

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\  
 Data File : VN062939.D  
 Acq On : 14 Aug 2020 16:40  
 Operator : JC/MD  
 Sample : VN0814WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0814WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 8/17/2020 5:45:08 PM

Quant Time: Aug 14 17:40:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081420W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Aug 14 06:20:27 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.15  | 128  | 29515    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.55  | 114  | 148779   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.38 | 117  | 127348   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 7.99   | 65    | 75005    | 28.45    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 94.83%  |
| 60) 4-Bromofluorobenzene  | 12.38  | 95    | 65166    | 29.06    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 96.87%  |
| 63) Toluene-d8            | 10.06  | 98    | 185694   | 31.18    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 103.93% |

## Target Compounds

|                               |      |     |        |        | Ovalue    |
|-------------------------------|------|-----|--------|--------|-----------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 41861  | 16.543 | ug/l 97   |
| 3) Chloromethane              | 2.03 | 50  | 41486  | 18.928 | ug/l 95   |
| 4) Vinyl Chloride             | 2.16 | 62  | 57127  | 24.672 | ug/l 98   |
| 5) Bromomethane               | 2.52 | 94  | 31083  | 15.566 | ug/l 100  |
| 6) Chloroethane               | 2.66 | 64  | 32860  | 16.365 | ug/l 96   |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 72601  | 16.081 | ug/l 99   |
| 8) Diethyl Ether              | 3.37 | 74  | 15240  | 15.422 | ug/l 93   |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 25836  | 17.394 | ug/l 96   |
| 10) 1,1-Dichloroethene        | 3.69 | 96  | 21964  | 16.130 | ug/l 98   |
| 11) Methyl Iodide             | 3.91 | 142 | 21967  | 11.614 | ug/l 93   |
| 12) Methyl Acetate            | 4.28 | 43  | 31434  | 15.241 | ug/l 97   |
| 13) Acrolein                  | 3.56 | 56  | 17887  | 67.880 | ug/l 97   |
| 14) Acrylonitrile             | 4.93 | 53  | 66576  | 73.946 | ug/l 94   |
| 15) Acetone                   | 3.78 | 58  | 22464  | 93.416 | ug/l 92   |
| 16) Carbon Disulfide          | 4.01 | 76  | 59925  | 15.430 | ug/l 97   |
| 17) Allyl chloride            | 4.28 | 41  | 37411  | 15.948 | ug/l 96   |
| 18) Methylene Chloride        | 4.49 | 84  | 26200  | 14.871 | ug/l 98   |
| 19) trans-1,2-Dichloroethene  | 4.98 | 96  | 22525  | 14.811 | ug/l 98   |
| 20) Diisopropyl ether         | 5.90 | 45  | 87951  | 16.016 | ug/l 97   |
| 21) 1,1-Dichloroethane        | 5.80 | 63  | 48265  | 15.016 | ug/l 99   |
| 22) cis-1,2-Dichloroethene    | 6.78 | 96  | 28623  | 15.741 | ug/l # 86 |
| 23) tert-Butyl Alcohol        | 4.74 | 59  | 26648m | 69.182 | ug/l      |
| 24) Methyl tert-Butyl Ether   | 4.99 | 73  | 85858  | 14.509 | ug/l # 80 |
| 25) Chloroform                | 7.33 | 83  | 54301  | 15.570 | ug/l 98   |
| 26) Cyclohexane               | 7.61 | 56  | 43312  | 15.917 | ug/l # 97 |
| 29) 1,1-Dichloropropene       | 7.75 | 75  | 35481  | 16.167 | ug/l 98   |
| 30) 2-Butanone                | 6.78 | 43  | 96608  | 85.273 | ug/l 99   |
| 31) 2,2-Dichloropropane       | 6.77 | 77  | 49028  | 22.436 | ug/l 99   |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 47877  | 15.922 | ug/l 98   |
| 33) Carbon Tetrachloride      | 7.73 | 117 | 42359  | 15.886 | ug/l 92   |
| 34) Benzene                   | 8.00 | 78  | 108997 | 16.521 | ug/l 98   |
| 35) Methacrylonitrile         | 7.12 | 41  | 13502  | 13.434 | ug/l 97   |
| 36) 1,2-Dichloroethane        | 8.08 | 62  | 47337  | 16.520 | ug/l 99   |
| 37) Trichloroethene           | 8.80 | 130 | 30640  | 18.724 | ug/l 98   |
| 38) Methylcyclohexane         | 9.05 | 83  | 40630  | 15.478 | ug/l 97   |
| 39) 1,2-Dichloropropane       | 9.08 | 63  | 27804  | 15.439 | ug/l 100  |
| 40) Dibromomethane            | 9.17 | 93  | 19750  | 16.191 | ug/l 99   |

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 Data File : VN062939.D  
 Acq On : 14 Aug 2020 16:40  
 Operator : JC/MD  
 Sample : VN0814WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0814WBSD01

Manual Integrations  
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 8/17/2020 5:45:08 PM

Quant Time: Aug 14 17:40:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081420W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Aug 14 06:20:27 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 41) Bromodichloromethane       | 9.37  | 83   | 43685    | 15.957  | ug/l   | 99       |
| 42) Vinyl Acetate              | 5.84  | 43   | 280815   | 73.331  | ug/l # | 87       |
| 43) Ethyl Acetate              | 6.88  | 43   | 34715    | 15.599  | ug/l # | 83       |
| 44) Isopropyl Acetate          | 8.12  | 43   | 57949    | 15.946  | ug/l   | 94       |
| 45) 1,4-Dioxane                | 9.16  | 88   | 11261    | 316.411 | ug/l   | 96       |
| 46) Methyl methacrylate        | 9.17  | 41   | 27266    | 15.004  | ug/l   | 92       |
| 47) n-amyl Acetate             | 12.05 | 43   | 40208    | 12.402  | ug/l   | 98       |
| 48) t-1,3-Dichloropropene      | 10.35 | 75   | 43156    | 15.090  | ug/l   | 94       |
| 49) cis-1,3-Dichloropropene    | 9.81  | 75   | 45511    | 15.836  | ug/l   | 96       |
| 50) 1,1,2-Trichloroethane      | 10.53 | 97   | 25630    | 14.619  | ug/l   | 96       |
| 51) Ethyl methacrylate         | 10.40 | 69   | 36363    | 13.625  | ug/l   | 96       |
| 52) 1,3-Dichloropropane        | 10.68 | 76   | 43619    | 14.400  | ug/l   | 99       |
| 53) Dibromochloromethane       | 10.87 | 129  | 32177    | 15.354  | ug/l   | 98       |
| 54) 1,2-Dibromoethane          | 10.98 | 107  | 25733    | 14.344  | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether  | 9.66  | 63   | 59506    | 92.136  | ug/l   | 98       |
| 56) Bromoform                  | 12.10 | 173  | 21720    | 14.602  | ug/l   | 96       |
| 58) 4-Methyl-2-Pentanone       | 9.95  | 43   | 173421   | 78.260  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 120555   | 74.508  | ug/l   | 99       |
| 61) Tetrachloroethene          | 10.60 | 164  | 22199    | 16.861  | ug/l   | 96       |
| 62) Toluene                    | 10.12 | 91   | 110962   | 16.526  | ug/l   | 98       |
| 64) Chlorobenzene              | 11.41 | 112  | 68064    | 16.159  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 28534    | 16.382  | ug/l   | 98       |
| 66) Ethyl Benzene              | 11.48 | 91   | 118882   | 15.904  | ug/l   | 100      |
| 67) m/p-Xylenes                | 11.60 | 106  | 90340    | 32.648  | ug/l   | 100      |
| 68) o-Xylene                   | 11.92 | 106  | 42122    | 15.857  | ug/l   | 98       |
| 69) Styrene                    | 11.94 | 104  | 72912    | 15.459  | ug/l   | 99       |
| 70) Isopropylbenzene           | 12.22 | 105  | 121434   | 16.064  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 37775    | 15.182  | ug/l   | 97       |
| 72) 1,2,3-Trichloropropane     | 12.53 | 75   | 38982m   | 15.820  | ug/l   |          |
| 73) Bromobenzene               | 12.50 | 156  | 28476    | 15.363  | ug/l   | 96       |
| 74) n-propylbenzene            | 12.57 | 91   | 139672   | 16.011  | ug/l   | 99       |
| 75) 2-Chlorotoluene            | 12.65 | 91   | 86470    | 15.790  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 105755   | 15.735  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene    | 12.27 | 75   | 12067    | 15.208  | ug/l   | 95       |
| 78) 4-Chlorotoluene            | 12.75 | 91   | 88024    | 15.803  | ug/l   | 100      |
| 79) tert-butylbenzene          | 12.97 | 119  | 86677    | 15.612  | ug/l   | 97       |
| 80) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 99322    | 15.121  | ug/l   | 100      |
| 81) sec-Butylbenzene           | 13.15 | 105  | 114821   | 15.666  | ug/l   | 100      |
| 82) p-Isopropyltoluene         | 13.27 | 119  | 102566   | 15.651  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene        | 13.26 | 146  | 50077    | 15.417  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene        | 13.34 | 146  | 51133    | 16.034  | ug/l   | 93       |
| 85) n-Butylbenzene             | 13.59 | 91   | 77675    | 13.904  | ug/l   | 97       |
| 86) Hexachloroethane           | 13.85 | 117  | 21050    | 14.827  | ug/l   | 98       |
| 87) 1,2-Dichlorobenzene        | 13.63 | 146  | 49003    | 14.617  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 7603     | 12.956  | ug/l   | 97       |
| 89) 1,2,4-Trichlorobenzene     | 14.88 | 180  | 20179    | 13.069  | ug/l   | 99       |
| 90) Hexachlorobutadiene        | 14.98 | 225  | 17111    | 16.587  | ug/l   | 96       |
| 91) Naphthalene                | 15.10 | 128  | 47486    | 11.361  | ug/l   | 98       |
| 92) 1,2,3-Trichlorobenzene     | 15.28 | 180  | 22657    | 14.653  | ug/l   | 93       |

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Data File : VN062939.D  
Acq On : 14 Aug 2020 16:40  
Operator : JC/MD  
Sample : VN0814WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

Manual Integrations  
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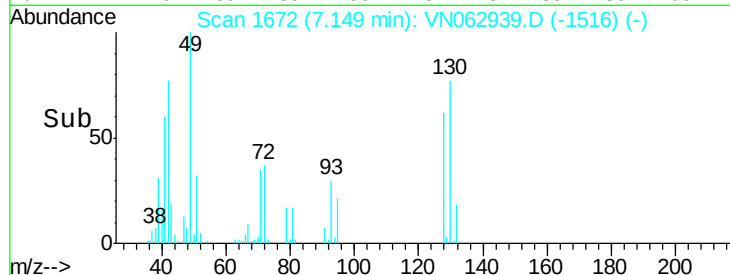
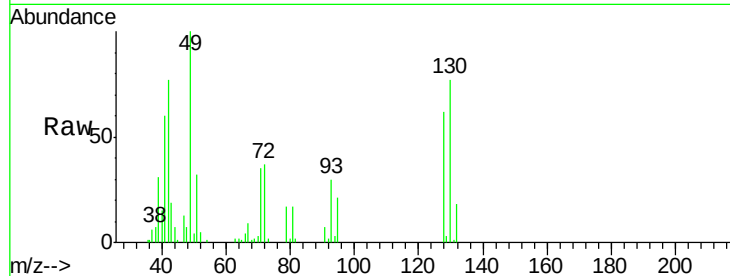
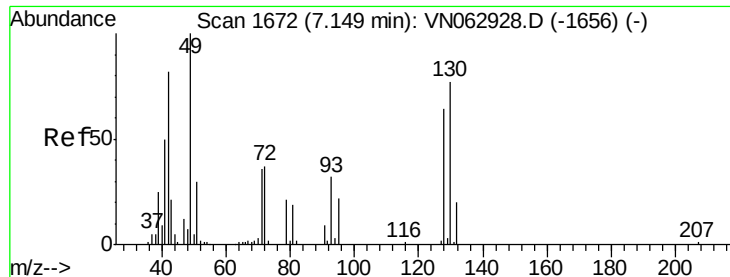
Quant Time: Aug 14 17:40:25 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081420W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Aug 14 06:20:27 2020  
Response via : Initial Calibration

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

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





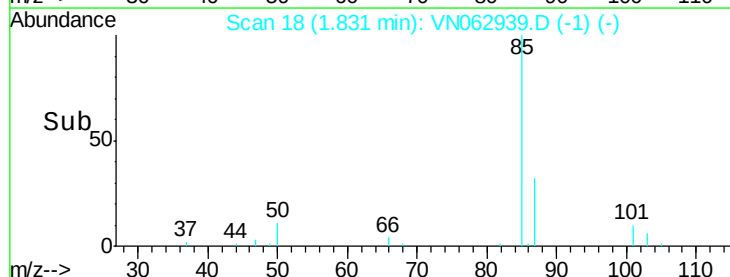
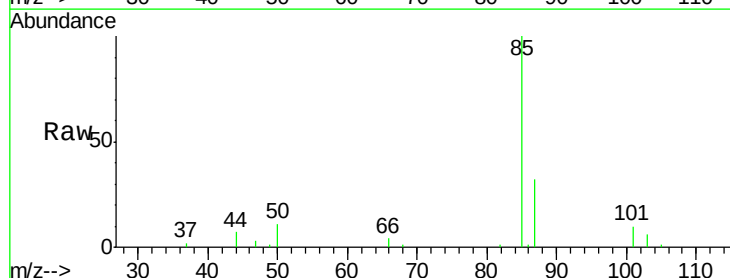
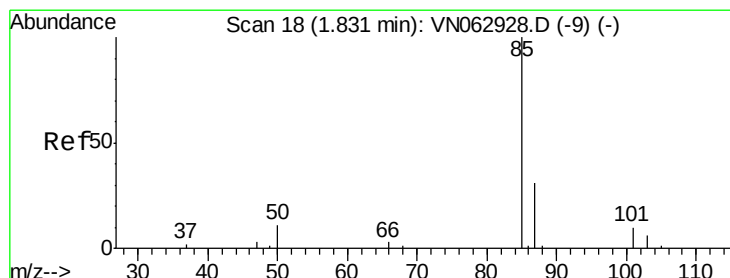
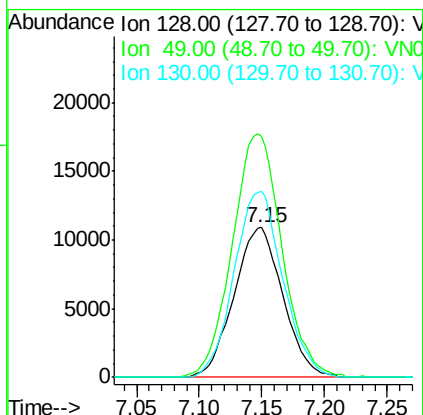
#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.15 min Scan# 1672  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 29515 |       |       |
| 49      | 165.1 | 0.0   | 410.0 |       |
| 130     | 123.9 | 0.0   | 316.5 |       |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

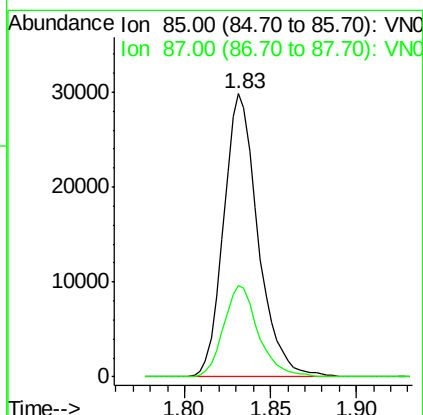
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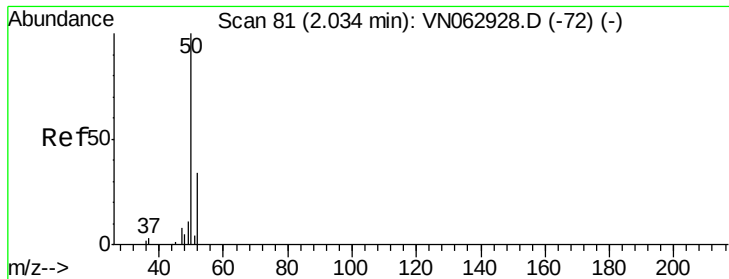
MMDadoda  
8/17/2020 5:45:08 PM



#2  
Dichlorodifluoromethane  
Concen: 16.543 ug/l  
RT: 1.83 min Scan# 18  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 85      | 100   | 41861 |       |       |
| 87      | 32.3  | 15.4  | 46.2  |       |





#3

Chloromethane

Concen: 18.928 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0814WBSD01

Tot Ion: 50 Resp: 41486

Ion Ratio Lower Upper

50 100

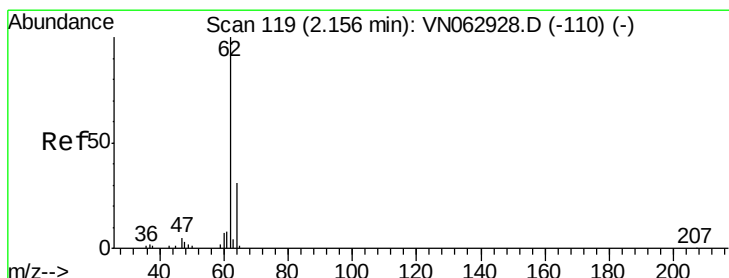
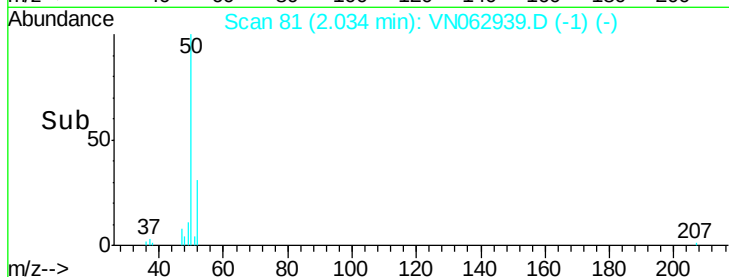
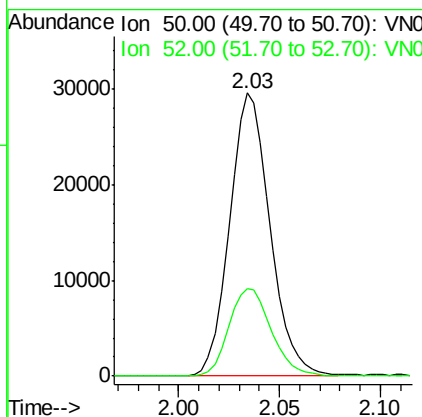
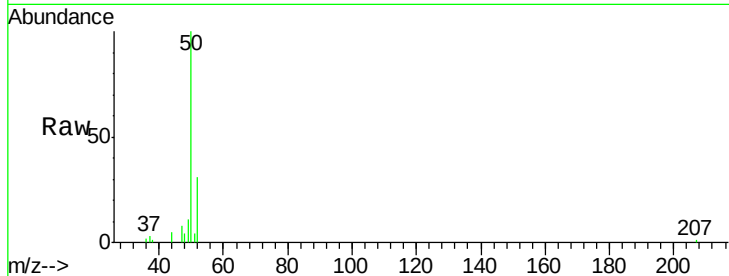
52 31.0 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 24.672 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062939.D

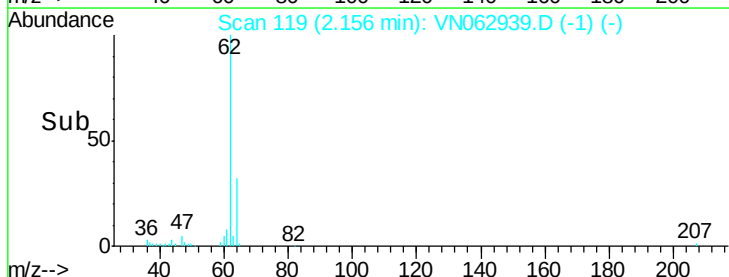
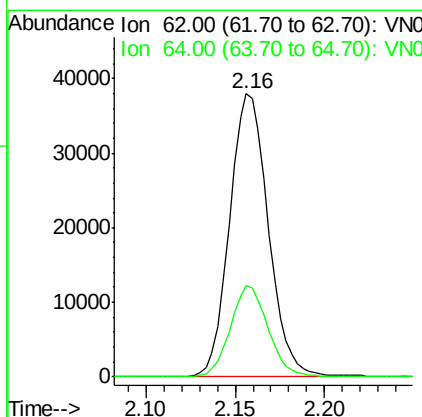
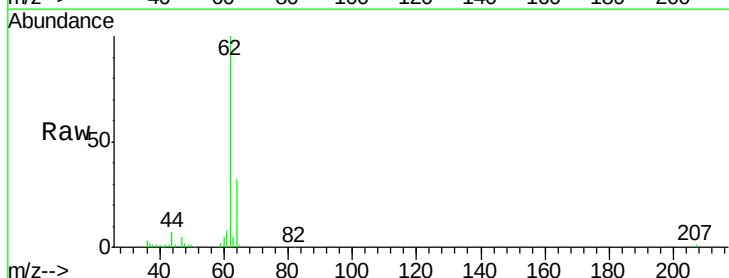
Acq: 14 Aug 2020 16:40

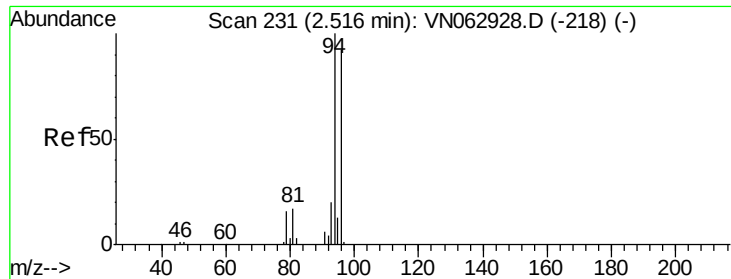
Tgt Ion: 62 Resp: 57127

Ion Ratio Lower Upper

62 100

64 32.1 24.6 37.0





#5

Bromomethane

Concen: 15.566 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0814WBSD01

Tot Ion: 94 Resp: 31083

Ion Ratio Lower Upper

94 100

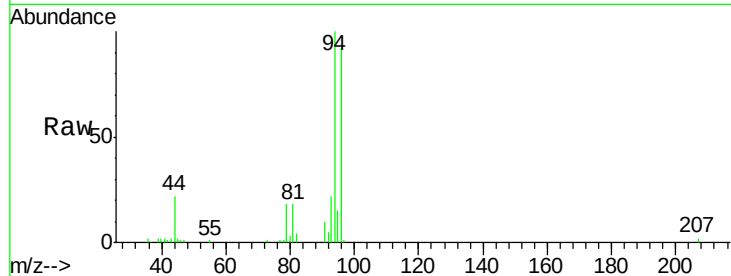
96 91.9 73.7 110.5

Manual Integrations

APPROVED

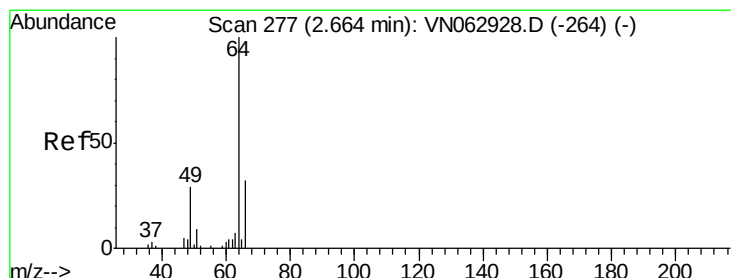
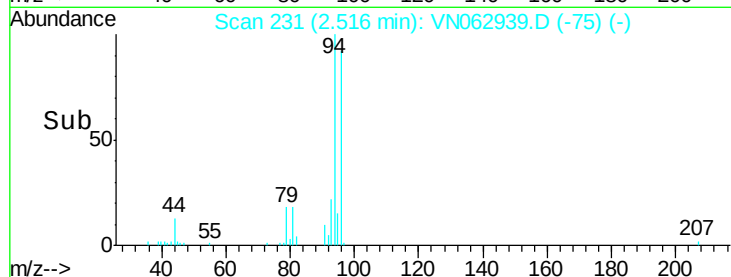
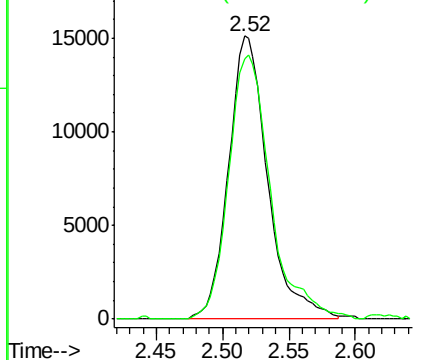
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 16.365 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062939.D

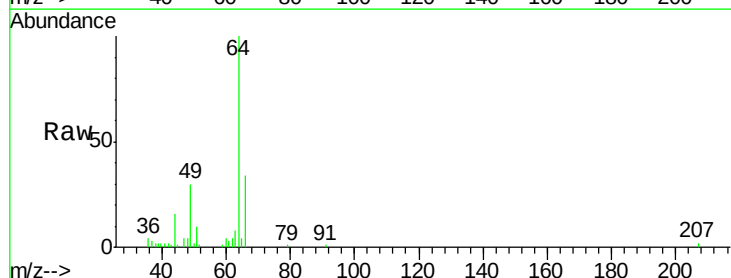
Acq: 14 Aug 2020 16:40

Tgt Ion: 64 Resp: 32860

Ion Ratio Lower Upper

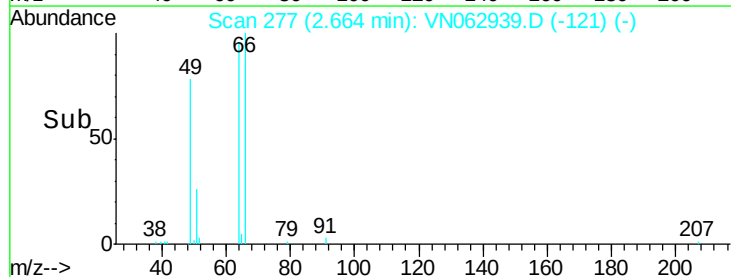
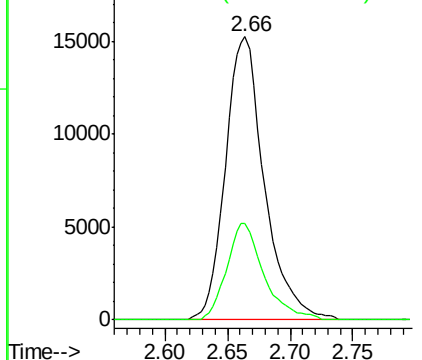
64 100

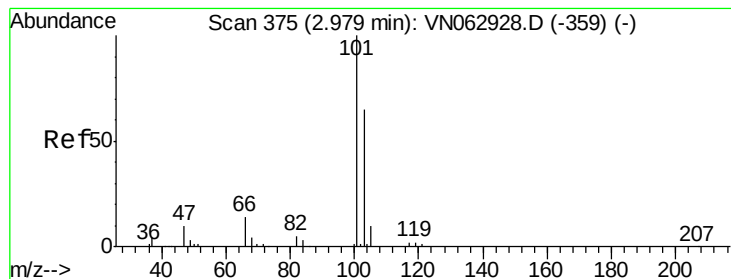
66 33.9 25.3 37.9



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

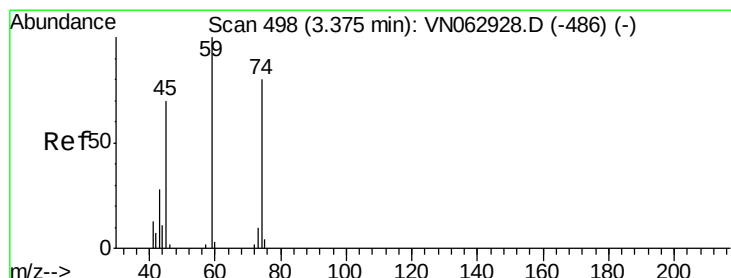
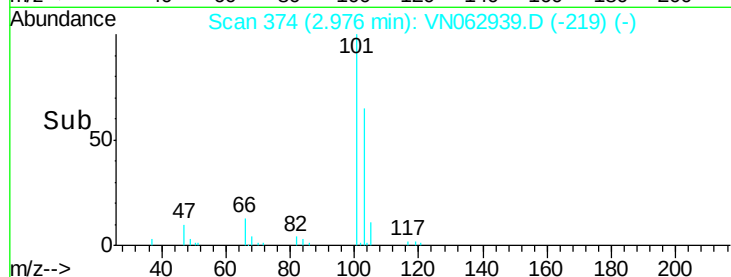
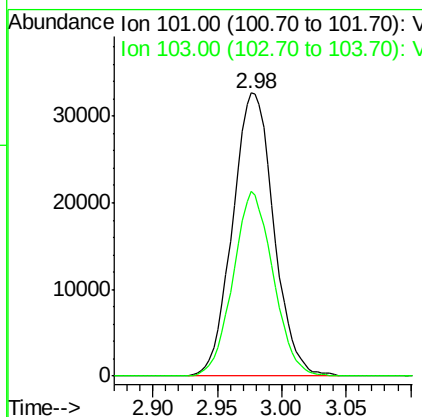
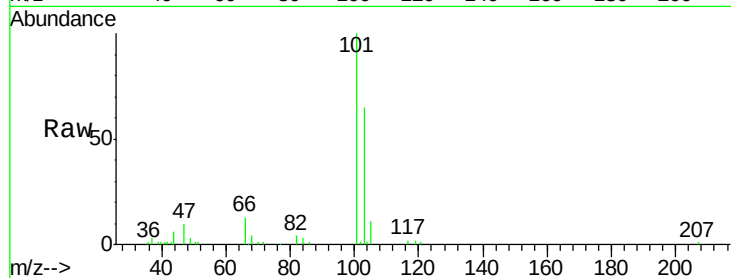
Trichlorofluoromethane  
Concen: 16.081 ug/l  
RT: 2.98 min Scan# 374  
Delta R.T. -0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.2  | 51.8  | 77.6  |

Manual Integrations  
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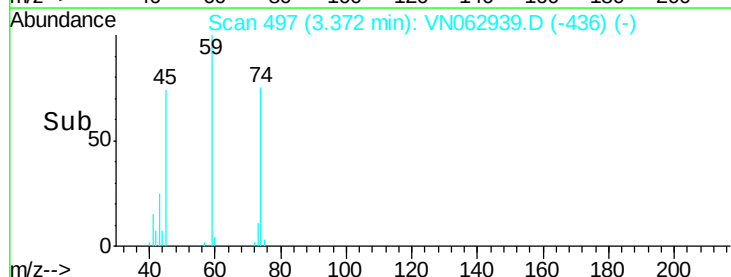
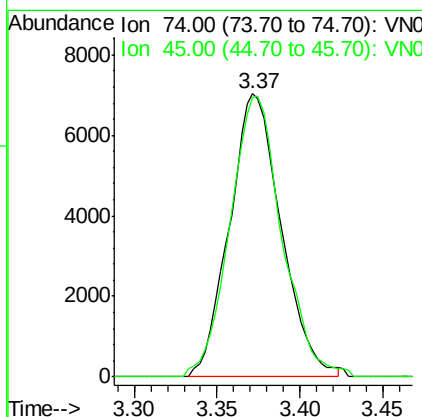
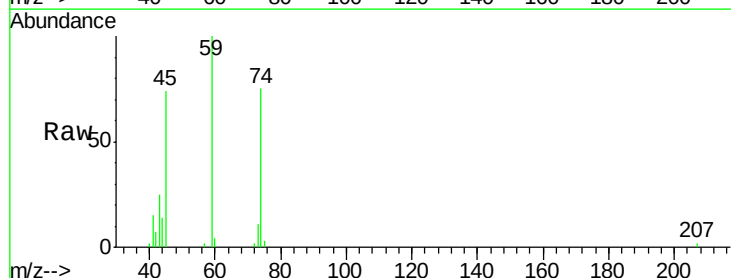
MMDadoda  
8/17/2020 5:45:08 PM



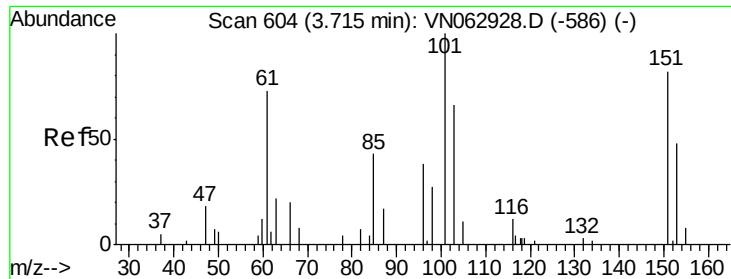
#8

Diethyl Ether  
Concen: 15.422 ug/l  
RT: 3.37 min Scan# 497  
Delta R.T. -0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 99.8  | 18.7  | 167.9 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.394 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

