

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN110118\  
 Data File : VN052099.D  
 Acq On : 1 Nov 2018 13:20  
 Operator : MD\SY  
 Sample : VN1101WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN1101WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 11/2/2018 9:21:26 AM

Quant Time: Nov 02 06:56:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\624N110118W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Nov 02 05:39:38 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.20  | 128  | 60024    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.59  | 114  | 359807   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.41 | 117  | 321051   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 8.03   | 65    | 134108   | 30.10    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 100.33% |
| 60) 4-Bromofluorobenzene  | 12.40  | 95    | 153523   | 29.89    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 99.63%  |
| 63) Toluene-d8            | 10.09  | 98    | 450871   | 29.86    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 99.53%  |

## Target Compounds

|                               |      |     |        |                | Qvalue |
|-------------------------------|------|-----|--------|----------------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 78735  | 19.640 ug/l    | 97     |
| 3) Chloromethane              | 2.06 | 50  | 90370  | 19.724 ug/l    | 100    |
| 4) Vinyl Chloride             | 2.19 | 62  | 90410  | 20.115 ug/l    | 93     |
| 5) Bromomethane               | 2.57 | 94  | 63944  | 20.843 ug/l    | 96     |
| 6) Chloroethane               | 2.71 | 64  | 56223  | 19.563 ug/l    | 99     |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 119560 | 19.643 ug/l    | 95     |
| 8) Diethyl Ether              | 3.41 | 74  | 41320  | 20.106 ug/l    | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 71288m | 20.039 ug/l    |        |
| 10) 1,1-Dichloroethene        | 3.74 | 96  | 63873  | 19.242 ug/l    | 95     |
| 11) Methyl Iodide             | 3.96 | 142 | 88641  | 18.470 ug/l    | 93     |
| 12) Methyl Acetate            | 4.33 | 43  | 57299  | 20.508 ug/l    | 99     |
| 13) Acrolein                  | 3.61 | 56  | 27714  | 93.519 ug/l    | 98     |
| 14) Acrylonitrile             | 4.99 | 53  | 119998 | 96.850 ug/l    | 98     |
| 15) Acetone                   | 3.82 | 58  | 29047  | 99.193 ug/l    | 85     |
| 16) Carbon Disulfide          | 4.06 | 76  | 180094 | 18.375 ug/l    | 95     |
| 17) Allyl chloride            | 4.33 | 41  | 104313 | 18.509 ug/l    | 95     |
| 18) Methylene Chloride        | 4.55 | 84  | 79249  | 19.343 ug/l    | 94     |
| 19) trans-1,2-Dichloroethene  | 5.05 | 96  | 71059  | 19.538 ug/l    | 96     |
| 20) Diisopropyl ether         | 5.95 | 45  | 246338 | 20.114 ug/l    | 98     |
| 21) 1,1-Dichloroethane        | 5.85 | 63  | 137753 | 19.247 ug/l    | 98     |
| 22) cis-1,2-Dichloroethene    | 6.83 | 96  | 81852  | 19.273 ug/l    | 99     |
| 23) tert-Butyl Alcohol        | 4.79 | 59  | 19823  | 102.685 ug/l # | 100    |
| 24) Methyl tert-Butyl Ether   | 5.05 | 73  | 189603 | 20.148 ug/l    | 99     |
| 25) Chloroform                | 7.37 | 83  | 141577 | 19.700 ug/l    | 100    |
| 26) Cyclohexane               | 7.66 | 56  | 124912 | 19.469 ug/l #  | 95     |
| 29) 1,1-Dichloropropene       | 7.80 | 75  | 104730 | 18.334 ug/l    | 97     |
| 30) 2-Butanone                | 6.84 | 43  | 148751 | 97.781 ug/l #  | 73     |
| 31) 2,2-Dichloropropane       | 6.83 | 77  | 107930 | 18.342 ug/l    | 98     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 118389 | 18.523 ug/l    | 98     |
| 33) Carbon Tetrachloride      | 7.77 | 117 | 101761 | 17.902 ug/l    | 95     |
| 34) Benzene                   | 8.05 | 78  | 318546 | 19.045 ug/l    | 97     |
| 35) Methacrylonitrile         | 7.17 | 41  | 39761  | 19.055 ug/l #  | 70     |
| 36) 1,2-Dichloroethane        | 8.13 | 62  | 103643 | 18.533 ug/l    | 97     |
| 37) Trichloroethene           | 8.84 | 130 | 76853  | 18.358 ug/l    | 93     |
| 38) Methylcyclohexane         | 9.08 | 83  | 124070 | 17.804 ug/l    | 99     |
| 39) 1,2-Dichloropropane       | 9.12 | 63  | 83095  | 18.663 ug/l    | 93     |
| 40) Dibromomethane            | 9.21 | 93  | 52042  | 18.963 ug/l    | 98     |

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 Operator : MD\SY  
 Sample : VN1101WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1101WBSD01

Manual Integrations  
 APPROVED

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 11/2/2018 9:21:26 AM

Quant Time: Nov 02 06:56:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\624N110118W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Nov 02 05:39:38 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 41) Bromodichloromethane       | 9.40  | 83   | 103644   | 18.458  | ug/l   | 99       |
| 42) Vinyl Acetate              | 5.90  | 43   | 851298   | 95.588  | ug/l   | 100      |
| 43) Ethyl Acetate              | 6.84  | 43   | 149049m  | 19.496  | ug/l   |          |
| 44) Isopropyl Acetate          | 8.17  | 43   | 127104   | 20.080  | ug/l   | 92       |
| 45) 1,4-Dioxane                | 9.20  | 88   | 12687    | 439.361 | ug/l # | 82       |
| 46) Methyl methacrylate        | 9.20  | 41   | 65424    | 20.764  | ug/l   | 91       |
| 47) n-amyl Acetate             | 12.07 | 43   | 106719   | 18.600  | ug/l # | 100      |
| 48) t-1,3-Dichloropropene      | 10.38 | 75   | 101024   | 18.118  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene    | 9.84  | 75   | 117971   | 18.331  | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane      | 10.56 | 97   | 68980    | 19.008  | ug/l   | 98       |
| 51) Ethyl methacrylate         | 10.43 | 69   | 87552    | 18.667  | ug/l   | 98       |
| 52) 1,3-Dichloropropane        | 10.71 | 76   | 120481   | 19.059  | ug/l   | 98       |
| 53) Dibromochloromethane       | 10.90 | 129  | 72582    | 18.526  | ug/l   | 96       |
| 54) 1,2-Dibromoethane          | 11.01 | 107  | 68668    | 18.659  | ug/l   | 97       |
| 55) 2-Chloroethyl vinyl ether  | 9.70  | 63   | 256319   | 99.798  | ug/l   | 99       |
| 56) Bromoform                  | 12.13 | 173  | 38476    | 17.003  | ug/l   | 97       |
| 58) 4-Methyl-2-Pentanone       | 9.99  | 43   | 338197   | 98.307  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 223149   | 94.207  | ug/l   | 99       |
| 61) Tetrachloroethene          | 10.63 | 164  | 65276    | 18.695  | ug/l   | 93       |
| 62) Toluene                    | 10.16 | 91   | 346342   | 19.217  | ug/l   | 98       |
| 64) Chlorobenzene              | 11.43 | 112  | 213541   | 18.695  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 70829    | 18.219  | ug/l   | 98       |
| 66) Ethyl Benzene              | 11.51 | 91   | 368136   | 18.910  | ug/l   | 98       |
| 67) m/p-Xylenes                | 11.62 | 106  | 282624   | 37.709  | ug/l   | 99       |
| 68) o-Xylene                   | 11.95 | 106  | 135607   | 18.978  | ug/l   | 99       |
| 69) Styrene                    | 11.96 | 104  | 218583   | 18.983  | ug/l   | 99       |
| 70) Isopropylbenzene           | 12.25 | 105  | 364599   | 19.007  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 81241    | 19.255  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane     | 12.55 | 75   | 74200m   | 20.001  | ug/l   |          |
| 73) Bromobenzene               | 12.53 | 156  | 78844    | 18.549  | ug/l   | 98       |
| 74) n-propylbenzene            | 12.59 | 91   | 417657   | 18.697  | ug/l   | 98       |
| 75) 2-Chlorotoluene            | 12.67 | 91   | 243865   | 18.936  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 293884   | 19.106  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene    | 12.30 | 75   | 19923    | 17.164  | ug/l   | 96       |
| 78) 4-Chlorotoluene            | 12.77 | 91   | 247225   | 19.063  | ug/l   | 99       |
| 79) tert-butylbenzene          | 12.99 | 119  | 257476   | 19.216  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 291824   | 19.044  | ug/l   | 97       |
| 81) sec-Butylbenzene           | 13.17 | 105  | 345304   | 18.726  | ug/l   | 100      |
| 82) p-Isopropyltoluene         | 13.29 | 119  | 291470   | 18.704  | ug/l   | 100      |
| 83) 1,3-Dichlorobenzene        | 13.28 | 146  | 144180   | 19.177  | ug/l   | 95       |
| 84) 1,4-Dichlorobenzene        | 13.36 | 146  | 140024   | 18.813  | ug/l   | 96       |
| 85) n-Butylbenzene             | 13.62 | 91   | 246634   | 18.286  | ug/l   | 99       |
| 86) Hexachloroethane           | 13.87 | 117  | 47045    | 17.890  | ug/l   | 98       |
| 87) 1,2-Dichlorobenzene        | 13.65 | 146  | 132327   | 18.525  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 10802    | 18.723  | ug/l   | 92       |
| 89) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 51094    | 17.621  | ug/l   | 99       |
| 90) Hexachlorobutadiene        | 15.01 | 225  | 29586    | 18.650  | ug/l   | 97       |
| 91) Naphthalene                | 15.13 | 128  | 120643   | 18.051  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene     | 15.32 | 180  | 46904    | 18.560  | ug/l   | 99       |

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Acq On : 1 Nov 2018 13:20  
Operator : MD\SY  
Sample : VN1101WBSD01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 11 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

Manual Integrations  
APPROVED

MMDadoda  
11/2/2018 9:21:26 AM

Quant Time: Nov 02 06:56:28 2018  
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Nov 02 05:39:38 2018  
Response via : Initial Calibration

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

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

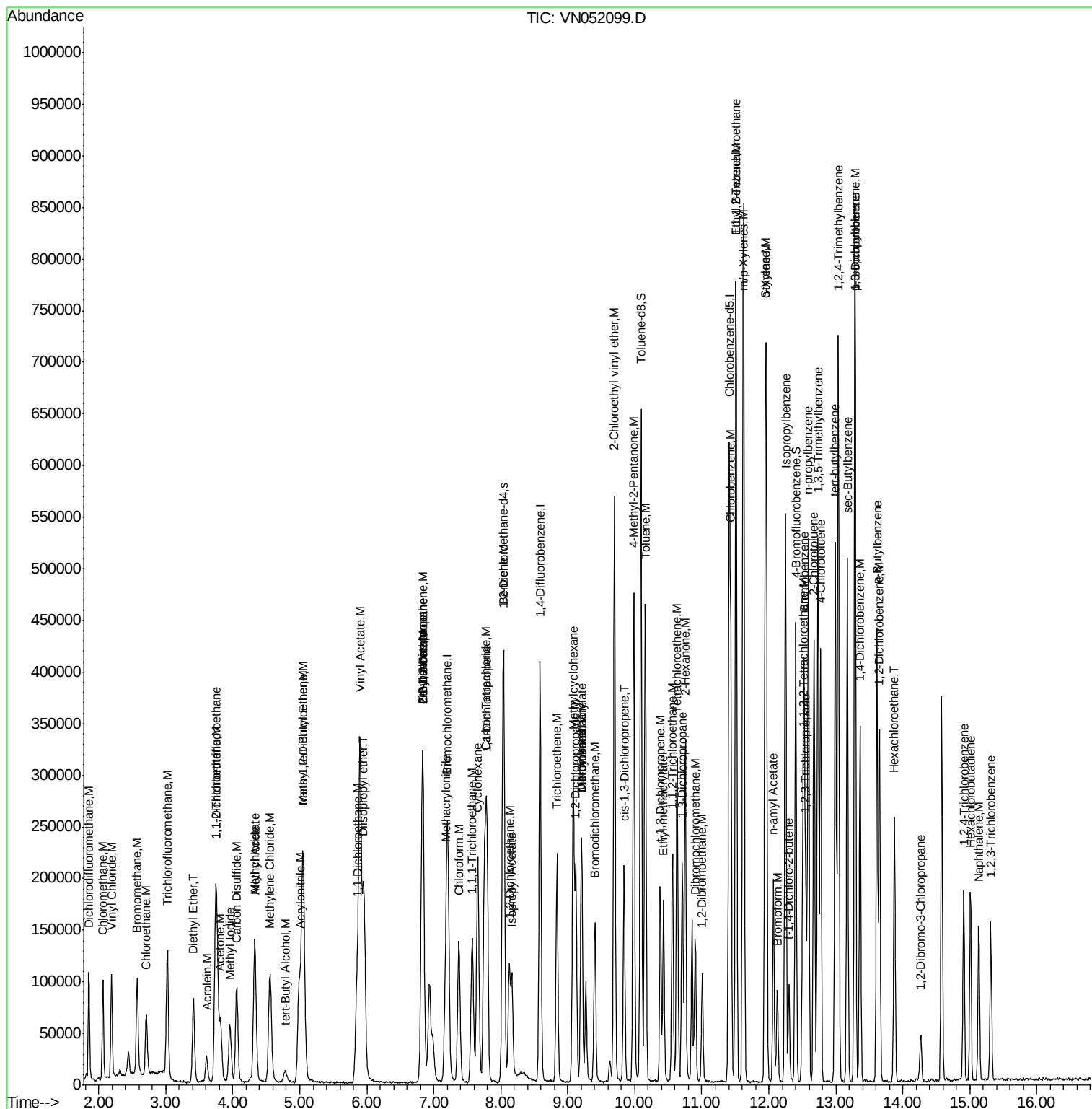
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Data File : VN052099.D  
Acq On : 1 Nov 2018 13:20  
Operator : MD\SY  
Sample : VN1101WBSD01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 11 Sample Multiplier: 28

