

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\  
 Data File : VN064306.D  
 Acq On : 26 Oct 2020 16:42  
 Operator : JC/MD  
 Sample : VSTDIC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/27/2020 2:21:00 PM

Quant Time: Oct 26 17:10:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Oct 26 16:34:22 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.15  | 128  | 50794    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.55  | 114  | 277880   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.38 | 117  | 259393   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 7.99   | 65    | 135400   | 30.34    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 91 - 110 | Recovery | =    | 101.13% |
| 60) 4-Bromofluorobenzene  | 12.38  | 95    | 140023   | 30.34    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 63 - 112 | Recovery | =    | 101.13% |
| 63) Toluene-d8            | 10.06  | 98    | 352169   | 30.43    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 91 - 112 | Recovery | =    | 101.43% |

## Target Compounds

|                               |      |     |         |                | Ovalue |
|-------------------------------|------|-----|---------|----------------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 211981  | 63.125 ug/l    | 94     |
| 3) Chloromethane              | 2.04 | 50  | 191046  | 55.312 ug/l    | 98     |
| 4) Vinyl Chloride             | 2.16 | 62  | 190831  | 54.841 ug/l    | 98     |
| 5) Bromomethane               | 2.53 | 94  | 116082  | 51.405 ug/l    | 95     |
| 6) Chloroethane               | 2.67 | 64  | 105914  | 52.447 ug/l    | 98     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 297913  | 51.218 ug/l    | 94     |
| 8) Diethyl Ether              | 3.37 | 74  | 93797   | 49.143 ug/l    | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 148075  | 51.655 ug/l    | 99     |
| 10) 1,1-Dichloroethene        | 3.69 | 96  | 139806  | 50.607 ug/l    | 97     |
| 11) Methyl Iodide             | 3.91 | 142 | 204791  | 51.425 ug/l    | 98     |
| 12) Methyl Acetate            | 4.28 | 43  | 165661  | 50.588 ug/l    | 96     |
| 13) Acrolein                  | 3.56 | 56  | 53143   | 205.040 ug/l   | 90     |
| 14) Acrylonitrile             | 4.93 | 53  | 375452  | 288.731 ug/l   | 99     |
| 15) Acetone                   | 3.78 | 58  | 98235   | 247.017 ug/l   | 92     |
| 16) Carbon Disulfide          | 4.01 | 76  | 411745  | 51.286 ug/l    | 99     |
| 17) Allyl chloride            | 4.27 | 41  | 281993  | 53.170 ug/l    | 99     |
| 18) Methylene Chloride        | 4.50 | 84  | 160619  | 49.356 ug/l    | 98     |
| 19) trans-1,2-Dichloroethene  | 4.98 | 96  | 151690  | 48.989 ug/l    | 99     |
| 20) Diisopropyl ether         | 5.90 | 45  | 550146  | 53.823 ug/l    | 93     |
| 21) 1,1-Dichloroethane        | 5.80 | 63  | 305838  | 50.809 ug/l    | 99     |
| 22) cis-1,2-Dichloroethene    | 6.78 | 96  | 176075  | 49.008 ug/l #  | 76     |
| 23) tert-Butyl Alcohol        | 4.73 | 59  | 167492  | 280.897 ug/l # | 100    |
| 24) Methyl tert-Butyl Ether   | 4.99 | 73  | 537289  | 54.607 ug/l    | 98     |
| 25) Chloroform                | 7.33 | 83  | 318550  | 49.003 ug/l    | 95     |
| 26) Cyclohexane               | 7.61 | 56  | 252413  | 53.789 ug/l #  | 98     |
| 29) 1,1-Dichloropropene       | 7.75 | 75  | 240128  | 51.097 ug/l    | 98     |
| 30) 2-Butanone                | 6.78 | 43  | 569011  | 270.922 ug/l # | 98     |
| 31) 2,2-Dichloropropane       | 6.77 | 77  | 290352  | 49.711 ug/l #  | 90     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 306754  | 51.049 ug/l    | 98     |
| 33) Carbon Tetrachloride      | 7.73 | 117 | 283173  | 52.521 ug/l    | 96     |
| 34) Benzene                   | 8.00 | 78  | 648935  | 50.455 ug/l #  | 90     |
| 35) Methacrylonitrile         | 7.14 | 41  | 129086m | 61.090 ug/l    |        |
| 36) 1,2-Dichloroethane        | 8.08 | 62  | 287843m | 51.728 ug/l    |        |
| 37) Trichloroethene           | 8.80 | 130 | 176020  | 50.149 ug/l    | 99     |
| 38) Methylcyclohexane         | 9.05 | 83  | 235752  | 54.583 ug/l    | 99     |
| 39) 1,2-Dichloropropane       | 9.08 | 63  | 175758  | 50.716 ug/l    | 99     |
| 40) Dibromomethane            | 9.17 | 93  | 123671  | 51.574 ug/l    | 97     |

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 Sample : VSTDIC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDIC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/27/2020 2:21:00 PM

Quant Time: Oct 26 17:10:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Oct 26 16:34:22 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| -----                          |       |      |          |          |        |          |
| 41) Bromodichloromethane       | 9.37  | 83   | 264922   | 51.026   | ug/l   | 97       |
| 42) Vinyl Acetate              | 5.84  | 43   | 2441400  | 264.274  | ug/l   | 100      |
| 43) Ethyl Acetate              | 6.88  | 43   | 238930   | 53.724   | ug/l # | 78       |
| 44) Isopropyl Acetate          | 8.13  | 43   | 423648   | 53.307   | ug/l   | 96       |
| 45) 1,4-Dioxane                | 9.17  | 88   | 64333    | 1255.664 | ug/l   | 99       |
| 46) Methyl methacrylate        | 9.16  | 41   | 213030   | 55.144   | ug/l   | 98       |
| 47) n-amyl Acetate             | 12.04 | 43   | 367697   | 53.422   | ug/l   | 100      |
| 48) t-1,3-Dichloropropene      | 10.35 | 75   | 297530   | 50.995   | ug/l   | 96       |
| 49) cis-1,3-Dichloropropene    | 9.81  | 75   | 304825   | 50.519   | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane      | 10.53 | 97   | 162905   | 50.823   | ug/l   | 93       |
| 51) Ethyl methacrylate         | 10.40 | 69   | 259087   | 52.513   | ug/l   | 98       |
| 52) 1,3-Dichloropropane        | 10.68 | 76   | 286812   | 50.926   | ug/l   | 99       |
| 53) Dibromochloromethane       | 10.87 | 129  | 202474   | 50.973   | ug/l   | 98       |
| 54) 1,2-Dibromoethane          | 10.97 | 107  | 173738   | 50.692   | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether  | 9.66  | 63   | 663653   | 258.379  | ug/l   | 99       |
| 56) Bromoform                  | 12.10 | 173  | 143756   | 50.664   | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone       | 9.95  | 43   | 1215277  | 271.818  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 909495   | 270.254  | ug/l   | 100      |
| 61) Tetrachloroethene          | 10.60 | 164  | 173698   | 49.410   | ug/l   | 97       |
| 62) Toluene                    | 10.13 | 91   | 716293   | 49.380   | ug/l   | 100      |
| 64) Chlorobenzene              | 11.41 | 112  | 446751   | 49.887   | ug/l   | 95       |
| 65) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 180687   | 50.263   | ug/l   | 97       |
| 66) Ethyl Benzene              | 11.48 | 91   | 819529   | 49.077   | ug/l   | 95       |
| 67) m/p-Xylenes                | 11.60 | 106  | 609823   | 99.258   | ug/l   | 95       |
| 68) o-Xylene                   | 11.92 | 106  | 295272   | 49.453   | ug/l   | 98       |
| 69) Styrene                    | 11.94 | 104  | 498026   | 49.935   | ug/l   | 97       |
| 70) Isopropylbenzene           | 12.22 | 105  | 779498   | 49.182   | ug/l   | 98       |
| 71) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 222598   | 51.263   | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane     | 12.53 | 75   | 240264m  | 52.606   | ug/l   |          |
| 73) Bromobenzene               | 12.50 | 156  | 192814   | 49.933   | ug/l   | 99       |
| 74) n-propylbenzene            | 12.57 | 91   | 893831   | 49.388   | ug/l   | 99       |
| 75) 2-Chlorotoluene            | 12.65 | 91   | 549990   | 48.753   | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 660035   | 49.171   | ug/l   | 97       |
| 77) t-1,4-Dichloro-2-butene    | 12.27 | 75   | 86935    | 49.747   | ug/l   | 95       |
| 78) 4-Chlorotoluene            | 12.75 | 91   | 579809   | 49.564   | ug/l   | 99       |
| 79) tert-butylbenzene          | 12.97 | 119  | 541819   | 49.590   | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 666198   | 48.858   | ug/l   | 99       |
| 81) sec-Butylbenzene           | 13.14 | 105  | 691932   | 48.840   | ug/l   | 100      |
| 82) p-Isopropyltoluene         | 13.26 | 119  | 645698   | 49.661   | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene        | 13.25 | 146  | 330010   | 48.772   | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene        | 13.34 | 146  | 335790   | 48.880   | ug/l   | 98       |
| 85) n-Butylbenzene             | 13.59 | 91   | 546310   | 48.067   | ug/l   | 98       |
| 86) Hexachloroethane           | 13.85 | 117  | 120370   | 53.472   | ug/l   | 99       |
| 87) 1,2-Dichlorobenzene        | 13.63 | 146  | 325244   | 49.066   | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 59305    | 55.853   | ug/l   | 99       |
| 89) 1,2,4-Trichlorobenzene     | 14.88 | 180  | 182048   | 48.611   | ug/l   | 98       |
| 90) Hexachlorobutadiene        | 14.98 | 225  | 97607    | 47.827   | ug/l   | 98       |
| 91) Naphthalene                | 15.10 | 128  | 567492   | 51.125   | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene     | 15.28 | 180  | 174113   | 48.414   | ug/l   | 98       |
| -----                          |       |      |          |          |        |          |

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Acq On : 26 Oct 2020 16:42  
Operator : JC/MD  
Sample : VSTDICC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC050

Manual Integrations  
APPROVED

MMDadoda  
10/27/2020 2:21:00 PM

Quant Time: Oct 26 17:10:44 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Mon Oct 26 16:34:22 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

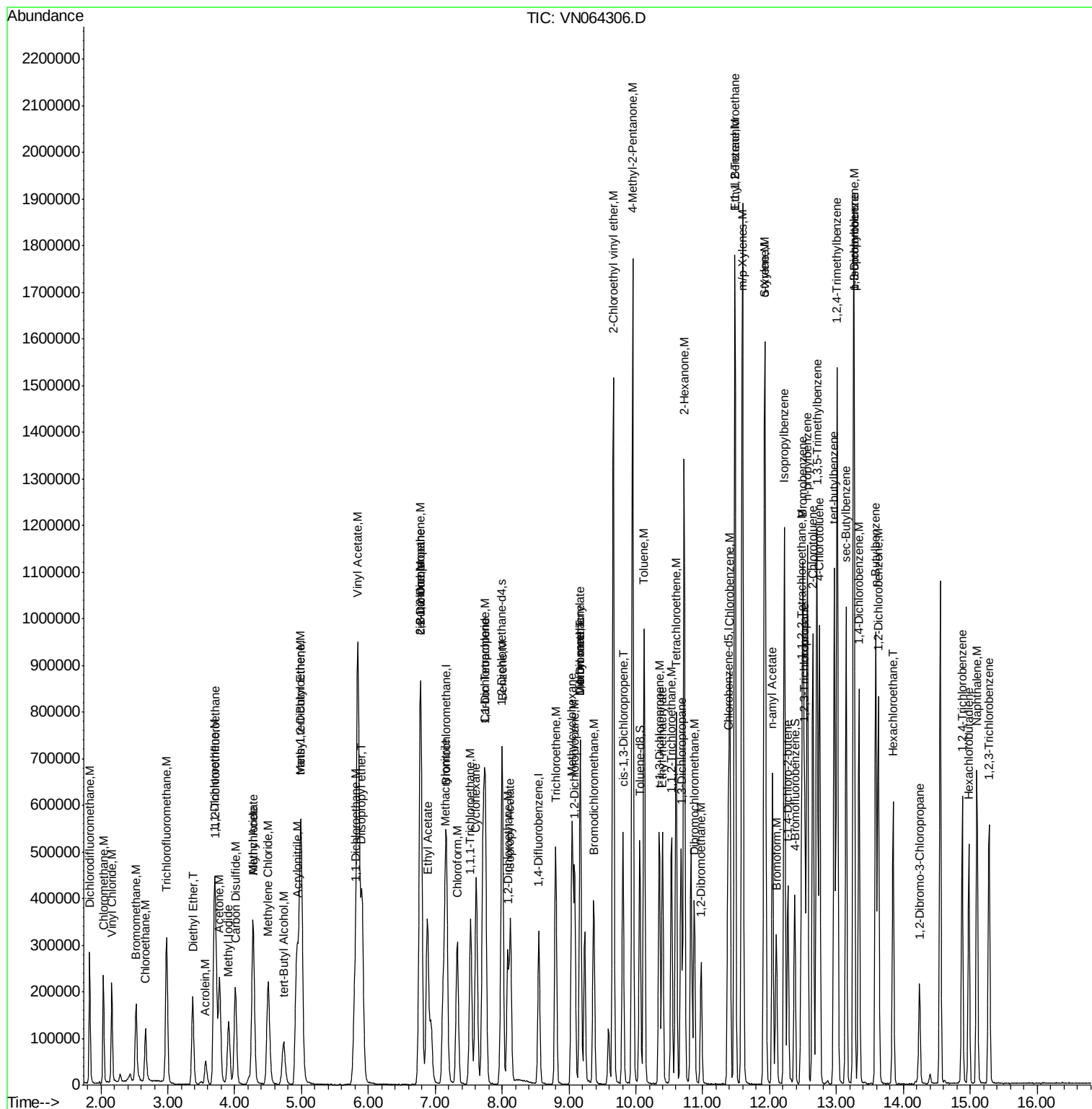
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Data File : VN064306.D  
Acq On : 26 Oct 2020 16:42  
Operator : JC/MD  
Sample : VSTDIC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 4 Sample Multiplier: 1

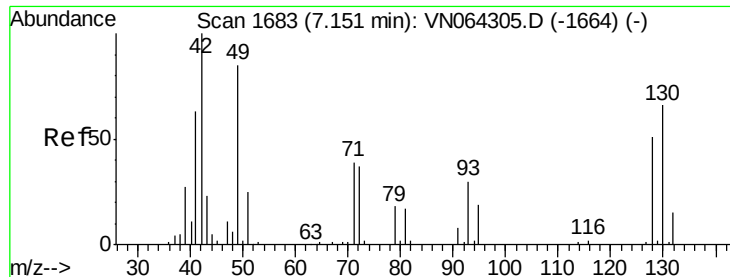
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

Manual Integrations  
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MMDadoda  
10/27/2020 2:21:00 PM

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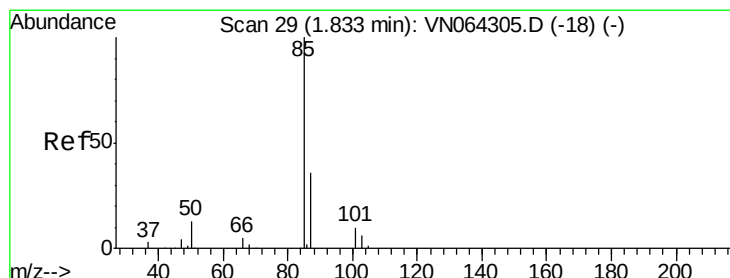
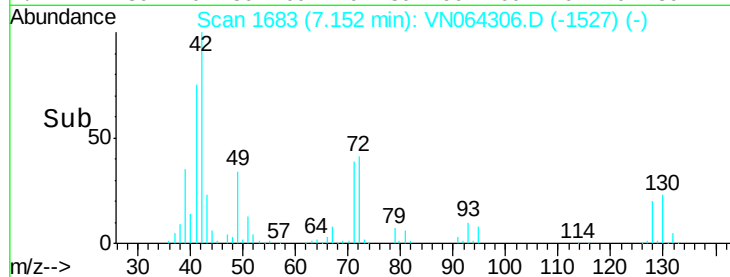
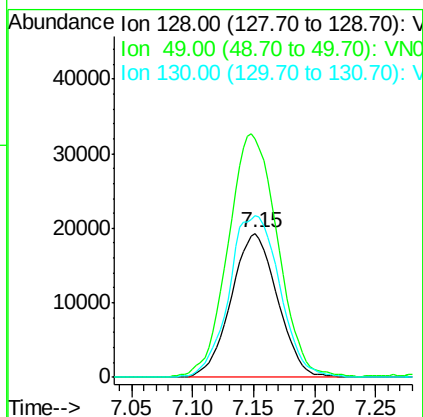
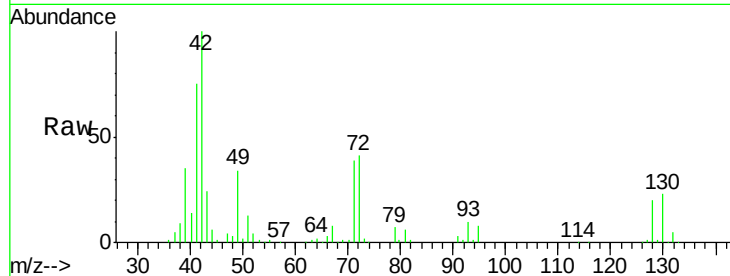
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Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.15 min Scan# 1683  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 49      | 181.5 | 0.0   | 439.5 |
| 130     | 123.3 | 0.0   | 323.8 |

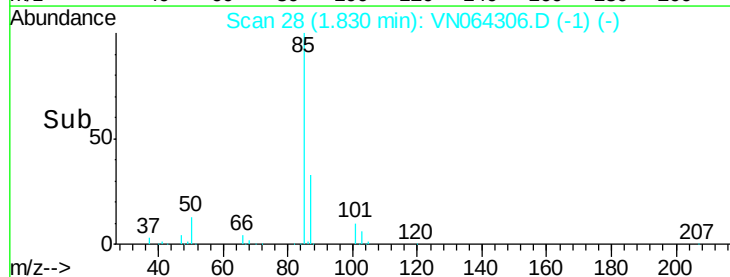
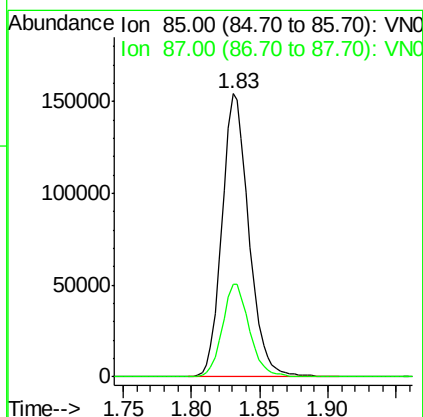
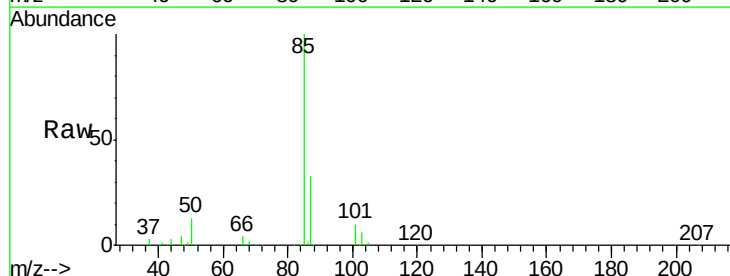
Manual Integrations  
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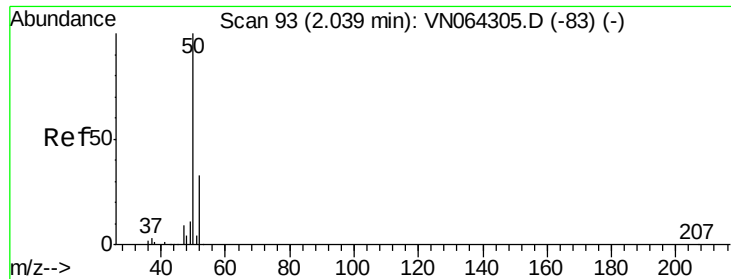
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10/27/2020 2:21:00 PM



#2  
Dichlorodifluoromethane  
Concen: 63.125 ug/l  
RT: 1.83 min Scan# 28  
Delta R.T. -0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.8  | 18.1  | 54.4  |





#3

Chloromethane

Concen: 55.312 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 191046

Ion Ratio Lower Upper

50 100

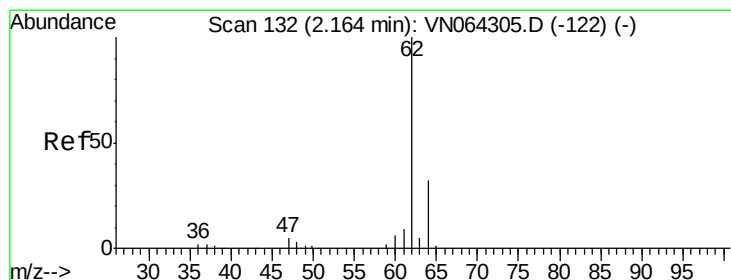
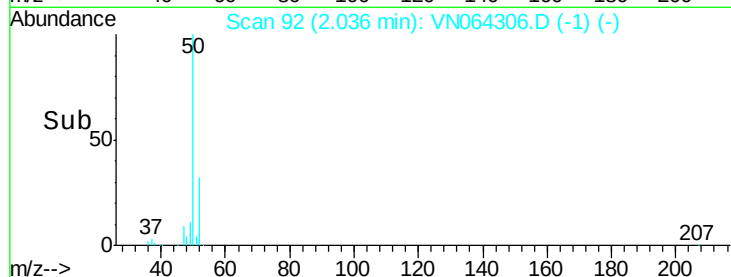
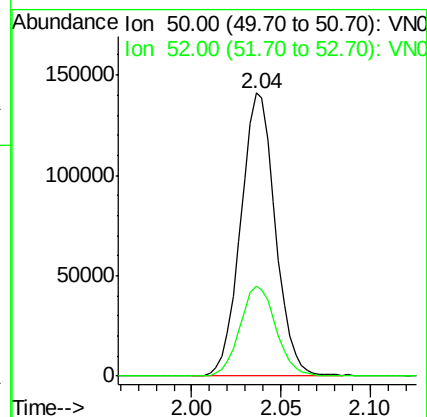
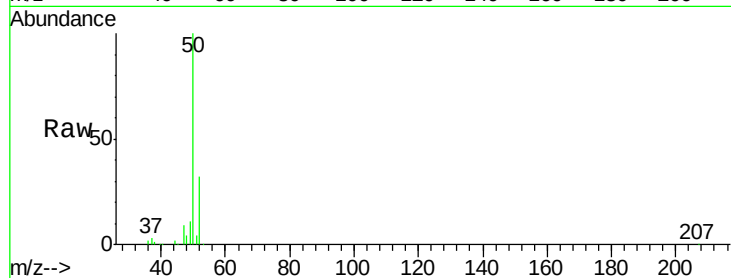
52 31.8 26.2 39.2

Manual Integrations

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10/27/2020 2:21:00 PM



#4

Vinyl Chloride

Concen: 54.841 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064306.D

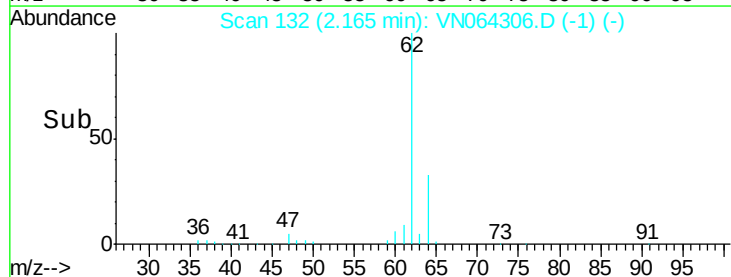
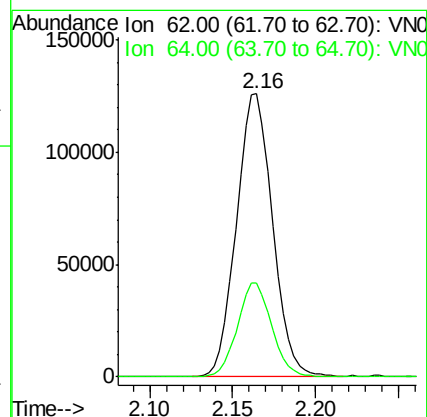
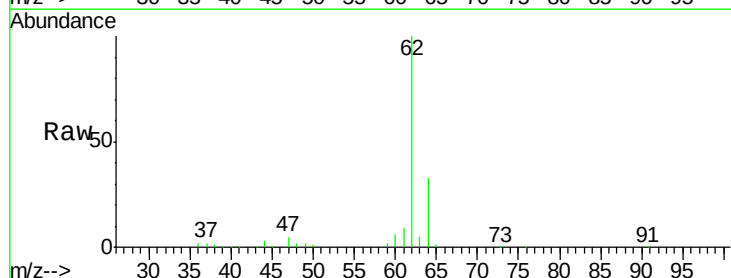
Acq: 26 Oct 2020 16:42

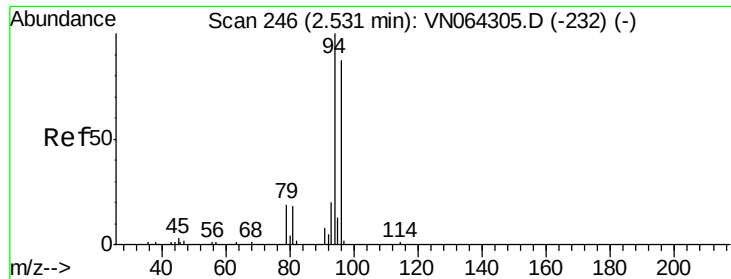
Tgt Ion: 62 Resp: 190831

Ion Ratio Lower Upper

62 100

64 33.0 25.5 38.3





#5

Bromomethane

Concen: 51.405 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 116082

Ion Ratio Lower Upper

94 100

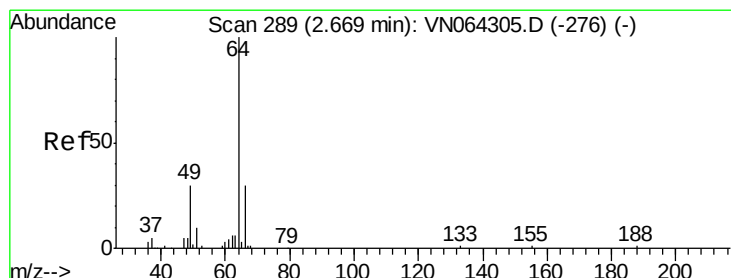
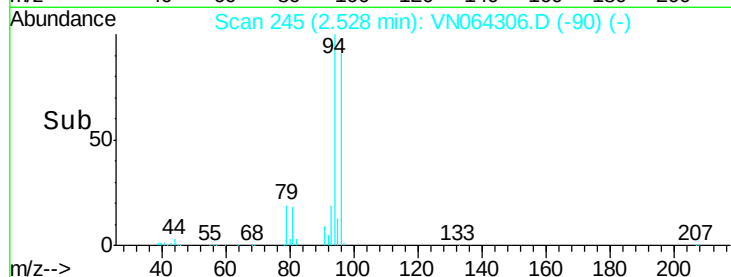
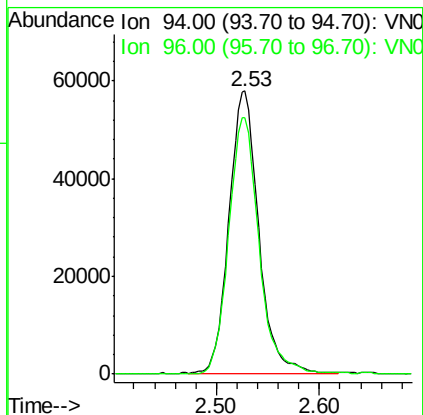
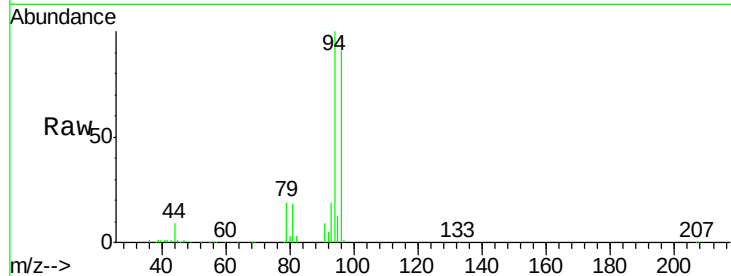
96 90.9 69.4 104.0

Manual Integrations

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10/27/2020 2:21:00 PM



#6

Chloroethane

Concen: 52.447 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064306.D

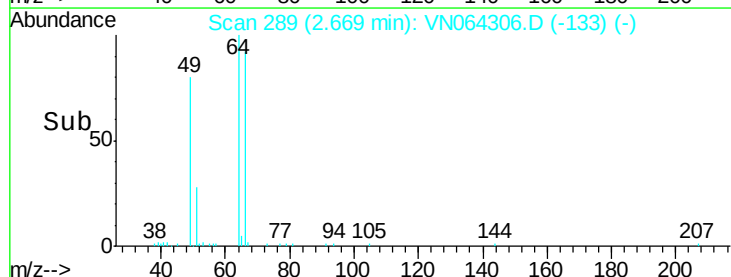
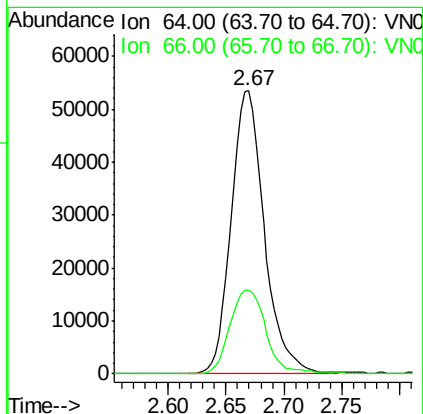
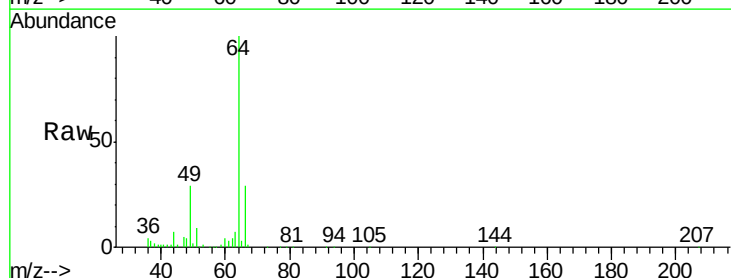
Acq: 26 Oct 2020 16:42

Tgt Ion: 64 Resp: 105914

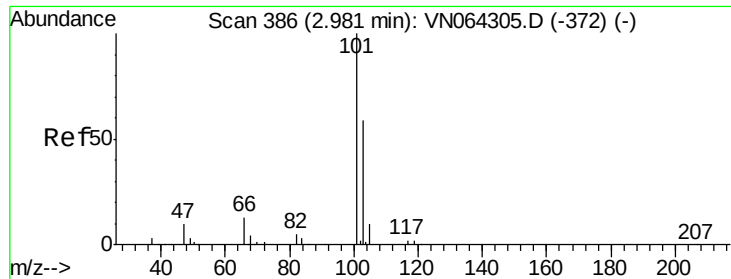
Ion Ratio Lower Upper

64 100

66 29.1 24.1 36.1







#7

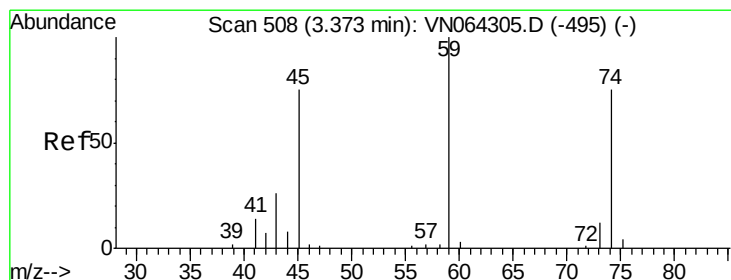
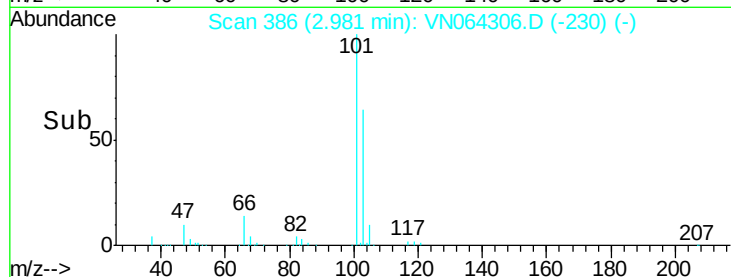
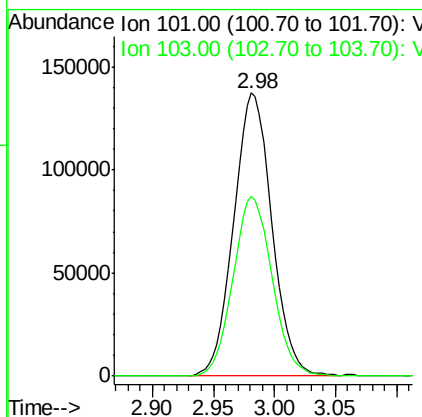
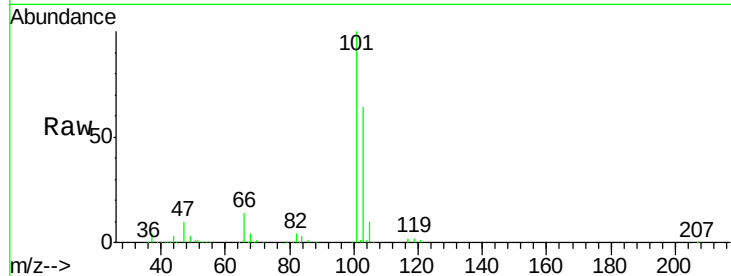
Trichlorofluoromethane  
Concen: 51.218 ug/l  
RT: 2.98 min Scan# 386  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.5  | 47.1  | 70.7  |