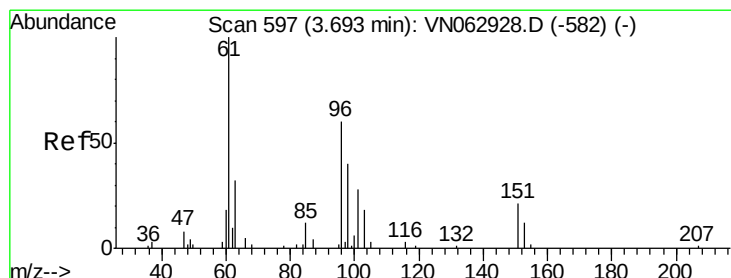
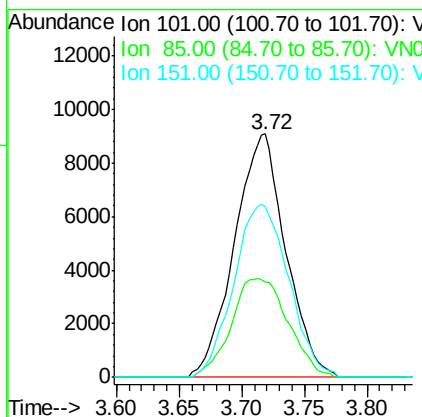
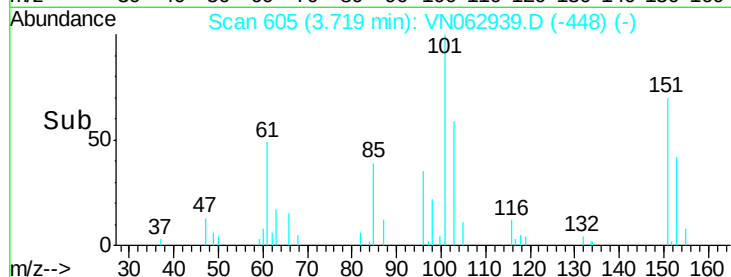
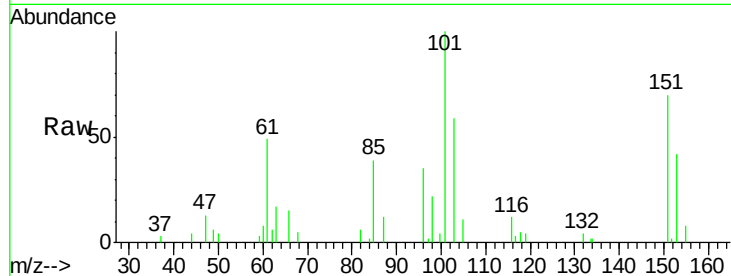
ClientSampleId :

VN0814WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 25836 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.0  | 0.0   | 92.4  |
| 151       | 76.0  | 0.0   | 162.6 |

Manual Integrations  
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8/17/2020 5:45:08 PM



#10

1,1-Dichloroethene

Concen: 16.130 ug/l

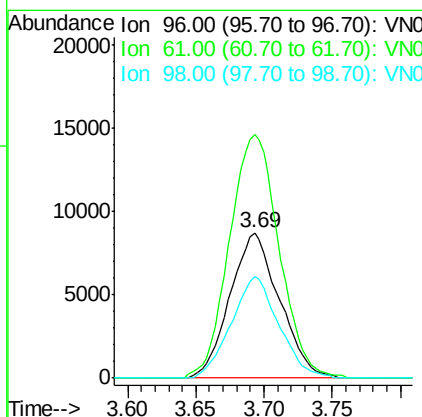
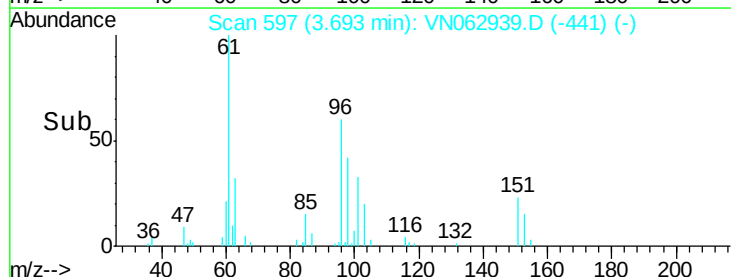
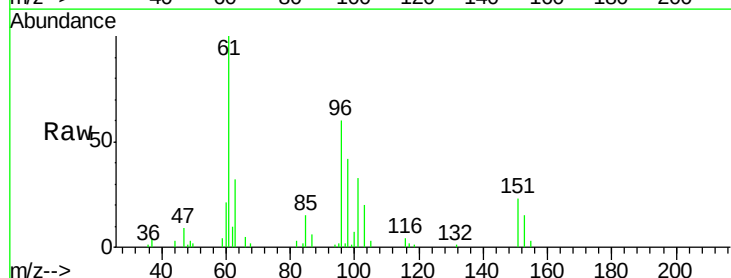
RT: 3.69 min Scan# 597

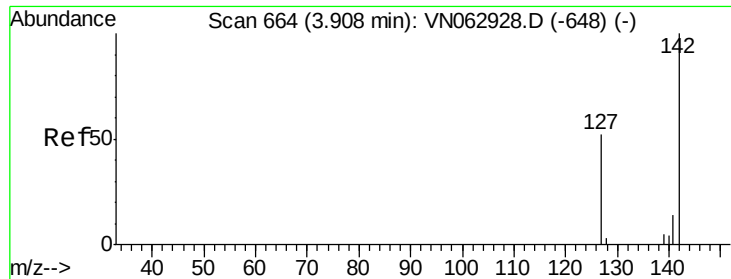
Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 21964 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 165.4 | 134.5 | 201.7 |
| 98        | 69.5  | 53.3  | 79.9  |





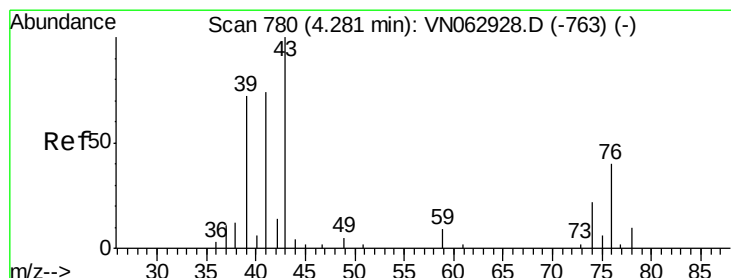
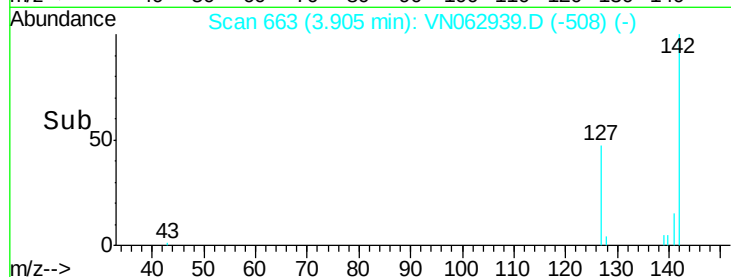
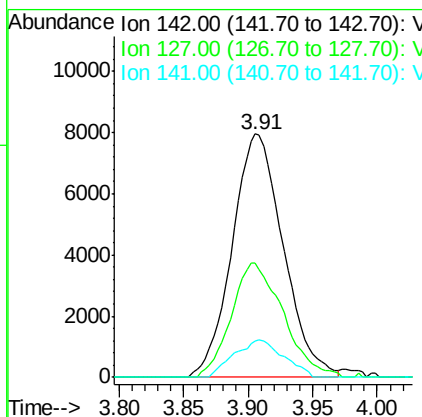
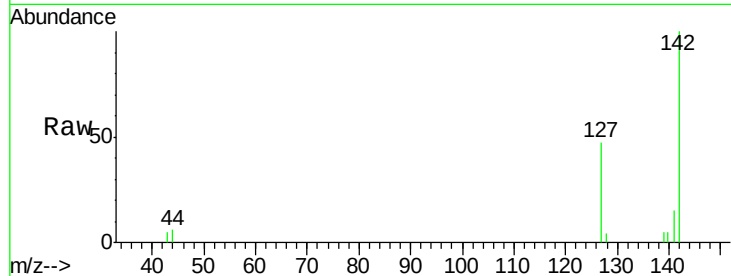
#11  
Methvl Iodide  
Concen: 11.614 ug/l  
RT: 3.91 min Scan# 663  
Delta R.T. -0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 46.6  | 26.1  | 78.3  |
| 141     | 15.3  | 7.2   | 21.7  |

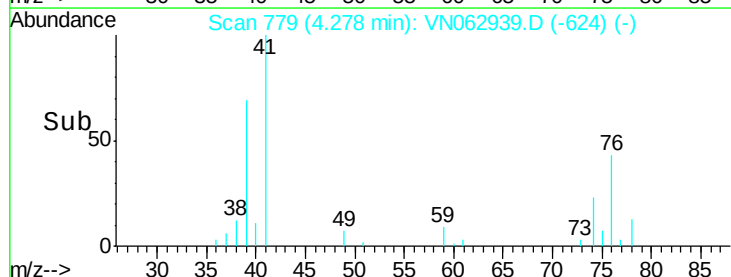
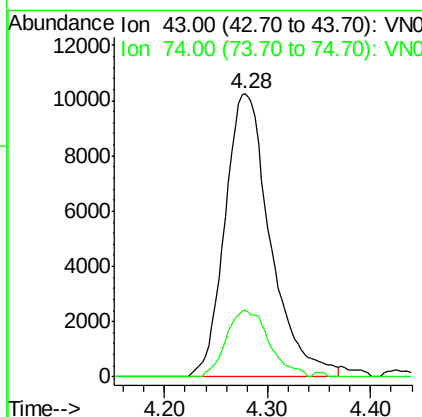
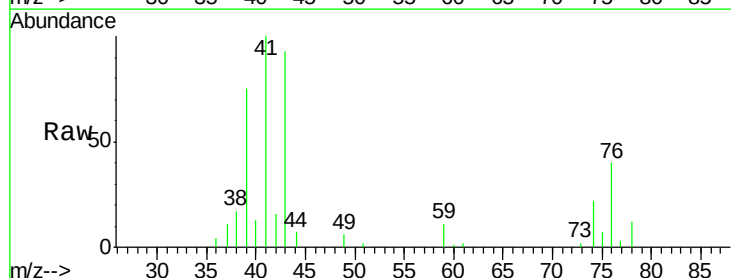
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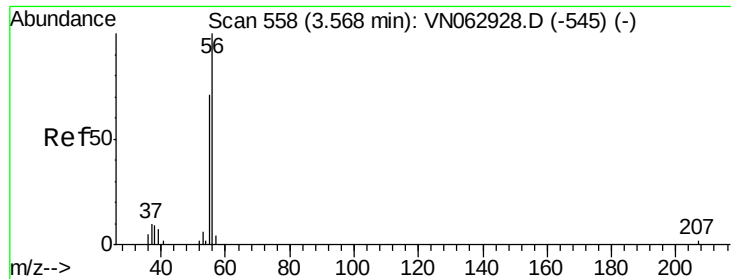
MMDadoda  
8/17/2020 5:45:08 PM



#12  
Methyl Acetate  
Concen: 15.241 ug/l  
RT: 4.28 min Scan# 779  
Delta R.T. -0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.1  | 18.1  | 27.1  |





#13

Acrolein

Concen: 67.880 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0814WBSD01

Tot Ion: 56 Resp: 17887

Ion Ratio Lower Upper

56 100

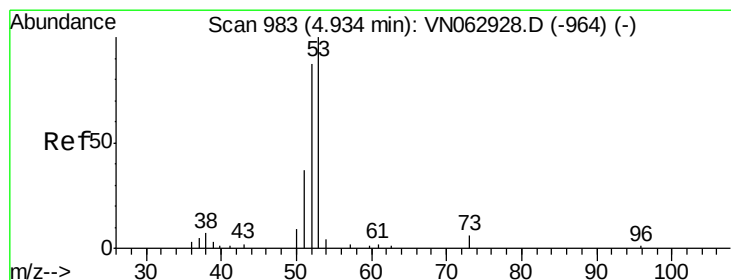
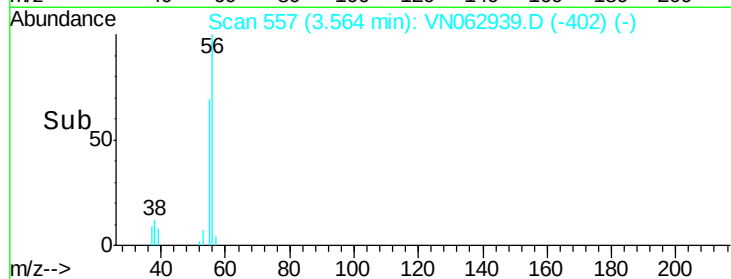
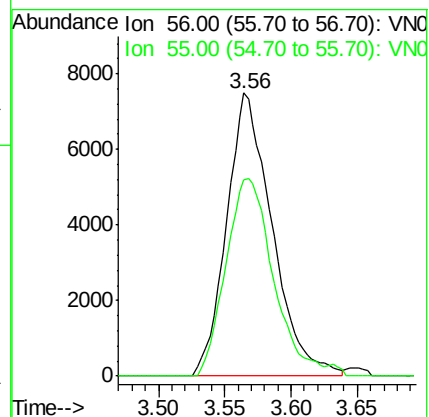
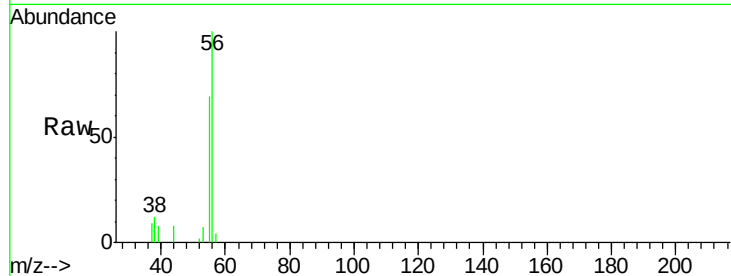
55 72.4 60.2 90.4

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#14

Acrylonitrile

Concen: 73.946 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

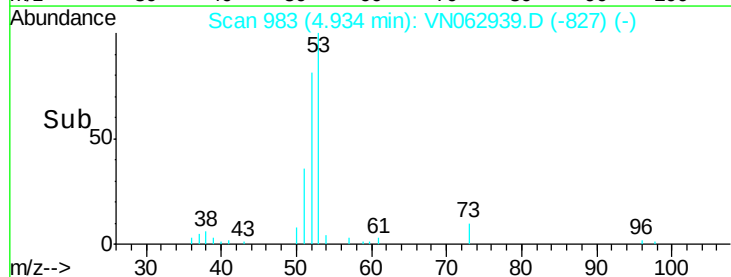
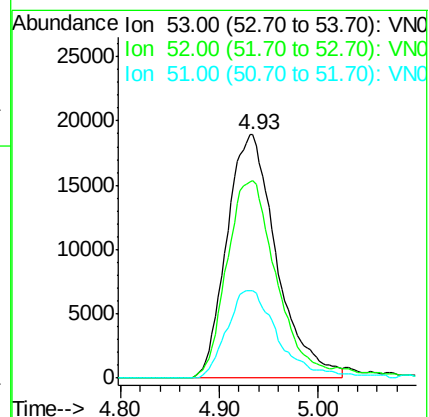
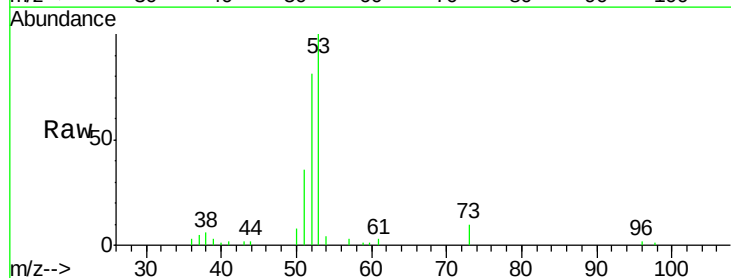
Tgt Ion: 53 Resp: 66576

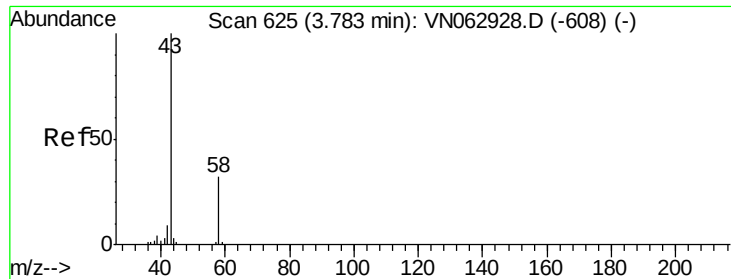
Ion Ratio Lower Upper

53 100

52 80.0 43.1 129.4

51 35.1 19.1 57.1





#15

Acetone

Concen: 93.416 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.01 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0814WBSD01

Tot Ion: 58 Resp: 22464

Ion Ratio Lower Upper

58 100

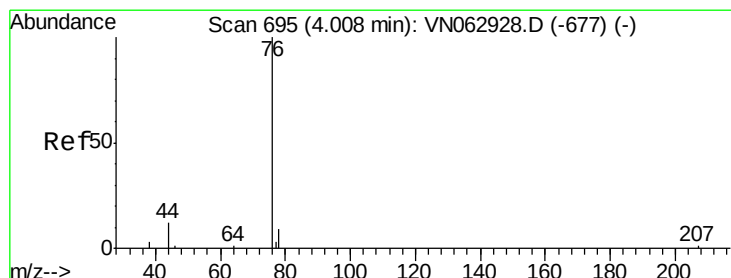
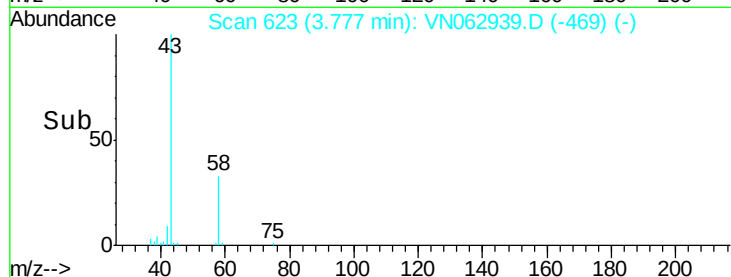
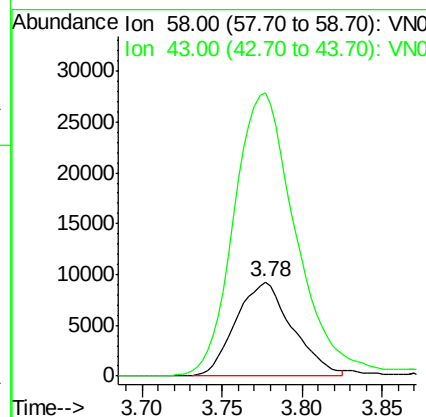
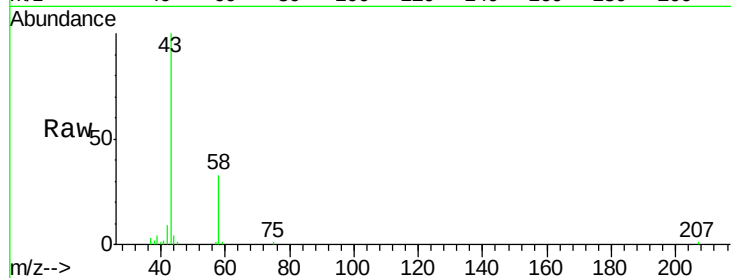
43 295.4 250.0 375.0

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#16

Carbon Disulfide

Concen: 15.430 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062939.D

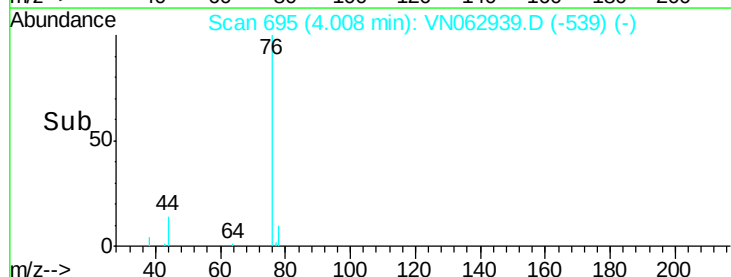
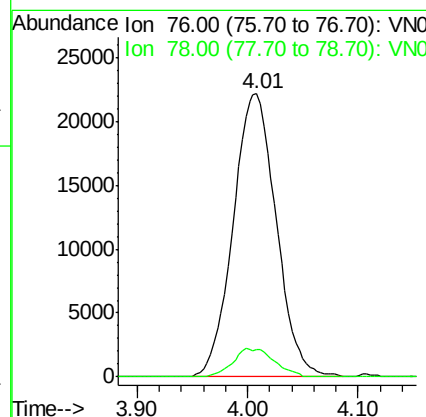
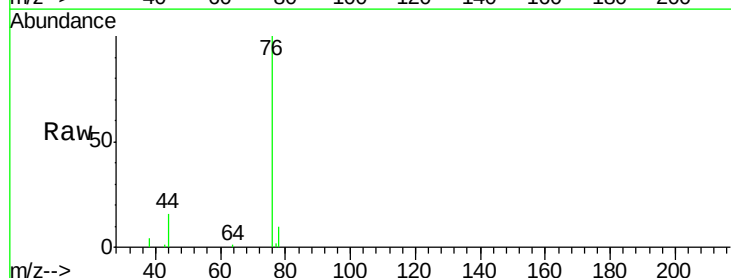
Acq: 14 Aug 2020 16:40

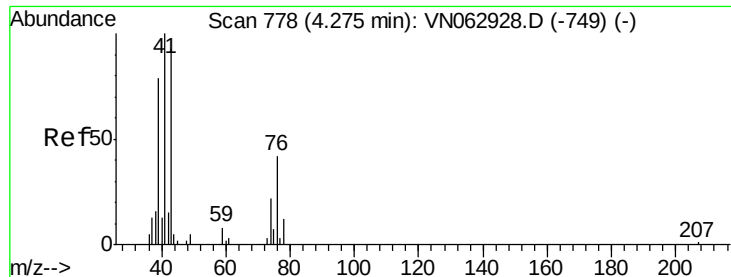
Tgt Ion: 76 Resp: 59925

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6





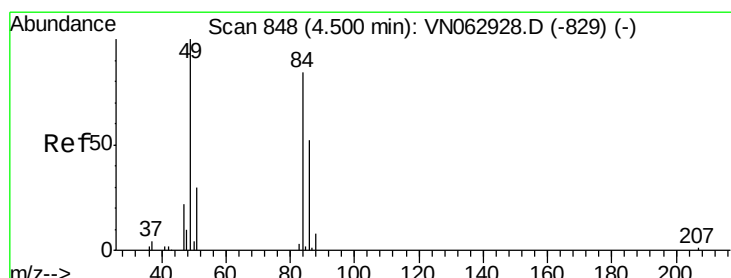
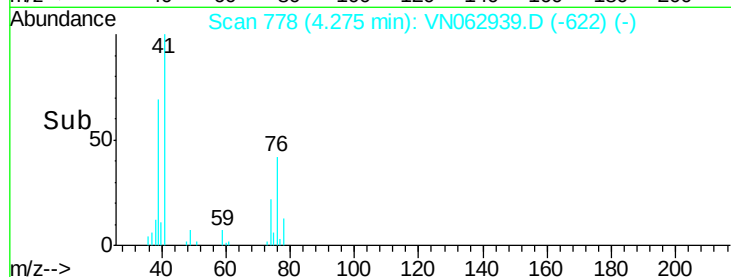
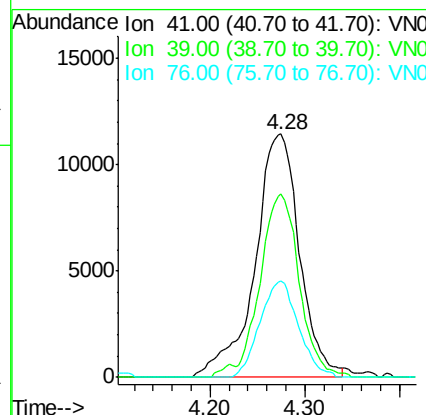
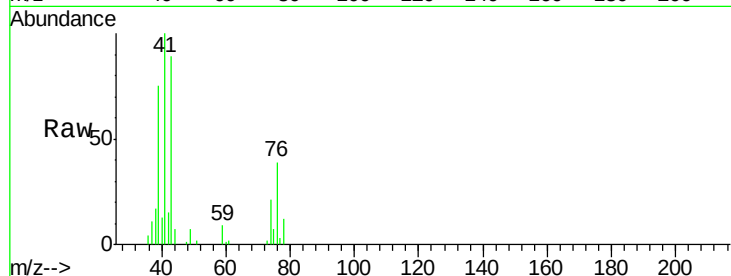
#17  
Allvl chloride  
Concen: 15.948 ug/l  
RT: 4.28 min Scan# 778  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 75.4  | 39.6  | 118.7 |
| 76      | 39.4  | 21.3  | 63.7  |

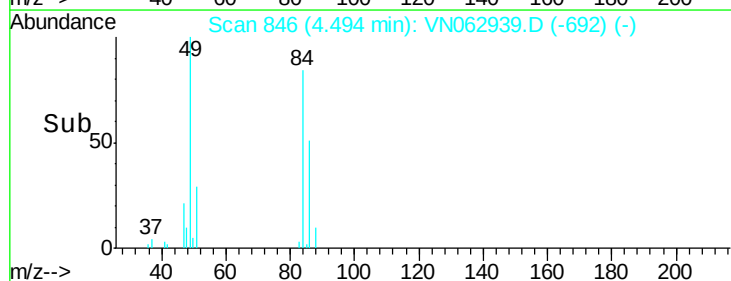
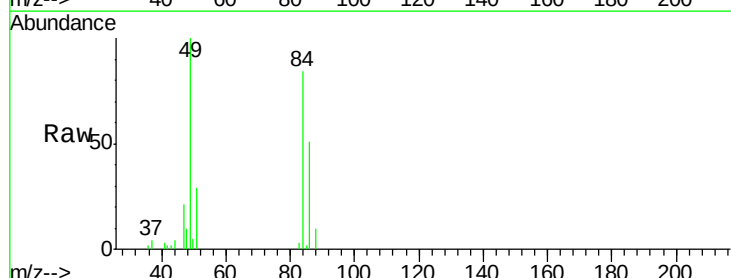
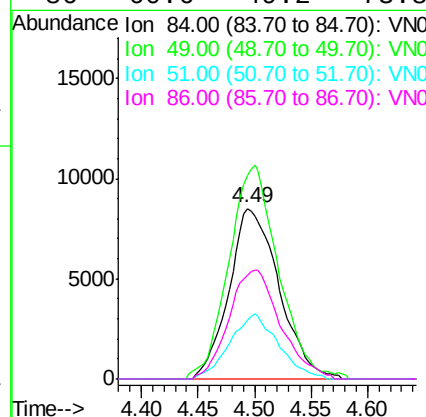
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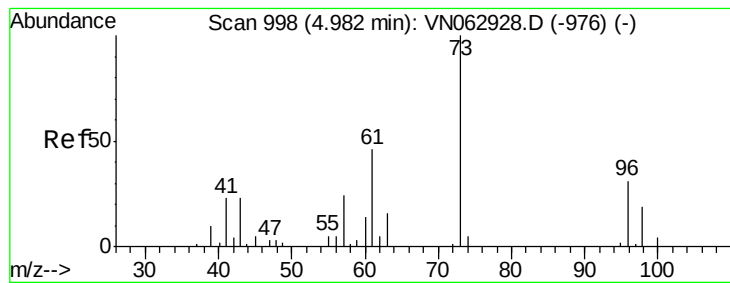
MMDadoda  
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#18  
Methylene Chloride  
Concen: 14.871 ug/l  
RT: 4.49 min Scan# 846  
Delta R.T. -0.01 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 116.0 | 95.0  | 142.6 |
| 51      | 34.3  | 28.2  | 42.4  |
| 86      | 60.6  | 49.2  | 73.8  |





#19

trans-1,2-Dichloroethene

Concen: 14.811 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0814WBSD01

Tot Ion: 96 Resp: 22525

Ion Ratio Lower Upper

96 100

61 145.3 118.0 177.0

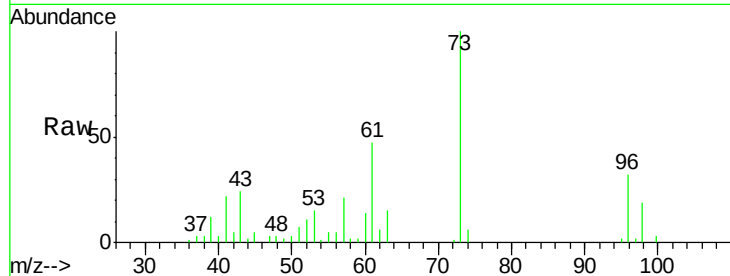
98 58.0 48.7 73.1

Manual Integrations

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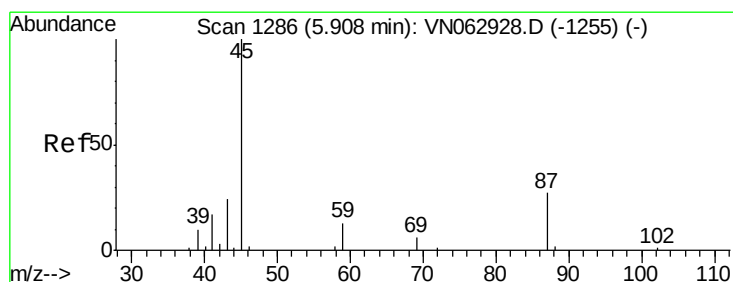
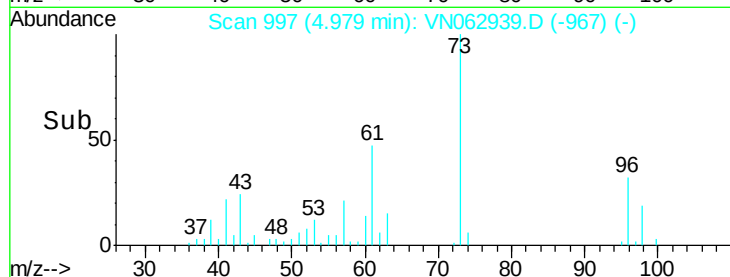
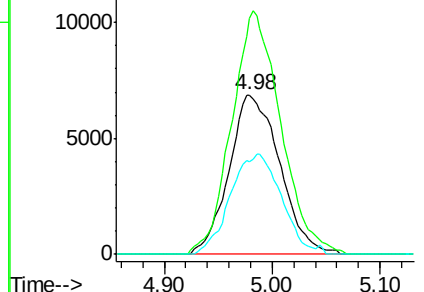
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Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether

Concen: 16.016 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Tgt Ion: 45 Resp: 87951

Ion Ratio Lower Upper

45 100

43 64.0 48.6 72.8

87 28.8 22.6 34.0

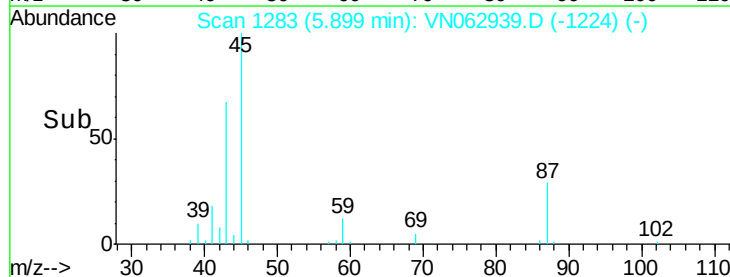
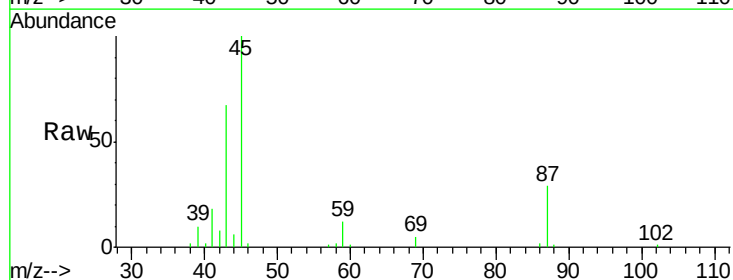
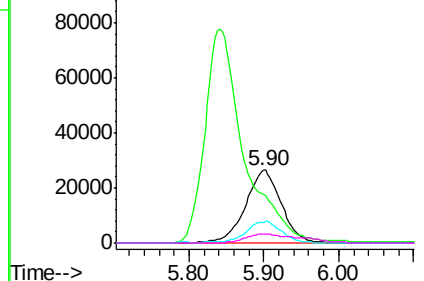
59 11.8 10.6 15.8

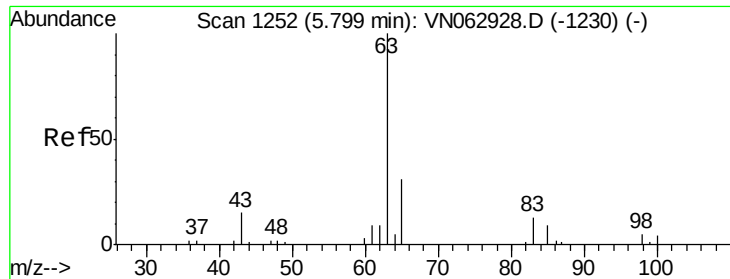
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