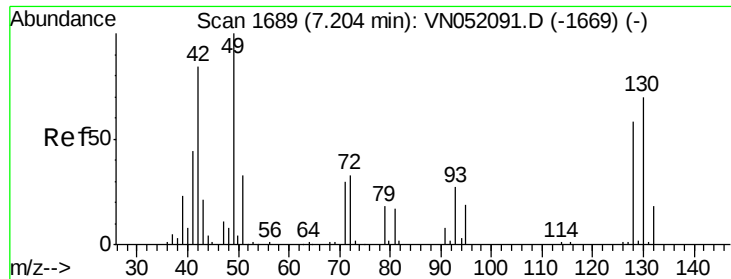
Instrument :  
MSVOA\_N  
Client Sample Id :  
VN1101WBSD01

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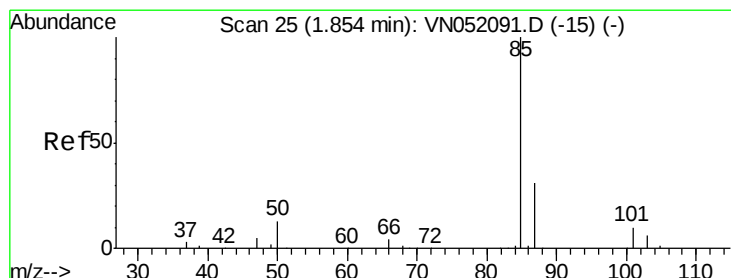
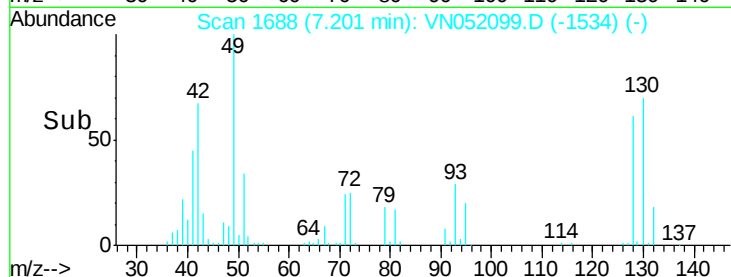
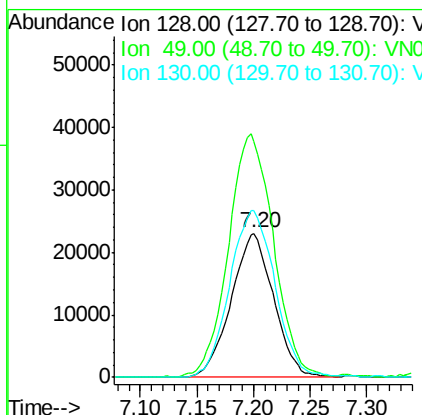
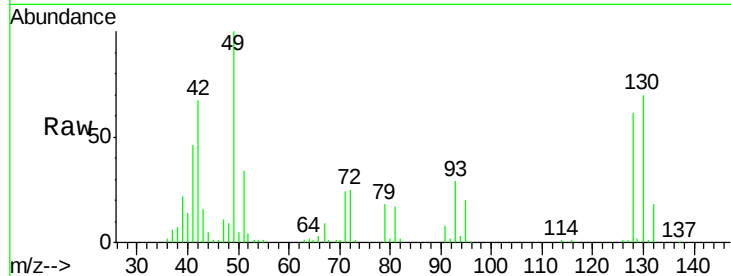
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Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.20 min Scan# 1688  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 49      | 180.4 | 0.0   | 453.7 |
| 130     | 124.3 | 0.0   | 308.8 |

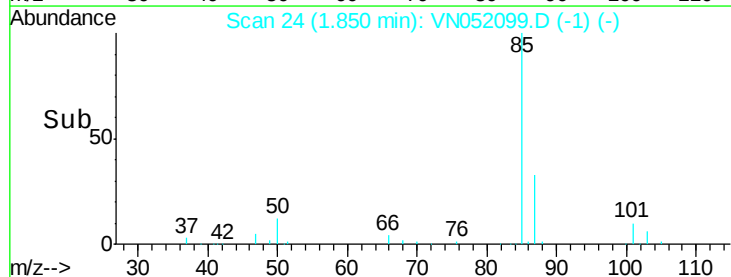
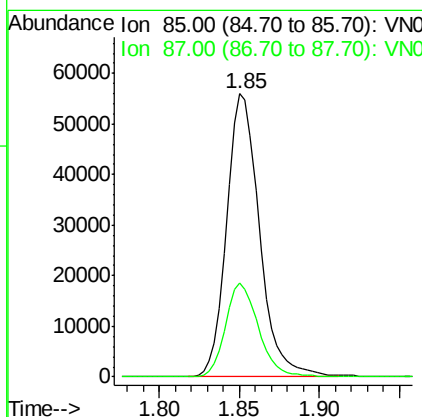
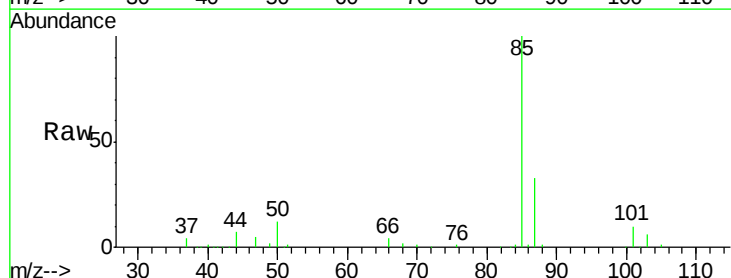
Manual Integrations  
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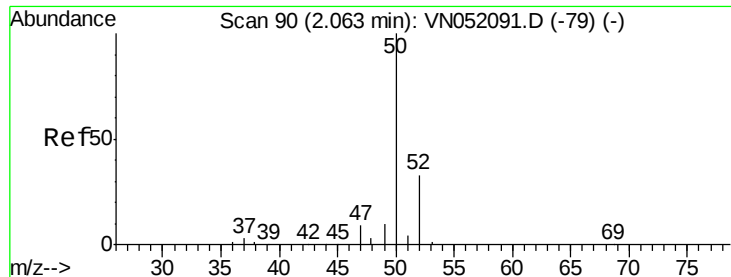
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11/2/2018 9:21:26 AM



#2  
Dichlorodifluoromethane  
Concen: 19.640 ug/l  
RT: 1.85 min Scan# 24  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 33.2  | 15.7  | 47.1  |





#3

Chloromethane

Concen: 19.724 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA\_N

ClientSampleId :

VN1101WBSD01

Tgt Ion: 50 Resp: 90370

Ion Ratio Lower Upper

50 100

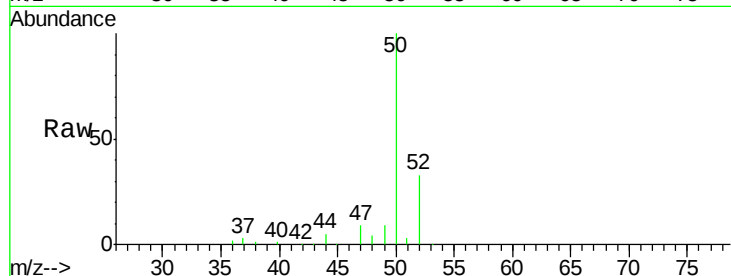
52 32.9 26.5 39.7

Manual Integrations

APPROVED

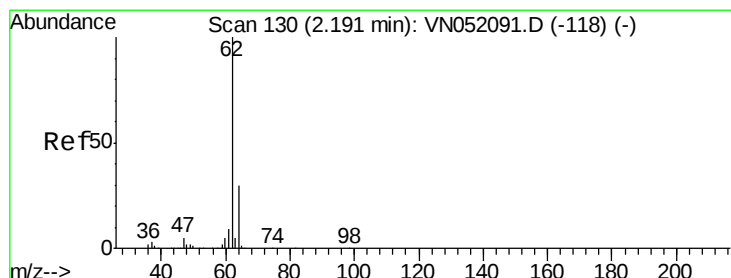
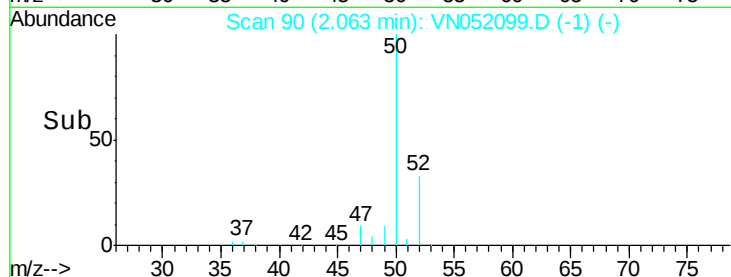
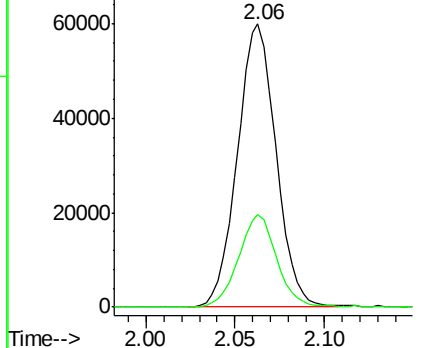
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11/2/2018 9:21:26 AM



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.115 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052099.D

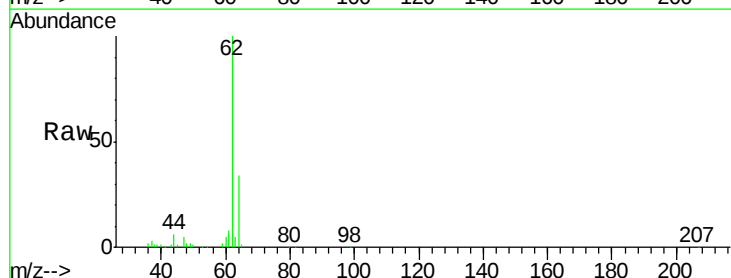
Acq: 1 Nov 2018 13:20

Tgt Ion: 62 Resp: 90410

Ion Ratio Lower Upper

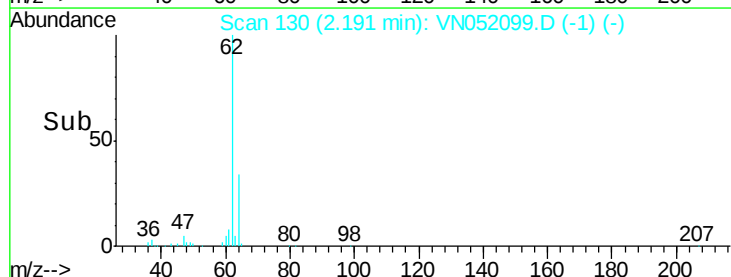
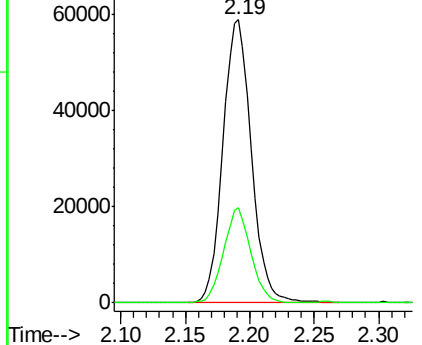
62 100