Manual Integrations  
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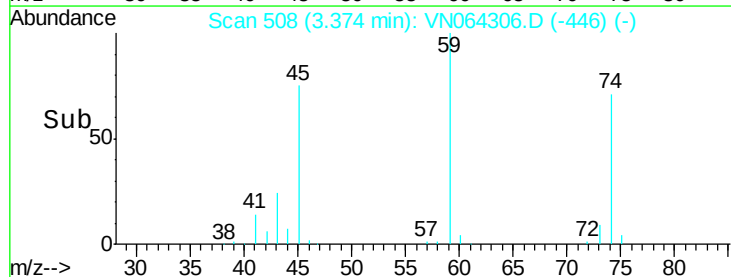
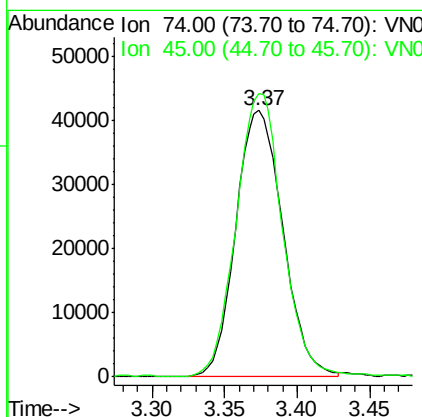
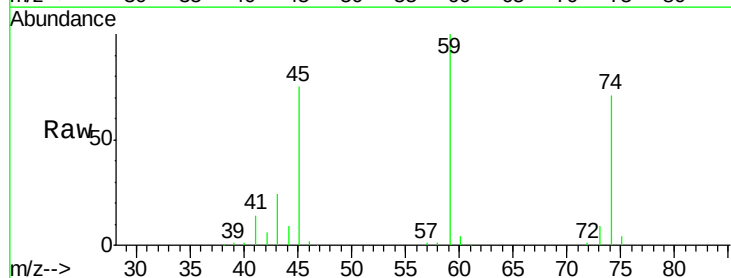
MMDadoda  
10/27/2020 2:21:00 PM



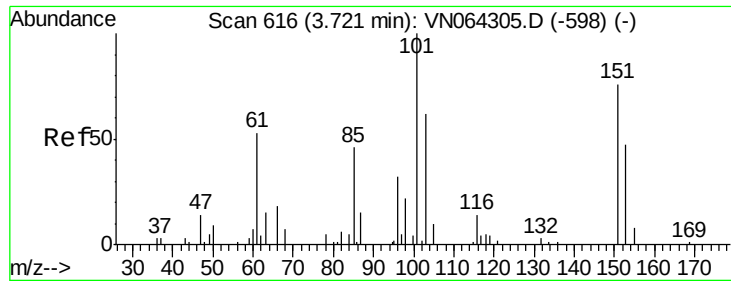
#8

Diethyl Ether  
Concen: 49.143 ug/l  
RT: 3.37 min Scan# 508  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 104.9 | 20.4  | 183.6 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.655 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

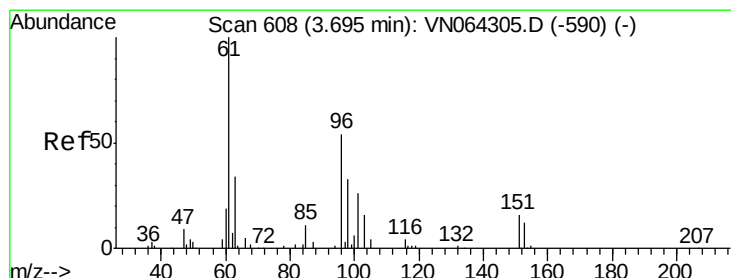
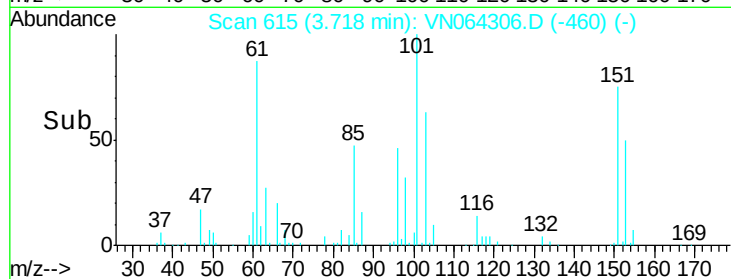
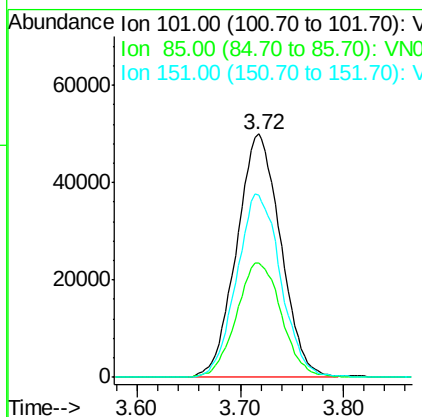
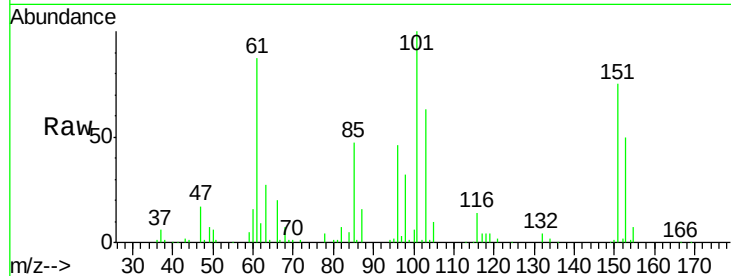
ClientSampleId :

VSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 148075 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 48.1  | 0.0   | 96.2   |
| 151       | 75.5  | 0.0   | 154.4  |

Manual Integrations  
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MMDadoda  
10/27/2020 2:21:00 PM



#10

1,1-Dichloroethene

Concen: 50.607 ug/l

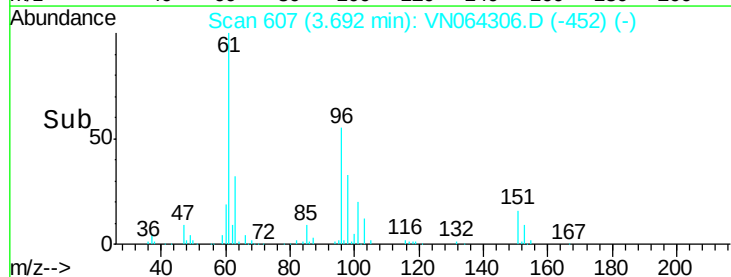
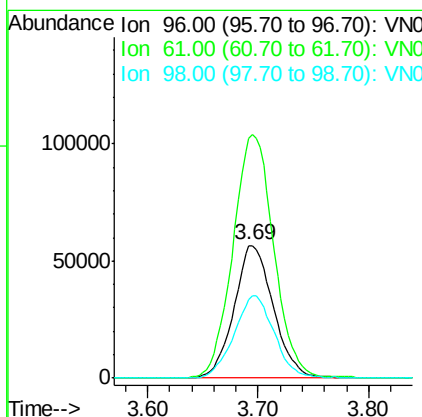
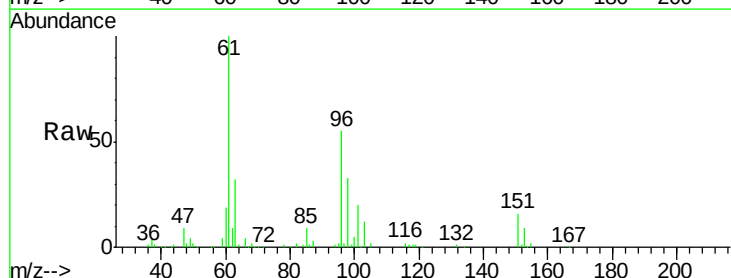
RT: 3.69 min Scan# 607

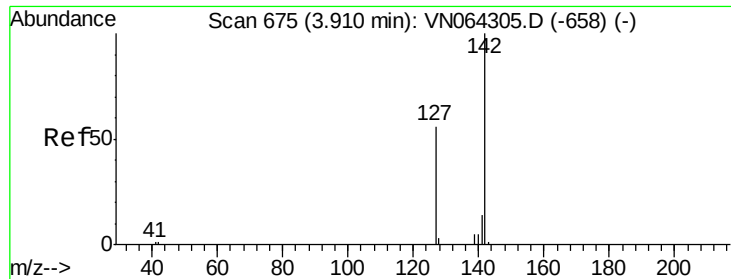
Delta R.T. -0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 139806 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 180.3 | 147.4 | 221.2  |
| 98        | 59.5  | 48.8  | 73.2   |





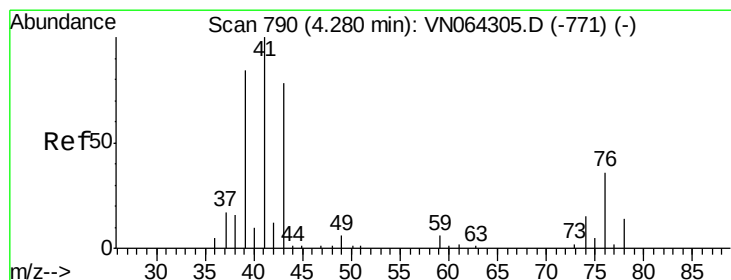
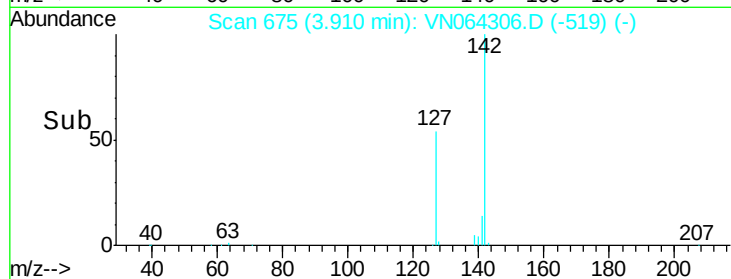
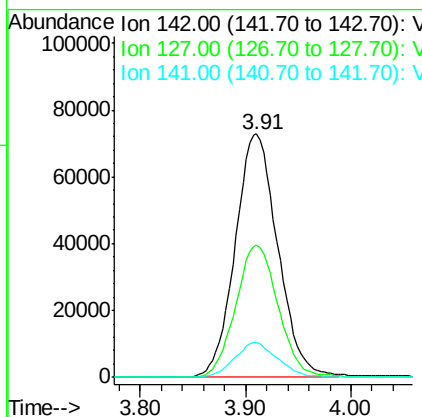
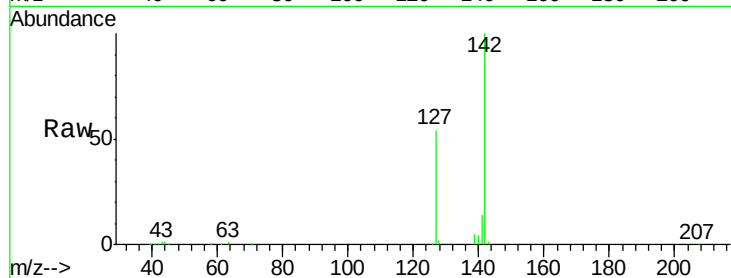
#11  
Methyl Iodide  
Concen: 51.425 ug/l  
RT: 3.91 min Scan# 675  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 54.2  | 27.9  | 83.7  |
| 141     | 14.5  | 7.1   | 21.3  |

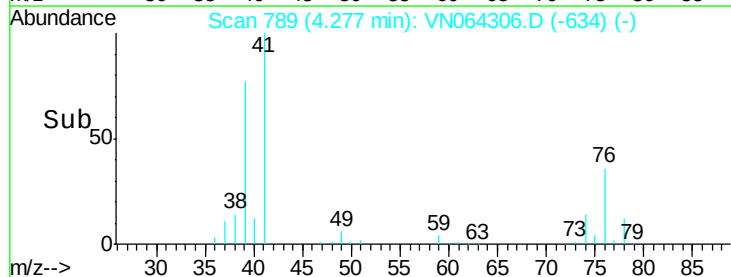
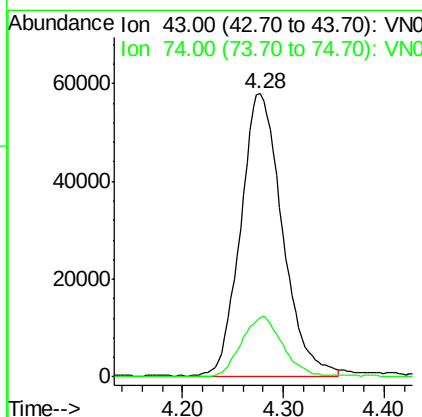
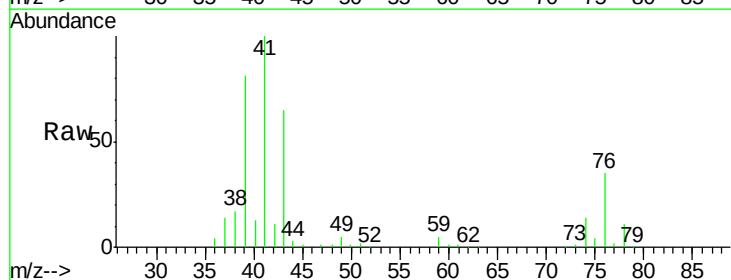
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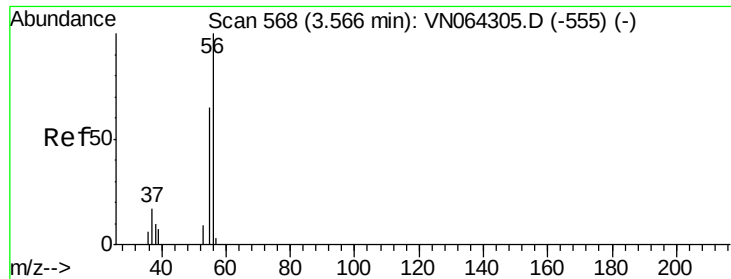
MMDadoda  
10/27/2020 2:21:00 PM



#12  
Methyl Acetate  
Concen: 50.588 ug/l  
RT: 4.28 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 20.8  | 15.4  | 23.0  |





#13

Acrolein

Concen: 205.040 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 53143

Ion Ratio Lower Upper

56 100

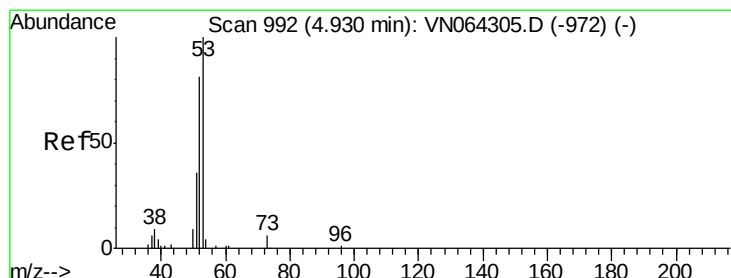
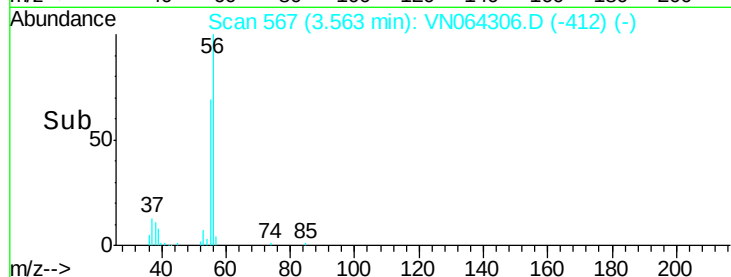
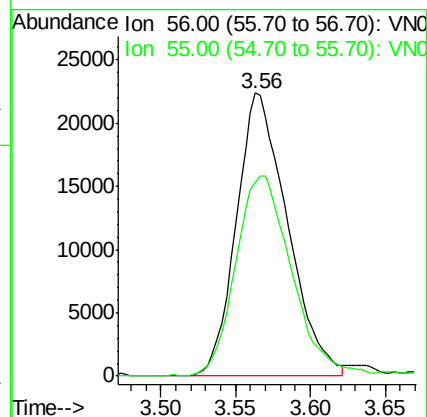
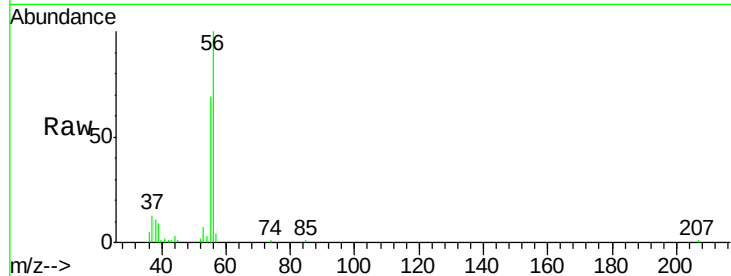
55 77.4 55.5 83.3

Manual Integrations

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#14

Acrylonitrile

Concen: 288.731 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

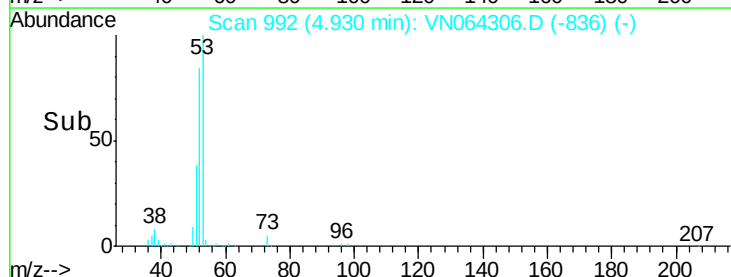
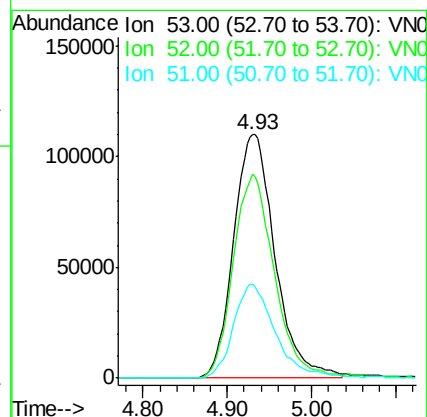
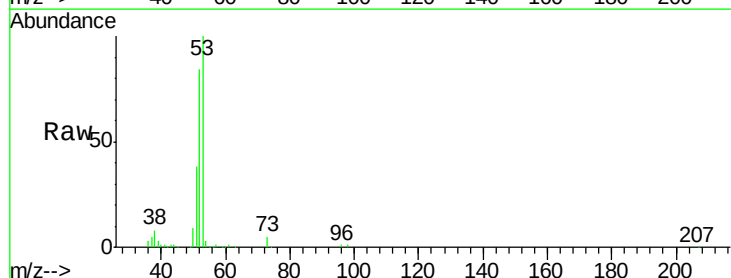
Tgt Ion: 53 Resp: 375452

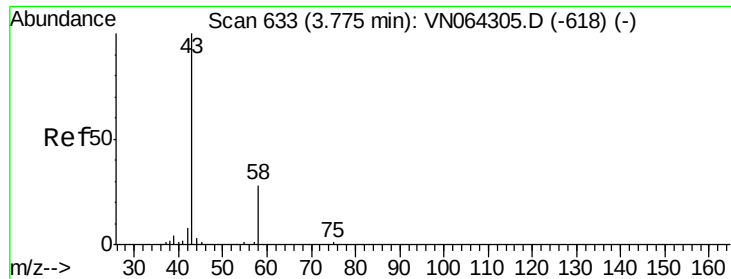
Ion Ratio Lower Upper

53 100

52 82.7 41.7 125.1

51 37.5 19.4 58.2





#15

Acetone

Concen: 247.017 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050

Tot Ion: 58 Resp: 98235

Ion Ratio Lower Upper

58 100

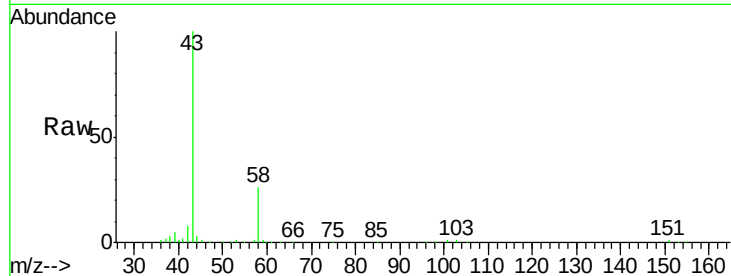
43 379.6 289.9 434.9

Manual Integrations

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Abundance Ion 58.00 (57.70 to 58.70): VN064305.D (-618) (-)

Ion 43.00 (42.70 to 43.70): VN064305.D (-618) (-)

150000

100000

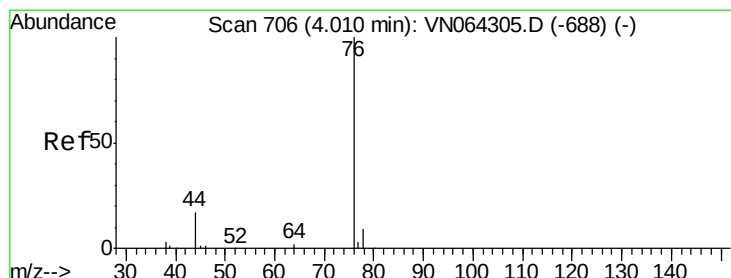
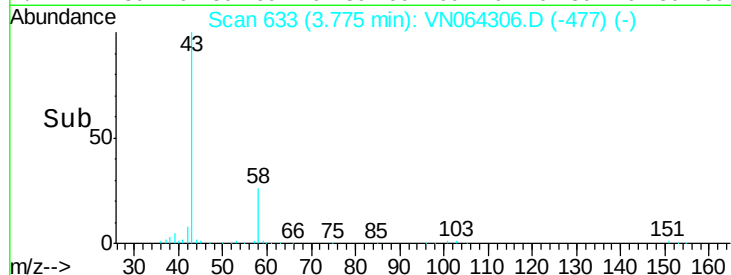
50000

0

3.70 3.75 3.80 3.85

3.78

Time-->



#16

Carbon Disulfide

Concen: 51.286 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064306.D

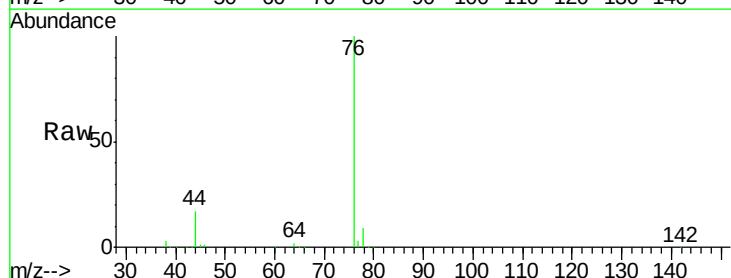
Acq: 26 Oct 2020 16:42

Tgt Ion: 76 Resp: 411745

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VN064305.D (-688) (-)

Ion 78.00 (77.70 to 78.70): VN064305.D (-688) (-)

150000

100000

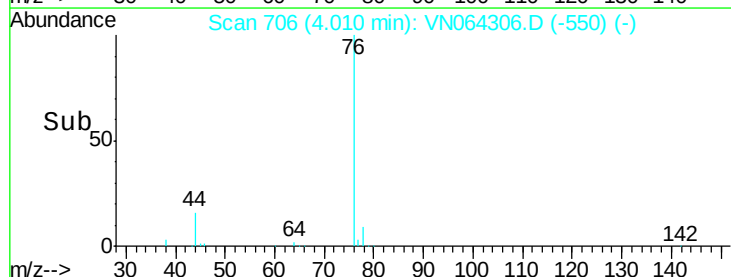
50000

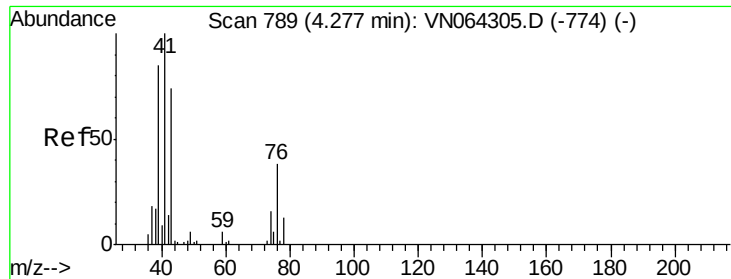
0

3.90 4.00 4.10

4.01

Time-->





#17

Allvl chloride

Concen: 53.170 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

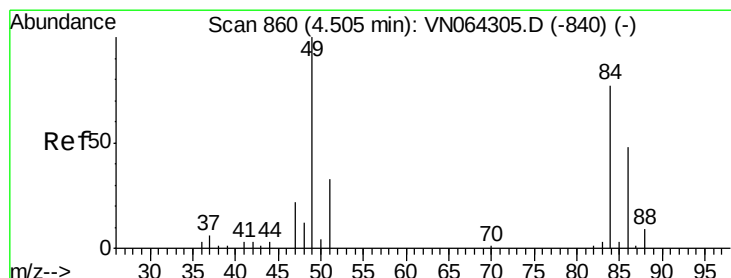
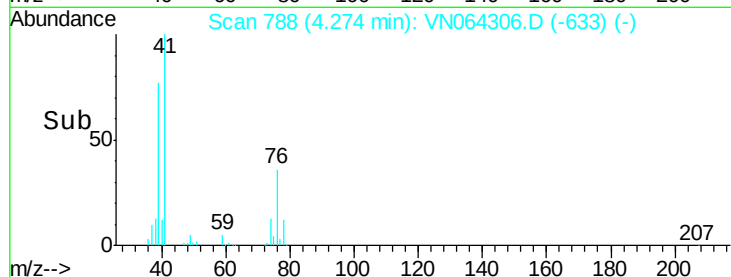
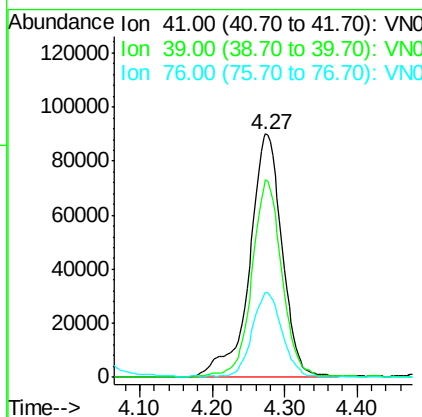
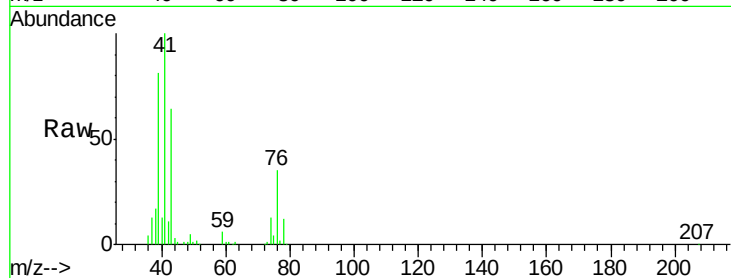
ClientSampleId :

VSTDIC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 281993 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 81.1  | 40.3  | 120.9  |
| 76       | 34.6  | 17.6  | 52.9   |

Manual Integrations  
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#18

Methylene Chloride

Concen: 49.356 ug/l

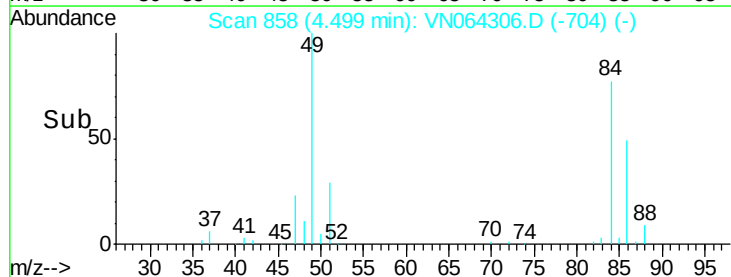
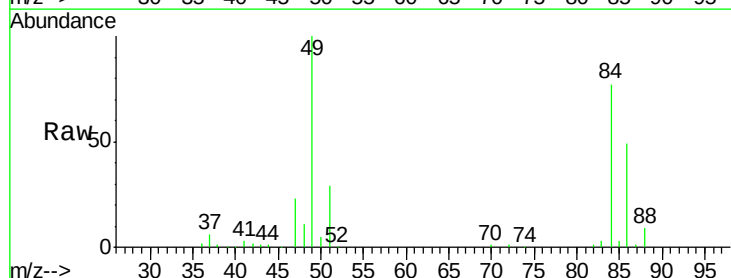
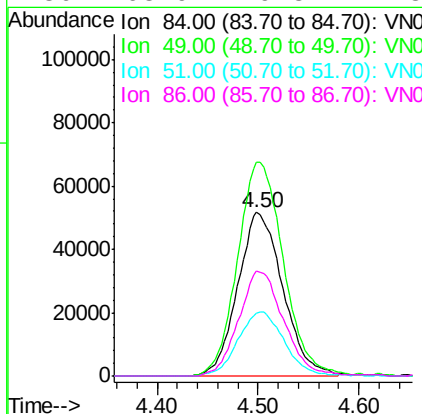
RT: 4.50 min Scan# 858

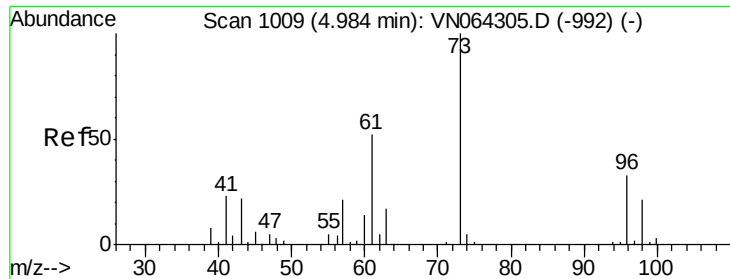
Delta R.T. -0.01 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 160619 |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 130.4 | 103.1 | 154.7  |
| 51       | 38.4  | 33.8  | 50.8   |
| 86       | 63.9  | 49.8  | 74.8   |





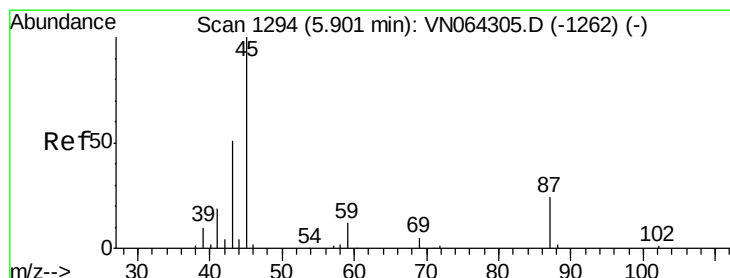
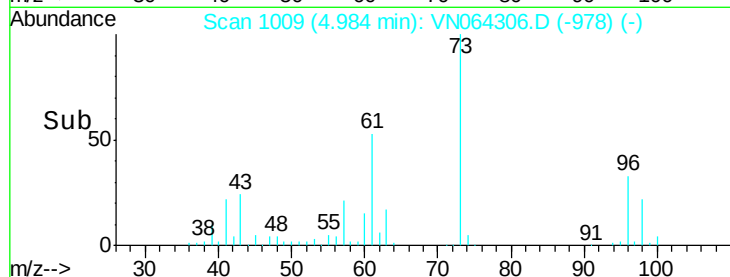
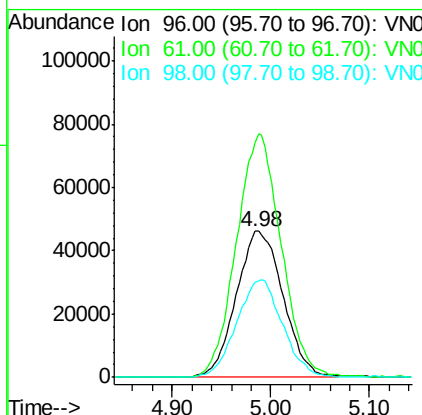
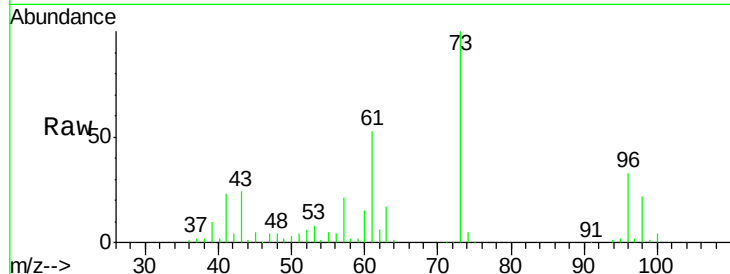
#19  
trans-1,2-Dichloroethene  
Concen: 48.989 ug/l  
RT: 4.98 min Scan# 1009  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.9 | 126.9 | 190.3 |
| 98      | 65.3  | 50.6  | 76.0  |