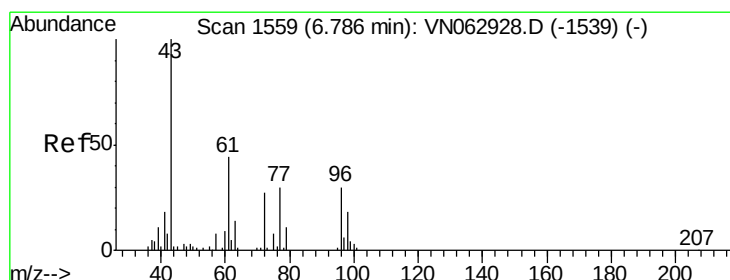
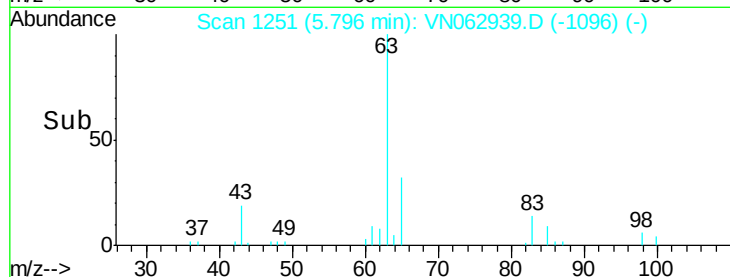
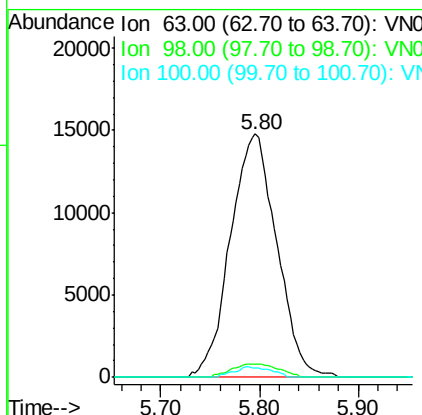
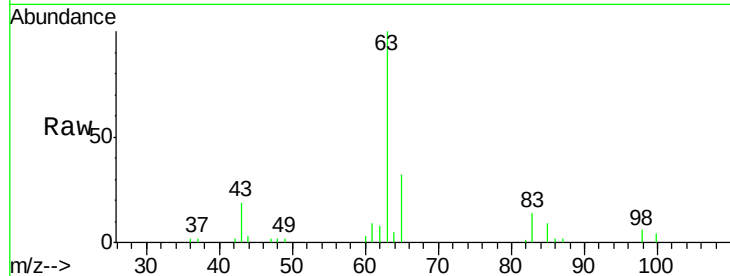
#21  
 1,1-Dichloroethane  
 Concen: 15.016 ug/l  
 RT: 5.80 min Scan# 1251  
 Delta R.T. -0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0814WBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 63      | 100   | 48265 |       |       |
| 98      | 5.6   |       | 2.6   | 7.8   |
| 100     | 3.8   |       | 2.1   | 6.5   |

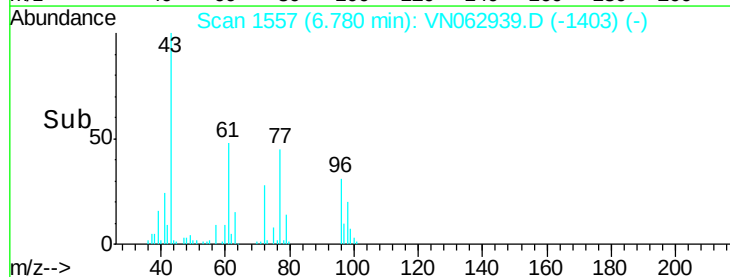
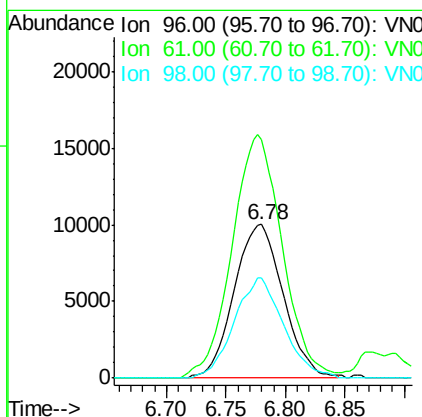
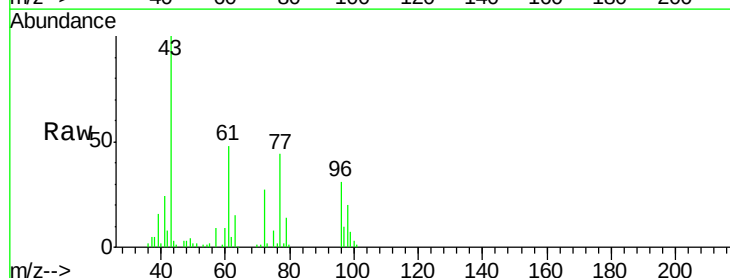
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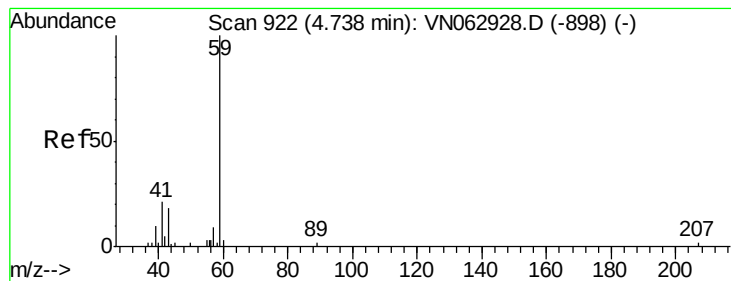
MMDadoda  
 8/17/2020 5:45:08 PM



#22  
 cis-1,2-Dichloroethene  
 Concen: 15.741 ug/l  
 RT: 6.78 min Scan# 1557  
 Delta R.T. -0.01 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 28623 |       |       |
| 61      | 162.1 |       | 124.9 | 187.3 |
| 98      | 65.6  |       | 27.8  | 41.6# |





#23

tert-Butyl Alcohol

Concen: 69.182 ug/l

RT: 4.74 min Scan# 923

Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0814WBSD01

Tot Ion: 59 Resp: 26648

Ion Ratio Lower Upper

59 100

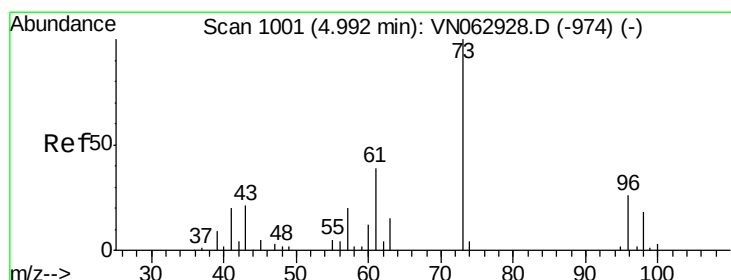
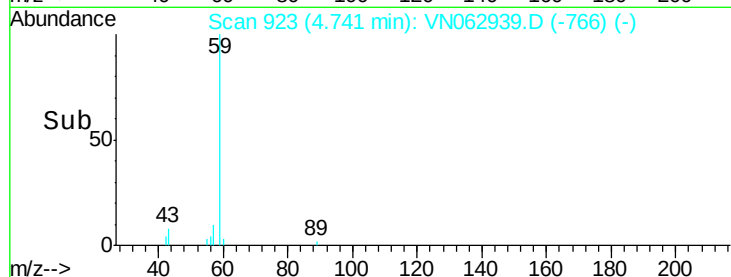
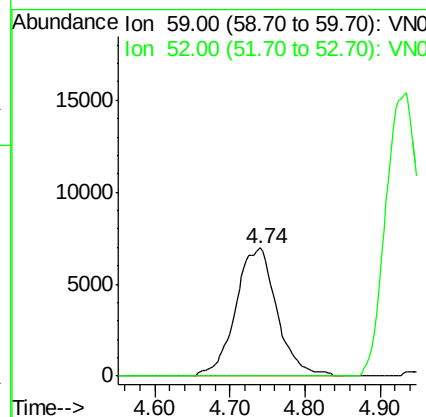
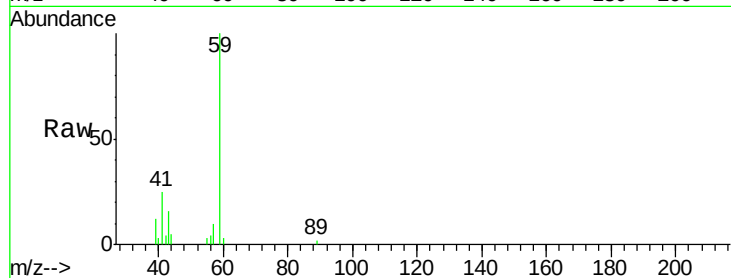
52 200.0 0.0 0.0#

Manual Integrations

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#24

Methyl tert-Butyl Ether

Concen: 14.509 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062939.D

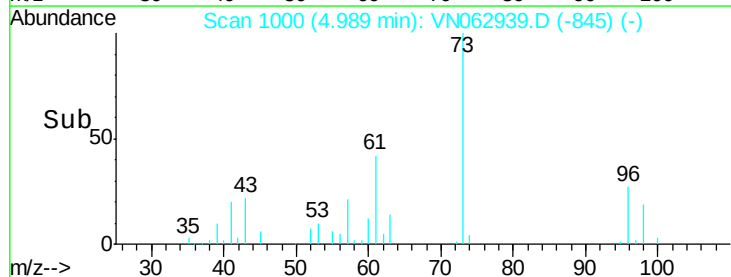
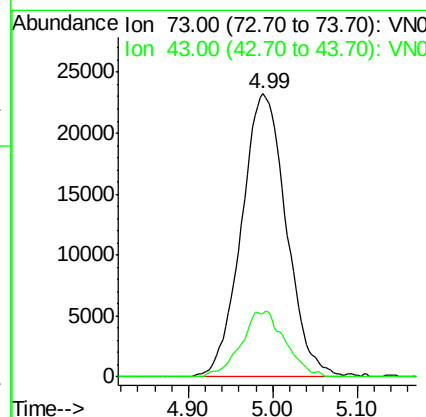
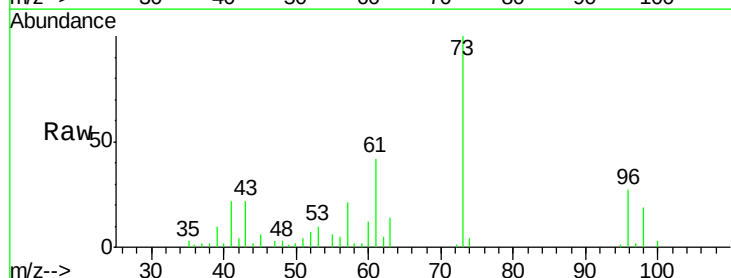
Acq: 14 Aug 2020 16:40

Tgt Ion: 73 Resp: 85858

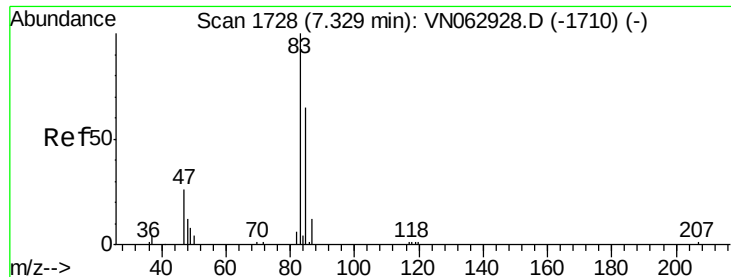
Ion Ratio Lower Upper

73 100

43 11.9 17.3 25.9#







#25

Chloroform

Concen: 15.570 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0814WBSD01

Tot Ion: 83 Resp: 54301

Ion Ratio Lower Upper

83 100

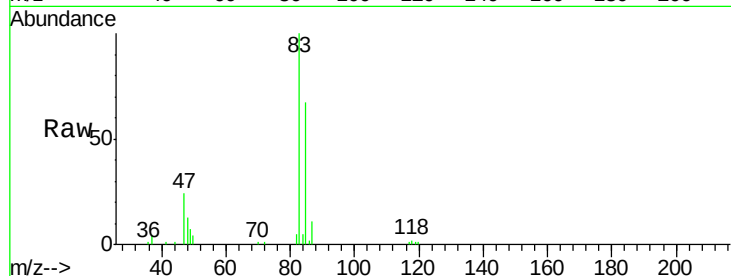
85 66.9 52.3 78.5

Manual Integrations

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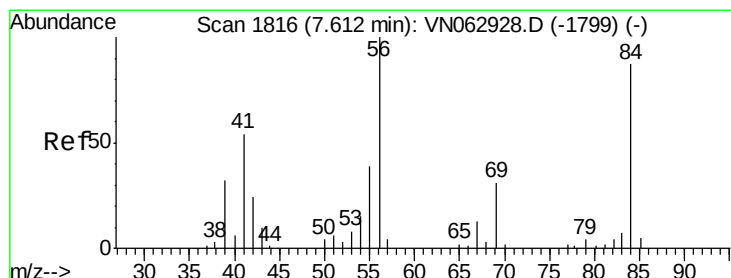
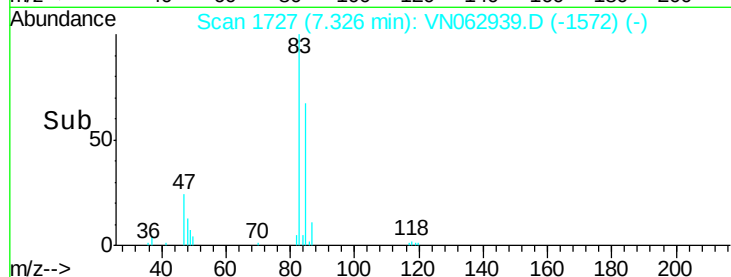
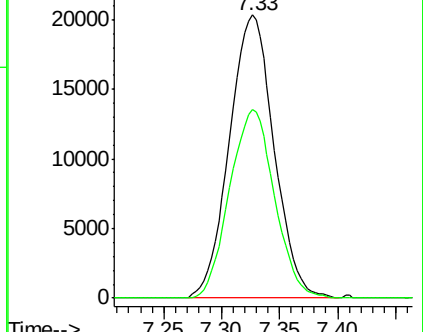
MMDadoda

8/17/2020 5:45:08 PM



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#26

Cyclohexane

Concen: 15.917 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

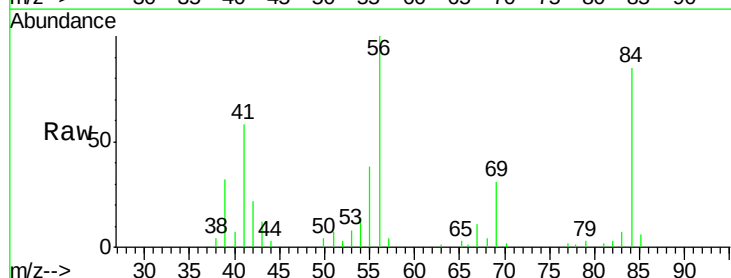
Tgt Ion: 56 Resp: 43312

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

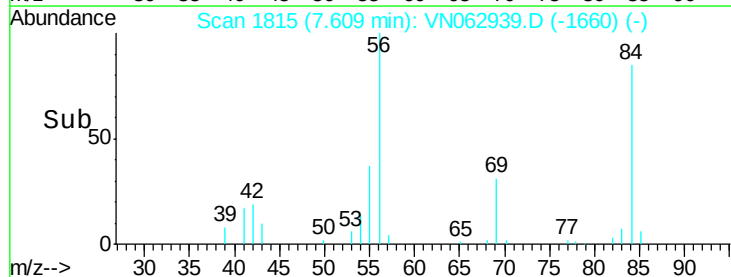
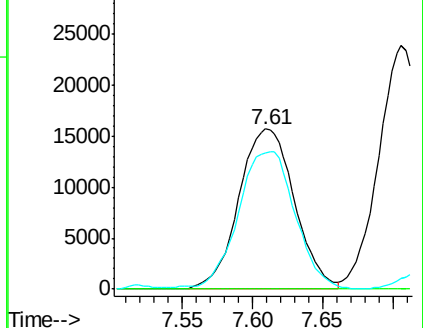
84 87.5 71.9 107.9

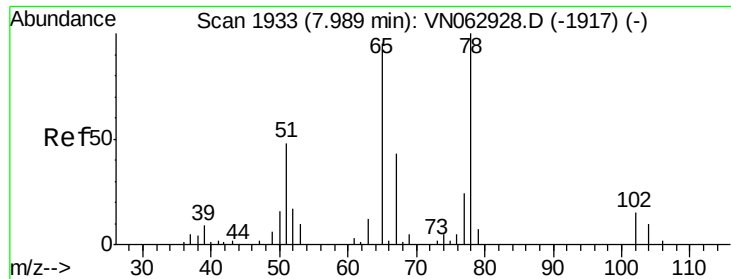


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





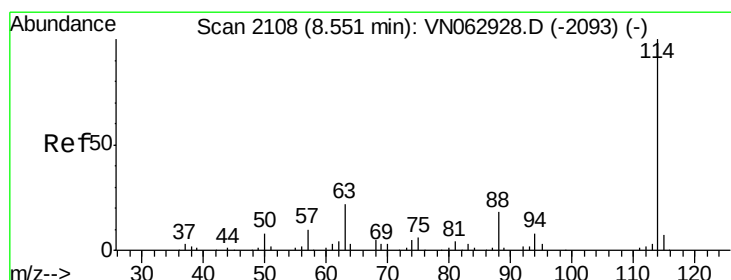
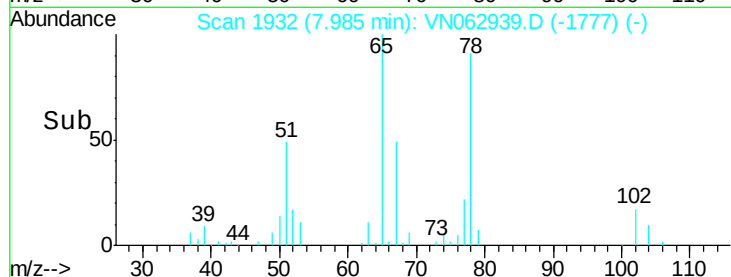
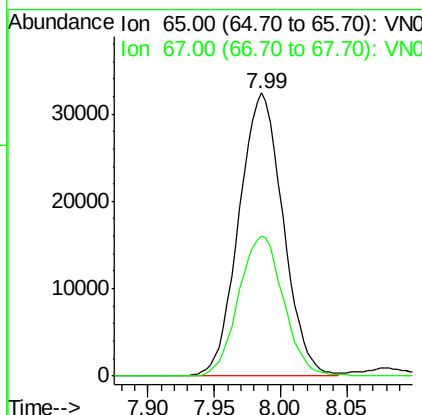
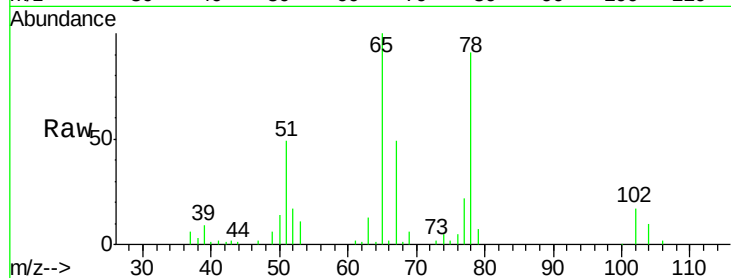
#27  
 1,2-Dichloroethane-d4  
 Concen: 28.448 ug/l  
 RT: 7.99 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 50.2  | 39.5  | 59.3  |

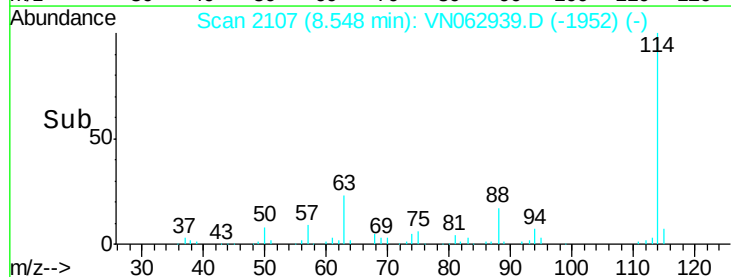
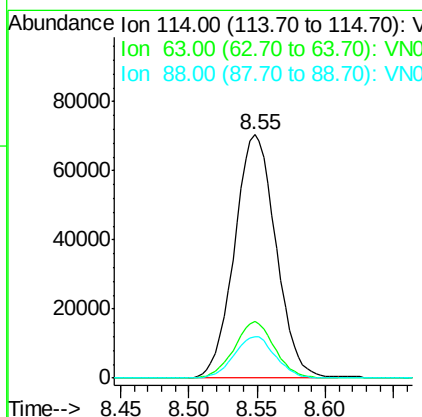
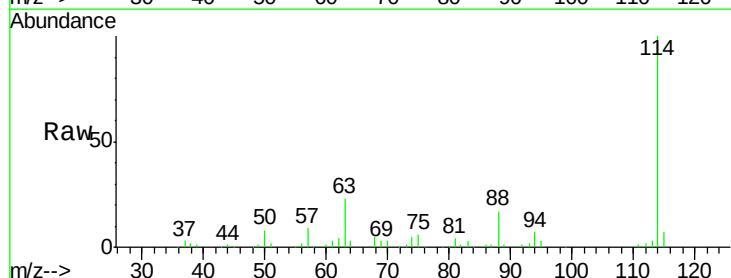
Manual Integrations  
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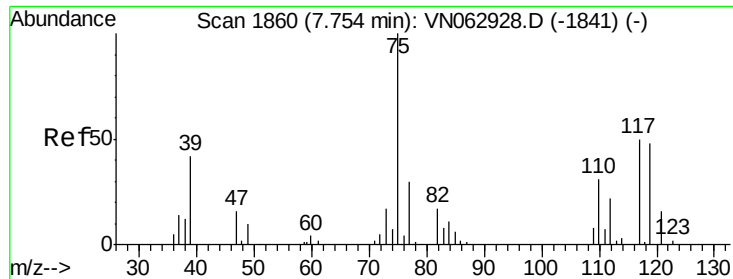
MMDadoda  
 8/17/2020 5:45:08 PM



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 8.55 min Scan# 2107  
 Delta R.T. -0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 22.4  | 17.7  | 26.5  |
| 88      | 16.9  | 13.9  | 20.9  |





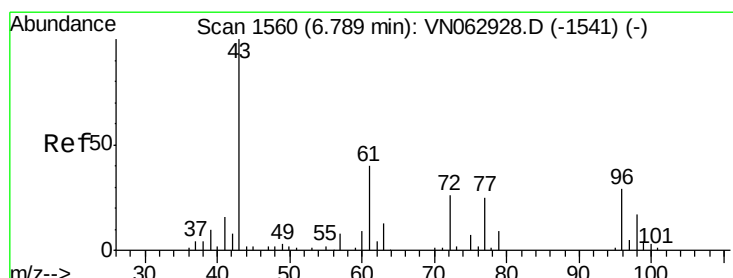
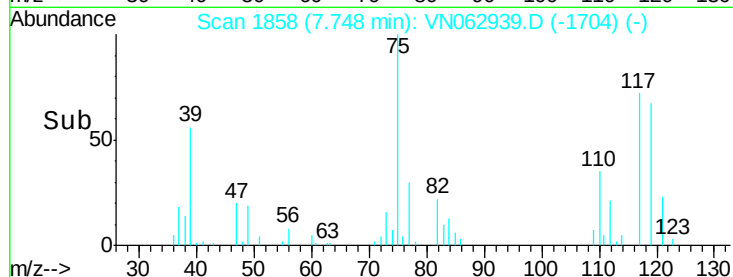
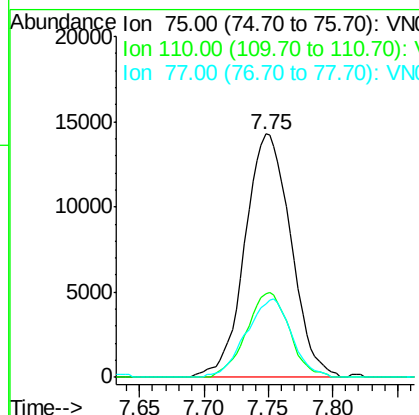
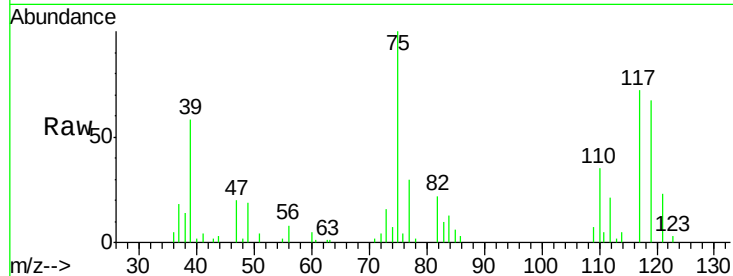
#29  
 1,1-Dichloropropene  
 Concen: 16.167 ug/l  
 RT: 7.75 min Scan# 1858  
 Delta R.T. -0.01 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0814WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 32.5  | 0.0  | 65.8  |       |
| 77      | 31.7  | 0.0  | 59.8  |       |

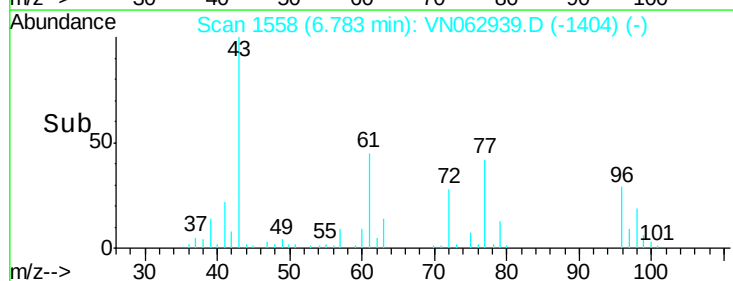
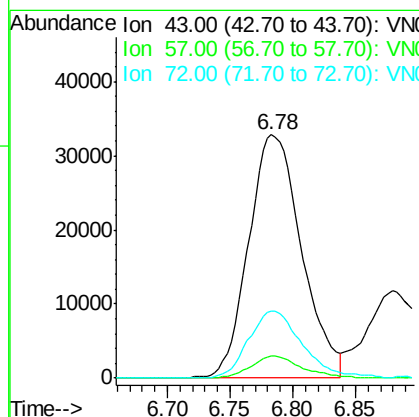
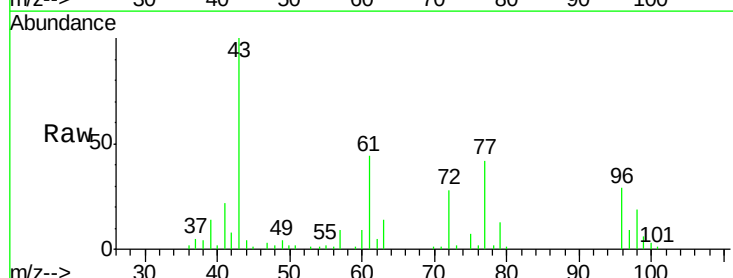
Manual Integrations  
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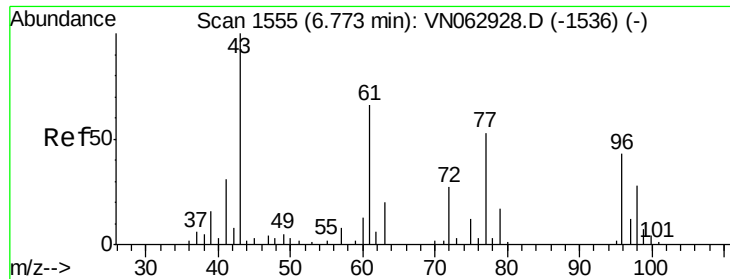
MMDadoda  
 8/17/2020 5:45:08 PM



#30  
 2-Butanone  
 Concen: 85.273 ug/l  
 RT: 6.78 min Scan# 1558  
 Delta R.T. -0.01 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 43      | 100   |      |       |       |
| 57      | 8.6   | 7.0  | 10.6  |       |
| 72      | 27.8  | 22.0 | 33.0  |       |





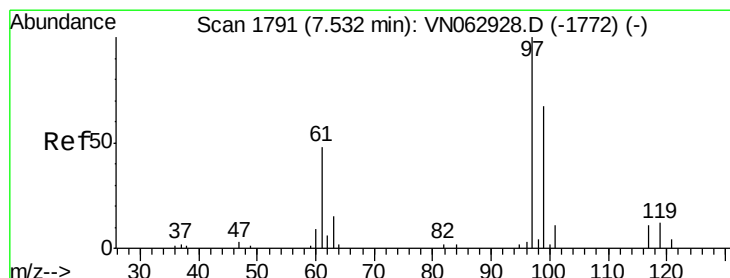
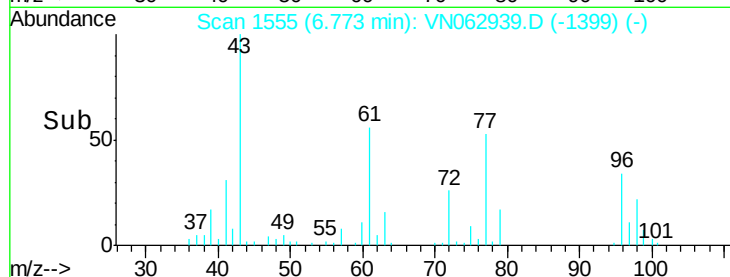
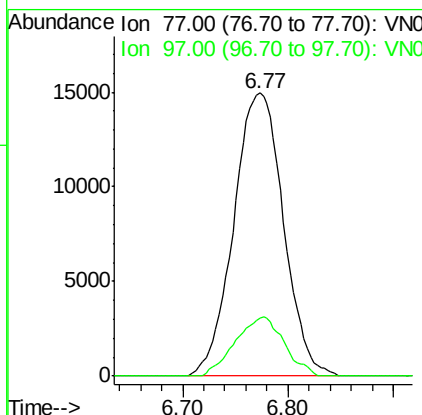
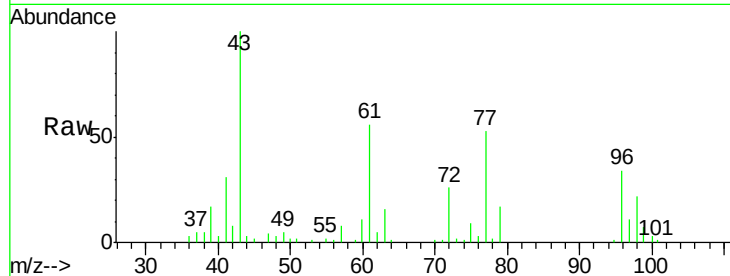
#31  
 2,2-Dichloropropane  
 Concen: 22.436 ug/l  
 RT: 6.77 min Scan# 1555  
 Delta R.T. 0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0814WBSD01

Tot Ion: 77 Resp: 49028  
 Ion Ratio Lower Upper  
 77 100  
 97 20.5 16.1 24.1

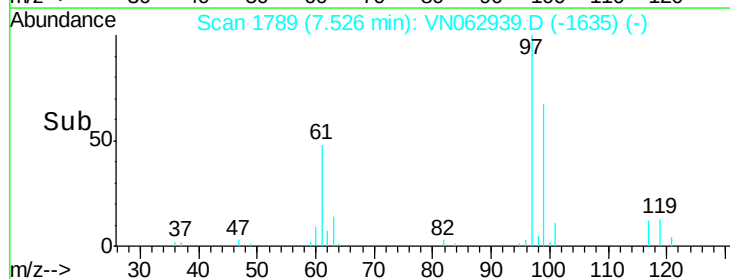
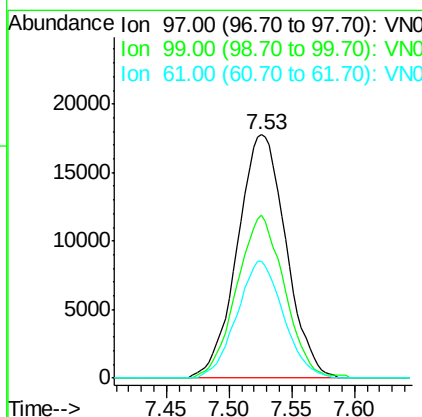
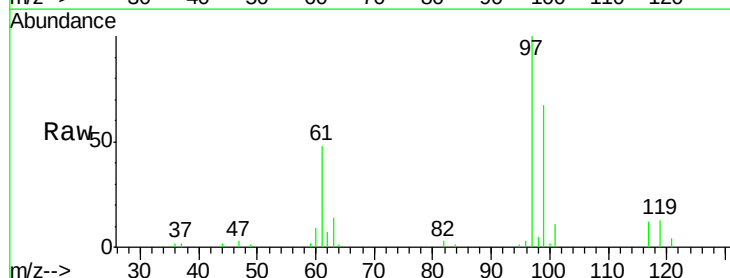
Manual Integrations  
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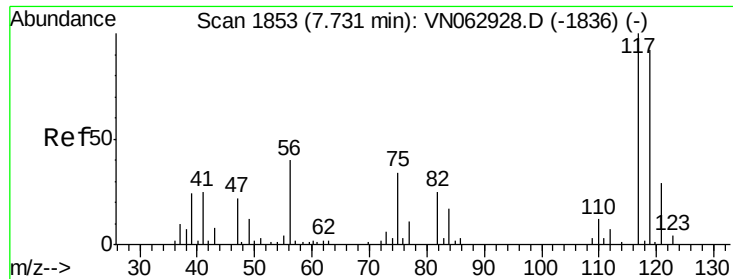
MMDadoda  
 8/17/2020 5:45:08 PM