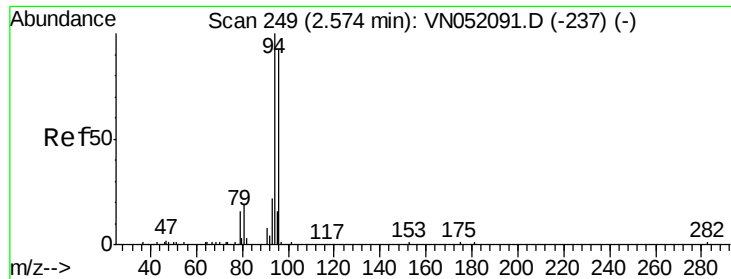
64 33.9 24.2 36.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 20.843 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA\_N

ClientSampleId :

VN1101WBSD01

Tgt Ion: 94 Resp: 63944

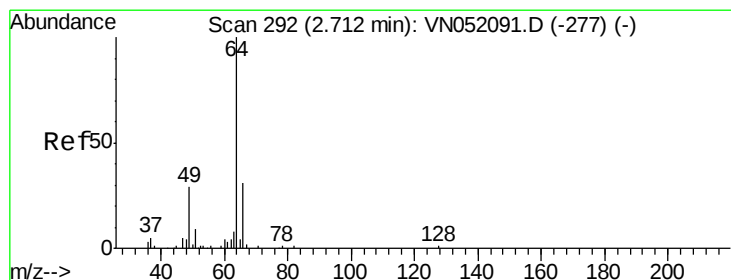
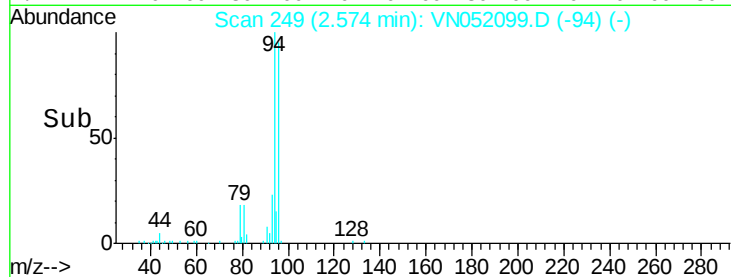
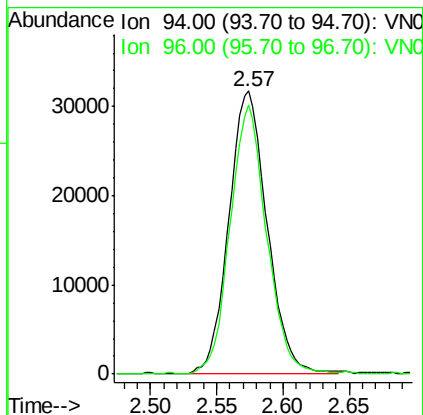
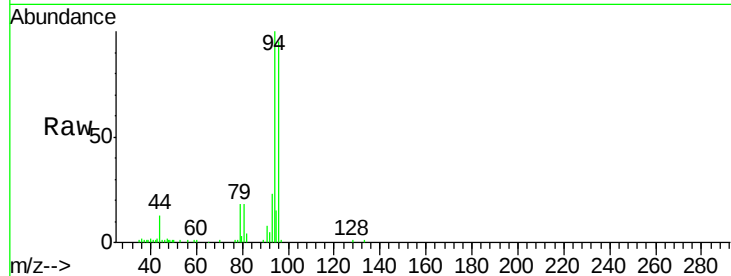
Ion Ratio Lower Upper

94 100

96 95.3 73.4 110.0

Manual Integrations  
APPROVED

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11/2/2018 9:21:26 AM



#6

Chloroethane

Concen: 19.563 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN052099.D

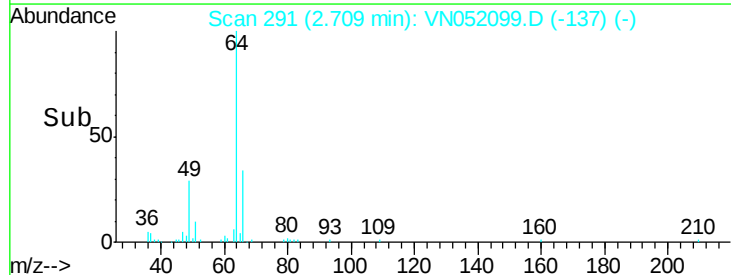
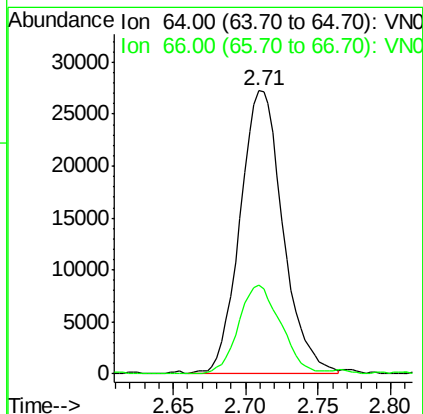
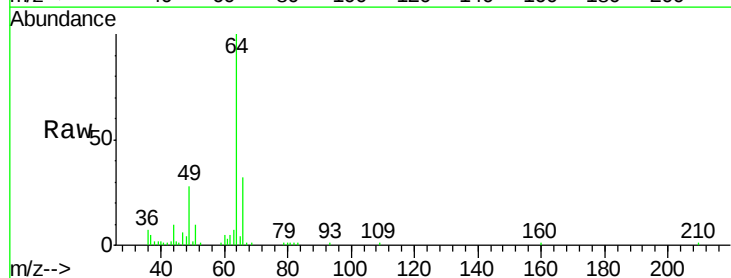
Acq: 1 Nov 2018 13:20

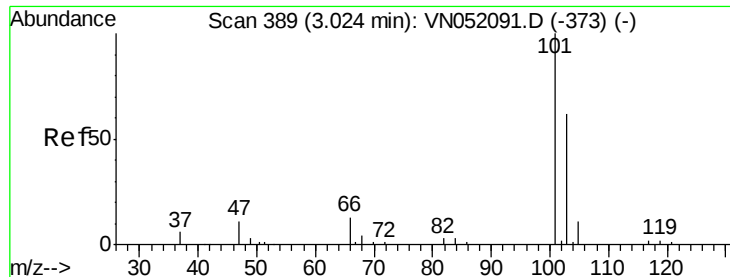
Tgt Ion: 64 Resp: 56223

Ion Ratio Lower Upper

64 100

66 31.5 24.7 37.1





#7

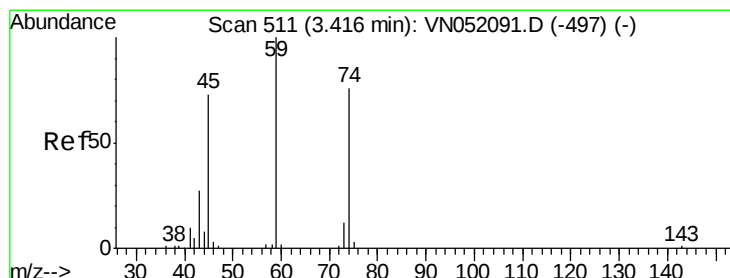
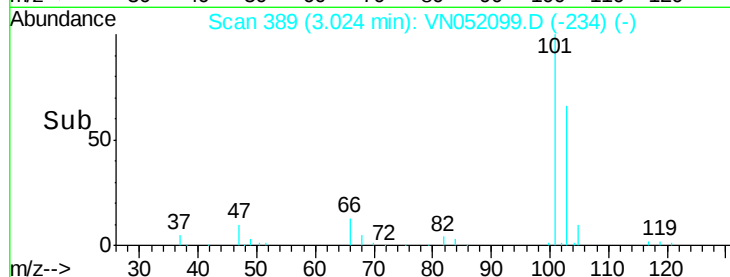
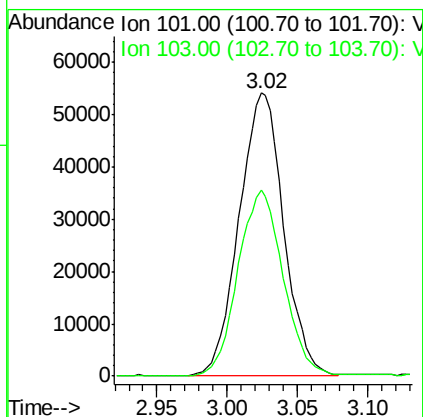
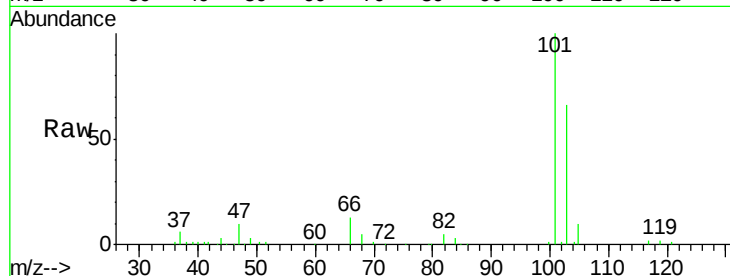
Trichlorofluoromethane  
Concen: 19.643 ug/l  
RT: 3.02 min Scan# 389  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

Tgt Ion: 101 Resp: 119560  
Ion Ratio Lower Upper  
101 100  
103 65.6 49.5 74.3

Manual Integrations  
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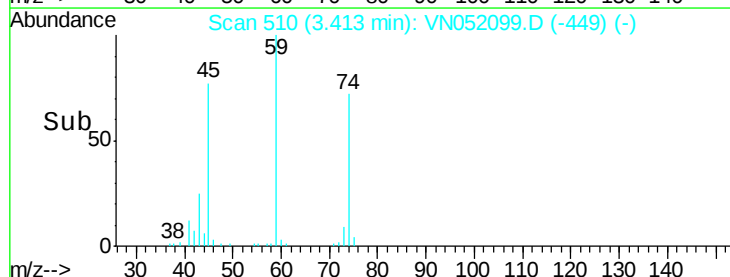
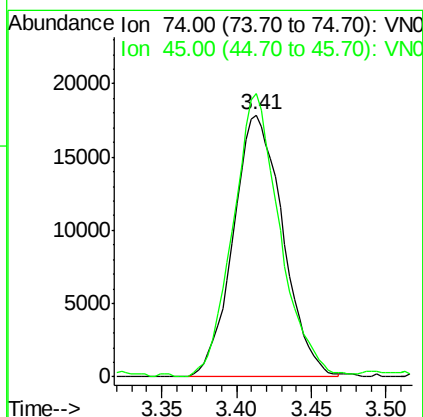
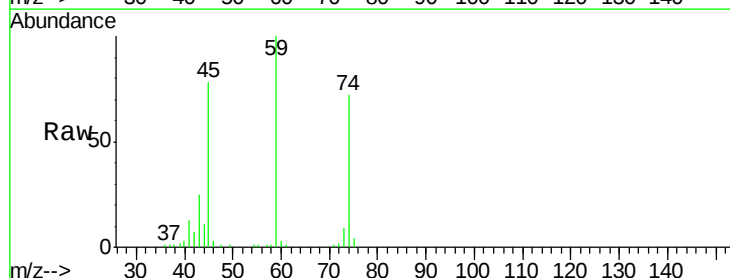
MMDadoda  
11/2/2018 9:21:26 AM

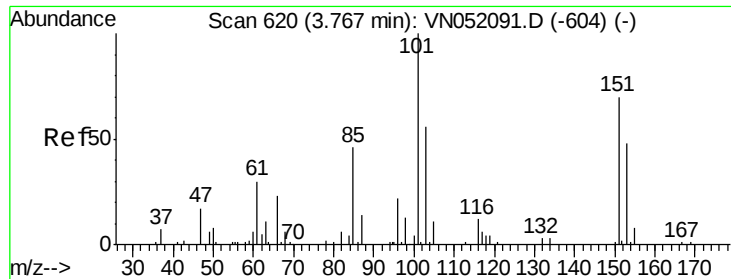


#8

Diethyl Ether  
Concen: 20.106 ug/l  
RT: 3.41 min Scan# 510  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Tgt Ion: 74 Resp: 41320  
Ion Ratio Lower Upper  
74 100  
45 102.4 19.4 174.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.039 ug/l m

