

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\  
 Data File : VN058922.D  
 Acq On : 23 Oct 2019 12:28  
 Operator : JC/SP  
 Sample : VN1024WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1024WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 10/25/2019 2:44:28 PM

Quant Time: Oct 24 01:34:41 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101819W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 19 00:16:20 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 341291   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 549891   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 514892   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 237735   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.01   | 65  | 251599   | 50.26 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.52% |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 178330   | 49.33 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.66%  |      |
| 50) Toluene-d8            | 10.08  | 98  | 682800   | 48.65 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.30%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 244379   | 47.42 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.84%  |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 79752   | 18.742  | ug/l | 100    |
| 3) Chloromethane              | 2.04 | 50  | 96929   | 18.392  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.17 | 62  | 99655   | 19.044  | ug/l | 99     |
| 5) Bromomethane               | 2.55 | 94  | 62873   | 19.187  | ug/l | 95     |
| 6) Chloroethane               | 2.68 | 64  | 63557   | 18.940  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 126998  | 19.615  | ug/l | 98     |
| 8) Diethyl Ether              | 3.39 | 74  | 42849   | 19.151  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 68636   | 19.122  | ug/l | 97     |
| 10) Methyl Iodide             | 3.93 | 142 | 88659   | 18.780  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.76 | 59  | 74337   | 89.492  | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 63767   | 18.953  | ug/l | 94     |
| 13) Acrolein                  | 3.58 | 56  | 41622   | 72.926  | ug/l | 98     |
| 14) Allyl chloride            | 4.30 | 41  | 126942  | 18.646  | ug/l | 97     |
| 15) Acrylonitrile             | 4.96 | 53  | 201888  | 96.624  | ug/l | 100    |
| 16) Acetone                   | 3.79 | 43  | 218201  | 88.217  | ug/l | 97     |
| 17) Carbon Disulfide          | 4.03 | 76  | 194680  | 17.963  | ug/l | 100    |
| 18) Methyl Acetate            | 4.30 | 43  | 105142  | 18.697  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.02 | 73  | 229618  | 19.491  | ug/l | 99     |
| 20) Methylene Chloride        | 4.53 | 84  | 79822   | 18.900  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 70323   | 18.926  | ug/l | 94     |
| 22) Diisopropyl ether         | 5.93 | 45  | 265223  | 19.917  | ug/l | 100    |
| 23) Vinyl Acetate             | 5.87 | 43  | 1092505 | 102.114 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 149189  | 19.321  | ug/l | 100    |
| 25) 2-Butanone                | 6.81 | 43  | 292242  | 91.018  | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 6.80 | 77  | 126699  | 18.970  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.81 | 96  | 80709   | 19.015  | ug/l | 99     |
| 28) Bromochloromethane        | 7.18 | 49  | 48097   | 18.703  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.19 | 42  | 186706  | 95.056  | ug/l | 99     |
| 30) Chloroform                | 7.35 | 83  | 148414  | 19.161  | ug/l | 97     |
| 31) Cyclohexane               | 7.64 | 56  | 129184  | 17.959  | ug/l | 94     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 126387  | 19.359  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.78 | 75  | 105991  | 18.827  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.91 | 43  | 116844  | 19.048  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.76 | 117 | 109744  | 18.922  | ug/l | 97     |

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 Sample : VN1024WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN1024WBS01

Manual Integrations  
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 10/25/2019 2:44:28 PM

Quant Time: Oct 24 01:34:41 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101819W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 19 00:16:20 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 112356   | 17.774  | ug/l   | 97       |
| 40) Benzene                    | 8.02  | 78   | 318794   | 19.284  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.16  | 41   | 49404m   | 18.083  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.11  | 62   | 123994   | 19.471  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.15  | 43   | 185025   | 18.807  | ug/l # | 92       |
| 44) Trichloroethene            | 8.82  | 130  | 77755    | 19.308  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 9.11  | 63   | 88346    | 19.489  | ug/l   | 100      |
| 46) Dibromomethane             | 9.20  | 93   | 54585    | 19.047  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.39  | 83   | 113692   | 19.248  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.19  | 41   | 84130    | 18.848  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 27324    | 372.911 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 591037   | 102.855 | ug/l   | 99       |
| 52) Toluene                    | 10.15 | 92   | 193019   | 19.689  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 123779   | 18.930  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 134334   | 19.230  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 78587    | 19.459  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 113514   | 18.128  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 138342   | 19.517  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 250316   | 91.064  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 434670   | 97.891  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 83356    | 19.176  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 79711    | 19.286  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 68596    | 19.023  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 203284   | 19.393  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 77771    | 19.661  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 360174   | 19.587  | ug/l   | 96       |
| 68) m/p-Xylenes                | 11.62 | 106  | 266176   | 39.032  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 125675   | 19.323  | ug/l   | 100      |
| 70) Styrene                    | 11.97 | 104  | 204864   | 18.193  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 57110    | 18.618  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 349118   | 20.094  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 150130   | 19.060  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 120109   | 19.661  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 113910m  | 20.674  | ug/l   |          |
| 77) Bromobenzene               | 12.53 | 156  | 84088    | 19.636  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 408910   | 19.911  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 248723   | 19.788  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.74 | 105  | 295831   | 20.266  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 39790    | 18.813  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 250397   | 19.494  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.00 | 119  | 247516   | 19.829  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 294219   | 20.435  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.18 | 105  | 335865   | 20.181  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 292207   | 19.899  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.29 | 146  | 149227   | 19.488  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.37 | 146  | 144993   | 18.913  | ug/l   | 96       |
| 89) n-Butylbenzene             | 13.62 | 91   | 257168   | 19.064  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 57692    | 19.388  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 147371   | 19.581  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.28 | 75   | 25478    | 18.439  | ug/l   | 94       |

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Sample : VN1024WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

Manual Integrations  
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101819W.M  
Quant Title : SW846 8260  
QLast Update : Sat Oct 19 00:16:20 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.92 | 180  | 75366    | 17.626 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 45679    | 18.726 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 208562   | 16.860 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 76012    | 18.085 | ug/l  | 100      |

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

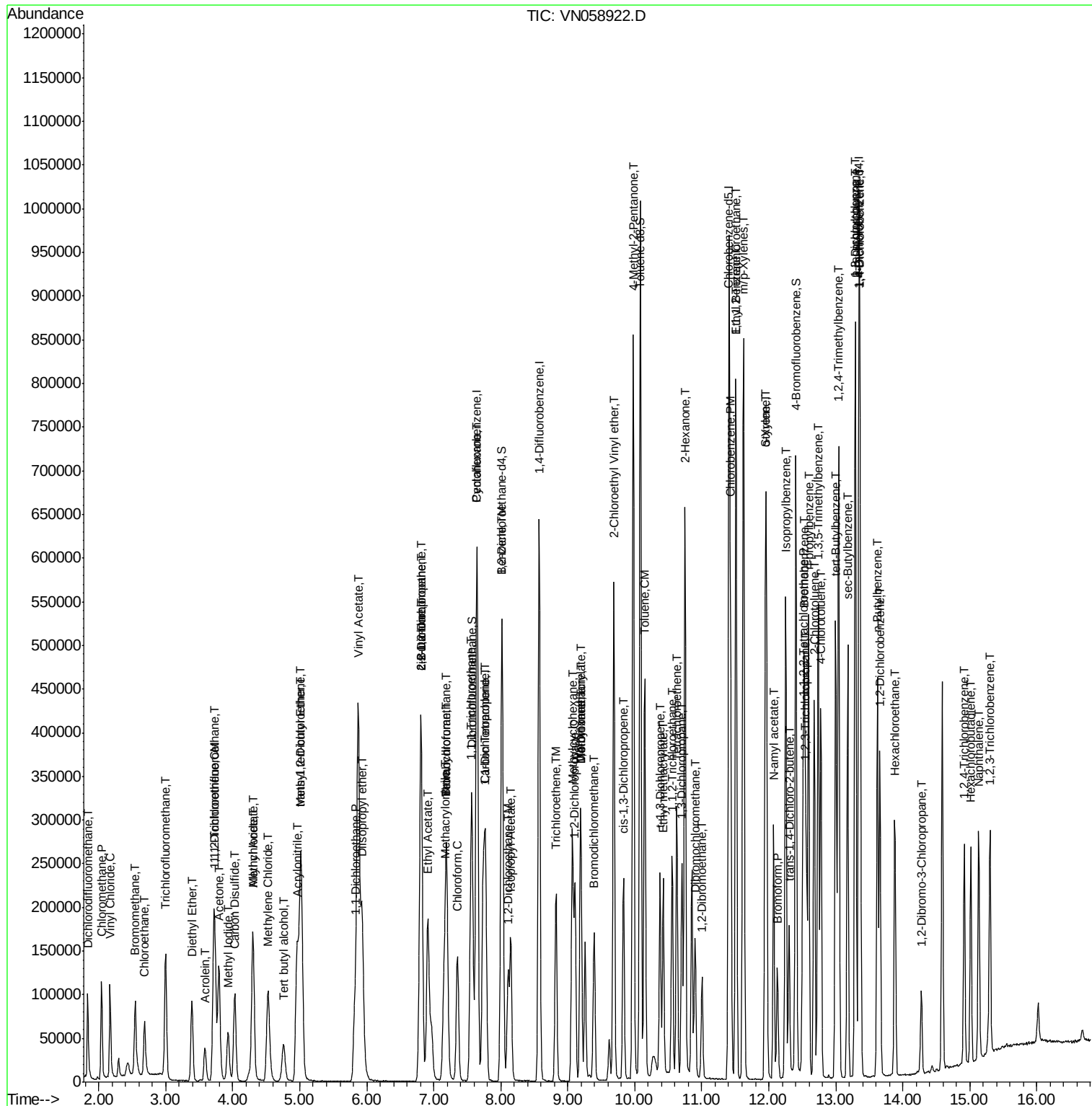
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Data File : VN058922.D  
Acq On : 23 Oct 2019 12:28  
Operator : JC/SP  
Sample : VN1024WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 9 Sample Multiplier: 1

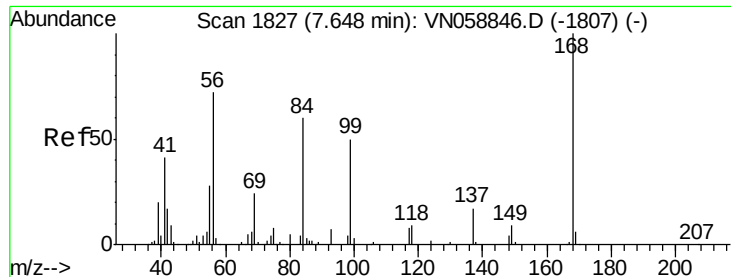
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

Manual Integrations  
APPROVED

MMDadoda  
10/25/2019 2:44:28 PM

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Quant Title : SW846 8260  
QLast Update : Sat Oct 19 00:16:20 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1024WBS01

Tot Ion:168 Resp: 341291

Ion Ratio Lower Upper

168 100

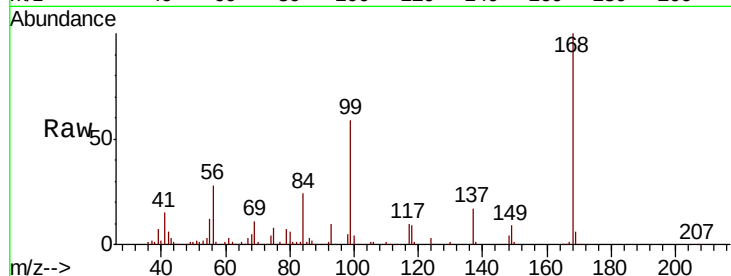
99 59.0 48.1 72.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

100000

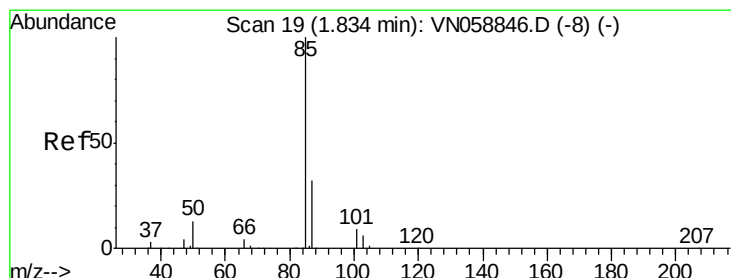
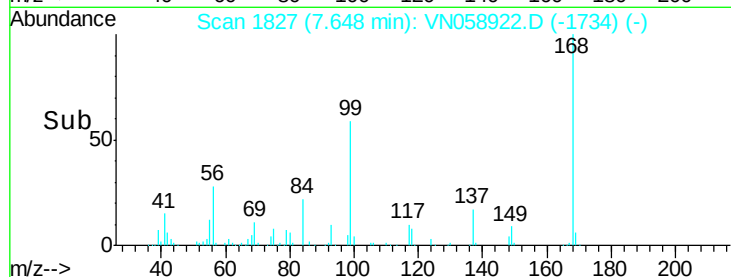
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.742 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058922.D

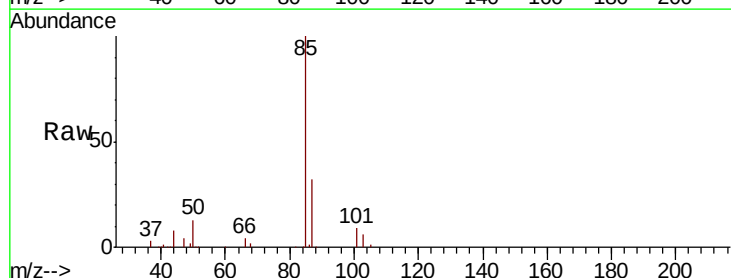
Acq: 23 Oct 2019 12:28

Tgt Ion: 85 Resp: 79752

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

50000

40000

30000

20000

10000

0

1.75

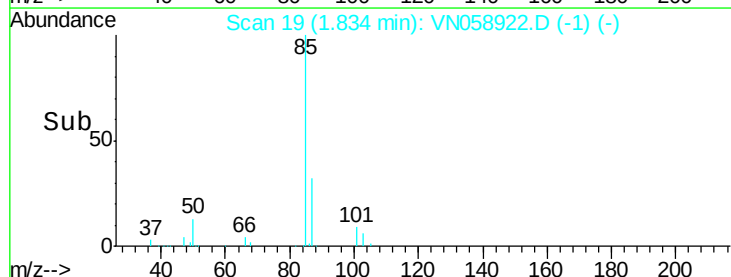
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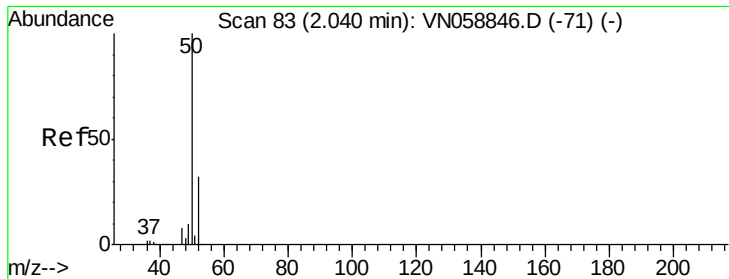
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 18.392 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1024WBS01

Tot Ion: 50 Resp: 96929

Ion Ratio Lower Upper

50 100

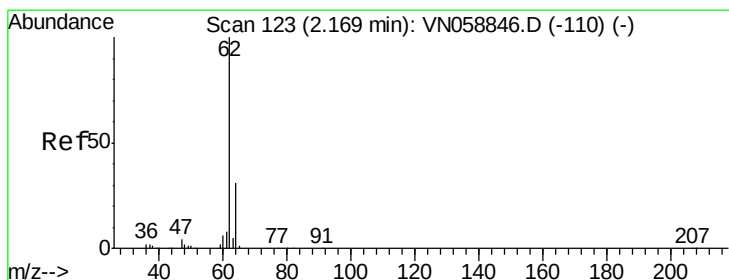
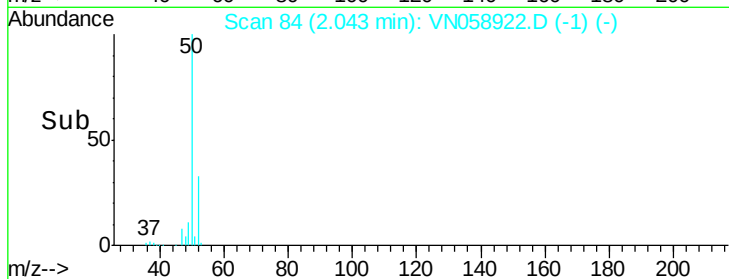
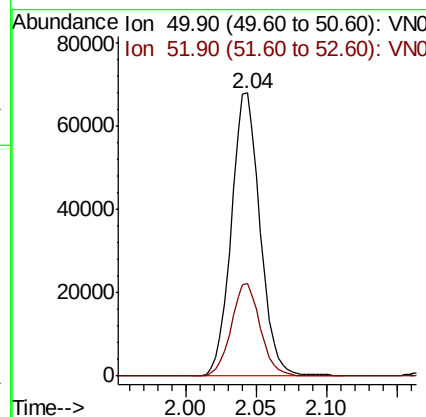
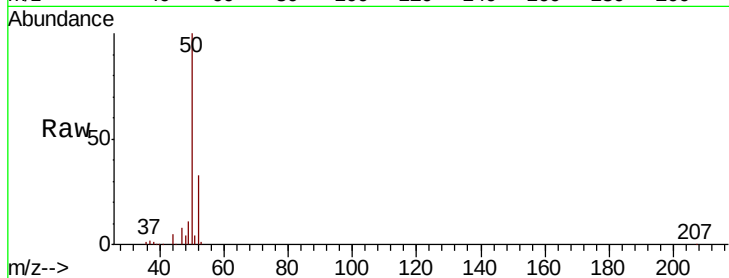
52 32.6 25.7 38.5

Manual Integrations

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10/25/2019 2:44:28 PM



#4

Vinyl Chloride

Concen: 19.044 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058922.D

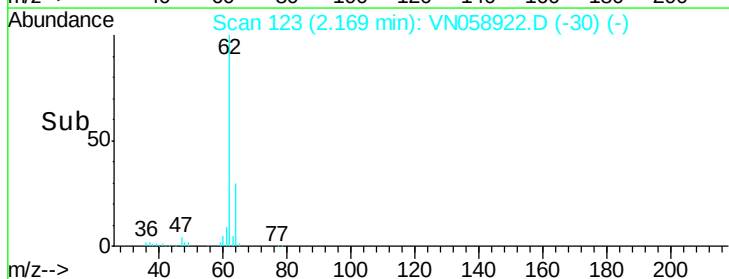
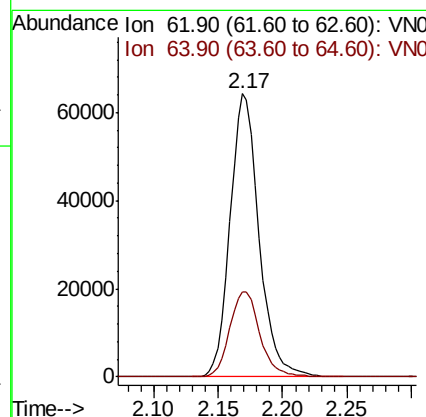
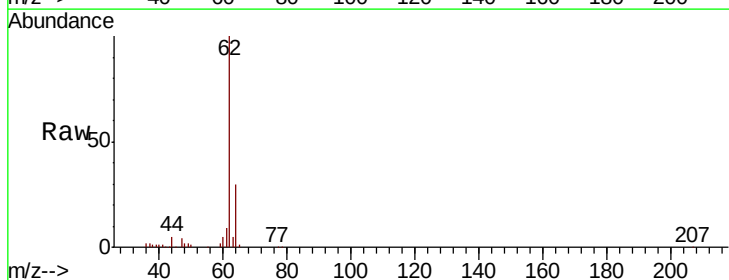
Acq: 23 Oct 2019 12:28

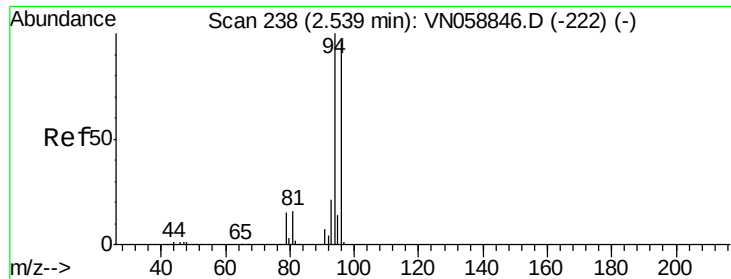
Tgt Ion: 62 Resp: 99655

Ion Ratio Lower Upper

62 100

64 30.1 24.6 36.8





#5

Bromomethane

Concen: 19.187 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1024WBS01

Tot Ion: 94 Resp: 62873

Ion Ratio Lower Upper

94 100

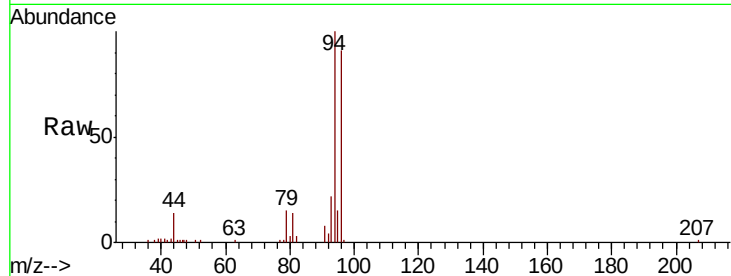
96 91.2 77.0 115.6

Manual Integrations

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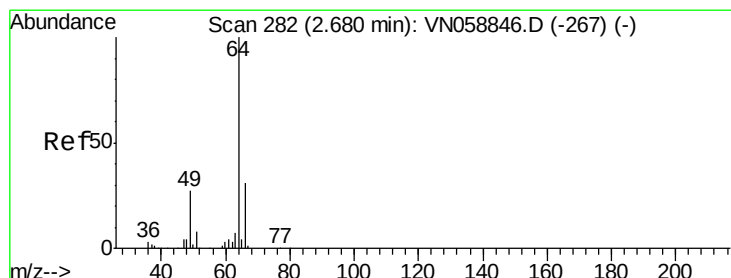
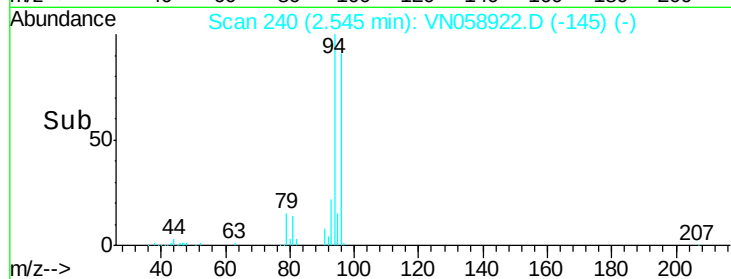
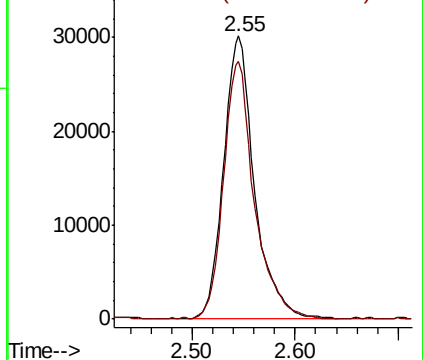
MMDadoda

10/25/2019 2:44:28 PM



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 18.940 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN058922.D

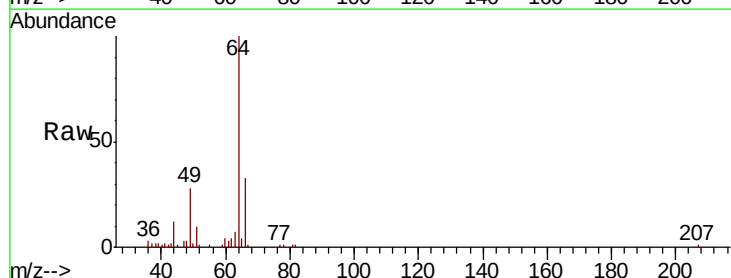
Acq: 23 Oct 2019 12:28

Tgt Ion: 64 Resp: 63557

Ion Ratio Lower Upper

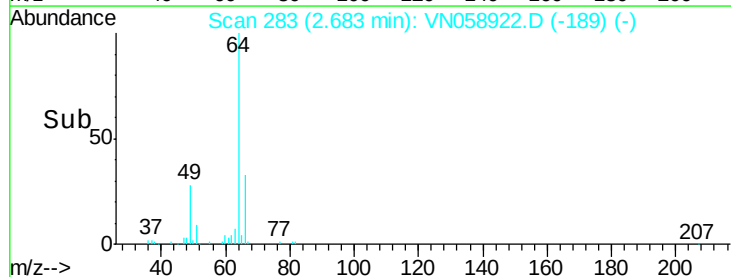
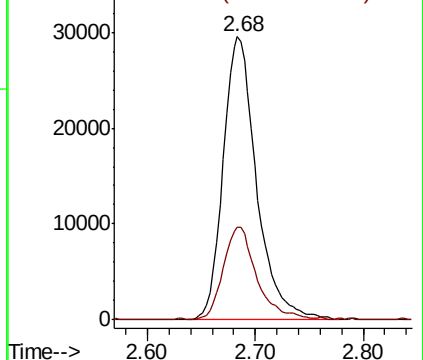
64 100

66 32.9 25.0 37.4

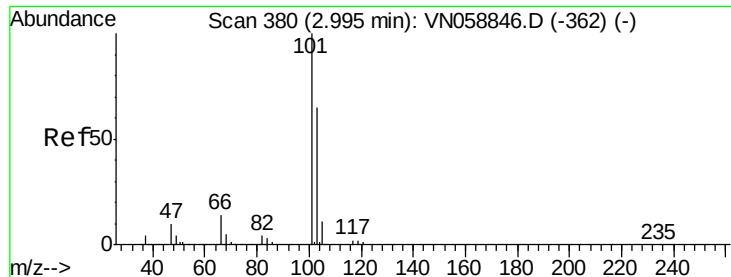


Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO







#7

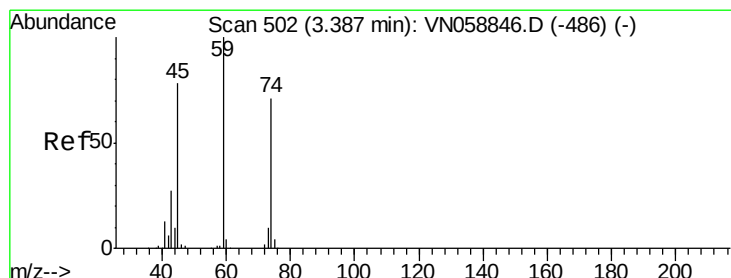
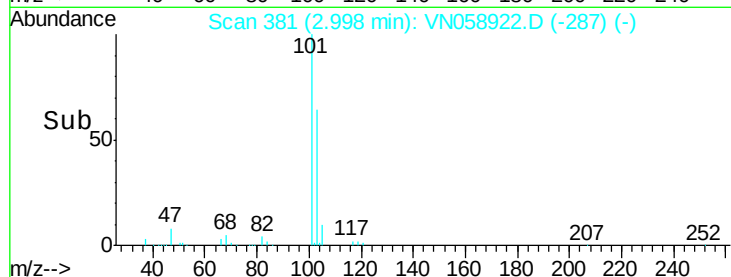
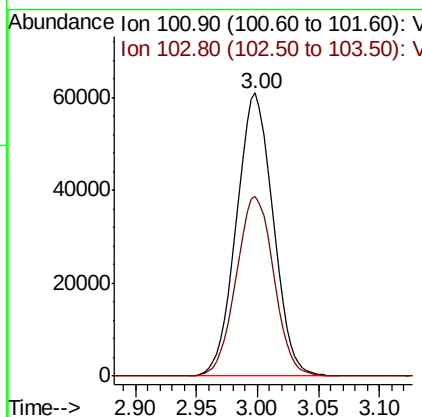
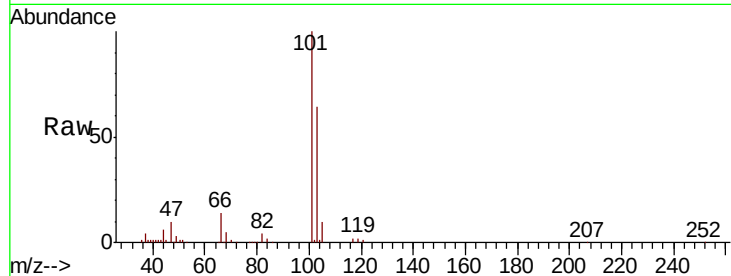
Trichlorofluoromethane  
Concen: 19.615 ug/l  
RT: 3.00 min Scan# 381  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.6  | 52.2  | 78.2  |

Manual Integrations  
APPROVED

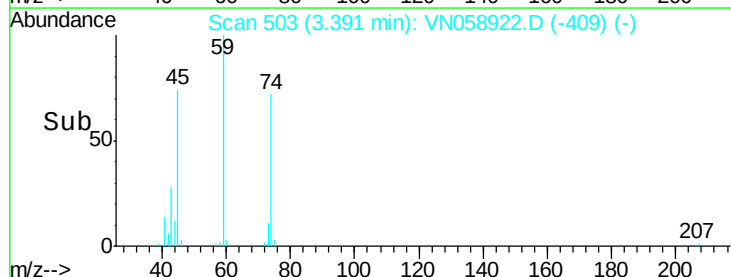
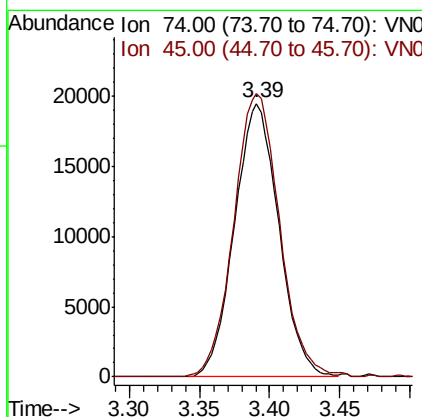
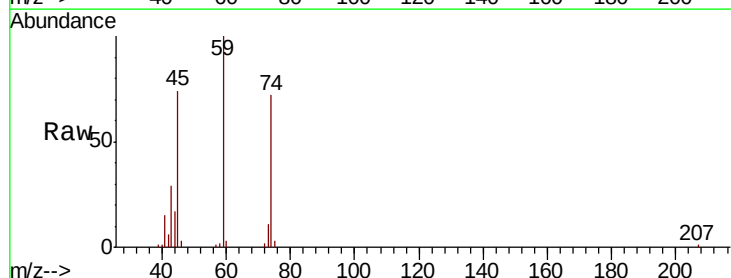
MMDadoda  
10/25/2019 2:44:28 PM



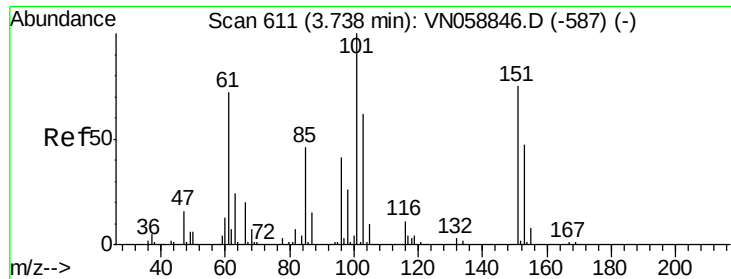
#8

Diethyl Ether  
Concen: 19.151 ug/l  
RT: 3.39 min Scan# 503  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 107.2 | 54.9  | 164.5 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.122 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

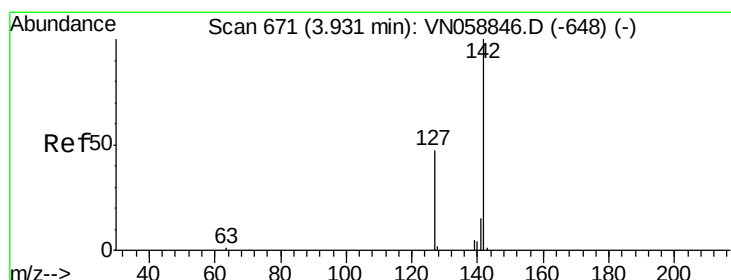
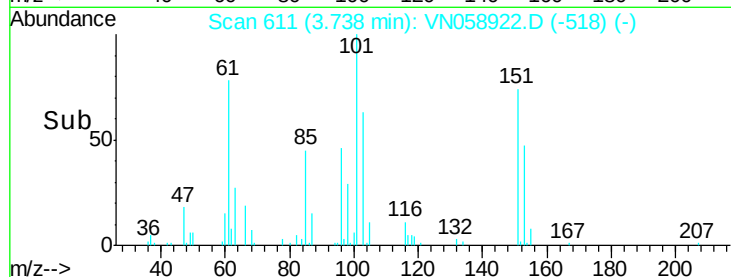
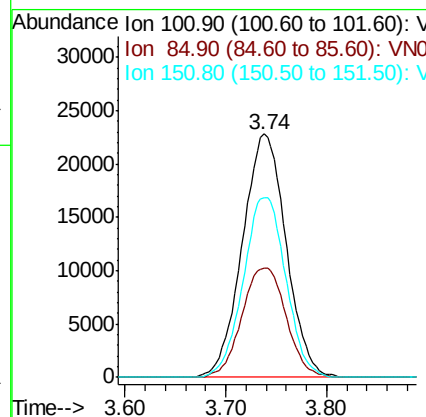
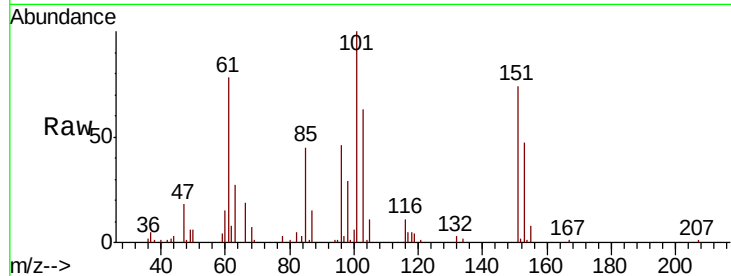
ClientSampleId :