#32  
 1,1,1-Trichloroethane  
 Concen: 15.922 ug/l  
 RT: 7.53 min Scan# 1789  
 Delta R.T. -0.01 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Tgt Ion: 97 Resp: 47877  
 Ion Ratio Lower Upper  
 97 100  
 99 65.5 53.8 80.8  
 61 46.0 36.3 54.5





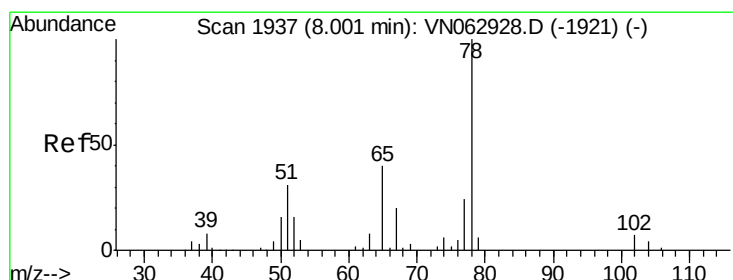
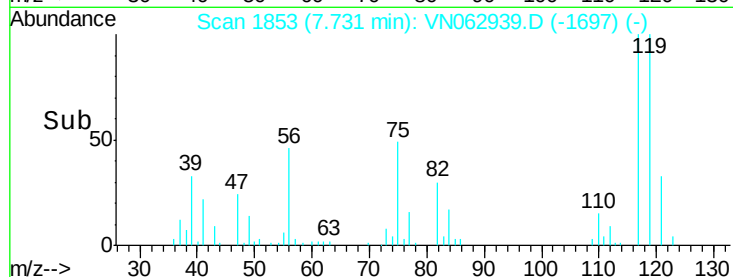
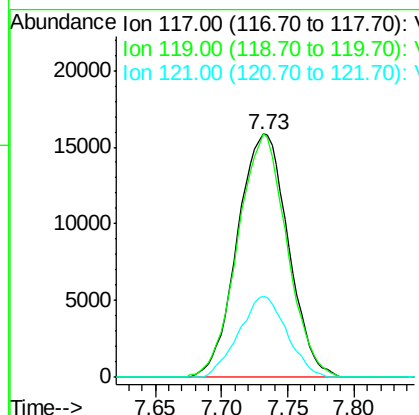
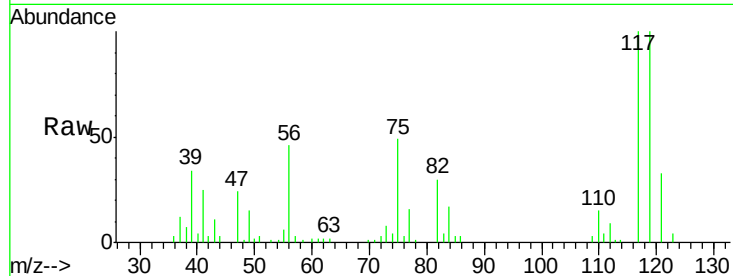
#33  
Carbon Tetrachloride  
Concen: 15.886 ug/l  
RT: 7.73 min Scan# 1853  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 99.8  | 73.9  | 110.9 |
| 121     | 33.2  | 23.2  | 34.8  |

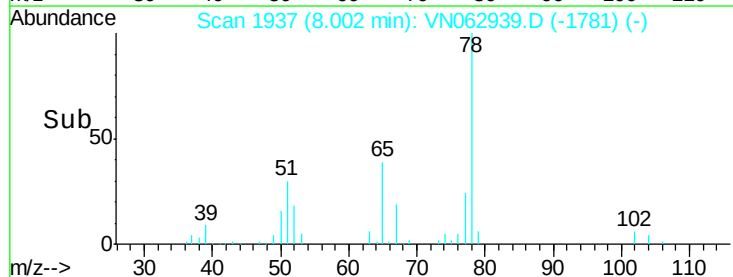
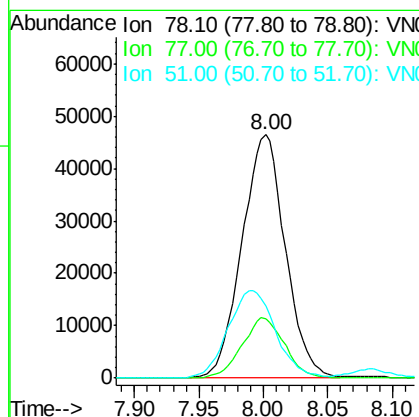
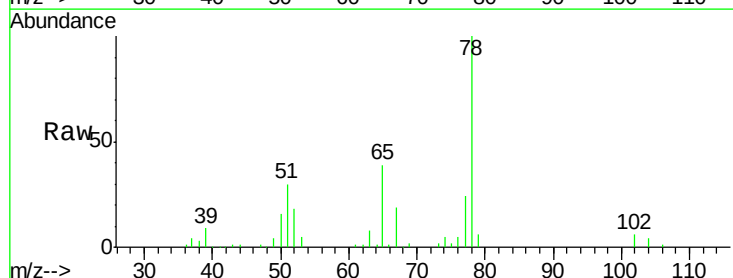
Manual Integrations  
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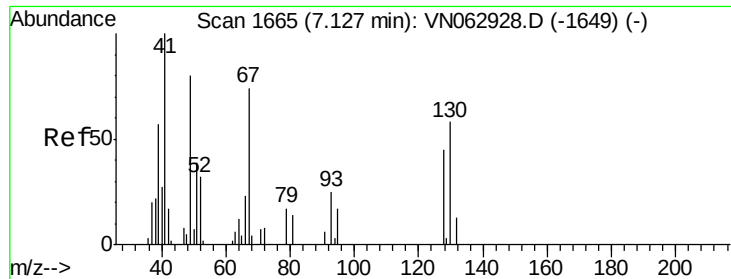
MMDadoda  
8/17/2020 5:45:08 PM



#34  
Benzene  
Concen: 16.521 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.2  | 19.3  | 28.9  |
| 51      | 29.2  | 24.9  | 37.3  |





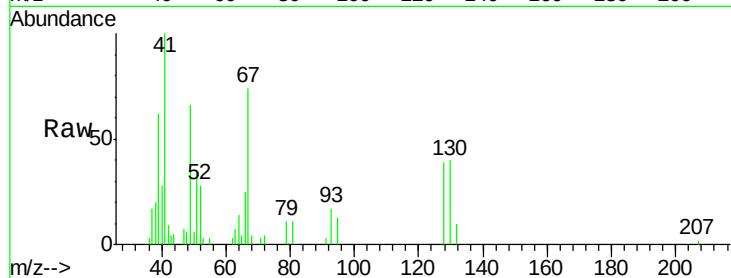
#35  
Methacrylonitrile  
Concen: 13.434 ug/l  
RT: 7.12 min Scan# 1662  
Delta R.T. -0.01 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

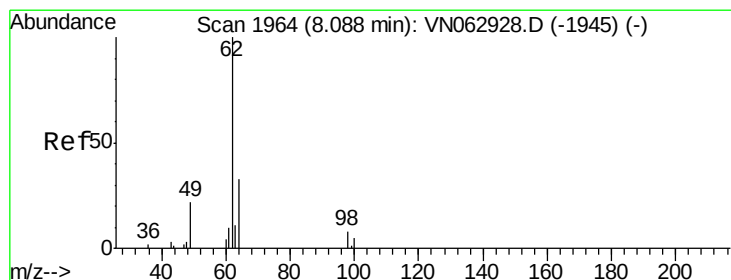
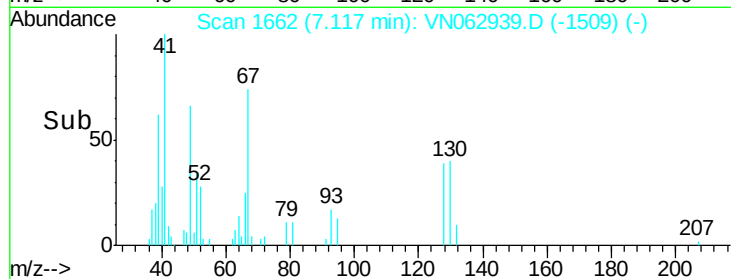
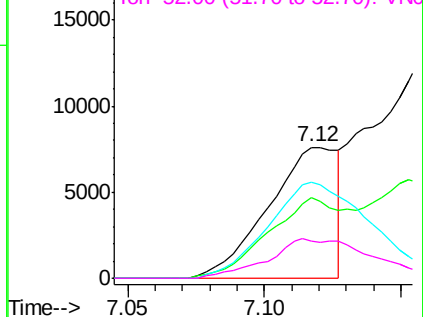
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 13502 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 61.6  | 28.7  | 86.3  |
| 67       | 73.7  | 36.8  | 110.3 |
| 52       | 28.1  | 16.1  | 48.2  |

Manual Integrations  
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MMDadoda  
8/17/2020 5:45:08 PM

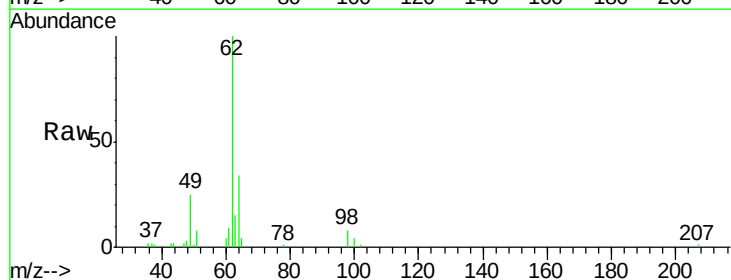


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

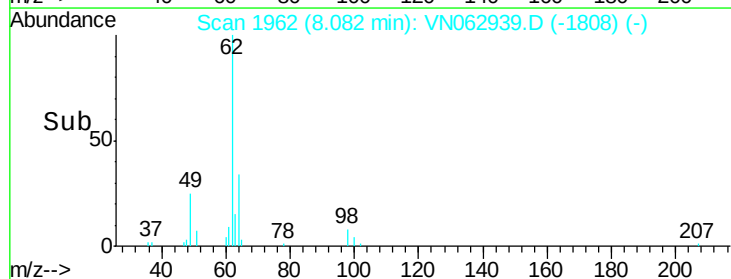
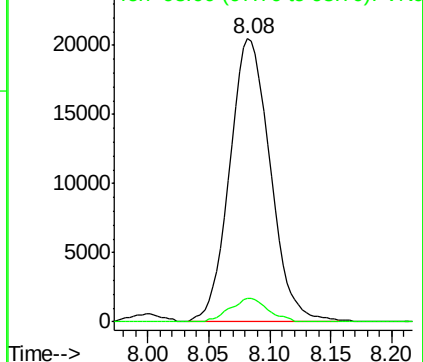


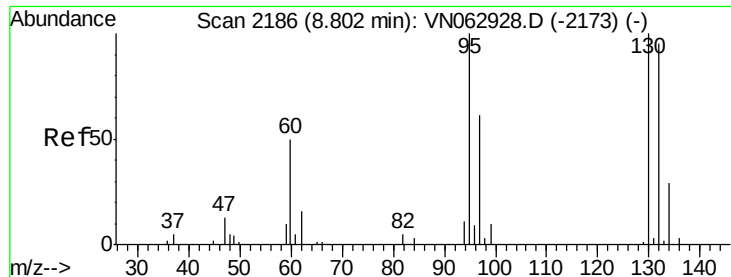
#36  
1,2-Dichloroethane  
Concen: 16.520 ug/l  
RT: 8.08 min Scan# 1962  
Delta R.T. -0.01 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 47337 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.8   | 6.1   | 9.1   |



Abundance Ion 62.00 (61.70 to 62.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 18.724 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0814WBSD01

Tot Ion:130 Resp: 30640

Ion Ratio Lower Upper

130 100

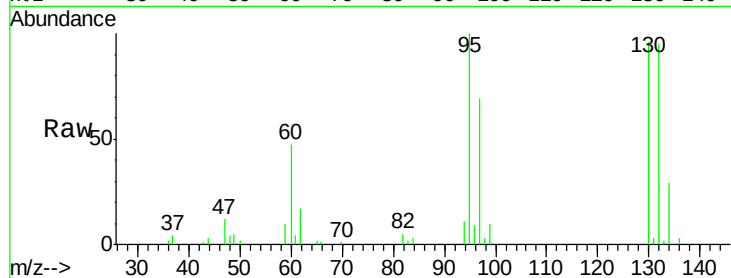
95 102.5 80.1 120.1

Manual Integrations

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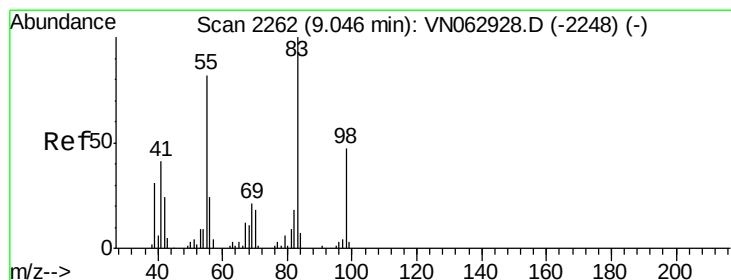
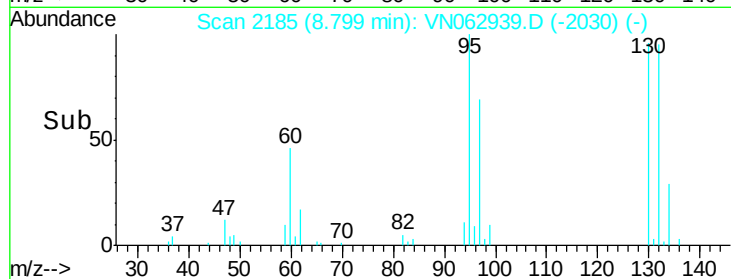
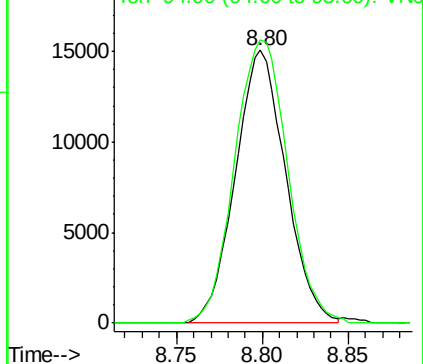
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 15.478 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

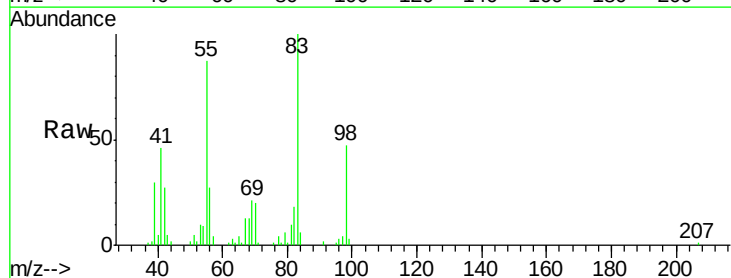
Tgt Ion: 83 Resp: 40630

Ion Ratio Lower Upper

83 100

55 84.4 40.8 122.5

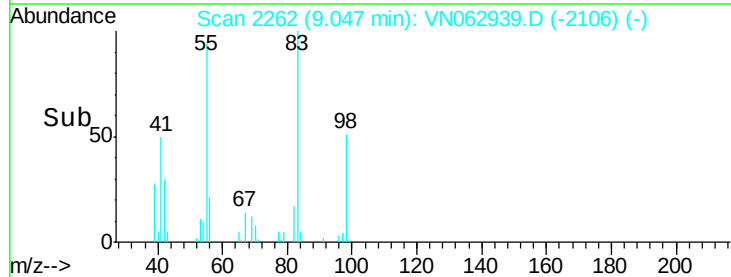
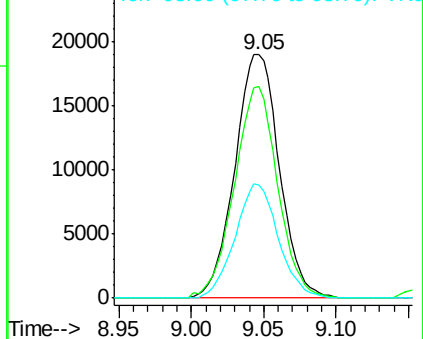
98 45.5 22.3 66.8

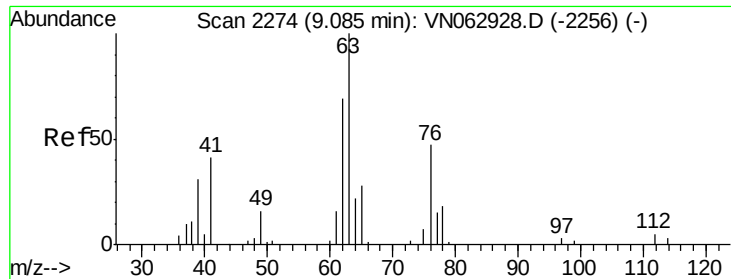


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





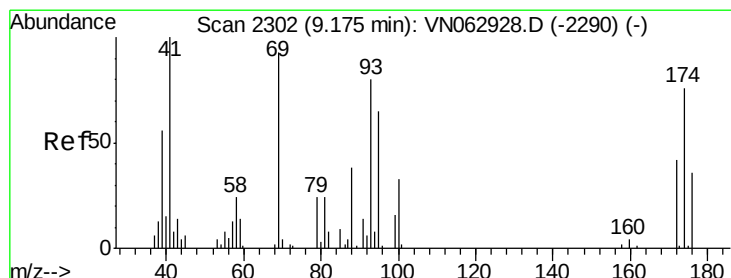
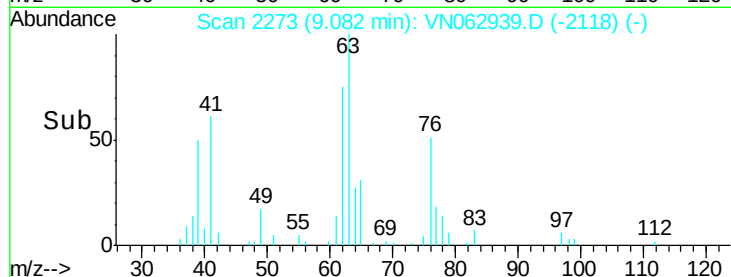
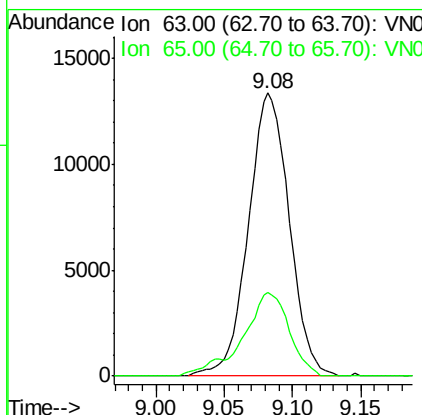
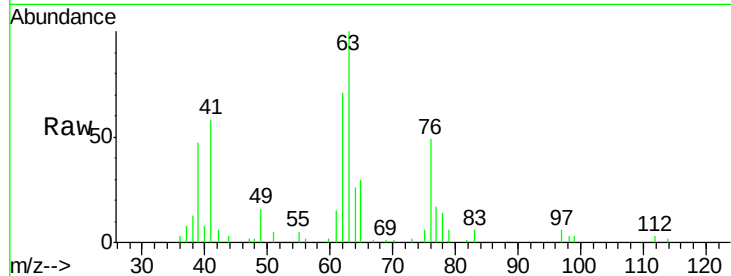
#39  
 1,2-Dichloropropane  
 Concen: 15.439 ug/l  
 RT: 9.08 min Scan# 2273  
 Delta R.T. -0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0814WBSD01

Tot Ion: 63 Resp: 27804  
 Ion Ratio Lower Upper  
 63 100  
 65 29.7 23.8 35.6

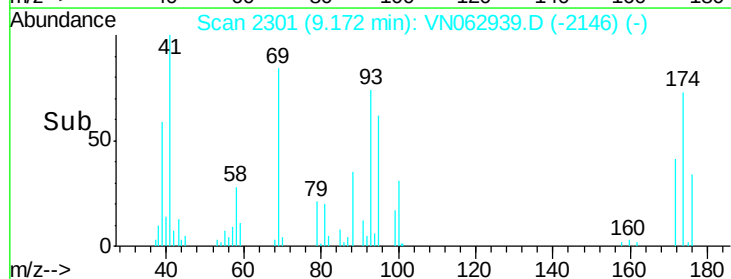
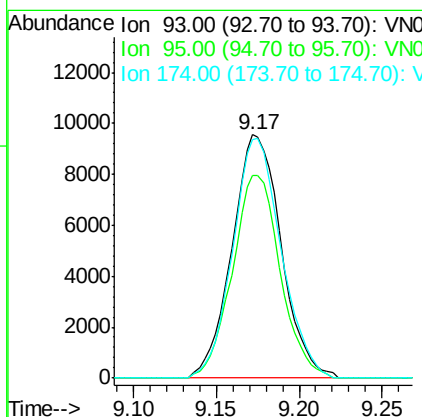
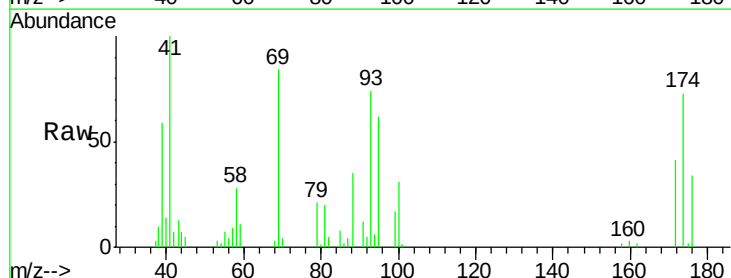
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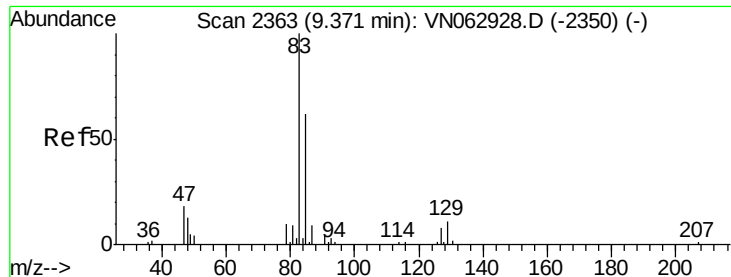


#40  
 Dibromomethane  
 Concen: 16.191 ug/l  
 RT: 9.17 min Scan# 2301  
 Delta R.T. -0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Tgt Ion: 93 Resp: 19750  
 Ion Ratio Lower Upper  
 93 100  
 95 81.1 0.0 161.8  
 174 96.9 0.0 190.0







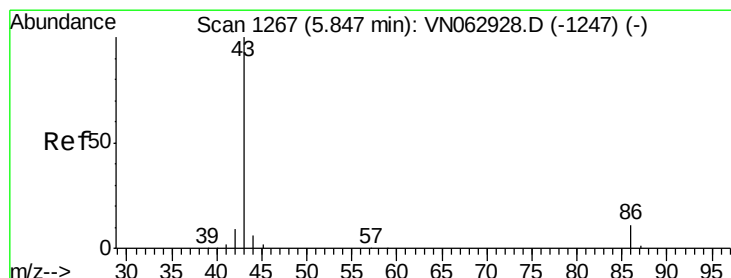
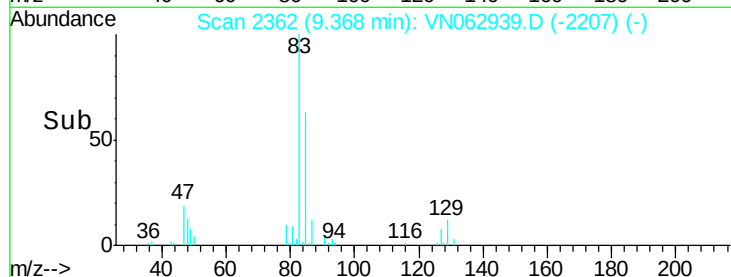
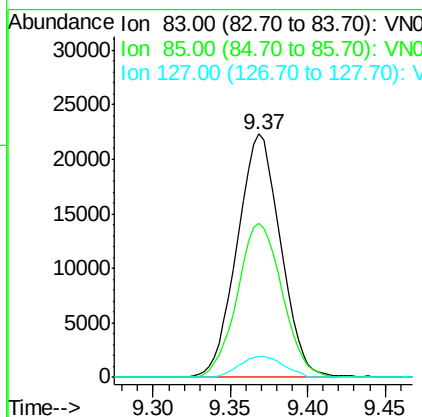
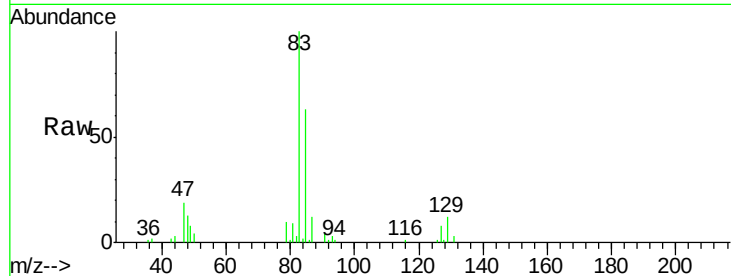
#41  
 Bromodichloromethane  
 Concen: 15.957 ug/l  
 RT: 9.37 min Scan# 2362  
 Delta R.T. -0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0814WBSD01

| Tot Ion   | 83   | Resp  | 43685 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 63.3 | 49.9  | 74.9  |
| 127       | 8.4  | 7.1   | 10.7  |

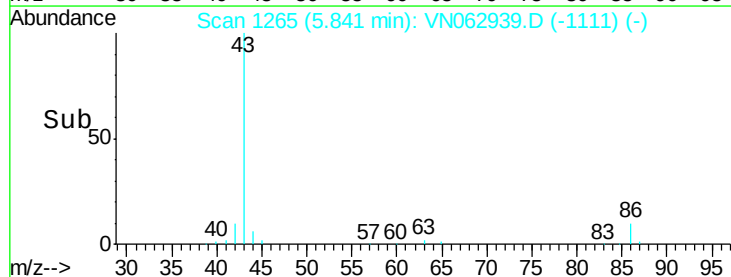
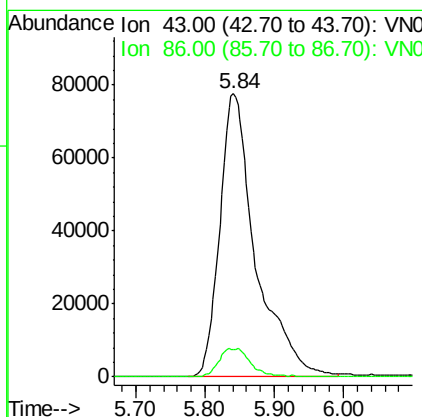
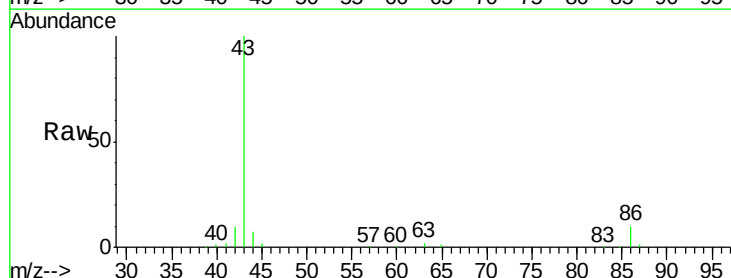
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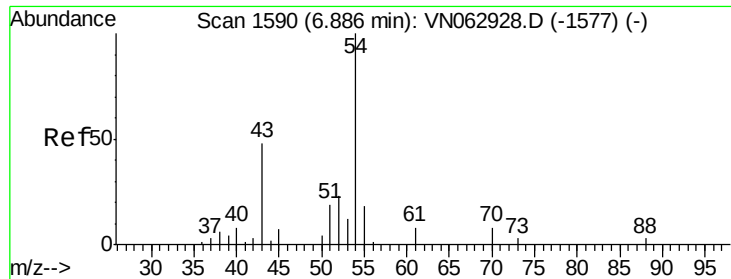
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#42  
 Vinyl Acetate  
 Concen: 73.331 ug/l  
 RT: 5.84 min Scan# 1265  
 Delta R.T. -0.01 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

| Tgt Ion   | 43  | Resp  | 280815 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 43        | 100 |       |        |
| 86        | 4.2 | 7.1   | 10.7#  |





#43

Ethyl Acetate

Concen: 15.599 ug/l

RT: 6.88 min Scan# 1588

Delta R.T. -0.01 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

ClientSampled :

VN0814WBSD01

Tot Ion: 43 Resp: 34715

Ion Ratio Lower Upper

43 100

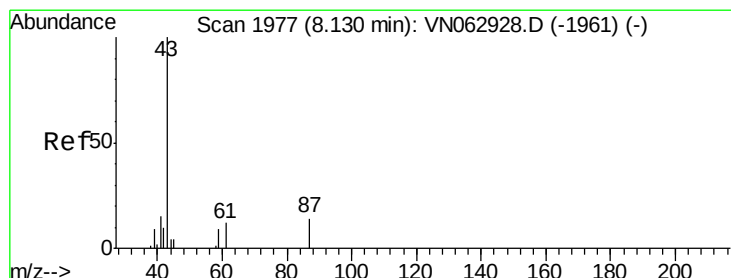
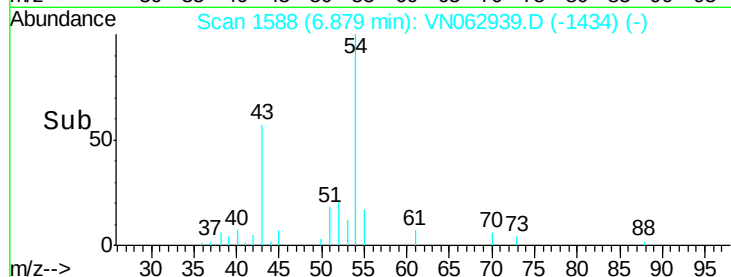
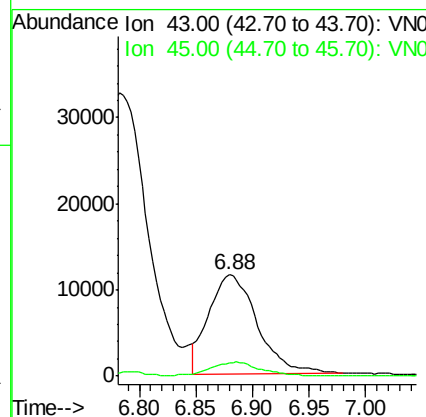
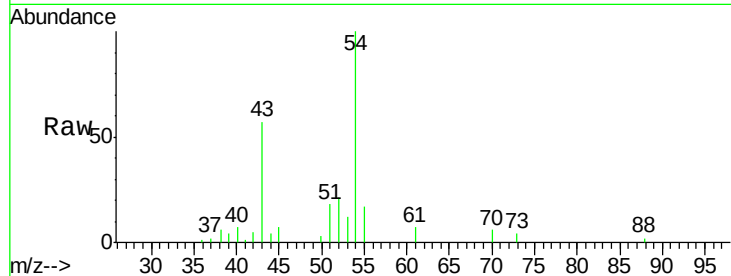
45 14.3 6.6 9.8#

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#44

Isopropyl Acetate

Concen: 15.946 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.01 min

Lab File: VN062939.D

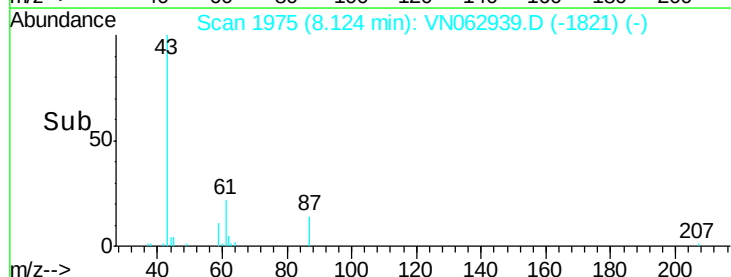
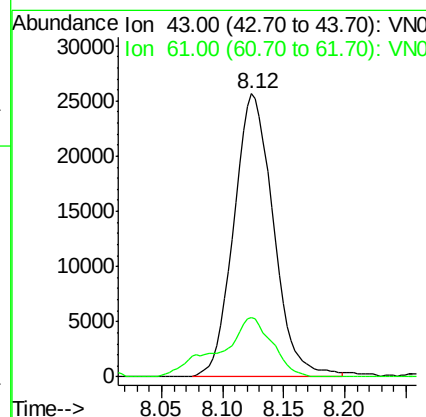
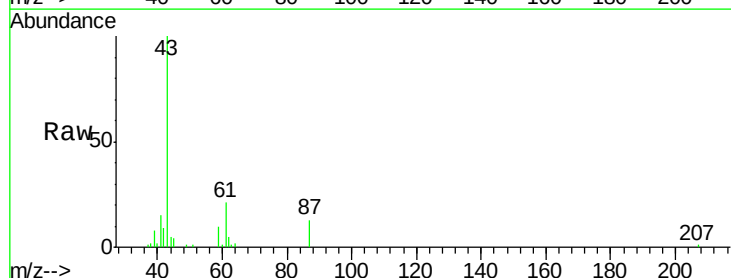
Acq: 14 Aug 2020 16:40