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA\_N

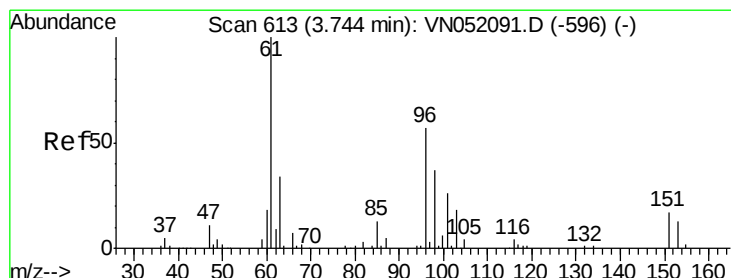
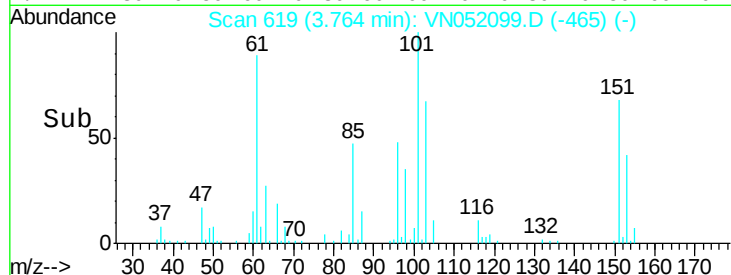
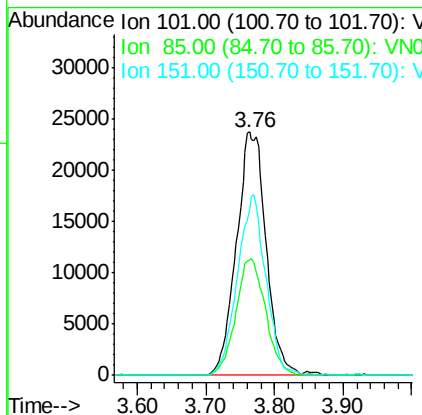
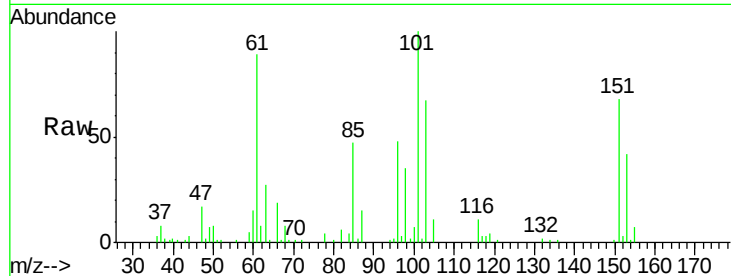
ClientSampleId :

VN1101WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 71288 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 47.5  | 0.0   | 98.0  |
| 151       | 70.5  | 0.0   | 139.6 |

Manual Integrations  
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11/2/2018 9:21:26 AM



#10

1,1-Dichloroethene

Concen: 19.242 ug/l

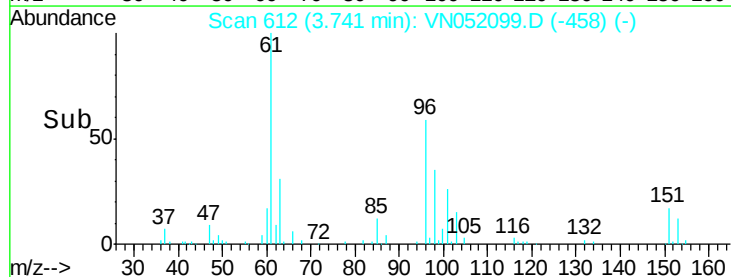
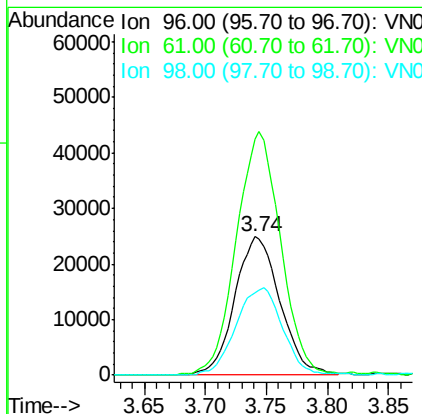
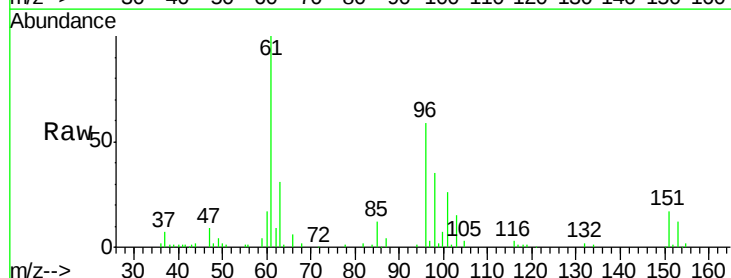
RT: 3.74 min Scan# 612

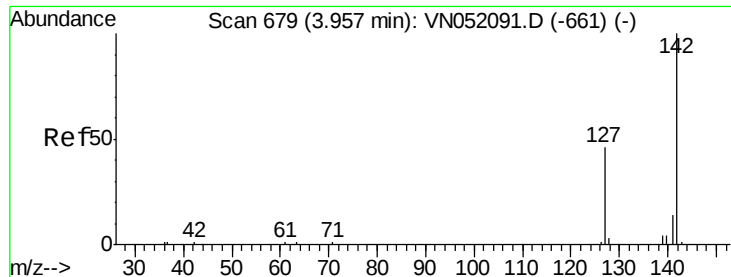
Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 63873 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 169.2 | 140.3 | 210.5 |
| 98        | 59.1  | 52.0  | 78.0  |





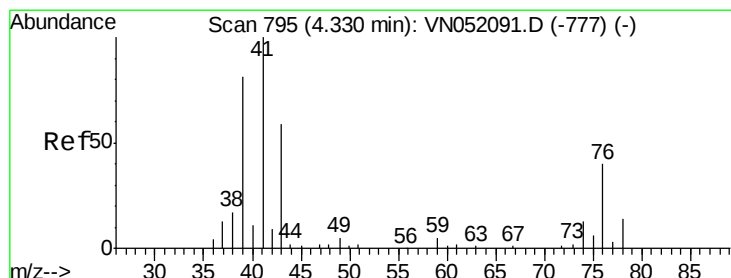
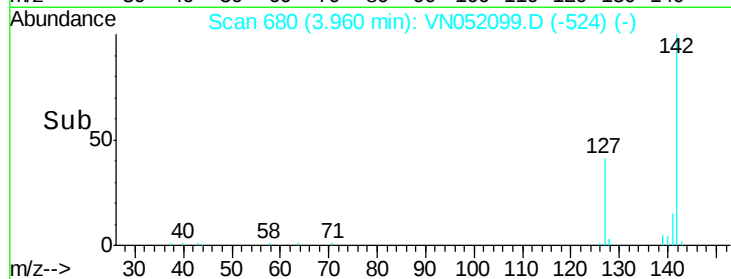
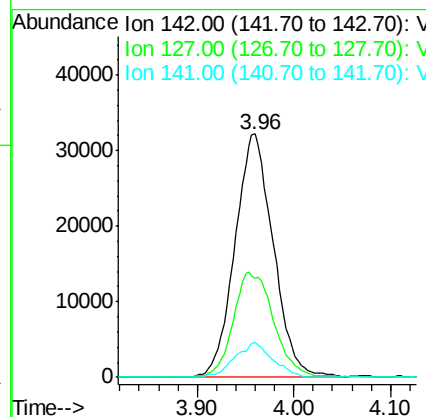
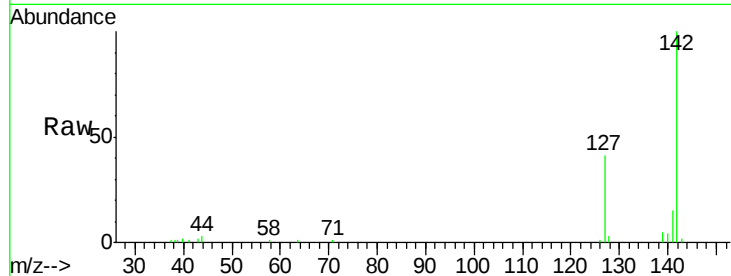
#11  
Methyl Iodide  
Concen: 18.470 ug/l  
RT: 3.96 min Scan# 680  
Delta R.T. 0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 40.8  | 23.1  | 69.2  |
| 141     | 14.6  | 7.0   | 20.9  |

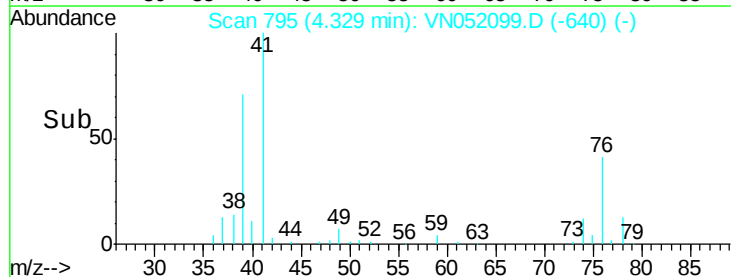
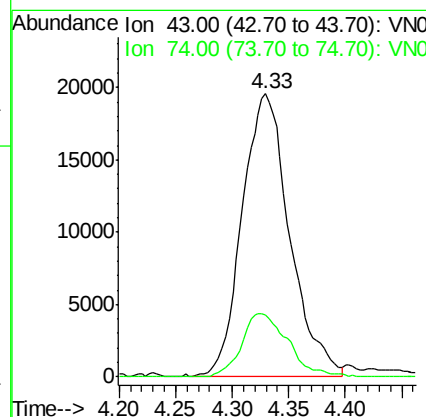
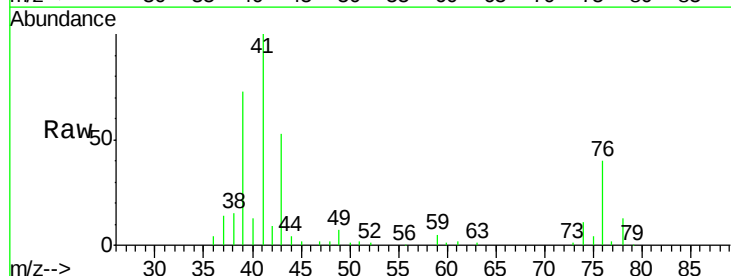
Manual Integrations  
APPROVED

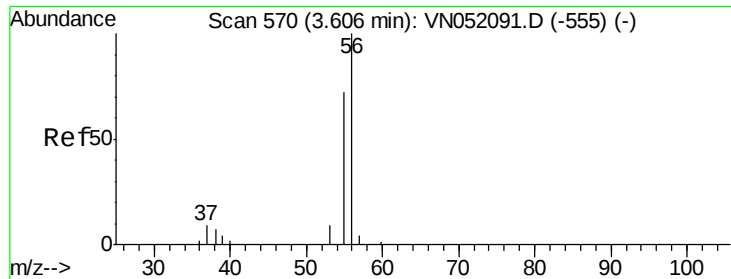
MMDadoda  
11/2/2018 9:21:26 AM



#12  
Methyl Acetate  
Concen: 20.508 ug/l  
RT: 4.33 min Scan# 795  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.5  | 17.4  | 26.2  |





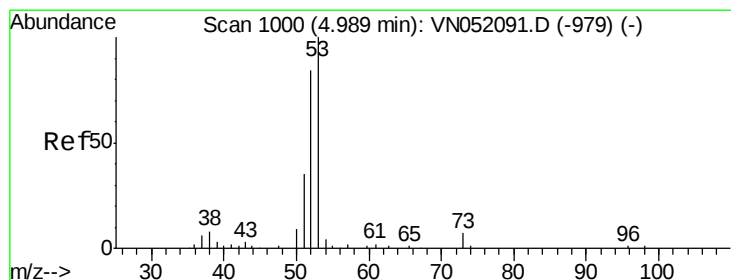
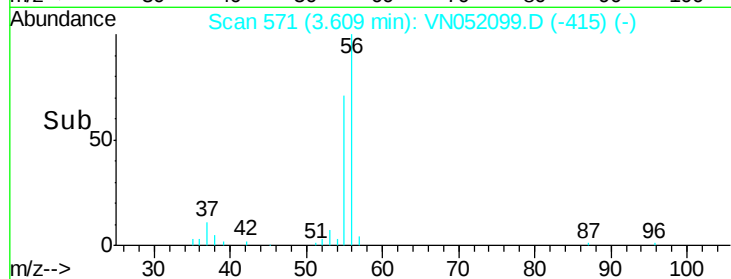
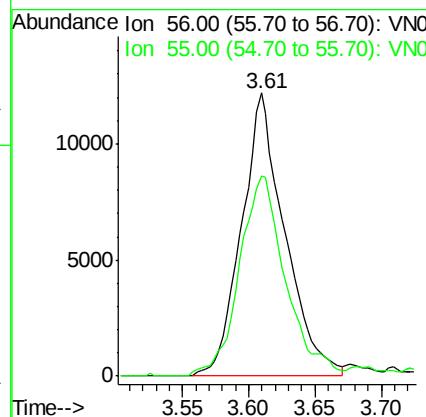
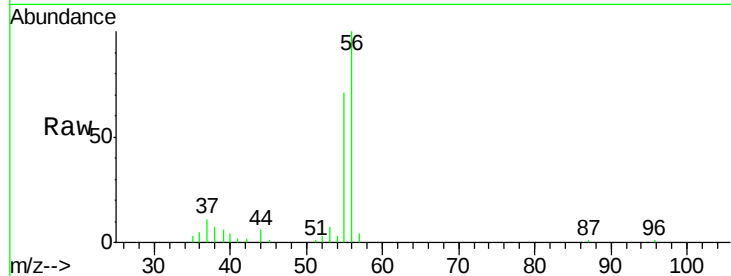
#13  
Acrolein  
Concen: 93.519 ug/l  
RT: 3.61 min Scan# 571  
Delta R.T. 0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