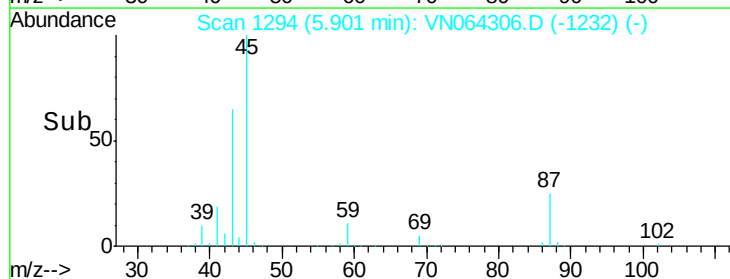
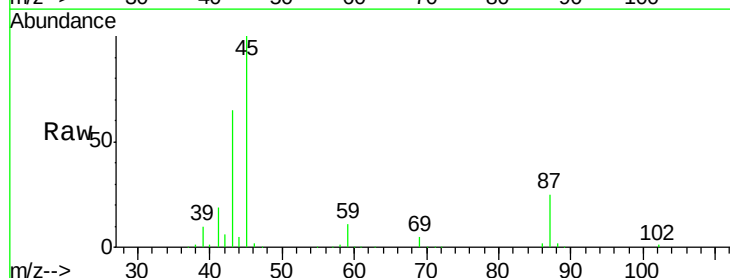
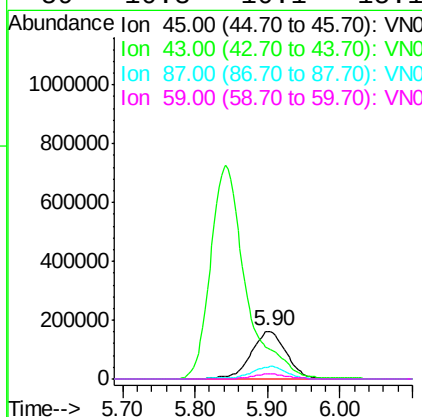
Manual Integrations  
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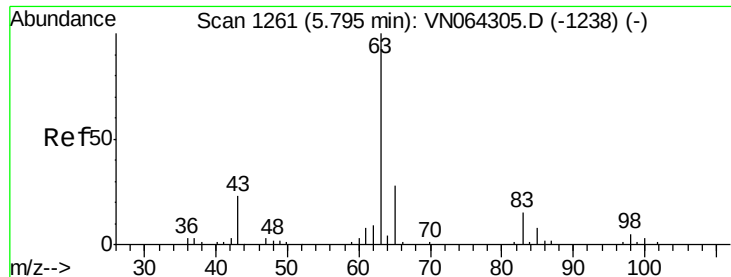
MMDadoda  
10/27/2020 2:21:00 PM



#20  
Diisopropyl ether  
Concen: 53.823 ug/l  
RT: 5.90 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 63.0  | 56.6  | 85.0  |
| 87      | 25.1  | 20.3  | 30.5  |
| 59      | 10.3  | 10.1  | 15.1  |





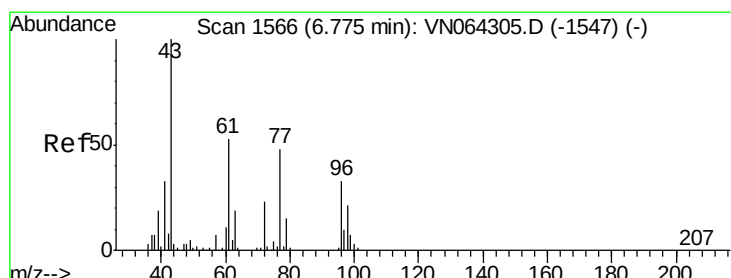
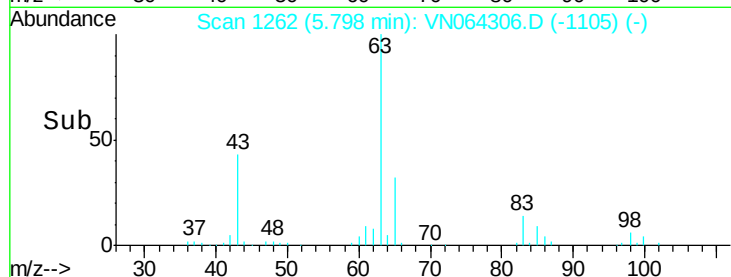
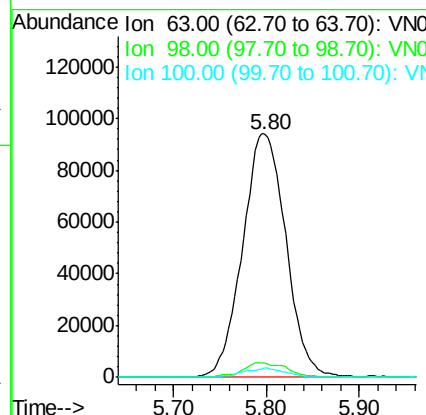
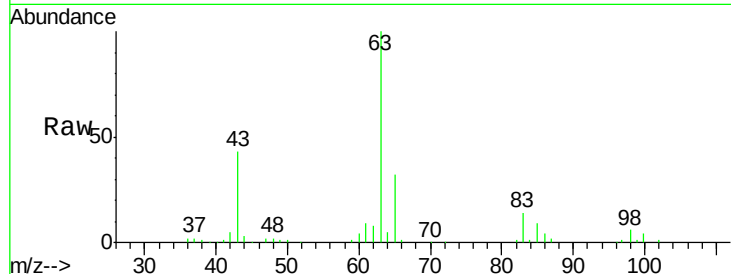
#21  
 1,1-Dichloroethane  
 Concen: 50.809 ug/l  
 RT: 5.80 min Scan# 1262  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 63      | 100   |      |       |       |
| 98      | 5.7   | 2.6  | 8.0   |       |
| 100     | 3.7   | 1.6  | 4.8   |       |

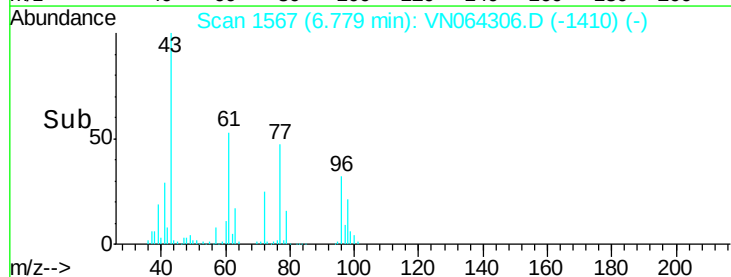
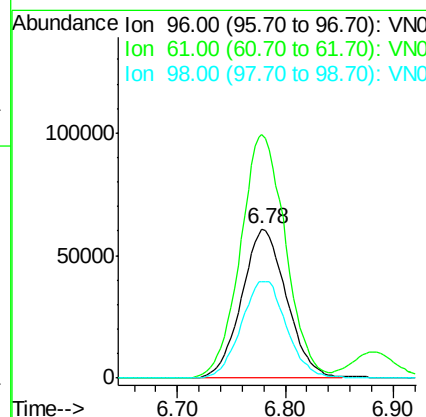
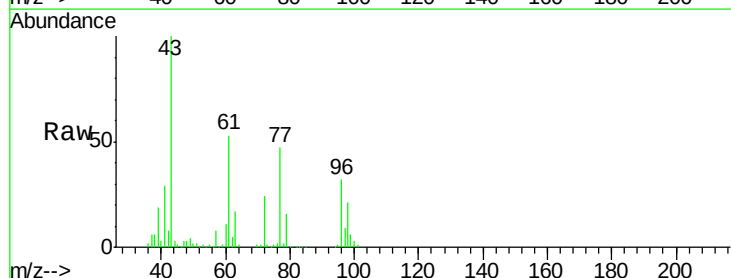
Manual Integrations  
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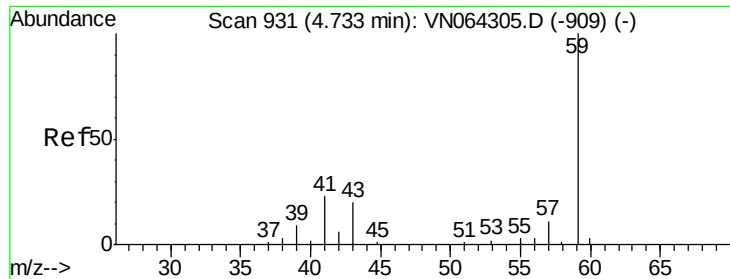


#22  
 cis-1,2-Dichloroethene  
 Concen: 49.008 ug/l  
 RT: 6.78 min Scan# 1567  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   |       |       |       |
| 61      | 164.1 | 133.0 | 199.6 |       |
| 98      | 0.1   | 51.6  | 77.4# |       |







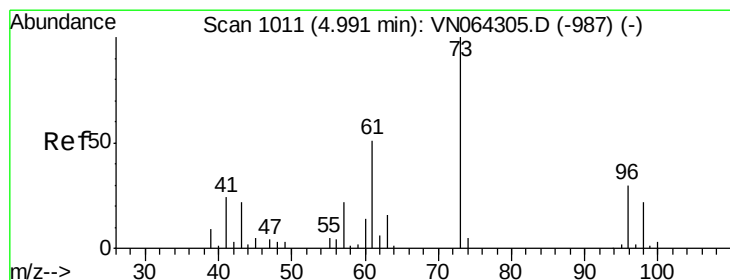
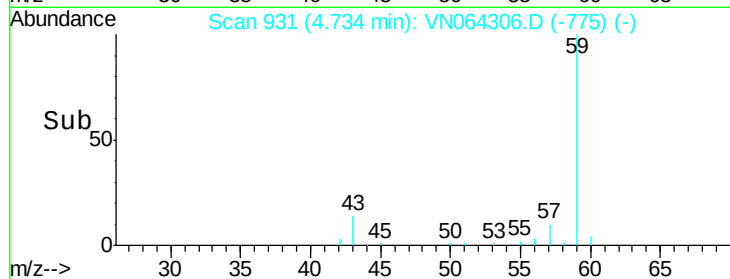
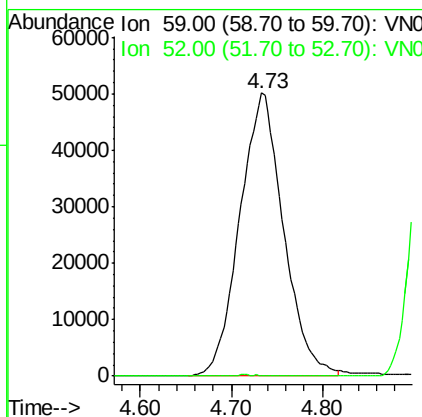
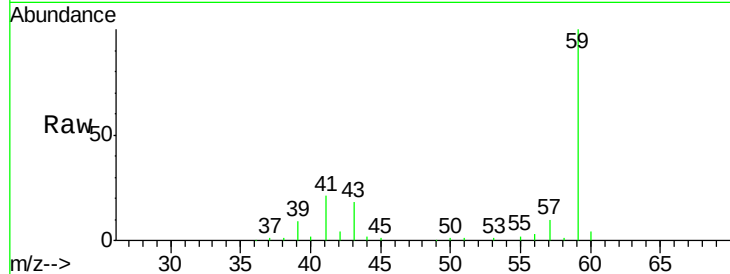
#23  
tert-Butyl Alcohol  
Concen: 280.897 ug/l  
RT: 4.73 min Scan# 931  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

Tot Ion: 59 Resp: 167492  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.0 0.0#

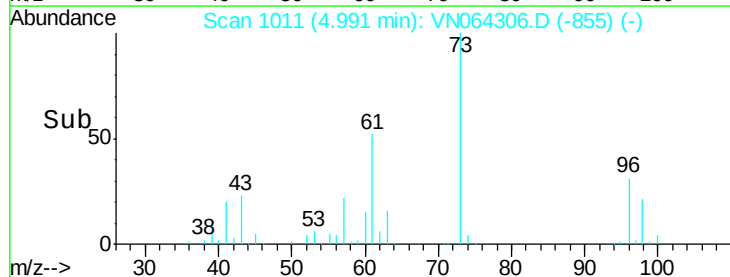
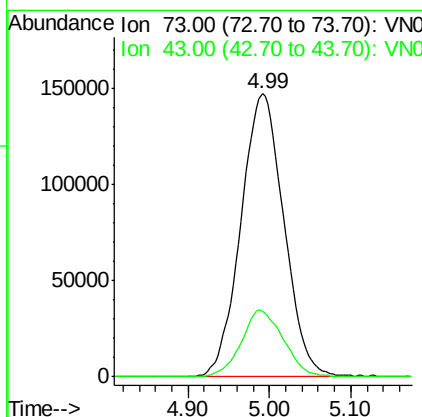
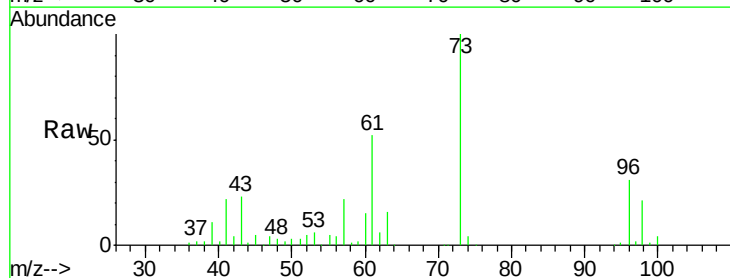
Manual Integrations  
APPROVED

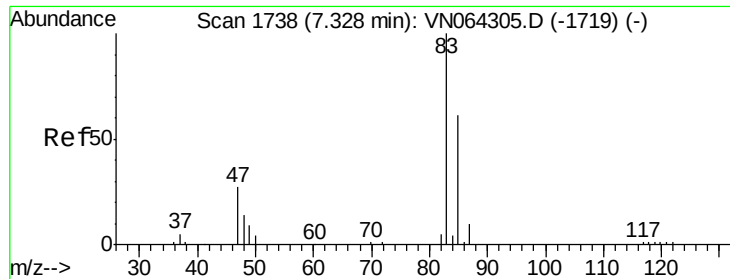
MMDadoda  
10/27/2020 2:21:00 PM



#24  
Methyl tert-Butyl Ether  
Concen: 54.607 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Tgt Ion: 73 Resp: 537289  
Ion Ratio Lower Upper  
73 100  
43 23.1 19.4 29.2





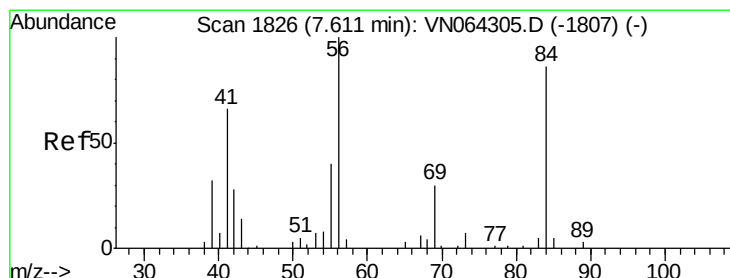
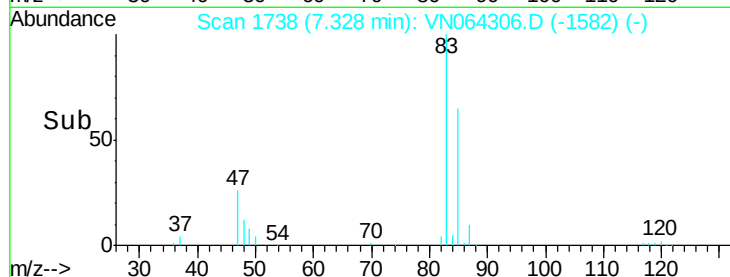
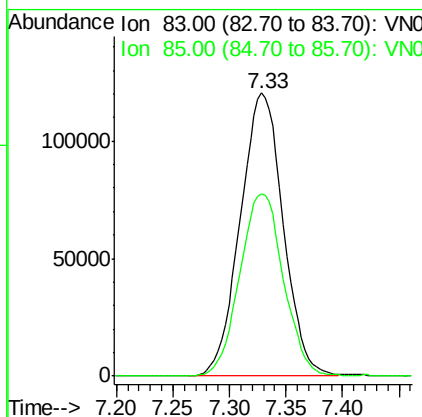
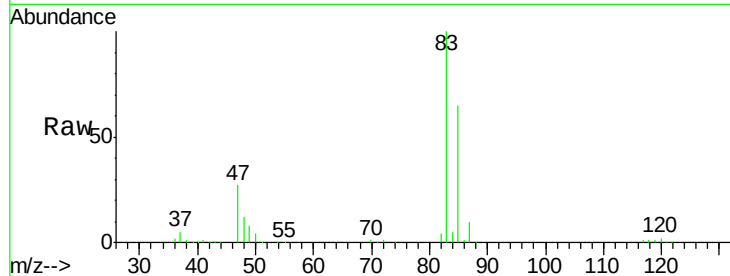
#25  
Chloroform  
Concen: 49.003 ug/l  
RT: 7.33 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

| Tot Ion   | 83   | Resp  | 318550 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 85        | 64.6 | 48.6  | 73.0   |

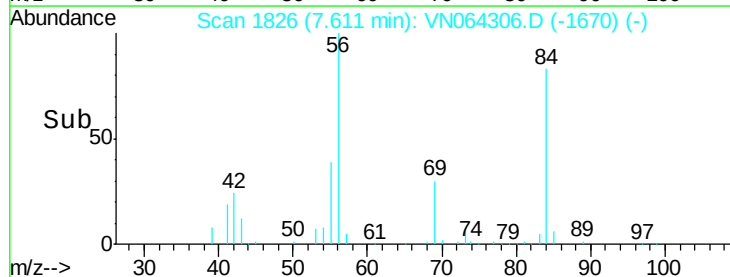
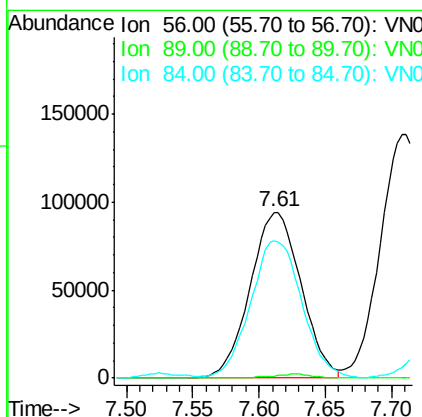
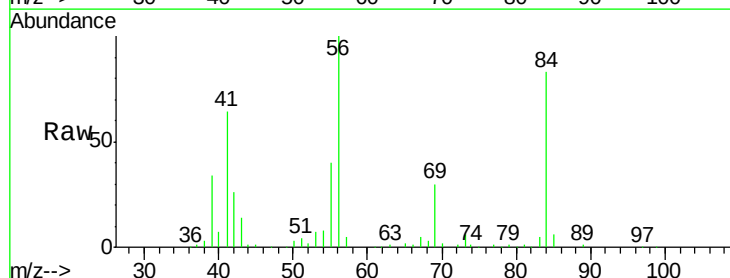
Manual Integrations  
APPROVED

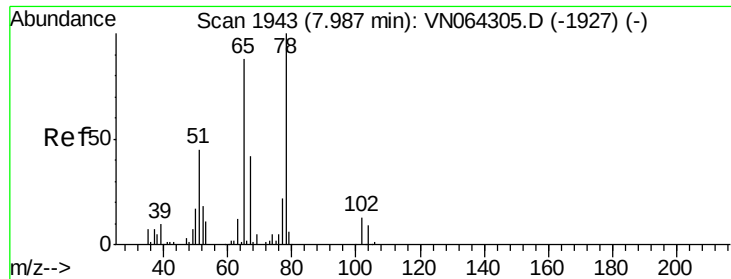
MMDadoda  
10/27/2020 2:21:00 PM



#26  
Cyclohexane  
Concen: 53.789 ug/l  
RT: 7.61 min Scan# 1826  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

| Tgt Ion   | 56   | Resp  | 252413 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 89        | 0.4  | 1.0   | 1.6#   |
| 84        | 82.8 | 67.5  | 101.3  |





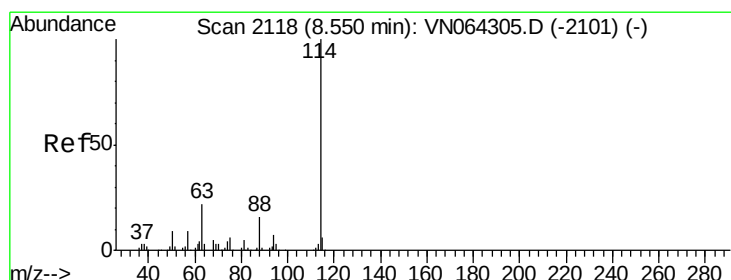
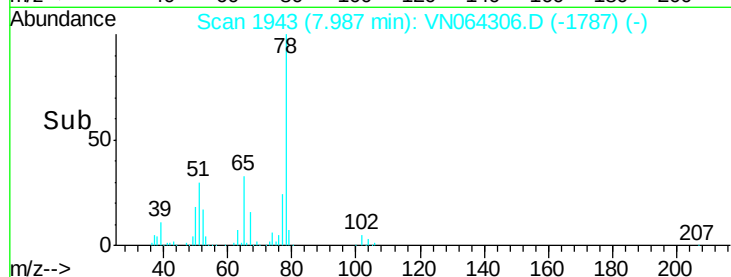
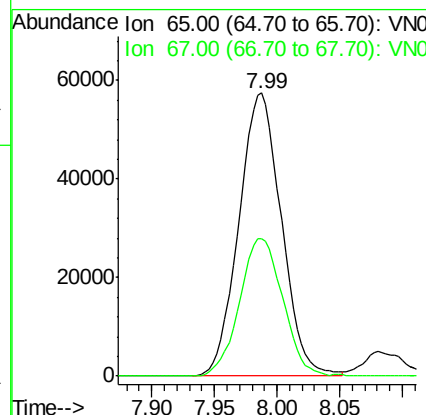
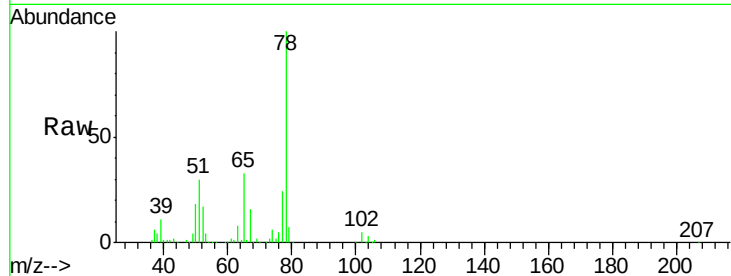
#27  
 1,2-Dichloroethane-d4  
 Concen: 30.336 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

Tot Ion: 65 Resp: 135400  
 Ion Ratio Lower Upper  
 65 100  
 67 49.3 38.5 57.7

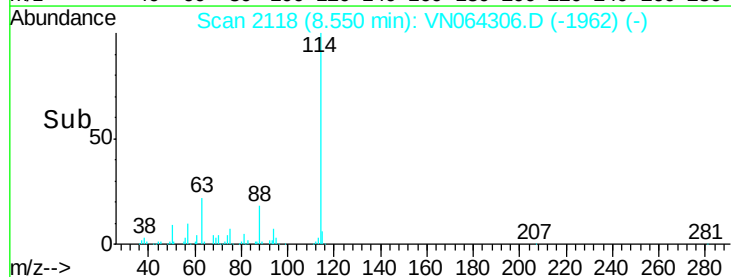
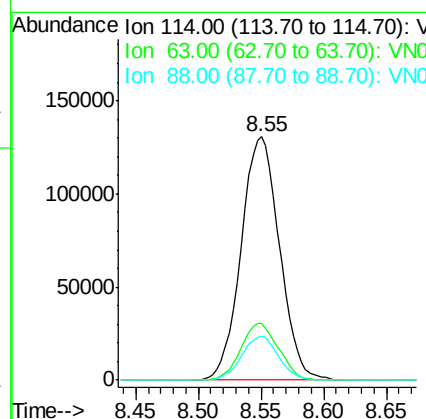
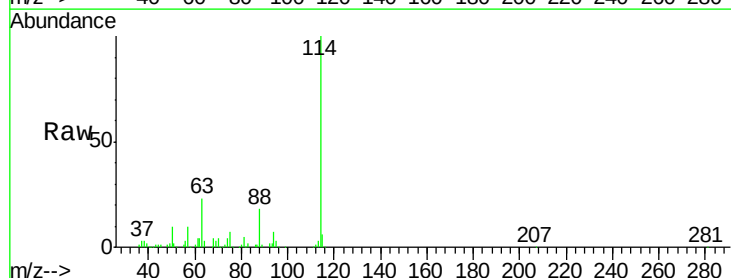
Manual Integrations  
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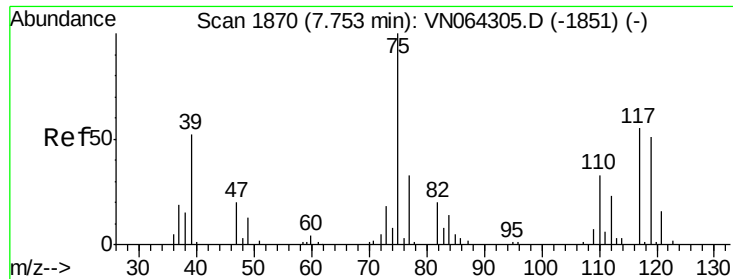
MMDadoda  
 10/27/2020 2:21:00 PM



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

Tgt Ion: 114 Resp: 277880  
 Ion Ratio Lower Upper  
 114 100  
 63 23.0 18.3 27.5  
 88 17.2 13.2 19.8





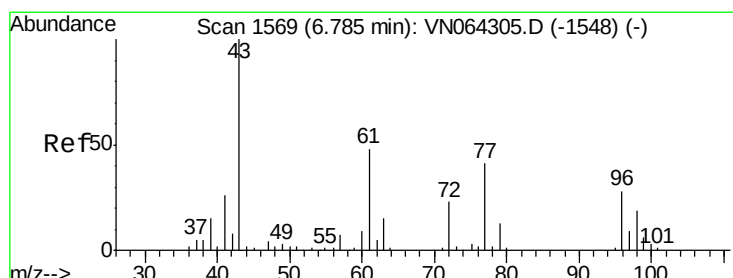
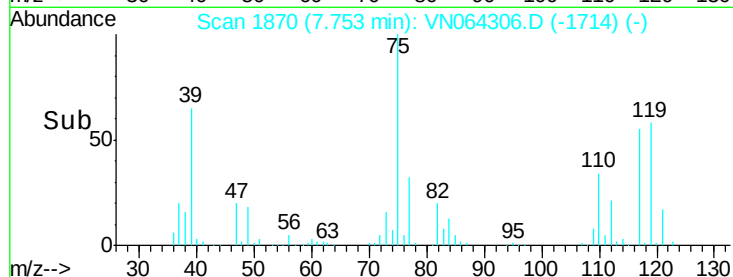
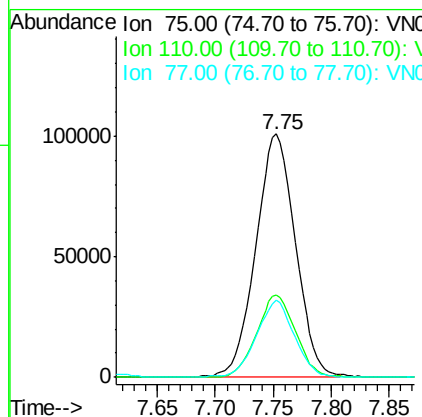
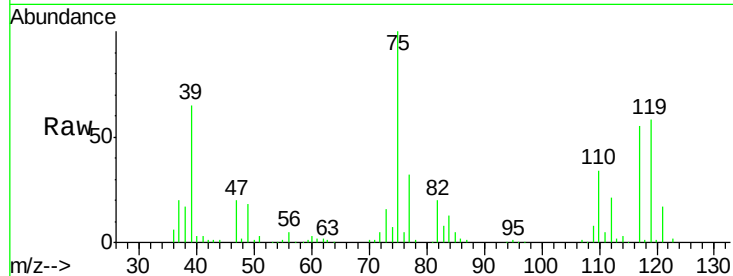
#29  
 1,1-Dichloropropene  
 Concen: 51.097 ug/l  
 RT: 7.75 min Scan# 1870  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 75      | 100   |            |       |
| 110     | 33.1  | 0.0        | 64.4  |
| 77      | 30.5  | 0.0        | 63.6  |

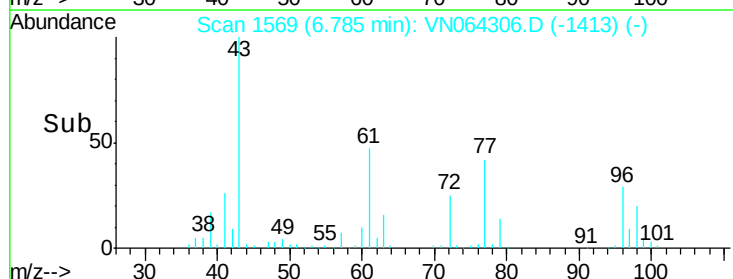
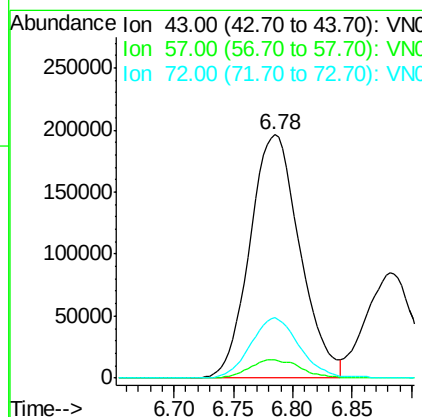
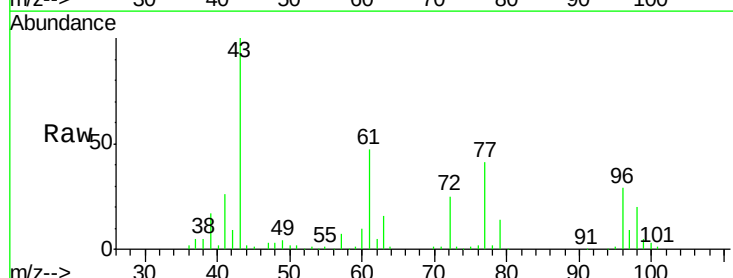
Manual Integrations  
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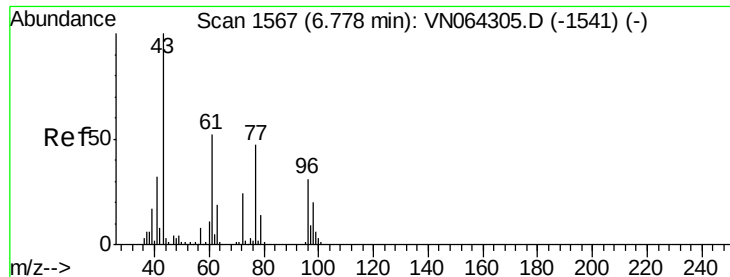
MMDadoda  
 10/27/2020 2:21:00 PM



#30  
 2-Butanone  
 Concen: 270.922 ug/l  
 RT: 6.78 min Scan# 1569  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 43      | 100   |            |       |
| 57      | 7.7   | 4.1        | 6.1#  |
| 72      | 24.2  | 19.0       | 28.6  |





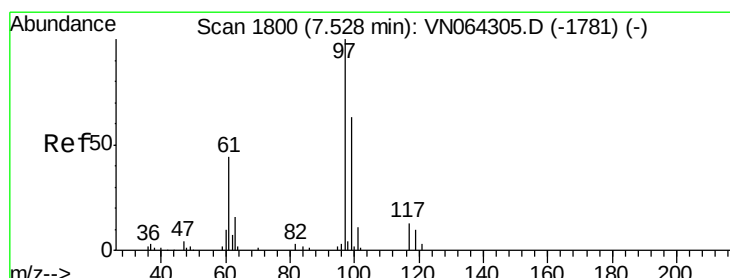
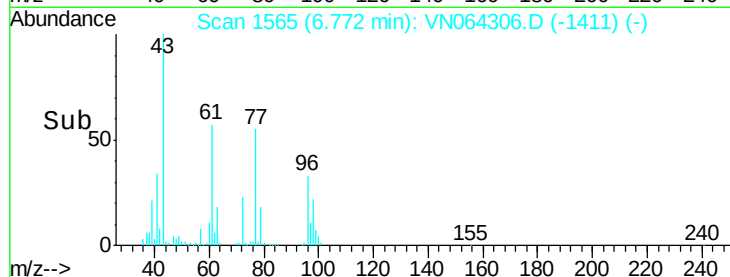
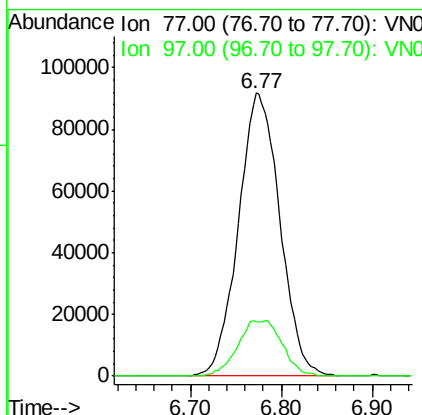
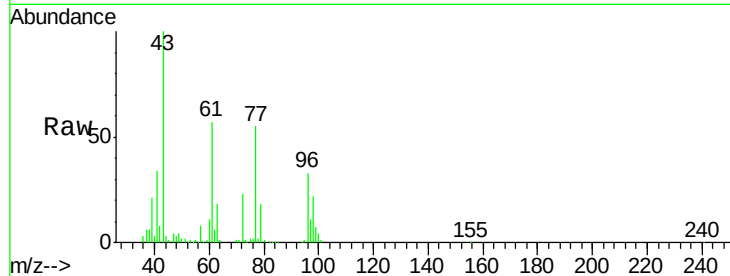
#31  
 2,2-Dichloropropane  
 Concen: 49.711 ug/l  
 RT: 6.77 min Scan# 1565  
 Delta R.T. -0.01 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 97      | 10.6  | 5.8   | 8.8#  |