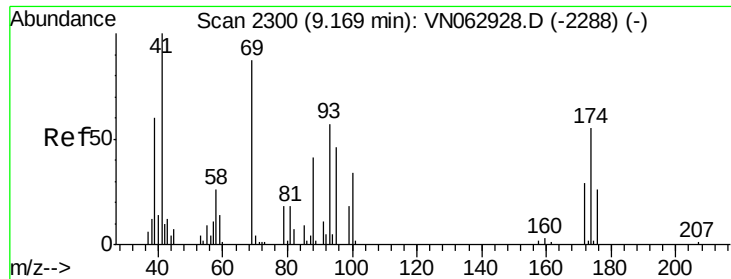
Tgt Ion: 43 Resp: 57949

Ion Ratio Lower Upper

43 100

61 18.6 17.2 25.8





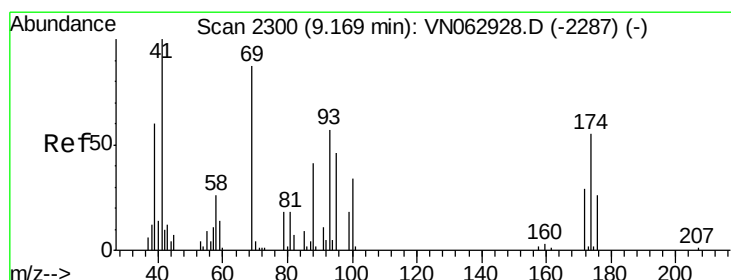
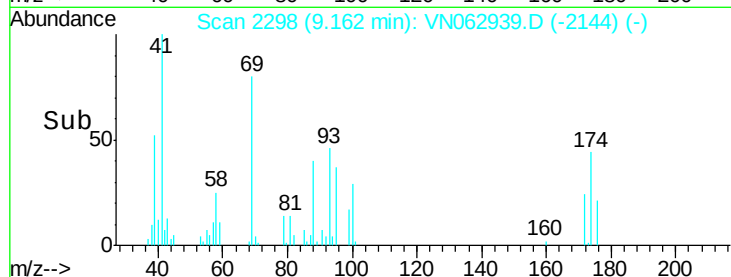
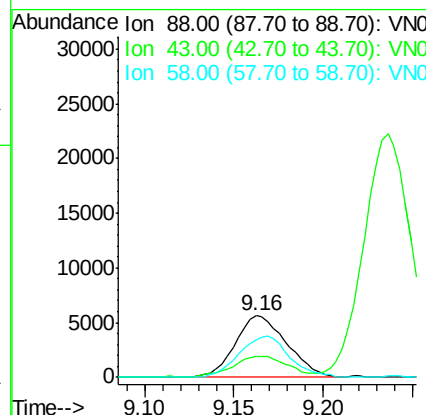
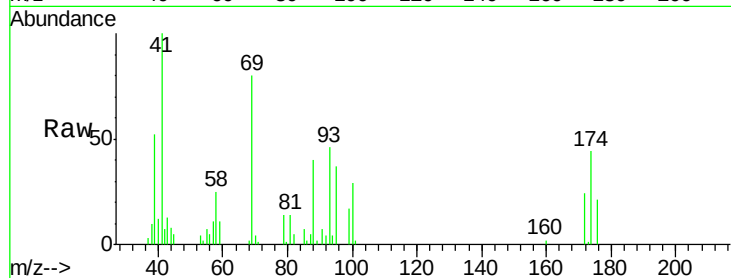
#45  
 1,4-Dioxane  
 Concen: 316.411 ug/l  
 RT: 9.16 min Scan# 2298  
 Delta R.T. -0.01 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 36.4  | 26.0  | 39.0  |
| 58      | 65.6  | 54.2  | 81.2  |

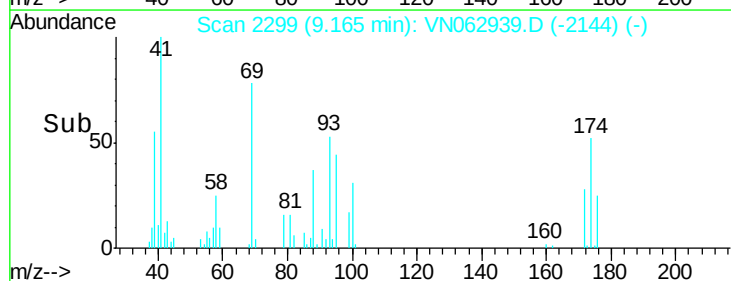
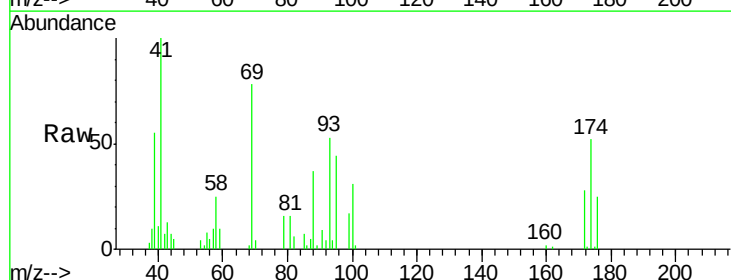
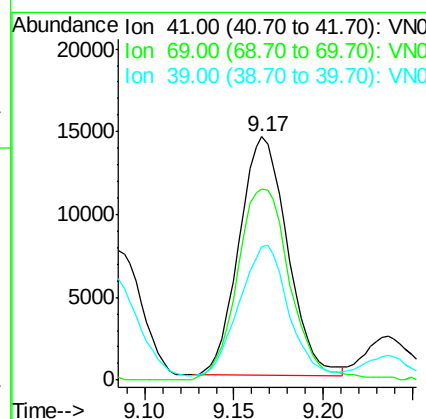
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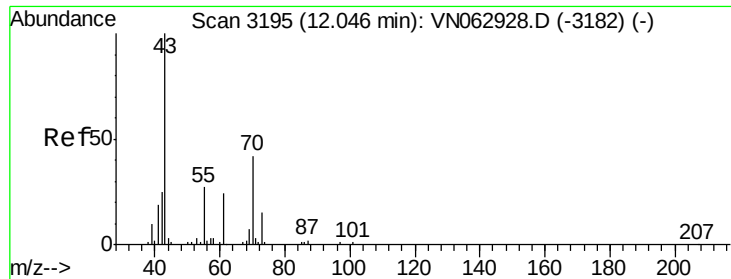
MMDadoda  
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#46  
 Methyl methacrylate  
 Concen: 15.004 ug/l  
 RT: 9.17 min Scan# 2299  
 Delta R.T. -0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 80.0  | 43.6  | 130.9 |
| 39      | 53.9  | 29.9  | 89.8  |





#47

n-amvl Acetate

Concen: 12.402 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0814WBSD01

Tot Ion: 43 Resp: 40208

Ion Ratio Lower Upper

43 100

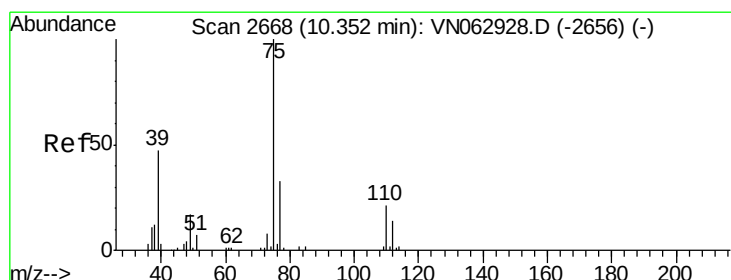
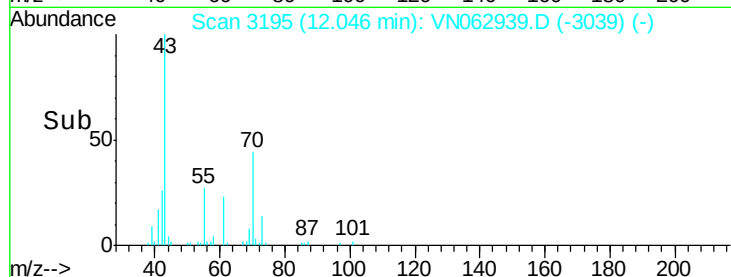
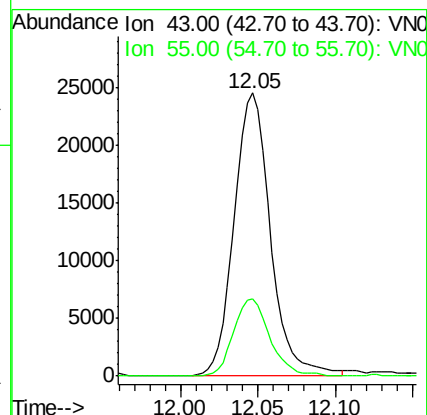
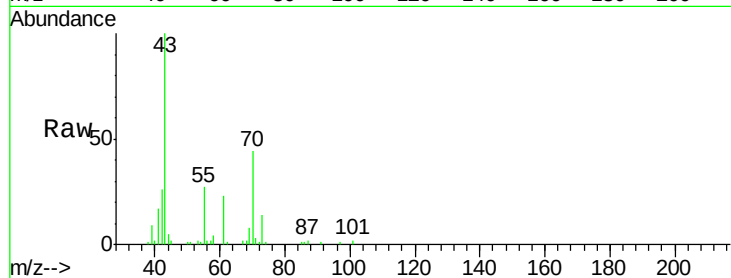
55 27.2 20.8 31.2

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#48

t-1,3-Dichloropropene

Concen: 15.090 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062939.D

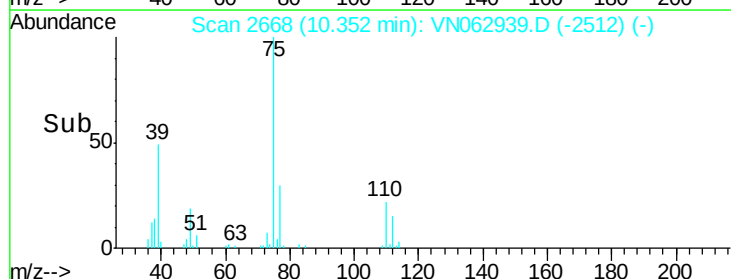
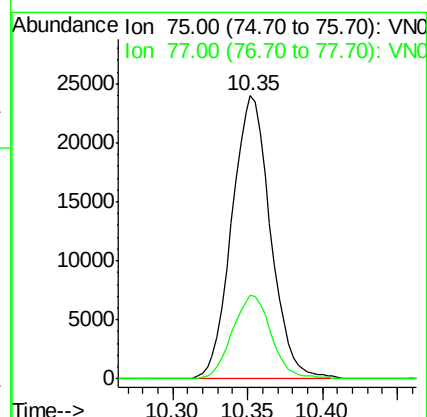
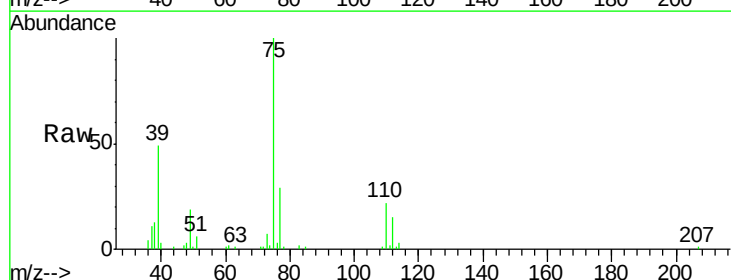
Acq: 14 Aug 2020 16:40

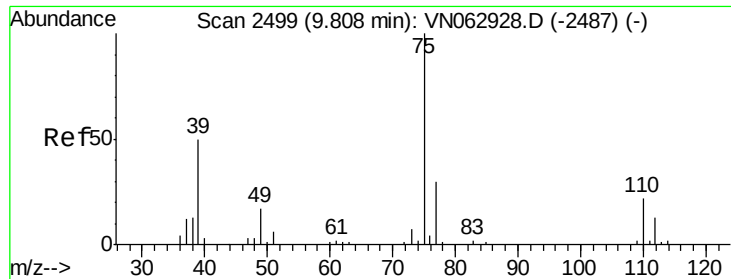
Tgt Ion: 75 Resp: 43156

Ion Ratio Lower Upper

75 100

77 29.4 26.2 39.2





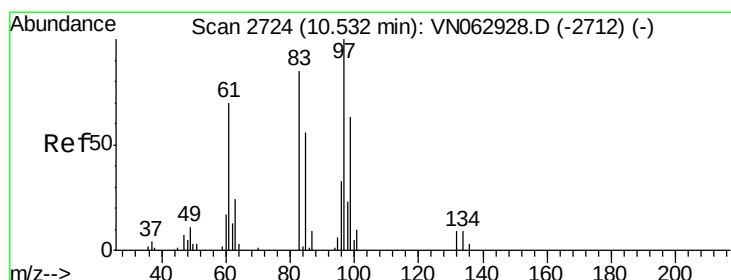
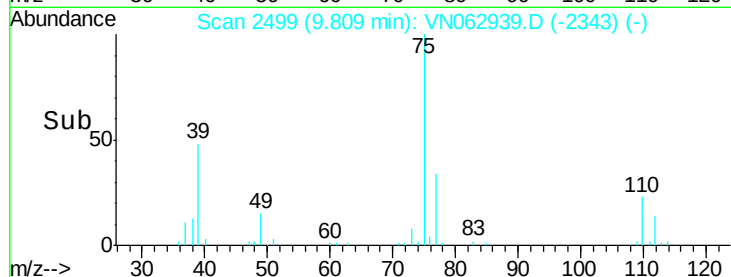
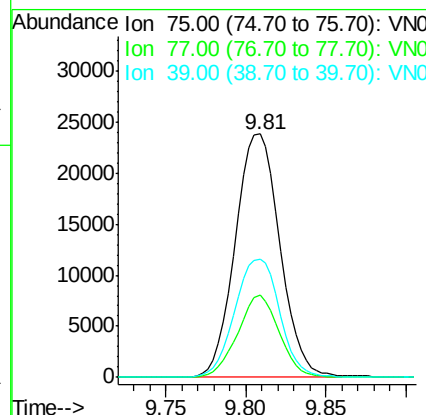
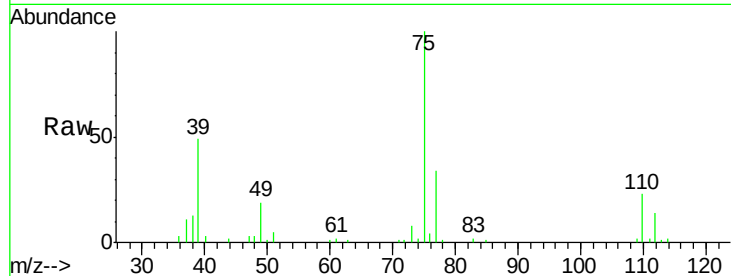
#49  
 cis-1,3-Dichloropropene  
 Concen: 15.836 ug/l  
 RT: 9.81 min Scan# 2499  
 Delta R.T. 0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.6  | 24.4  | 36.6  |
| 39      | 48.7  | 40.2  | 60.4  |

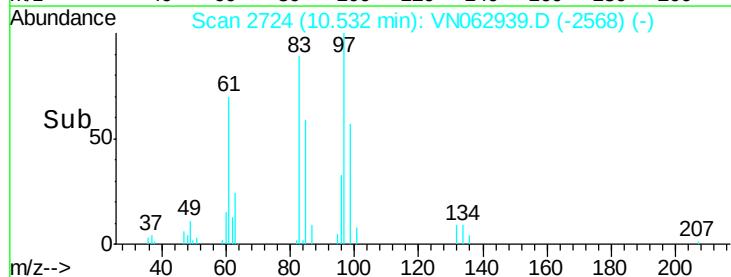
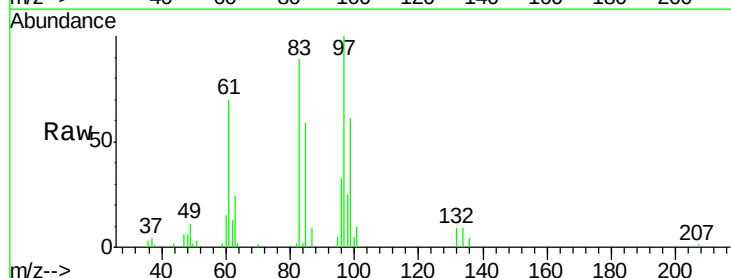
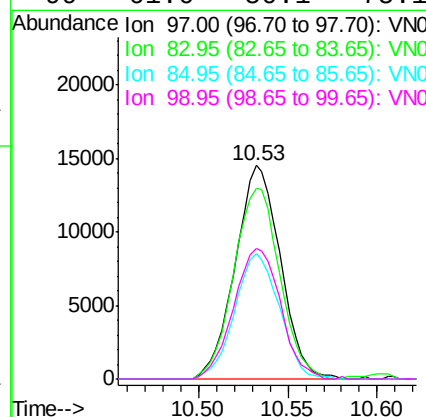
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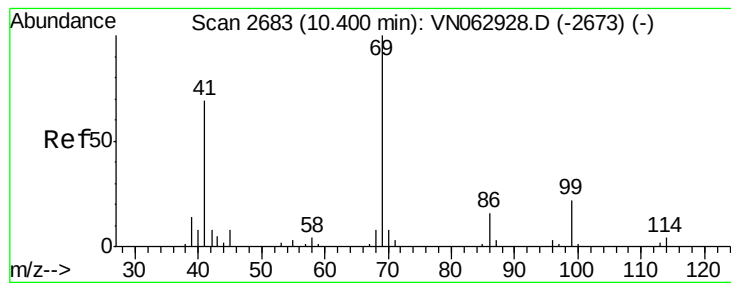
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#50  
 1,1,2-Trichloroethane  
 Concen: 14.619 ug/l  
 RT: 10.53 min Scan# 2724  
 Delta R.T. 0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 89.4  | 67.8  | 101.6 |
| 85      | 58.5  | 44.5  | 66.7  |
| 99      | 61.0  | 50.1  | 75.1  |





#51

Ethyl methacrylate

Concen: 13.625 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

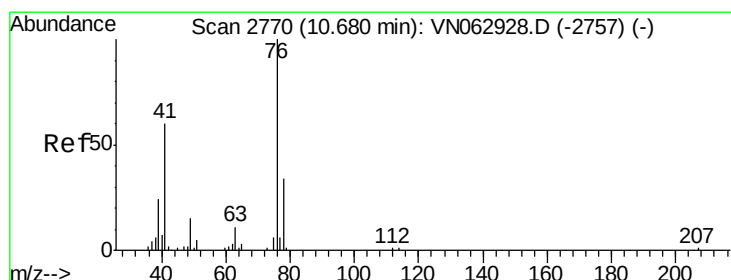
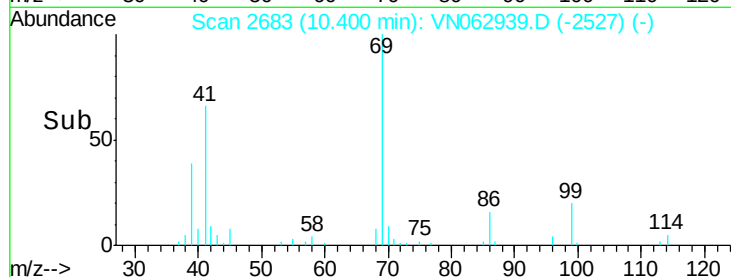
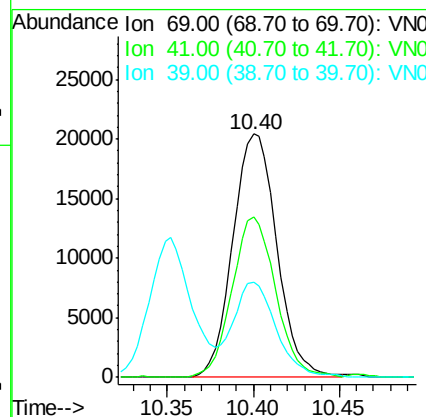
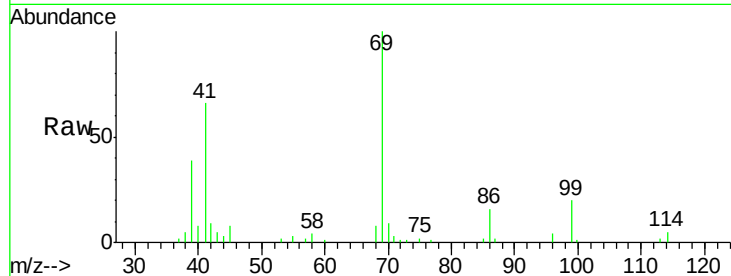
ClientSampleId :

VN0814WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 69    | Resp: | 36363 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 66.0  | 34.8  | 104.3 |
| 39       | 38.4  | 18.6  | 55.8  |

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#52

1,3-Dichloropropane

Concen: 14.400 ug/l

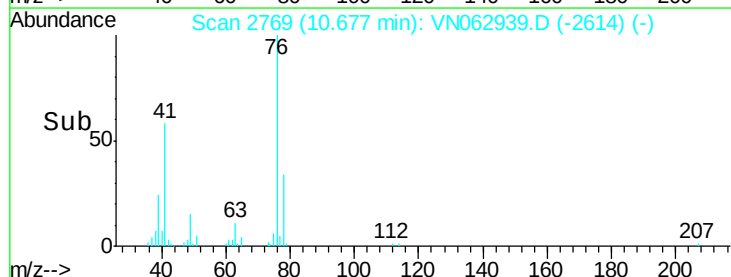
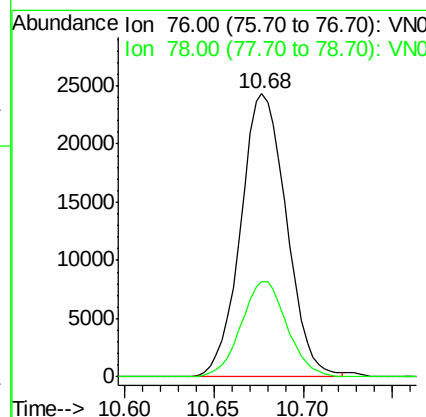
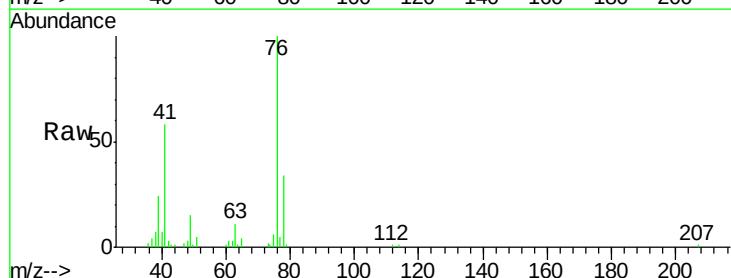
RT: 10.68 min Scan# 2769

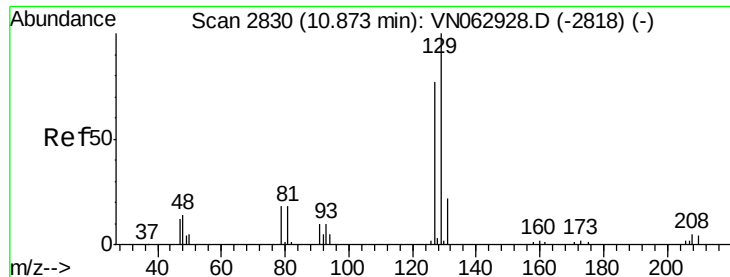
Delta R.T. -0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 43619 |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 33.8  | 0.0   | 66.2  |





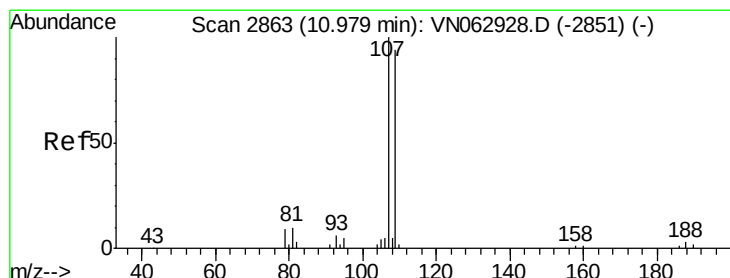
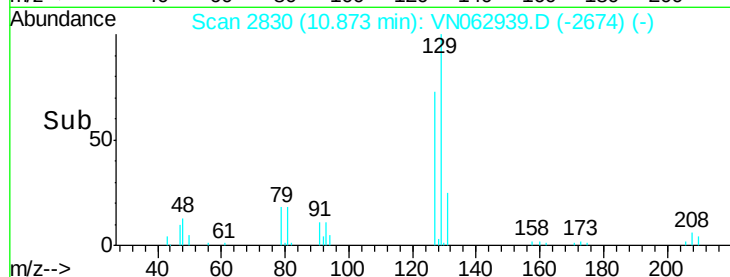
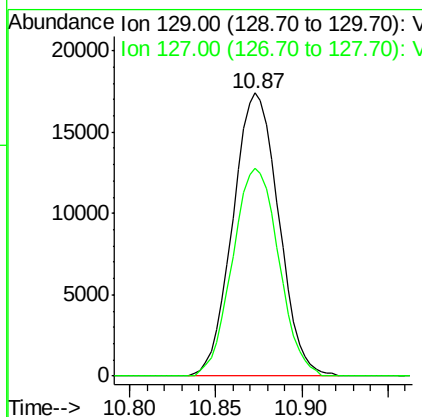
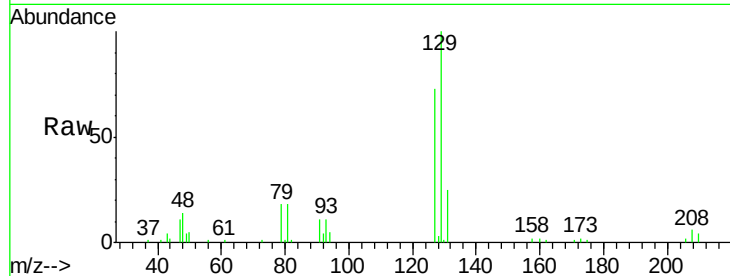
#53  
Dibromochloromethane  
Concen: 15.354 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

Tot Ion:129 Resp: 32177  
Ion Ratio Lower Upper  
129 100  
127 74.2 38.1 114.5

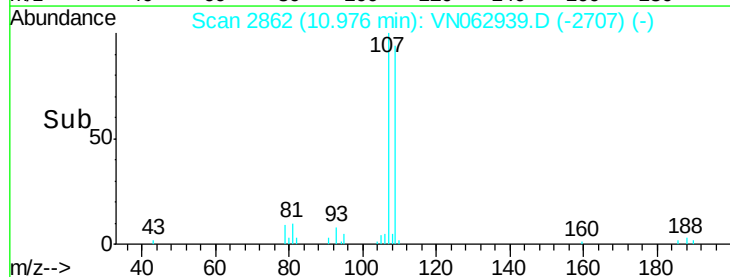
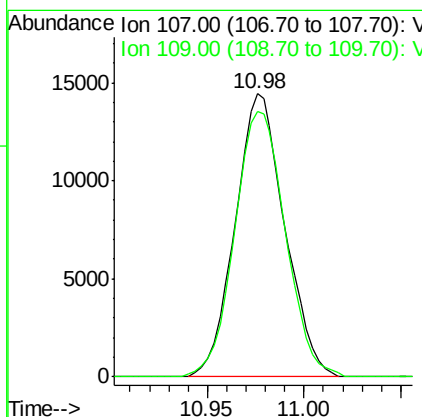
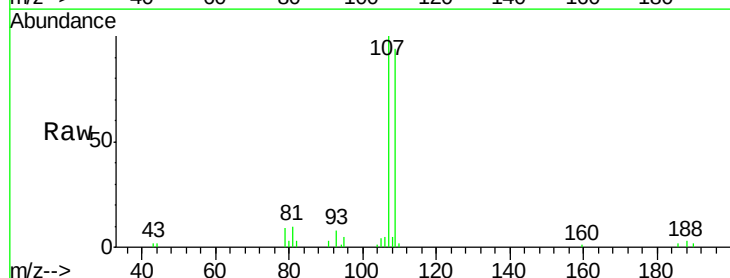
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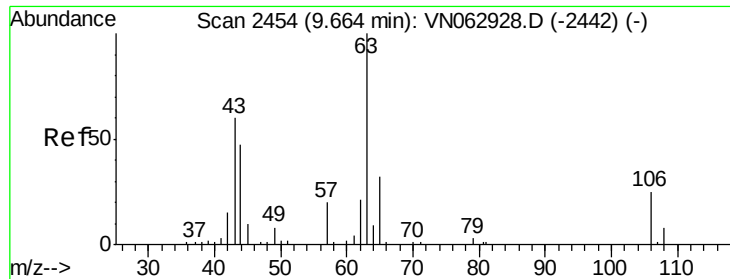
MMDadoda  
8/17/2020 5:45:08 PM



#54  
1,2-Dibromoethane  
Concen: 14.344 ug/l  
RT: 10.98 min Scan# 2862  
Delta R.T. -0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Tgt Ion:107 Resp: 25733  
Ion Ratio Lower Upper  
107 100  
109 96.0 76.9 115.3





#55

2-Chloroethyl vinyl ether

Concen: 92.136 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

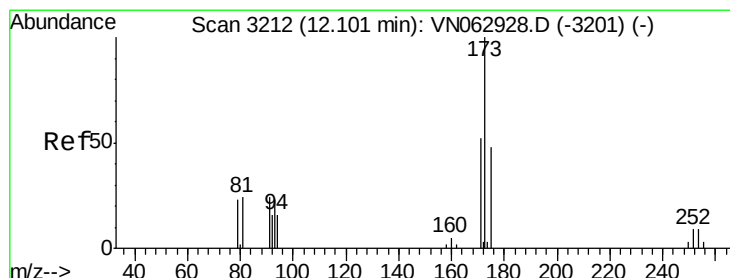
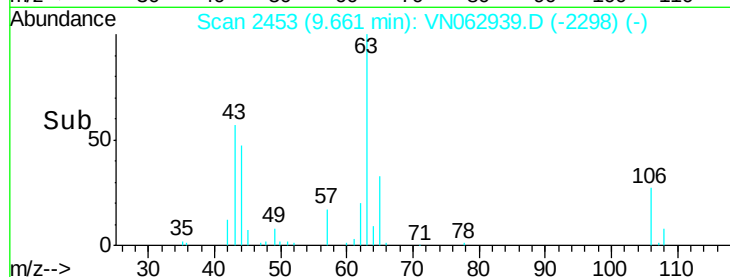
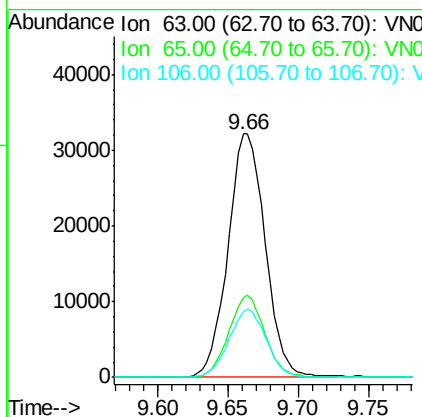
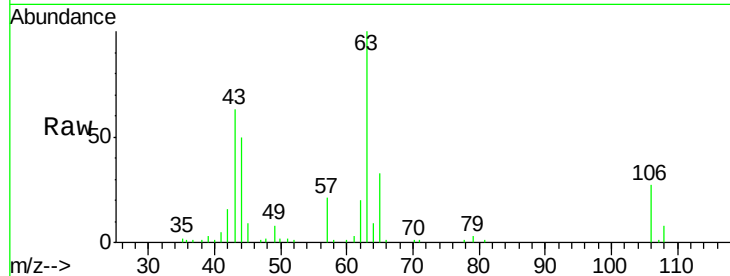
ClientSampleId :

VN0814WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 63    | Resp: | 59506 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 32.5  | 25.8  | 38.8  |
| 106      | 27.8  | 20.4  | 30.6  |