Tgt Ion: 56 Resp: 27714  
Ion Ratio Lower Upper  
56 100  
55 71.7 56.2 84.2

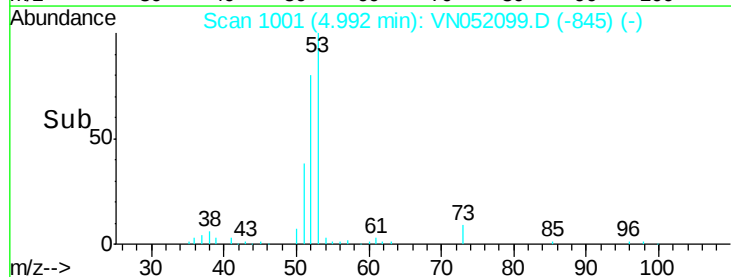
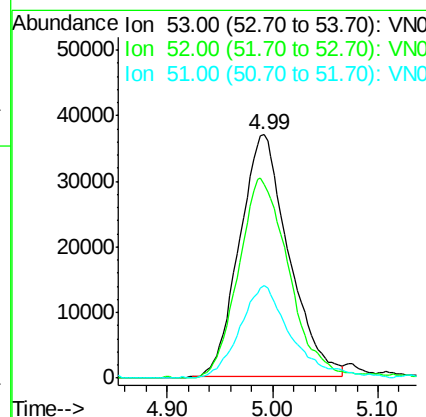
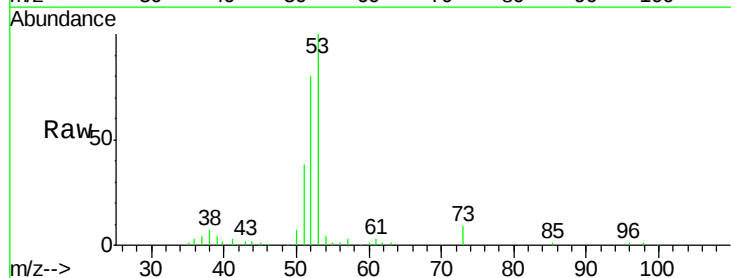
Manual Integrations  
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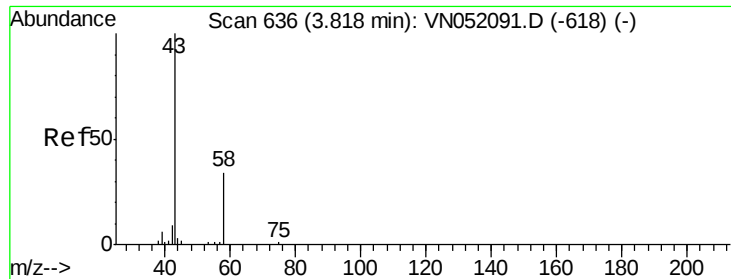
MMDadoda  
11/2/2018 9:21:26 AM



#14  
Acrylonitrile  
Concen: 96.850 ug/l  
RT: 4.99 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Tgt Ion: 53 Resp: 119998  
Ion Ratio Lower Upper  
53 100  
52 83.7 41.3 124.1  
51 39.5 18.6 55.6





#15

Acetone

Concen: 99.193 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA\_N

ClientSampleId :

VN1101WBSD01

Tgt Ion: 58 Resp: 29047

Ion Ratio Lower Upper

58 100

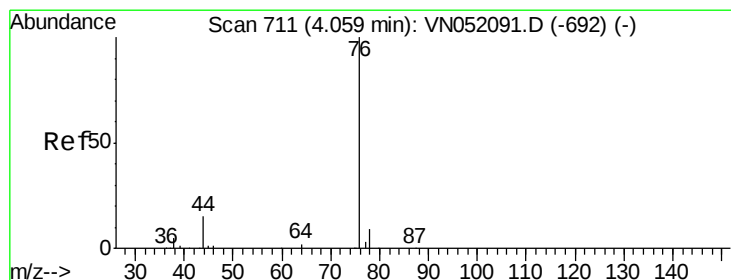
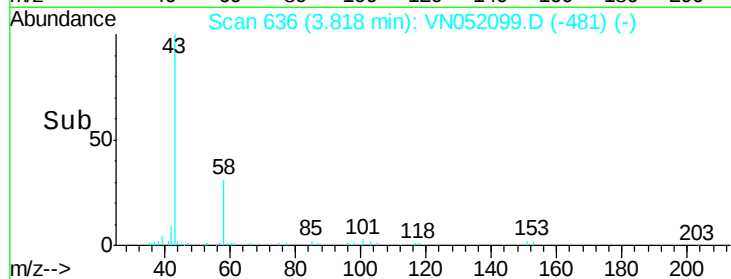
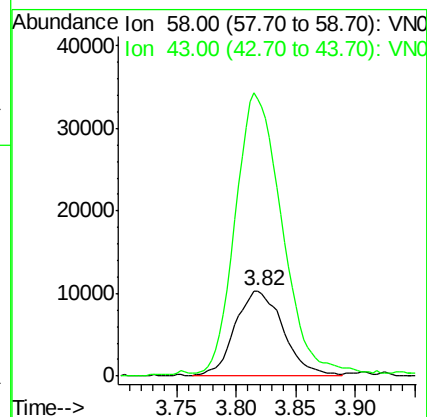
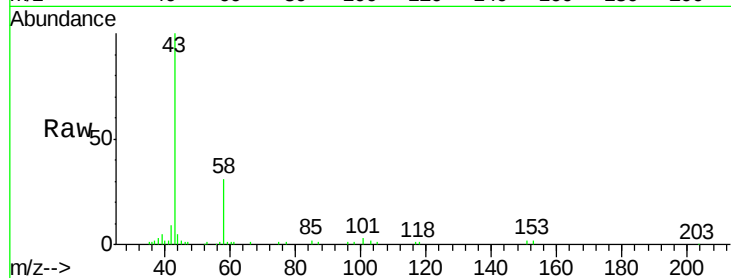
43 321.7 234.7 352.1

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.375 ug/l

RT: 4.06 min Scan# 711

Delta R.T. -0.00 min

Lab File: VN052099.D

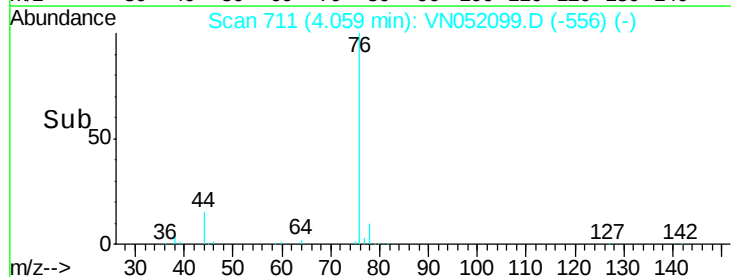
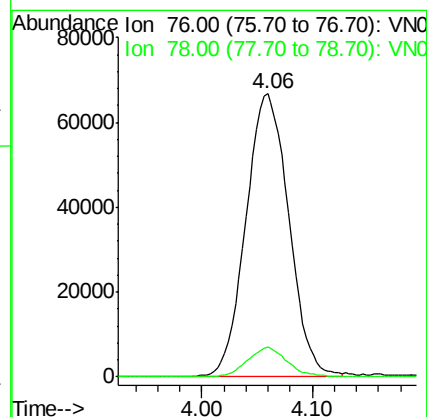
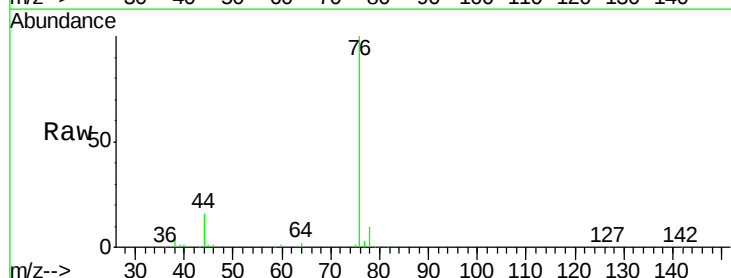
Acq: 1 Nov 2018 13:20

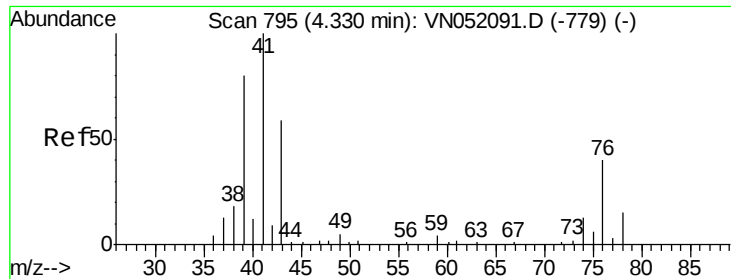
Tgt Ion: 76 Resp: 180094

Ion Ratio Lower Upper

76 100

78 10.5 7.0 10.6





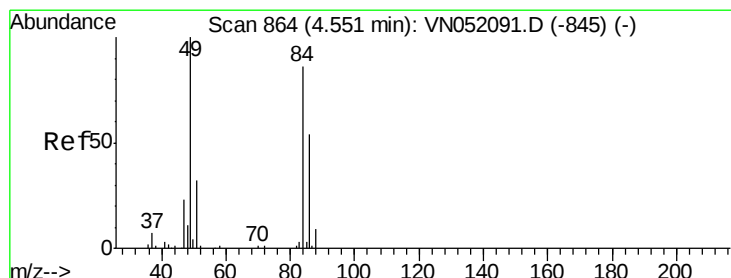
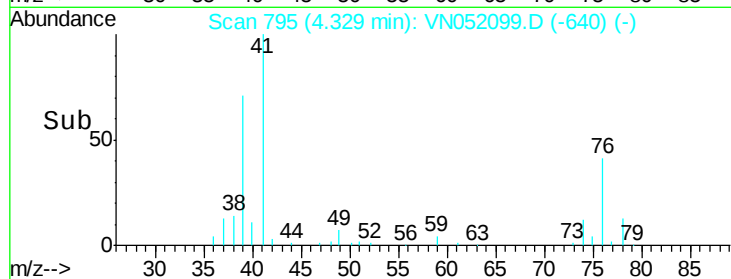
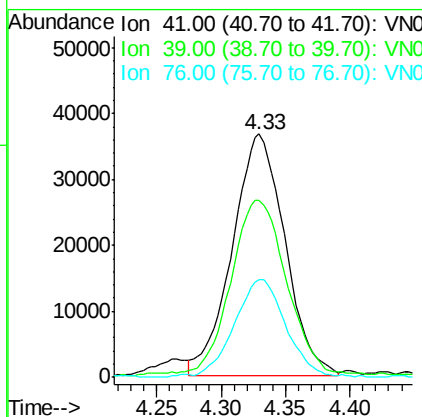
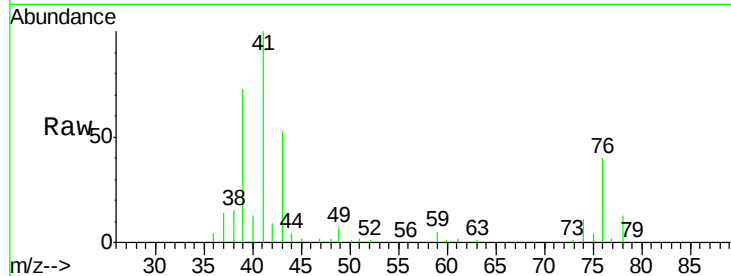
#17  
 Allyl chloride  
 Concen: 18.509 ug/l  
 RT: 4.33 min Scan# 795  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 71.7  | 38.4  | 115.1 |
| 76      | 40.2  | 18.8  | 56.3  |