VN1024WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 68636 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.4  | 37.2  | 55.8  |
| 151       | 71.8  | 59.9  | 89.9  |

Manual Integrations  
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10/25/2019 2:44:28 PM



#10

Methyl Iodide

Concen: 18.780 ug/l

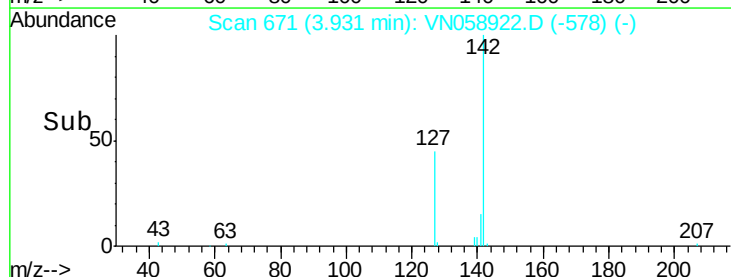
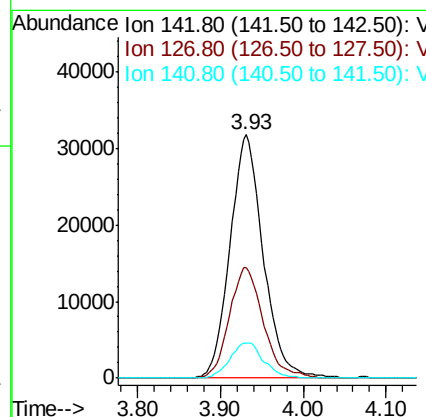
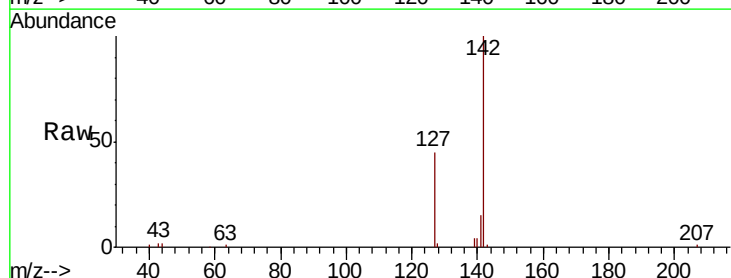
RT: 3.93 min Scan# 671

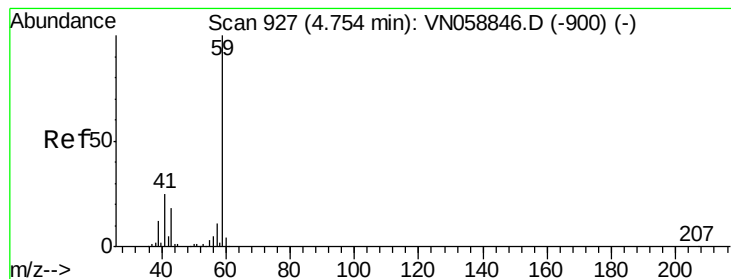
Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 88659 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 46.3  | 36.6  | 54.8  |
| 141       | 14.5  | 11.4  | 17.2  |





#11

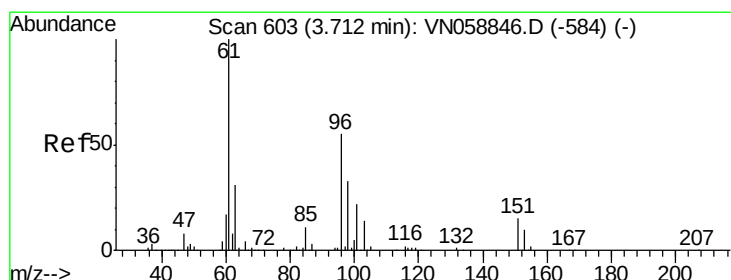
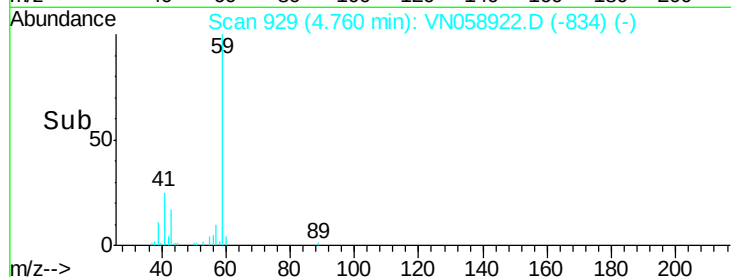
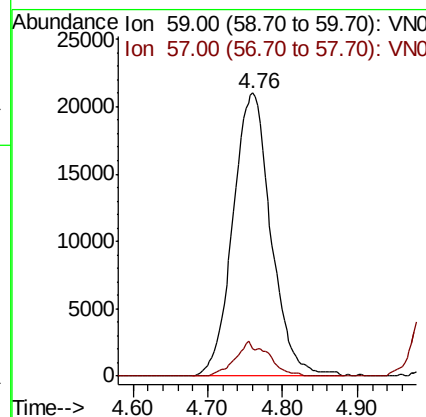
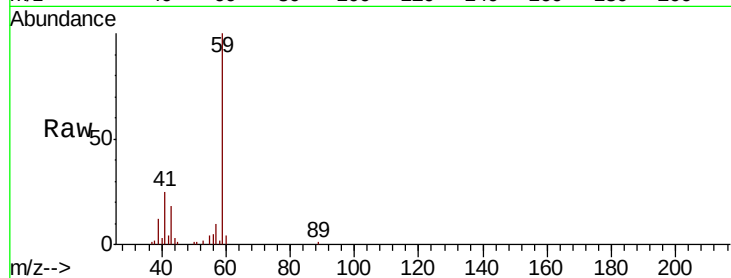
Tert butyl alcohol  
Concen: 89.492 ug/l  
RT: 4.76 min Scan# 929  
Delta R.T. 0.01 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion   | 59   | Resp  | 74337 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 10.8 | 8.6   | 12.8  |

Manual Integrations  
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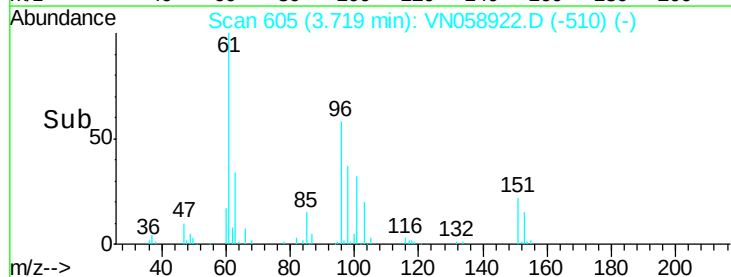
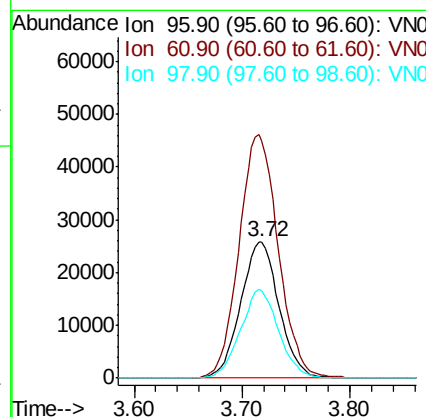
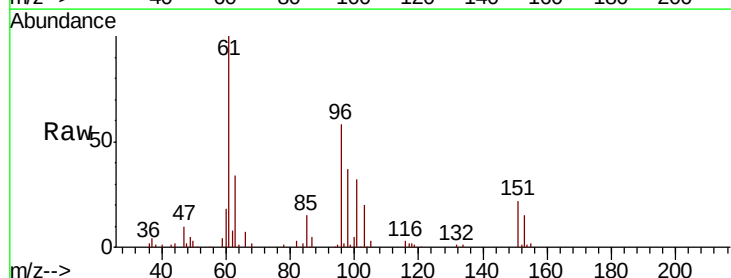
MMDadoda  
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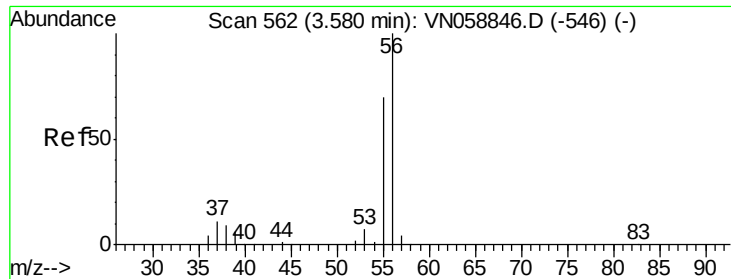


#12

1,1-Dichloroethene  
Concen: 18.953 ug/l  
RT: 3.72 min Scan# 605  
Delta R.T. 0.01 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion   | 96    | Resp  | 63767 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 173.9 | 146.2 | 219.2 |
| 98        | 63.8  | 48.7  | 73.1  |





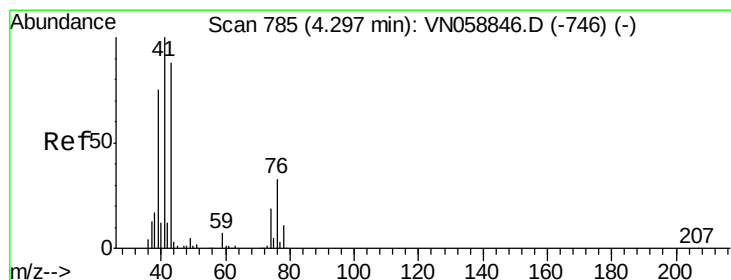
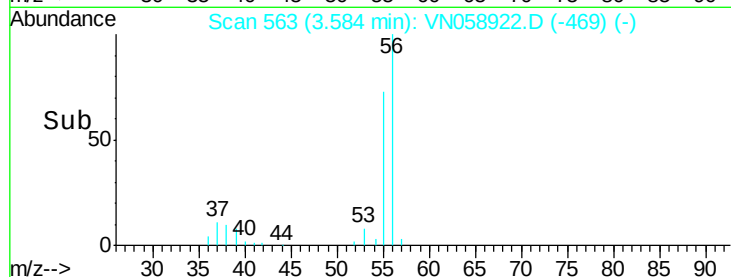
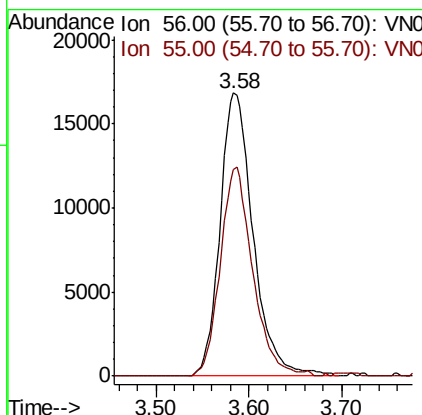
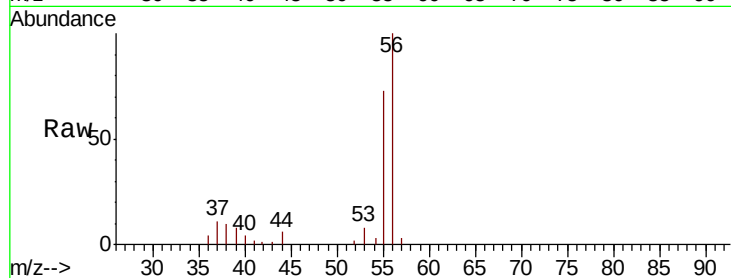
#13  
Acrolein  
Concen: 72.926 ug/l  
RT: 3.58 min Scan# 563  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 72.1  | 56.6  | 85.0  |

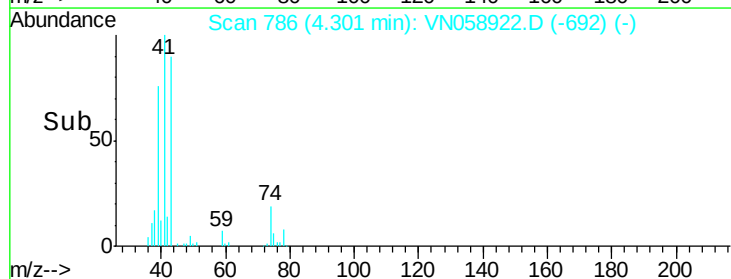
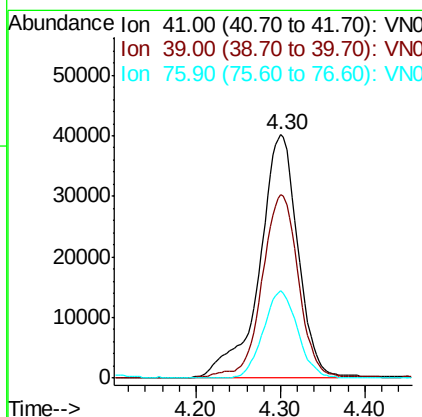
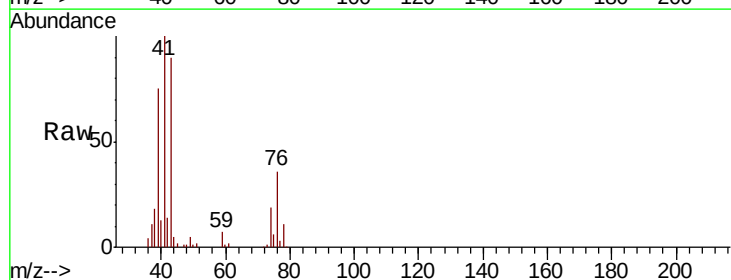
Manual Integrations  
APPROVED

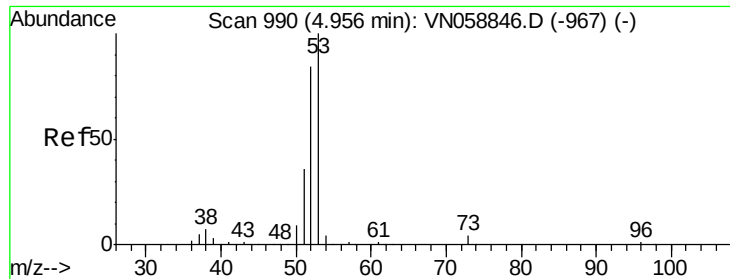
MMDadoda  
10/25/2019 2:44:28 PM



#14  
Allyl chloride  
Concen: 18.646 ug/l  
RT: 4.30 min Scan# 786  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 71.5  | 55.9  | 83.9  |
| 76      | 32.1  | 24.1  | 36.1  |





#15

Acrylonitrile

Concen: 96.624 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

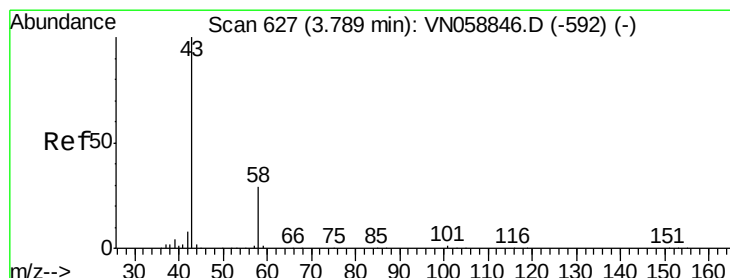
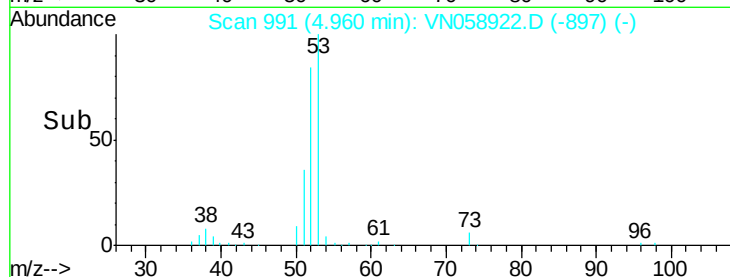
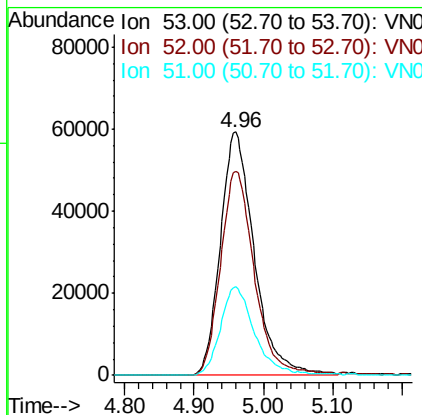
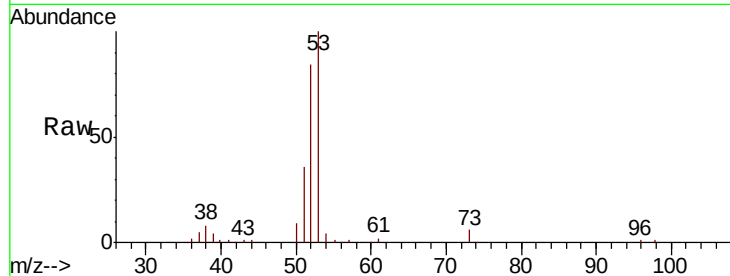
ClientSampleId :

VN1024WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 201888 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.6  | 66.6  | 99.8   |
| 51        | 36.7  | 29.2  | 43.8   |

Manual Integrations  
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#16

Acetone

Concen: 88.217 ug/l

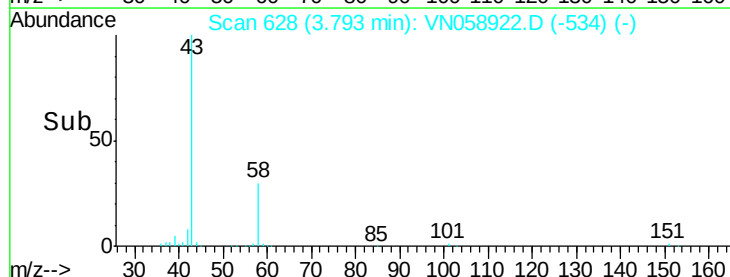
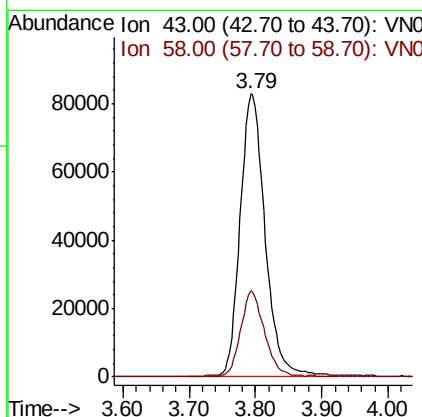
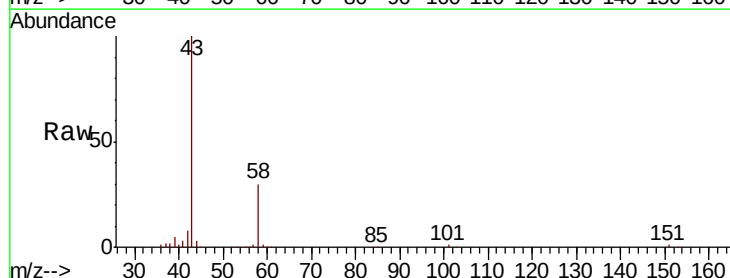
RT: 3.79 min Scan# 628

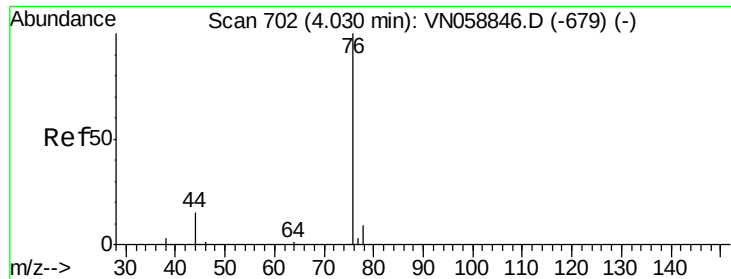
Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 218201 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.3  | 23.1  | 34.7   |





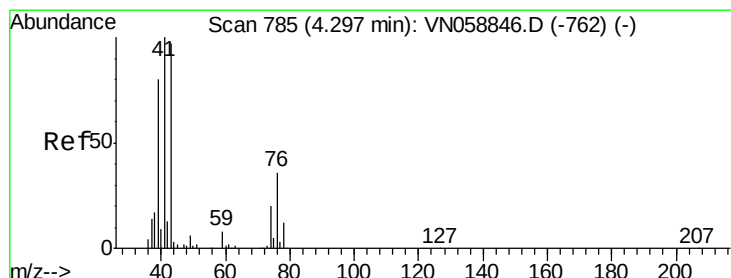
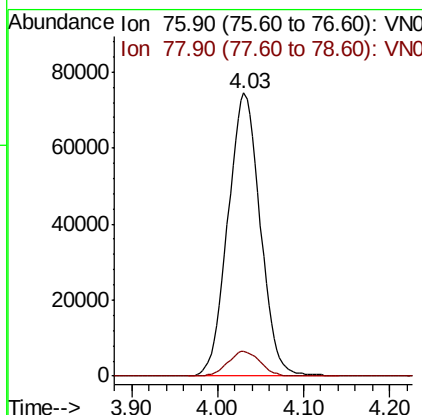
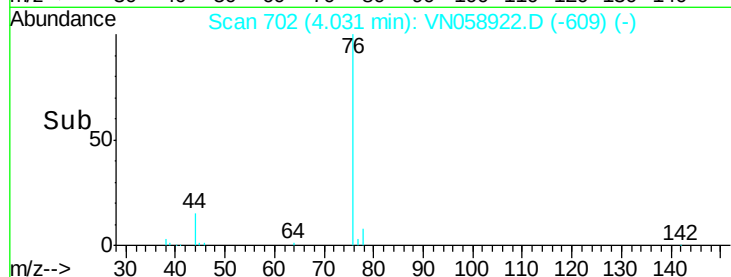
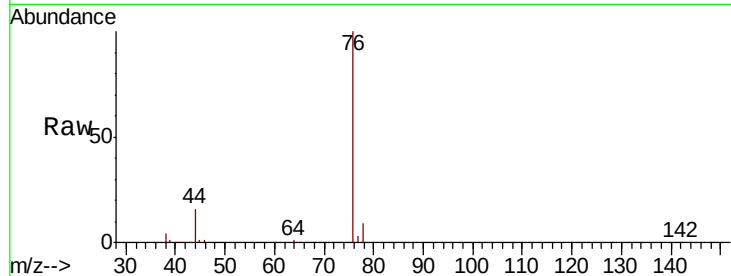
#17  
Carbon Disulfide  
Concen: 17.963 ug/l  
RT: 4.03 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.7   | 7.1   | 10.7  |

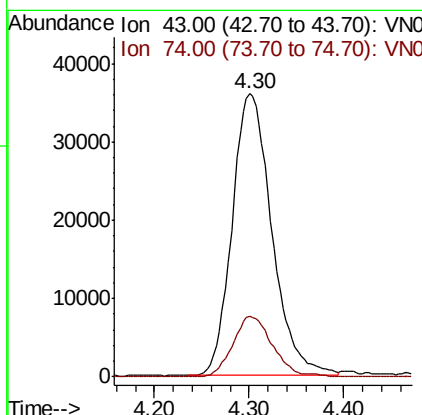
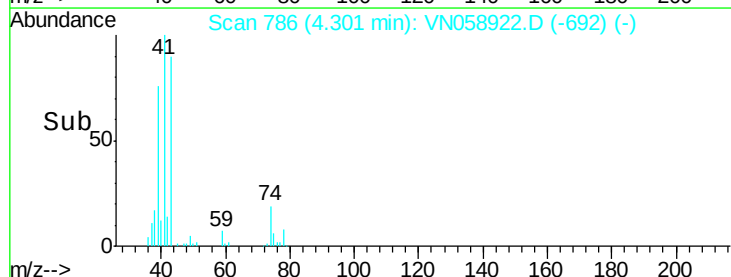
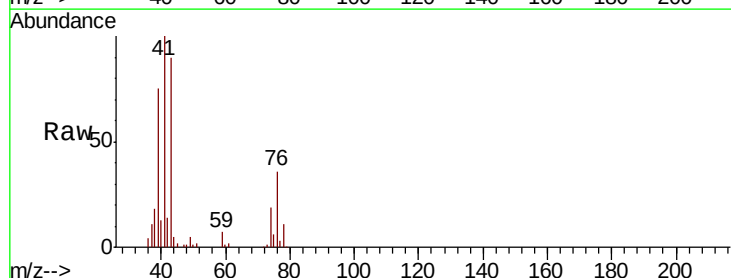
Manual Integrations  
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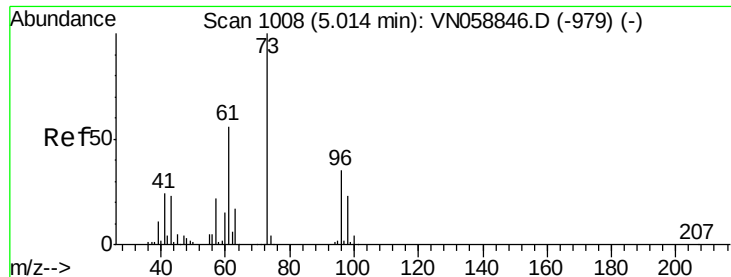
MMDadoda  
10/25/2019 2:44:28 PM



#18  
Methyl Acetate  
Concen: 18.697 ug/l  
RT: 4.30 min Scan# 786  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.1  | 17.1  | 25.7  |





#19

Methyl tert-butyl Ether

Concen: 19.491 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1024WBS01

Tot Ion: 73 Resp: 229618

Ion Ratio Lower Upper

73 100

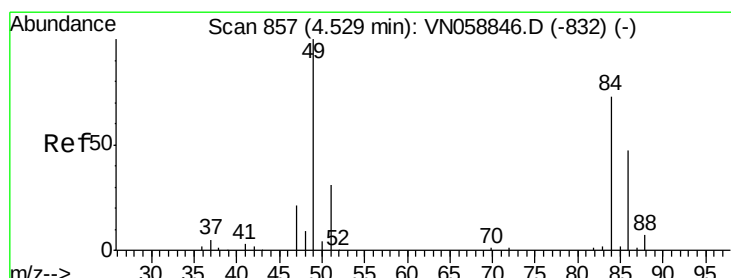
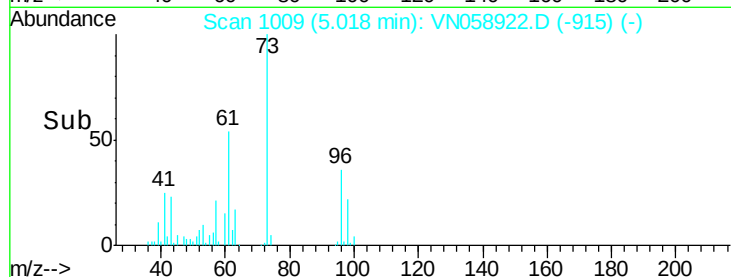
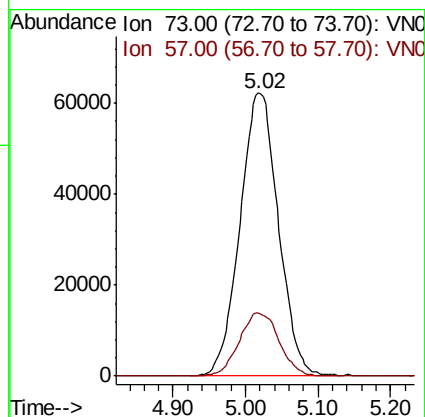
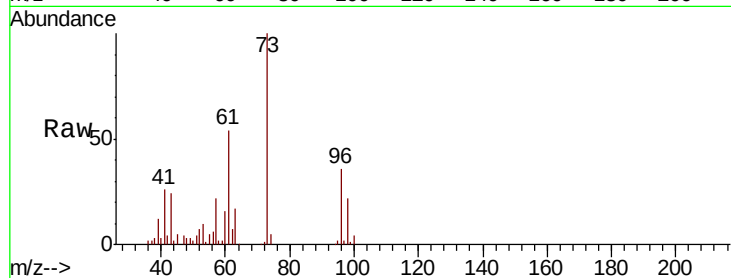
57 22.1 17.9 26.9

Manual Integrations

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#20

Methylene Chloride

Concen: 18.900 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Tgt Ion: 84 Resp: 79822

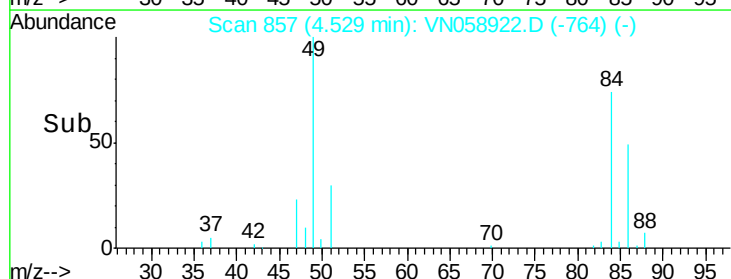
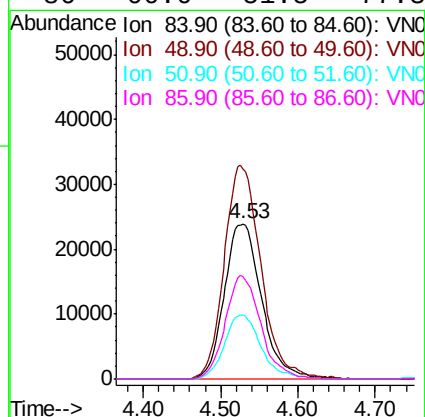
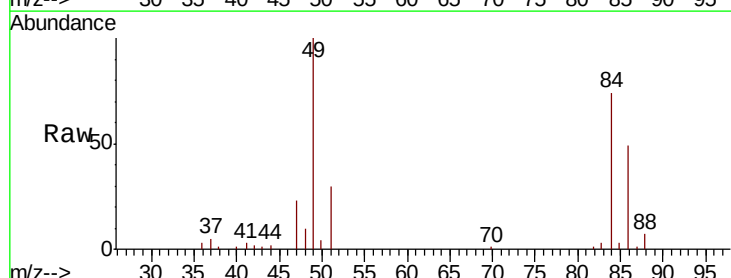
Ion Ratio Lower Upper

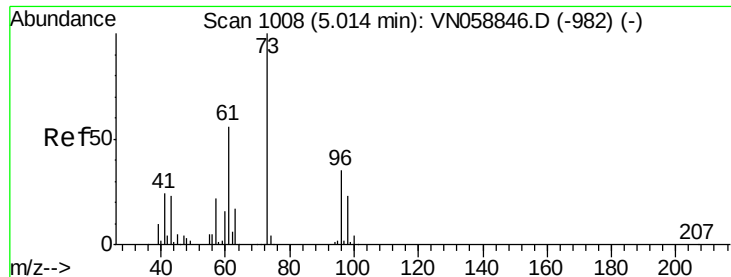
84 100

49 135.7 109.6 164.4

51 41.4 33.8 50.6

86 66.0 51.5 77.3





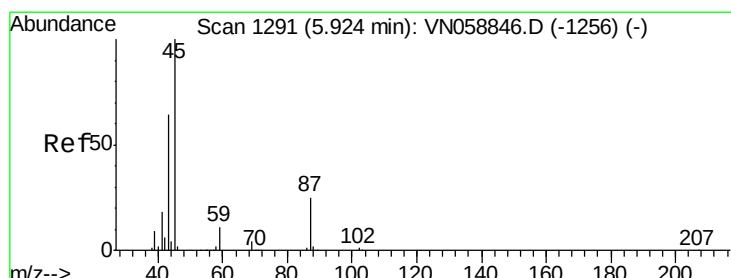
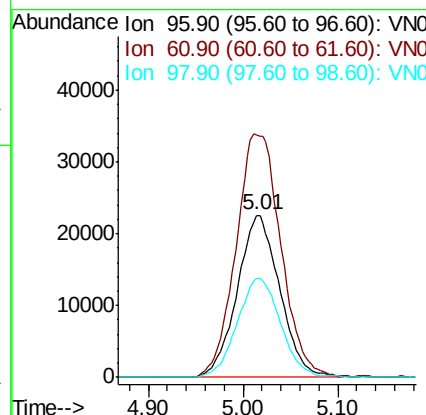
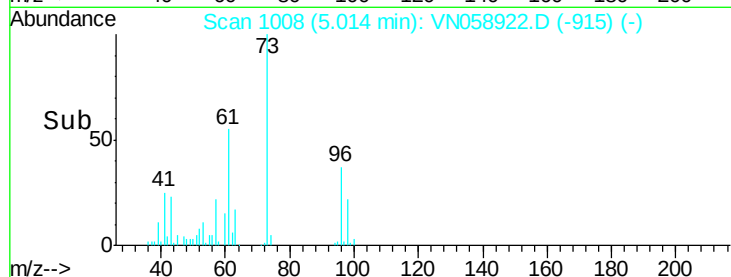
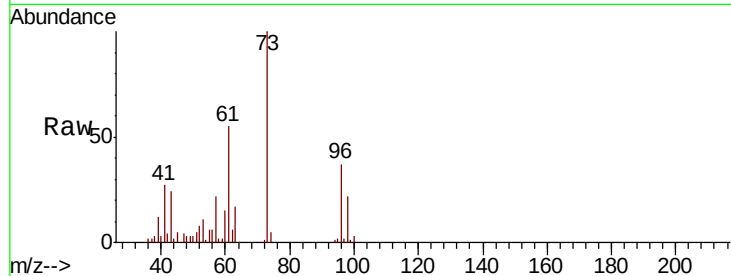
#21  
trans-1,2-Dichloroethene  
Concen: 18.926 ug/l  
RT: 5.01 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 149.6 | 126.7 | 190.1 |
| 98      | 61.1  | 52.0  | 78.0  |