Manual Integrations  
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#56

Bromoform

Concen: 14.602 ug/l

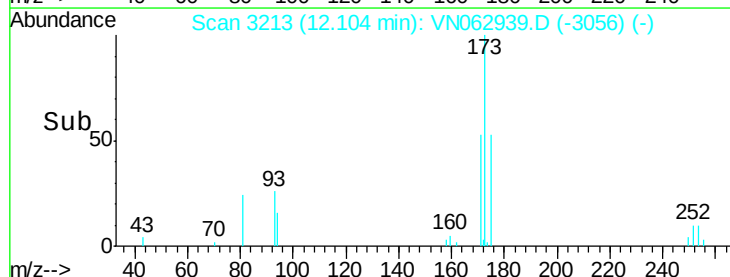
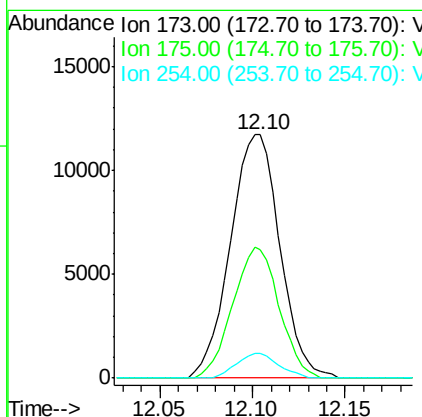
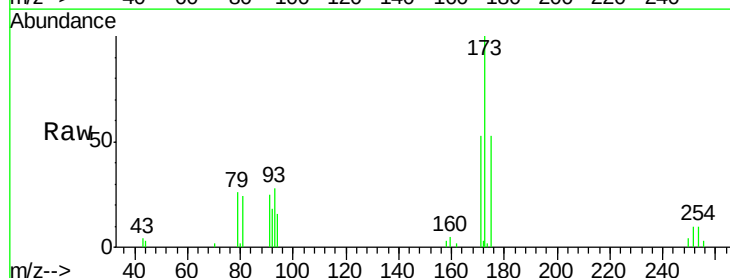
RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

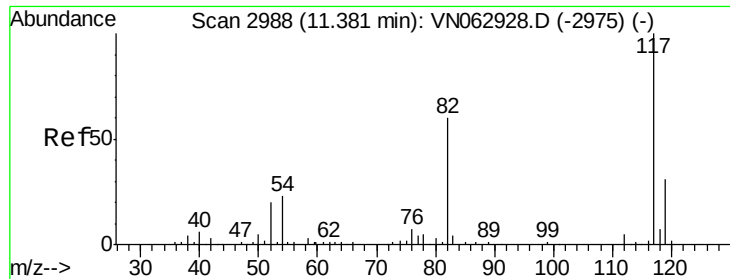
Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 21720 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 50.1  | 37.8  | 56.6  |
| 254      | 8.7   | 6.9   | 10.3  |







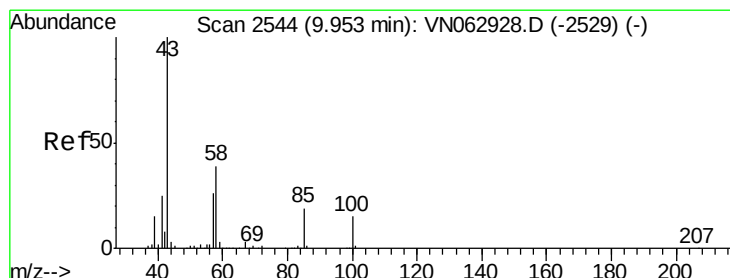
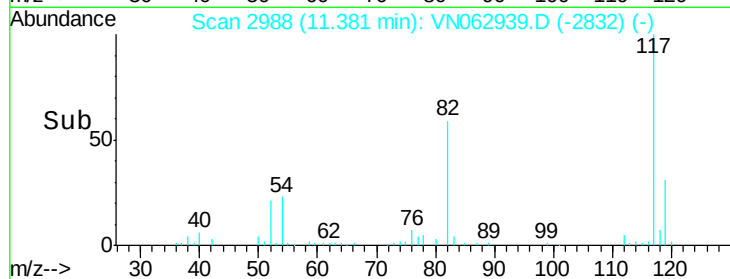
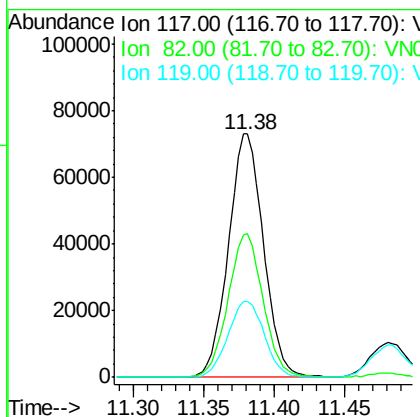
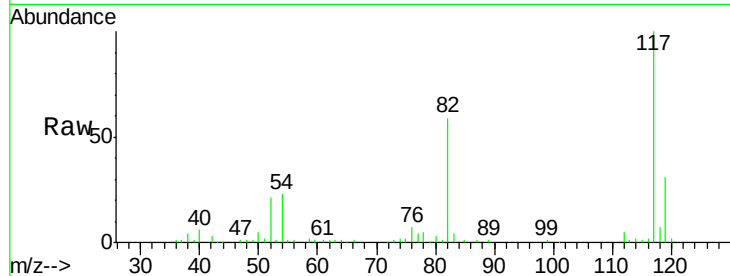
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 58.9  | 47.5  | 71.3  |
| 119     | 32.4  | 26.0  | 39.0  |

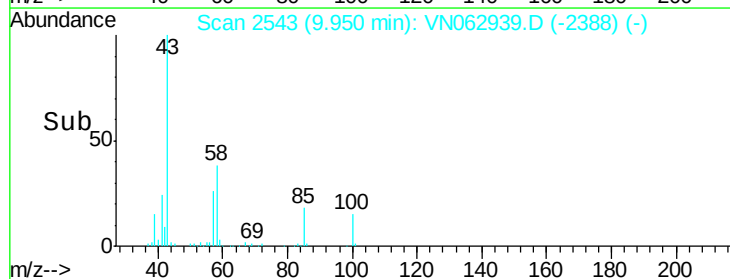
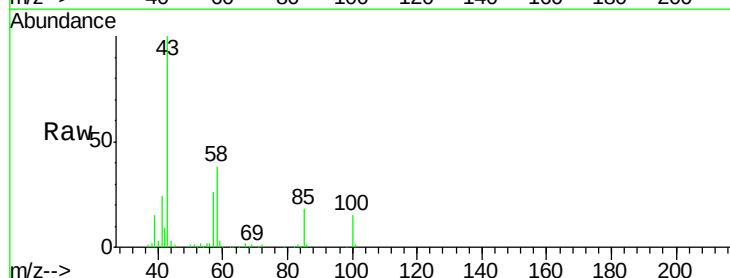
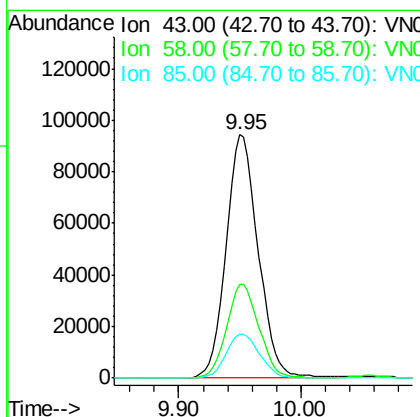
Manual Integrations  
APPROVED

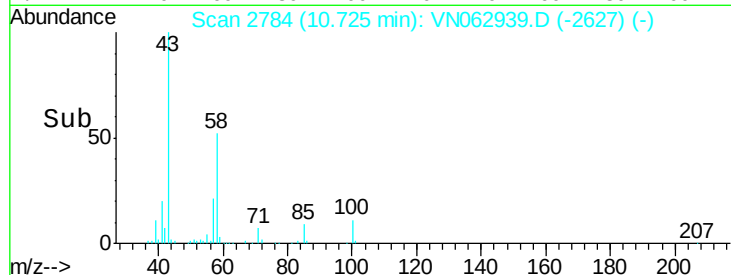
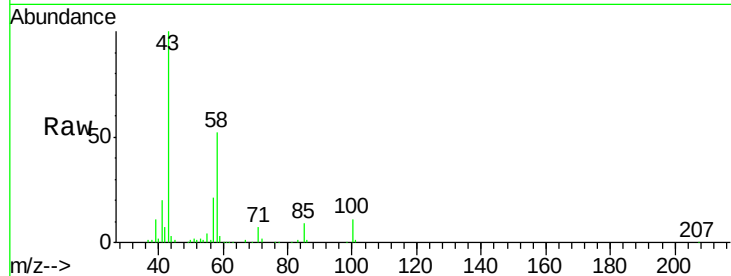
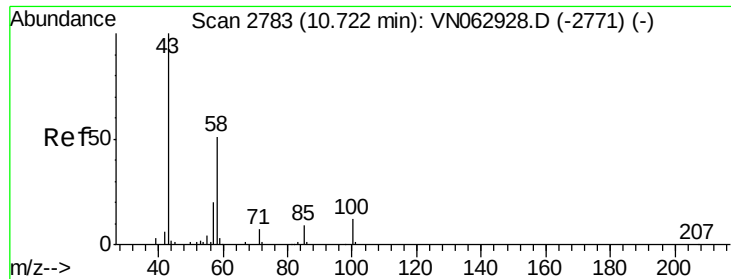
MMDadoda  
8/17/2020 5:45:08 PM



#58  
4-Methyl-2-Pentanone  
Concen: 78.260 ug/l  
RT: 9.95 min Scan# 2543  
Delta R.T. -0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 38.8  | 31.3  | 46.9  |
| 85      | 18.8  | 15.2  | 22.8  |





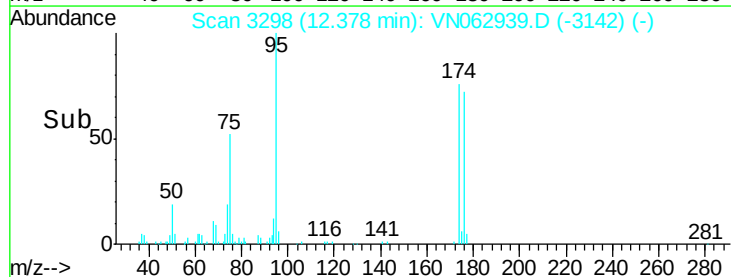
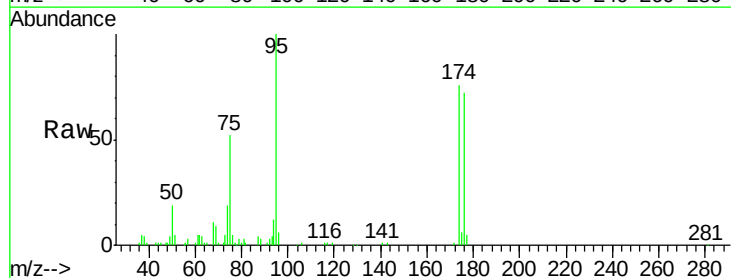
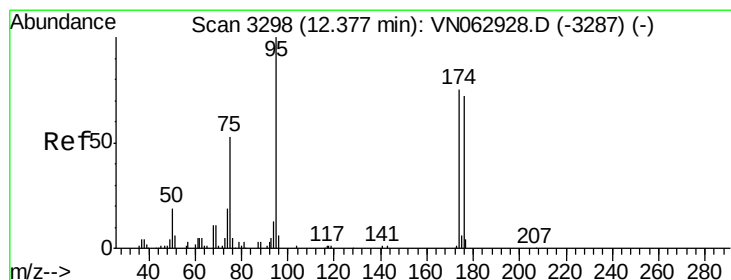
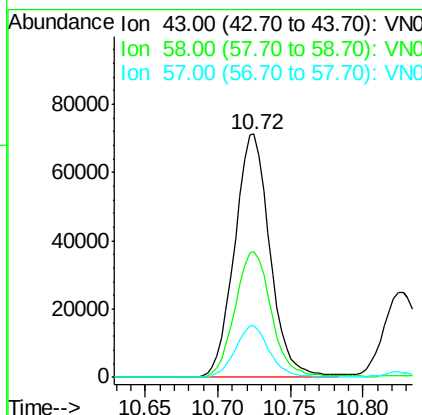
#59  
2-Hexanone  
Concen: 74.508 ug/l  
RT: 10.72 min Scan# 2784  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 43      | 100   |      |       |       |
| 58      | 53.4  |      | 41.8  | 62.6  |
| 57      | 20.5  |      | 16.2  | 24.2  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

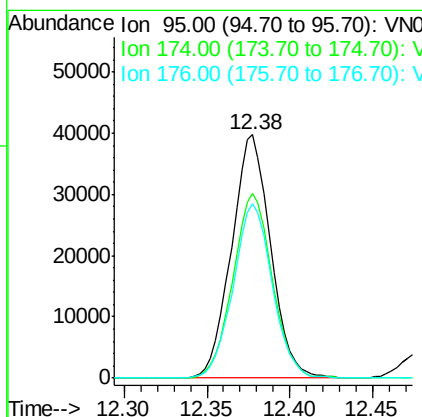
Manual Integrations  
APPROVED

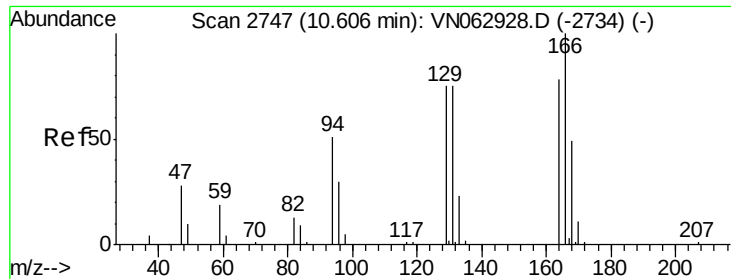
MMDadoda  
8/17/2020 5:45:08 PM



#60  
4-Bromofluorobenzene  
Concen: 29.057 ug/l  
RT: 12.38 min Scan# 3298  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 95      | 100   |      |       |       |
| 174     | 75.9  |      | 60.9  | 91.3  |
| 176     | 71.5  |      | 57.8  | 86.8  |





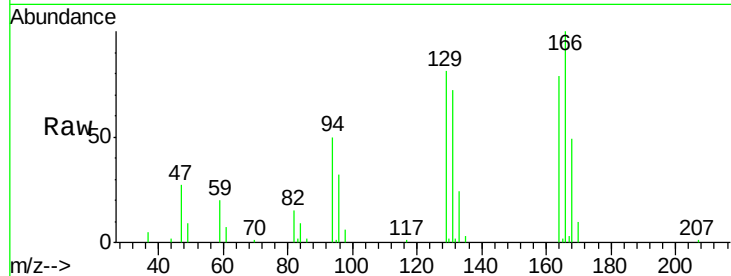
#61  
Tetrachloroethene  
Concen: 16.861 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. -0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.2 | 101.9 | 152.9 |
| 129     | 101.7 | 76.4  | 114.6 |
| 131     | 90.6  | 76.5  | 114.7 |

Manual Integrations  
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8/17/2020 5:45:08 PM

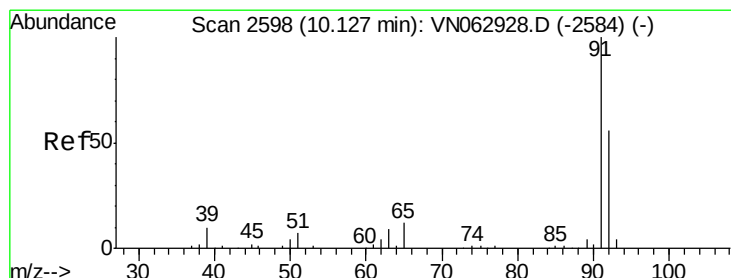
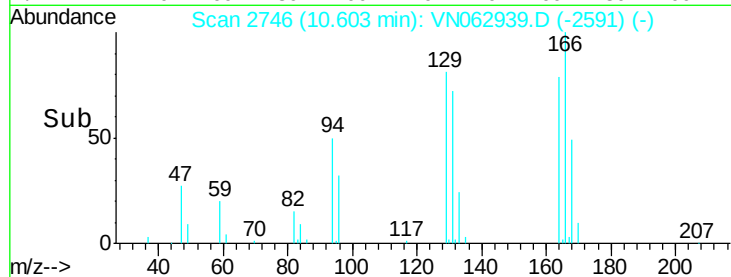
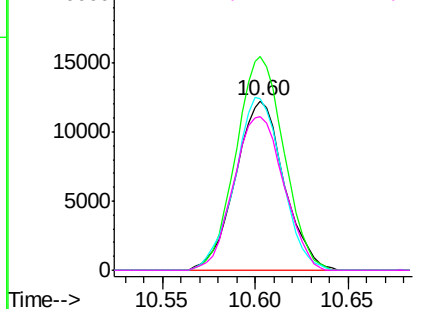


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

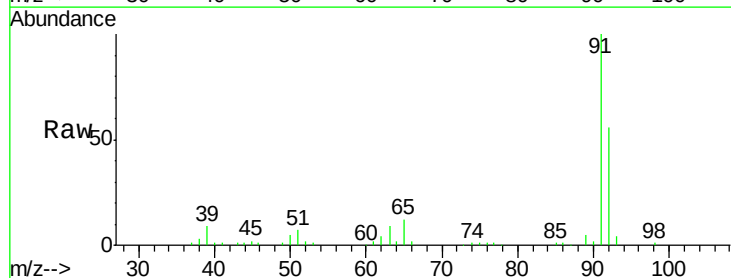
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



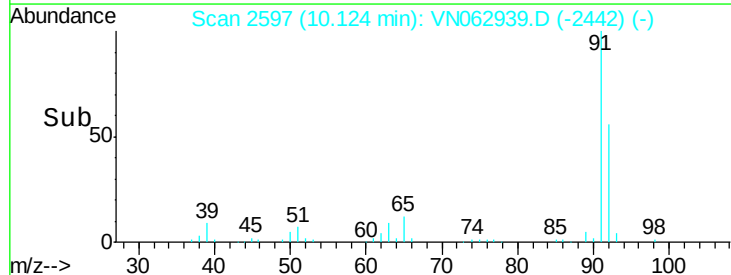
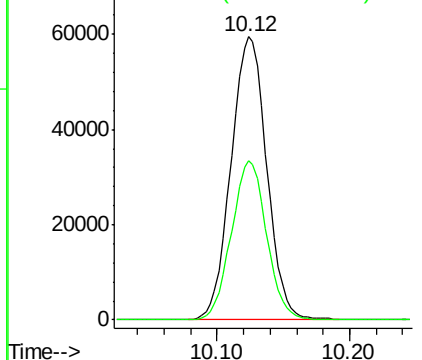
#62  
Toluene  
Concen: 16.526 ug/l  
RT: 10.12 min Scan# 2597  
Delta R.T. -0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

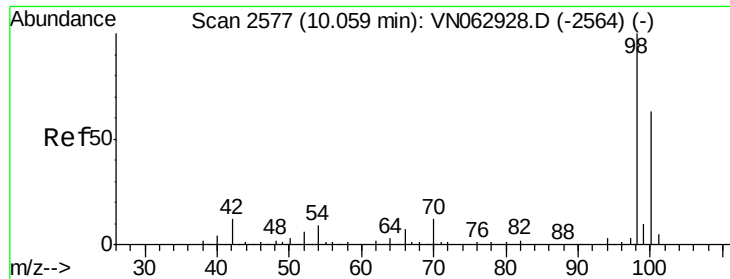
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.3  | 45.2  | 67.8  |



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





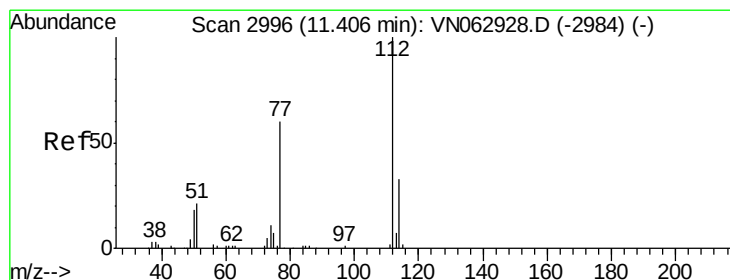
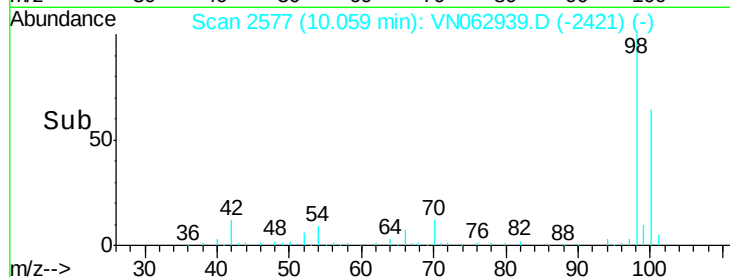
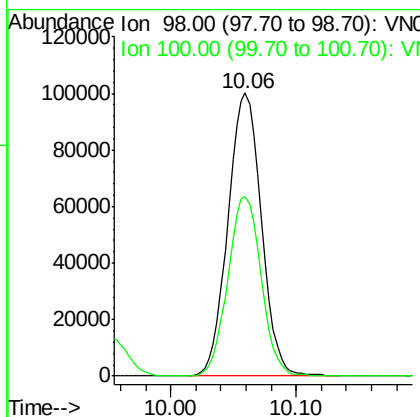
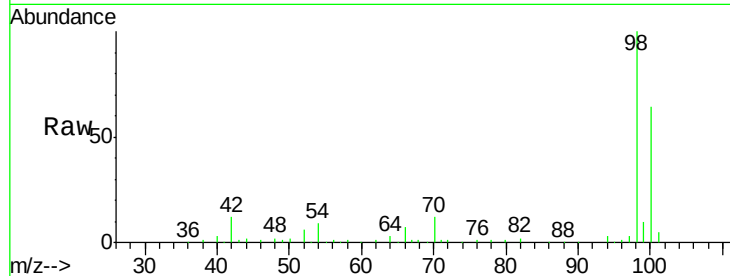
#63  
Toluene-d8  
Concen: 31.184 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

Tot Ion: 98 Resp: 185694  
Ion Ratio Lower Upper  
98 100  
100 63.1 51.0 76.6

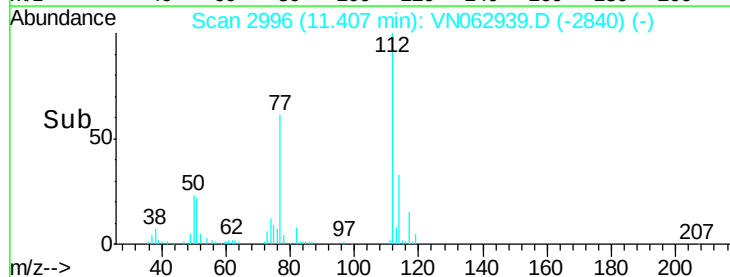
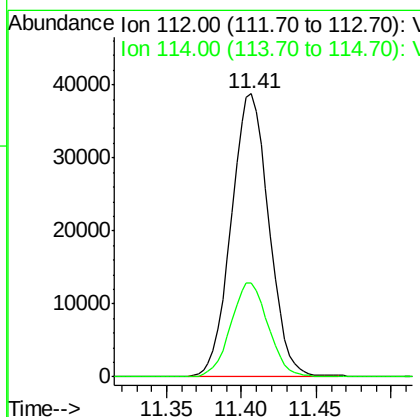
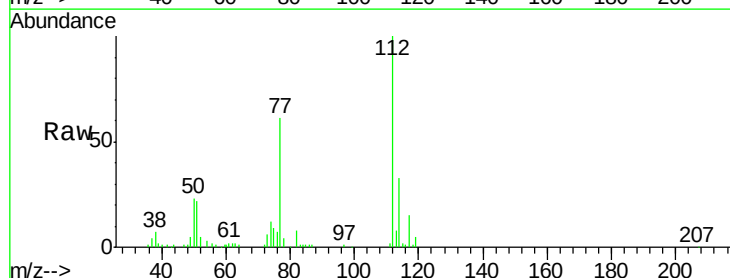
Manual Integrations  
APPROVED

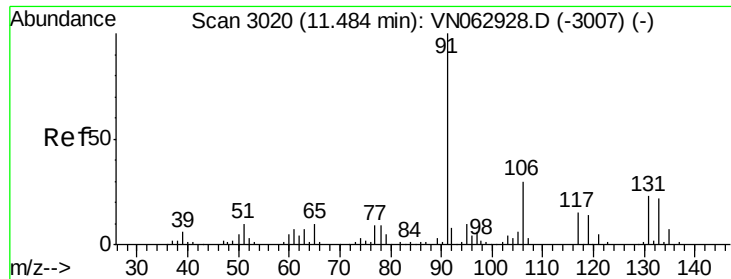
MMDadoda  
8/17/2020 5:45:08 PM



#64  
Chlorobenzene  
Concen: 16.159 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Tgt Ion: 112 Resp: 68064  
Ion Ratio Lower Upper  
112 100  
114 33.2 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 16.382 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

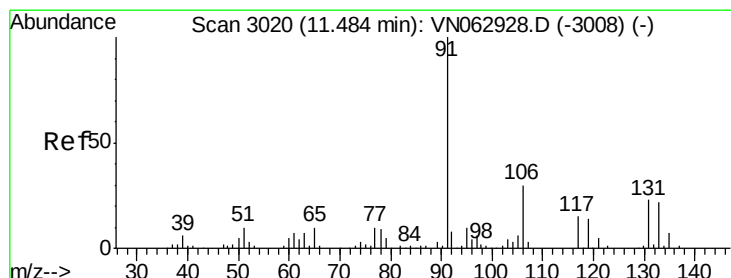
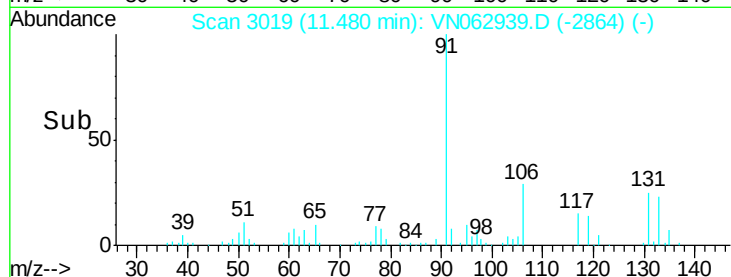
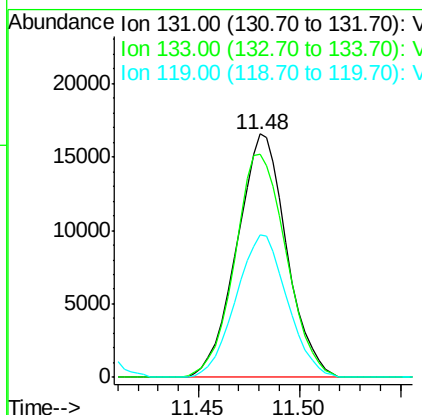
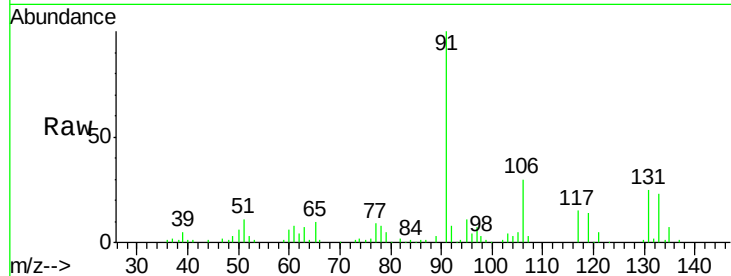
ClientSampled :

VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 94.9  | 0.0   | 192.6 |
| 119     | 60.4  | 0.0   | 125.4 |

Manual Integrations  
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8/17/2020 5:45:08 PM



#66

Ethyl Benzene

Concen: 15.904 ug/l

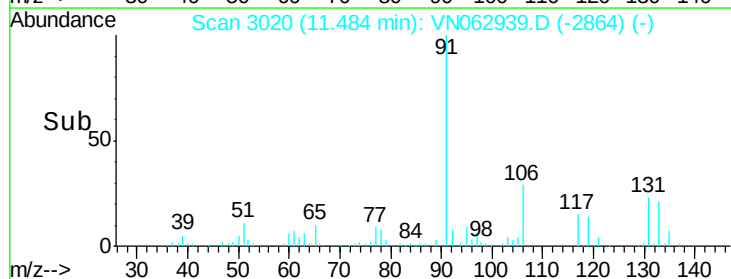
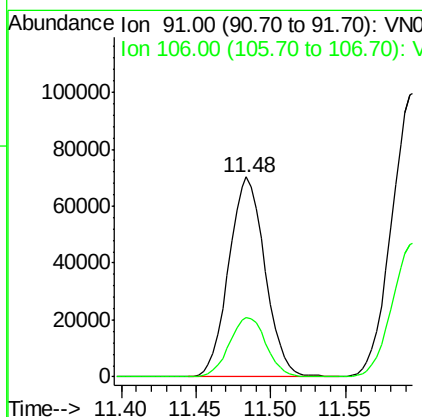
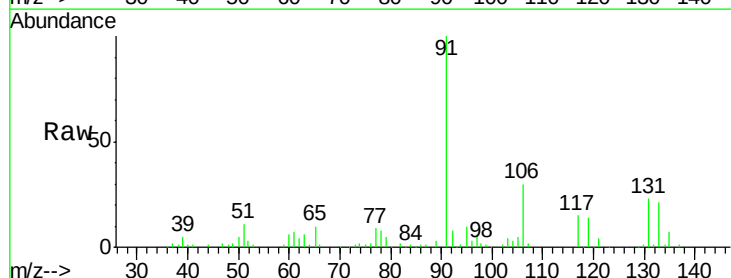
RT: 11.48 min Scan# 3020

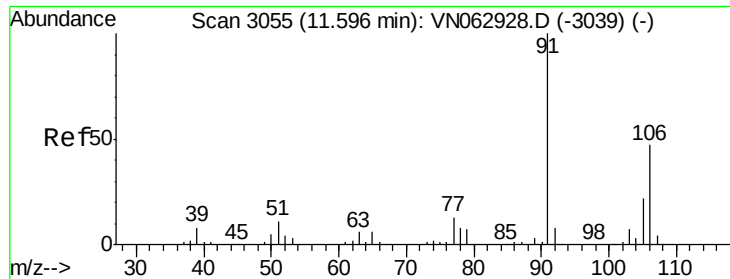
Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 29.9  | 24.0  | 36.0  |





#67

m/p-Xylenes

Concen: 32.648 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0814WBSD01

Tot Ion:106 Resp: 90340

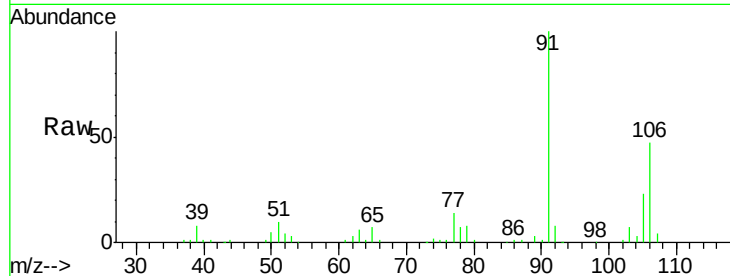
Ion Ratio Lower Upper

106 100

91 213.2 171.0 256.6

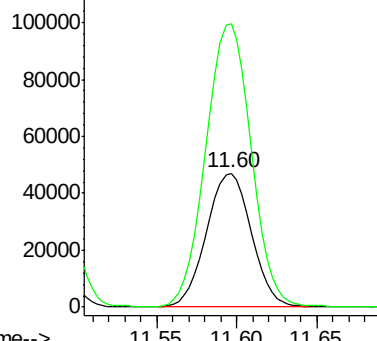
Manual Integrations  
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MMDadoda  
8/17/2020 5:45:08 PM

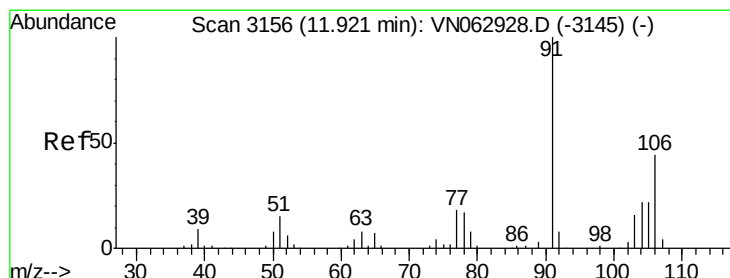
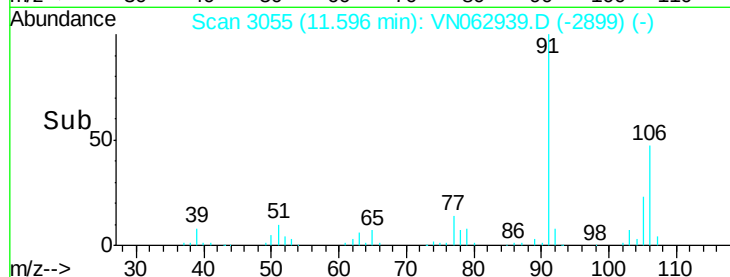