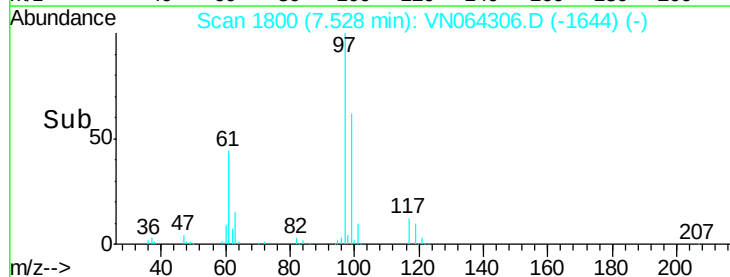
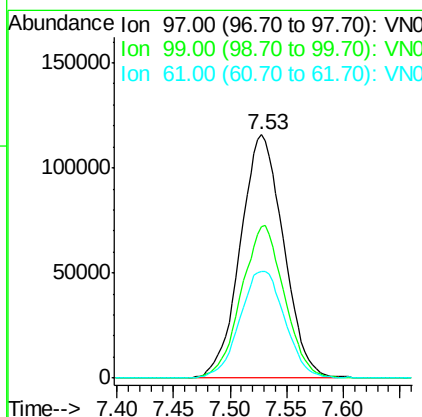
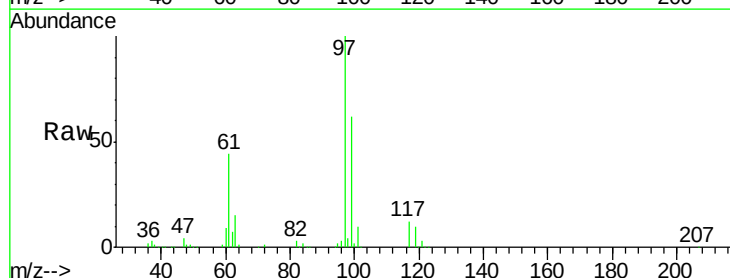
Manual Integrations  
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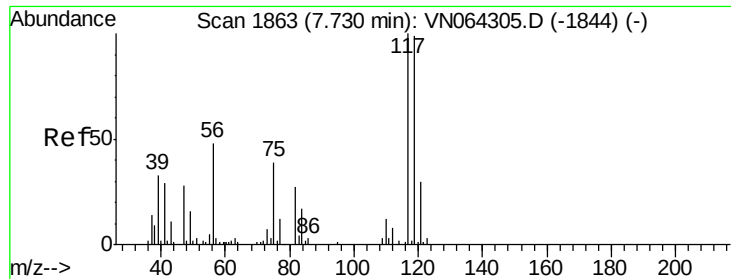
MMDadoda  
 10/27/2020 2:21:00 PM



#32  
 1,1,1-Trichloroethane  
 Concen: 51.049 ug/l  
 RT: 7.53 min Scan# 1800  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 62.5  | 51.6  | 77.4  |
| 61      | 45.8  | 36.4  | 54.6  |





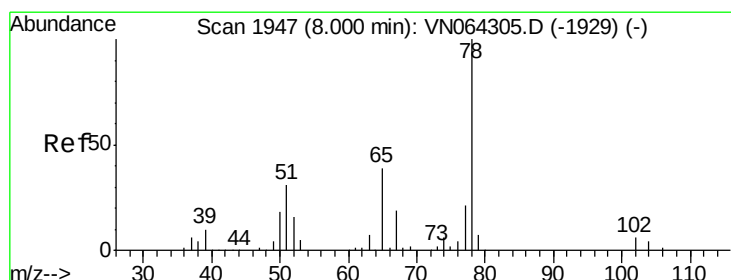
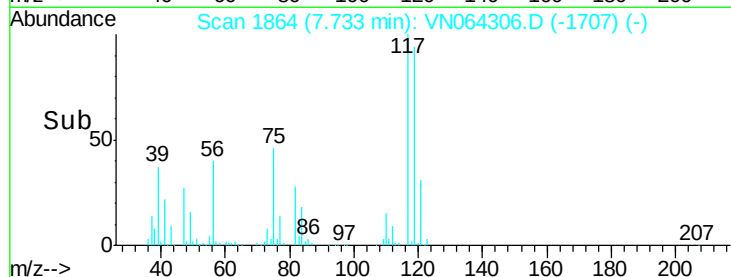
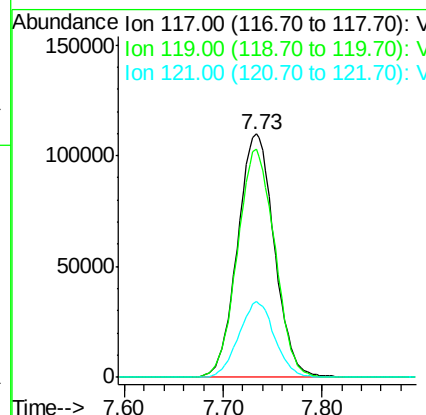
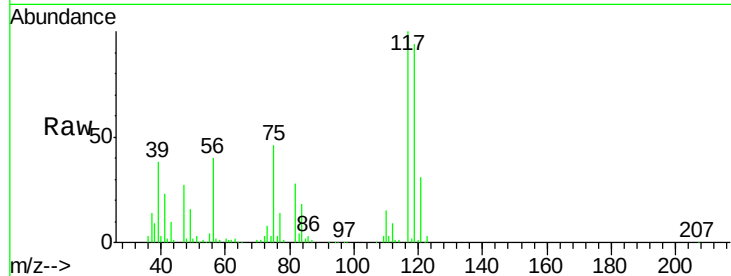
#33  
Carbon Tetrachloride  
Concen: 52.521 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.5  | 79.3  | 118.9 |
| 121     | 31.0  | 24.6  | 37.0  |

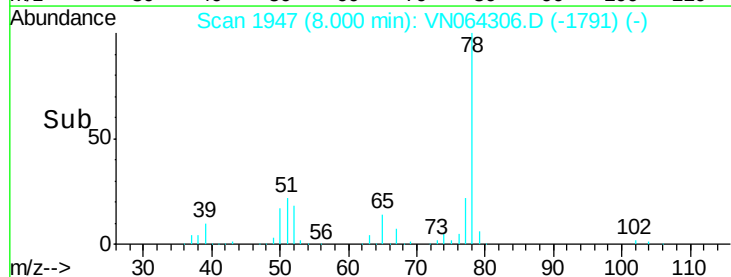
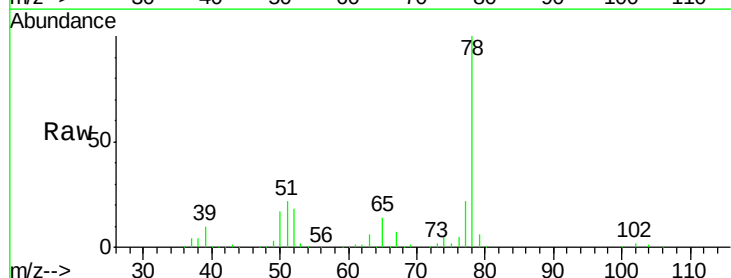
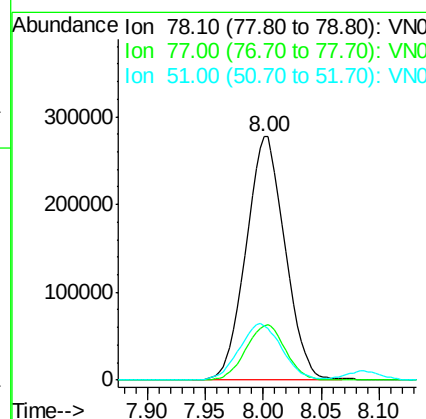
Manual Integrations  
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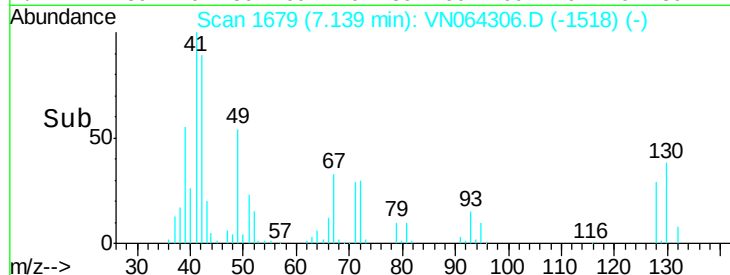
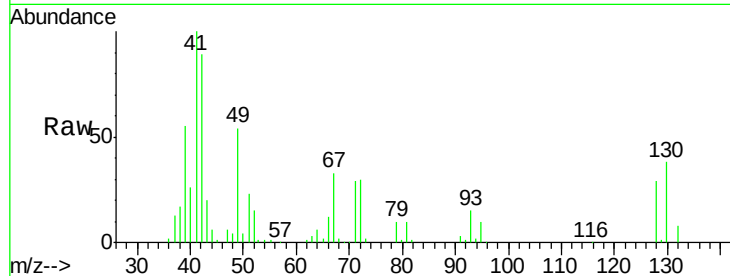
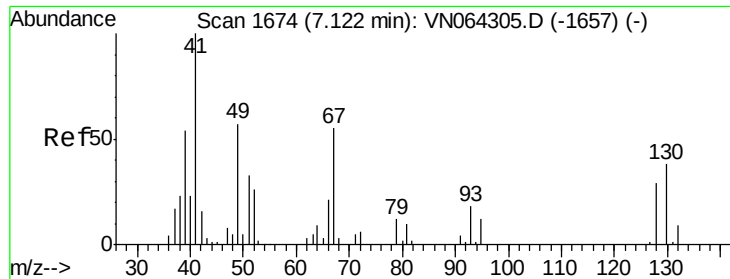
MMDadoda  
10/27/2020 2:21:00 PM



#34  
Benzene  
Concen: 50.455 ug/l  
RT: 8.00 min Scan# 1947  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.4  | 16.5  | 24.7  |
| 51      | 22.5  | 24.5  | 36.7# |





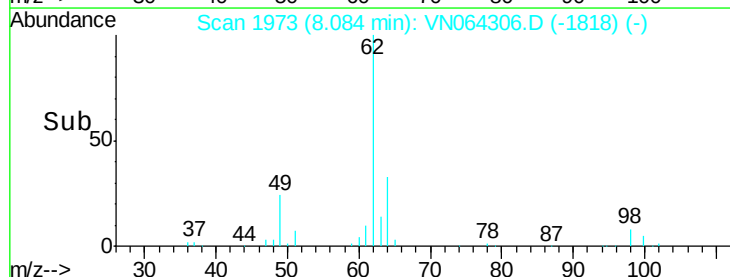
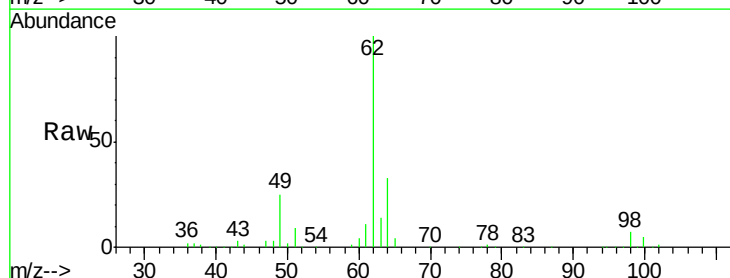
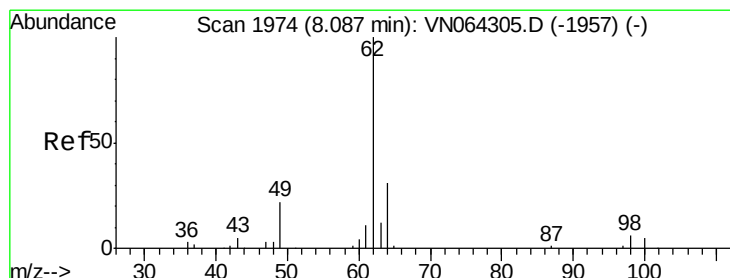
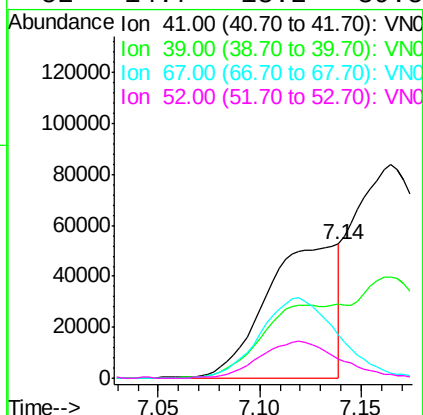
#35  
Methacrylonitrile  
Concen: 61.090 ug/l m  
RT: 7.14 min Scan# 1679  
Delta R.T. 0.02 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 129086 |       |       |
| 39      | 55.3 | 27.1  | 81.2   |       |       |
| 67      | 32.7 | 27.7  | 83.1   |       |       |
| 52      | 14.7 | 13.2  | 39.5   |       |       |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

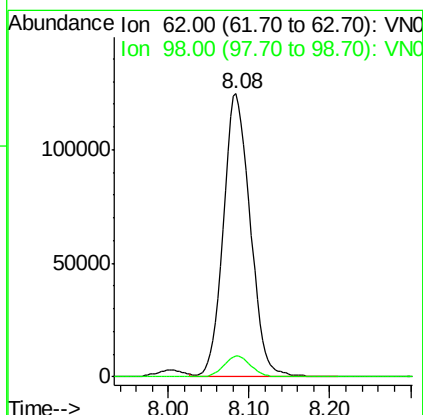
Manual Integrations  
APPROVED

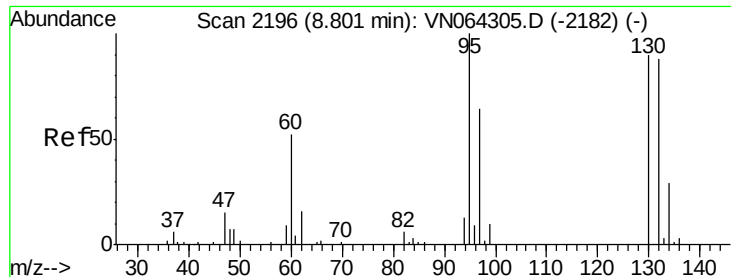
MMDadoda  
10/27/2020 2:21:00 PM



#36  
1,2-Dichloroethane  
Concen: 51.728 ug/l m  
RT: 8.08 min Scan# 1973  
Delta R.T. -0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 287843 |       |       |
| 98      | 0.0 | 3.4   | 5.0#   |       |       |





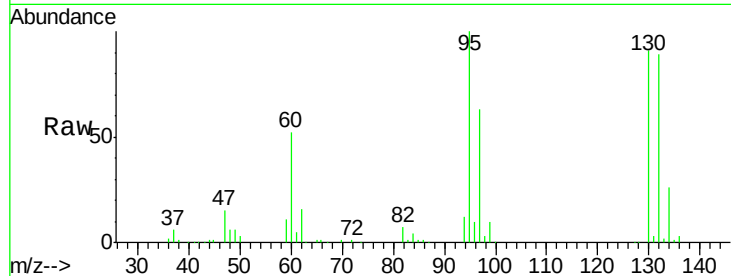
#37  
 Trichloroethene  
 Concen: 50.149 ug/l  
 RT: 8.80 min Scan# 2196  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC050

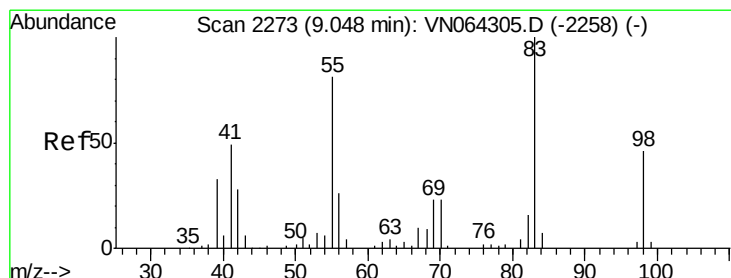
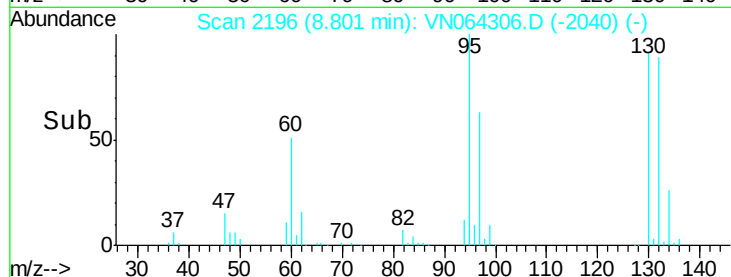
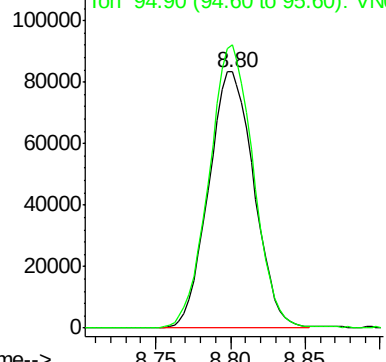
Tot Ion:130 Resp: 176020  
 Ion Ratio Lower Upper  
 130 100  
 95 110.2 88.8 133.2

Manual Integrations  
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MMDadoda  
 10/27/2020 2:21:00 PM

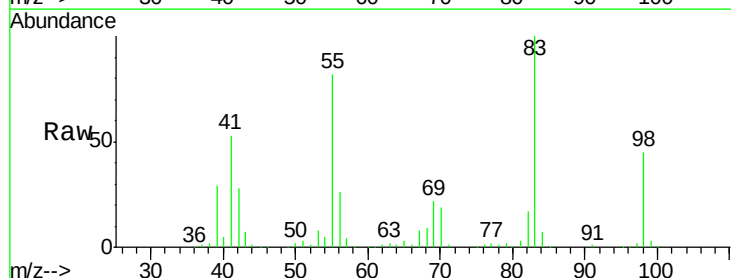


Abundance Ion 129.90 (129.60 to 130.60): V  
 Ion 94.90 (94.60 to 95.60): VN

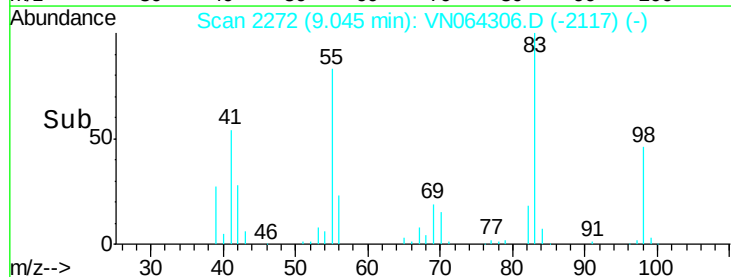
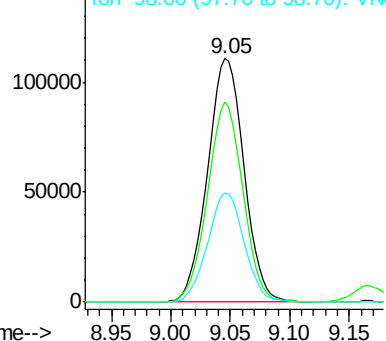


#38  
 Methylcyclohexane  
 Concen: 54.583 ug/l  
 RT: 9.05 min Scan# 2272  
 Delta R.T. -0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

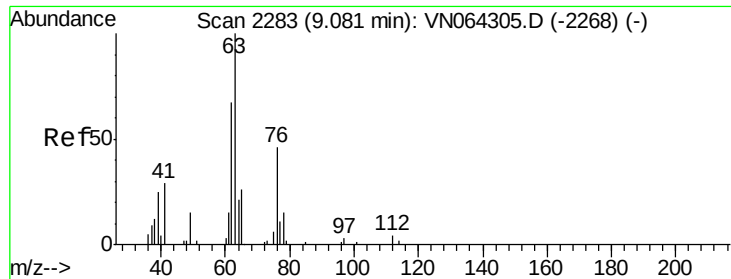
Tgt Ion: 83 Resp: 235752  
 Ion Ratio Lower Upper  
 83 100  
 55 79.7 40.3 120.8  
 98 45.0 22.8 68.3



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







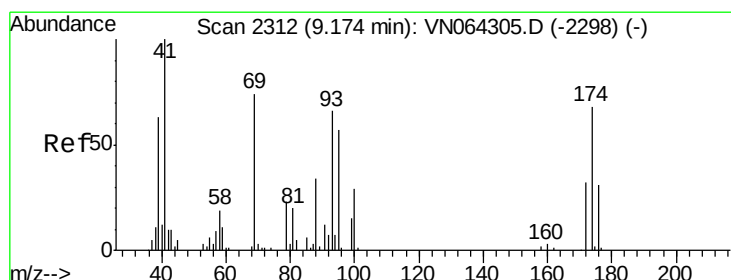
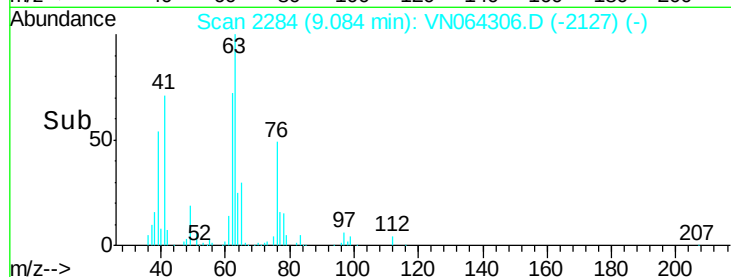
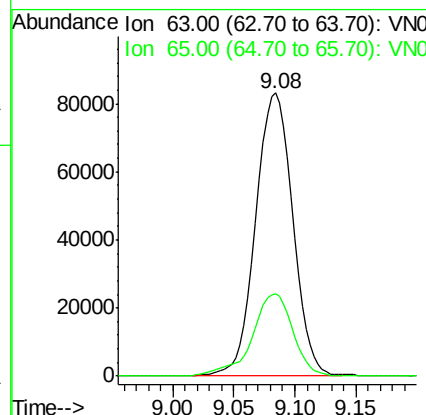
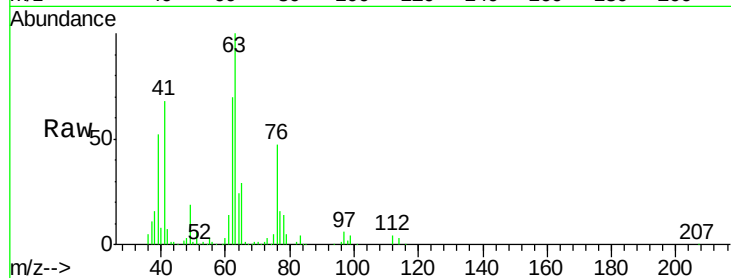
#39  
 1,2-Dichloropropane  
 Concen: 50.716 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

Tot Ion: 63 Resp: 175758  
 Ion Ratio Lower Upper  
 63 100  
 65 28.9 22.6 33.8

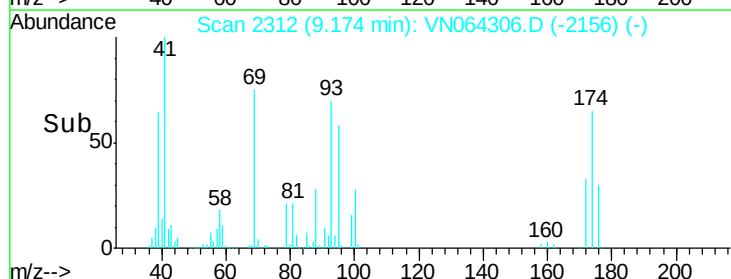
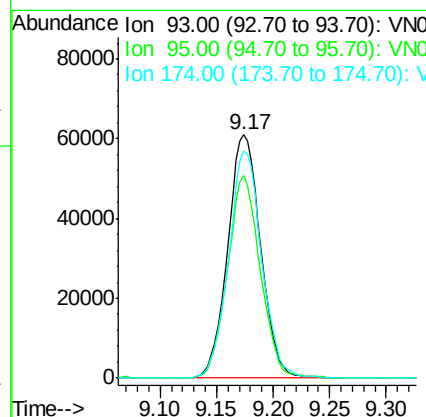
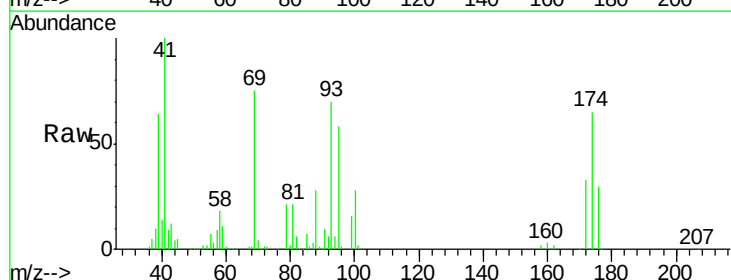
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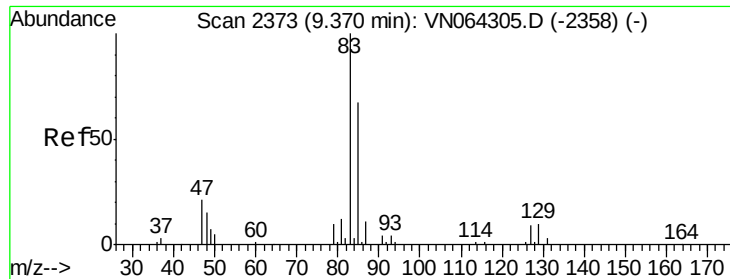
MMDadoda  
 10/27/2020 2:21:00 PM



#40  
 Dibromomethane  
 Concen: 51.574 ug/l  
 RT: 9.17 min Scan# 2312  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

Tgt Ion: 93 Resp: 123671  
 Ion Ratio Lower Upper  
 93 100  
 95 82.5 0.0 174.4  
 174 93.4 0.0 188.0





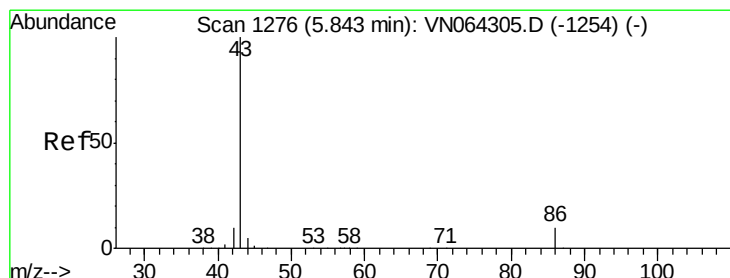
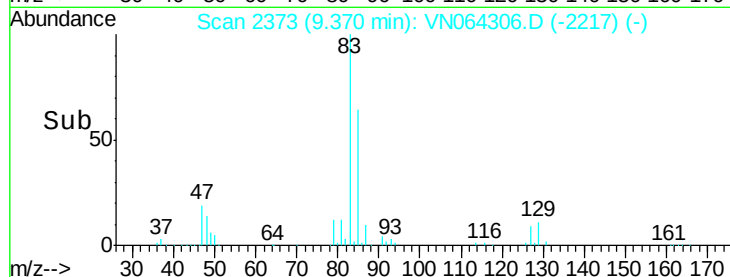
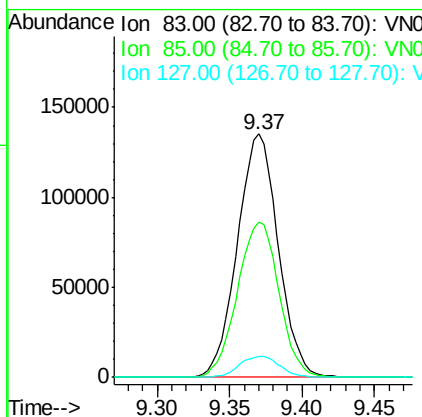
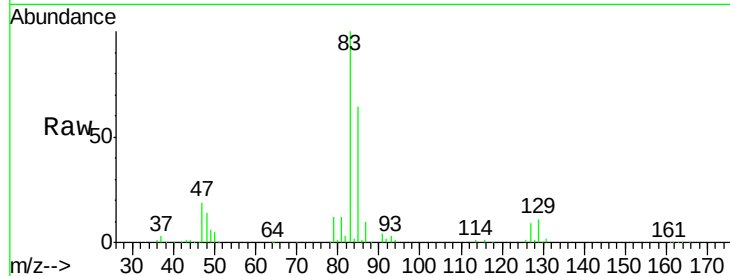
#41  
Bromodichloromethane  
Concen: 51.026 ug/l  
RT: 9.37 min Scan# 2373  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

| Tot Ion   | 83   | Resp  | 264922 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 63.6 | 53.4  | 80.0   |
| 127       | 8.6  | 7.0   | 10.4   |

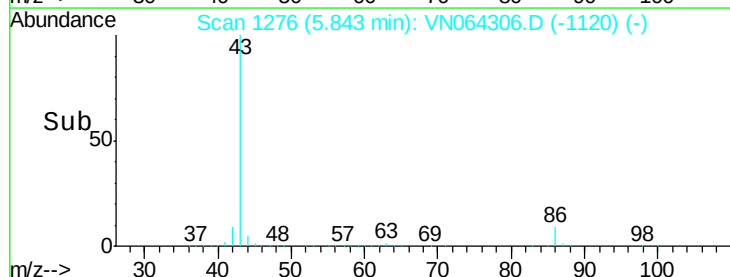
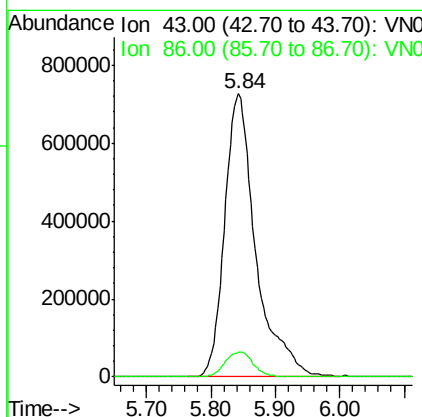
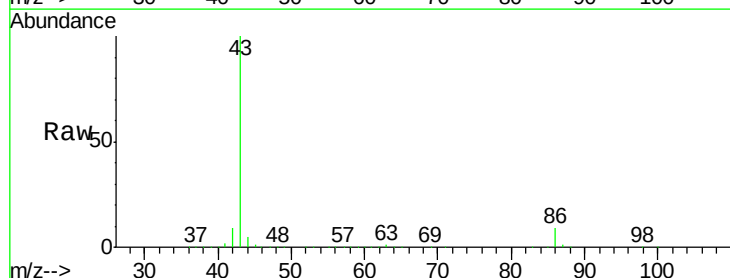
Manual Integrations  
APPROVED

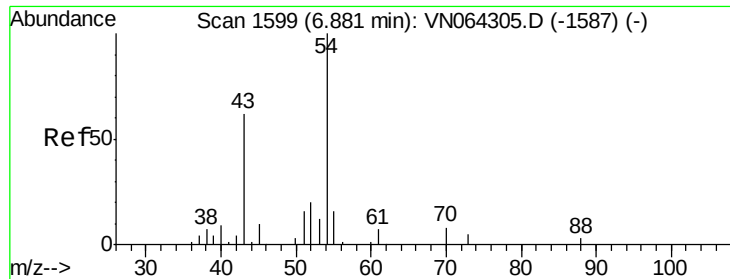
MMDadoda  
10/27/2020 2:21:00 PM



#42  
Vinyl Acetate  
Concen: 264.274 ug/l  
RT: 5.84 min Scan# 1276  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

| Tgt Ion   | 43  | Resp  | 2441400 |
|-----------|-----|-------|---------|
| Ion Ratio | 100 | Lower | Upper   |
| 43        | 100 |       |         |
| 86        | 8.1 | 6.6   | 9.8     |





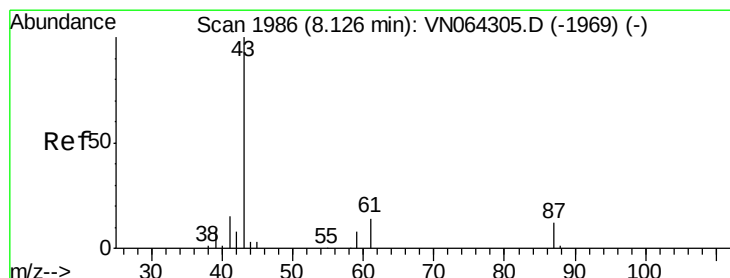
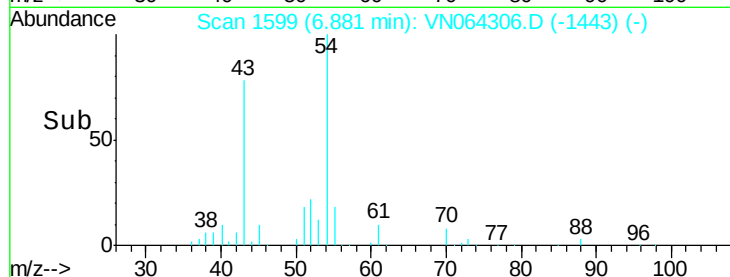
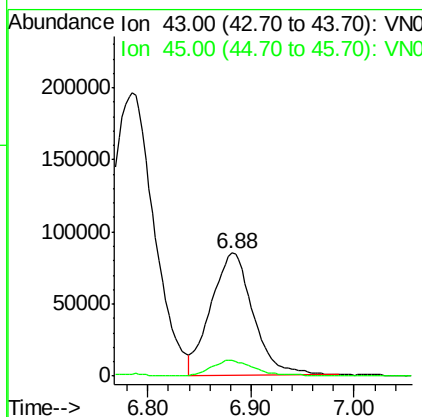
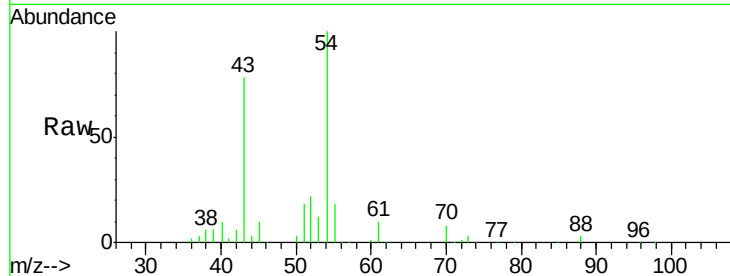
#43  
Ethyl Acetate  
Concen: 53.724 ug/l  
RT: 6.88 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