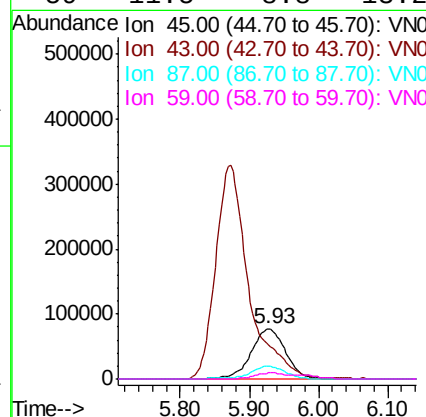
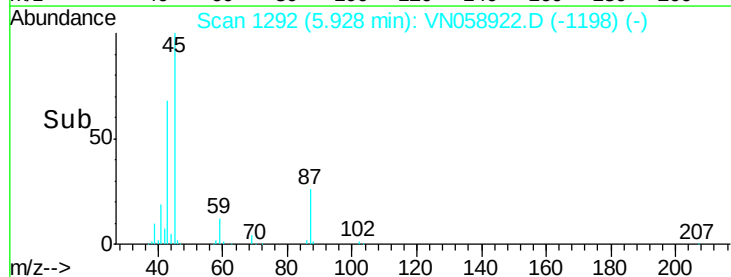
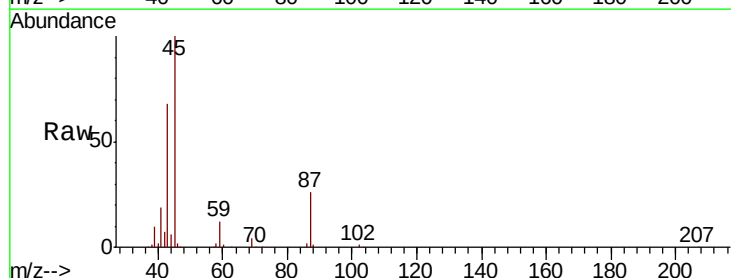
Manual Integrations  
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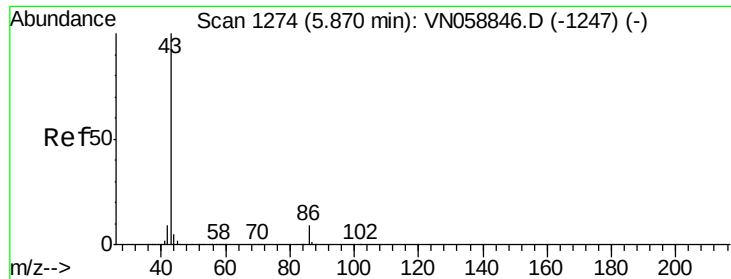


#22  
Diisopropyl ether  
Concen: 19.917 ug/l  
RT: 5.93 min Scan# 1292  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 66.1  | 52.9  | 79.3  |
| 87      | 25.6  | 20.2  | 30.4  |
| 59      | 11.5  | 8.8   | 13.2  |







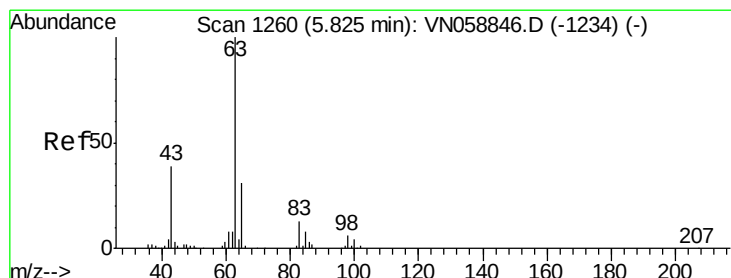
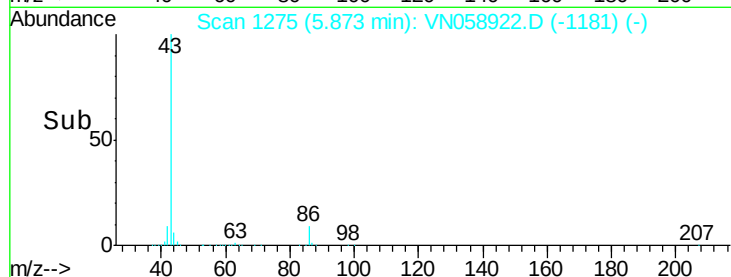
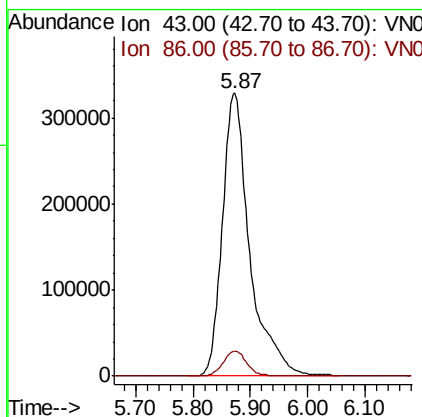
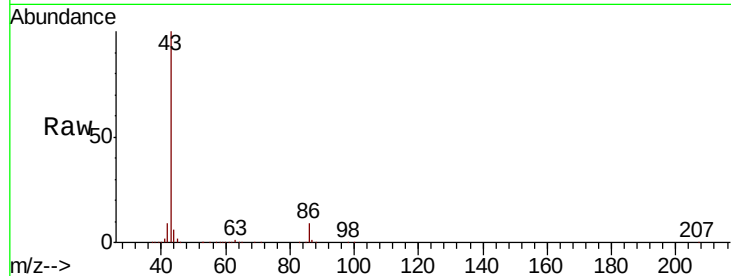
#23  
 Vinyl Acetate  
 Concen: 102.114 ug/l  
 RT: 5.87 min Scan# 1275  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1024WBS01

Tot Ion: 43 Resp: 1092505  
 Ion Ratio Lower Upper  
 43 100  
 86 8.9 7.2 10.8

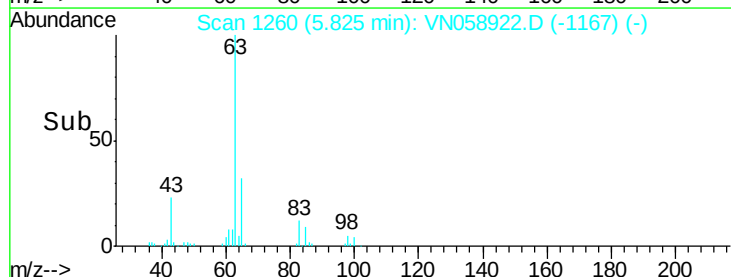
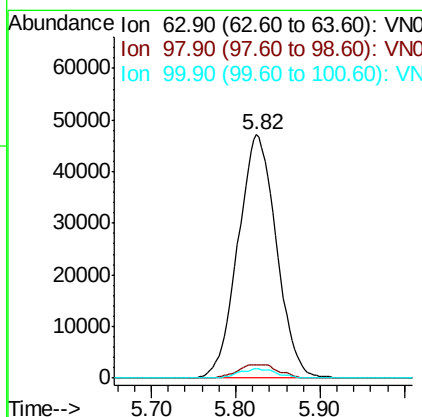
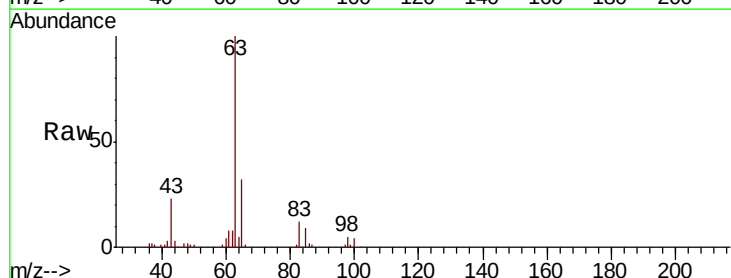
Manual Integrations  
 APPROVED

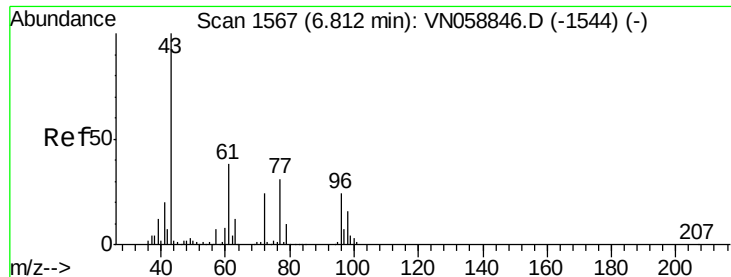
MMDadoda  
 10/25/2019 2:44:28 PM



#24  
 1,1-Dichloroethane  
 Concen: 19.321 ug/l  
 RT: 5.82 min Scan# 1260  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

Tgt Ion: 63 Resp: 149189  
 Ion Ratio Lower Upper  
 63 100  
 98 5.5 2.8 8.4  
 100 3.9 1.9 5.7





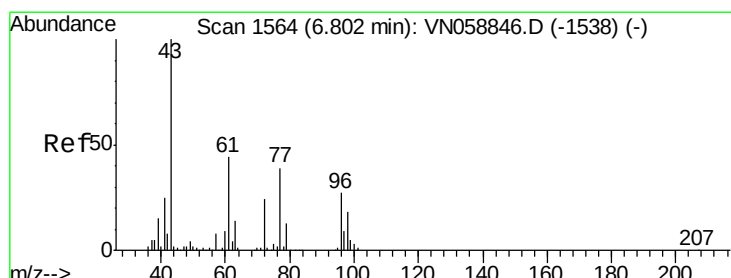
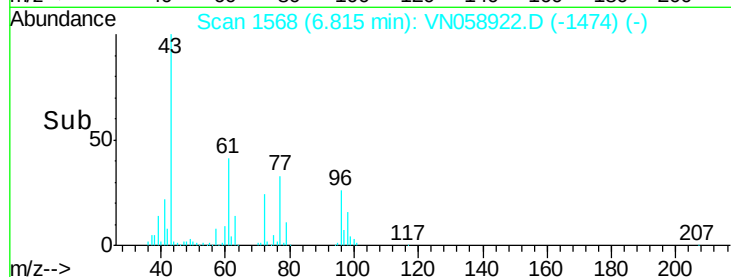
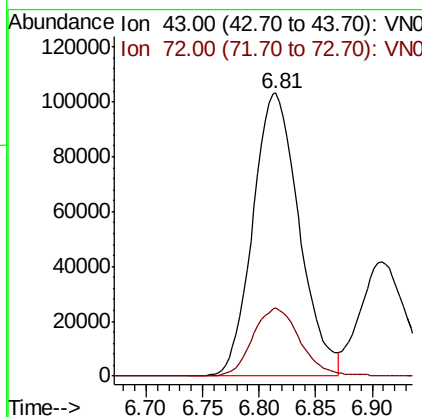
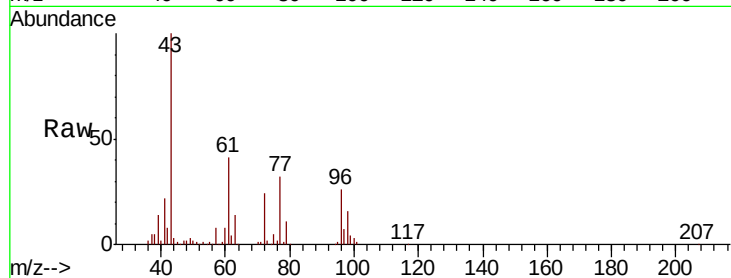
#25  
2-Butanone  
Concen: 91.018 ug/l  
RT: 6.81 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

Tot Ion: 43 Resp: 292242  
Ion Ratio Lower Upper  
43 100  
72 24.0 19.1 28.7

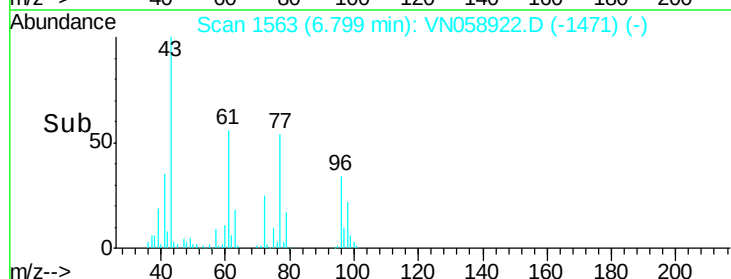
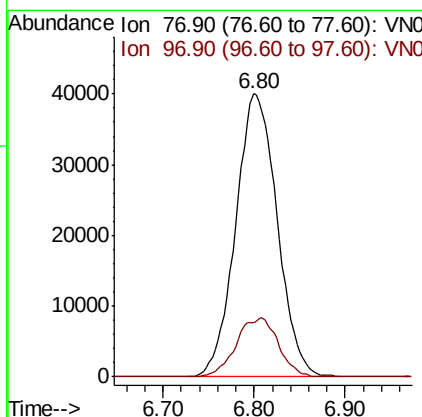
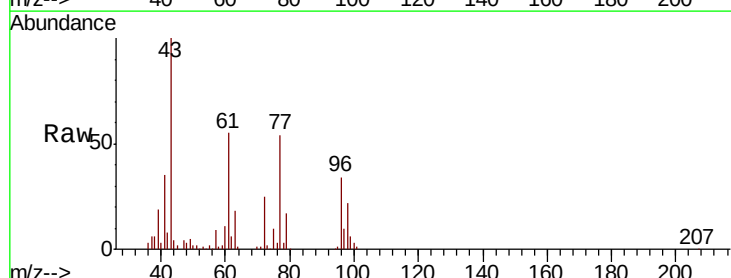
Manual Integrations  
APPROVED

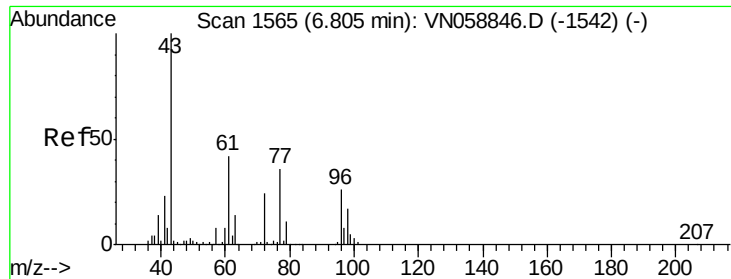
MMDadoda  
10/25/2019 2:44:28 PM



#26  
2,2-Dichloropropane  
Concen: 18.970 ug/l  
RT: 6.80 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Tgt Ion: 77 Resp: 126699  
Ion Ratio Lower Upper  
77 100  
97 21.1 10.6 31.8





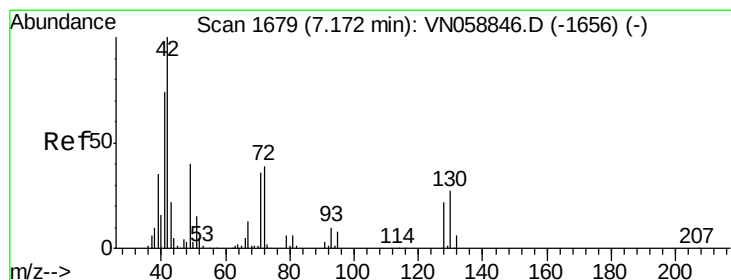
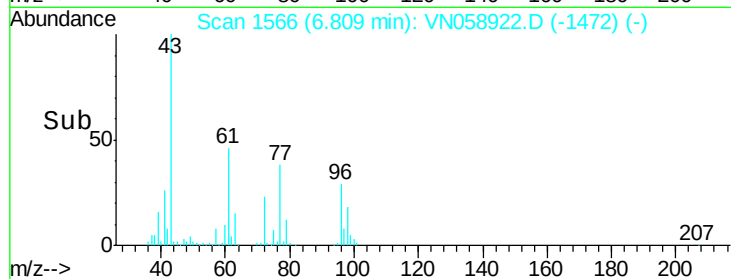
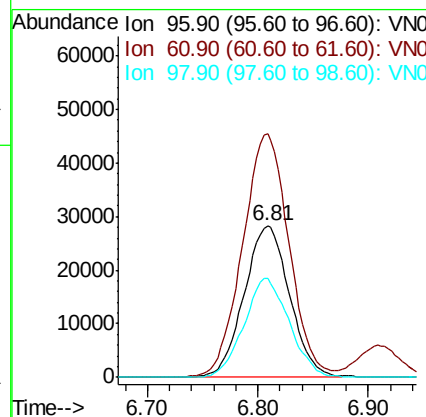
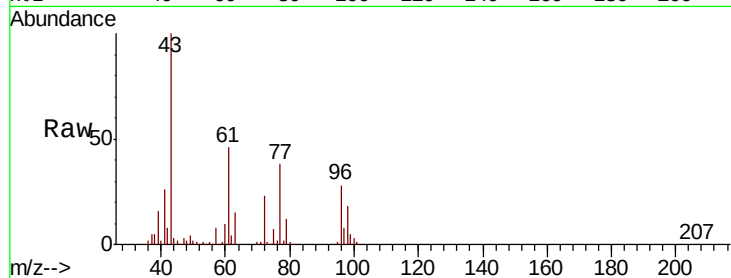
#27  
 cis-1,2-Dichloroethene  
 Concen: 19.015 ug/l  
 RT: 6.81 min Scan# 1566  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1024WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 164.4 | 0.0  | 325.0 |       |
| 98      | 64.9  | 0.0  | 128.0 |       |

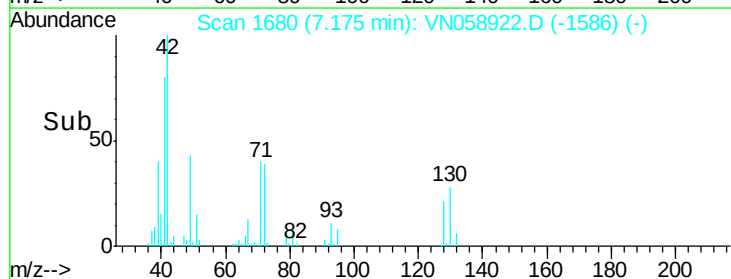
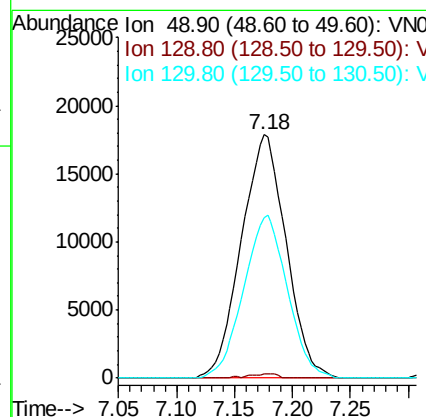
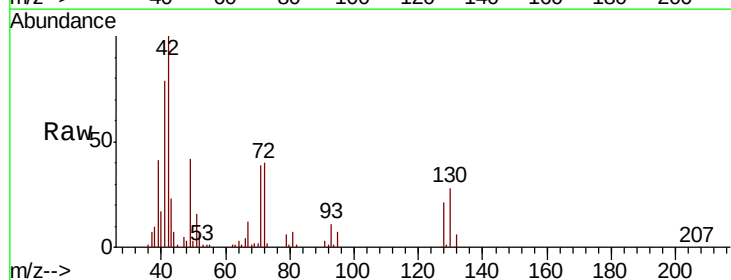
Manual Integrations  
 APPROVED

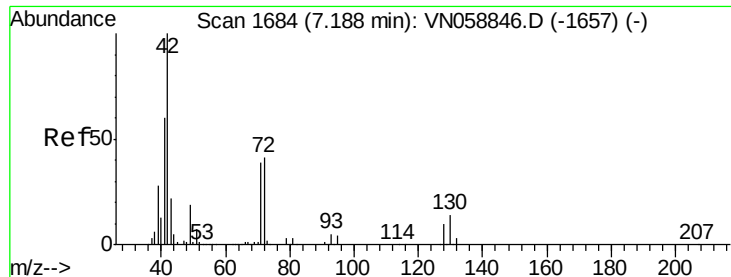
MMDadoda  
 10/25/2019 2:44:28 PM



#28  
 Bromochloromethane  
 Concen: 18.703 ug/l  
 RT: 7.18 min Scan# 1680  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 1.0   | 0.0  | 3.2   |       |
| 130     | 65.3  | 53.5 | 80.3  |       |





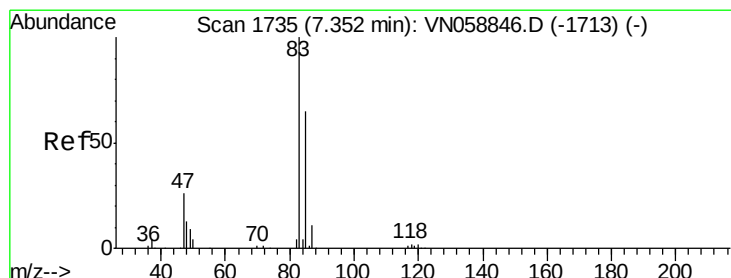
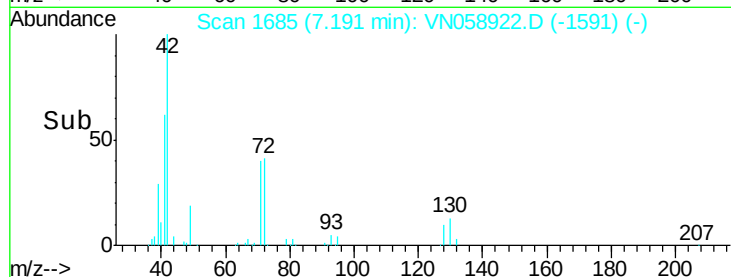
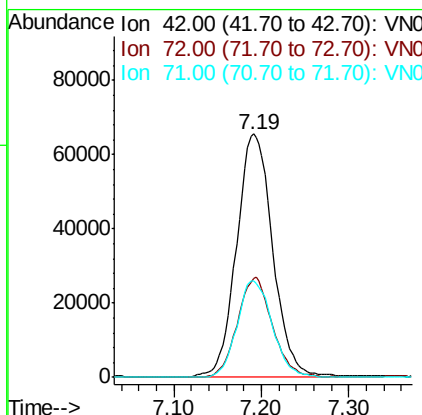
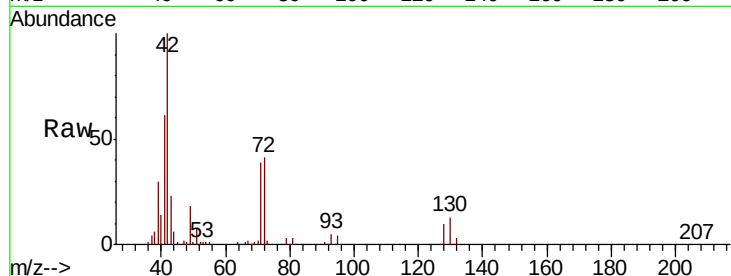
#29  
Tetrahydrofuran  
Concen: 95.056 ug/l  
RT: 7.19 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.9  | 32.2  | 48.2  |
| 71      | 39.0  | 30.6  | 45.8  |

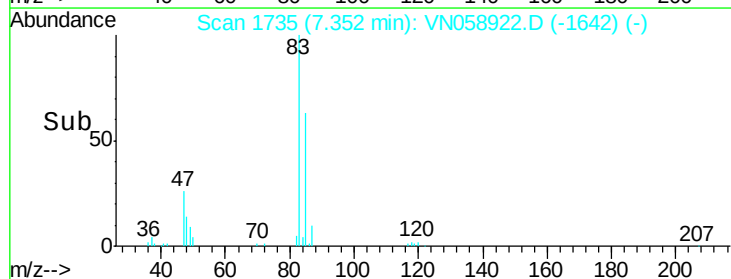
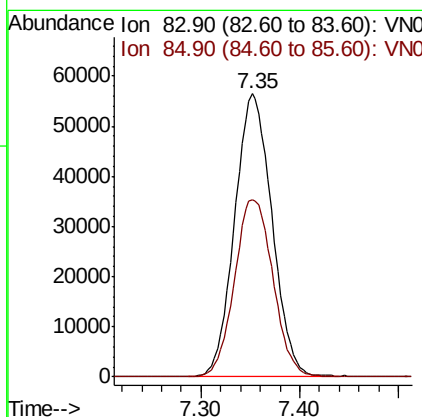
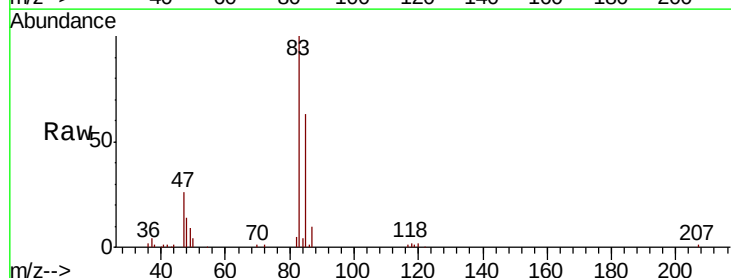
Manual Integrations  
APPROVED

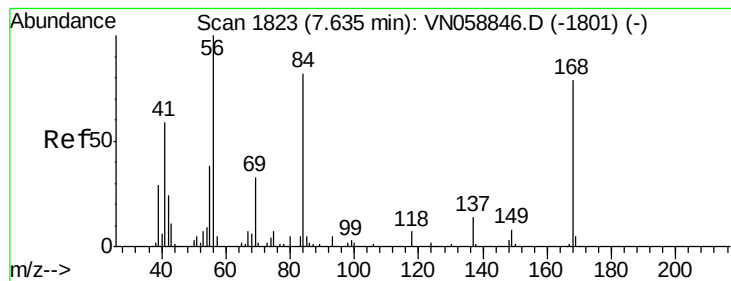
MMDadoda  
10/25/2019 2:44:28 PM



#30  
Chloroform  
Concen: 19.161 ug/l  
RT: 7.35 min Scan# 1735  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.6  | 51.9  | 77.9  |





#31

Cyclohexane

Concen: 17.959 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

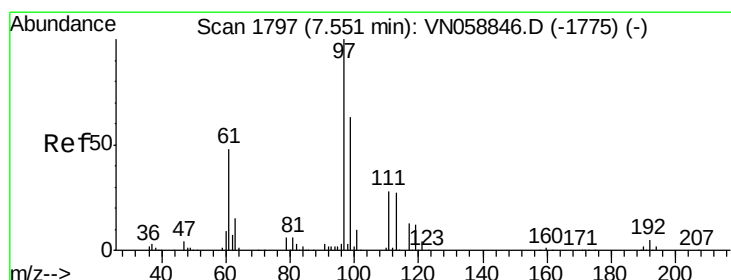
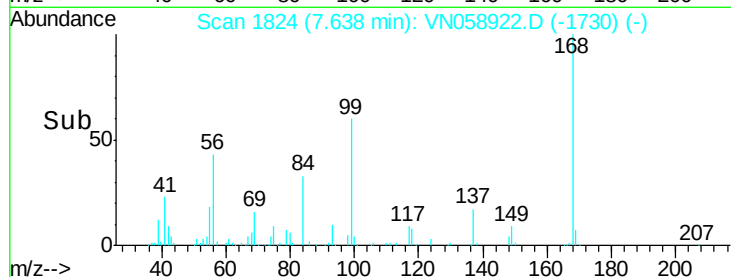
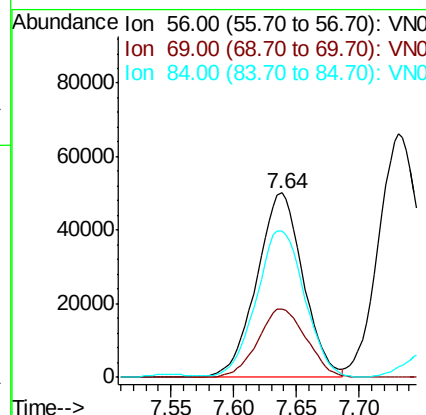
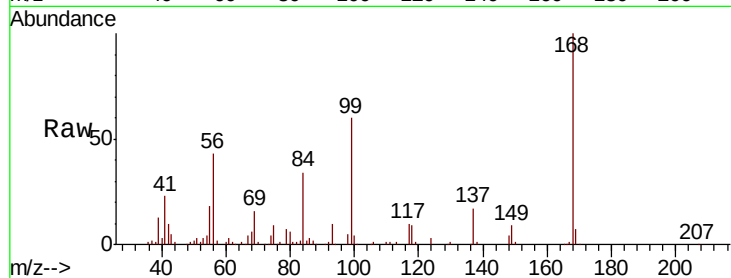
ClientSampleId :

VN1024WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 129184 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 37.2  | 26.2  | 39.4   |
| 84        | 77.9  | 65.6  | 98.4   |

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#32

1,1,1-Trichloroethane

Concen: 19.359 ug/l

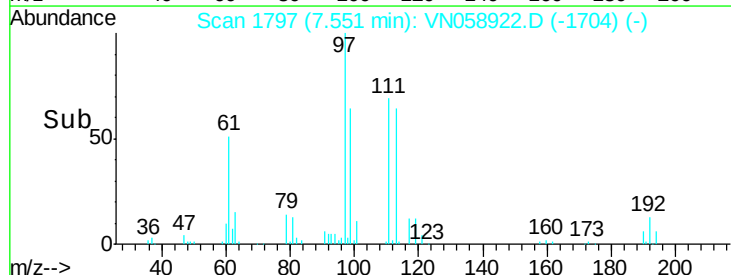
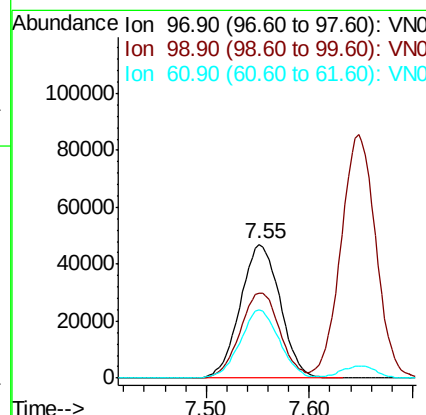
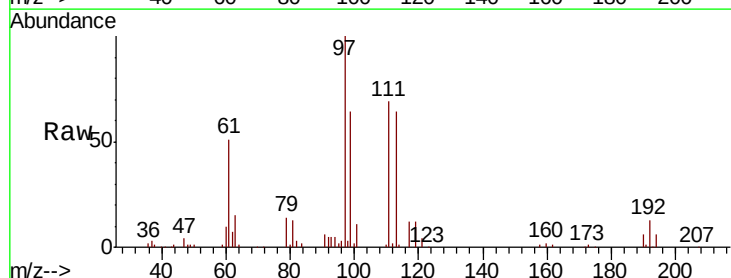
RT: 7.55 min Scan# 1797

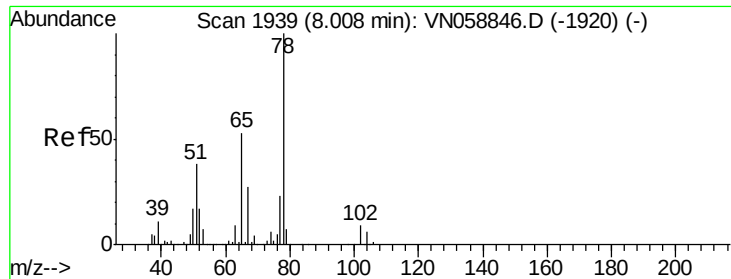
Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 126387 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 63.7  | 51.0  | 76.4   |
| 61        | 50.1  | 38.6  | 58.0   |





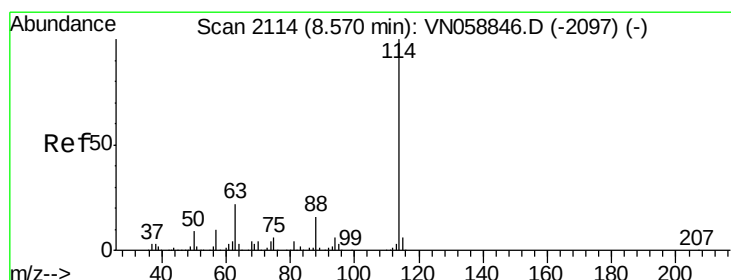
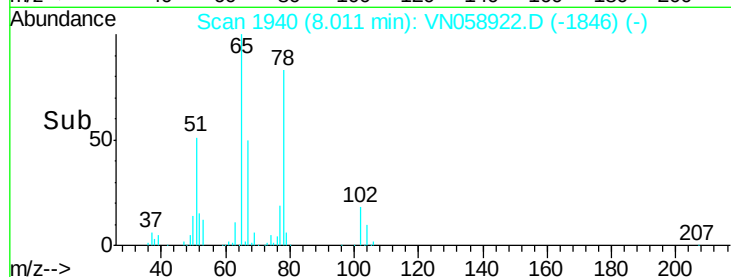
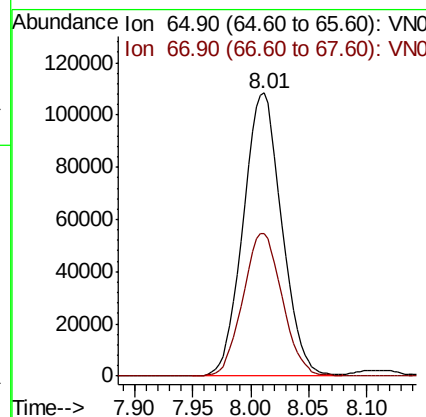
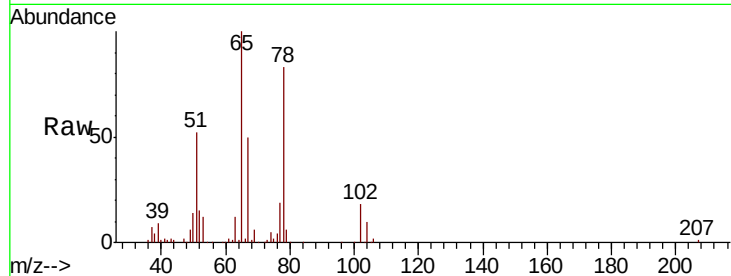
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.264 ug/l  
 RT: 8.01 min Scan# 1940  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1024WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 251599 |       |       |
| 67      | 51.2  | 0.0    | 103.2 |       |