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



Time-->



#68

o-Xylene

Concen: 15.857 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN062939.D

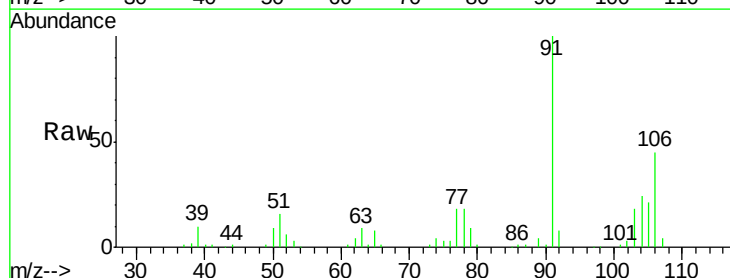
Acq: 14 Aug 2020 16:40

Tgt Ion:106 Resp: 42122

Ion Ratio Lower Upper

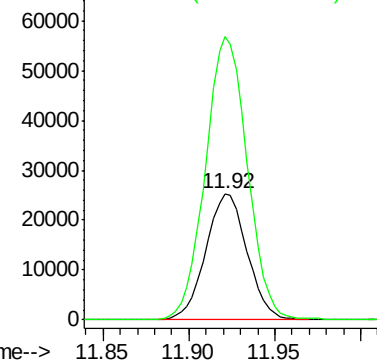
106 100

91 227.6 115.4 346.2

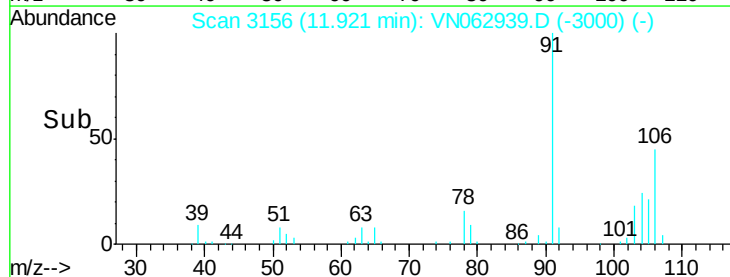


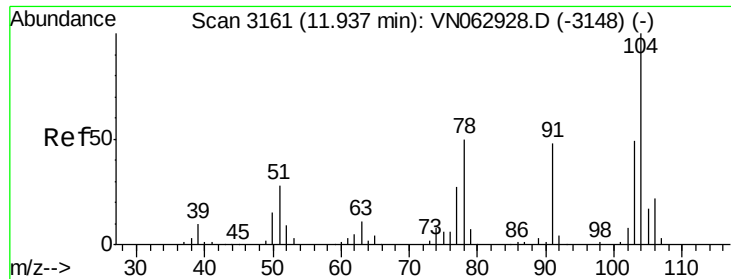
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



Time-->





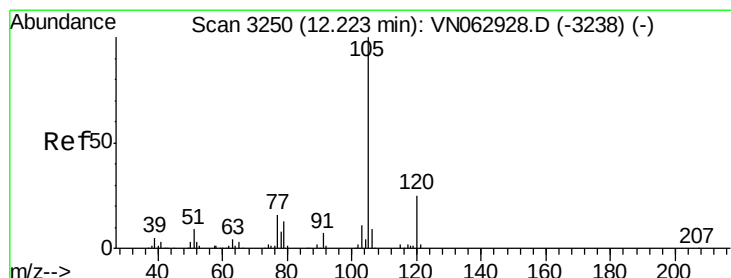
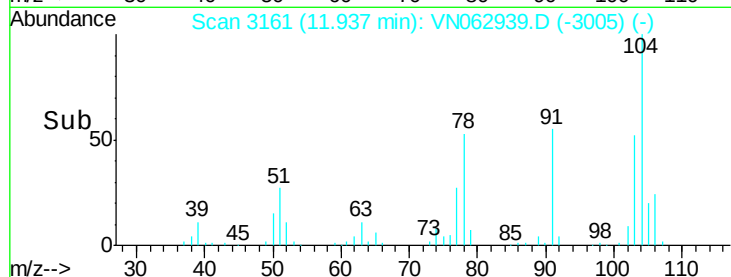
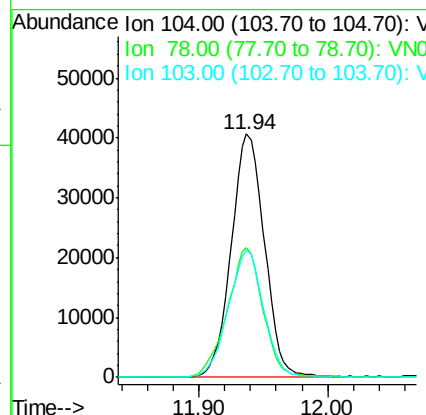
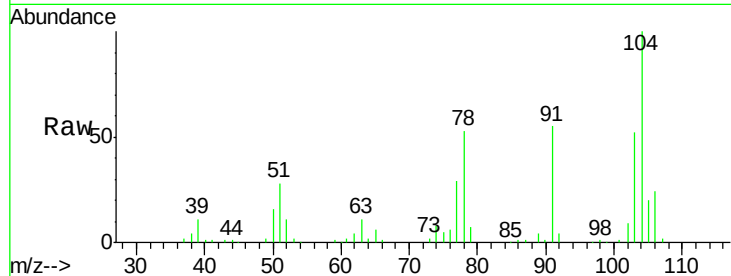
#69  
Stvrene  
Concen: 15.459 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 56.4  | 44.4  | 66.6  |
| 103     | 55.5  | 44.0  | 66.0  |

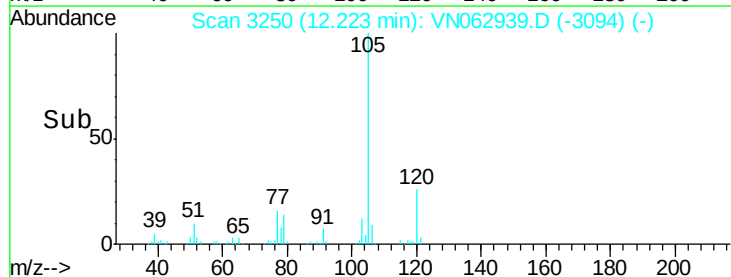
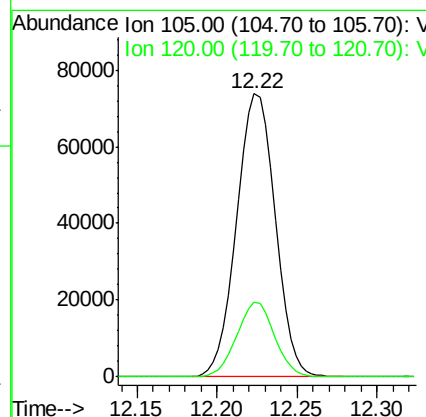
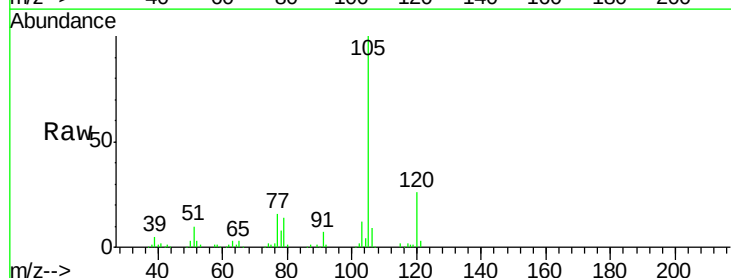
Manual Integrations  
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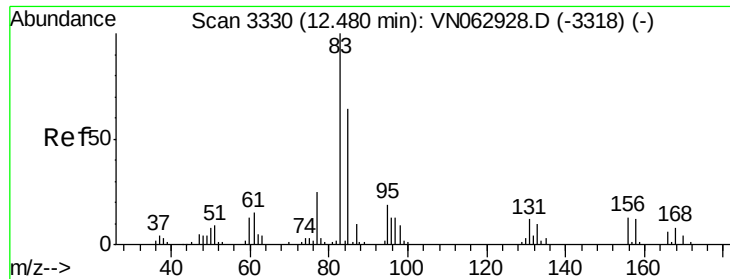
MMDadoda  
8/17/2020 5:45:08 PM



#70  
Isopropylbenzene  
Concen: 16.064 ug/l  
RT: 12.22 min Scan# 3250  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.7  | 18.0  | 33.4  |





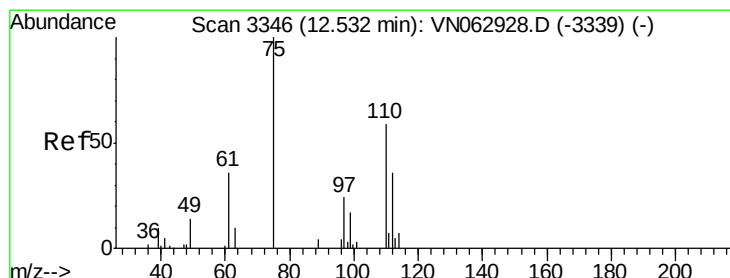
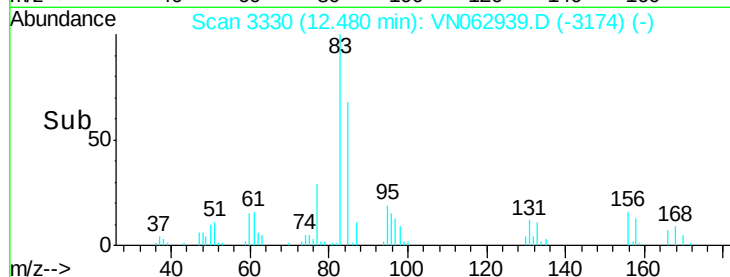
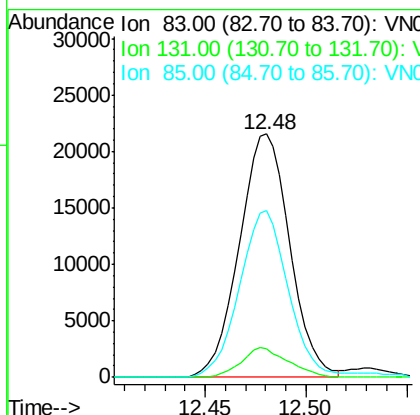
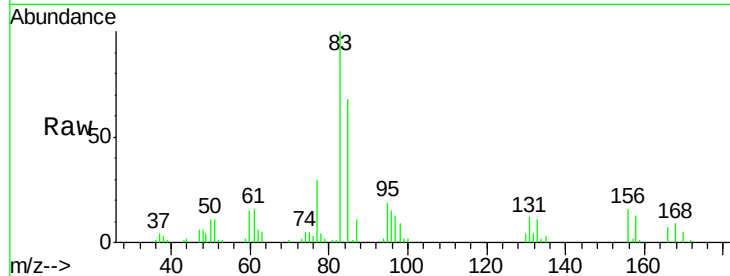
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 15.182 ug/l  
 RT: 12.48 min Scan# 3330  
 Delta R.T. 0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0814WBSD01

| Tot Ion   | 83   | Resp  | 37775 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 131       | 11.2 | 5.5   | 16.4  |
| 85        | 65.8 | 31.7  | 95.1  |

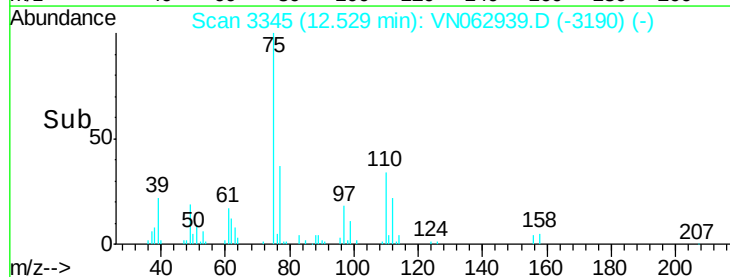
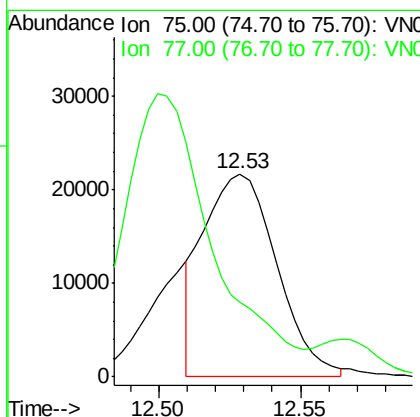
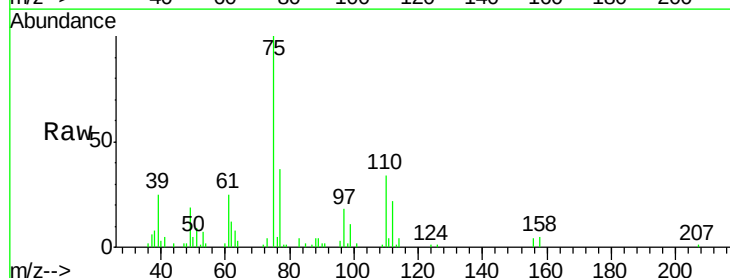
Manual Integrations  
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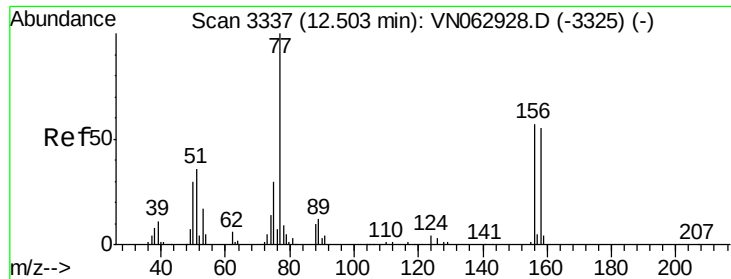


#72  
 1,2,3-Trichloropropane  
 Concen: 15.820 ug/l m  
 RT: 12.53 min Scan# 3345  
 Delta R.T. -0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

| Tgt Ion   | 75    | Resp  | 38982 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 75        | 100   |       |       |
| 77        | 169.2 | 0.0   | 313.0 |







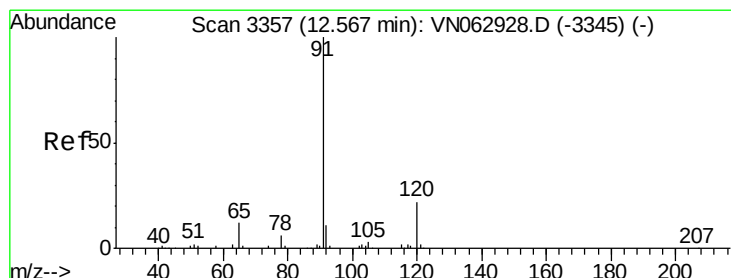
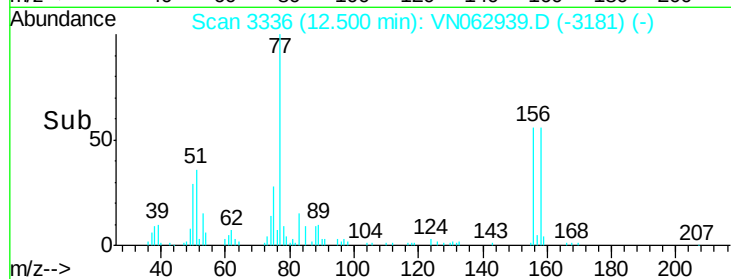
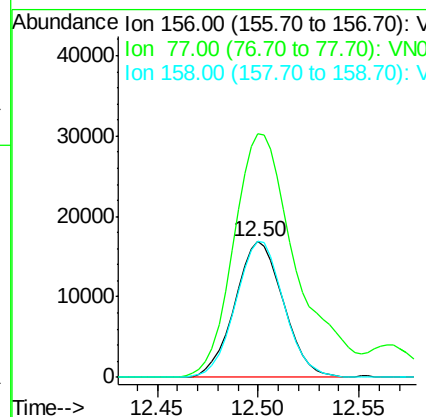
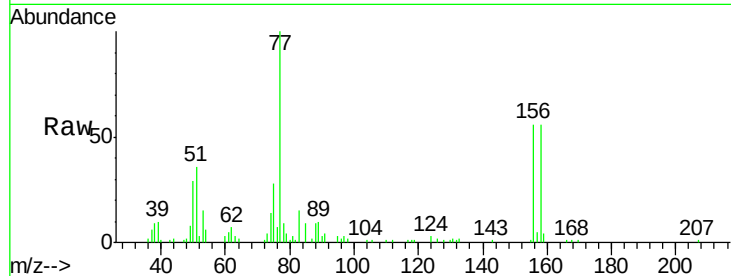
#73  
Bromobenzene  
Concen: 15.363 ug/l  
RT: 12.50 min Scan# 3336  
Delta R.T. -0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 231.6 | 0.0   | 448.4 |
| 158     | 99.2  | 0.0   | 195.0 |

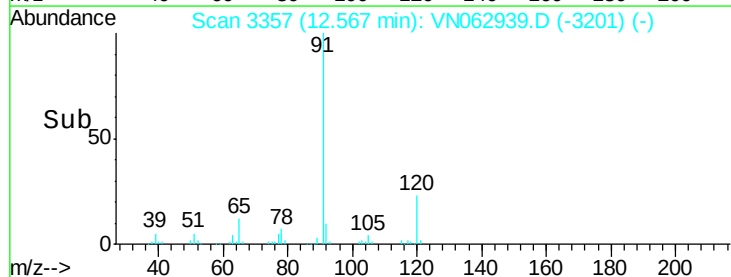
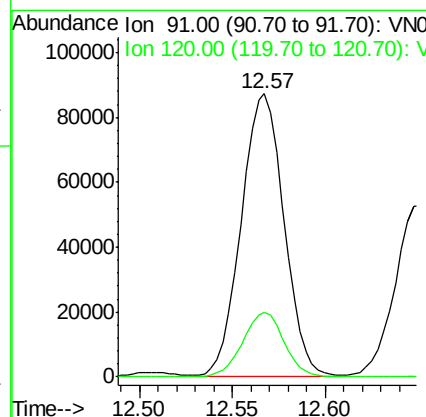
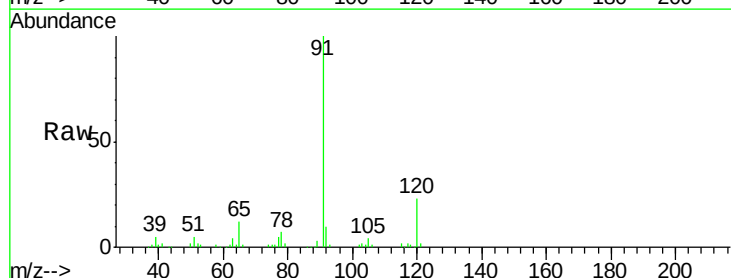
Manual Integrations  
APPROVED

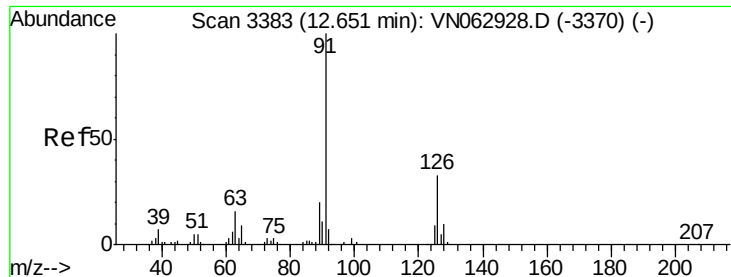
MMDadoda  
8/17/2020 5:45:08 PM



#74  
n-propylbenzene  
Concen: 16.011 ug/l  
RT: 12.57 min Scan# 3357  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.0  | 0.0   | 43.4  |





#75

2-Chlorotoluene

Concen: 15.790 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0814WBSD01

Tot Ion: 91 Resp: 86470

Ion Ratio Lower Upper

91 100

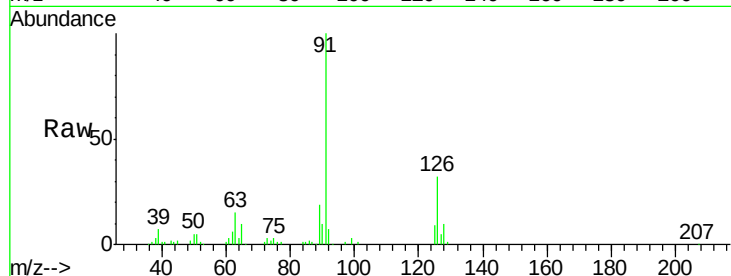
126 31.3 0.0 63.0

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Abundance Ion 91.00 (90.70 to 91.70): VN062939.D (-3227) (-)

Ion 126.00 (125.70 to 126.70): VN062939.D (-3227) (-)

80000

60000

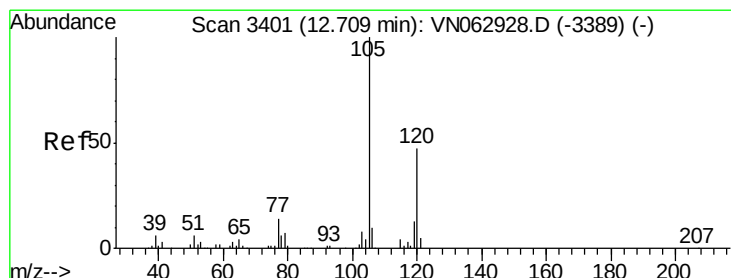
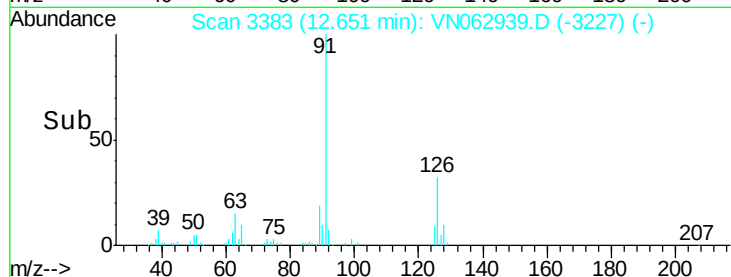
40000

20000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 15.735 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062939.D

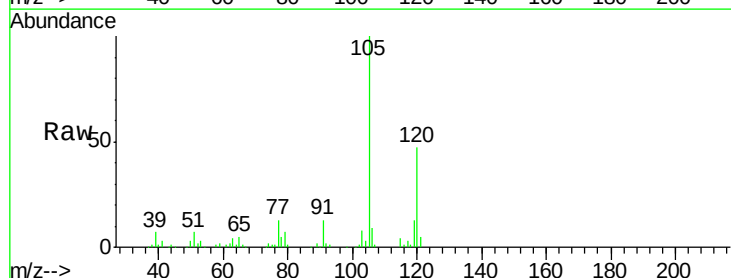
Acq: 14 Aug 2020 16:40

Tgt Ion: 105 Resp: 105755

Ion Ratio Lower Upper

105 100

120 46.9 0.0 92.4



Abundance Ion 105.00 (104.70 to 105.70): VN062939.D (-3245) (-)

Ion 120.00 (119.70 to 120.70): VN062939.D (-3245) (-)

80000

60000

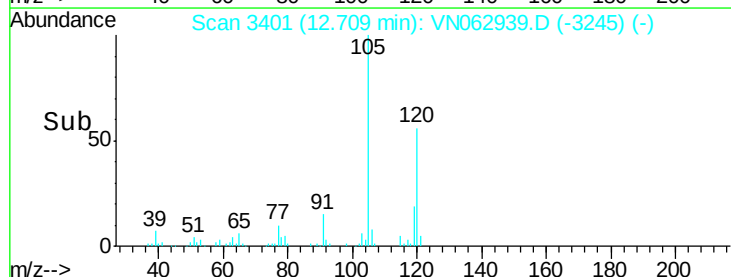
40000

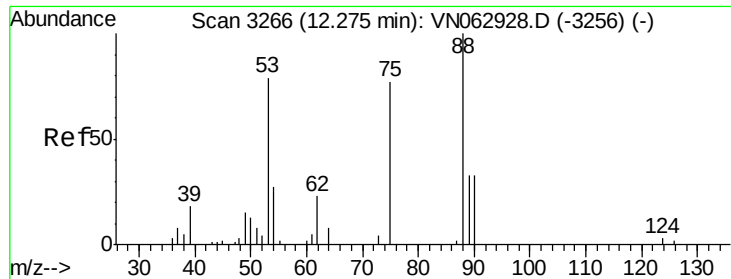
20000

0

12.65 12.70 12.75

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 15.208 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

Instrument :

MSVOA\_N

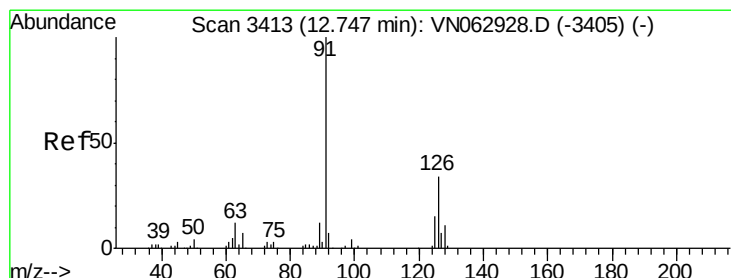
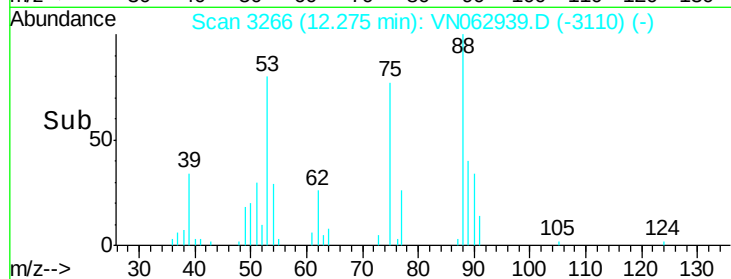
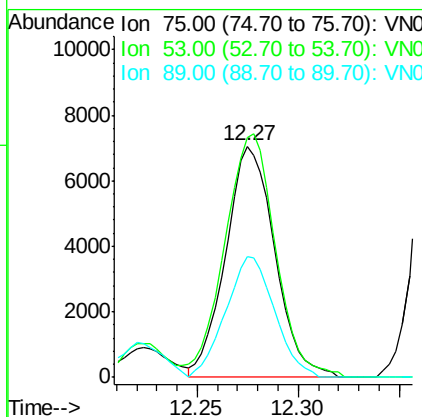
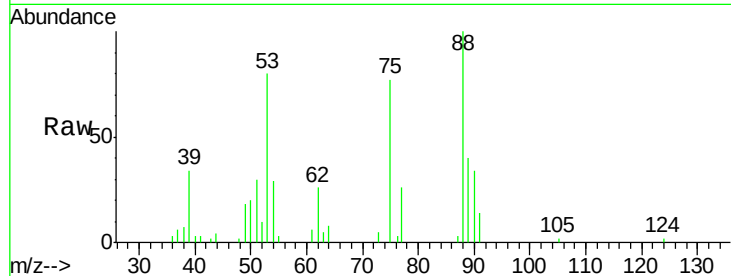
ClientSampleId :

VN0814WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 12067 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 101.3 | 52.3  | 157.1 |
| 89        | 52.2  | 23.4  | 70.3  |

Manual Integrations  
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#78

4-Chlorotoluene

Concen: 15.803 ug/l

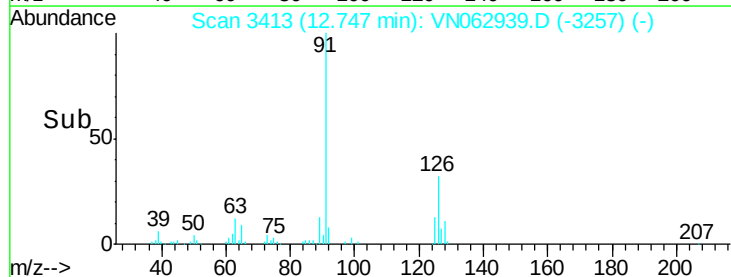
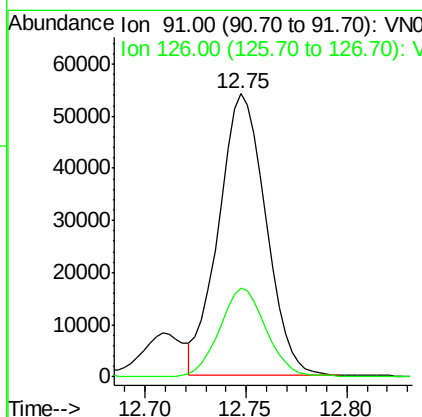
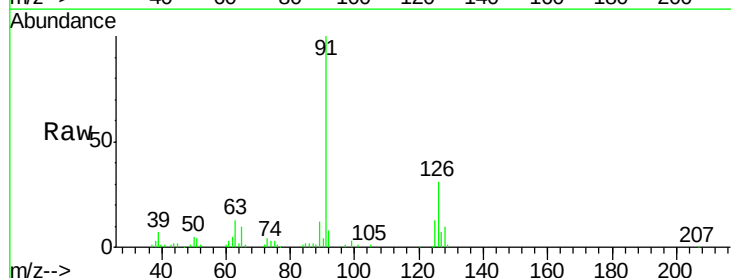
RT: 12.75 min Scan# 3413

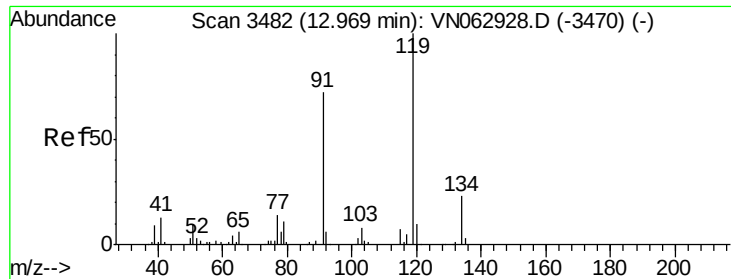
Delta R.T. 0.00 min

Lab File: VN062939.D

Acq: 14 Aug 2020 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 88024 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 126       | 31.2  | 0.0   | 63.0  |





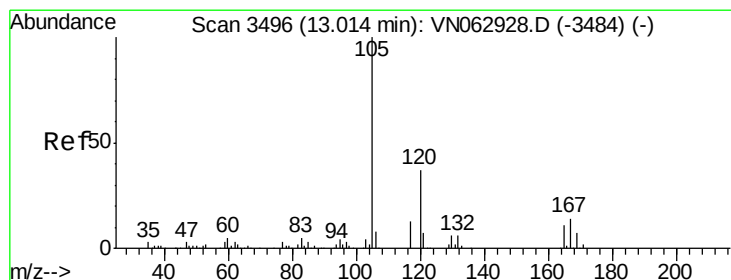
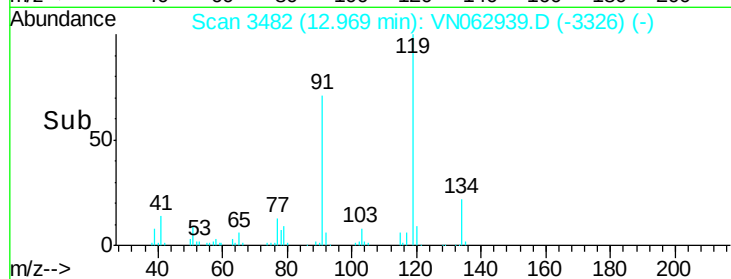
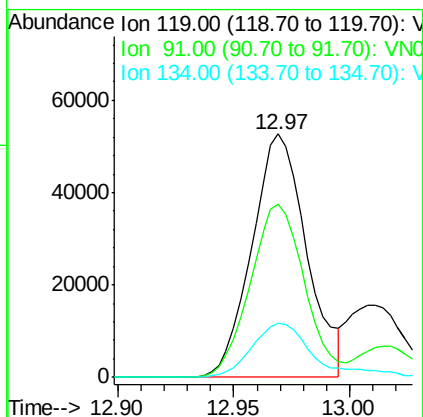
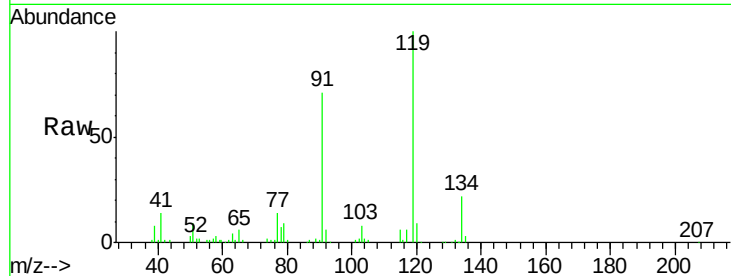
#79  
tert-butylbenzene  
Concen: 15.612 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0814WBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 119     | 100   | 86677 |       |       |
| 91      | 70.9  |       | 0.0   | 145.0 |
| 134     | 25.2  |       | 0.0   | 44.6  |