Tot Ion: 43 Resp: 238930  
Ion Ratio Lower Upper  
43 100  
45 12.1 4.0 6.0#

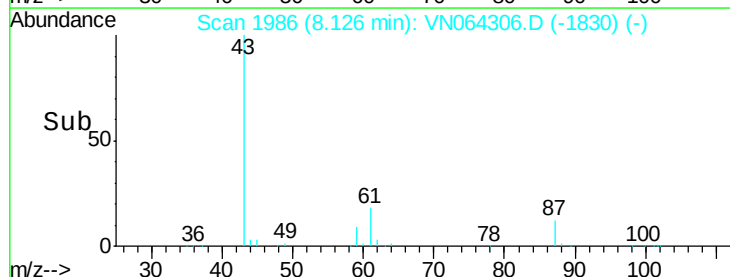
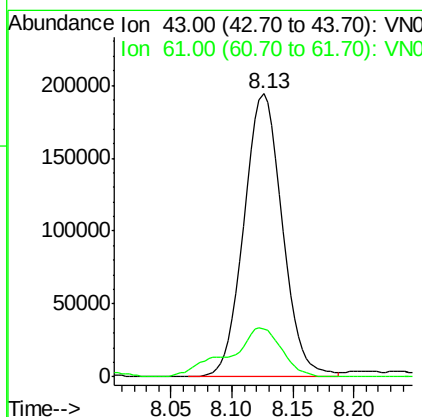
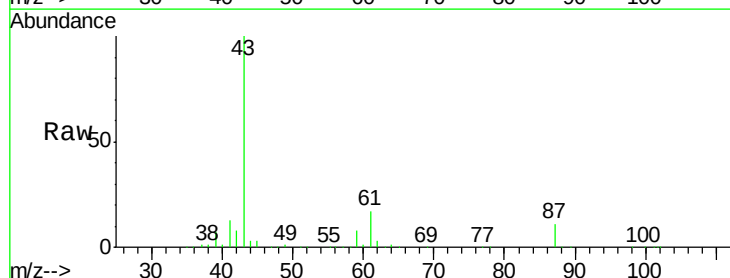
Manual Integrations  
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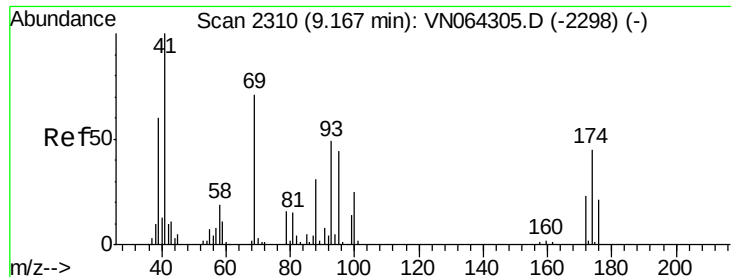
MMDadoda  
10/27/2020 2:21:00 PM



#44  
Isopropyl Acetate  
Concen: 53.307 ug/l  
RT: 8.13 min Scan# 1986  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Tgt Ion: 43 Resp: 423648  
Ion Ratio Lower Upper  
43 100  
61 16.1 14.3 21.5





#45

1,4-Dioxane

Concen: 1255.664 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

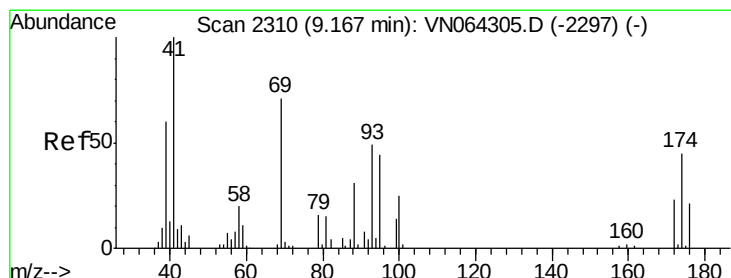
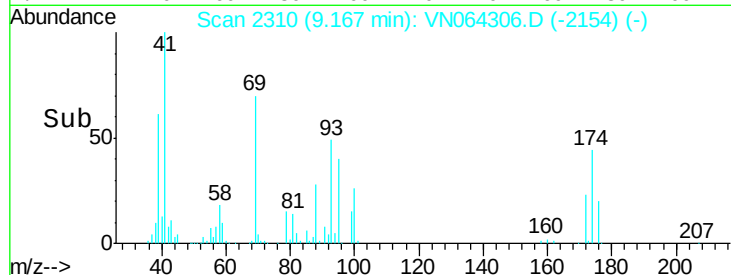
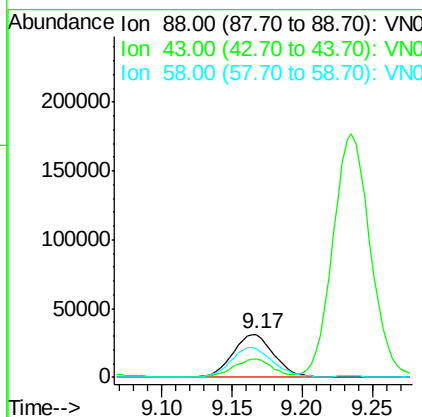
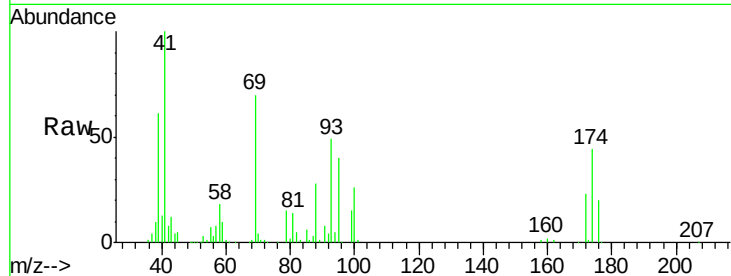
ClientSampleId :

VSTDIC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 64333 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 39.6  | 31.2  | 46.8  |
| 58       | 70.5  | 55.4  | 83.2  |

Manual Integrations  
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10/27/2020 2:21:00 PM



#46

Methyl methacrylate

Concen: 55.144 ug/l

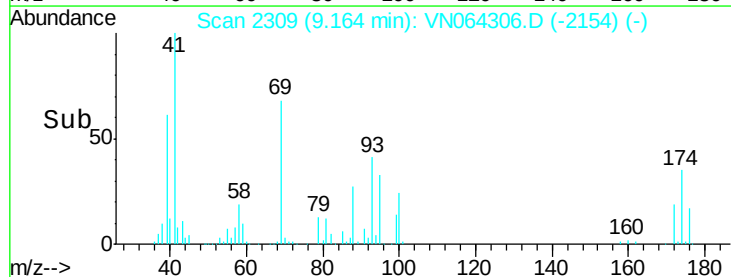
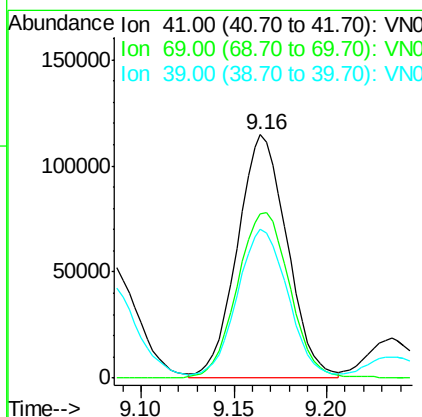
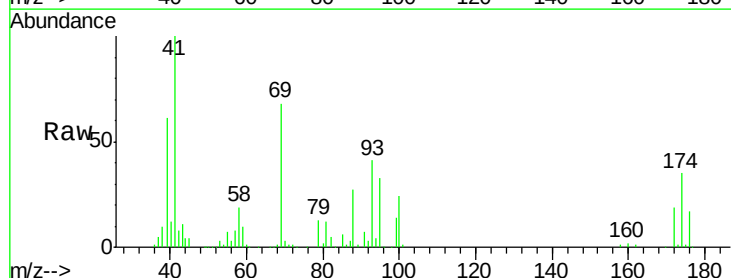
RT: 9.16 min Scan# 2309

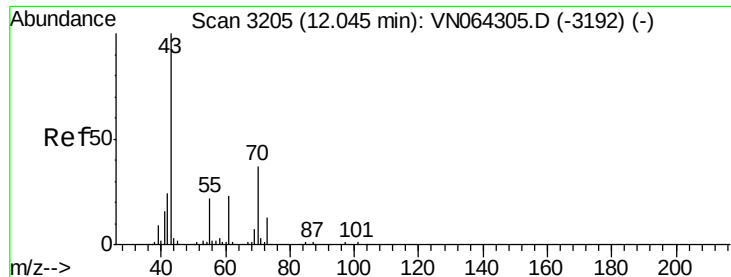
Delta R.T. -0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 213030 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 68.0  | 35.3  | 105.9  |
| 39       | 60.9  | 30.2  | 90.6   |





#47

n-amvl Acetate

Concen: 53.422 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050

Tot Ion: 43 Resp: 367697

Ion Ratio Lower Upper

43 100

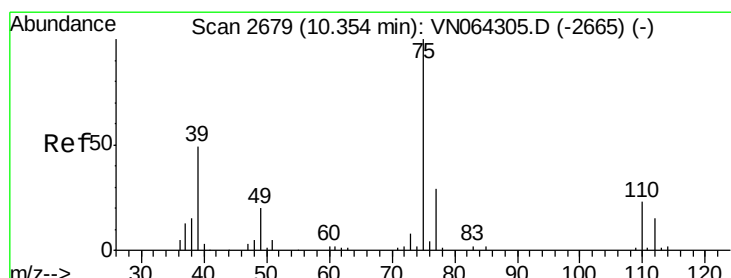
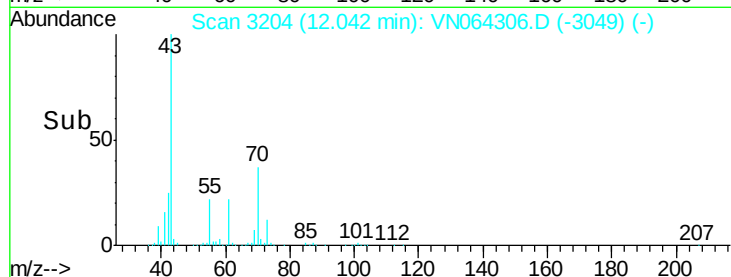
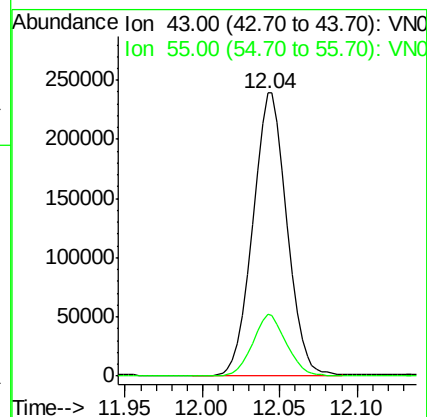
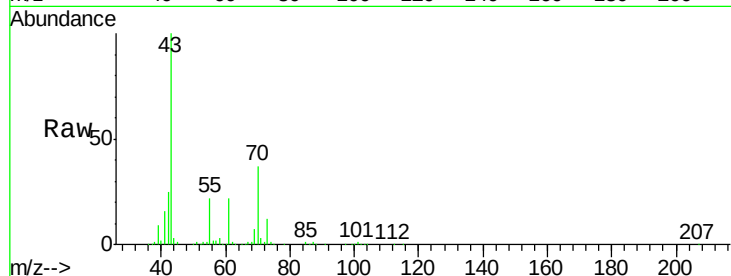
55 21.7 17.3 25.9

Manual Integrations

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10/27/2020 2:21:00 PM



#48

t-1,3-Dichloropropene

Concen: 50.995 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064306.D

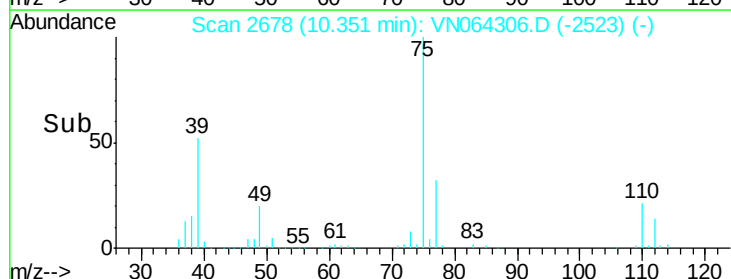
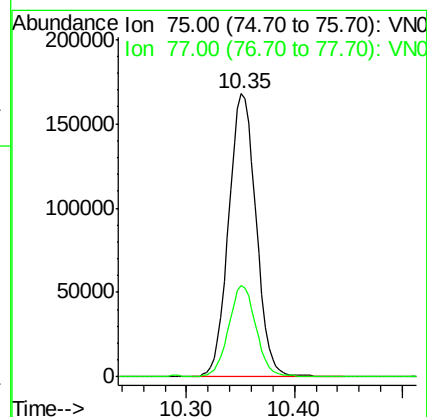
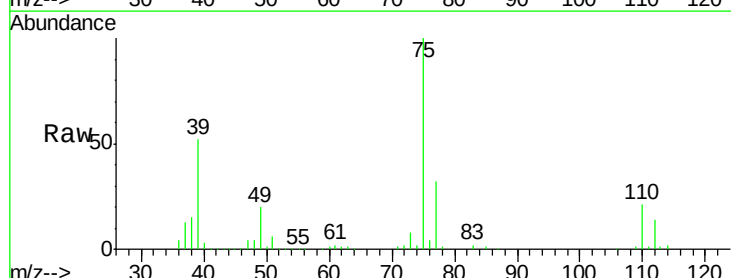
Acq: 26 Oct 2020 16:42

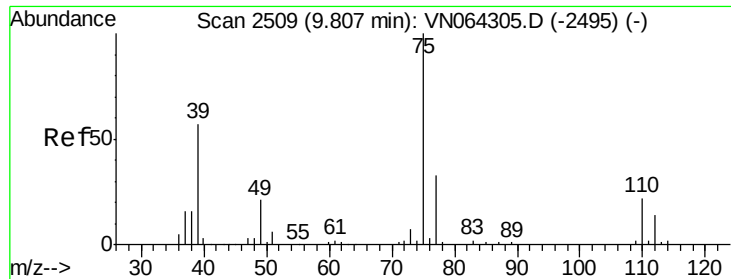
Tgt Ion: 75 Resp: 297530

Ion Ratio Lower Upper

75 100

77 32.0 23.7 35.5





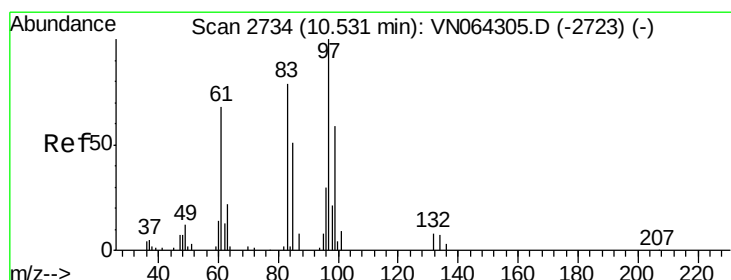
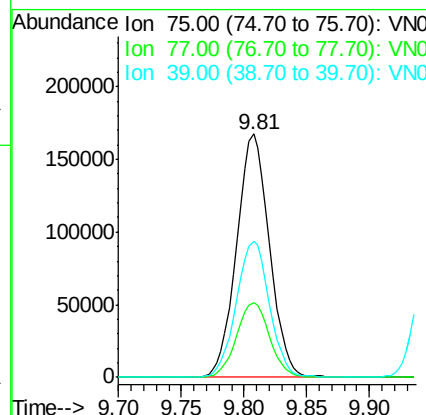
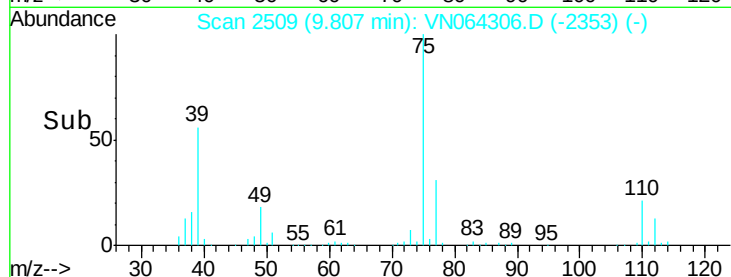
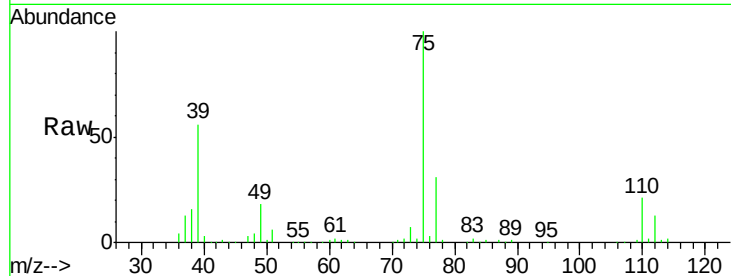
#49  
 cis-1,3-Dichloropropene  
 Concen: 50.519 ug/l  
 RT: 9.81 min Scan# 2509  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 77      | 30.6  | 26.7 | 40.1  |       |
| 39      | 55.7  | 45.9 | 68.9  |       |

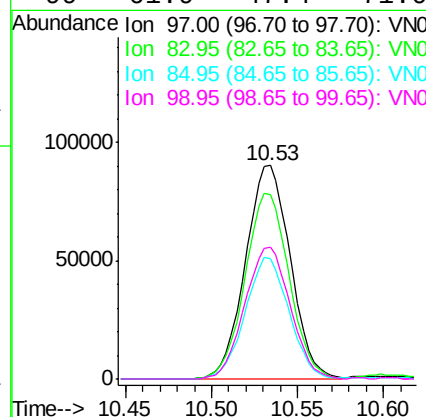
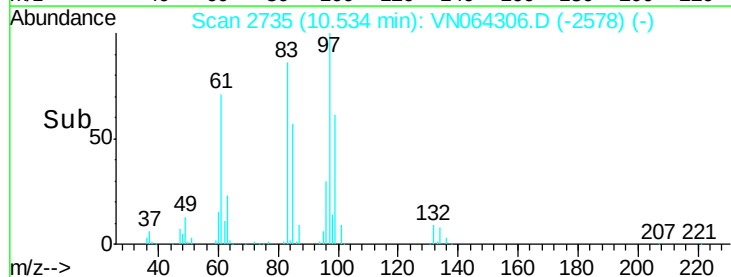
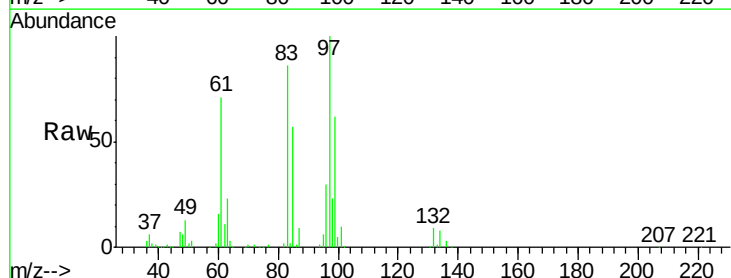
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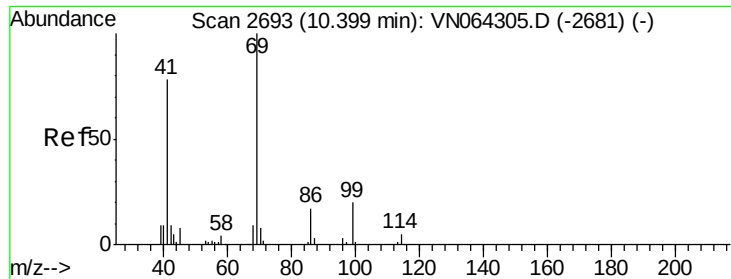
MMDadoda  
 10/27/2020 2:21:00 PM



#50  
 1,1,2-Trichloroethane  
 Concen: 50.823 ug/l  
 RT: 10.53 min Scan# 2735  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 97      | 100   |      |       |       |
| 83      | 86.3  | 63.2 | 94.8  |       |
| 85      | 56.6  | 41.0 | 61.6  |       |
| 99      | 61.9  | 47.4 | 71.0  |       |





#51

Ethyl methacrylate

Concen: 52.513 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

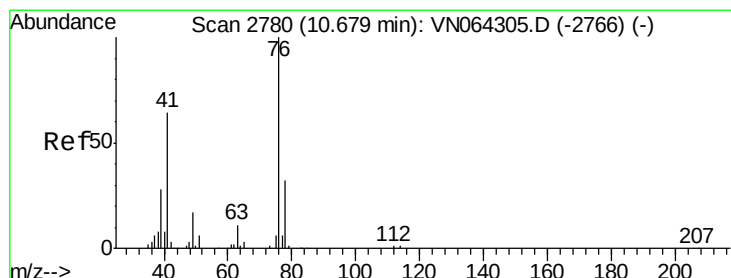
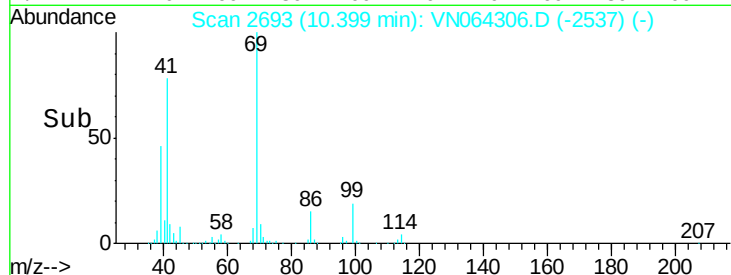
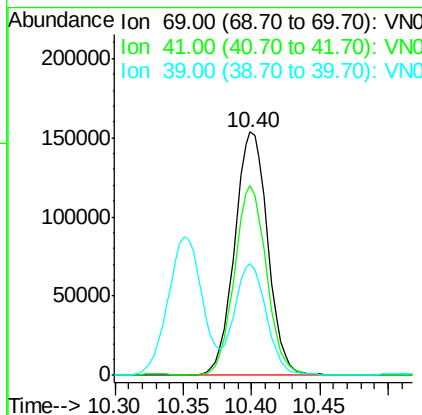
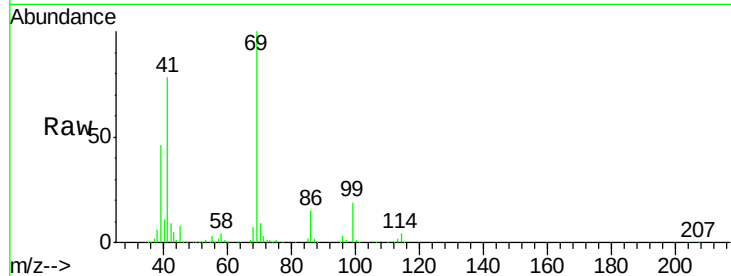
ClientSampleId :

VSTDIC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 69    | Resp: | 259087 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 77.8  | 38.8  | 116.4  |
| 39       | 45.6  | 24.6  | 74.0   |

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10/27/2020 2:21:00 PM



#52

1,3-Dichloropropane

Concen: 50.926 ug/l

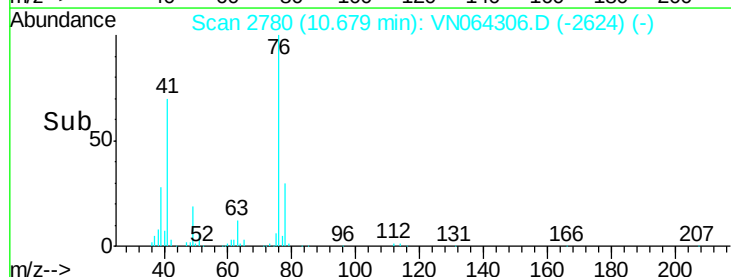
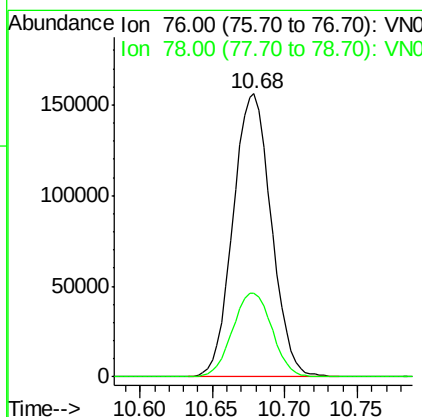
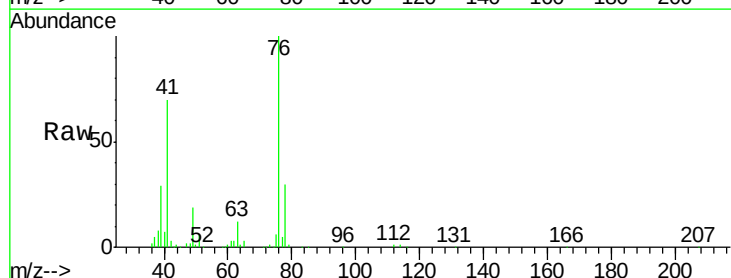
RT: 10.68 min Scan# 2780

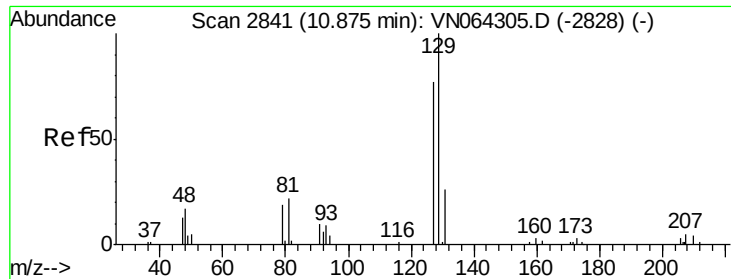
Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 76    | Resp: | 286812 |
| Ion      | Ratio | Lower | Upper  |
| 76       | 100   |       |        |
| 78       | 30.5  | 0.0   | 61.6   |





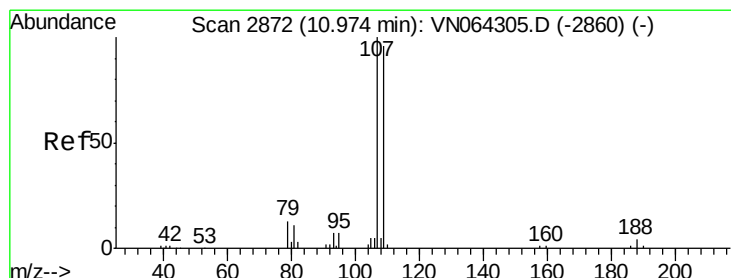
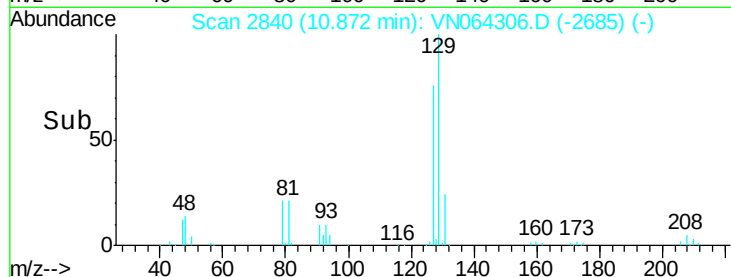
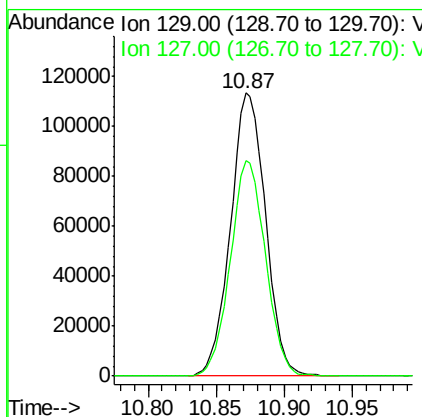
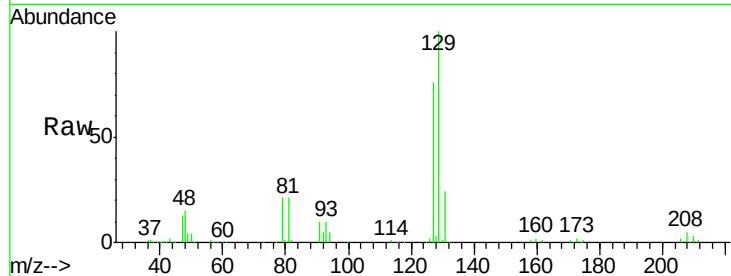
#53  
Dibromochloromethane  
Concen: 50.973 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

Tot Ion:129 Resp: 202474  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.9 116.7

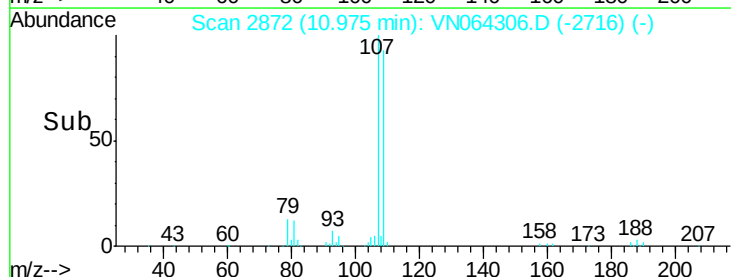
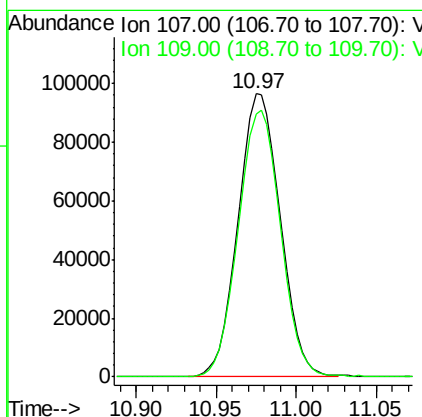
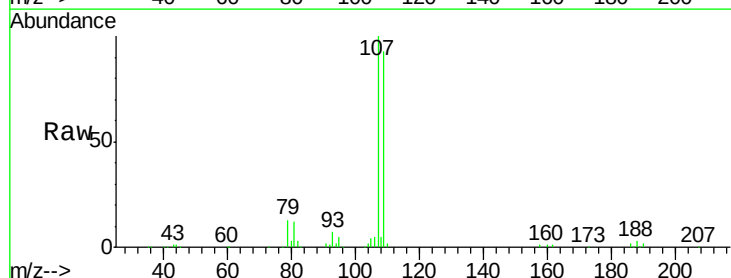
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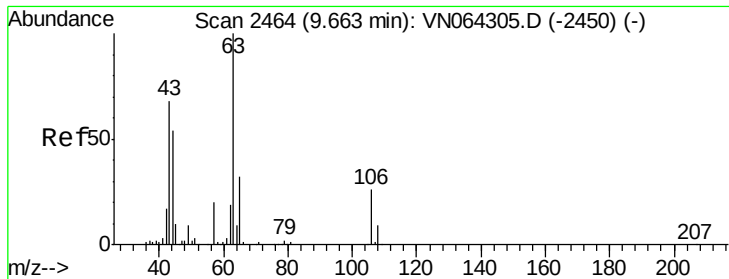


#54  
1,2-Dibromoethane  
Concen: 50.692 ug/l  
RT: 10.97 min Scan# 2872  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Tgt Ion:107 Resp: 173738  
Ion Ratio Lower Upper  
107 100  
109 94.4 74.8 112.2







#55

2-Chloroethyl vinyl ether

Concen: 258.379 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

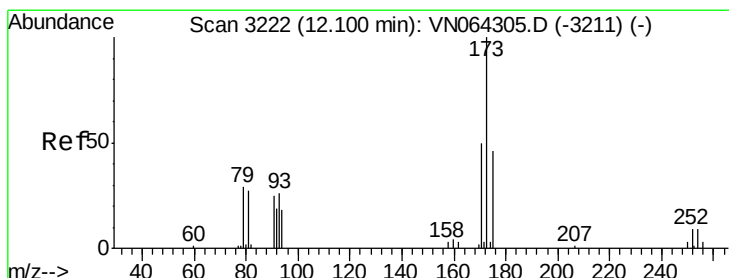
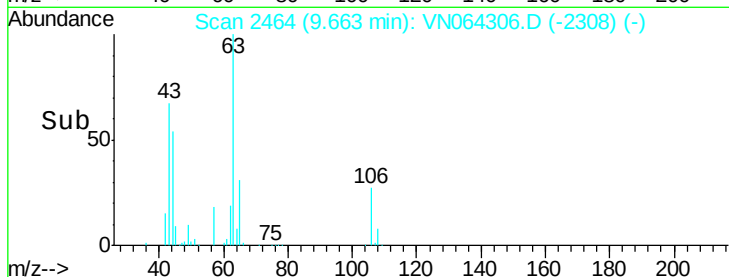
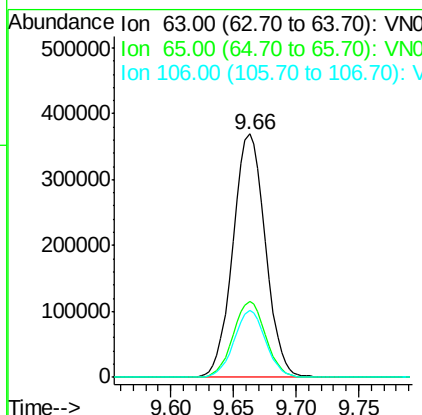
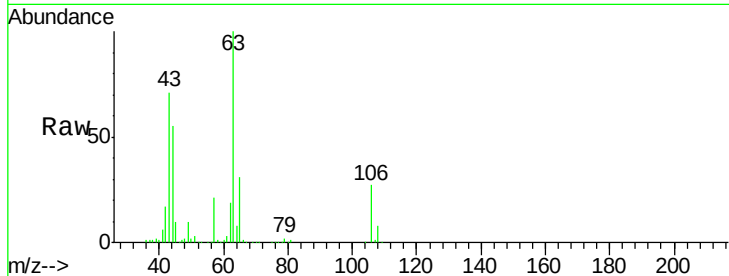
ClientSampleId :

VSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 63    | Resp: | 663653 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 65        | 31.4  | 25.6  | 38.4   |
| 106       | 26.7  | 20.7  | 31.1   |

Manual Integrations  
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#56

Bromoform

Concen: 50.664 ug/l

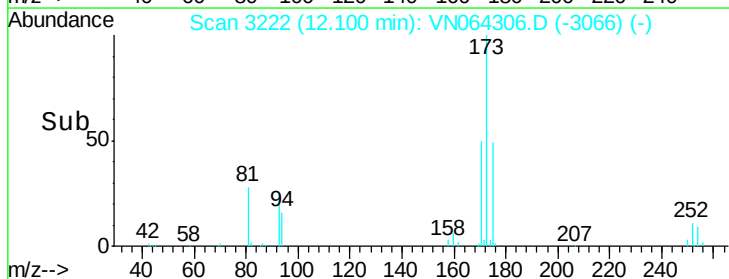
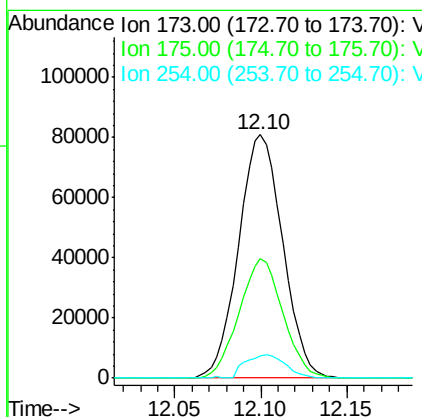
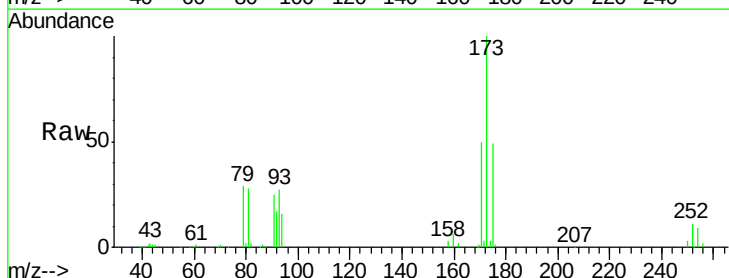
RT: 12.10 min Scan# 3222

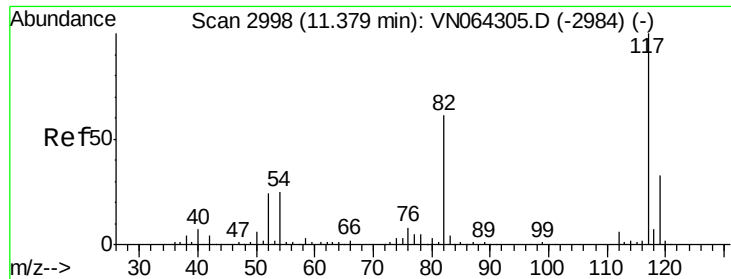
Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 173   | Resp: | 143756 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.8  | 37.3  | 55.9   |
| 254       | 8.7   | 4.8   | 7.2#   |





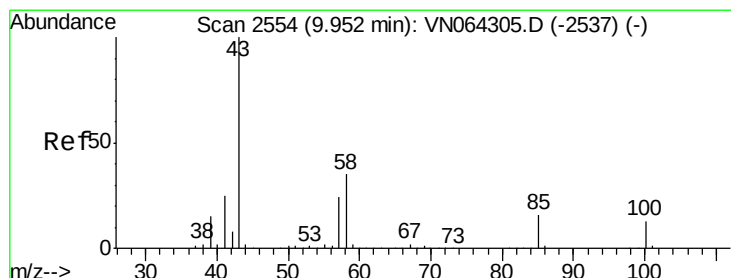
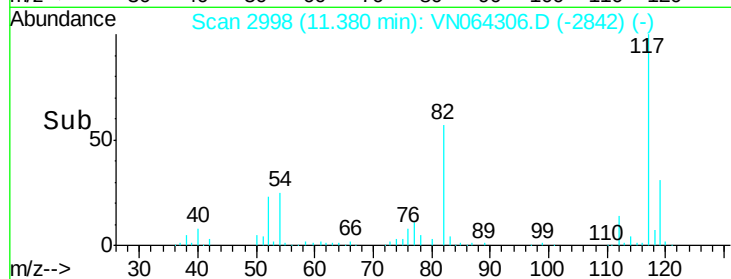
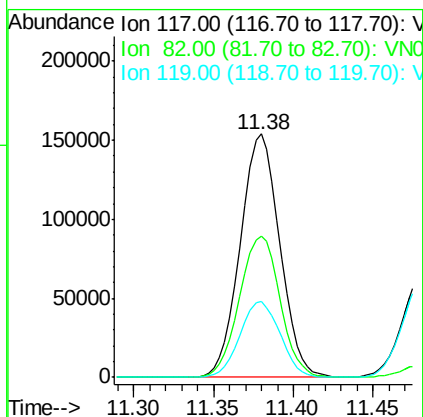
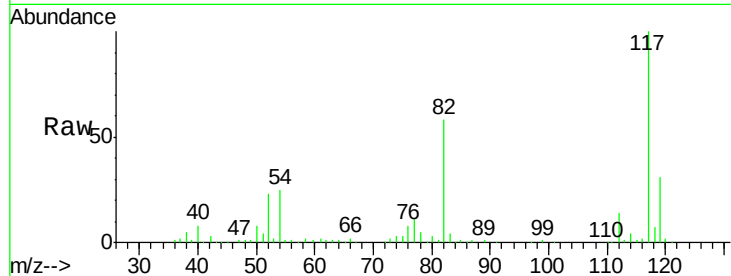
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 59.8  | 48.7  | 73.1  |
| 119     | 31.6  | 25.1  | 37.7  |

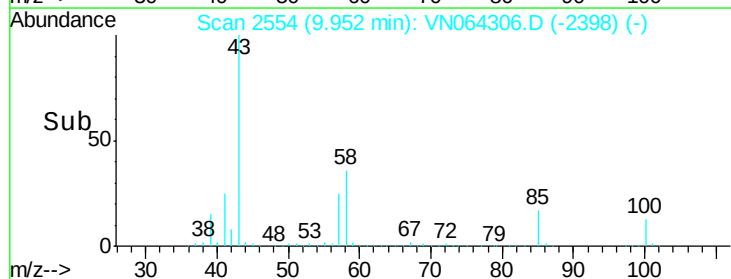
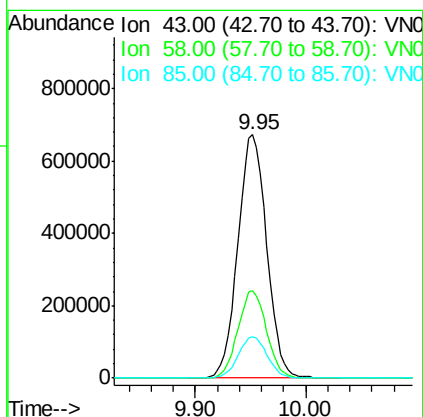
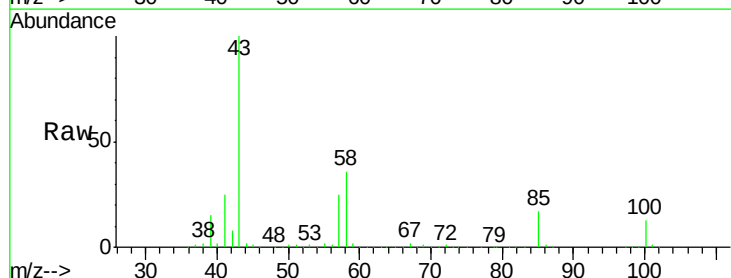
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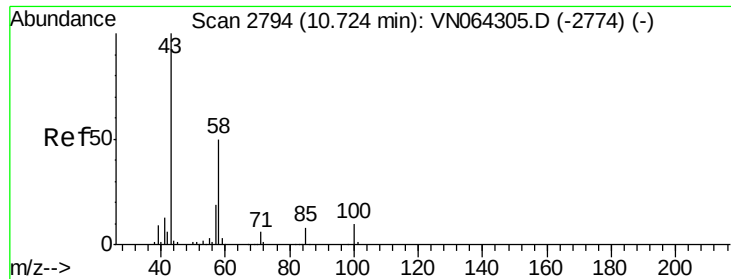
MMDadoda  
10/27/2020 2:21:00 PM



#58  
4-Methyl-2-Pentanone  
Concen: 271.818 ug/l  
RT: 9.95 min Scan# 2554  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 35.7  | 28.7  | 43.1  |
| 85      | 16.9  | 13.4  | 20.2  |





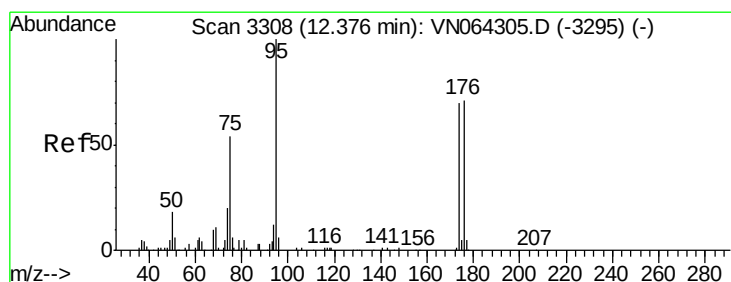
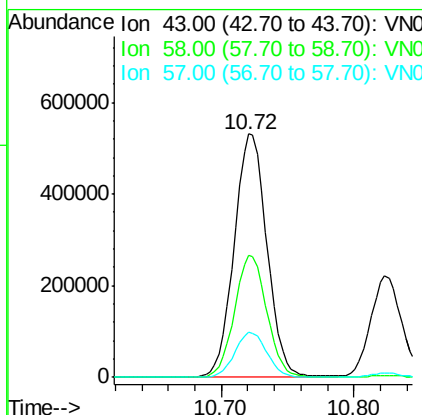
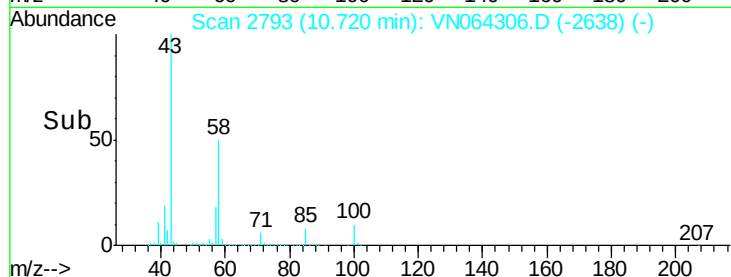
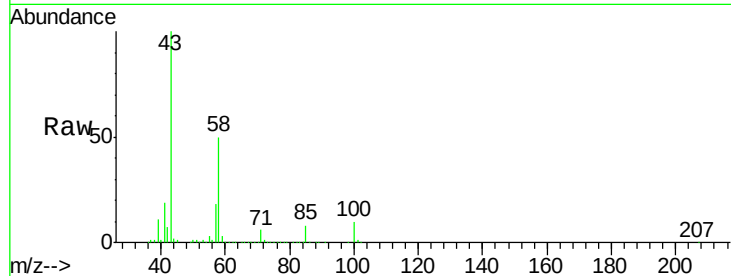
#59  
2-Hexanone  
Concen: 270.254 ug/l  
RT: 10.72 min Scan# 2793  
Delta R.T. -0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 49.6  | 39.4  | 59.2  |
| 57      | 18.2  | 14.8  | 22.2  |

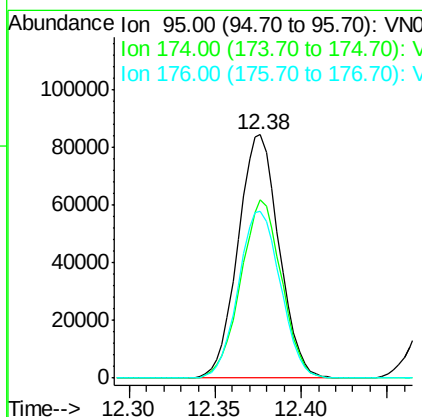
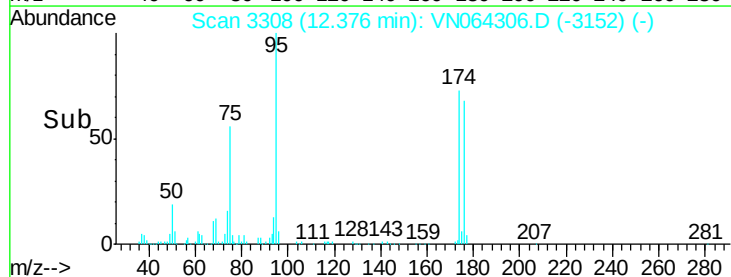
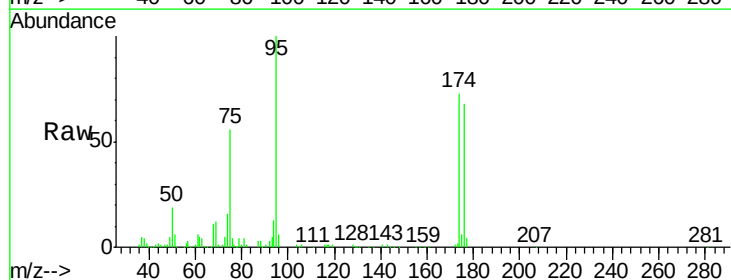
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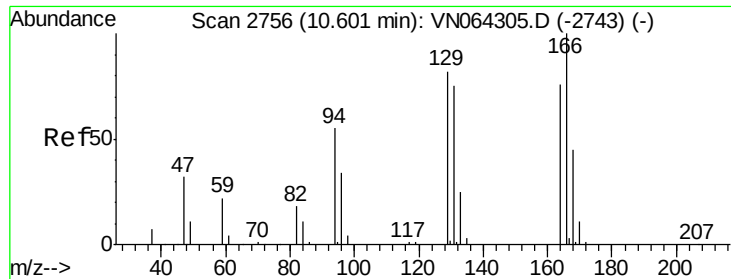
MMDadoda  
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#60  
4-Bromofluorobenzene  
Concen: 30.335 ug/l  
RT: 12.38 min Scan# 3308  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 72.6  | 57.6  | 86.4  |
| 176     | 70.3  | 55.5  | 83.3  |





#61

Tetrachloroethene

Concen: 49.410 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050

Tot Ion:164 Resp: 173698

Ion Ratio Lower Upper

164 100

166 128.5 105.4 158.0

129 101.1 86.4 129.6

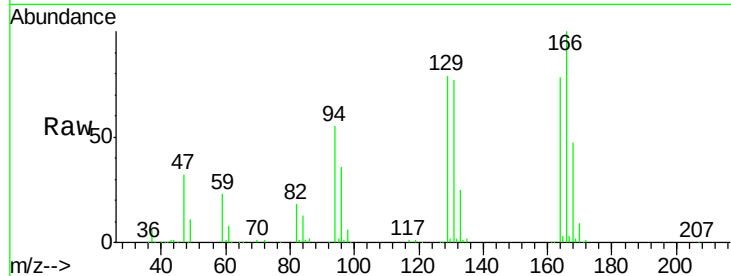
131 98.7 78.5 117.7

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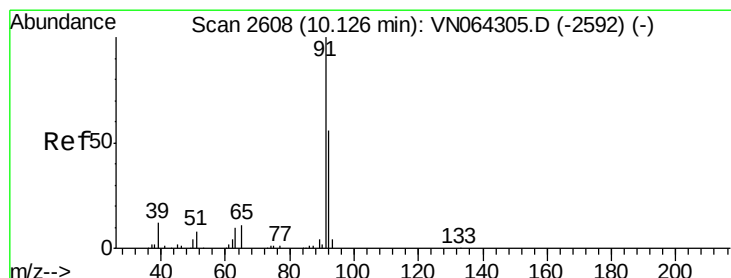
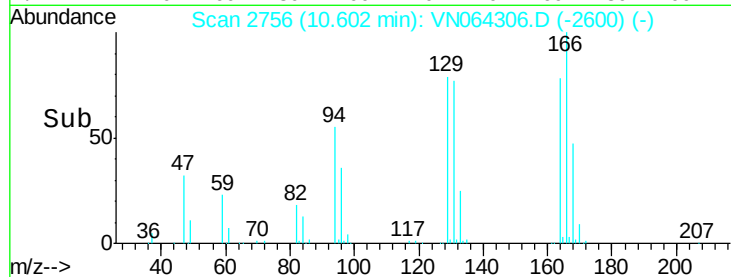
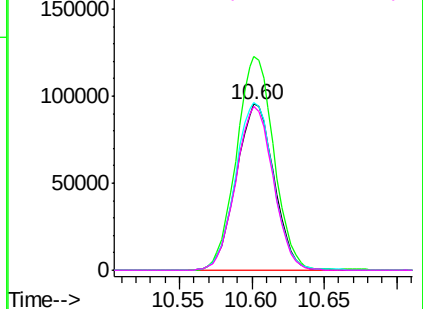


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 49.380 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064306.D

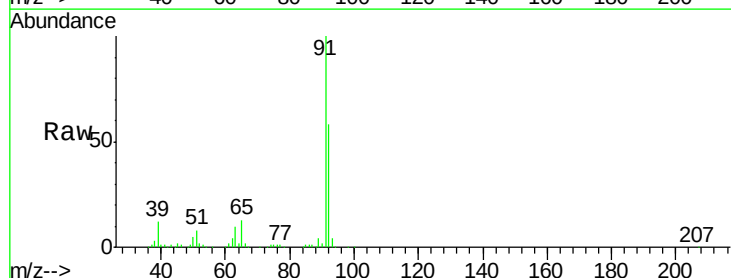
Acq: 26 Oct 2020 16:42

Tgt Ion: 91 Resp: 716293

Ion Ratio Lower Upper

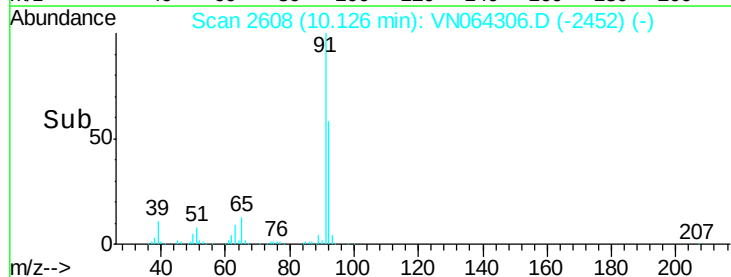
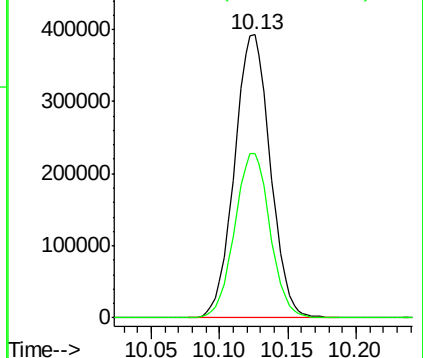
91 100

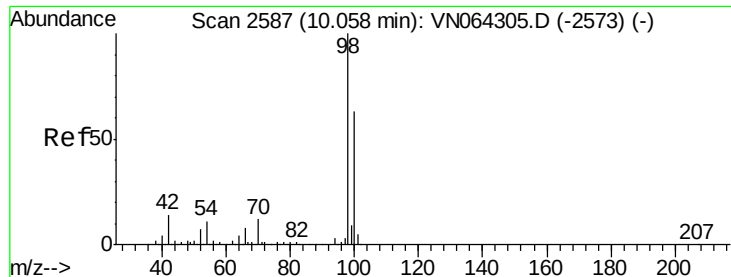
92 57.3 45.8 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.425 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050

Tot Ion: 98 Resp: 352169

Ion Ratio Lower Upper

98 100

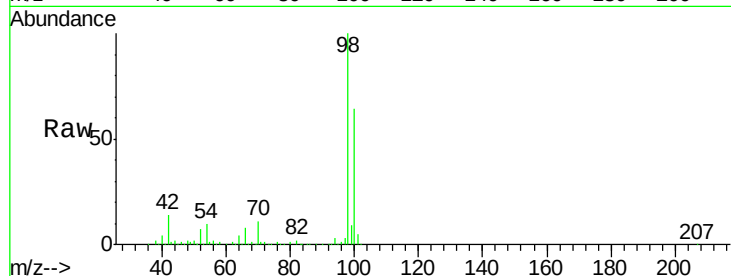
100 63.5 50.6 75.8

Manual Integrations

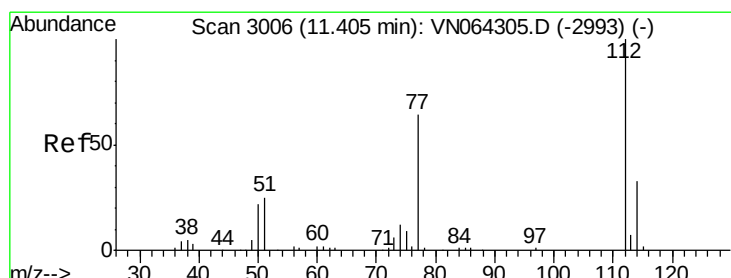
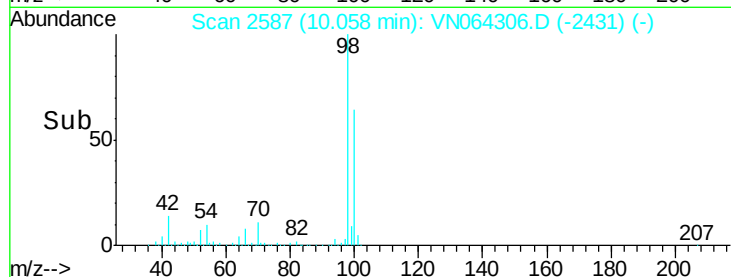
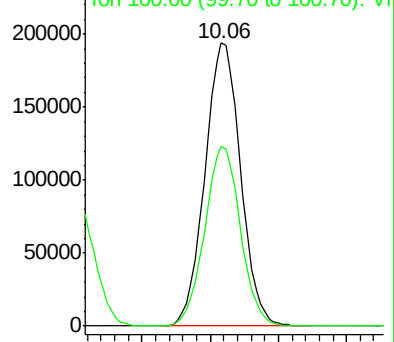
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Abundance Ion 98.00 (97.70 to 98.70): VN064305.D (-2573) (-)



#64

Chlorobenzene

Concen: 49.887 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064306.D

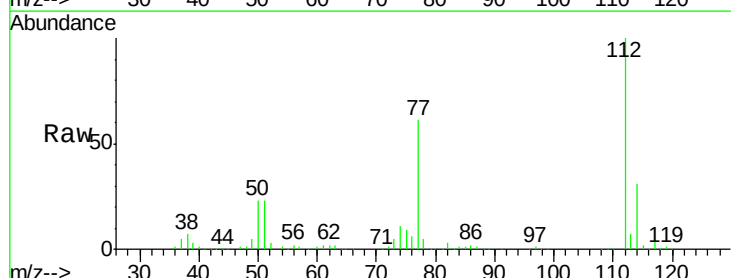
Acq: 26 Oct 2020 16:42

Tgt Ion: 112 Resp: 446751

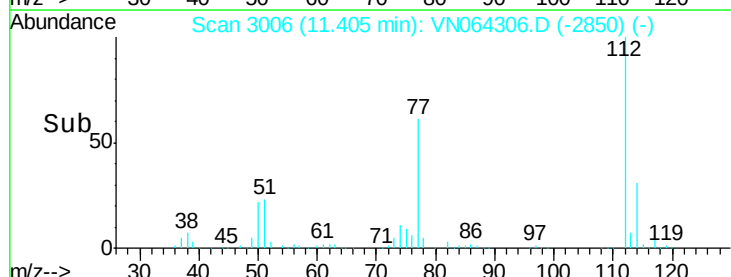
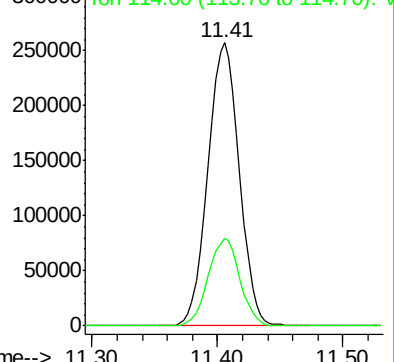
Ion Ratio Lower Upper

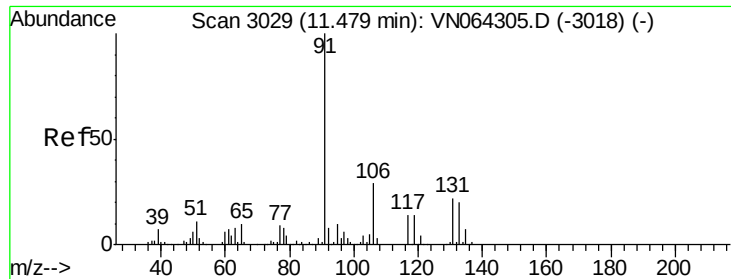
112 100

114 30.7 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): VN064305.D (-2993) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 50.263 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

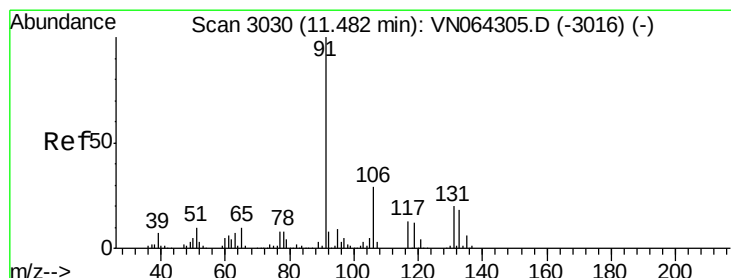
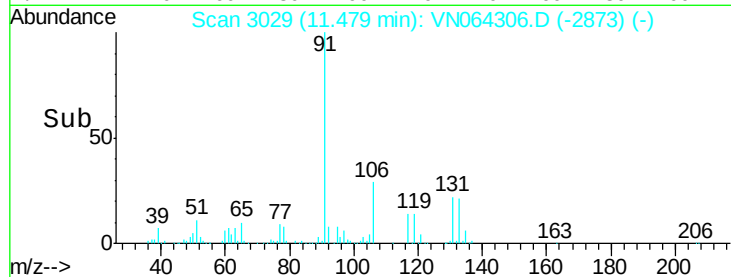
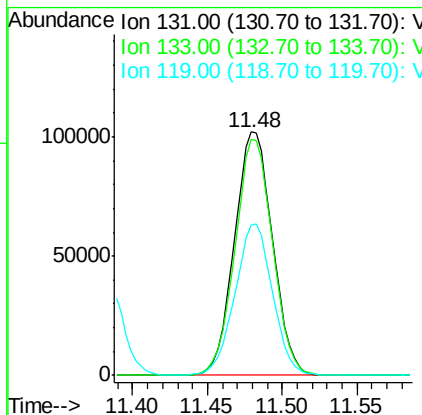
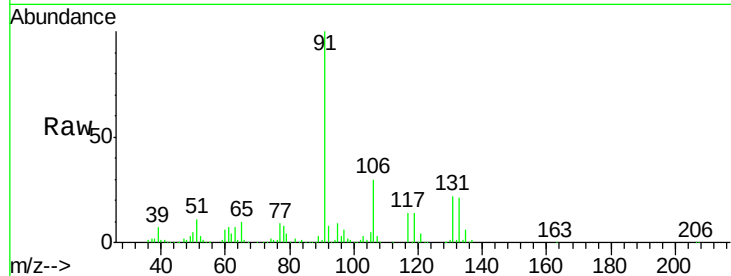
ClientSampleId :

VSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 131     | 100   | 180687 |       |       |
| 133     | 95.4  | 0.0    | 183.0 |       |
| 119     | 61.3  | 0.0    | 121.6 |       |

Manual Integrations  
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#66

Ethyl Benzene

Concen: 49.077 ug/l

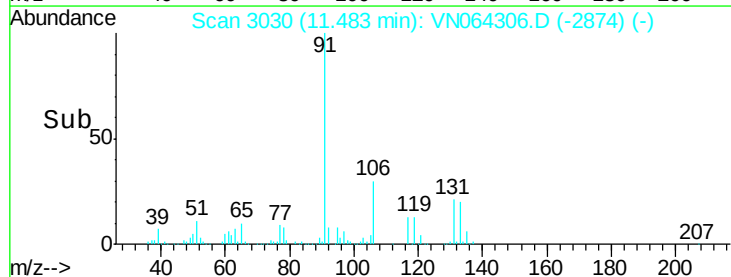
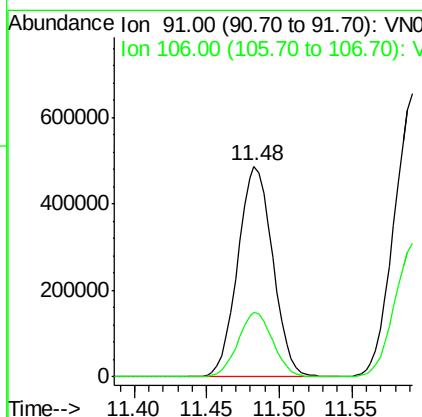
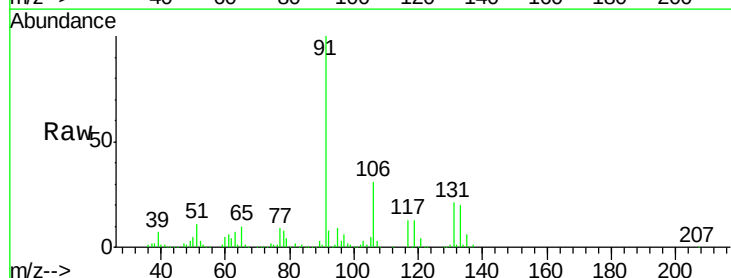
RT: 11.48 min Scan# 3030

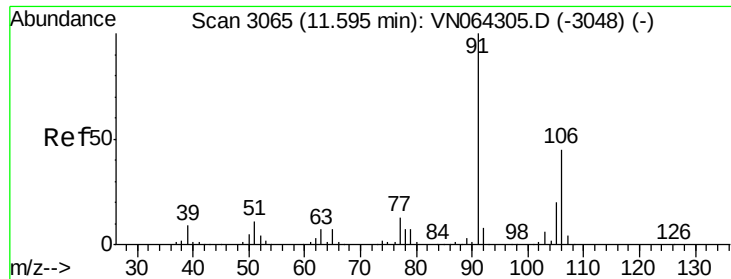
Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 819529 |       |       |
| 106     | 30.9  | 22.8   | 34.2  |       |





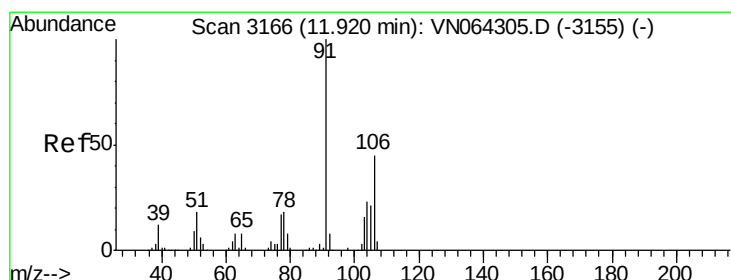
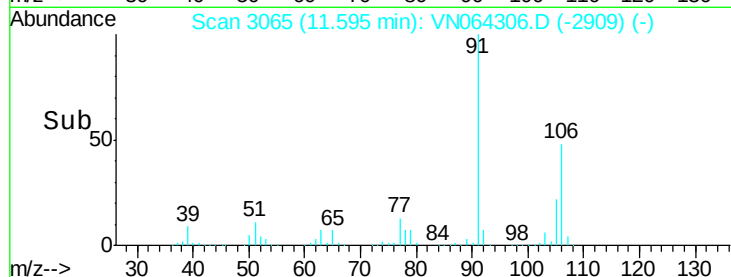
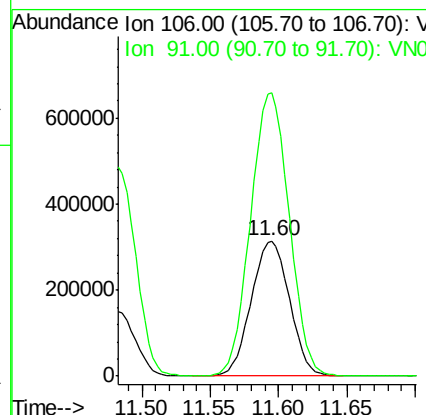
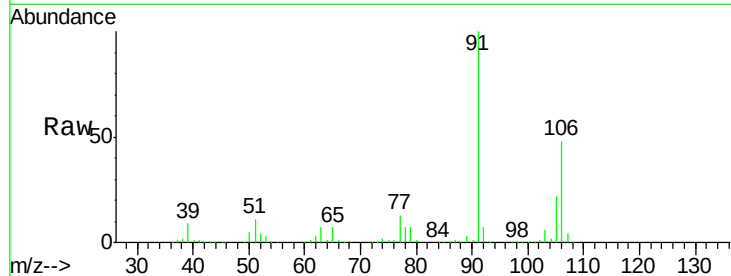
#67  
m/p-Xylenes  
Concen: 99.258 ug/l  
RT: 11.60 min Scan# 3065  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