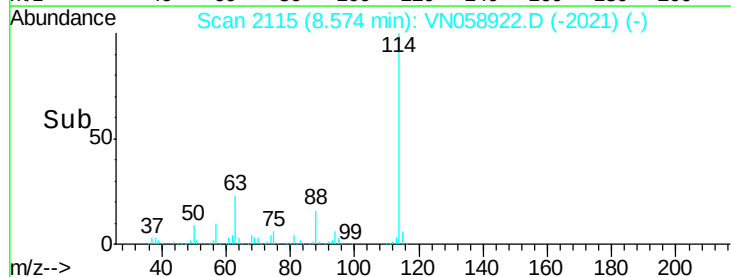
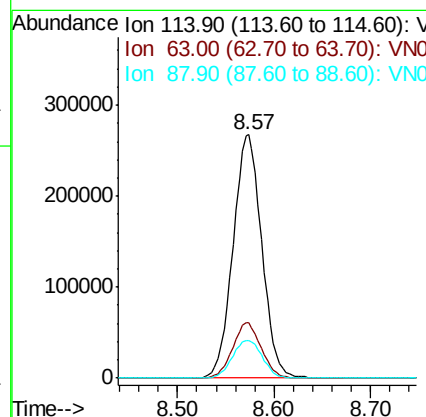
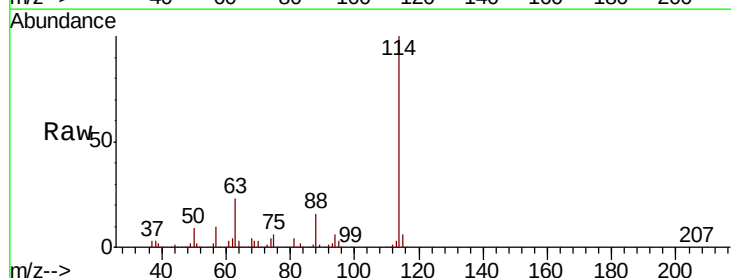
Manual Integrations  
 APPROVED

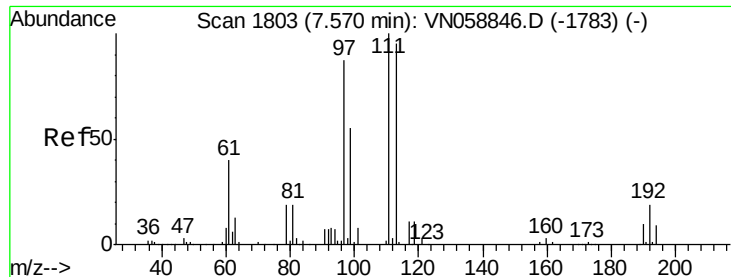
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2115  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 549891 |       |       |
| 63      | 22.5  | 0.0    | 44.4  |       |
| 88      | 15.6  | 0.0    | 31.4  |       |





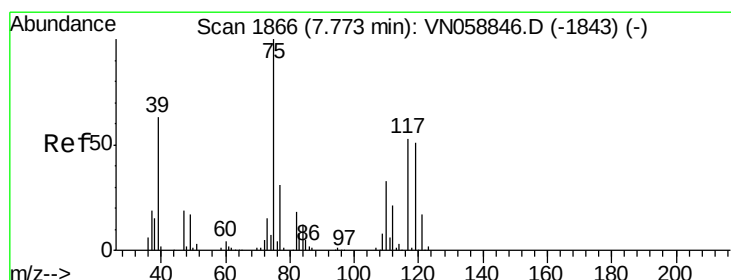
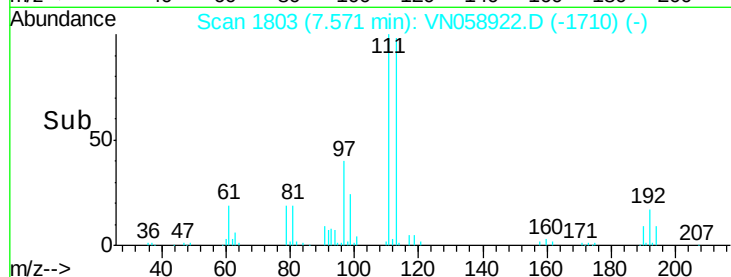
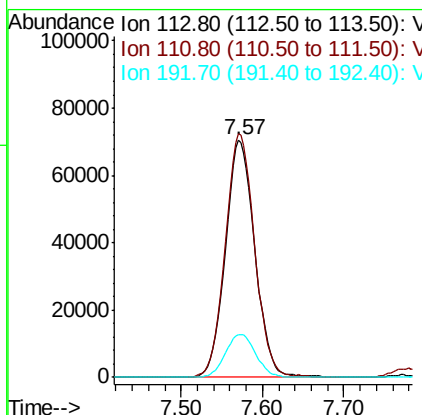
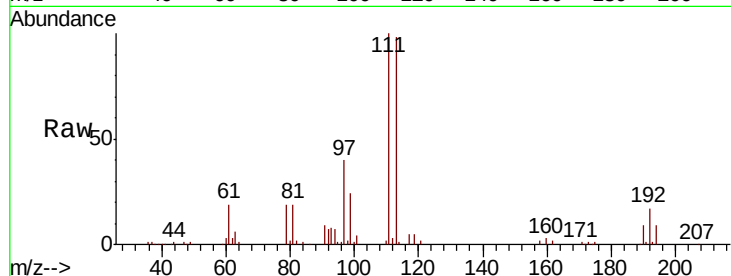
#35  
 Dibromofluoromethane  
 Concen: 49.325 ug/l  
 RT: 7.57 min Scan# 1803  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1024WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 178330 |       |       |
| 111     | 102.2 | 82.0   | 123.0 |       |
| 192     | 18.7  | 15.0   | 22.6  |       |

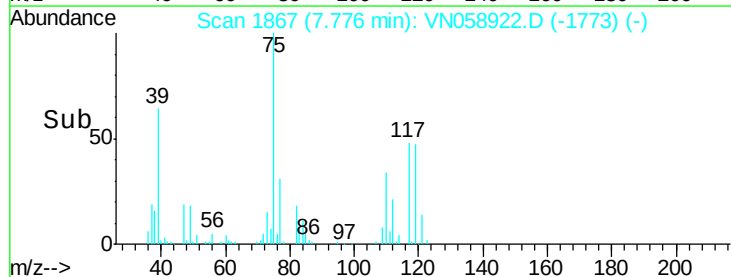
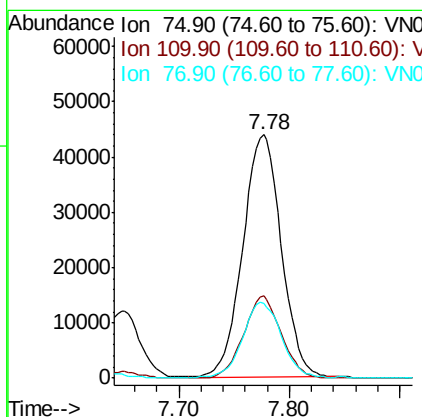
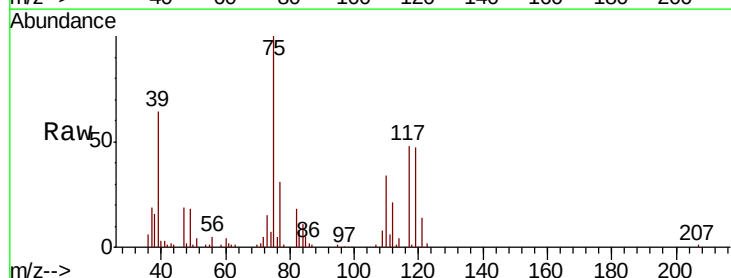
Manual Integrations  
 APPROVED

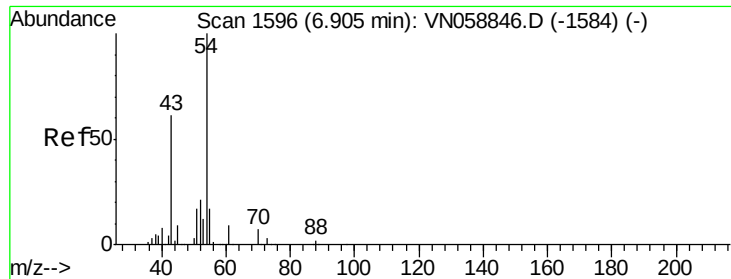
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#36  
 1,1-Dichloropropene  
 Concen: 18.827 ug/l  
 RT: 7.78 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 105991 |       |       |
| 110     | 32.8  | 16.3   | 48.9  |       |
| 77      | 31.5  | 24.6   | 36.8  |       |





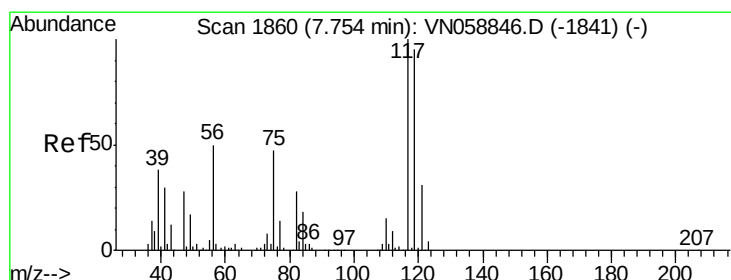
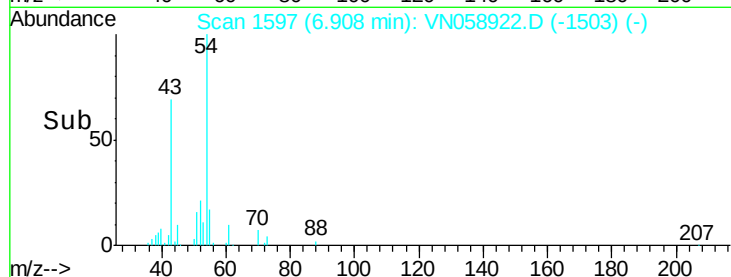
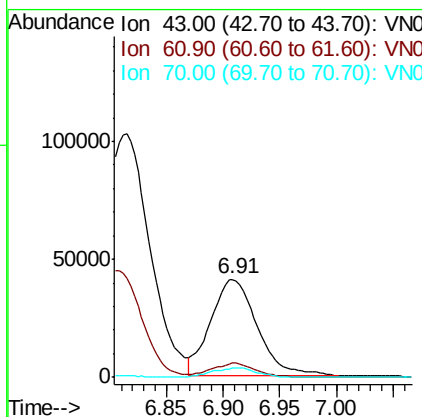
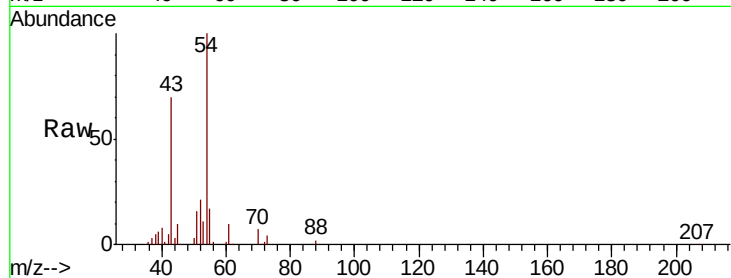
#37  
Ethyl Acetate  
Concen: 19.048 ug/l  
RT: 6.91 min Scan# 1597  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.4  | 10.5  | 15.7  |
| 70      | 9.5   | 7.6   | 11.4  |

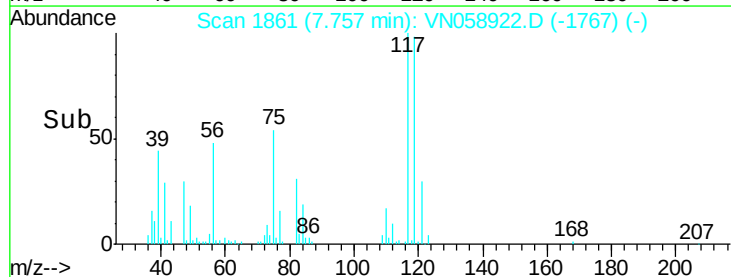
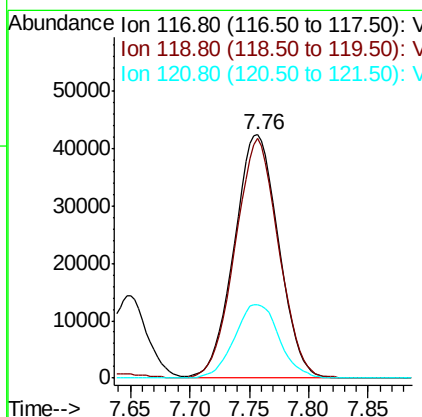
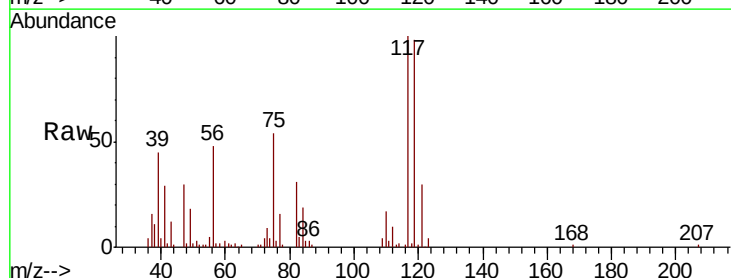
Manual Integrations  
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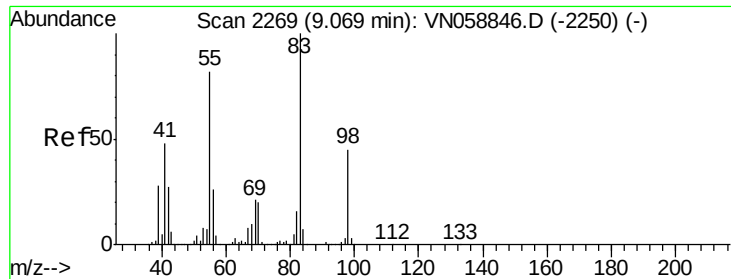


#38  
Carbon Tetrachloride  
Concen: 18.922 ug/l  
RT: 7.76 min Scan# 1861  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.2  | 75.7  | 113.5 |
| 121     | 30.2  | 25.0  | 37.6  |







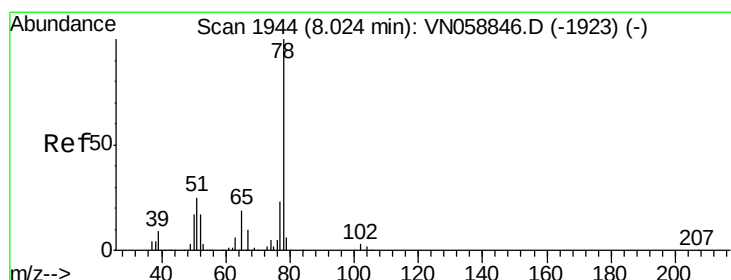
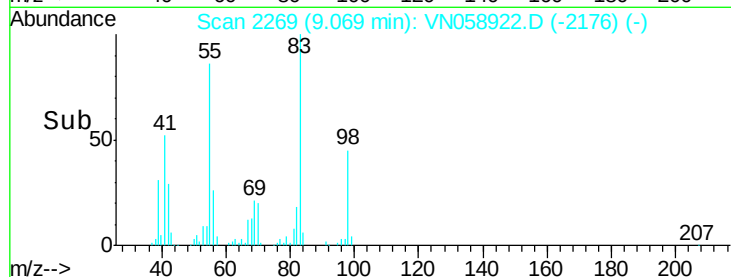
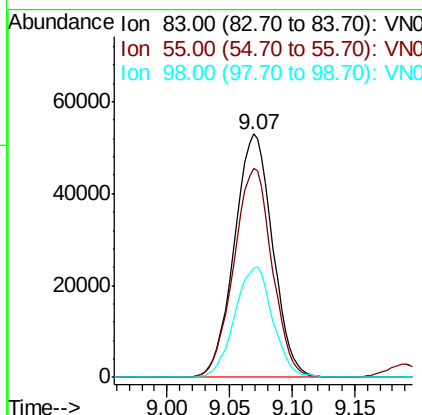
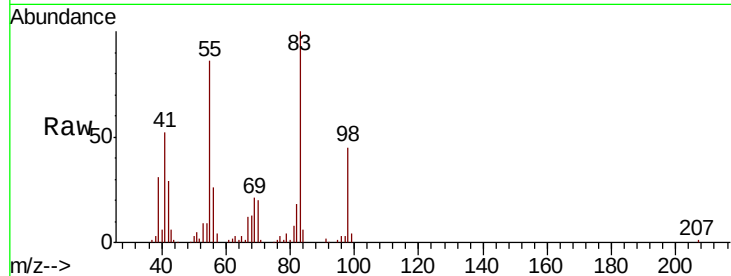
#39  
Methylvlcyclohexane  
Concen: 17.774 ug/l  
RT: 9.07 min Scan# 2269  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 85.8  | 65.5  | 98.3  |
| 98      | 44.6  | 35.7  | 53.5  |

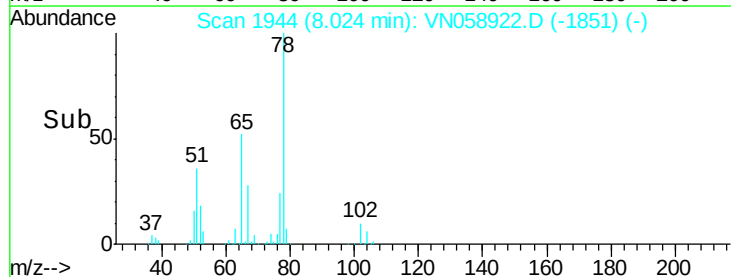
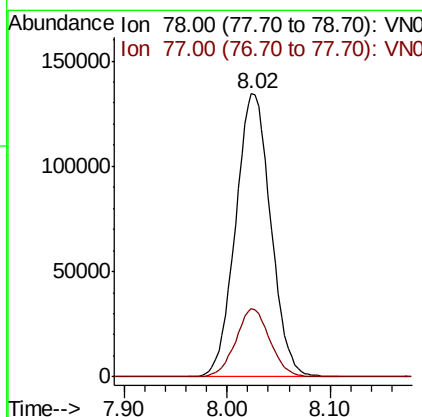
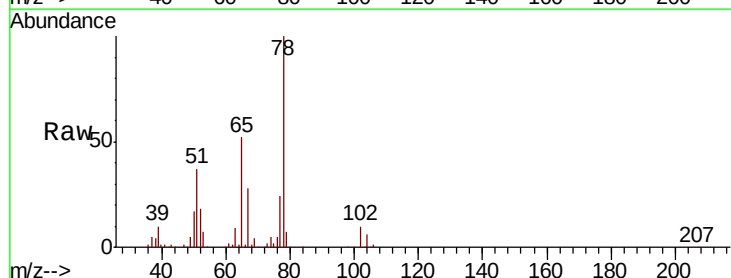
Manual Integrations  
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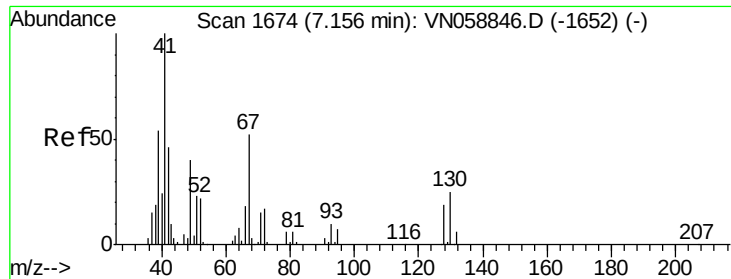
MMDadoda  
10/25/2019 2:44:28 PM



#40  
Benzene  
Concen: 19.284 ug/l  
RT: 8.02 min Scan# 1944  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.2  | 18.2  | 27.2  |





#41

Methacrylonitrile

Concen: 18.083 ug/l m

RT: 7.16 min Scan# 1675

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

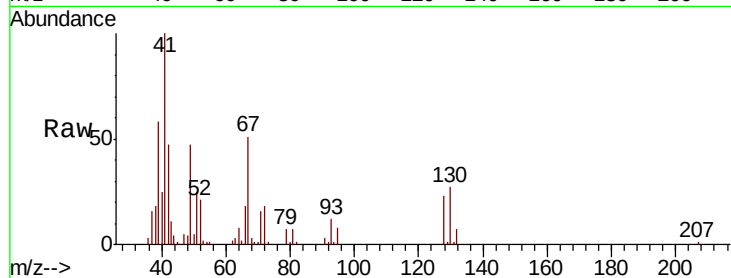
ClientSampleId :

VN1024WBS01

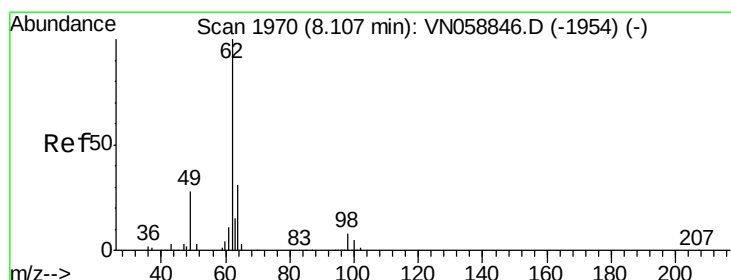
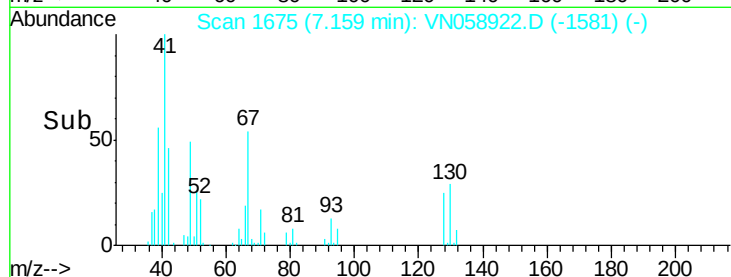
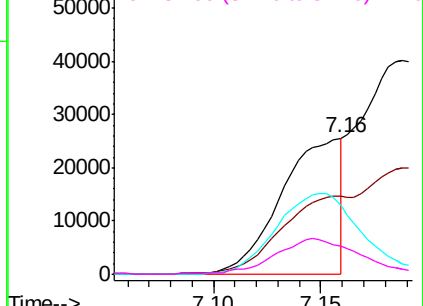
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 0.0   | 0.0   | 0.0   |
| 67      | 0.0   | 0.0   | 0.0   |
| 52      | 0.0   | 0.0   | 0.0   |

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Abundance Ion 41.00 (40.70 to 41.70): VN058846.D (-1652) (-)



#42

1,2-Dichloroethane

Concen: 19.471 ug/l

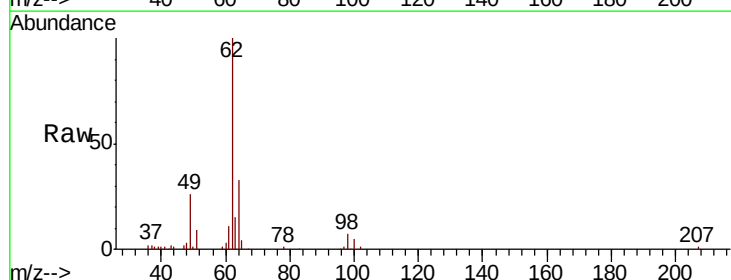
RT: 8.11 min Scan# 1970

Delta R.T. 0.00 min

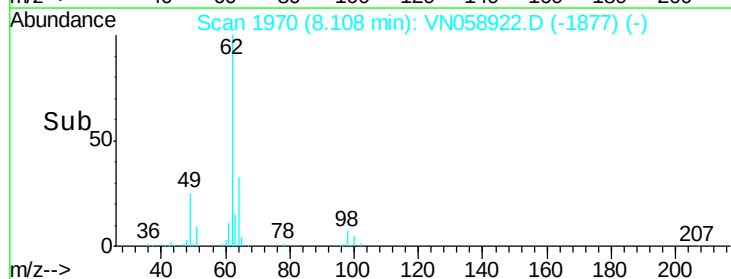
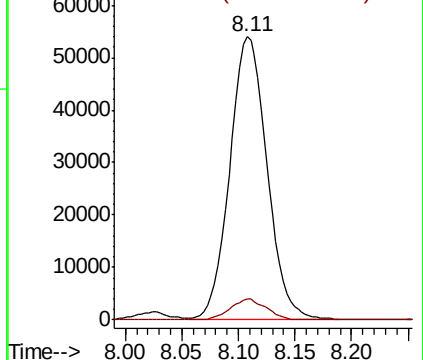
Lab File: VN058922.D

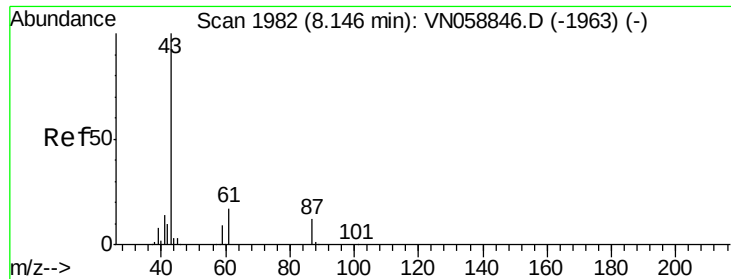
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 7.1   | 0.0   | 16.2  |



Abundance Ion 61.90 (61.60 to 62.60): VN058846.D (-1954) (-)





#43

Isopropyl Acetate

Concen: 18.807 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

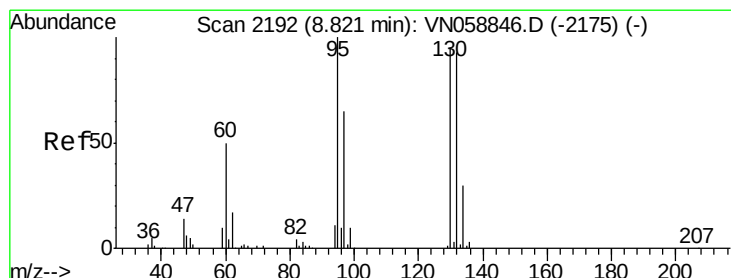
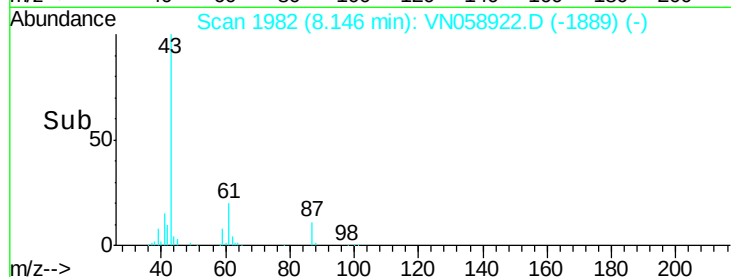
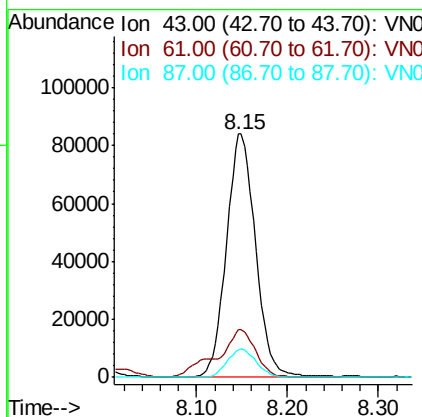
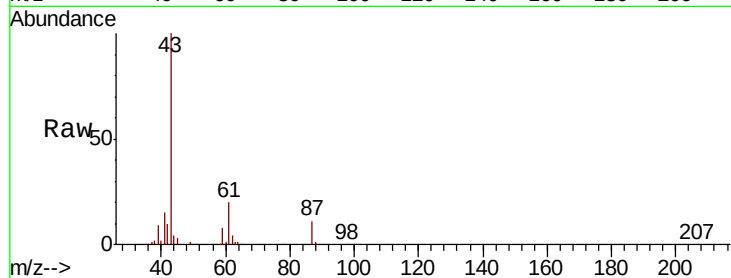
ClientSampleId :

VN1024WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 43   | Resp: | 185025 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 61        | 19.3 | 20.2  | 30.2#  |
| 87        | 11.5 | 9.5   | 14.3   |

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#44

Trichloroethene

Concen: 19.308 ug/l

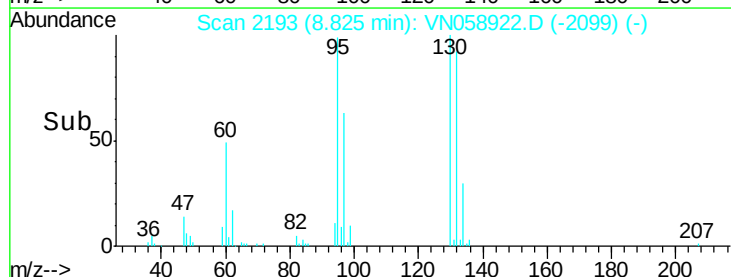
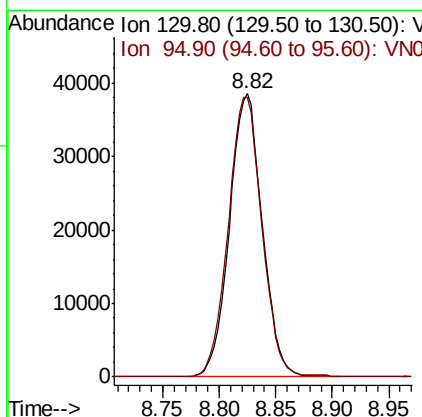
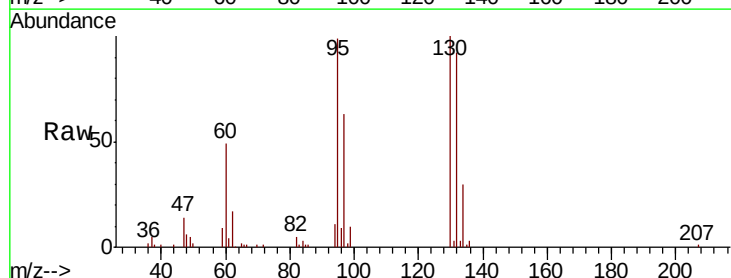
RT: 8.82 min Scan# 2193

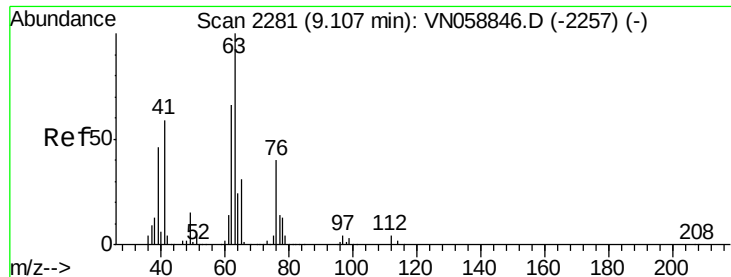
Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 130  | Resp: | 77755 |
| Ion Ratio |      | Lower | Upper |
| 130       | 100  |       |       |
| 95        | 98.6 | 0.0   | 209.6 |





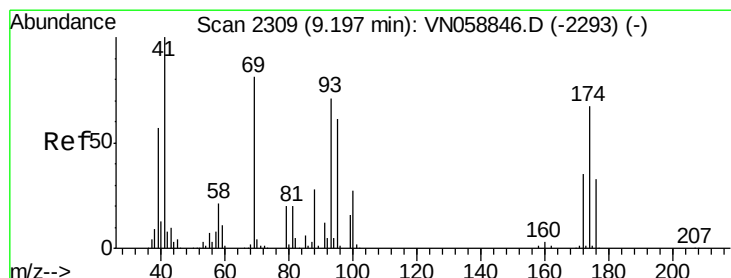
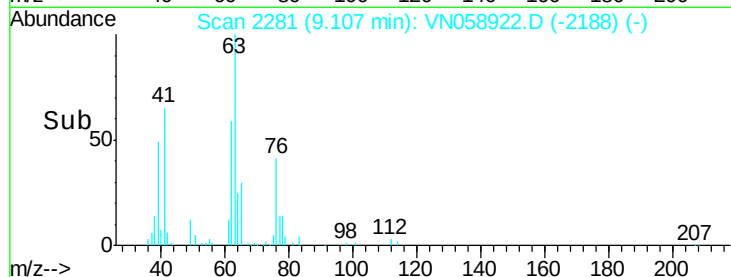
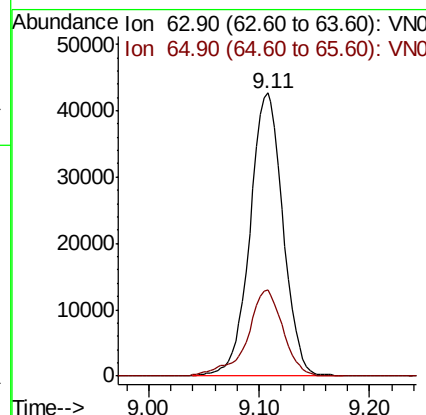
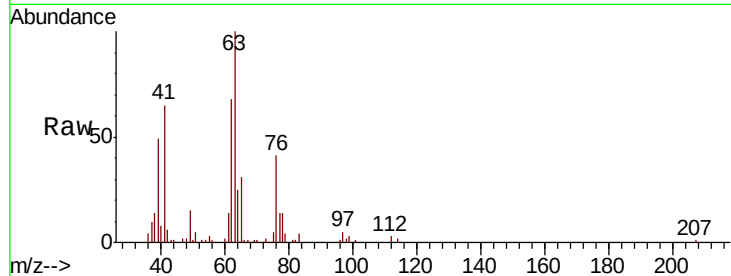
#45  
 1,2-Dichloropropane  
 Concen: 19.489 ug/l  
 RT: 9.11 min Scan# 2281  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1024WBS01

| Tot Ion   | 63    | Resp  | 88346 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 65        | 30.6  | 24.5  | 36.7  |