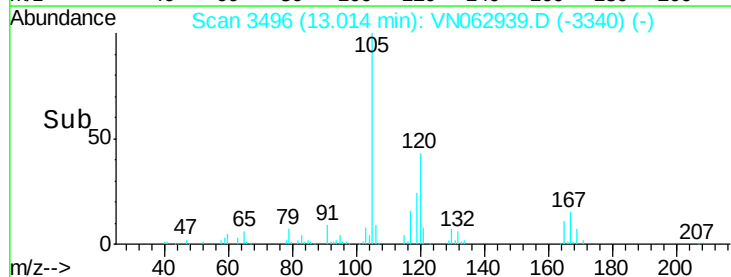
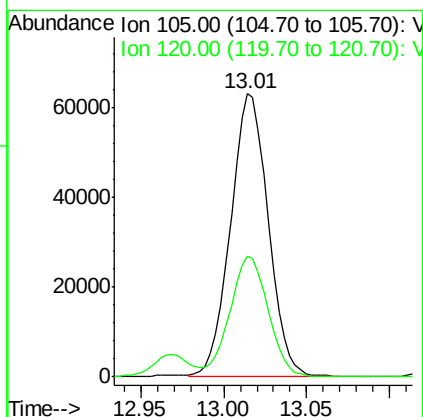
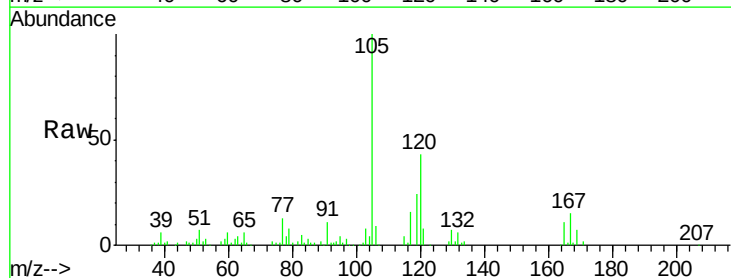
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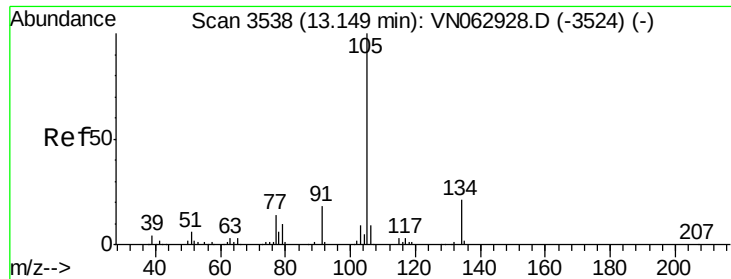
MMDadoda  
8/17/2020 5:45:08 PM



#80  
1,2,4-Trimethylbenzene  
Concen: 15.121 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 99322 |       |       |
| 120     | 43.3  |       | 0.0   | 86.6  |





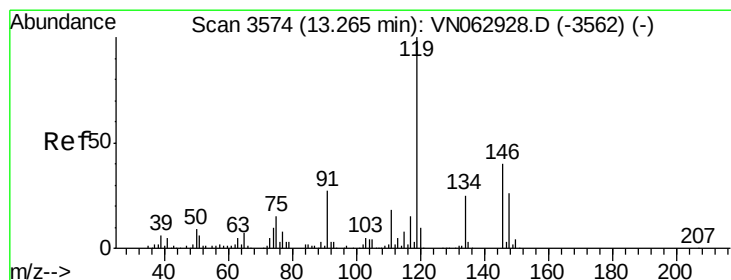
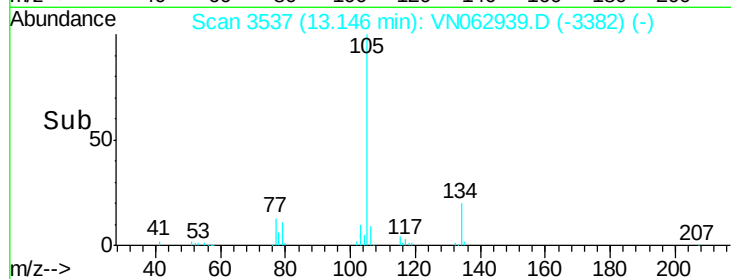
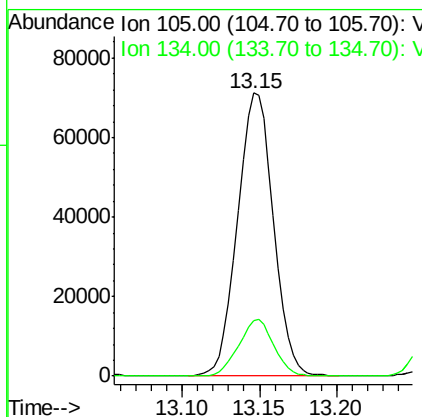
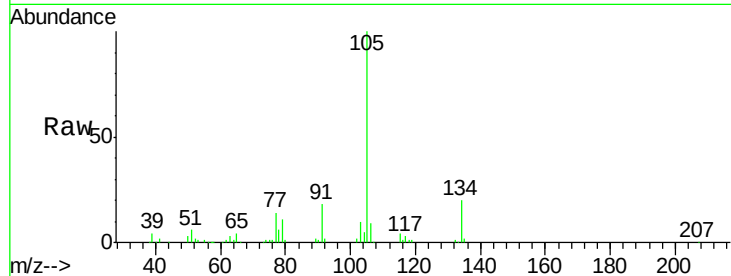
#81  
 sec-Butylbenzene  
 Concen: 15.666 ug/l  
 RT: 13.15 min Scan# 3537  
 Delta R.T. -0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0814WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 114821 |       |       |
| 134     | 19.6  | 0.0    | 39.4  |       |

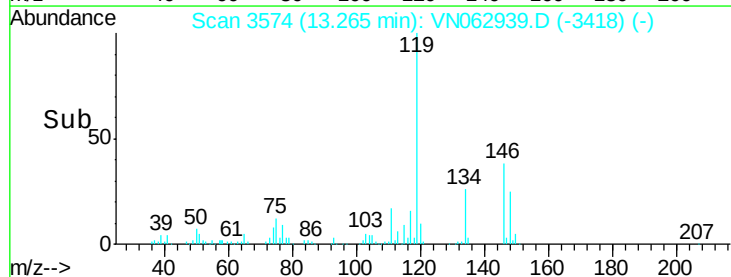
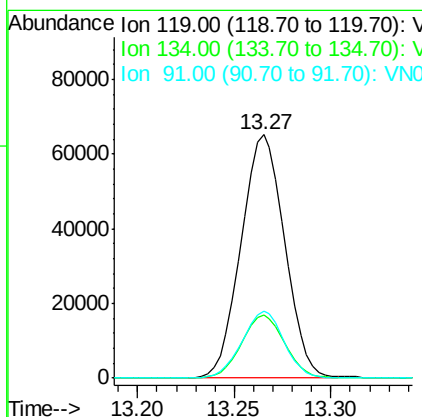
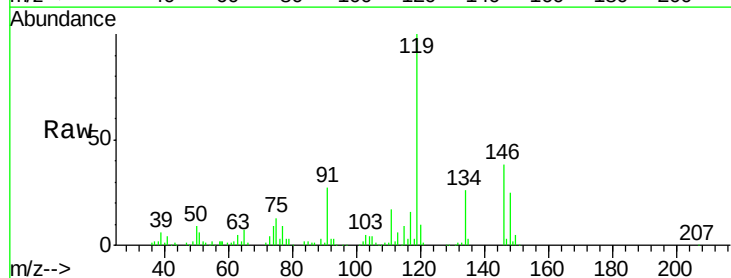
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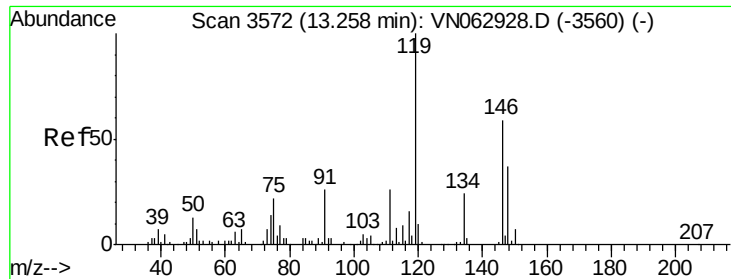
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#82  
 p-Isopropyltoluene  
 Concen: 15.651 ug/l  
 RT: 13.27 min Scan# 3574  
 Delta R.T. 0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 102566 |       |       |
| 134     | 25.6  | 0.0    | 49.6  |       |
| 91      | 26.5  | 0.0    | 53.6  |       |





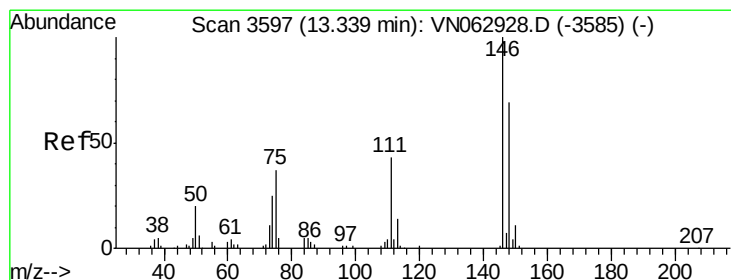
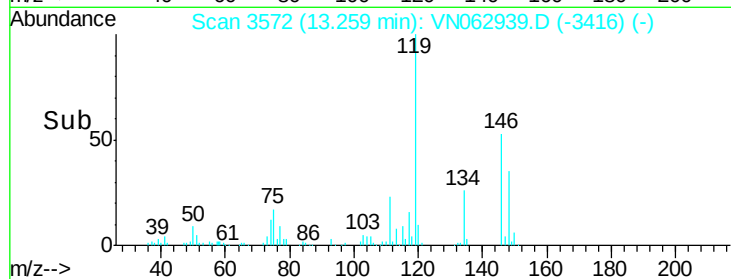
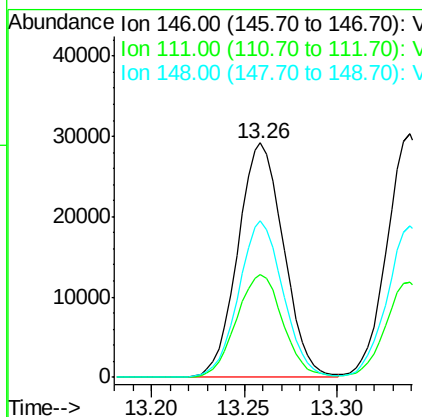
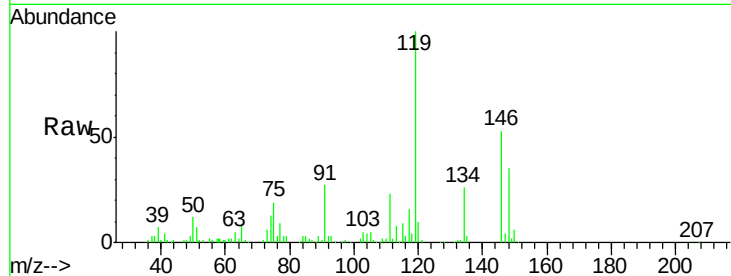
#83  
 1,3-Dichlorobenzene  
 Concen: 15.417 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. 0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.3  | 22.4  | 67.2  |
| 148     | 64.6  | 31.6  | 94.7  |

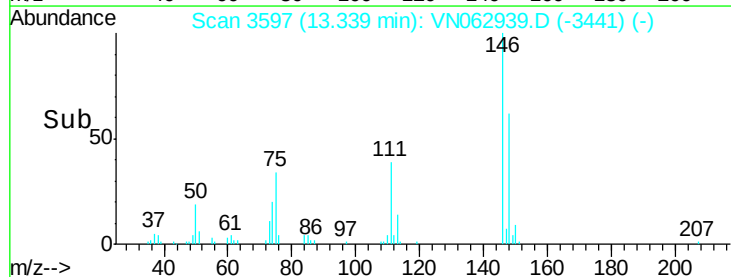
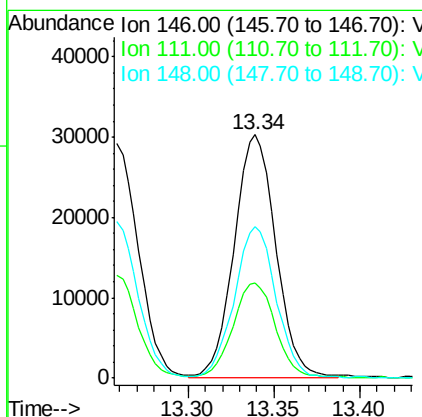
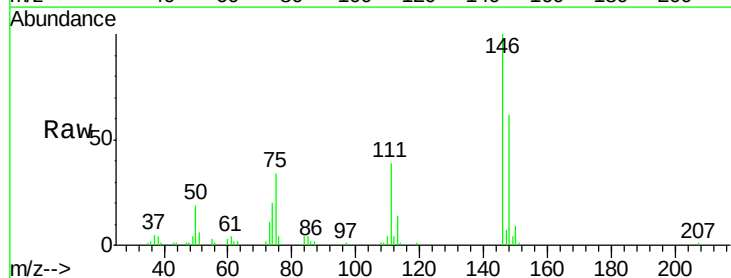
Manual Integrations  
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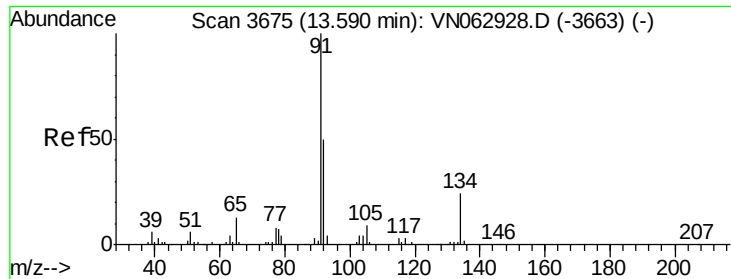
MMDadoda  
 8/17/2020 5:45:08 PM



#84  
 1,4-Dichlorobenzene  
 Concen: 16.034 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. 0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.2  | 21.6  | 64.8  |
| 148     | 60.4  | 33.3  | 99.9  |





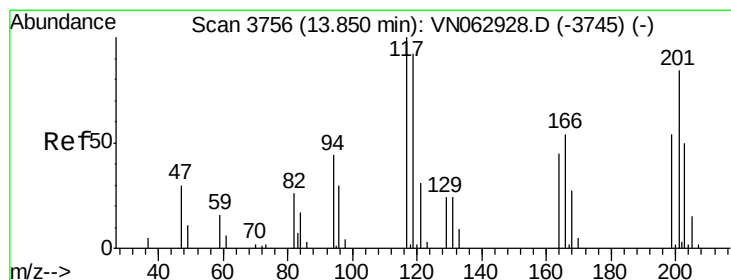
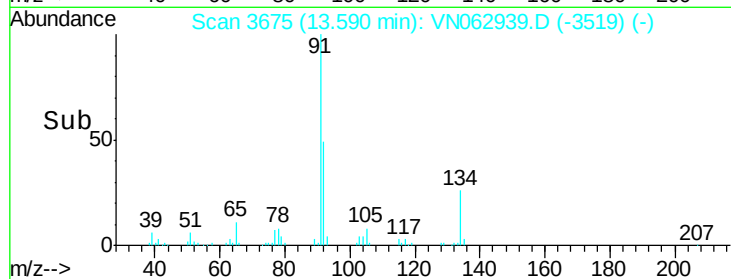
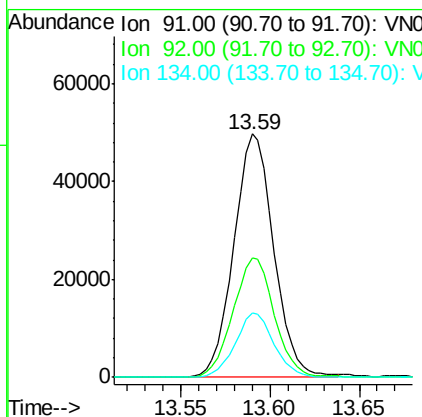
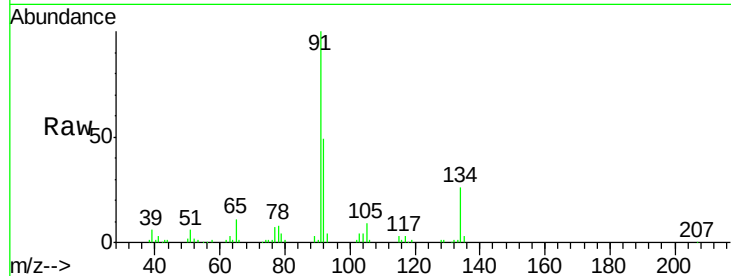
#85  
n-Butylbenzene  
Concen: 13.904 ug/l  
RT: 13.59 min Scan# 3675  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 50.7  | 0.0   | 97.2  |
| 134     | 25.6  | 0.0   | 48.4  |

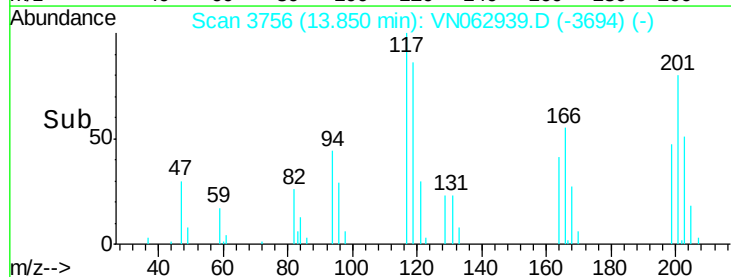
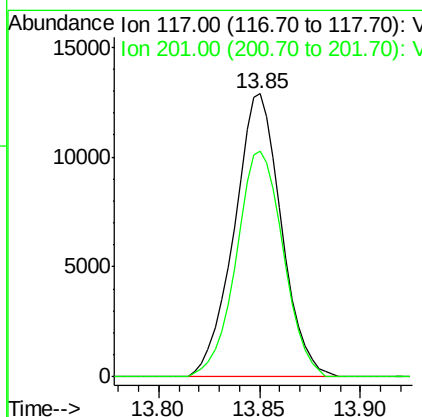
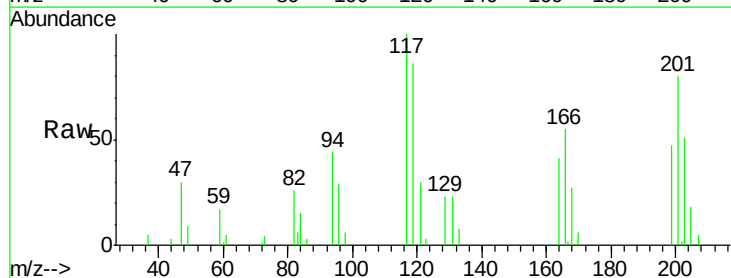
Manual Integrations  
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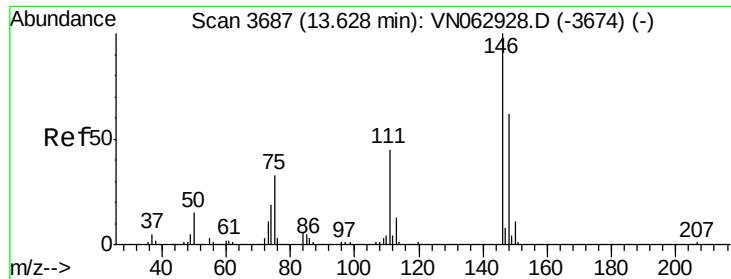
MMDadoda  
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#86  
Hexachloroethane  
Concen: 14.827 ug/l  
RT: 13.85 min Scan# 3756  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 79.6  | 40.9  | 122.7 |





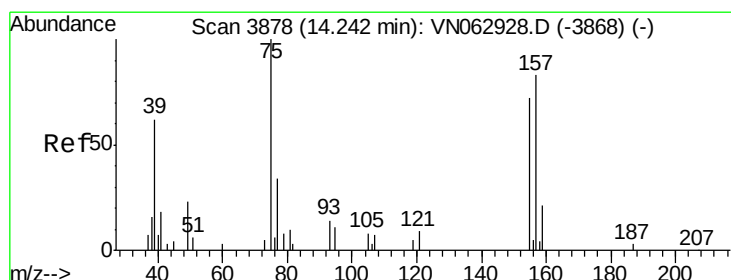
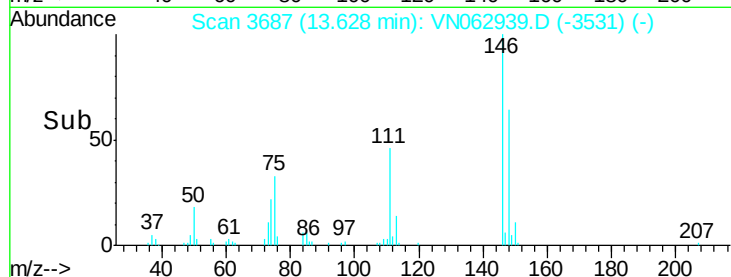
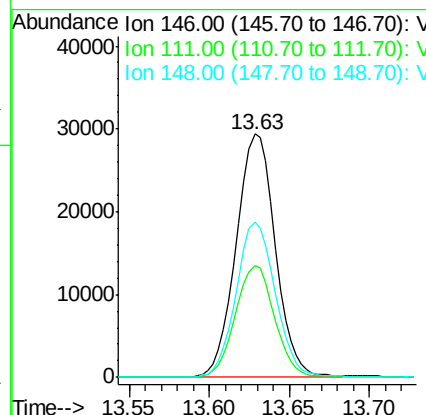
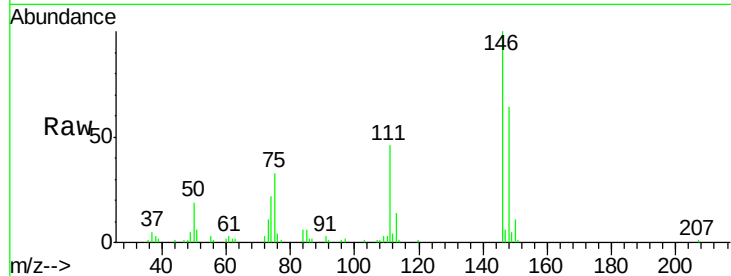
#87  
 1,2-Dichlorobenzene  
 Concen: 14.617 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. 0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 45.8  | 23.3  | 69.8  |
| 148     | 63.9  | 31.3  | 93.8  |

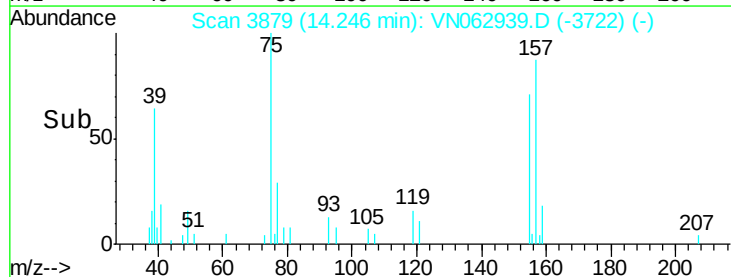
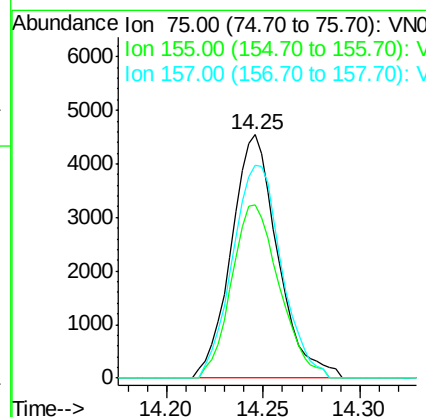
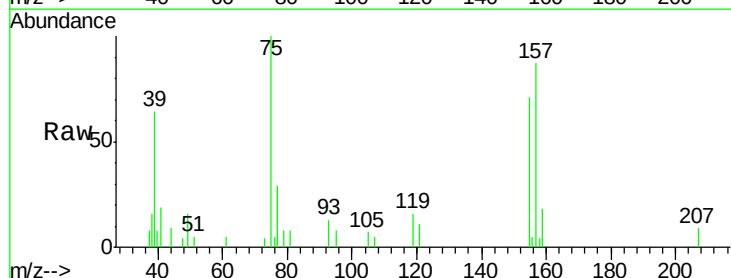
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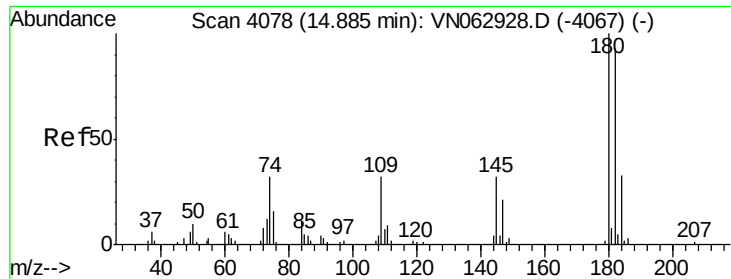


#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 12.956 ug/l  
 RT: 14.25 min Scan# 3879  
 Delta R.T. 0.00 min  
 Lab File: VN062939.D  
 Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 72.9  | 59.8  | 89.8  |
| 157     | 92.1  | 71.6  | 107.4 |







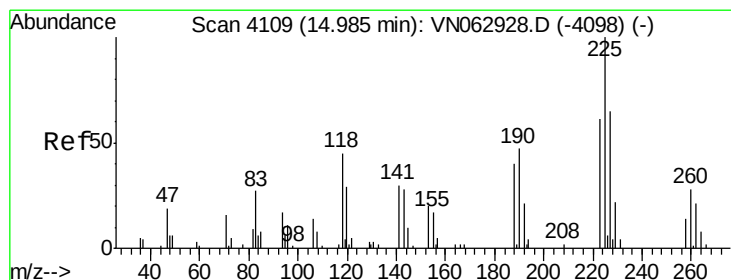
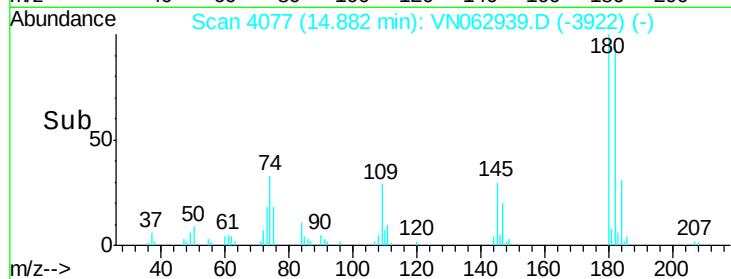
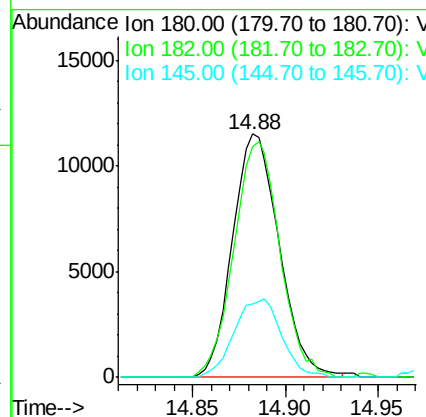
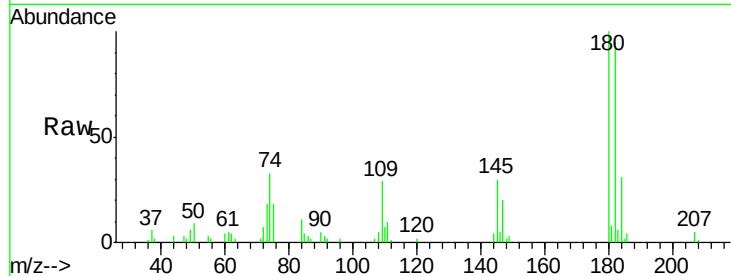
#89  
1,2,4-Trichlorobenzene  
Concen: 13.069 ug/l  
RT: 14.88 min Scan# 4077  
Delta R.T. -0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 75.3  | 112.9 |
| 145     | 32.6  | 25.4  | 38.2  |

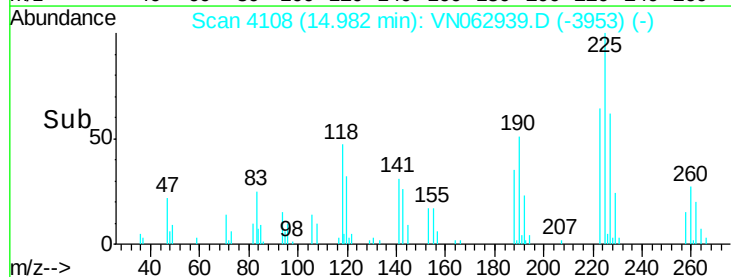
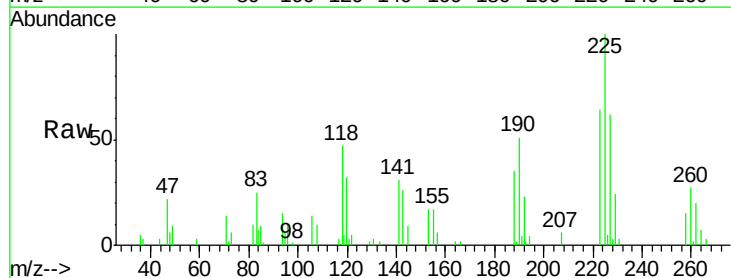
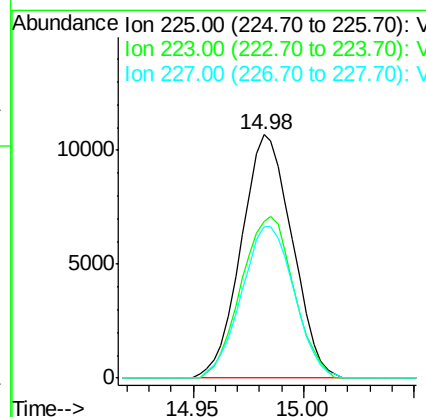
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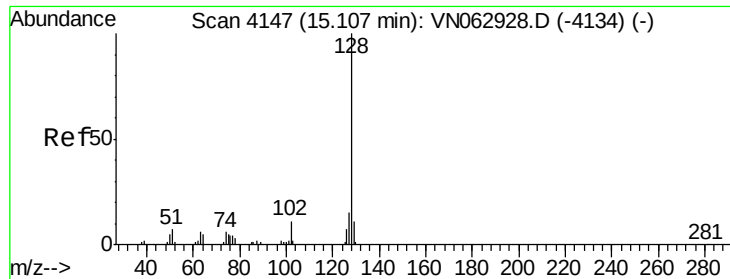
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#90  
Hexachlorobutadiene  
Concen: 16.587 ug/l  
RT: 14.98 min Scan# 4108  
Delta R.T. -0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 68.4  | 0.0   | 129.8 |
| 227     | 64.4  | 0.0   | 133.6 |





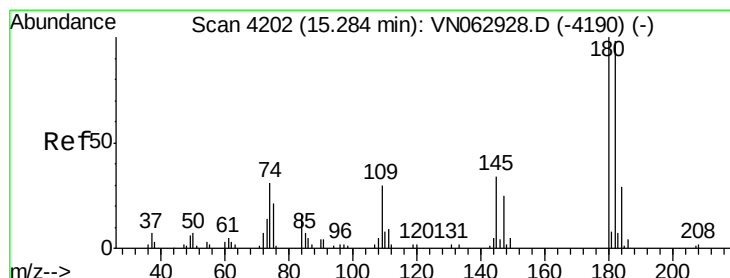
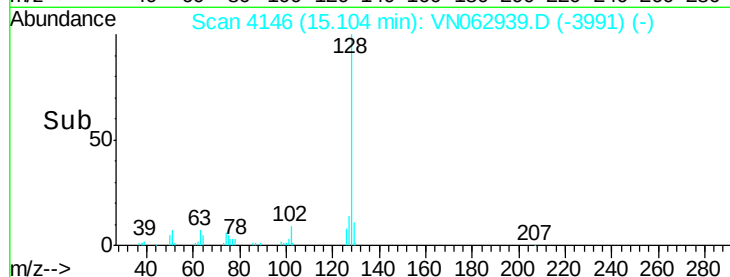
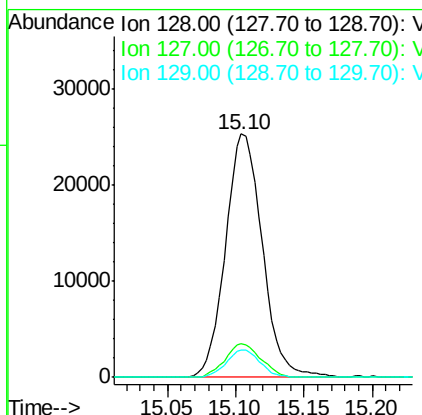
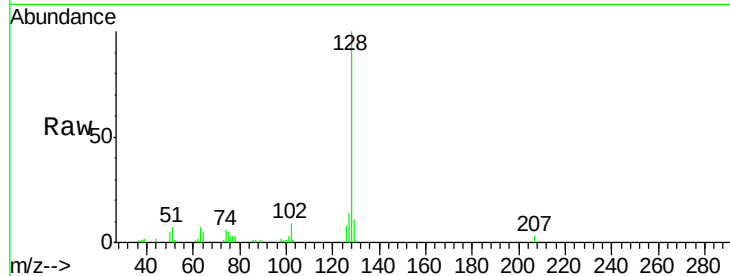
#91  
Naphthalene  
Concen: 11.361 ug/l  
RT: 15.10 min Scan# 4146  
Delta R.T. -0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0814WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 11.6  | 17.4  |
| 129     | 10.3  | 8.4   | 12.6  |

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#92  
1,2,3-Trichlorobenzene  
Concen: 14.653 ug/l  
RT: 15.28 min Scan# 4202  
Delta R.T. 0.00 min  
Lab File: VN062939.D  
Acq: 14 Aug 2020 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.2  | 0.0   | 196.4 |
| 145     | 32.1  | 0.0   | 71.4  |