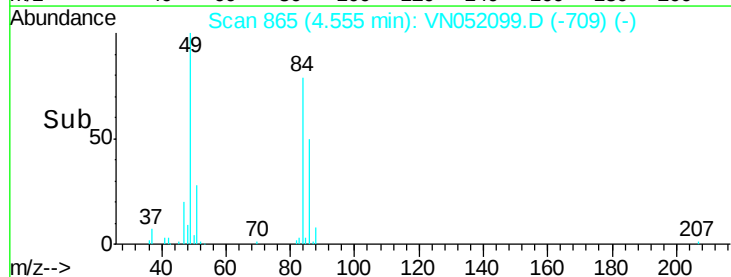
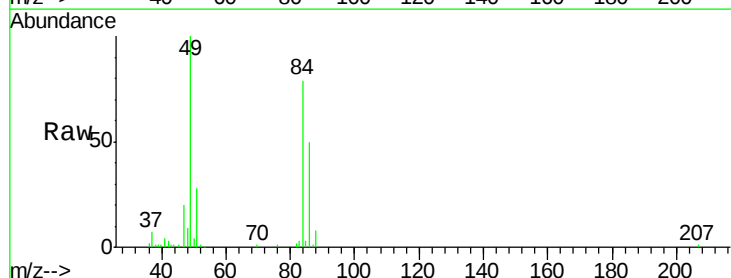
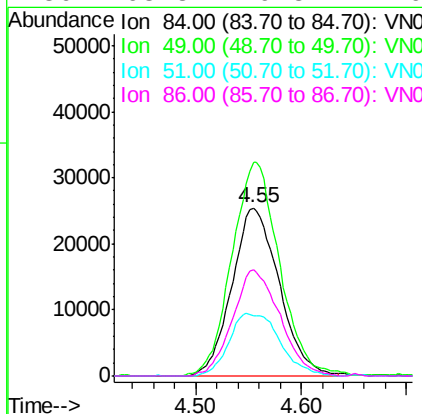
Manual Integrations  
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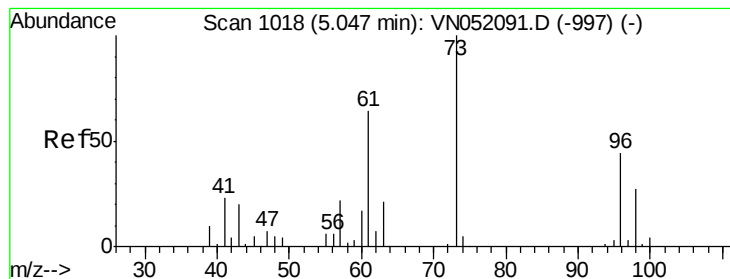
MMDadoda  
 11/2/2018 9:21:26 AM



#18  
 Methylene Chloride  
 Concen: 19.343 ug/l  
 RT: 4.55 min Scan# 865  
 Delta R.T. 0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 126.0 | 92.6  | 138.8 |
| 51      | 35.6  | 29.7  | 44.5  |
| 86      | 63.3  | 49.8  | 74.6  |





#19

trans-1,2-Dichloroethene

Concen: 19.538 ug/l

RT: 5.05 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA\_N

ClientSampleId :

VN1101WBSD01

Tgt Ion: 96 Resp: 71059

Ion Ratio Lower Upper

96 100

61 142.6 117.8 176.6

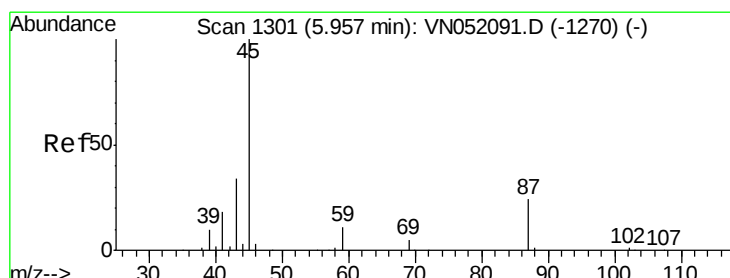
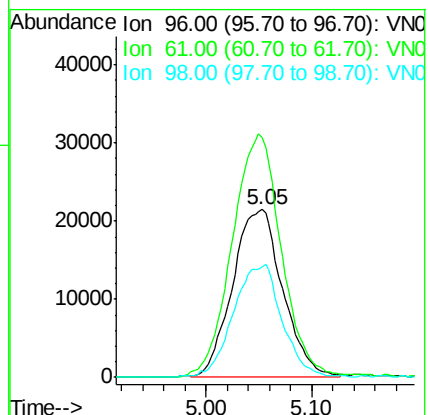
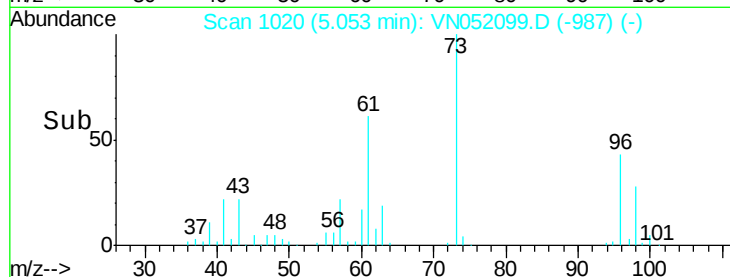
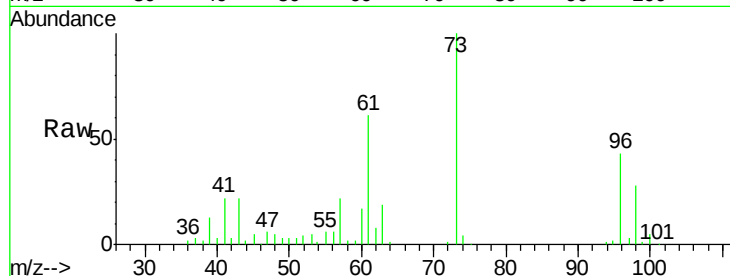
98 65.5 49.3 73.9

Manual Integrations

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#20

Diisopropyl ether

Concen: 20.114 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Tgt Ion: 45 Resp: 246338

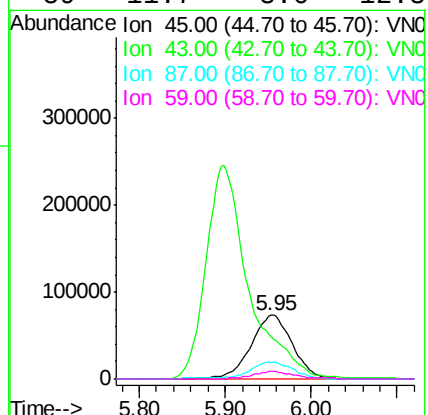
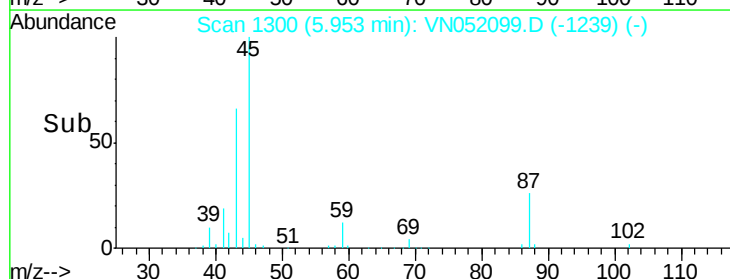
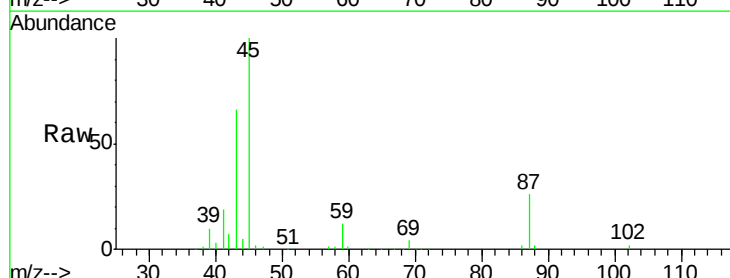
Ion Ratio Lower Upper

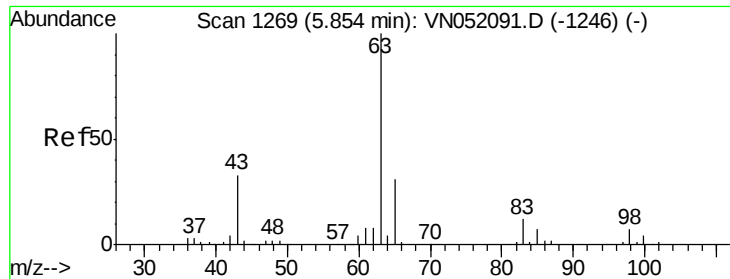
45 100

43 63.8 49.4 74.0

87 25.9 20.3 30.5

59 11.7 8.6 12.8





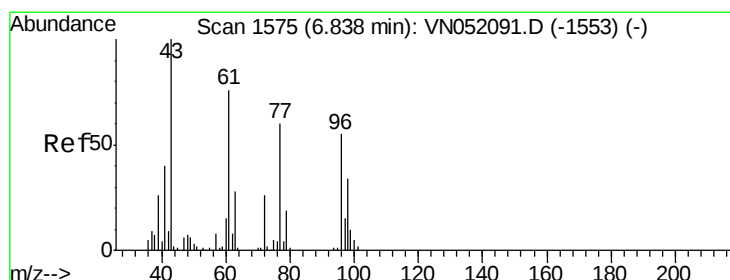
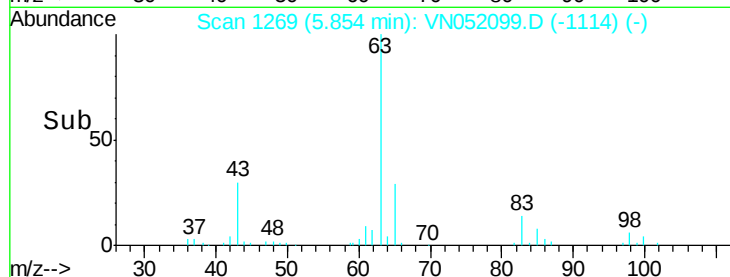
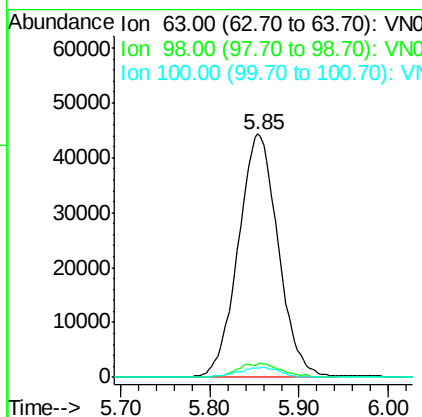
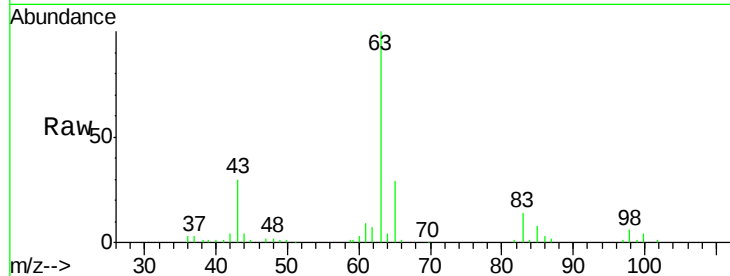
#21  
 1,1-Dichloroethane  
 Concen: 19.247 ug/l  
 RT: 5.85 min Scan# 1269  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1101WBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 63      | 100   | 137753 |       |       |
| 98      | 5.6   | 3.4    | 10.1  |       |
| 100     | 3.9   | 2.0    | 5.8   |       |