Tot Ion:106 Resp: 609823  
Ion Ratio Lower Upper  
106 100  
91 211.5 176.2 264.2

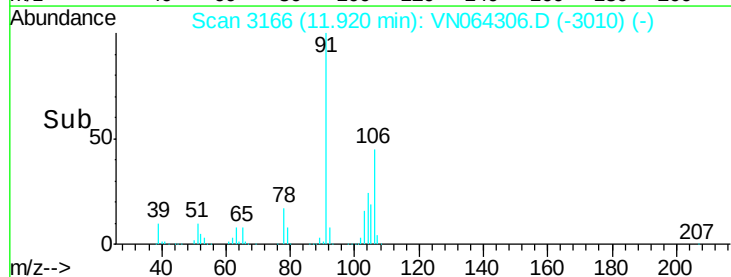
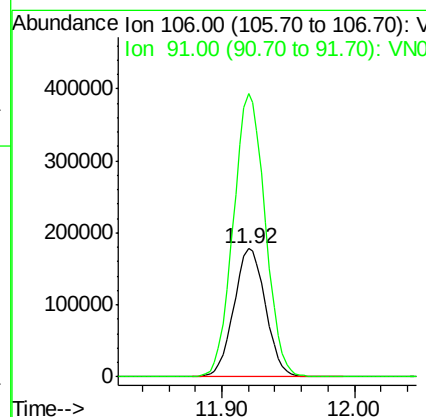
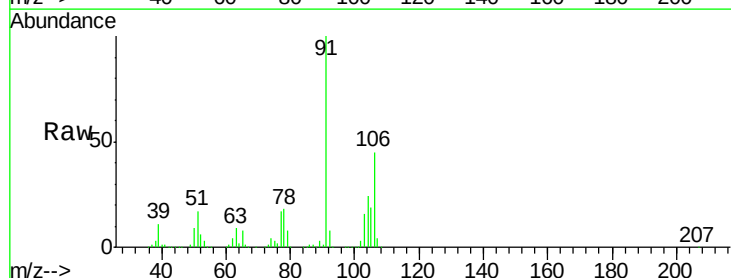
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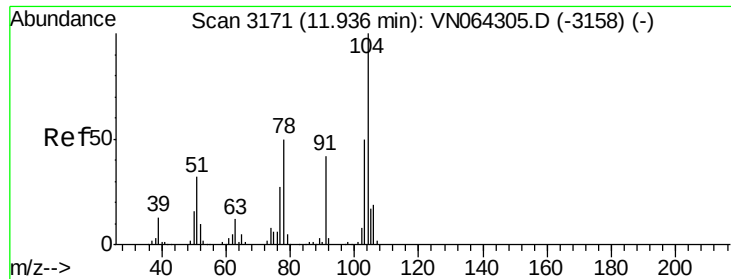
MMDadoda  
10/27/2020 2:21:00 PM



#68  
o-Xylene  
Concen: 49.453 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Tgt Ion:106 Resp: 295272  
Ion Ratio Lower Upper  
106 100  
91 222.0 112.9 338.6





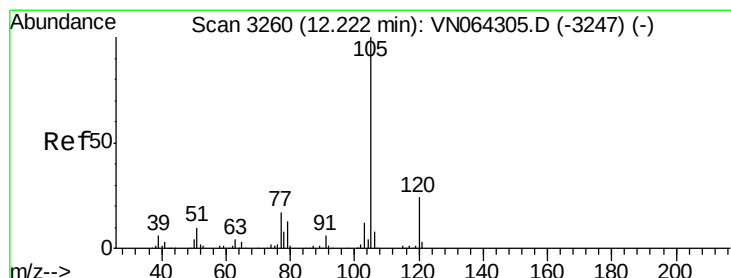
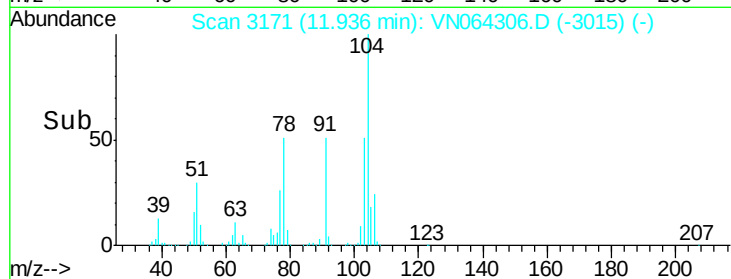
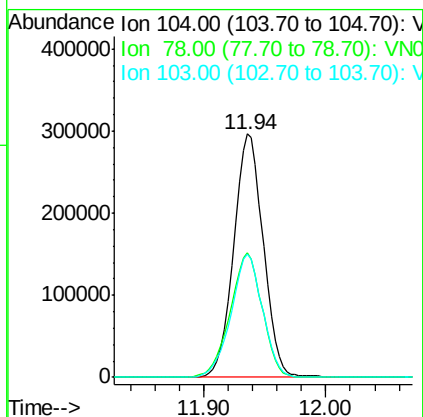
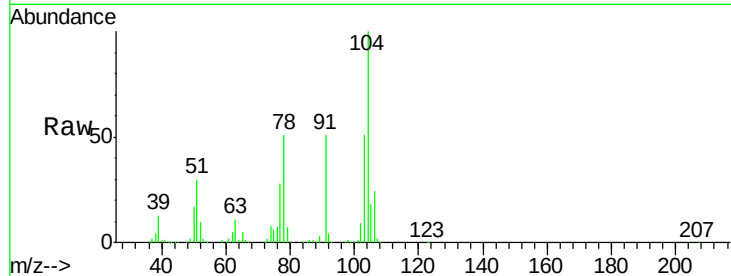
#69  
Stvrene  
Concen: 49.935 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 55.6  | 46.3  | 69.5  |
| 103     | 53.8  | 44.2  | 66.2  |

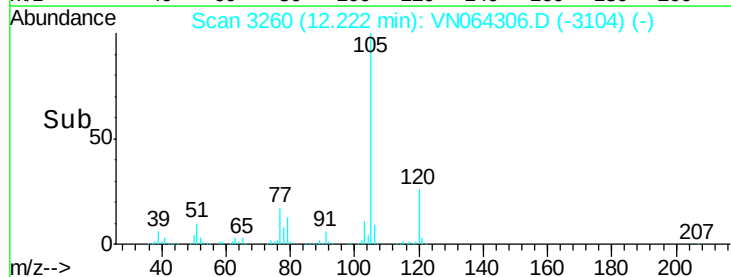
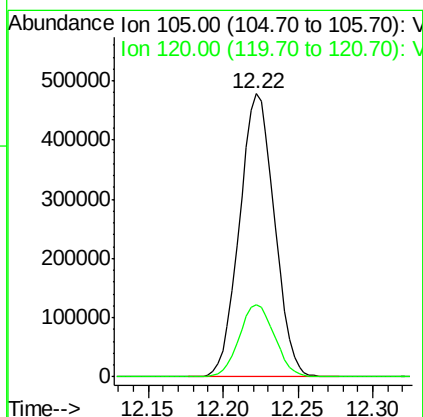
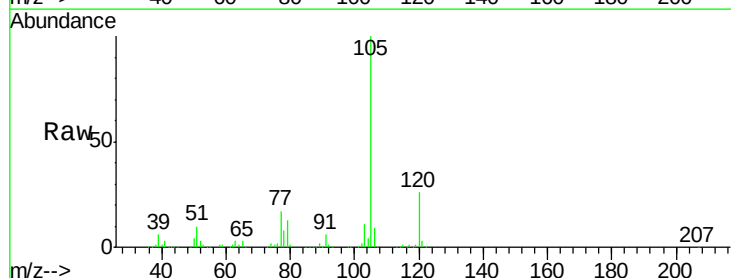
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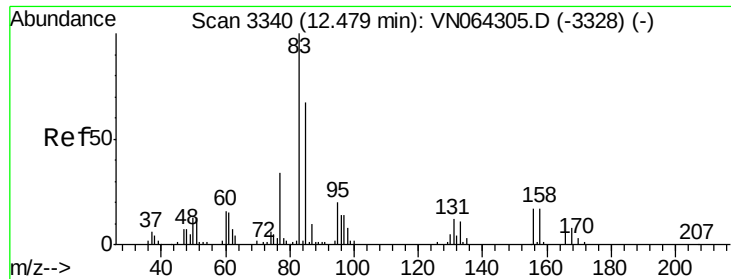


#70  
Isopropylbenzene  
Concen: 49.182 ug/l  
RT: 12.22 min Scan# 3260  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.8  | 17.4  | 32.2  |







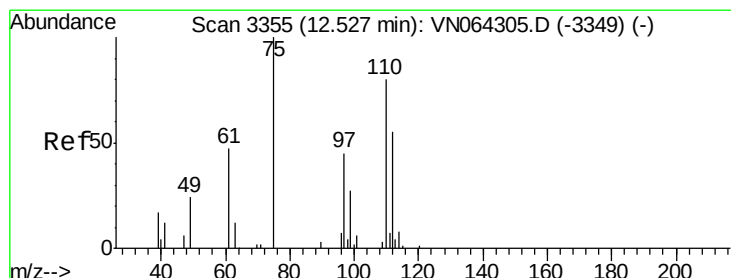
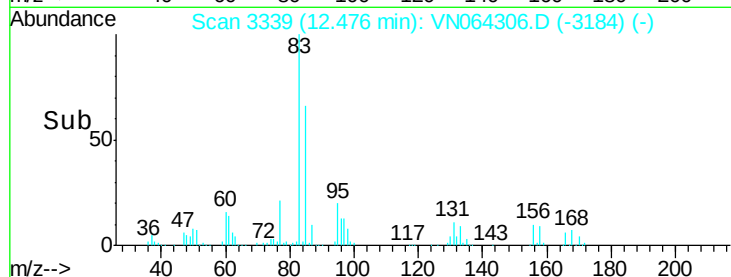
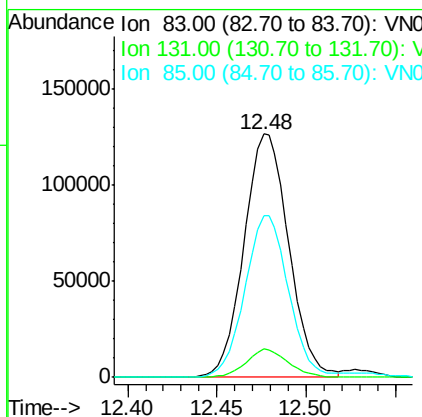
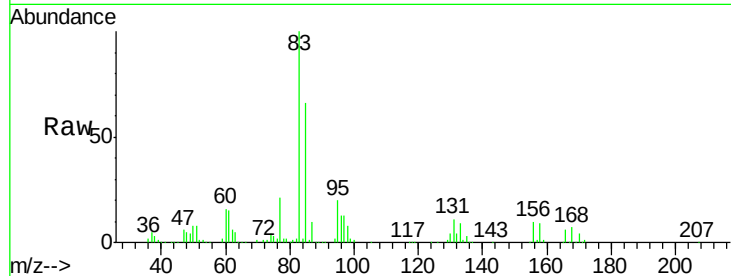
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 51.263 ug/l  
 RT: 12.48 min Scan# 3339  
 Delta R.T. -0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 10.9  | 6.0   | 18.0  |
| 85      | 64.6  | 32.0  | 96.0  |

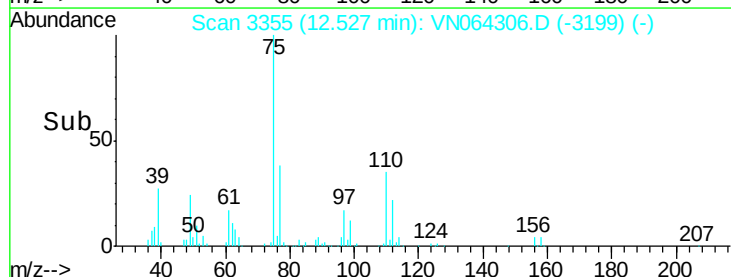
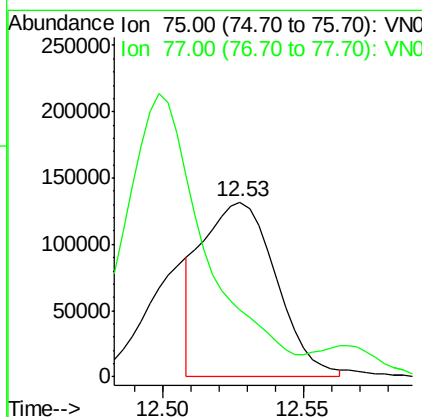
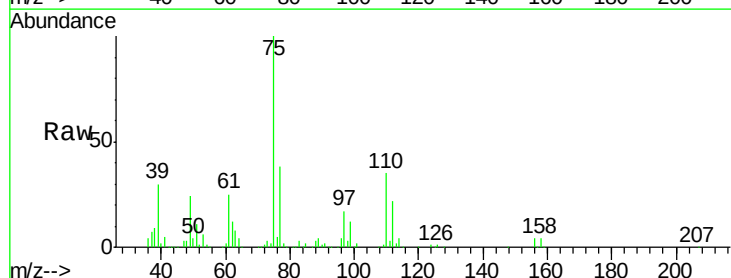
Manual Integrations  
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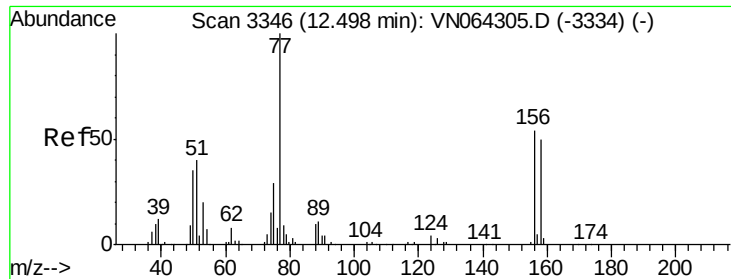
MMDadoda  
 10/27/2020 2:21:00 PM



#72  
 1,2,3-Trichloropropane  
 Concen: 52.606 ug/l m  
 RT: 12.53 min Scan# 3355  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 179.0 | 0.0   | 340.8 |





#73

Bromobenzene

Concen: 49.933 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

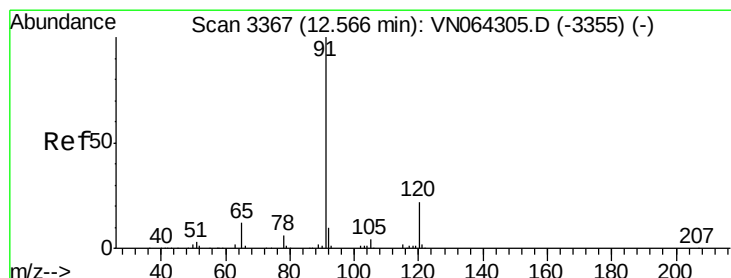
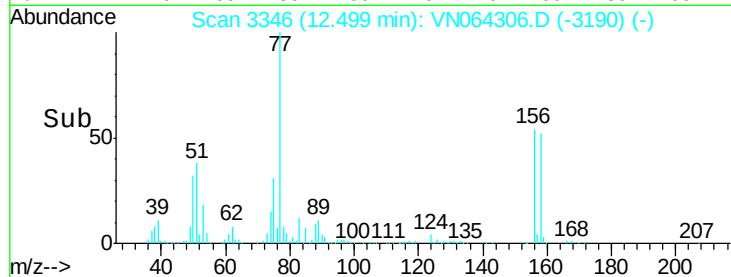
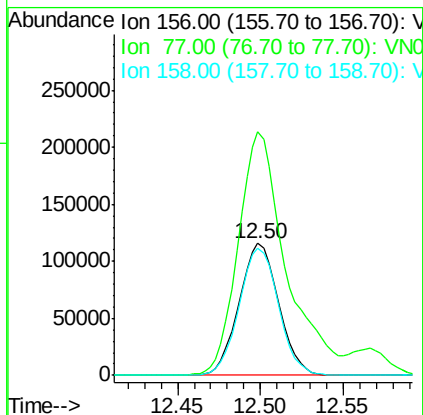
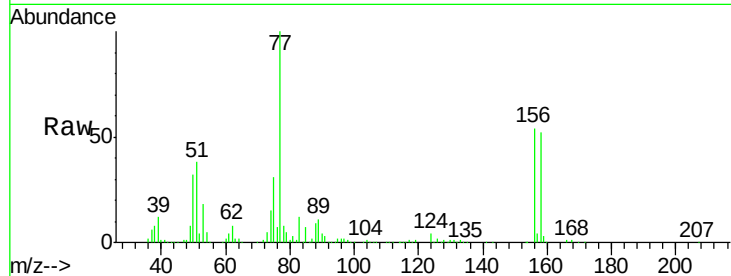
ClientSampleId :

VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 223.0 | 0.0   | 449.2 |
| 158     | 96.1  | 0.0   | 191.0 |

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#74

n-propylbenzene

Concen: 49.388 ug/l

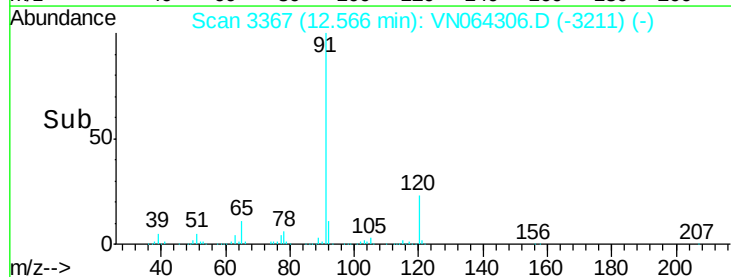
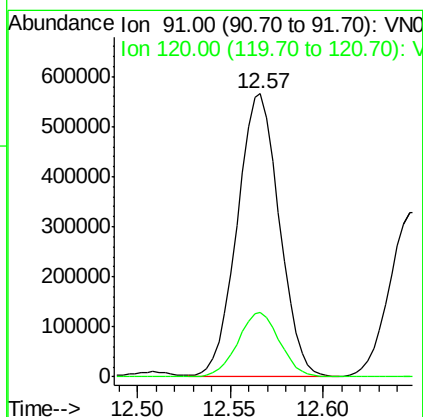
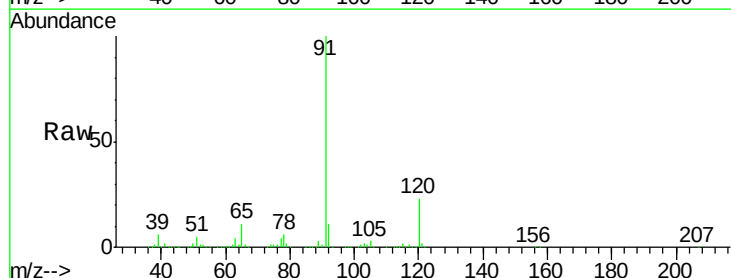
RT: 12.57 min Scan# 3367

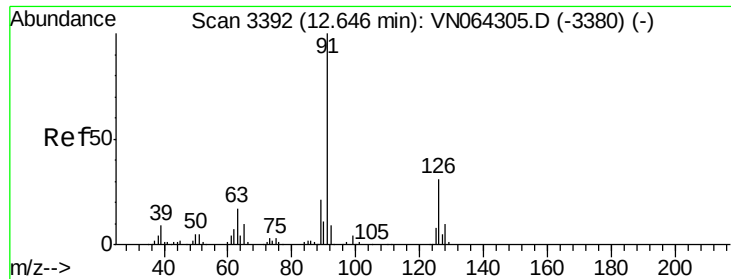
Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.6  | 0.0   | 44.2  |





#75

2-Chlorotoluene

Concen: 48.753 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 549990

Ion Ratio Lower Upper

91 100

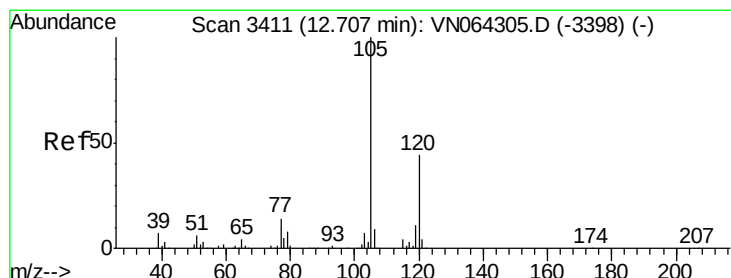
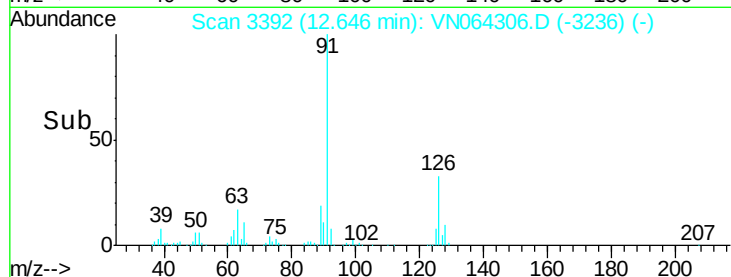
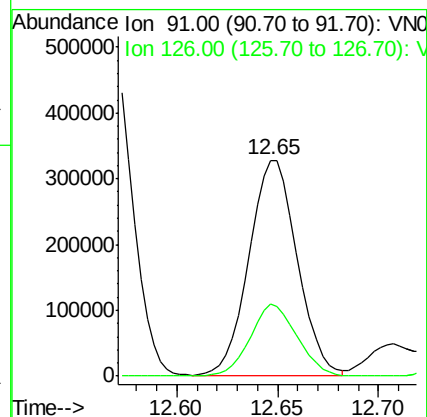
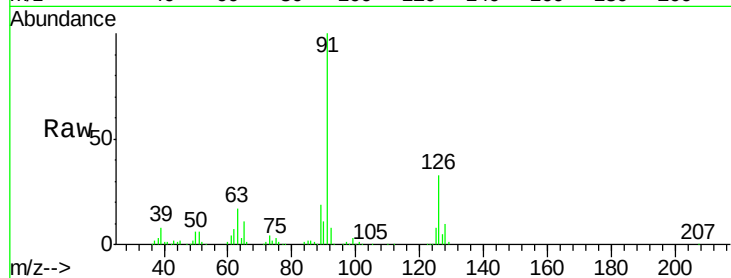
126 32.4 0.0 62.0

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#76

1,3,5-Trimethylbenzene

Concen: 49.171 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064306.D

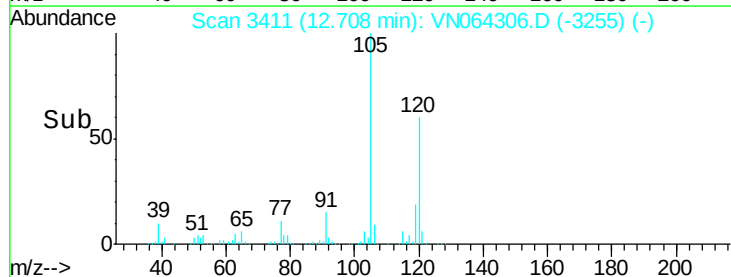
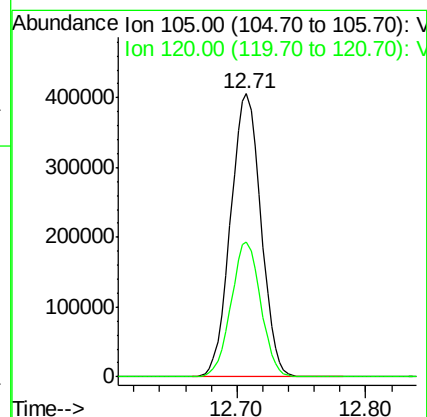
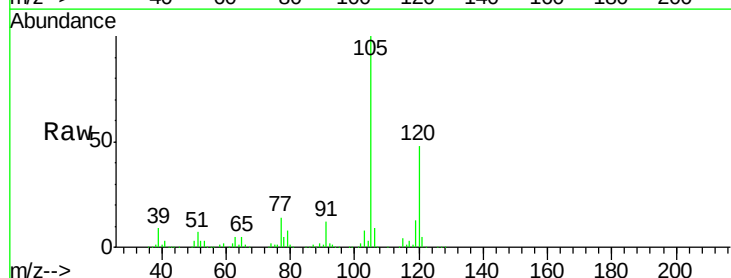
Acq: 26 Oct 2020 16:42

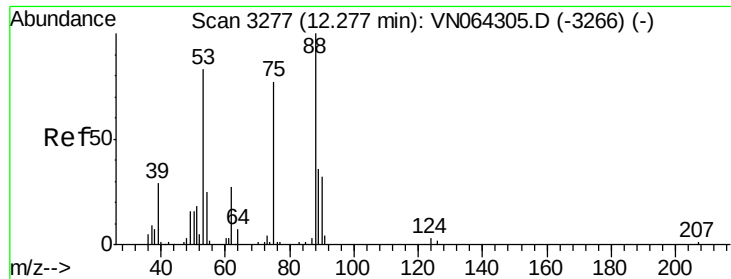
Tgt Ion: 105 Resp: 660035

Ion Ratio Lower Upper

105 100

120 46.7 0.0 89.8





#77

t-1,4-Dichloro-2-butene

Concen: 49.747 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

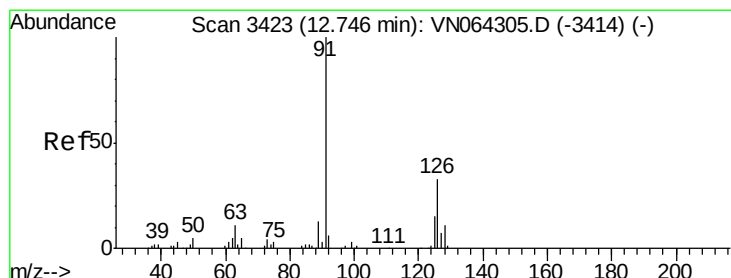
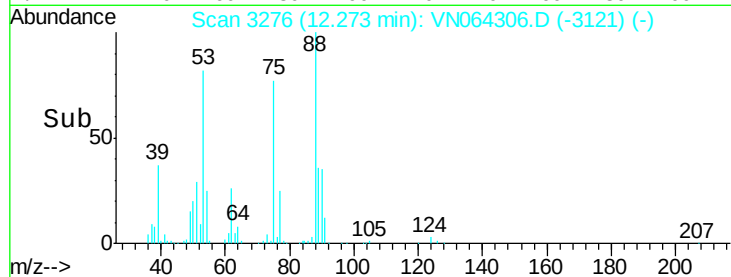
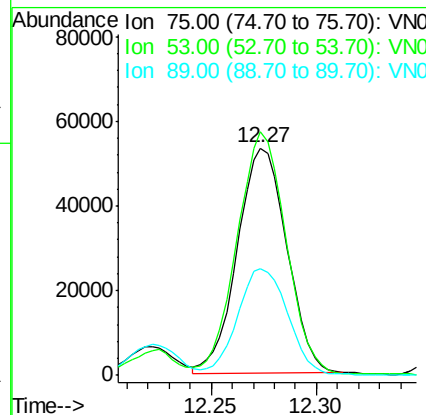
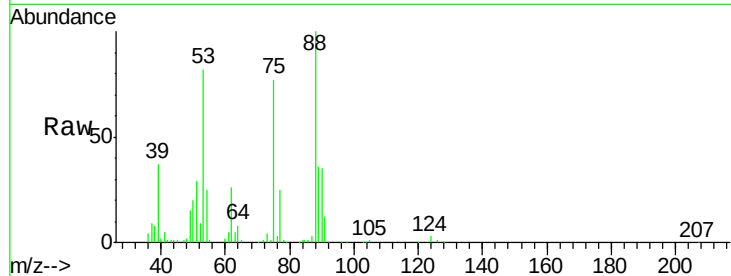
ClientSampleId :

VSTDIC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 86935 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 107.3 | 51.0  | 153.0 |
| 89        | 47.0  | 24.8  | 74.3  |

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#78

4-Chlorotoluene

Concen: 49.564 ug/l

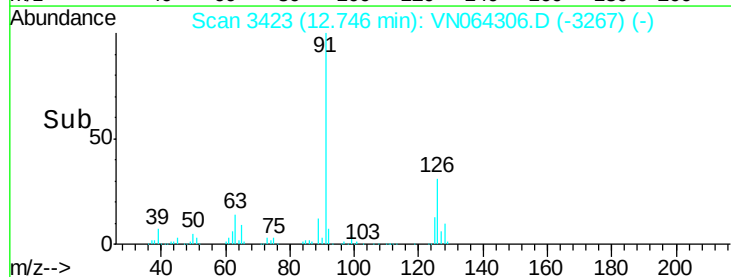
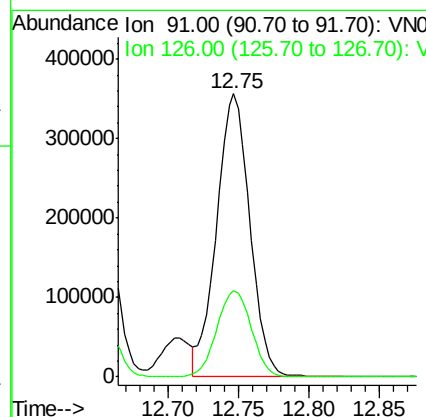
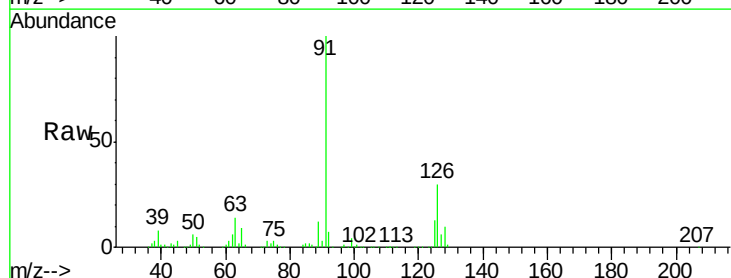
RT: 12.75 min Scan# 3423

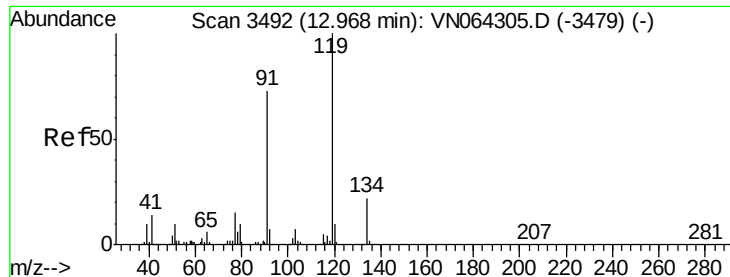
Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 579809 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 31.9  | 0.0   | 62.4   |





#79

tert-butylbenzene

Concen: 49.590 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

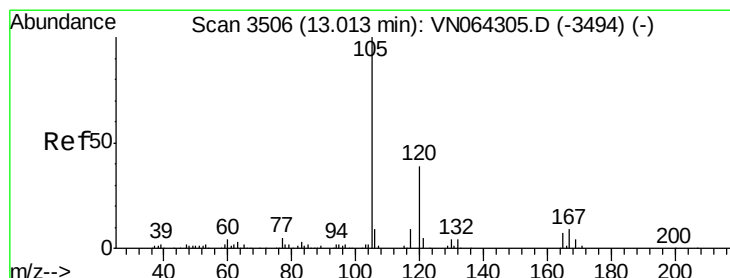
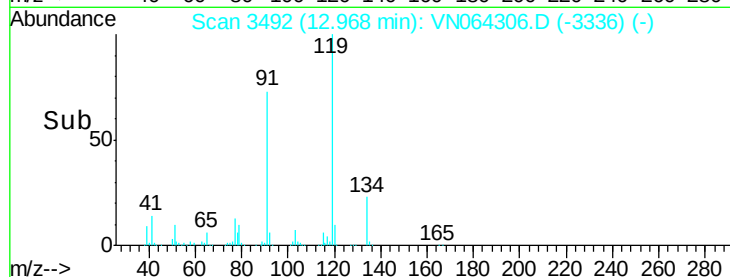
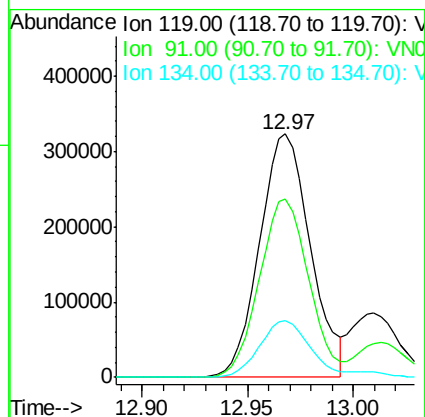
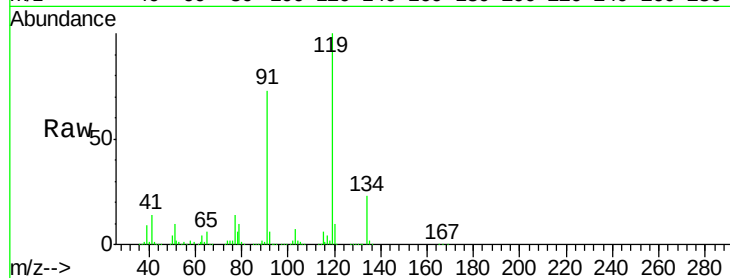
ClientSampleId :

VSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 541819 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 71.6  | 0.0   | 146.8  |
| 134       | 23.1  | 0.0   | 48.6   |