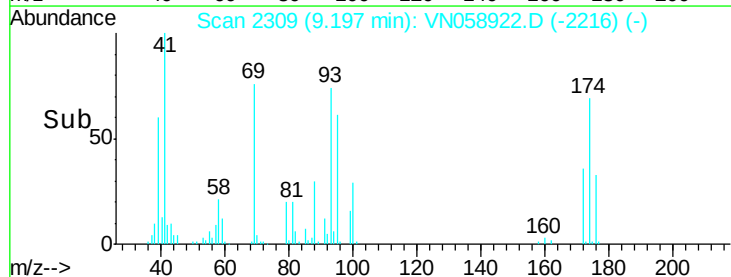
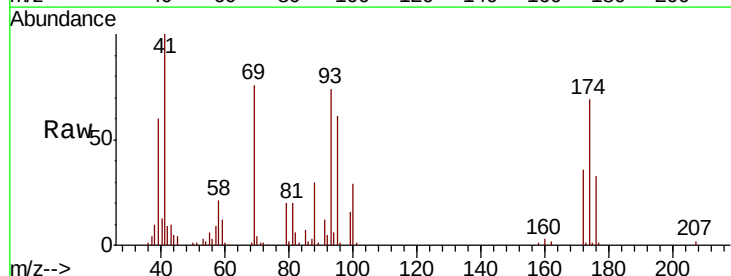
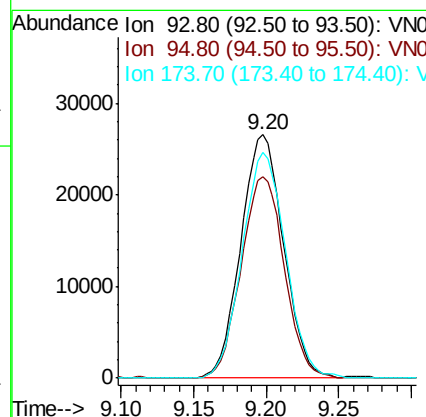
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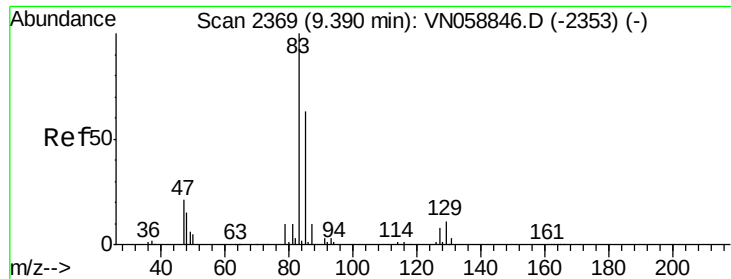
MMDadoda  
 10/25/2019 2:44:28 PM



#46  
 Dibromomethane  
 Concen: 19.047 ug/l  
 RT: 9.20 min Scan# 2309  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

| Tgt Ion   | 93    | Resp  | 54585 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 95        | 83.4  | 67.6  | 101.4 |
| 174       | 93.9  | 74.1  | 111.1 |





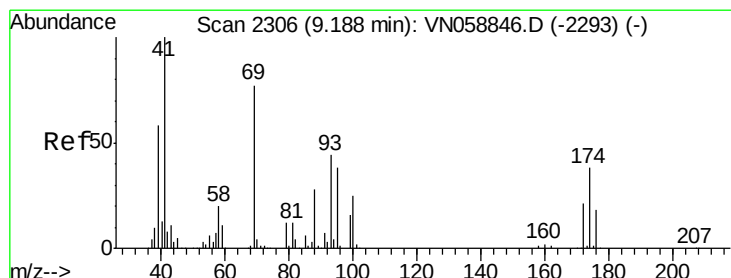
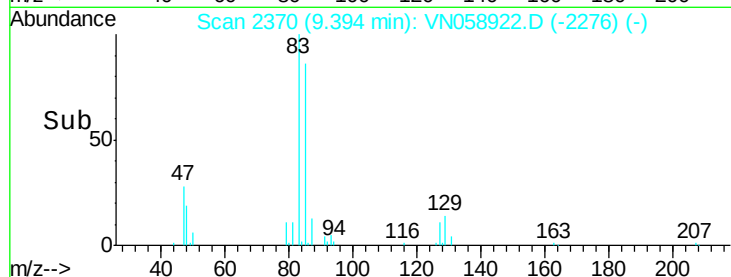
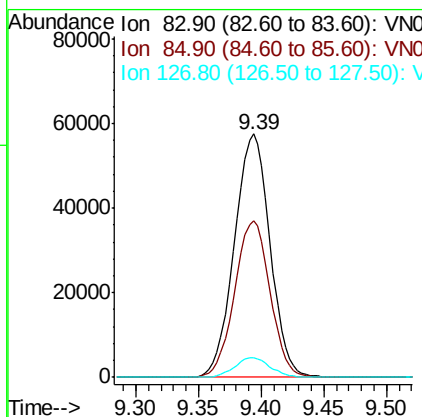
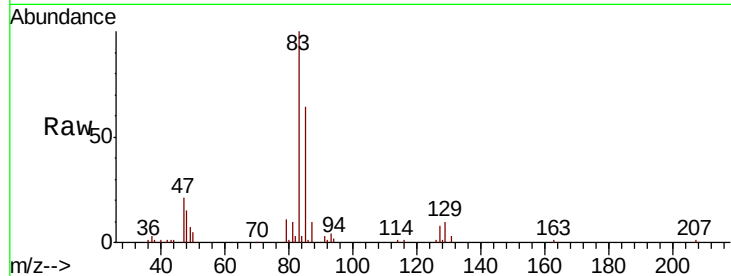
#47  
Bromodichloromethane  
Concen: 19.248 ug/l  
RT: 9.39 min Scan# 2370  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion   | 83   | Resp | 113692 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| 85        | 64.4 | 50.6 | 75.8   |
| 127       | 8.1  | 6.5  | 9.7    |

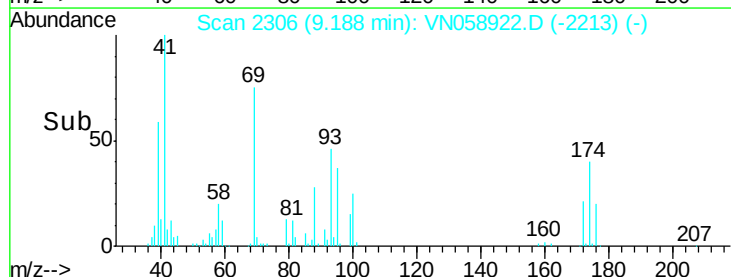
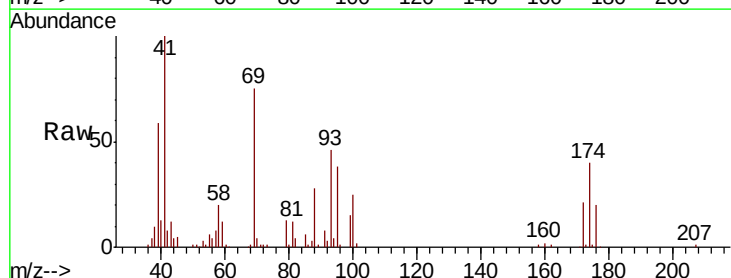
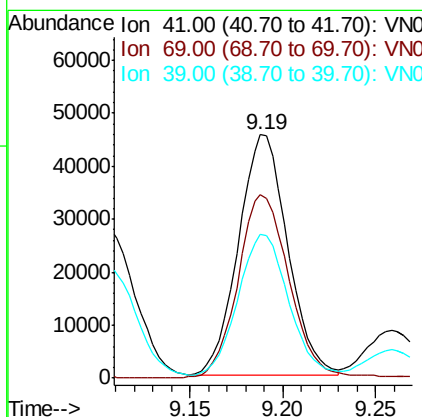
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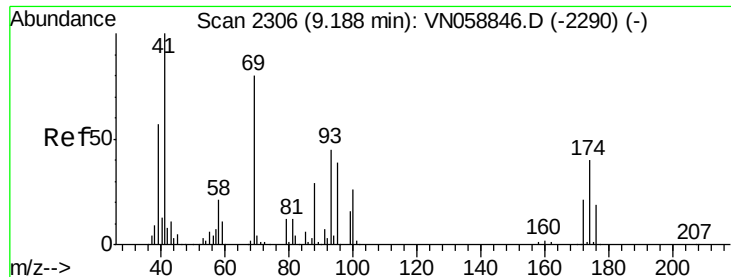
MMDadoda  
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#48  
Methyl methacrylate  
Concen: 18.848 ug/l  
RT: 9.19 min Scan# 2306  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion   | 41   | Resp | 84130 |
|-----------|------|------|-------|
| Ion Ratio | 100  |      |       |
| 69        | 80.0 | 63.8 | 95.6  |
| 39        | 61.9 | 47.8 | 71.8  |





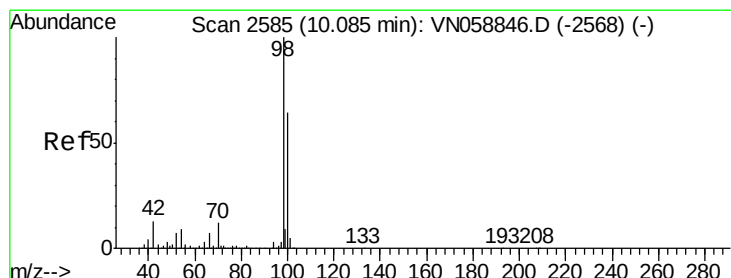
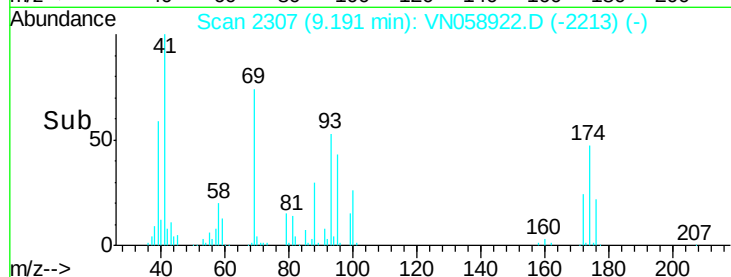
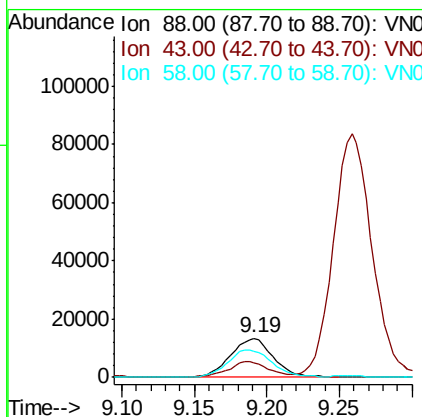
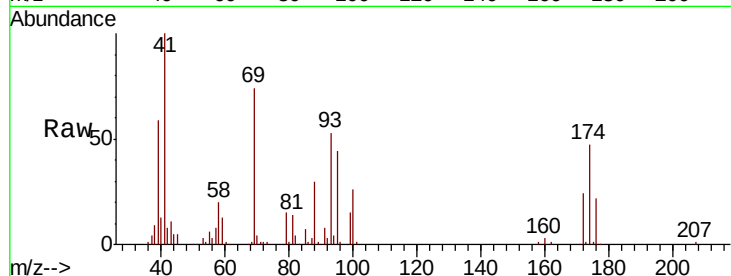
#49  
1,4-Dioxane  
Concen: 372.911 ug/l  
RT: 9.19 min Scan# 2307  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 38.9  | 29.1  | 43.7  |
| 58      | 74.5  | 59.4  | 89.0  |

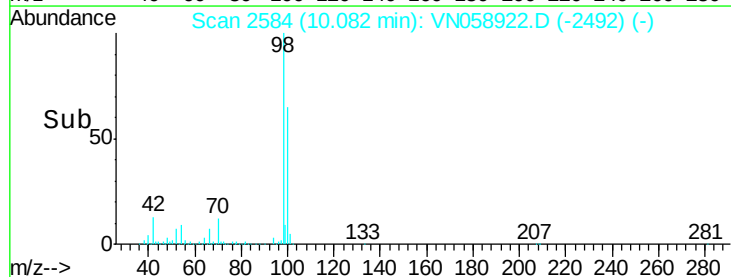
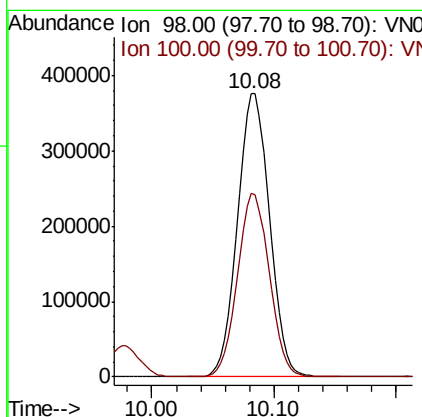
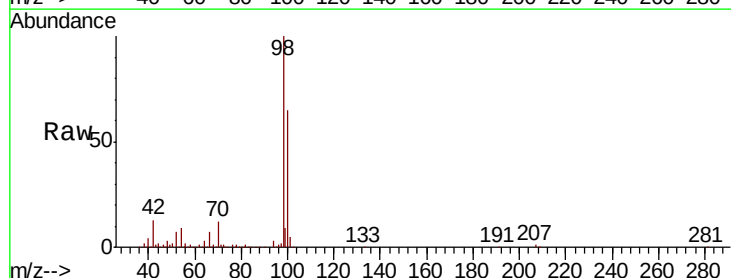
Manual Integrations  
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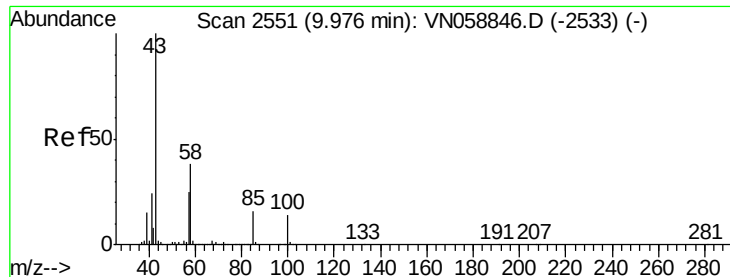
MMDadoda  
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#50  
Toluene-d8  
Concen: 48.652 ug/l  
RT: 10.08 min Scan# 2584  
Delta R.T. -0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.5  | 51.4  | 77.2  |





#51

4-Methyl-2-Pentanone

Concen: 102.855 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1024WBS01

Tot Ion: 43 Resp: 591037

Ion Ratio Lower Upper

43 100

58 36.6

29.9

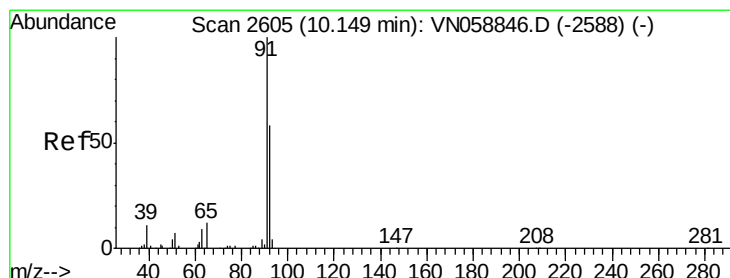
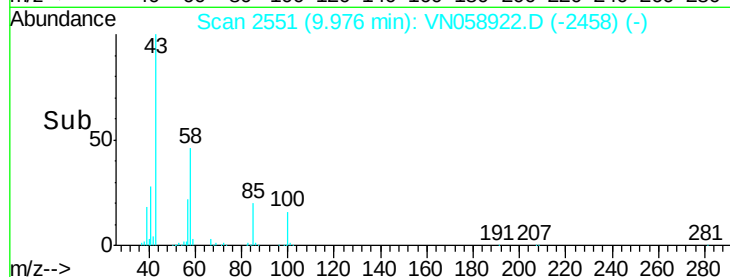
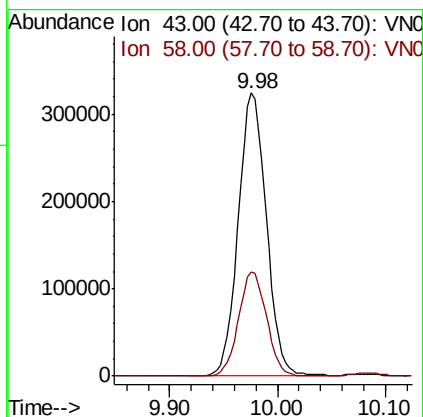
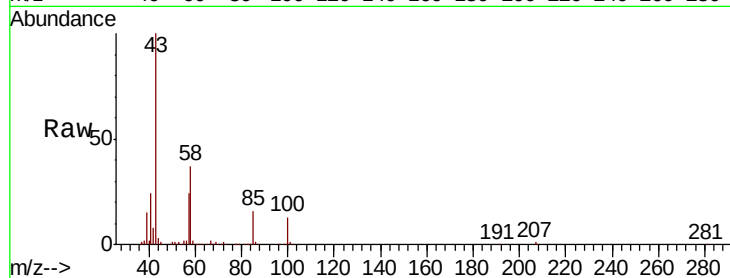
44.9

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#52

Toluene

Concen: 19.689 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Tgt Ion: 92 Resp: 193019

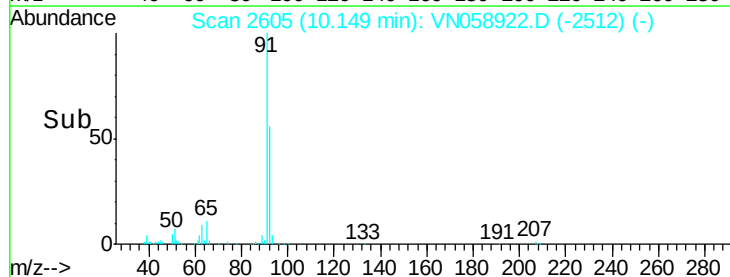
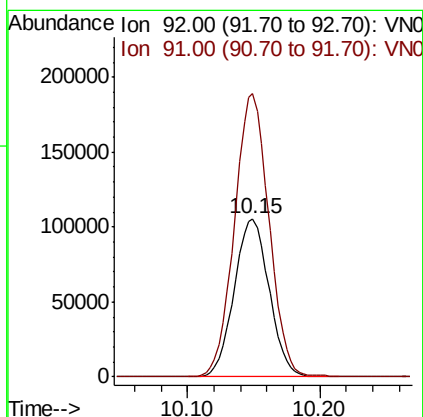
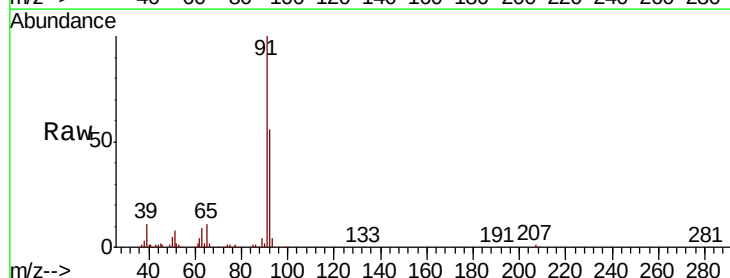
Ion Ratio Lower Upper

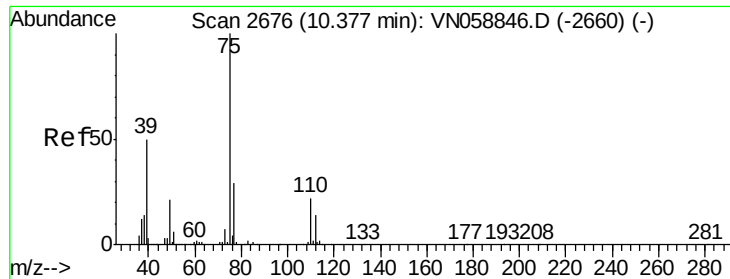
92 100

91 177.5

138.9

208.3





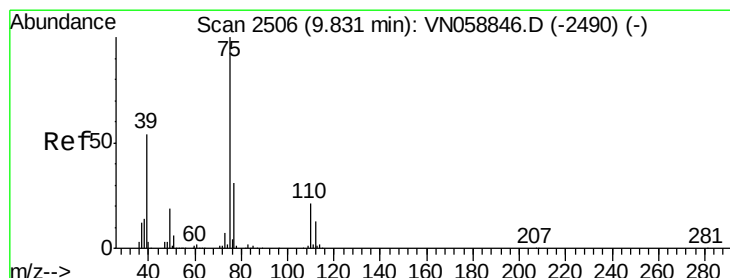
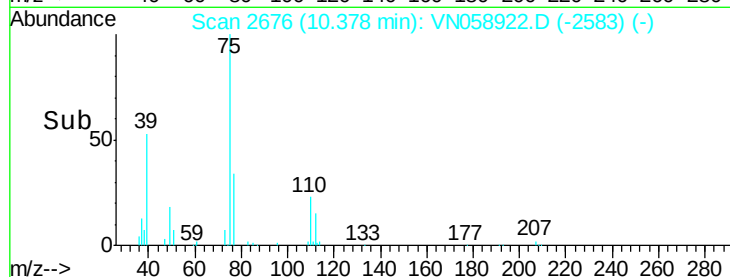
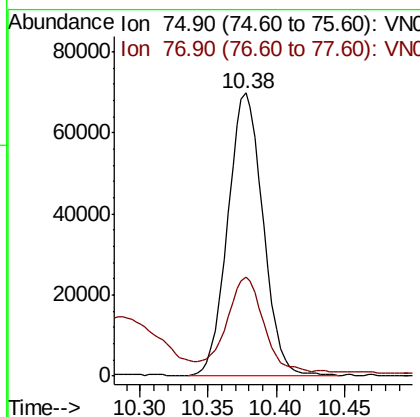
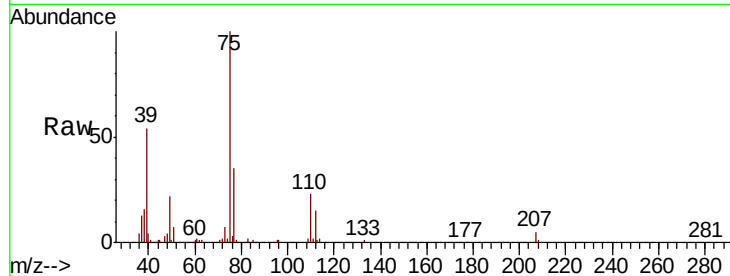
#53  
t-1,3-Dichloropropene  
Concen: 18.930 ug/l  
RT: 10.38 min Scan# 2676  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.3  | 25.7  | 38.5  |

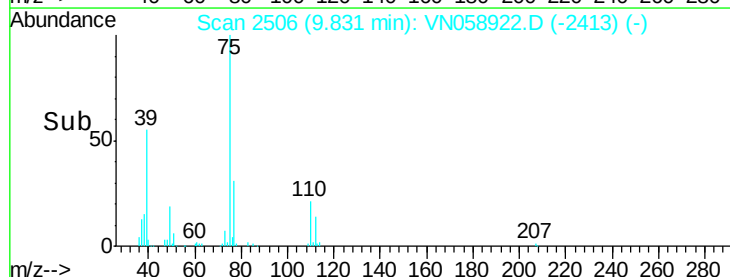
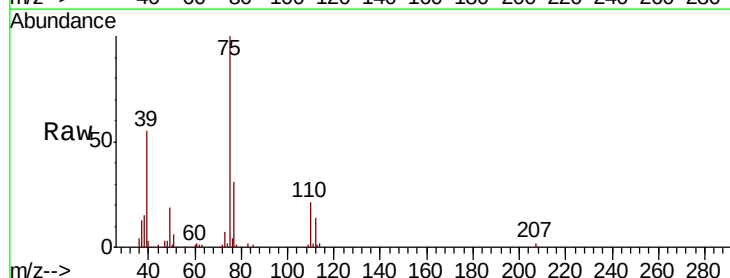
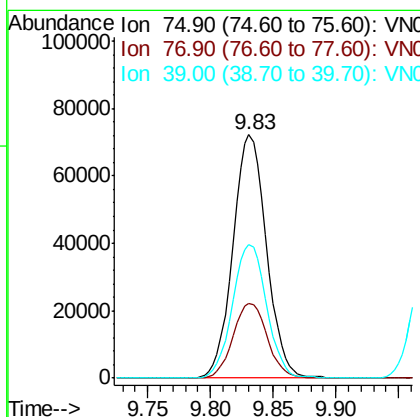
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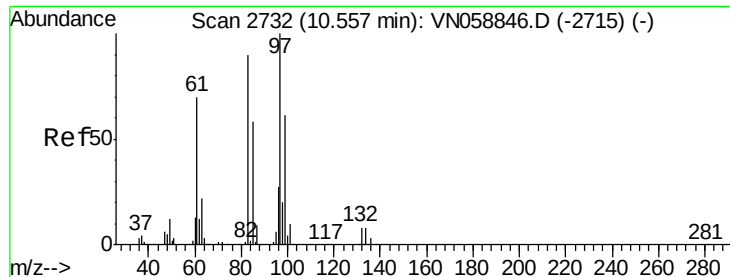


#54  
cis-1,3-Dichloropropene  
Concen: 19.230 ug/l  
RT: 9.83 min Scan# 2506  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.8  | 24.7  | 37.1  |
| 39      | 54.9  | 43.5  | 65.3  |







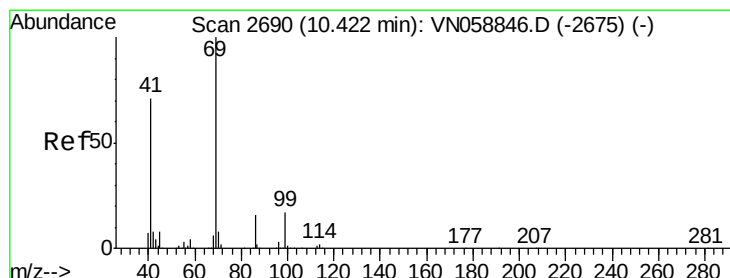
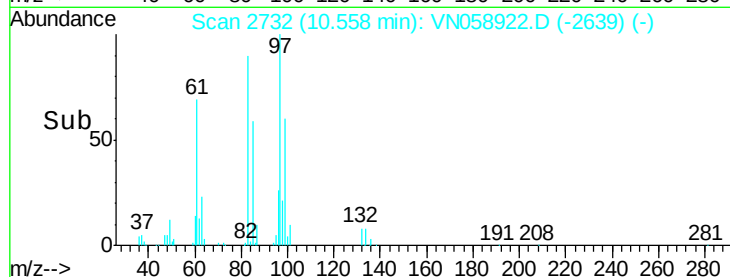
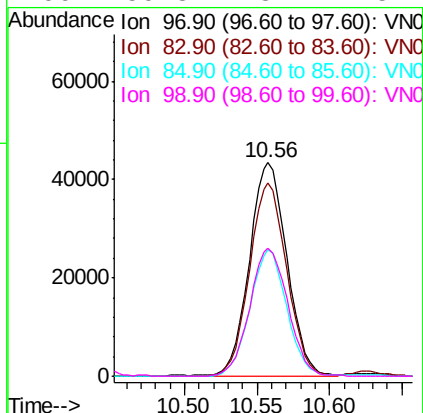
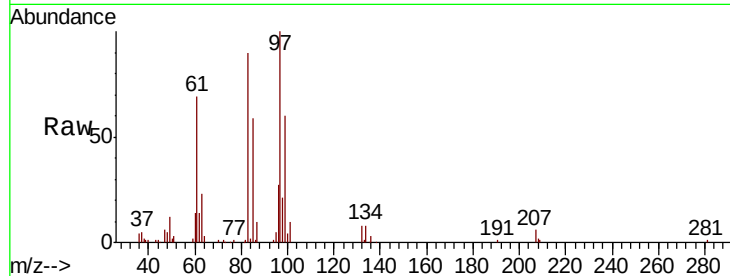
#55  
 1,1,2-Trichloroethane  
 Concen: 19.459 ug/l  
 RT: 10.56 min Scan# 2732  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1024WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 78587 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.4  | 72.2  | 108.4 |
| 85       | 59.4  | 46.2  | 69.2  |
| 99       | 59.8  | 48.7  | 73.1  |

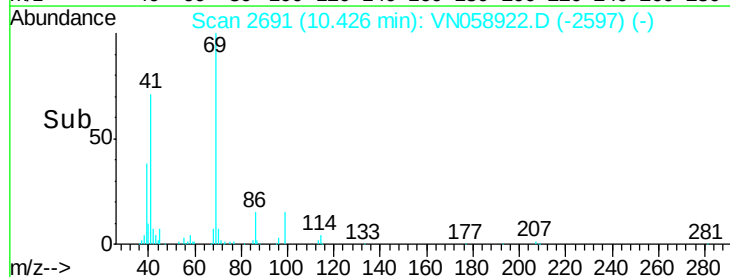
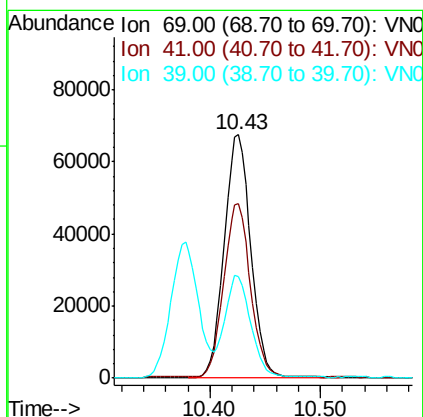
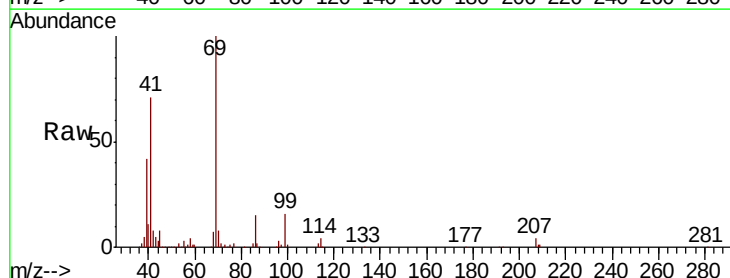
Manual Integrations  
 APPROVED

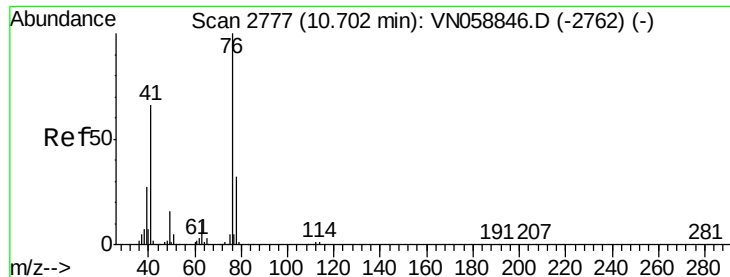
MMDadoda  
 10/25/2019 2:44:28 PM



#56  
 Ethyl methacrylate  
 Concen: 18.128 ug/l  
 RT: 10.43 min Scan# 2691  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 113514 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 71.1  | 57.2  | 85.8   |
| 39       | 40.0  | 31.0  | 46.4   |





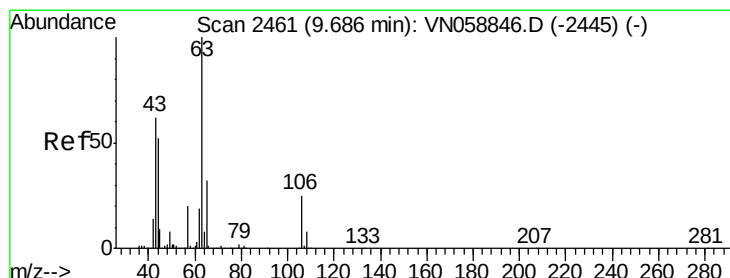
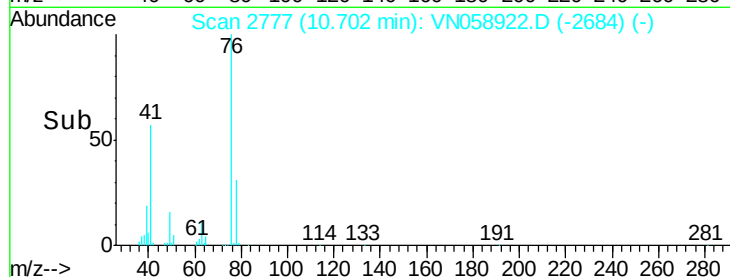
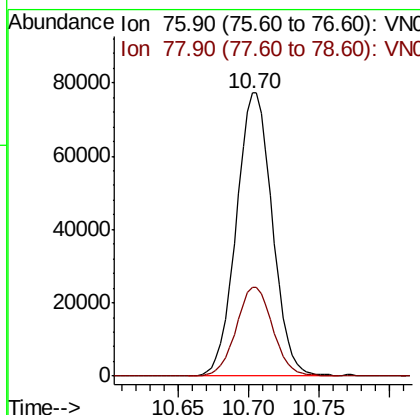
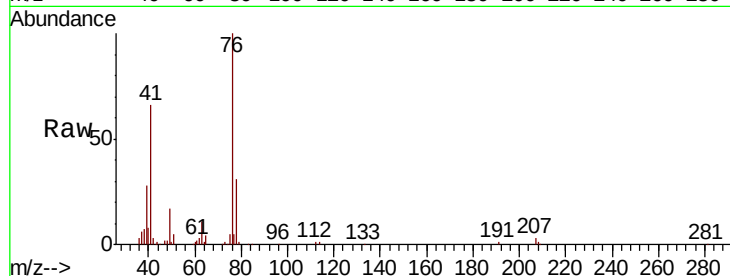
#57  
 1,3-Dichloropropane  
 Concen: 19.517 ug/l  
 RT: 10.70 min Scan# 2777  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.2  | 25.4  | 38.0  |