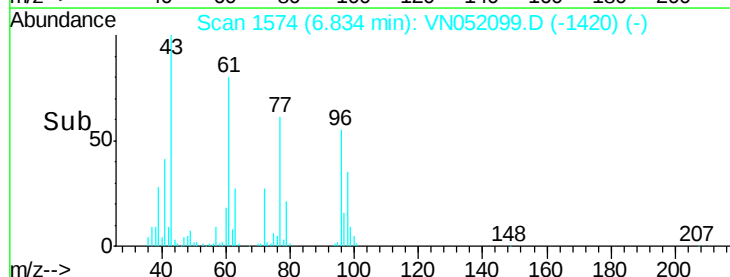
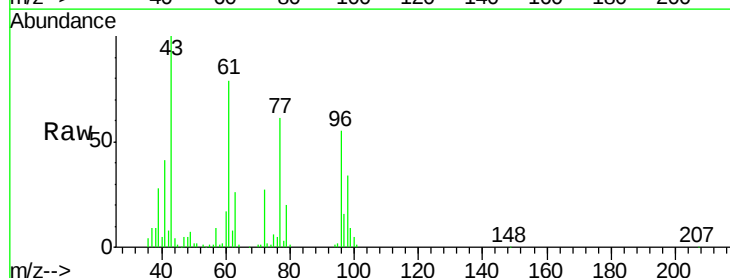
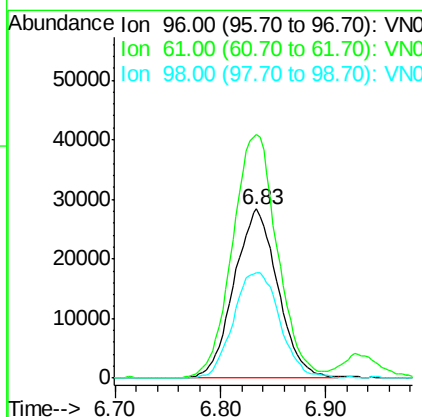
Manual Integrations  
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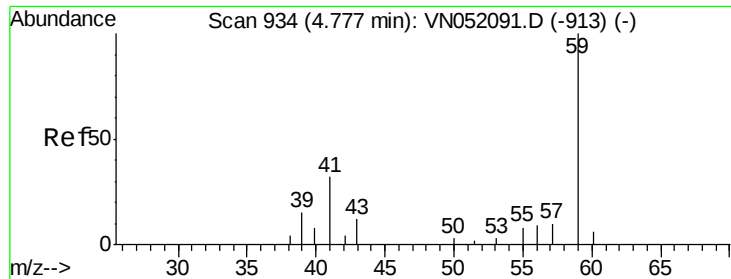
MMDadoda  
 11/2/2018 9:21:26 AM



#22  
 cis-1,2-Dichloroethene  
 Concen: 19.273 ug/l  
 RT: 6.83 min Scan# 1574  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 81852 |       |       |
| 61      | 147.7 | 117.6 | 176.4 |       |
| 98      | 66.2  | 51.0  | 76.4  |       |





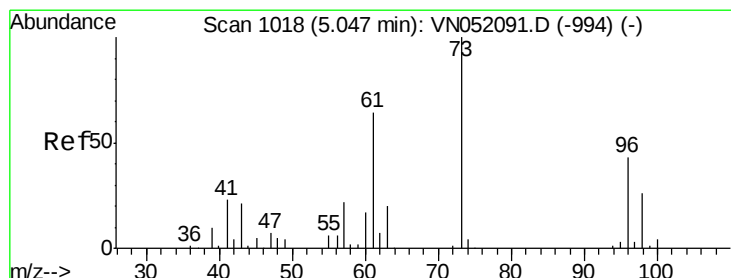
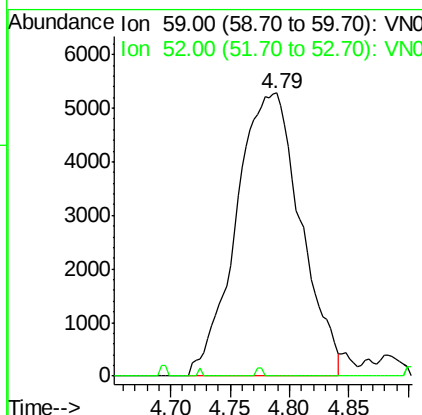
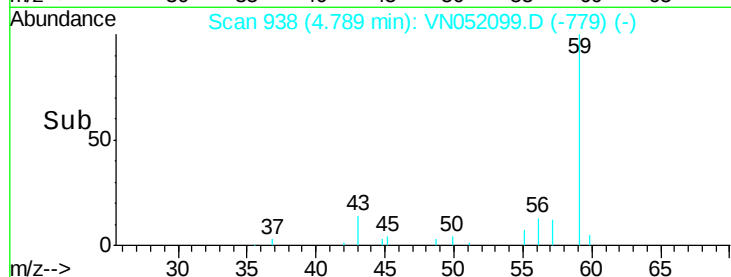
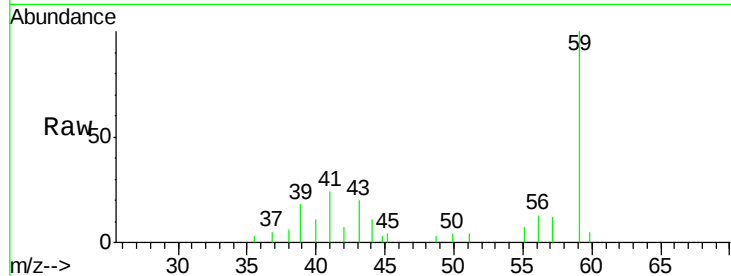
#23  
tert-Butyl Alcohol  
Concen: 102.685 ug/l  
RT: 4.79 min Scan# 938  
Delta R.T. 0.01 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

Tgt Ion: 59 Resp: 19823  
Ion Ratio Lower Upper  
59 100  
52 0.3 0.3 0.5#

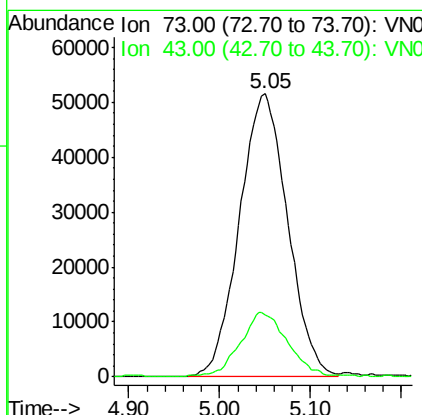
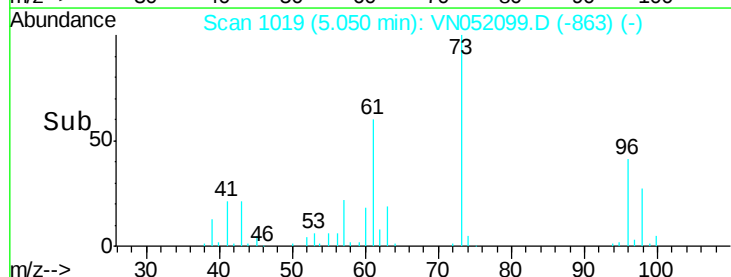
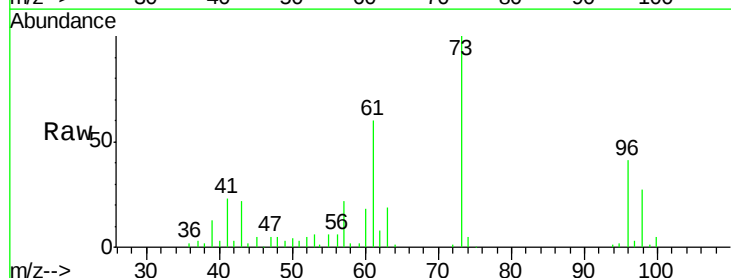
Manual Integrations  
APPROVED

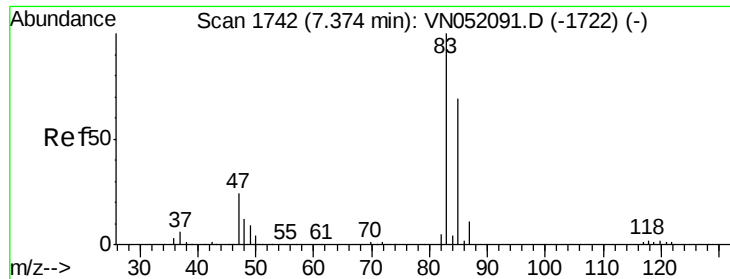
MMDadoda  
11/2/2018 9:21:26 AM



#24  
Methyl tert-Butyl Ether  
Concen: 20.148 ug/l  
RT: 5.05 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Tgt Ion: 73 Resp: 189603  
Ion Ratio Lower Upper  
73 100  
43 22.4 17.4 26.2





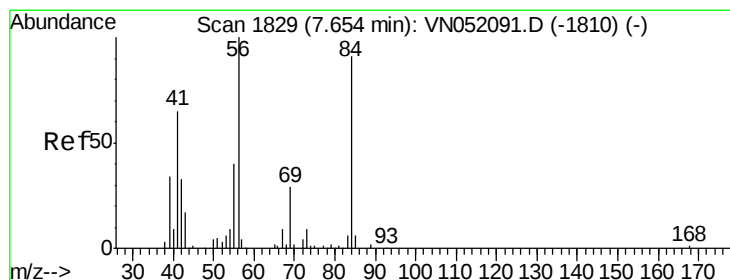
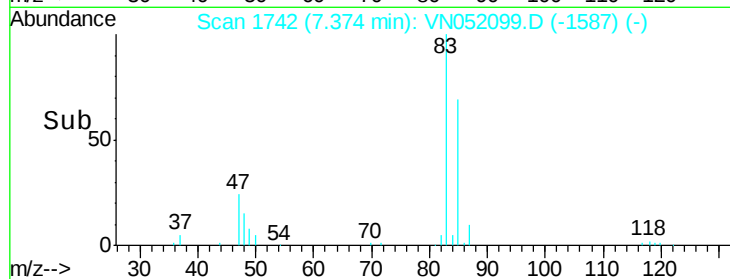
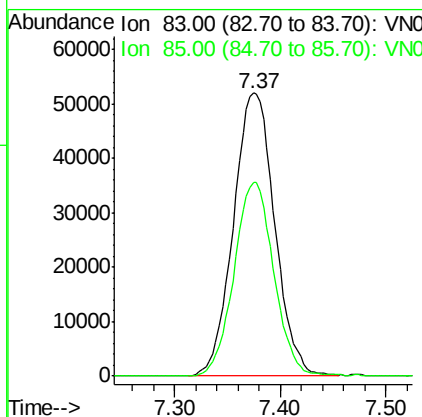
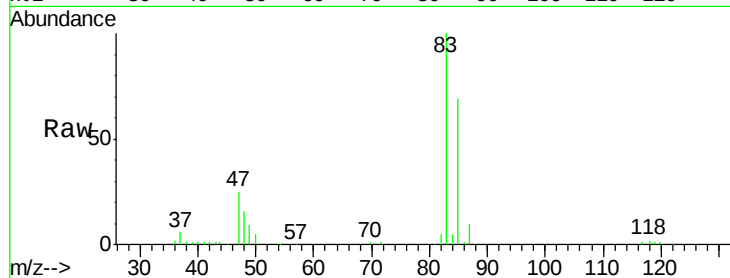
#25  
Chloroform  
Concen: 19.700 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

Tgt Ion: 83 Resp: 141577  
Ion Ratio Lower Upper  
83 100  
85 68.6 54.9 82.3

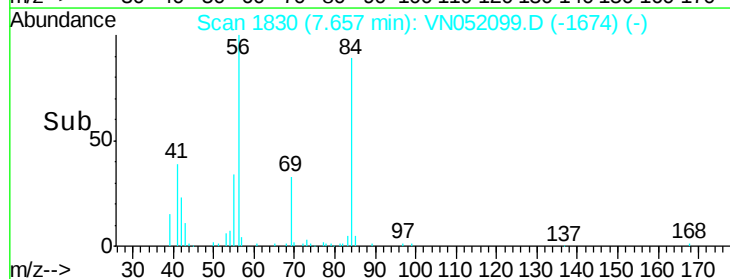
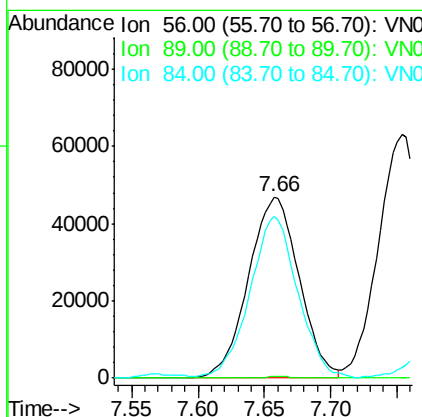
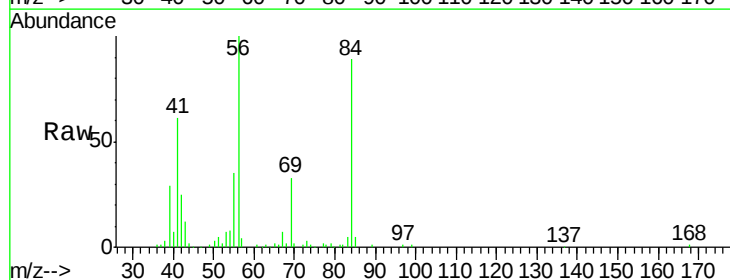
Manual Integrations  
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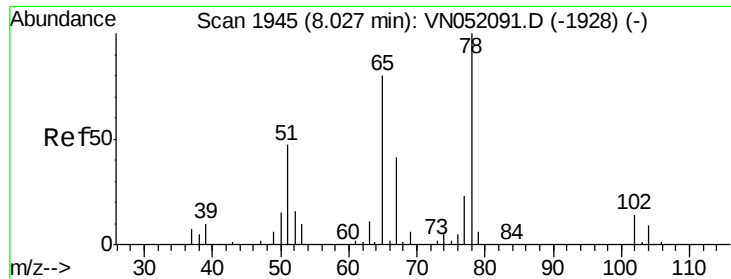
MMDadoda  
11/2/2018 9:21:26 AM