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#80

1,2,4-Trimethylbenzene

Concen: 48.858 ug/l

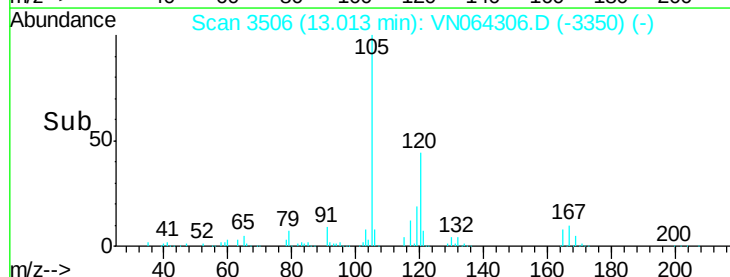
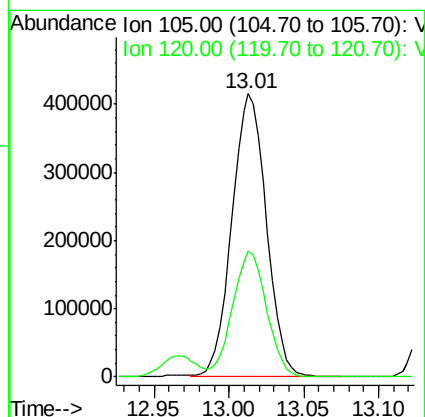
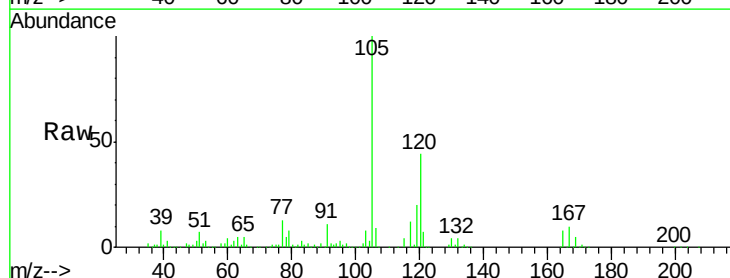
RT: 13.01 min Scan# 3506

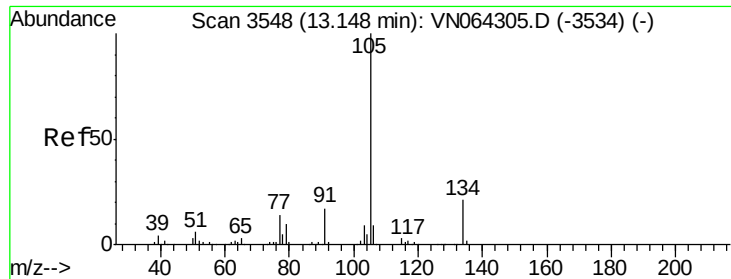
Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 666198 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 43.8  | 0.0   | 87.0   |





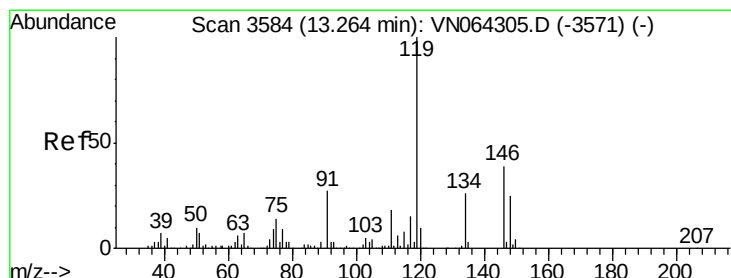
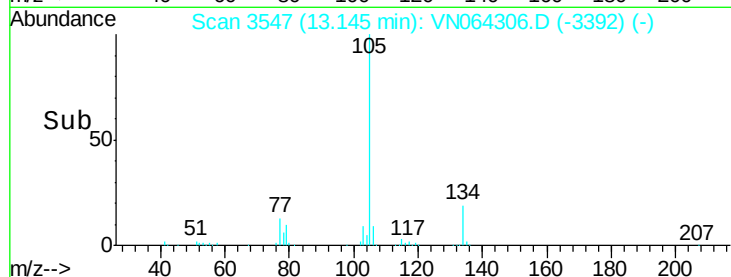
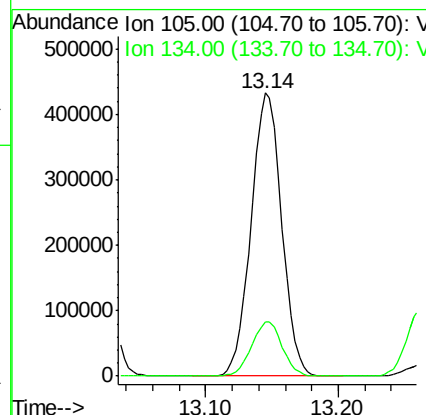
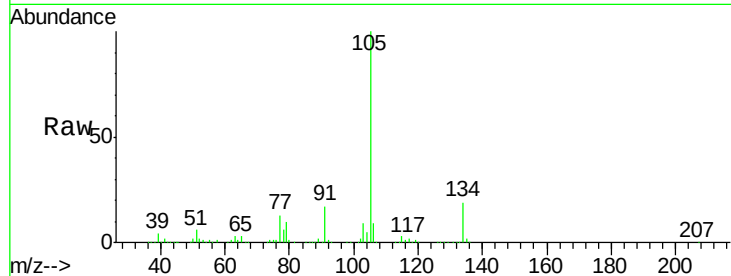
#81  
 sec-Butylbenzene  
 Concen: 48.840 ug/l  
 RT: 13.14 min Scan# 3547  
 Delta R.T. -0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 691932 |       |       |
| 134     | 19.2  | 0.0    | 38.4  |       |

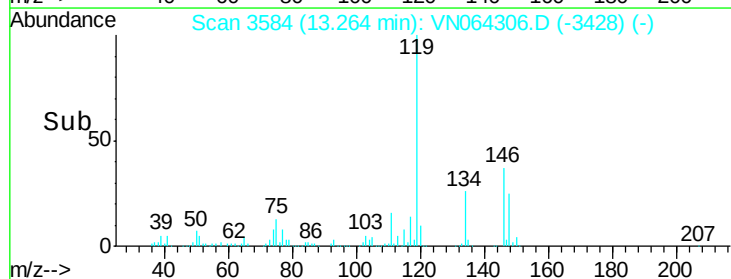
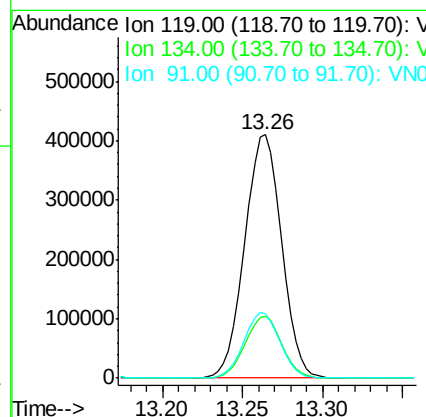
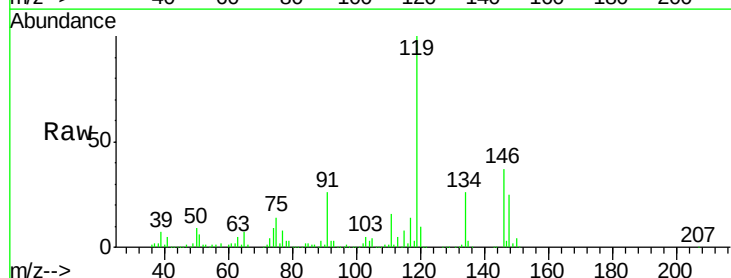
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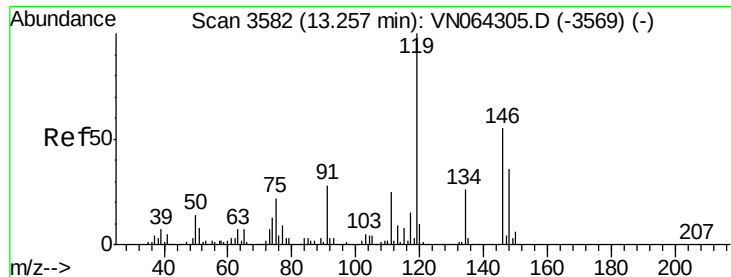
MMDadoda  
 10/27/2020 2:21:00 PM



#82  
 p-Isopropyltoluene  
 Concen: 49.661 ug/l  
 RT: 13.26 min Scan# 3584  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 645698 |       |       |
| 134     | 25.2  | 0.0    | 52.2  |       |
| 91      | 26.3  | 0.0    | 56.0  |       |





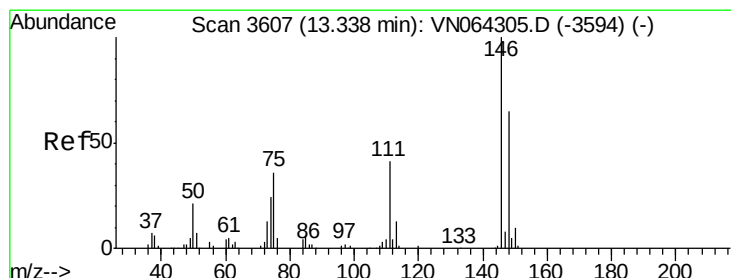
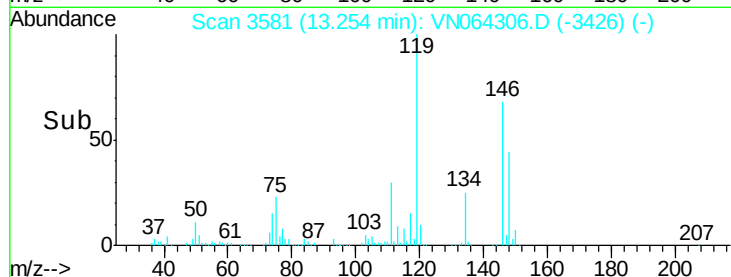
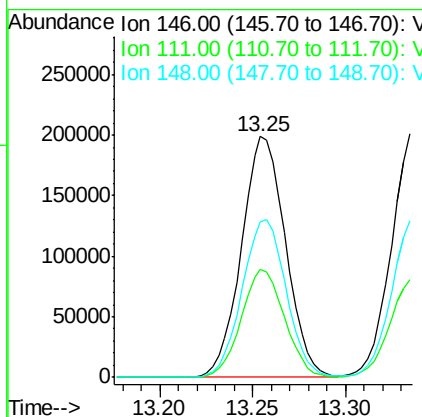
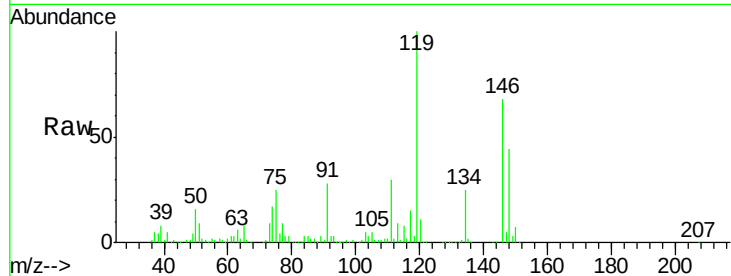
#83  
 1,3-Dichlorobenzene  
 Concen: 48.772 ug/l  
 RT: 13.25 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.9  | 22.5  | 67.5  |
| 148     | 65.4  | 32.5  | 97.5  |

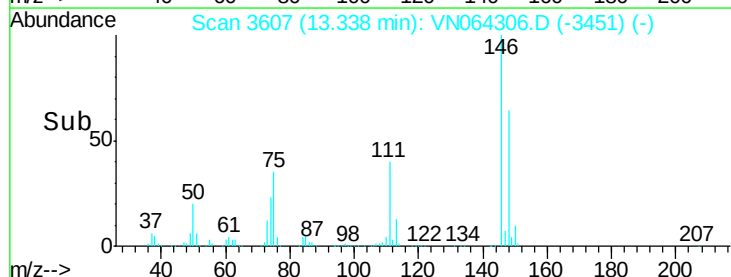
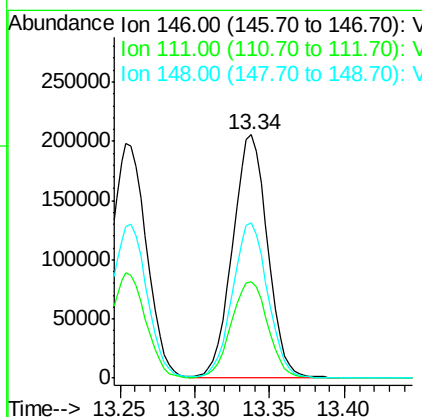
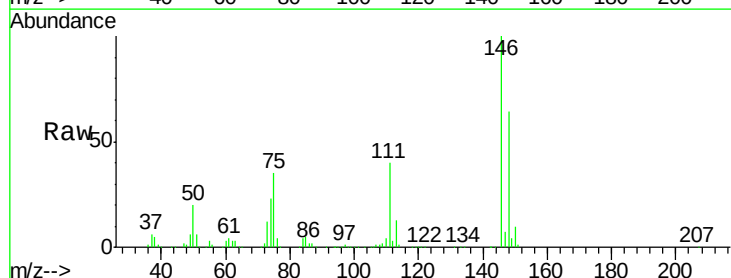
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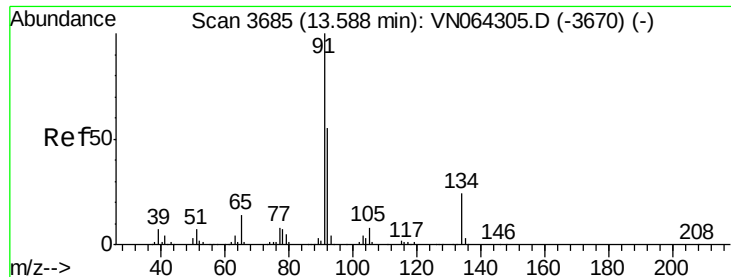
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#84  
 1,4-Dichlorobenzene  
 Concen: 48.880 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.0  | 21.6  | 64.8  |
| 148     | 64.3  | 32.4  | 97.0  |





#85

n-Butylbenzene

Concen: 48.067 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

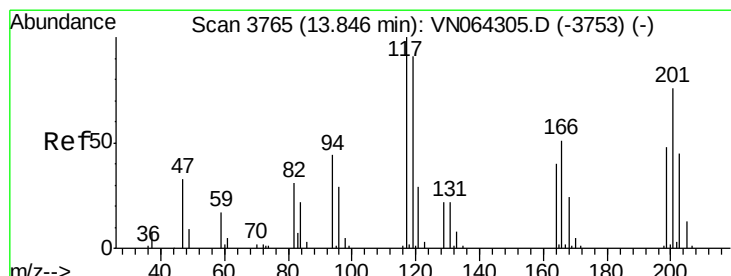
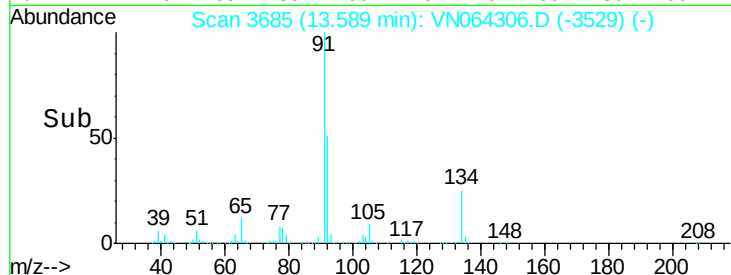
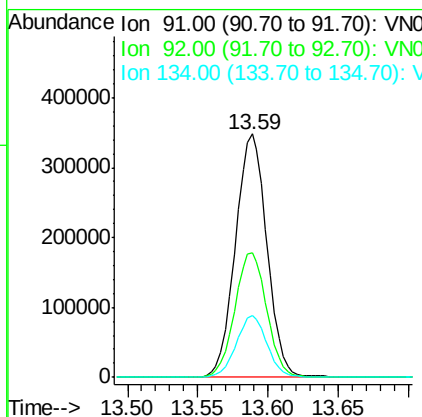
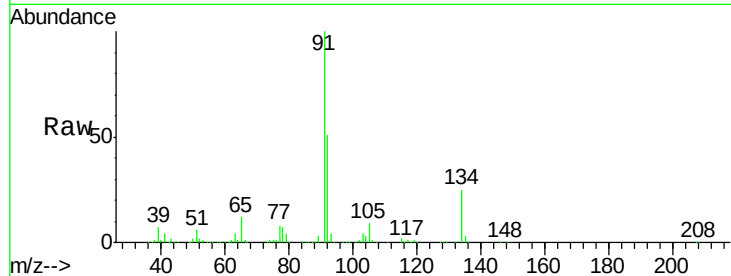
ClientSampleId :

VSTDIC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 91    | Resp: | 546310 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 51.9  | 0.0   | 106.0  |
| 134      | 25.0  | 0.0   | 46.4   |

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#86

Hexachloroethane

Concen: 53.472 ug/l

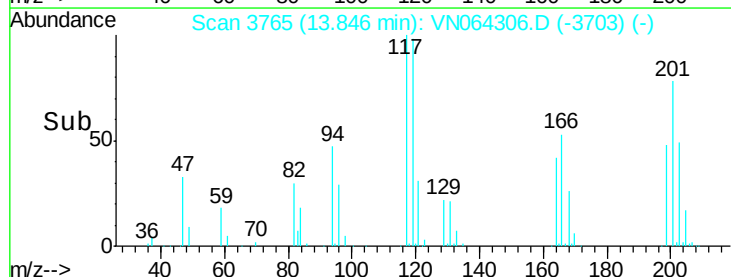
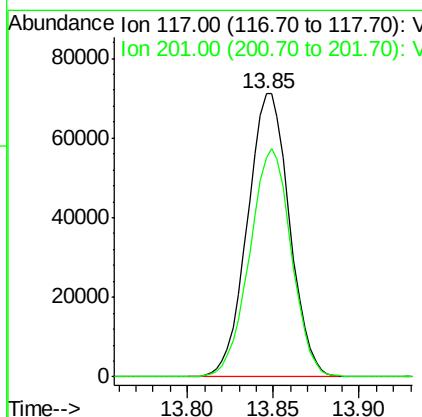
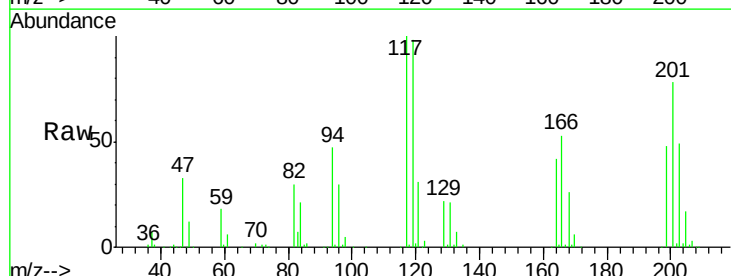
RT: 13.85 min Scan# 3765

Delta R.T. 0.00 min

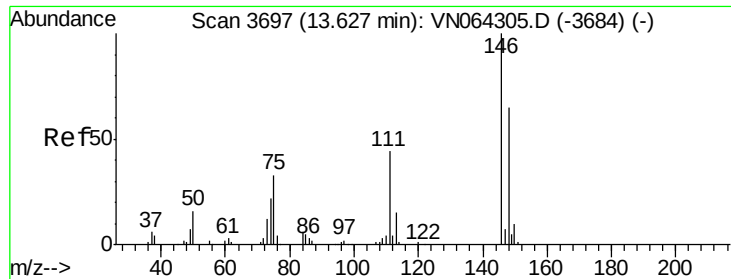
Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 120370 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 80.0  | 39.6  | 118.7  |







#87

1,2-Dichlorobenzene

Concen: 49.066 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

Instrument :

MSVOA\_N

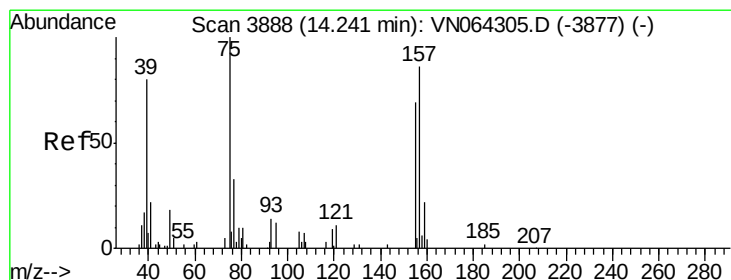
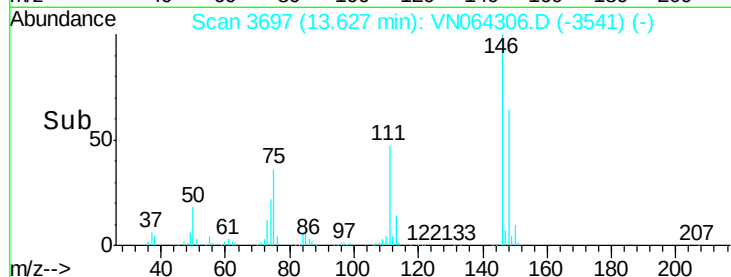
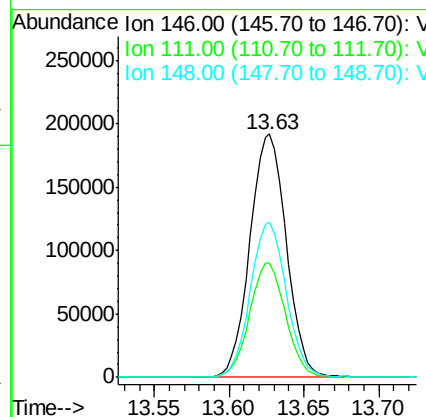
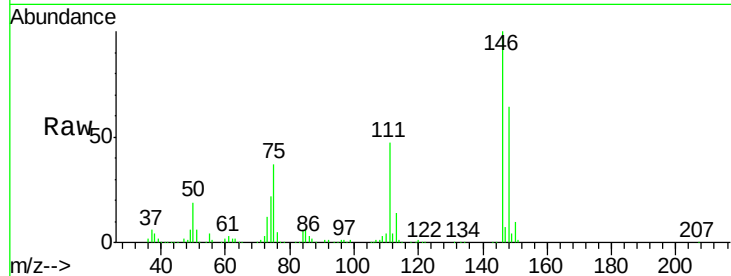
ClientSampleId :

VSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 325244 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 46.5  | 22.3  | 66.8   |
| 148       | 63.1  | 31.6  | 95.0   |

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#88

1,2-Dibromo-3-Chloropropane

Concen: 55.853 ug/l

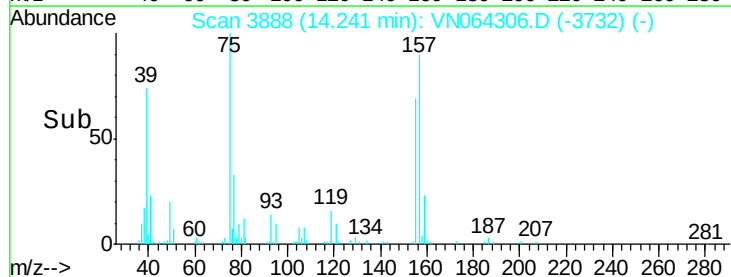
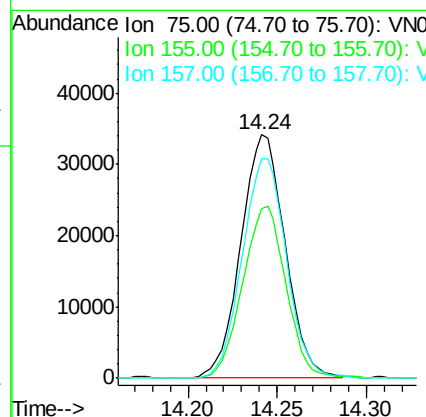
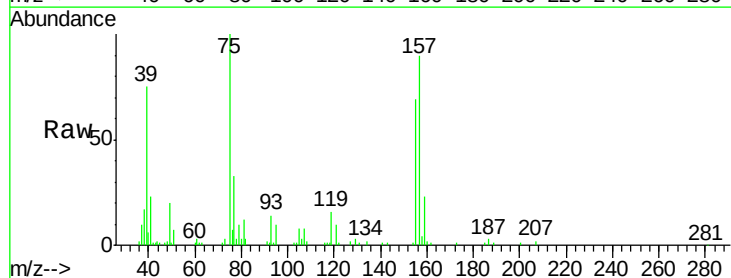
RT: 14.24 min Scan# 3888

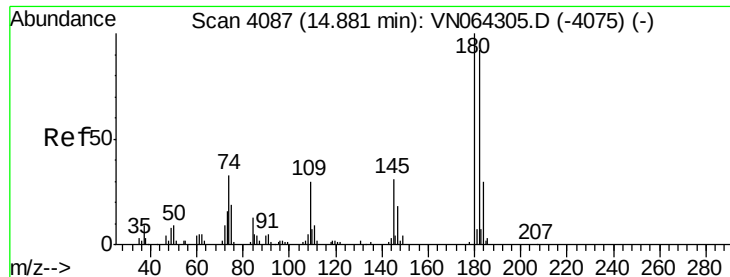
Delta R.T. 0.00 min

Lab File: VN064306.D

Acq: 26 Oct 2020 16:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 59305 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 68.6  | 55.8  | 83.8  |
| 157       | 90.0  | 72.1  | 108.1 |





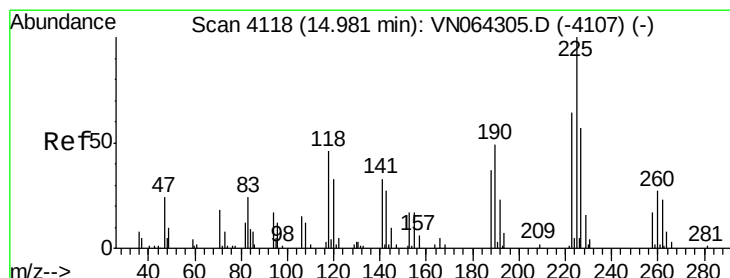
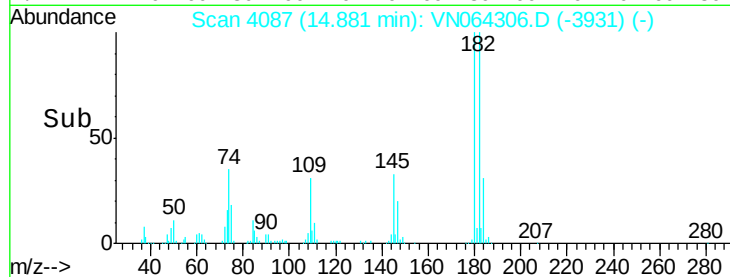
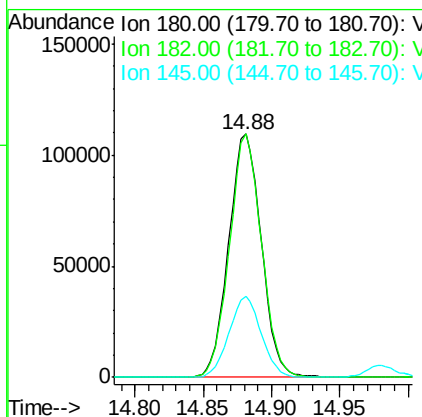
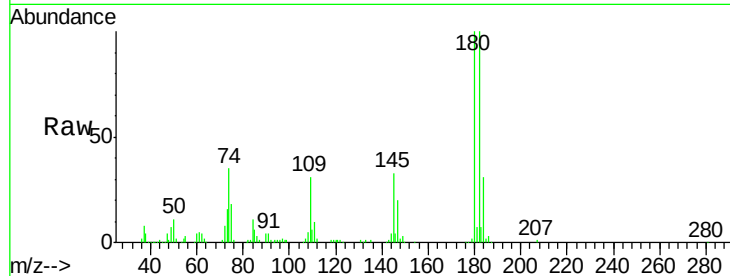
#89  
 1,2,4-Trichlorobenzene  
 Concen: 48.611 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 182048 |       |       |
| 182     | 97.8  | 76.6   | 114.8 |       |
| 145     | 32.8  | 25.4   | 38.0  |       |

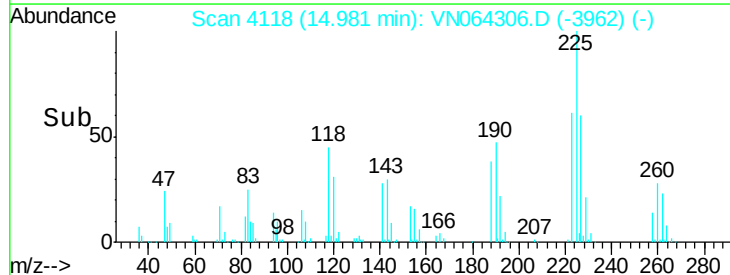
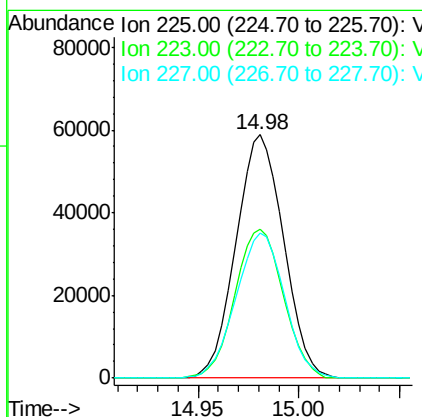
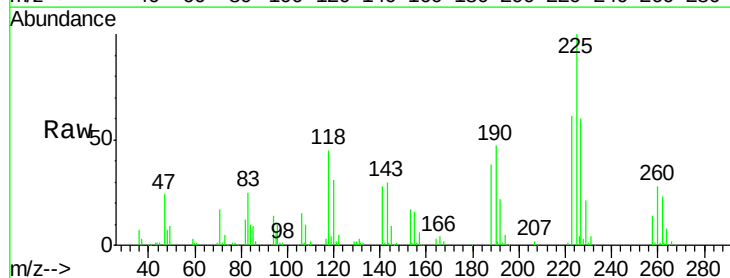
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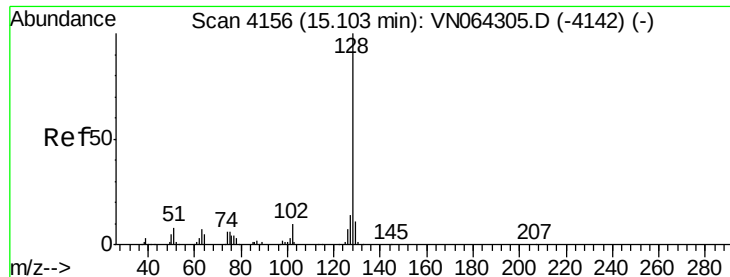
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 10/27/2020 2:21:00 PM



#90  
 Hexachlorobutadiene  
 Concen: 47.827 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. 0.00 min  
 Lab File: VN064306.D  
 Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 97607 |       |       |
| 223     | 62.0  | 0.0   | 122.0 |       |
| 227     | 60.7  | 0.0   | 118.0 |       |





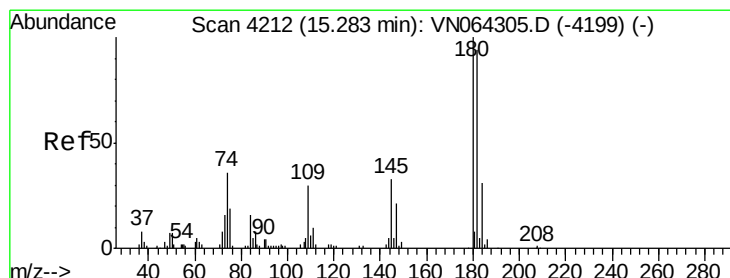
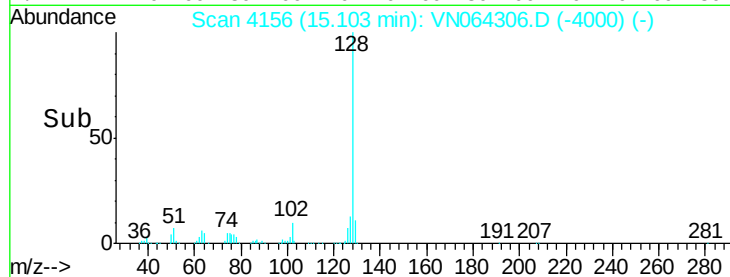
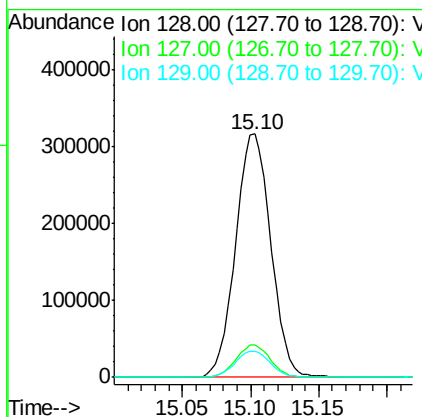
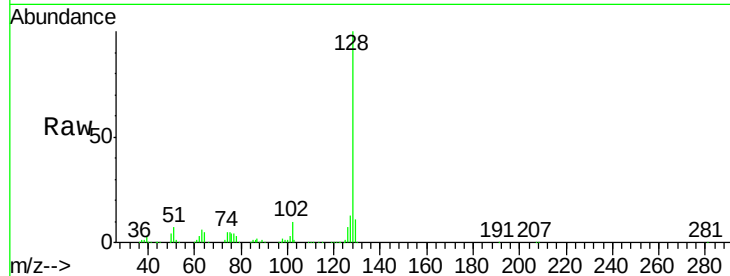
#91  
Naphthalene  
Concen: 51.125 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.9  | 10.8  | 16.2  |
| 129     | 10.7  | 8.8   | 13.2  |

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#92  
1,2,3-Trichlorobenzene  
Concen: 48.414 ug/l  
RT: 15.28 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN064306.D  
Acq: 26 Oct 2020 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.8  | 0.0   | 190.0 |
| 145     | 35.6  | 0.0   | 67.8  |