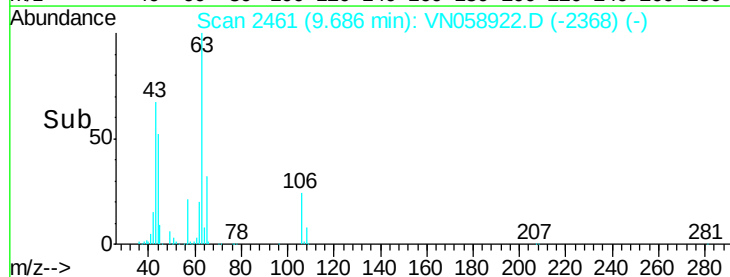
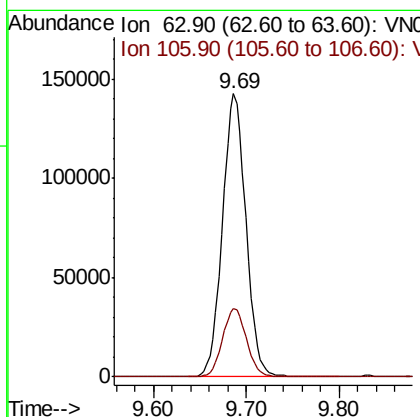
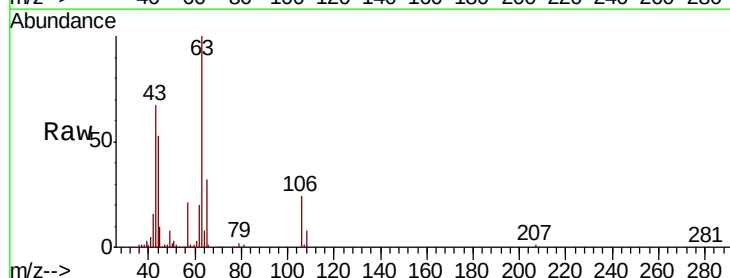
Manual Integrations  
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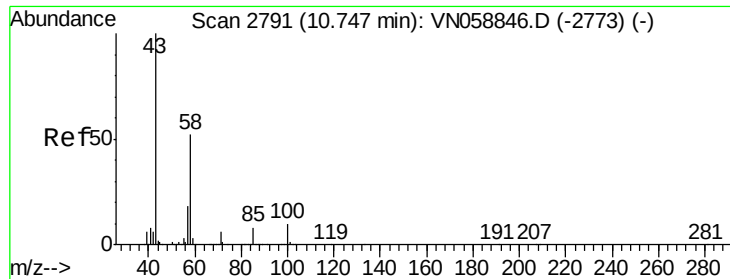
MMDadoda  
 10/25/2019 2:44:28 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 91.064 ug/l  
 RT: 9.69 min Scan# 2461  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 24.6  | 19.8  | 29.8  |





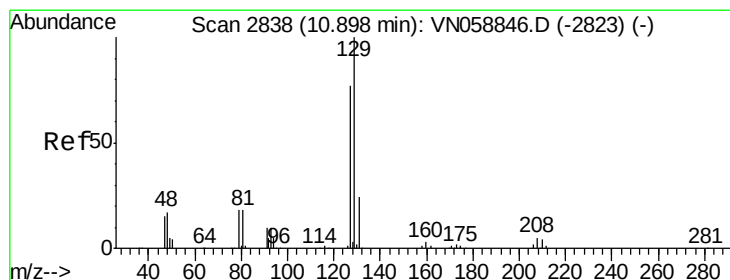
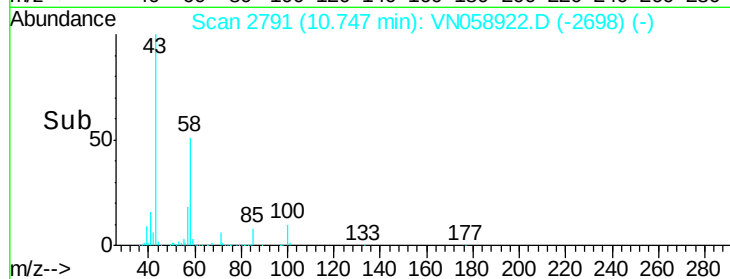
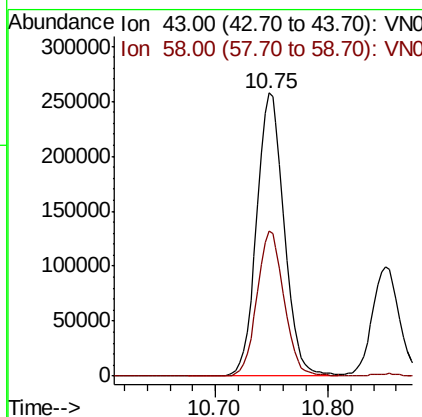
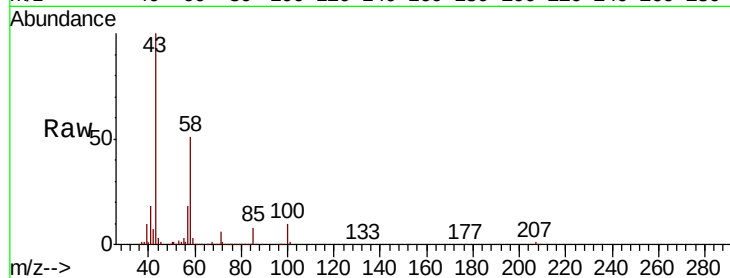
#59  
2-Hexanone  
Concen: 97.891 ug/l  
RT: 10.75 min Scan# 2791  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

Tot Ion: 43 Resp: 434670  
Ion Ratio Lower Upper  
43 100  
58 50.7 25.9 77.7

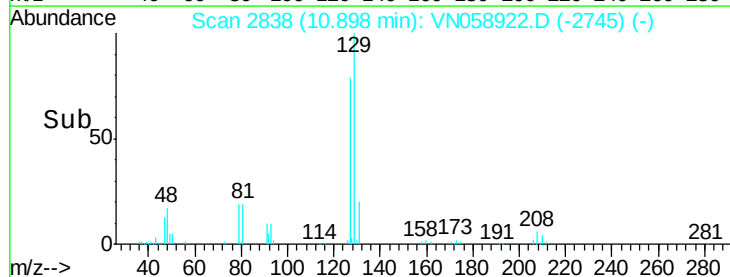
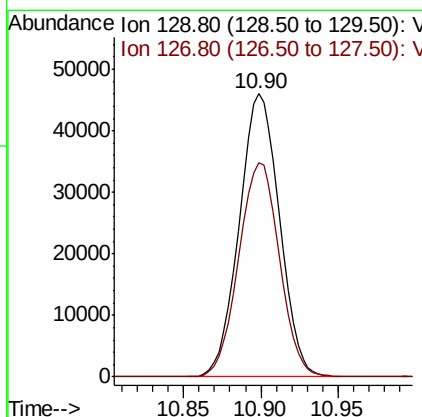
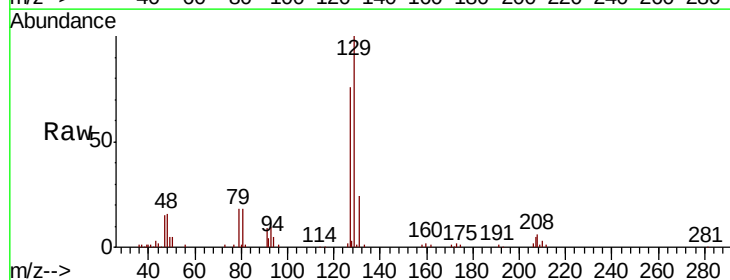
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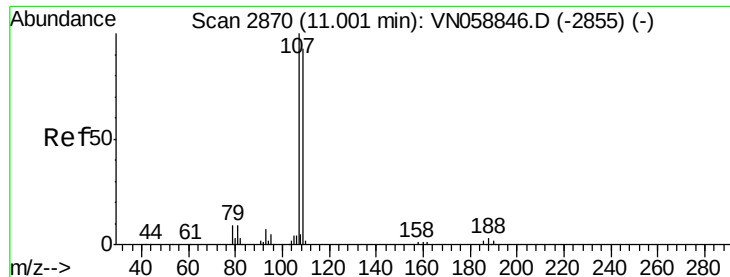
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 19.176 ug/l  
RT: 10.90 min Scan# 2838  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Tgt Ion: 129 Resp: 83356  
Ion Ratio Lower Upper  
129 100  
127 76.6 39.1 117.3





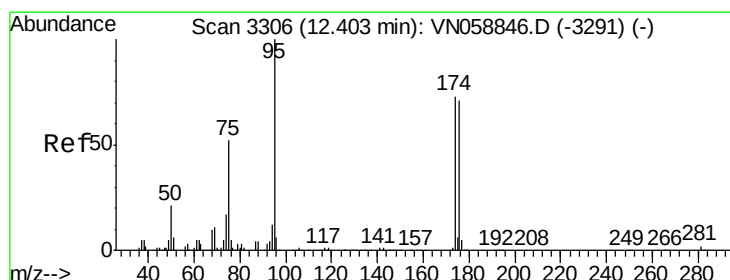
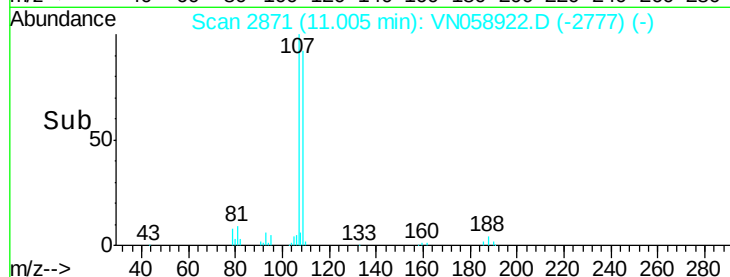
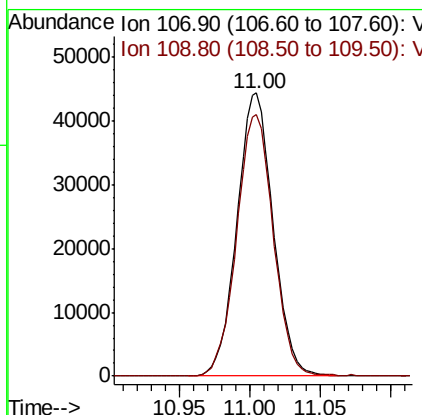
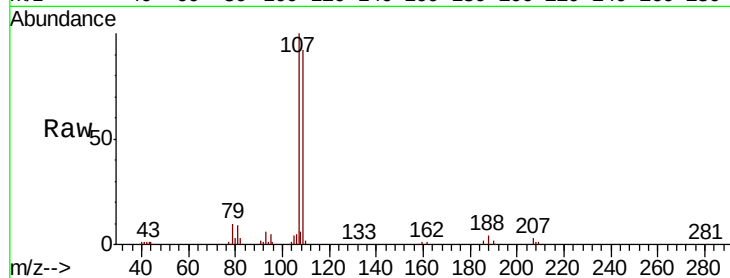
#61  
 1,2-Dibromoethane  
 Concen: 19.286 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1024WBS01

Tot Ion: 107 Resp: 79711  
 Ion Ratio Lower Upper  
 107 100  
 109 93.5 75.2 112.8

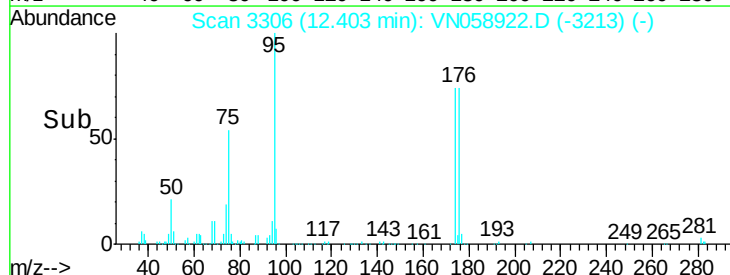
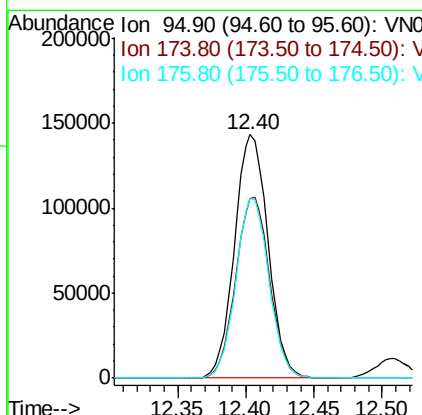
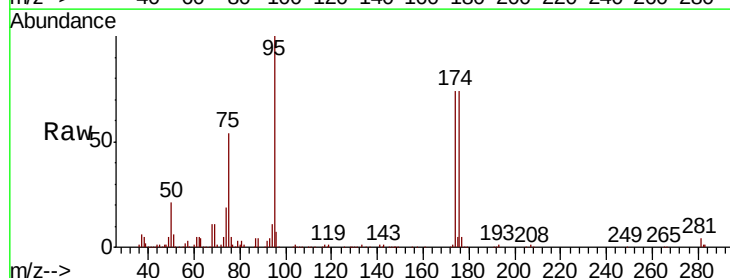
Manual Integrations  
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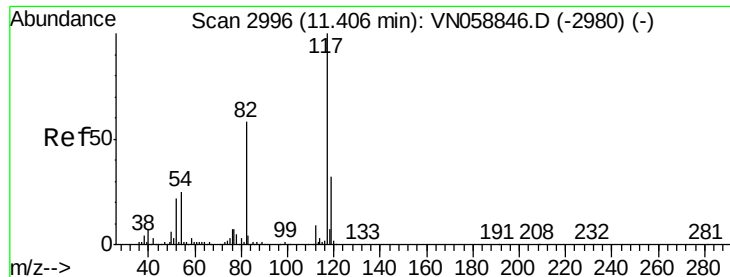
MMDadoda  
 10/25/2019 2:44:28 PM



#62  
 4-Bromofluorobenzene  
 Concen: 47.417 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

Tgt Ion: 95 Resp: 244379  
 Ion Ratio Lower Upper  
 95 100  
 174 75.0 0.0 147.6  
 176 72.7 0.0 143.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

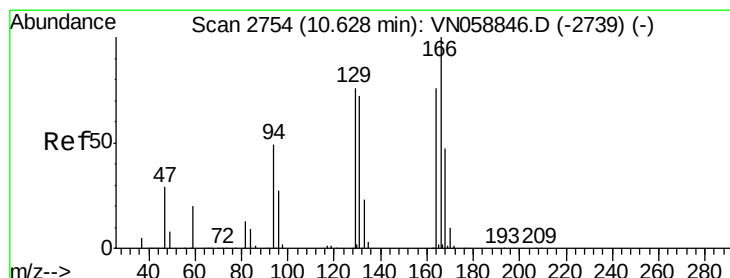
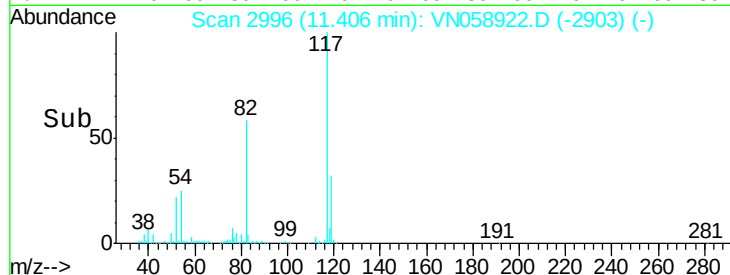
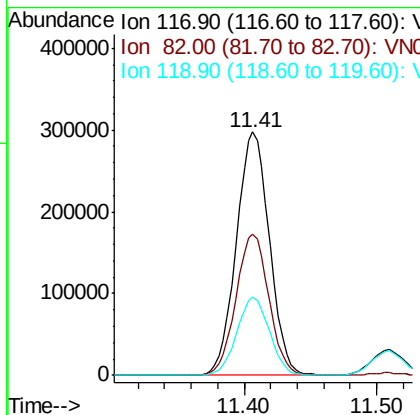
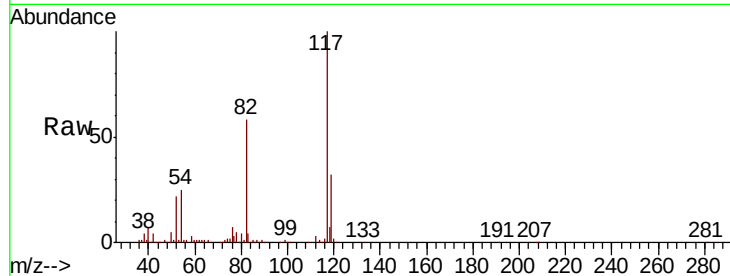
ClientSampleId :

VN1024WBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 117     | 100  |       | 514892 |       |       |
| 82      | 58.2 | 46.6  | 69.8   |       |       |
| 119     | 32.2 | 25.6  | 38.4   |       |       |

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#64

Tetrachloroethene

Concen: 19.023 ug/l

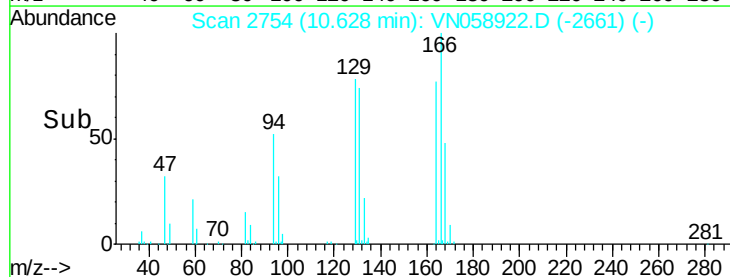
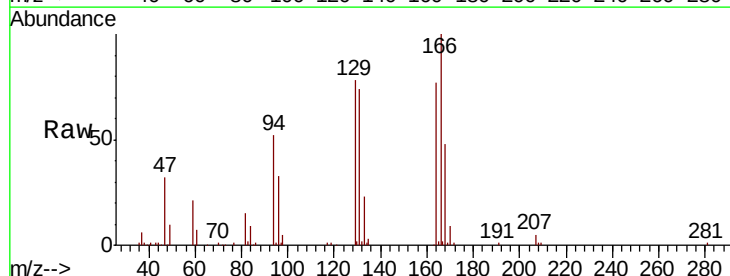
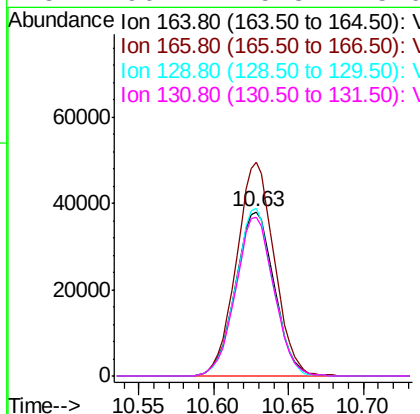
RT: 10.63 min Scan# 2754

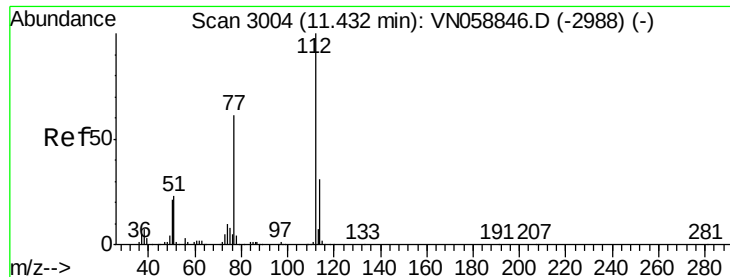
Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 164     | 100   |       | 68596 |       |       |
| 166     | 129.9 | 104.8 | 157.2 |       |       |
| 129     | 101.9 | 79.3  | 118.9 |       |       |
| 131     | 96.4  | 75.8  | 113.6 |       |       |





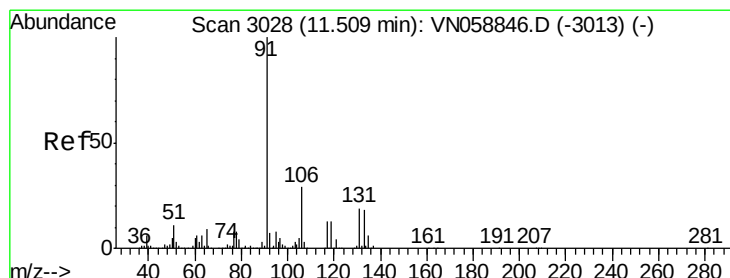
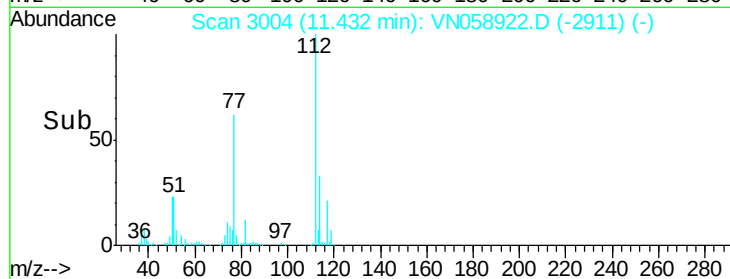
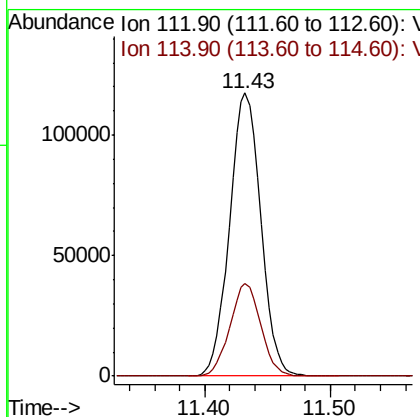
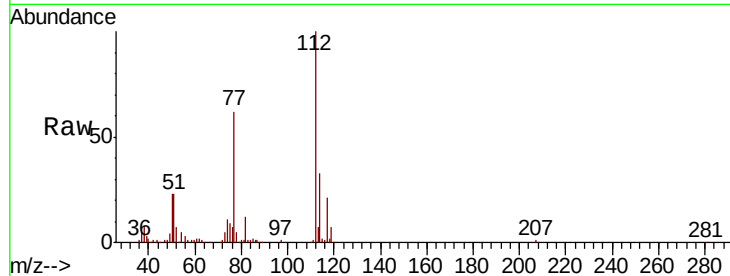
#65  
Chlorobenzene  
Concen: 19.393 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.9  | 25.1  | 37.7  |

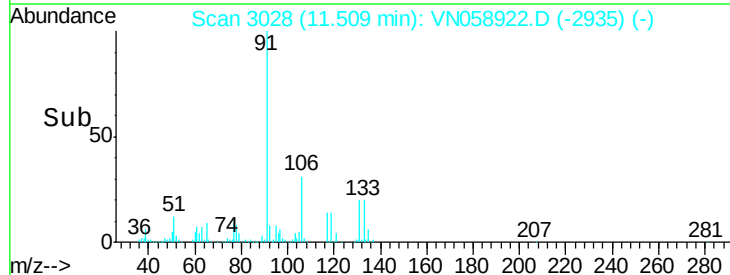
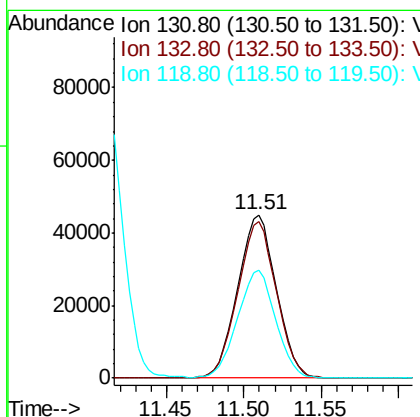
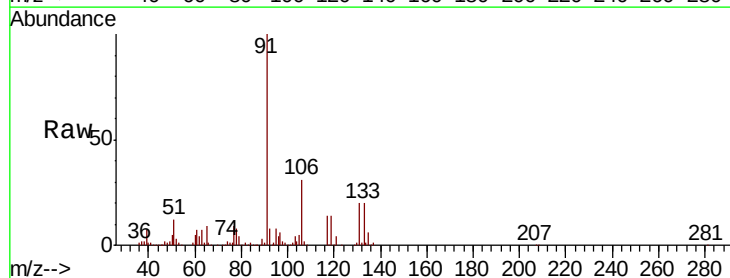
Manual Integrations  
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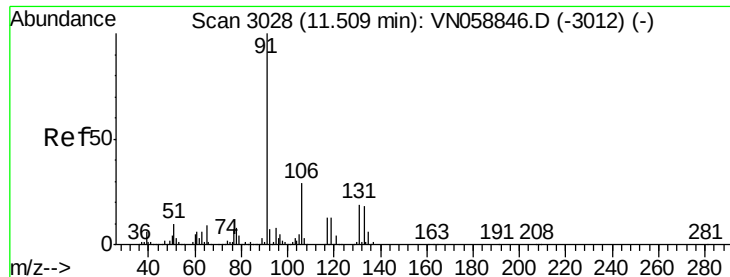
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.661 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.5  | 48.4  | 145.2 |
| 119     | 65.5  | 33.6  | 100.8 |





#67

Ethyl Benzene

Concen: 19.587 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1024WBS01

Tot Ion: 91 Resp: 360174

Ion Ratio Lower Upper

91 100

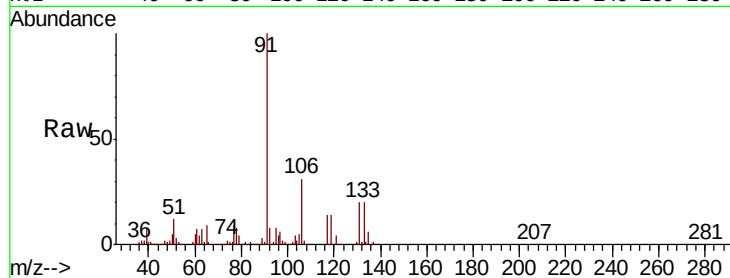
106 31.1 23.4 35.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN058846.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN058846.D (-3012) (-)

11.51

250000

200000

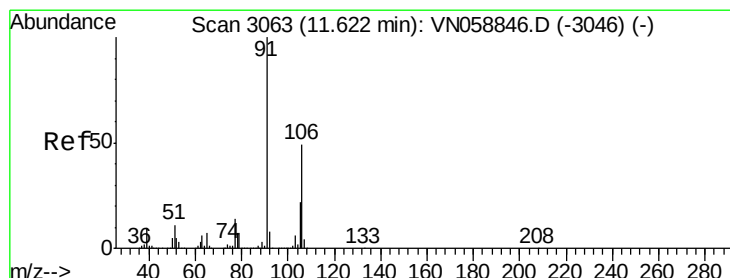
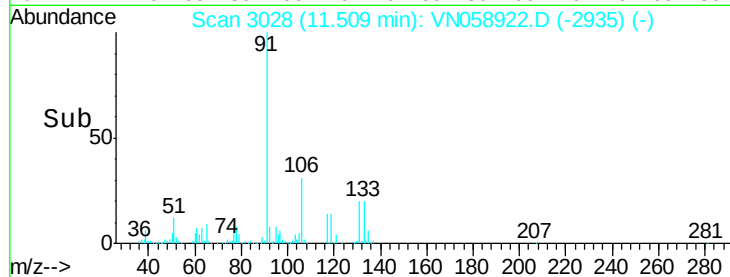
150000

100000

50000

0

Time-->



#68

m/p-Xylenes

Concen: 39.032 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN058922.D

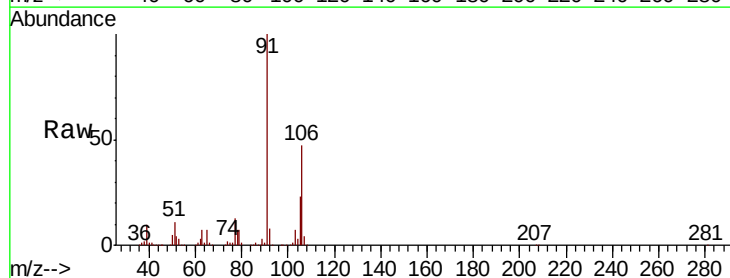
Acq: 23 Oct 2019 12:28

Tgt Ion: 106 Resp: 266176

Ion Ratio Lower Upper

106 100

91 210.0 166.6 249.8



Abundance Ion 106.00 (105.70 to 106.70): VN058846.D (-3046) (-)

Ion 91.00 (90.70 to 91.70): VN058846.D (-3046) (-)

11.62

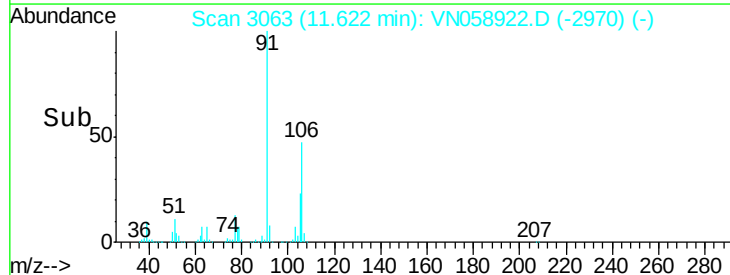
300000

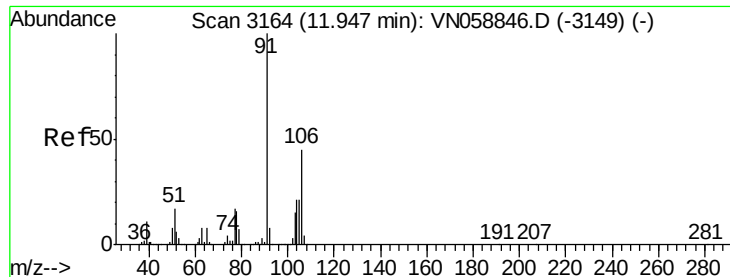
200000

100000

0

Time-->





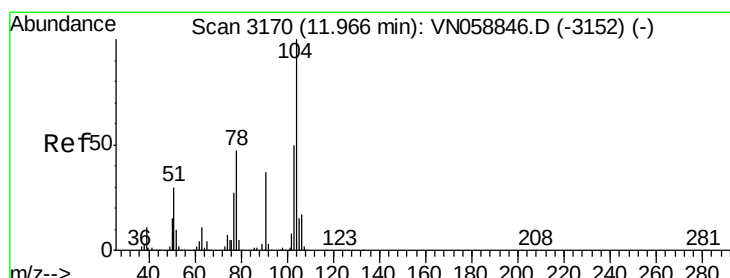
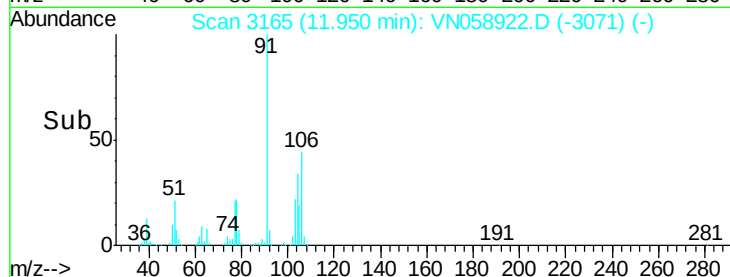
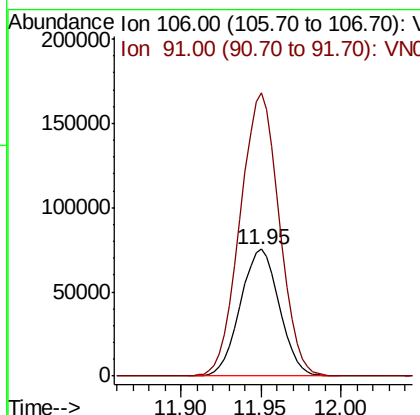
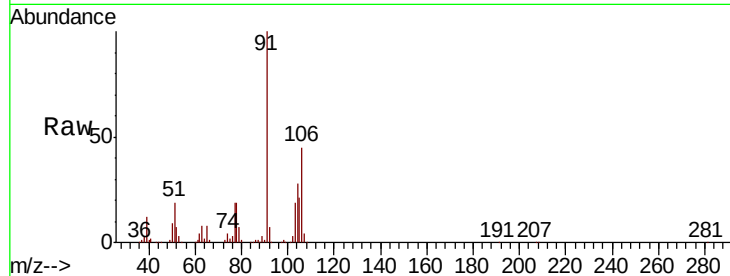
#69  
o-Xylene  
Concen: 19.323 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 223.7 | 111.5 | 334.4 |

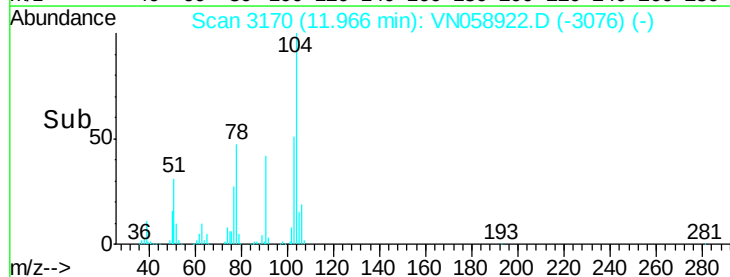
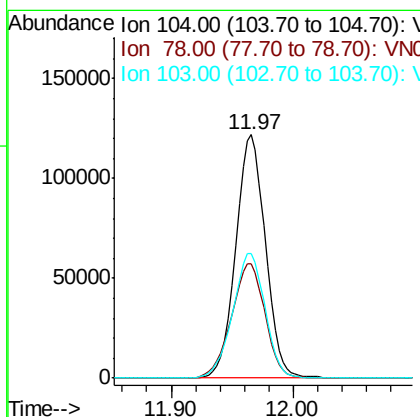
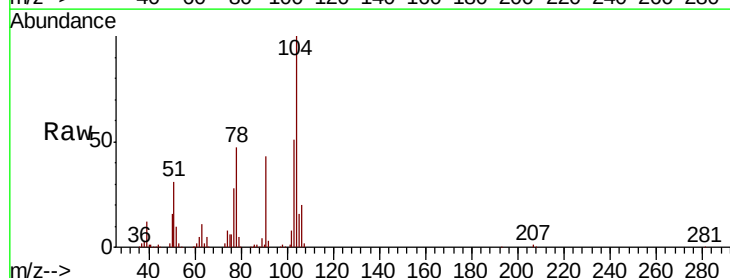
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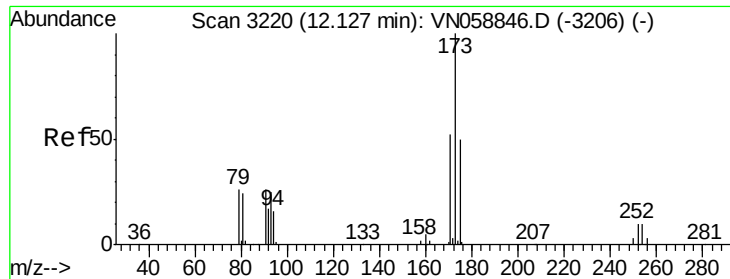


#70  
Styrene  
Concen: 18.193 ug/l  
RT: 11.97 min Scan# 3170  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 53.3  | 42.8  | 64.2  |
| 103     | 56.4  | 44.3  | 66.5  |







#71

Bromoform

Concen: 18.618 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1024WBS01

Tot Ion:173 Resp: 57110

Ion Ratio Lower Upper

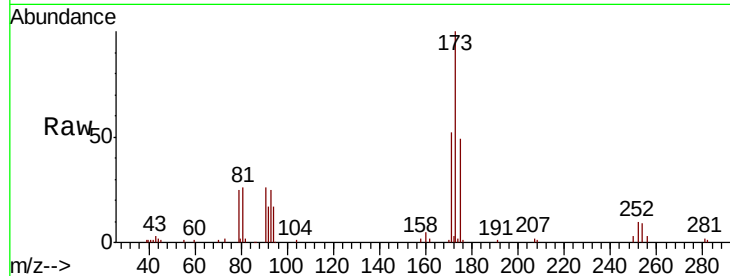
173 100

175 48.7 24.7 74.1

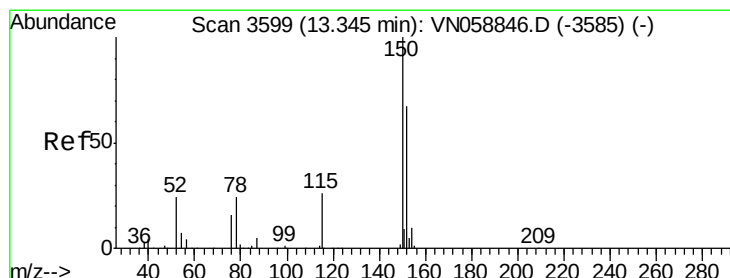
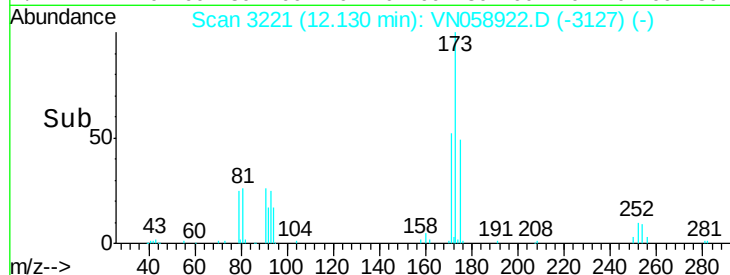
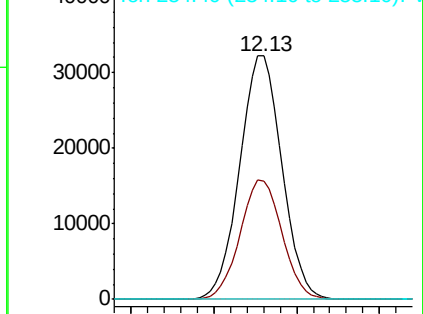
254 0.0 0.0 0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

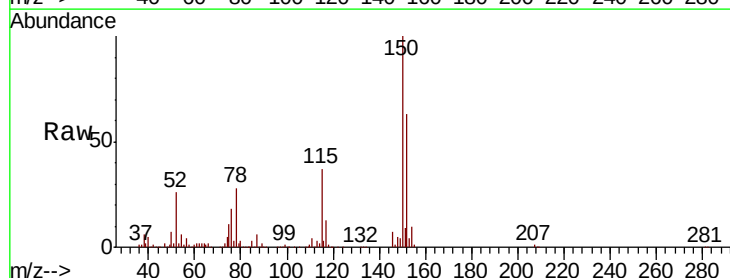
Tgt Ion:152 Resp: 237735

Ion Ratio Lower Upper

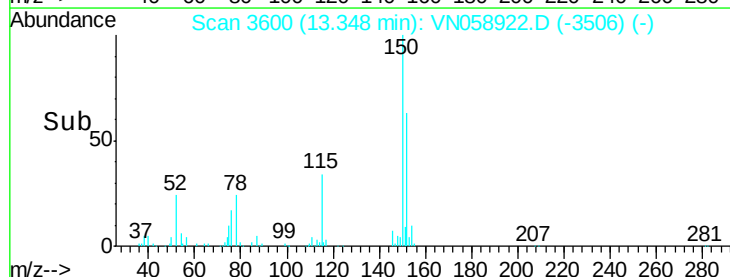
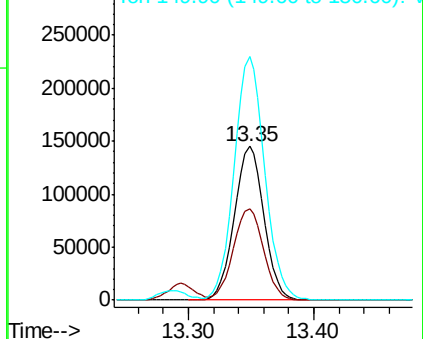
152 100

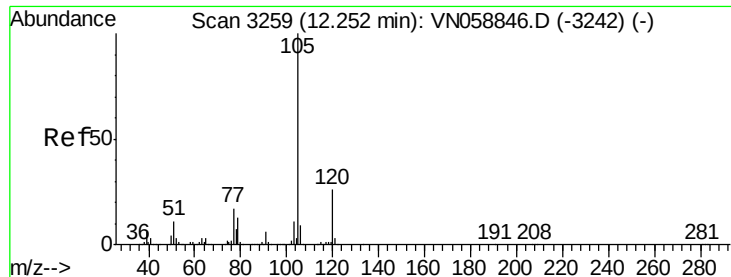
115 60.7 30.5 91.5

150 162.9 0.0 344.4



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





#73

Isopropylbenzene

Concen: 20.094 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1024WBS01

Tot Ion: 105 Resp: 349118

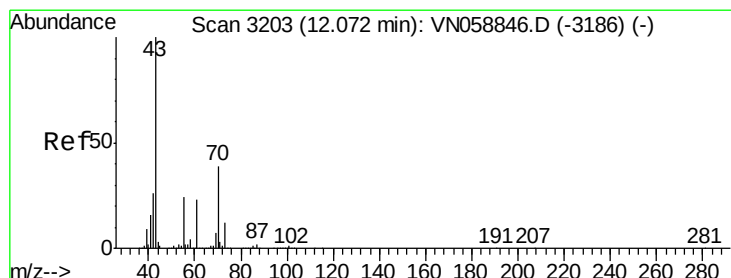
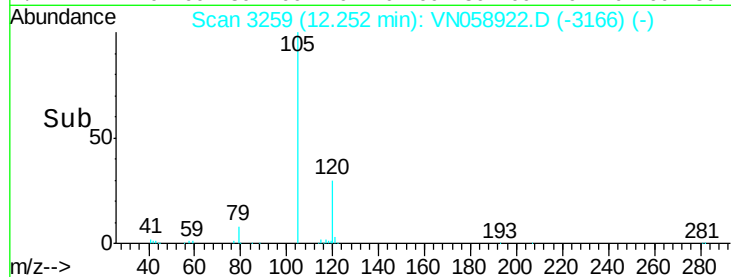
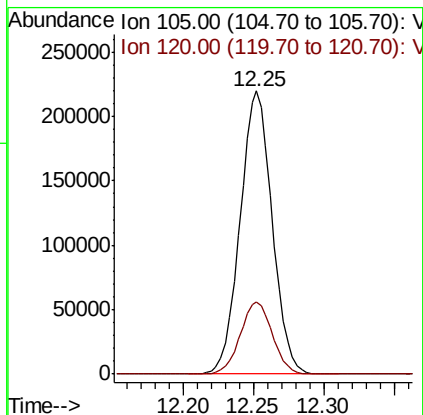
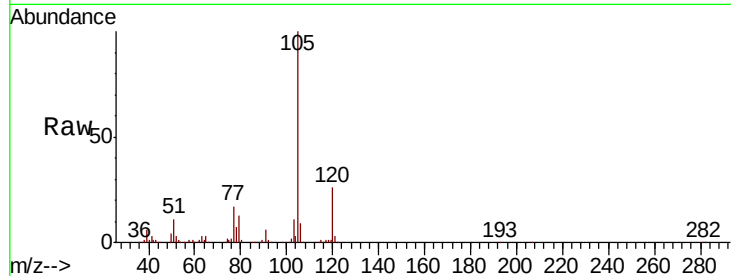
Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4

Manual Integrations  
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#74

N-ethyl acetate

Concen: 19.060 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Tgt Ion: 43 Resp: 150130

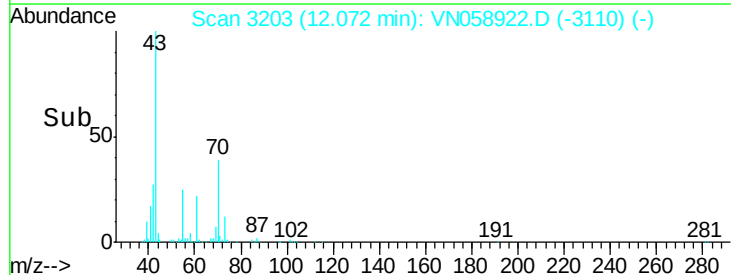
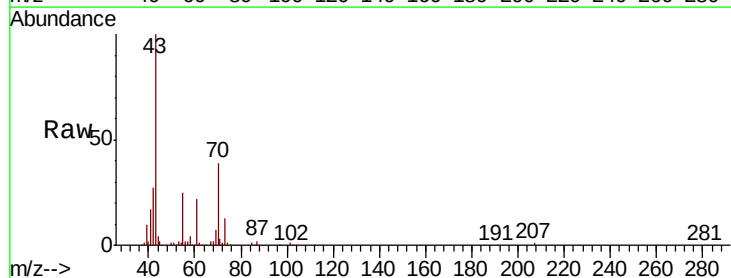
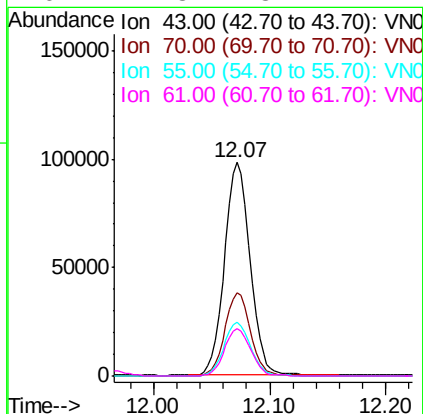
Ion Ratio Lower Upper

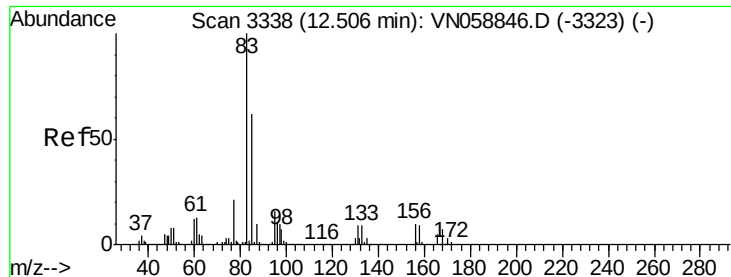
43 100

70 39.1 30.9 46.3

55 26.4 19.7 29.5

61 22.8 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.661 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

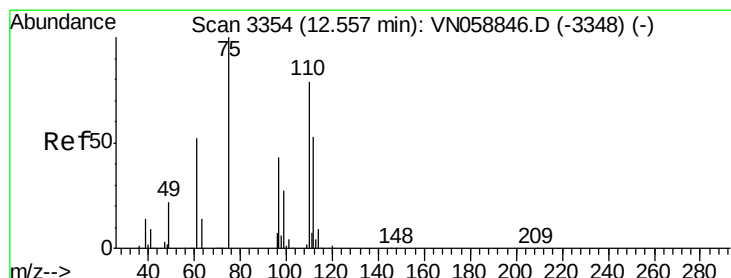
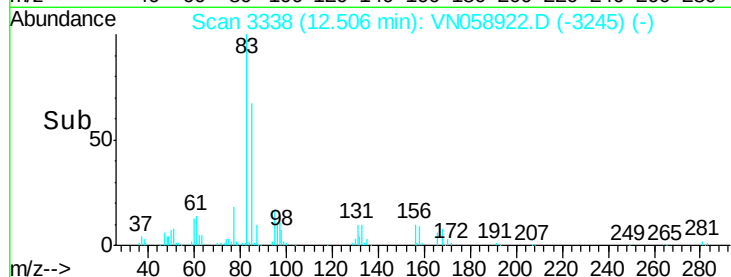
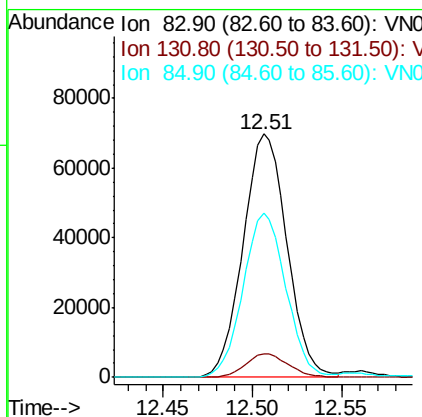
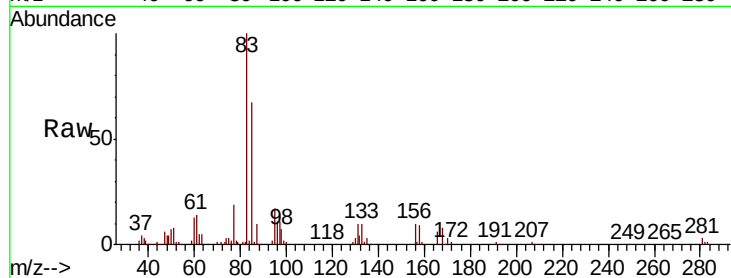
ClientSampleId :

VN1024WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 120109 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.4   | 4.7   | 14.1   |
| 85        | 65.5  | 31.7  | 95.1   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 20.674 ug/l m

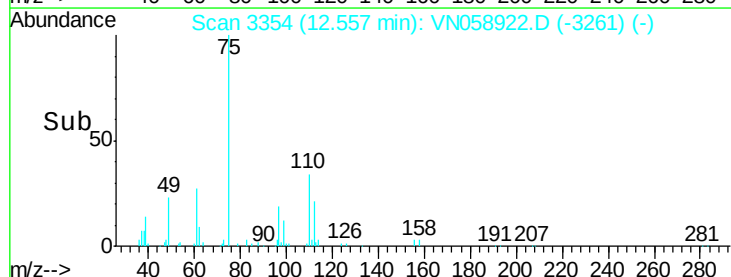
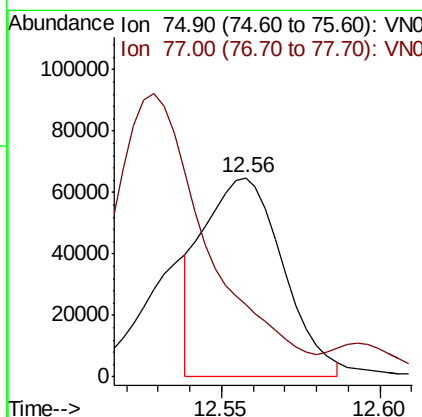
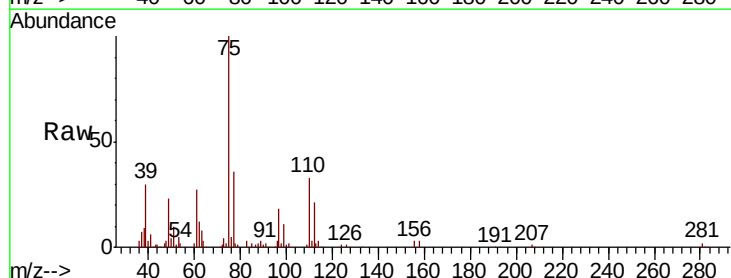
RT: 12.56 min Scan# 3354

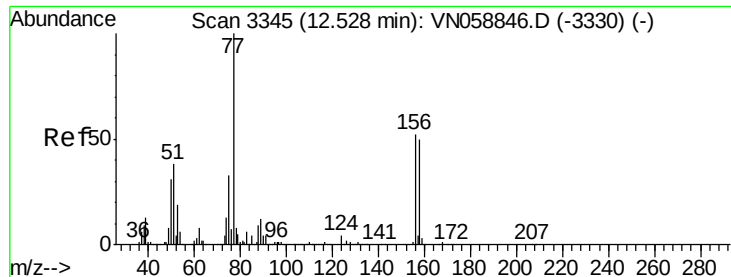
Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 113910 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





#77

Bromobenzene

Concen: 19.636 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1024WBS01

Tot Ion:156 Resp: 84088

Ion Ratio Lower Upper

156 100

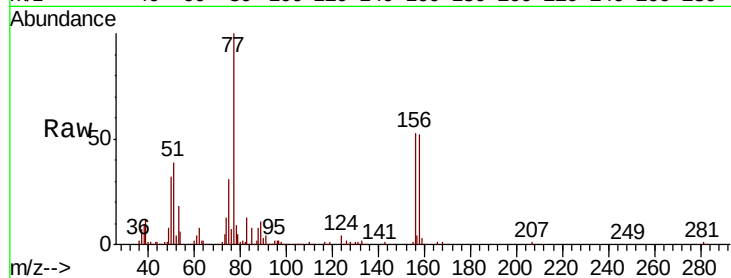
77 230.7 118.0 354.0

158 97.2 48.3 144.8

Manual Integrations  
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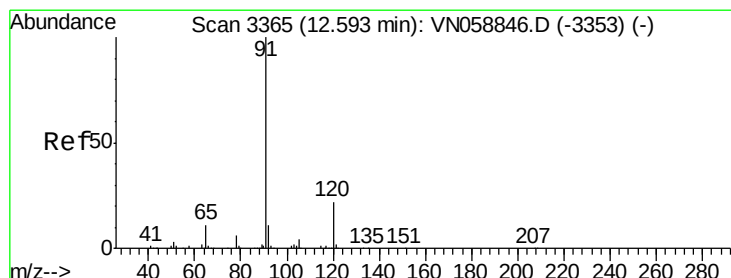
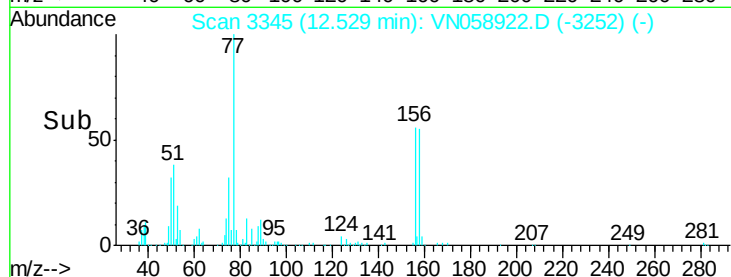
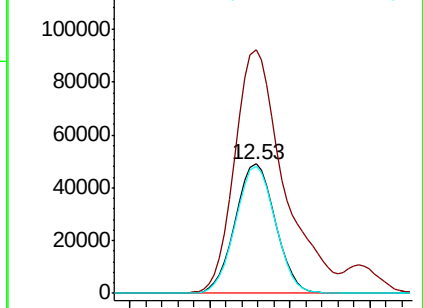
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.911 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN058922.D

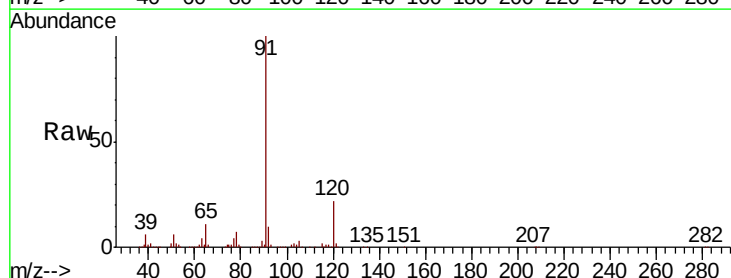
Acq: 23 Oct 2019 12:28

Tgt Ion: 91 Resp: 408910

Ion Ratio Lower Upper

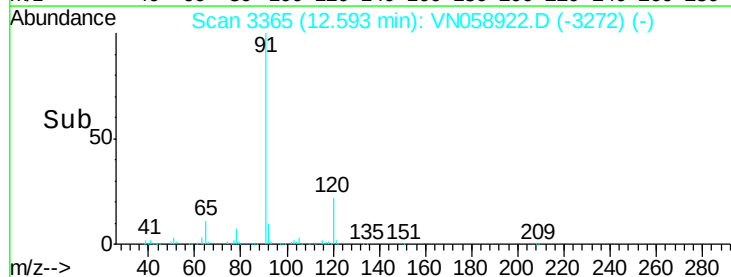
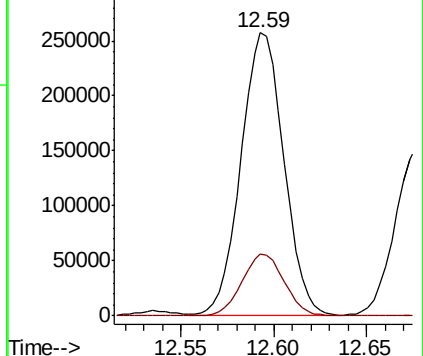
91 100

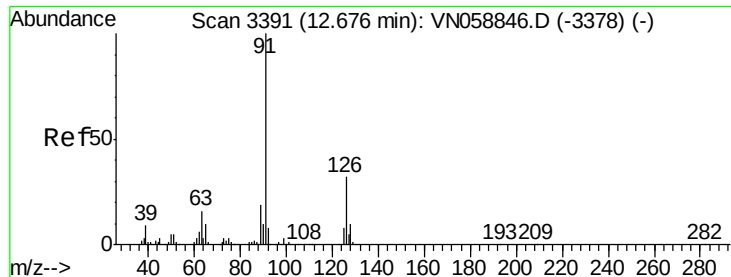
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.788 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1024WBS01

Tot Ion: 91 Resp: 248723

Ion Ratio Lower Upper

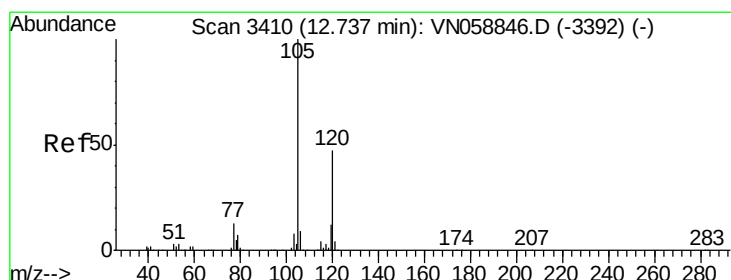
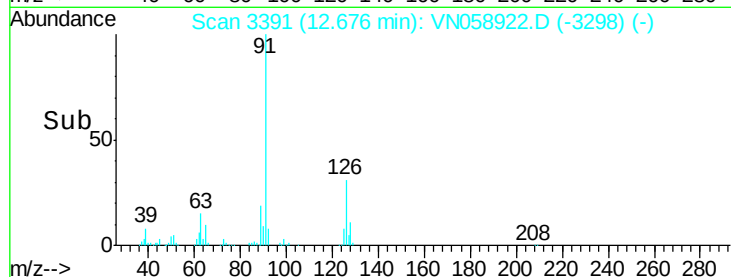
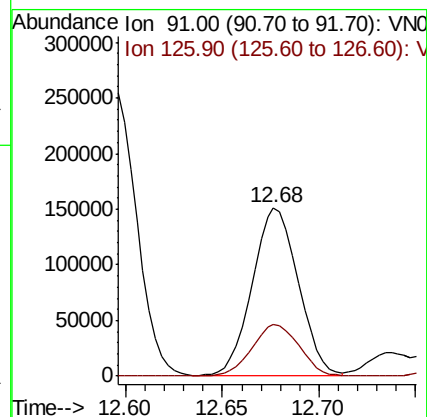
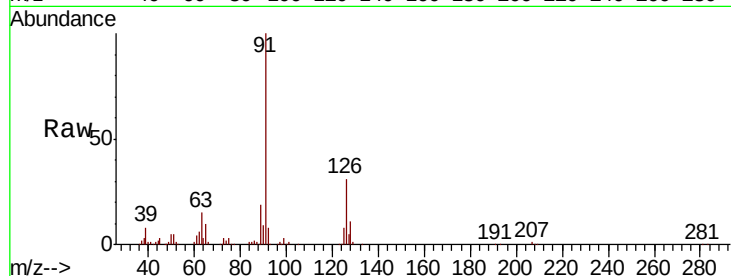
91 100

126 31.8 16.2 48.6

Manual Integrations  
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#80

1,3,5-Trimethylbenzene

Concen: 20.266 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058922.D

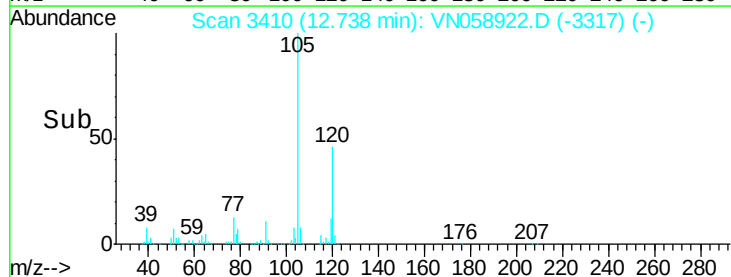
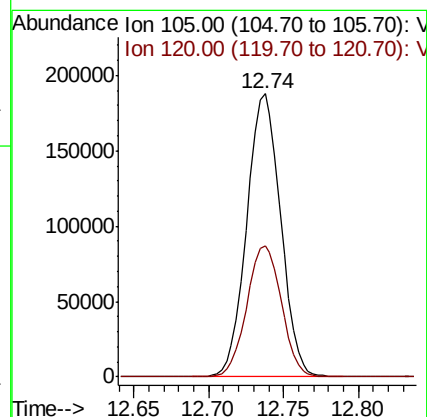
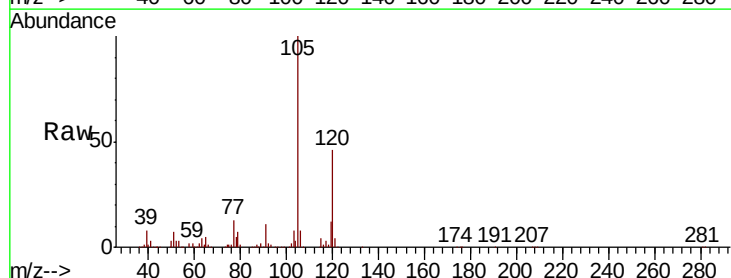
Acq: 23 Oct 2019 12:28

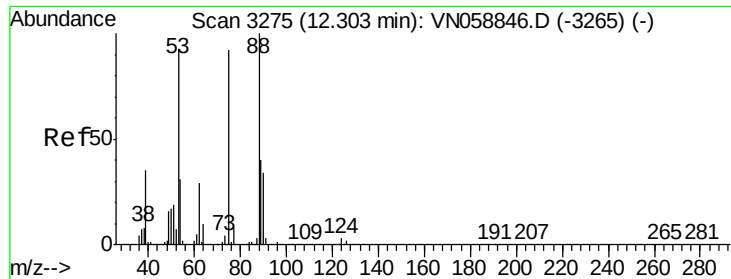
Tgt Ion: 105 Resp: 295831

Ion Ratio Lower Upper

105 100

120 47.4 23.8 71.5





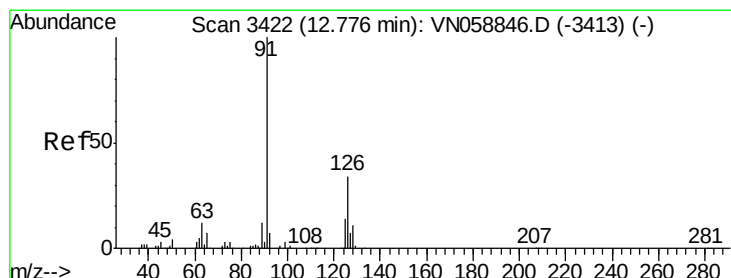
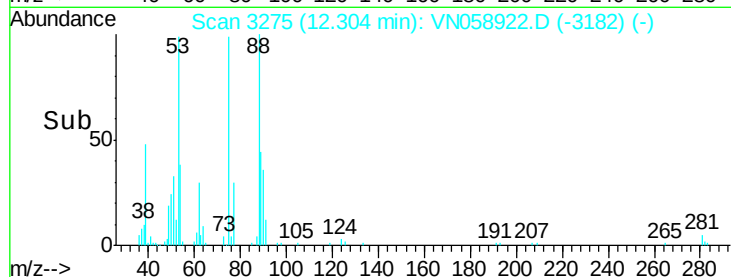
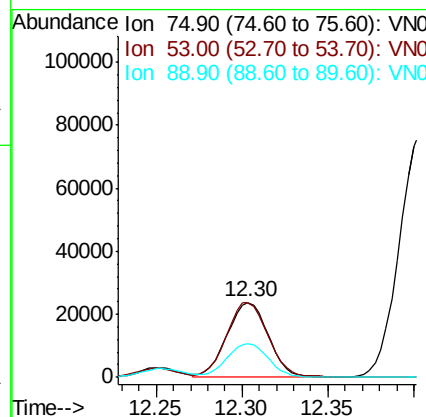
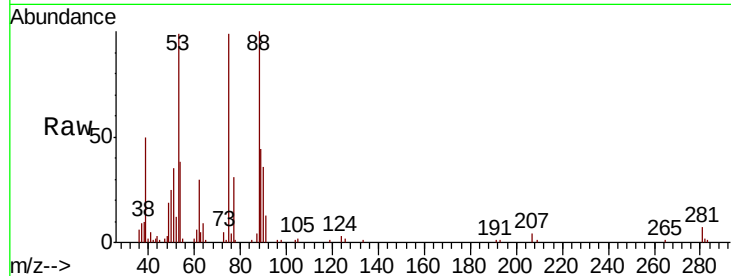
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.813 ug/l  
RT: 12.30 min Scan# 3275  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 101.3 | 78.6  | 118.0 |
| 89      | 44.9  | 35.4  | 53.0  |

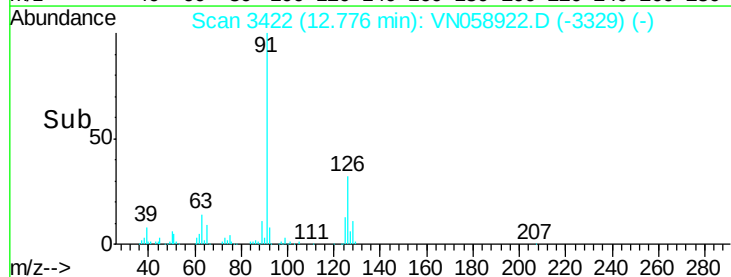
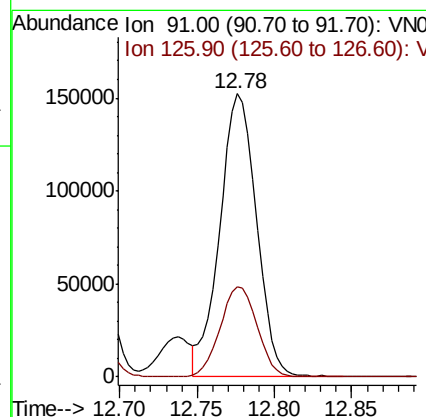
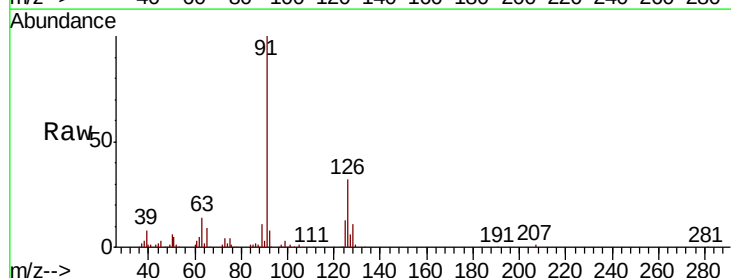
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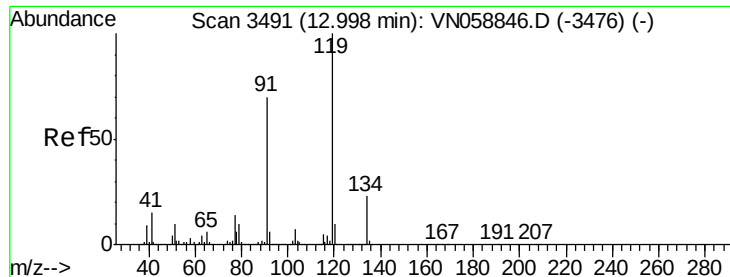
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 19.494 ug/l  
RT: 12.78 min Scan# 3422  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.3  | 16.0  | 47.9  |





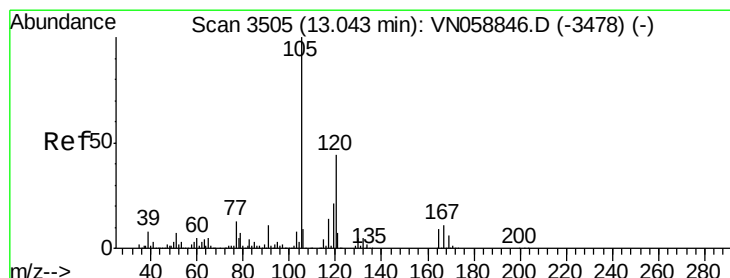
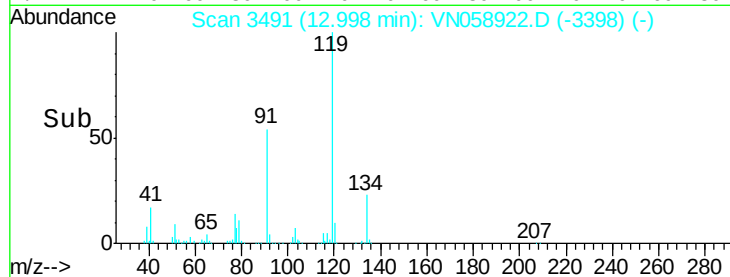
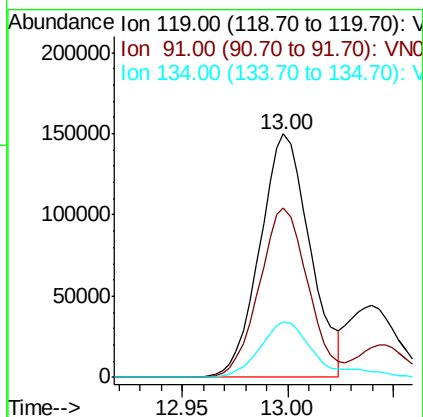
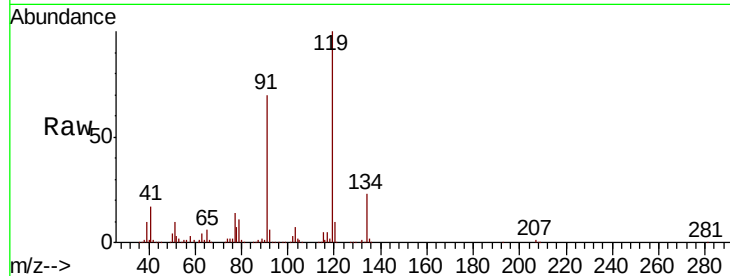
#83  
tert-Butylbenzene  
Concen: 19.829 ug/l  
RT: 13.00 min Scan# 3491  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 68.1  | 34.1  | 102.3 |
| 134     | 25.3  | 11.6  | 34.8  |

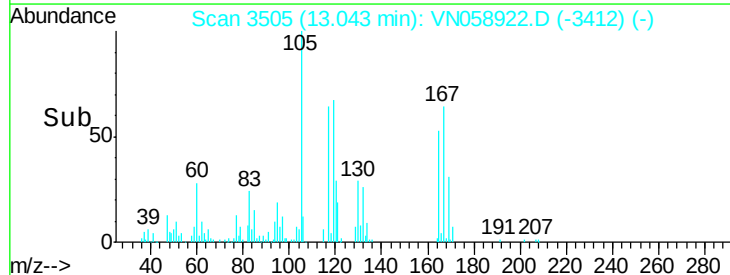
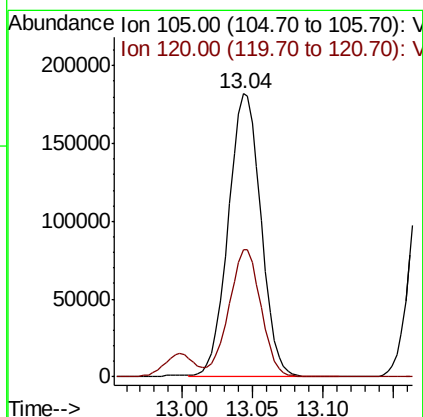
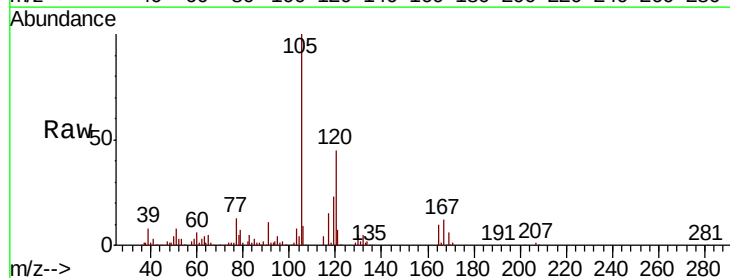
Manual Integrations  
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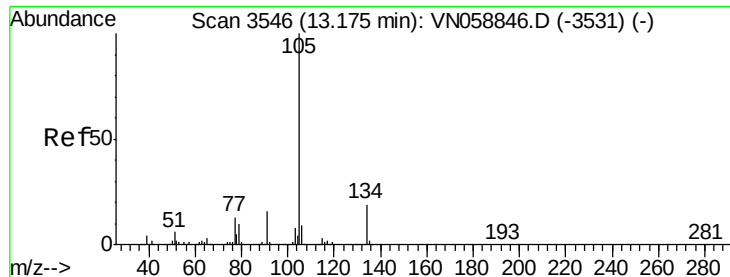
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#84  
1,2,4-Trimethylbenzene  
Concen: 20.435 ug/l  
RT: 13.04 min Scan# 3505  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.4  | 21.9  | 65.8  |





#85

sec-Butylbenzene

Concen: 20.181 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

Instrument :

MSVOA\_N

ClientSampleId :

VN1024WBS01

Tot Ion:105 Resp: 335865

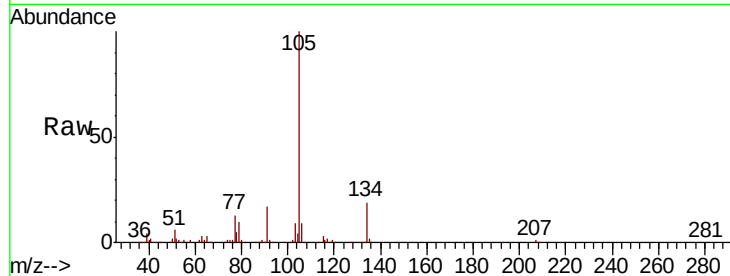
Ion Ratio Lower Upper

105 100

134 19.0 9.4 28.2

Manual Integrations  
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

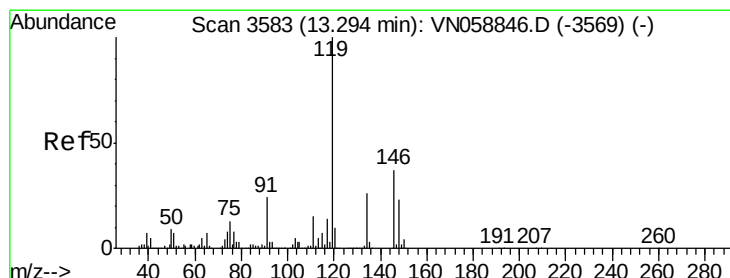
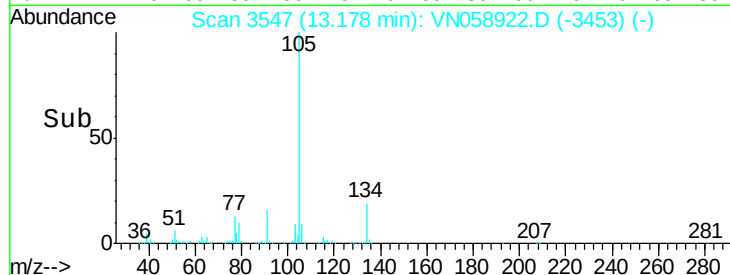
50000

0

13.10

13.20

Time-->



#86

p-Isopropyltoluene

Concen: 19.899 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN058922.D

Acq: 23 Oct 2019 12:28

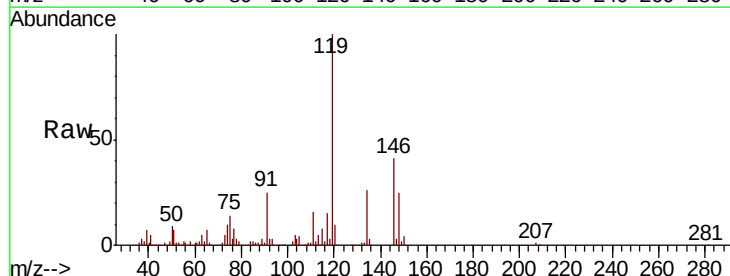
Tgt Ion:119 Resp: 292207

Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 24.7 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

100000

50000

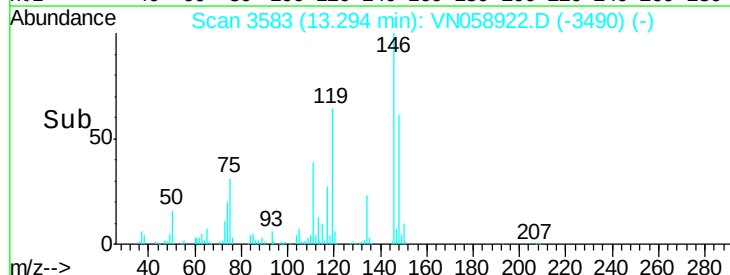
0

13.25

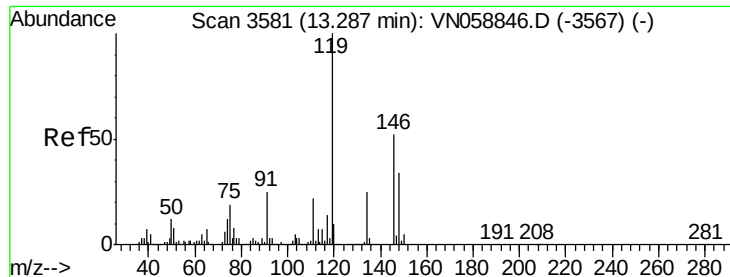
13.30

13.35

Time-->







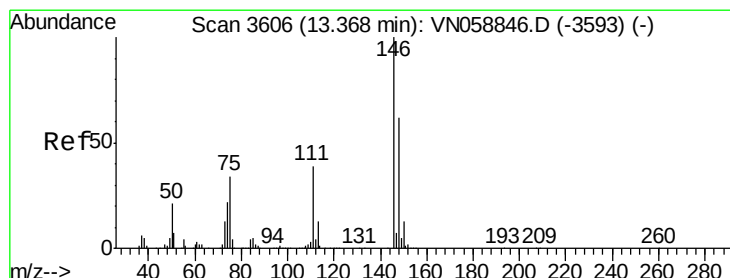
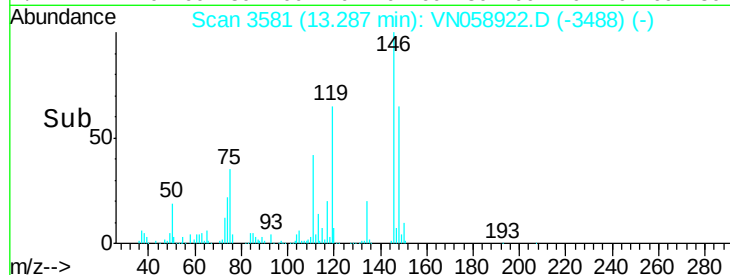
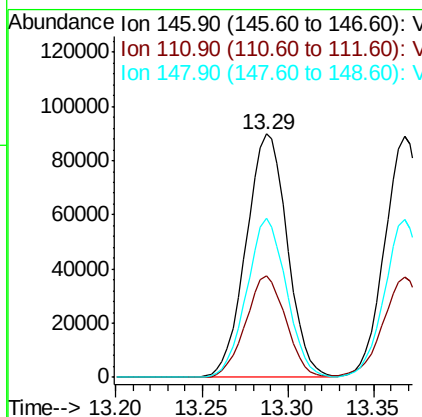
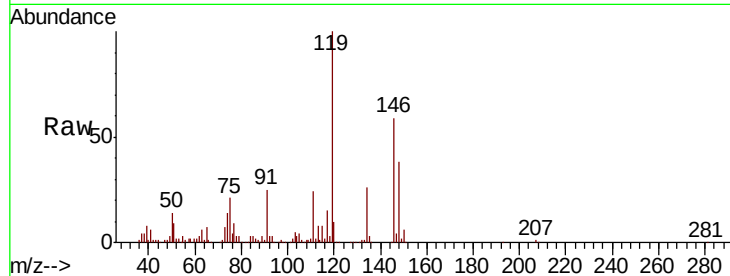
#87  
 1,3-Dichlorobenzene  
 Concen: 19.488 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 21.0  | 63.0  |
| 148     | 63.0  | 32.1  | 96.3  |

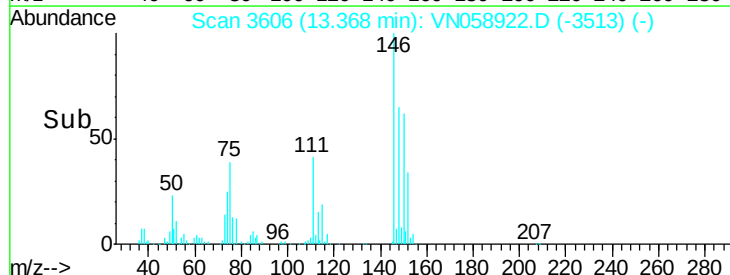
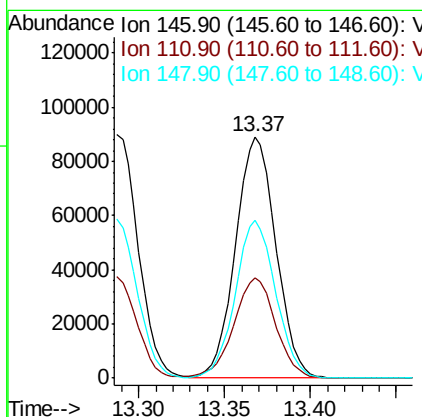
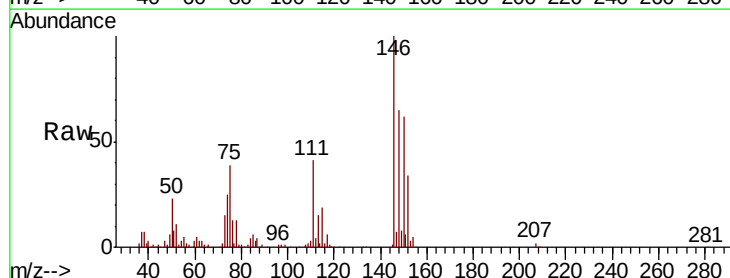
Manual Integrations  
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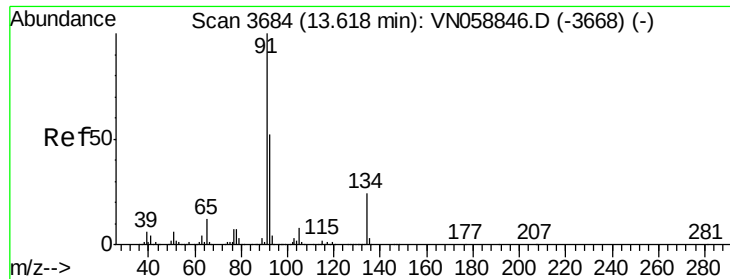
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 18.913 ug/l  
 RT: 13.37 min Scan# 3606  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.2  | 20.2  | 60.6  |
| 148     | 65.6  | 31.6  | 94.7  |





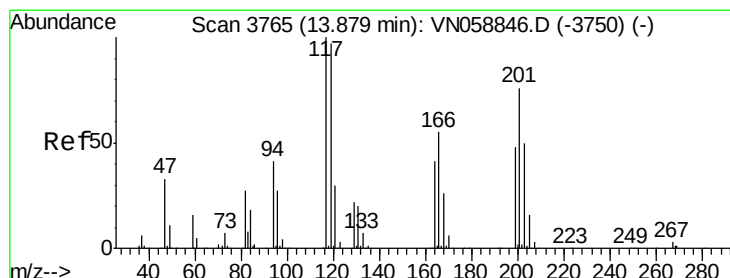
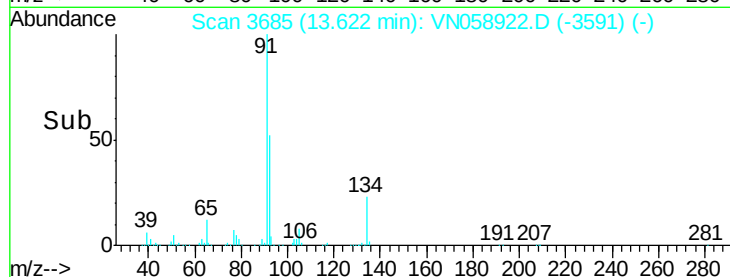
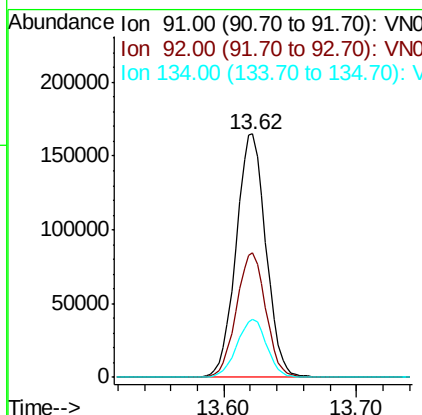
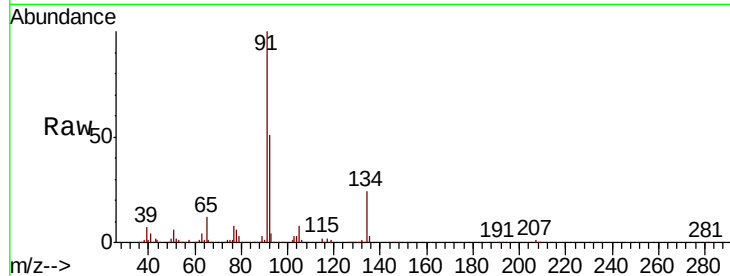
#89  
n-Butylbenzene  
Concen: 19.064 ug/l  
RT: 13.62 min Scan# 3685  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 50.5  | 25.7  | 77.1  |
| 134     | 23.9  | 11.9  | 35.5  |

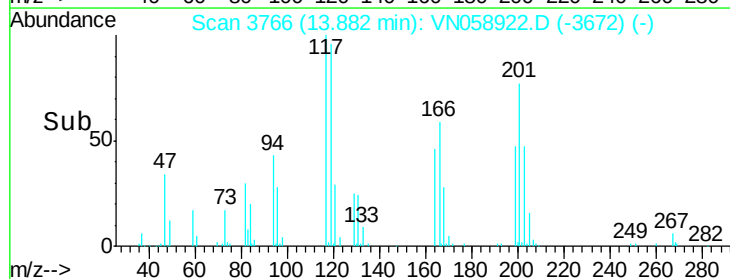
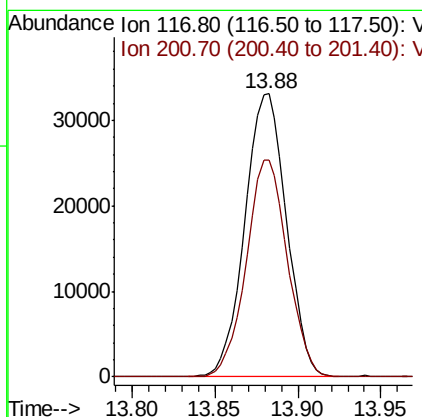
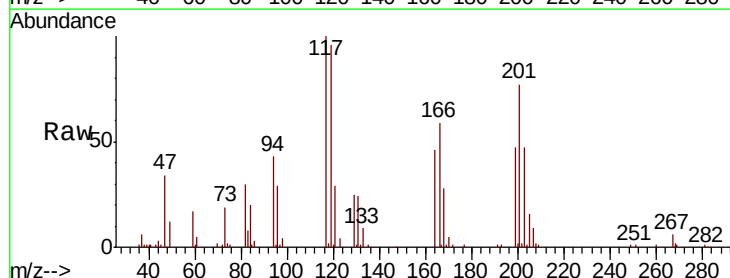
Manual Integrations  
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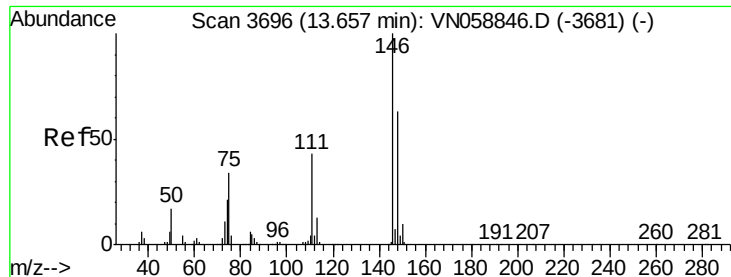
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#90  
Hexachloroethane  
Concen: 19.388 ug/l  
RT: 13.88 min Scan# 3766  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 75.5  | 38.9  | 116.6 |





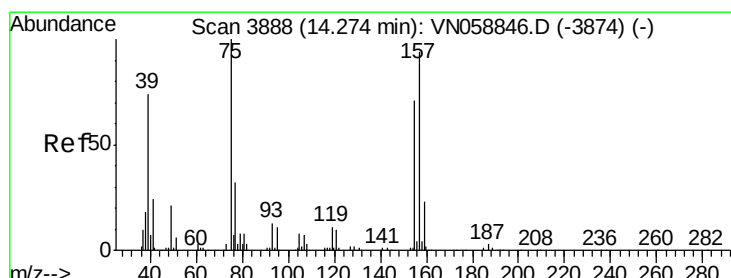
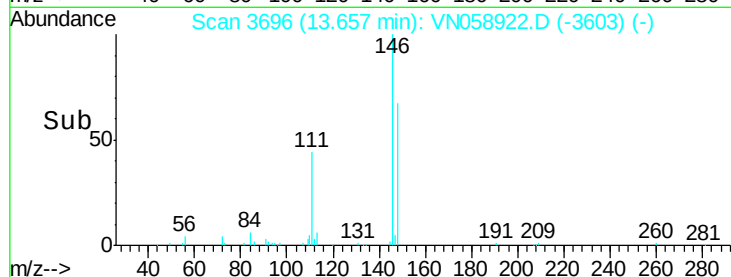
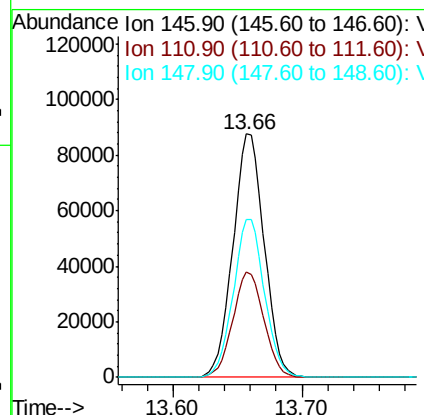
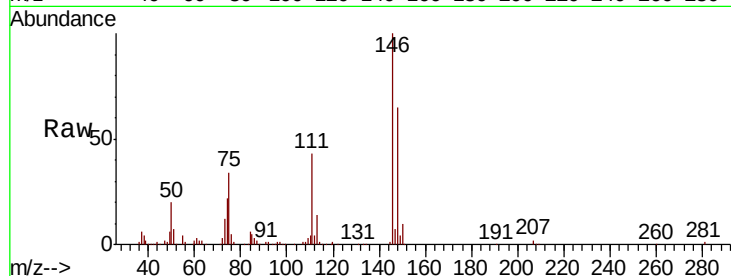
#91  
 1,2-Dichlorobenzene  
 Concen: 19.581 ug/l  
 RT: 13.66 min Scan# 3696  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.0  | 21.6  | 64.8  |
| 148     | 64.6  | 31.9  | 95.9  |

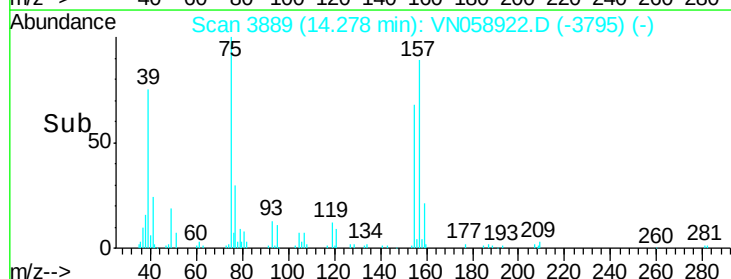
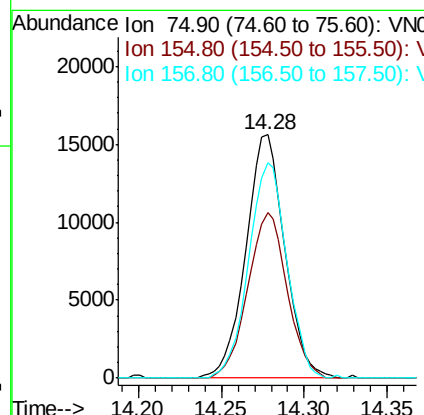
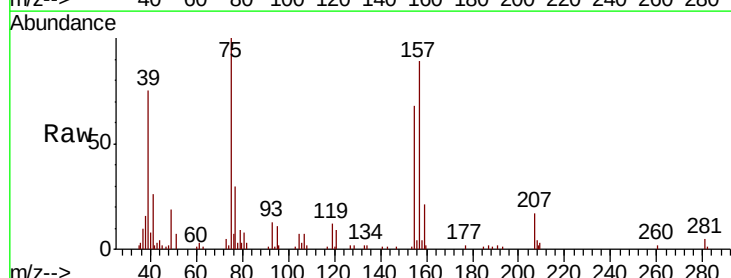
Manual Integrations  
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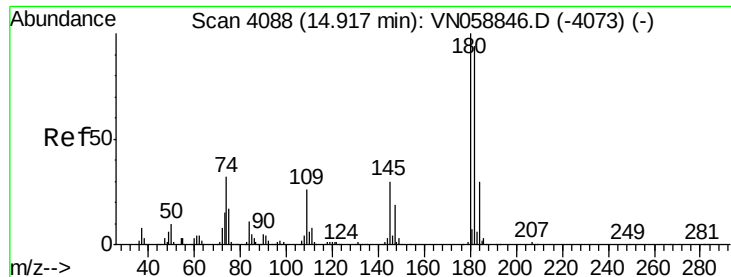
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.439 ug/l  
 RT: 14.28 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN058922.D  
 Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 68.6  | 35.6  | 106.8 |
| 157     | 86.8  | 47.4  | 142.2 |





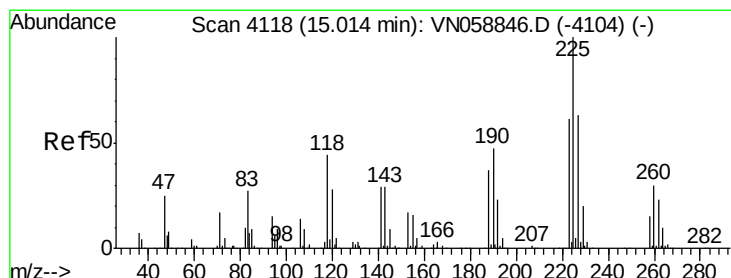
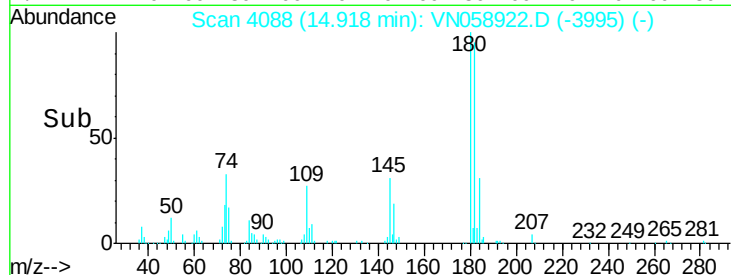
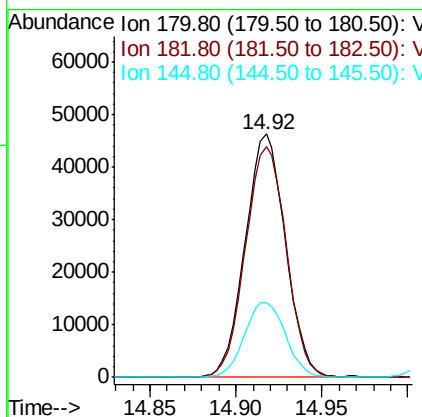
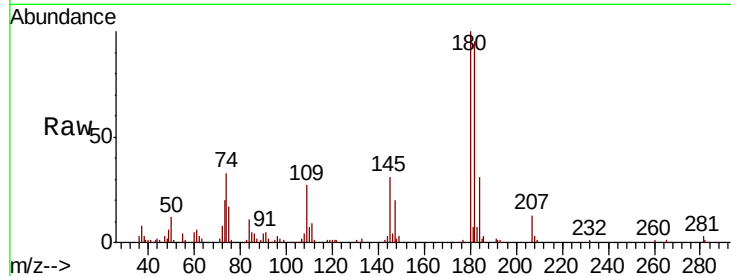
#93  
1,2,4-Trichlorobenzene  
Concen: 17.626 ug/l  
RT: 14.92 min Scan# 4088  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 47.3  | 142.0 |
| 145     | 31.3  | 15.3  | 45.8  |

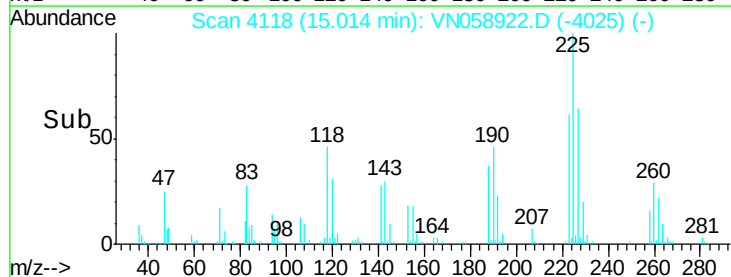
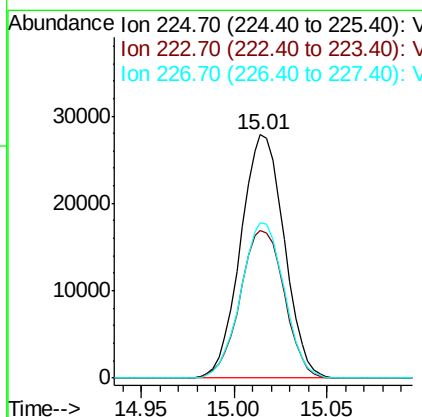
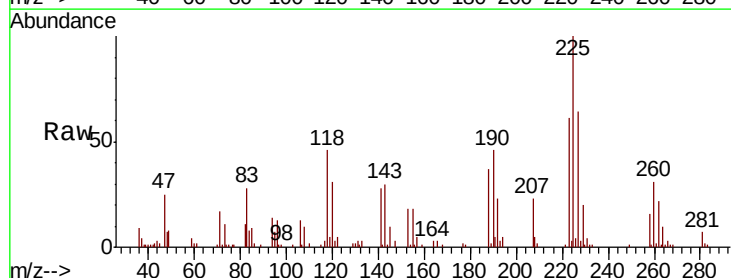
Manual Integrations  
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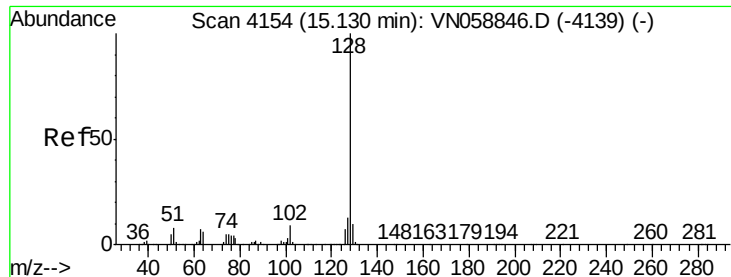
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#94  
Hexachlorobutadiene  
Concen: 18.726 ug/l  
RT: 15.01 min Scan# 4118  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.5  | 30.9  | 92.5  |
| 227     | 63.4  | 31.6  | 94.7  |





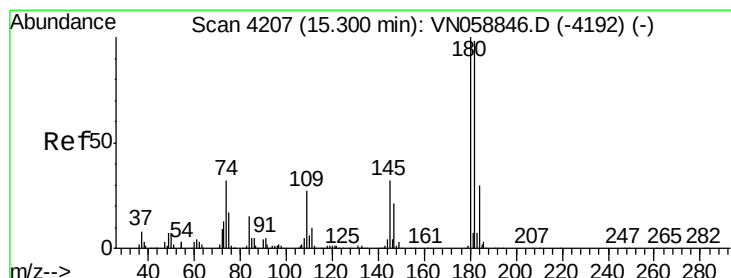
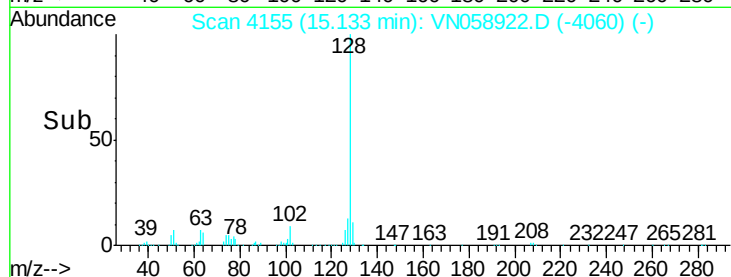
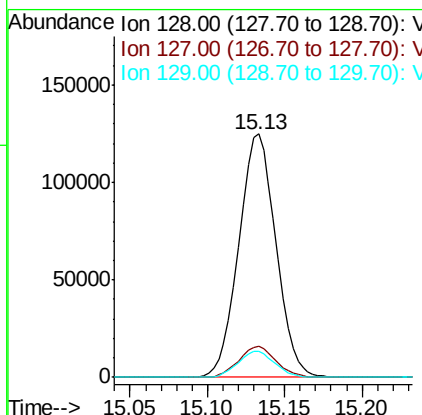
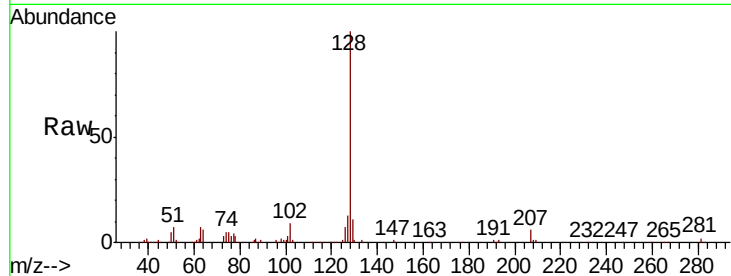
#95  
Naphthalene  
Concen: 16.860 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1024WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.7  | 10.2  | 15.2  |
| 129     | 10.6  | 8.4   | 12.6  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 18.085 ug/l  
RT: 15.30 min Scan# 4207  
Delta R.T. 0.00 min  
Lab File: VN058922.D  
Acq: 23 Oct 2019 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 47.9  | 143.7 |
| 145     | 32.3  | 15.9  | 47.7  |