#26  
Cyclohexane  
Concen: 19.469 ug/l  
RT: 7.66 min Scan# 1830  
Delta R.T. 0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Tgt Ion: 56 Resp: 124912  
Ion Ratio Lower Upper  
56 100  
89 0.5 2.2 3.2#  
84 83.9 71.0 106.6





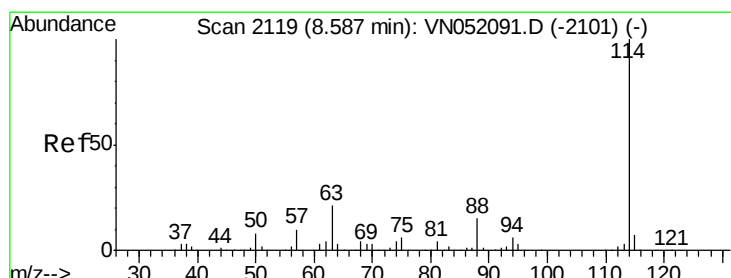
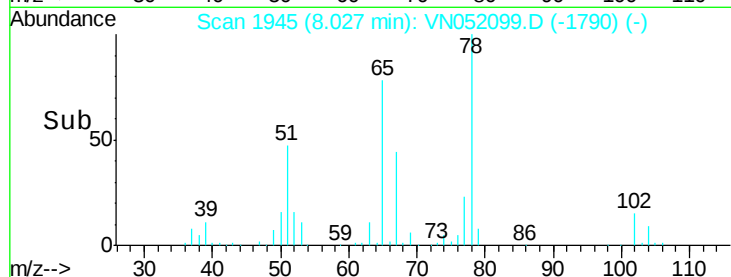
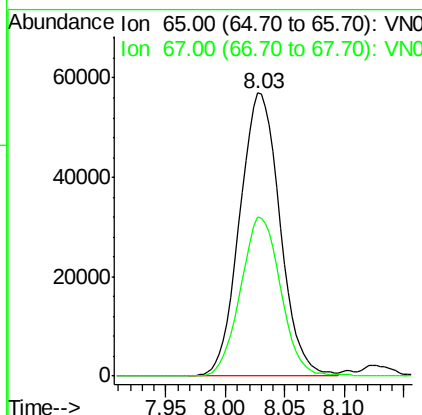
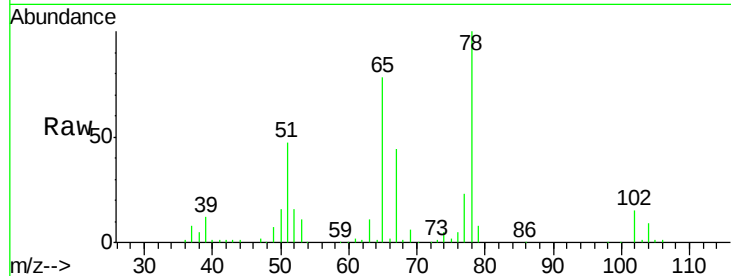
#27  
 1,2-Dichloroethane-d4  
 Concen: 19.469 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1101WBSD01

Tgt Ion: 65 Resp: 134108  
 Ion Ratio Lower Upper  
 65 100  
 67 55.3 42.6 64.0

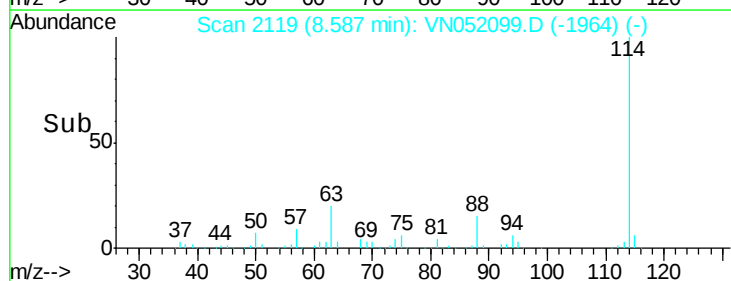
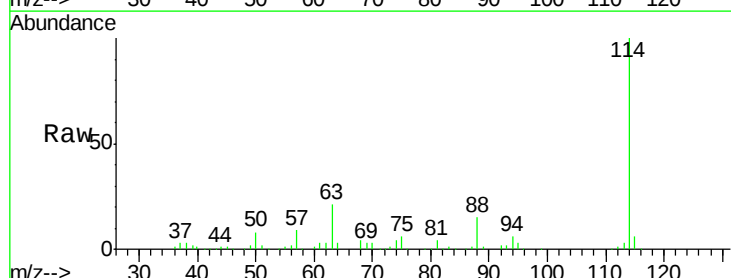
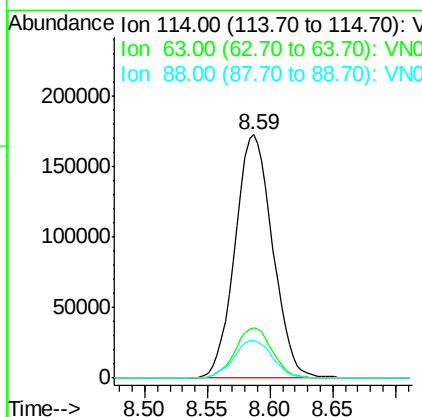
Manual Integrations  
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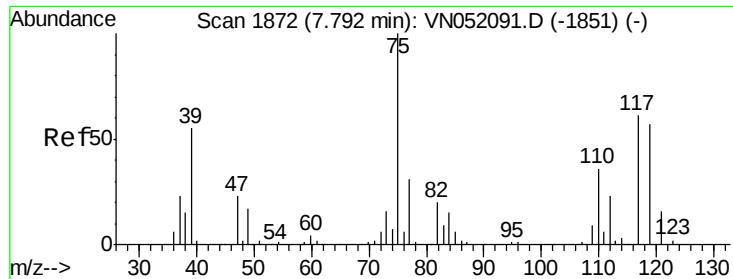
MMDadoda  
 11/2/2018 9:21:26 AM



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Tgt Ion: 114 Resp: 359807  
 Ion Ratio Lower Upper  
 114 100  
 63 20.6 17.5 26.3  
 88 16.0 12.6 18.8





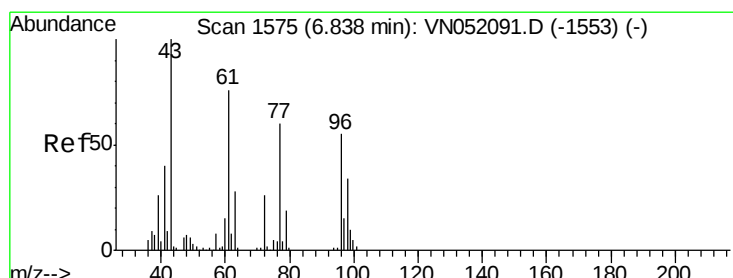
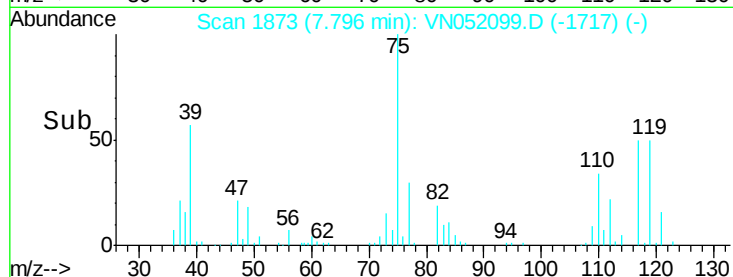
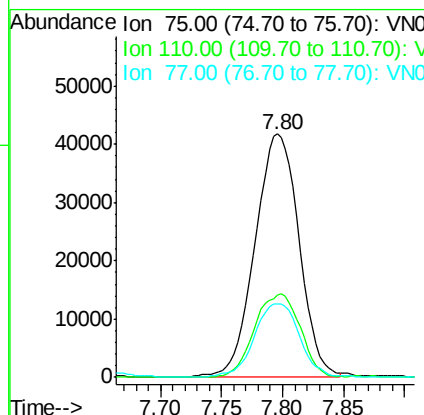
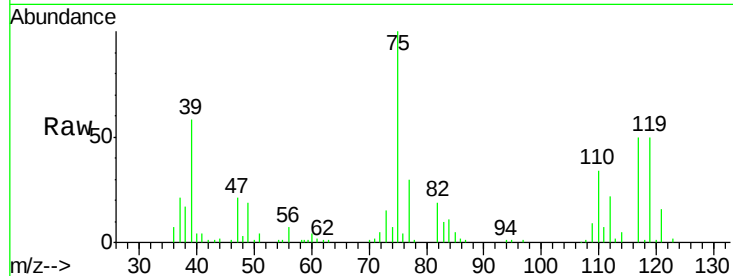
#29  
 1,1-Dichloropropene  
 Concen: 18.334 ug/l  
 RT: 7.80 min Scan# 1873  
 Delta R.T. 0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1101WBSD01

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 75      | 100   |            |       |
| 110     | 35.5  | 0.0        | 67.6  |
| 77      | 31.2  | 0.0        | 60.2  |

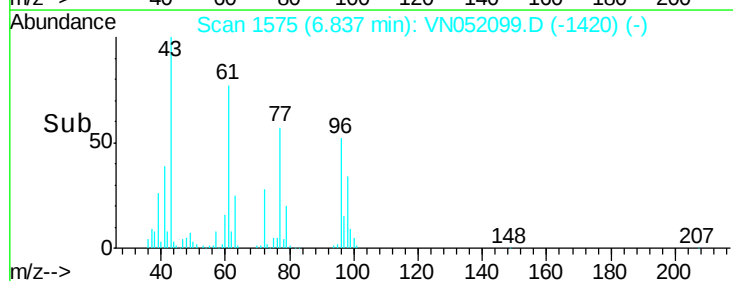
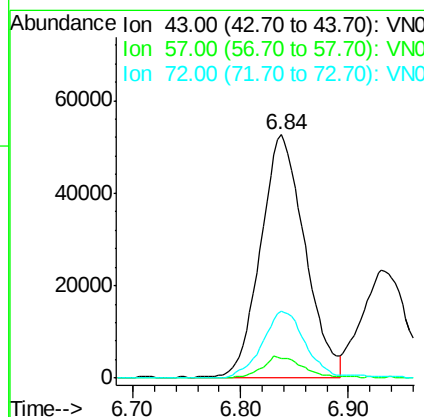
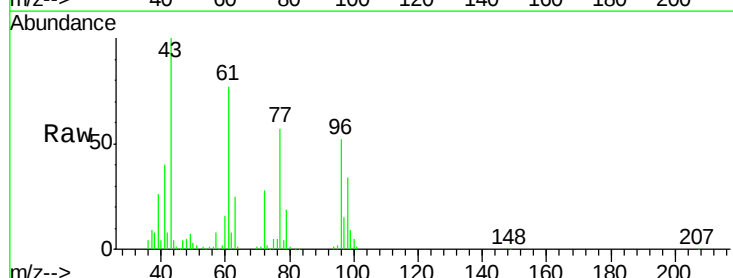
Manual Integrations  
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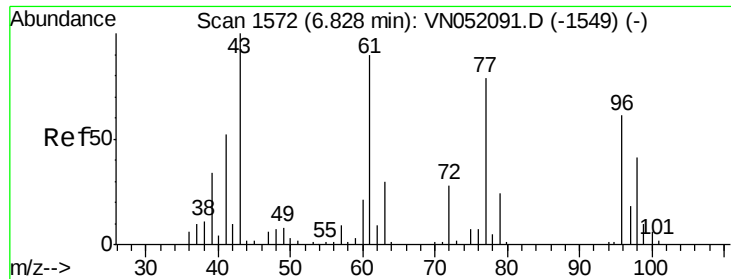
MMDadoda  
 11/2/2018 9:21:26 AM



#30  
 2-Butanone  
 Concen: 97.781 ug/l  
 RT: 6.84 min Scan# 1575  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 57      | 4.5   | 6.6   | 9.8#  |
| 72      | 26.7  | 9.2   | 13.8# |





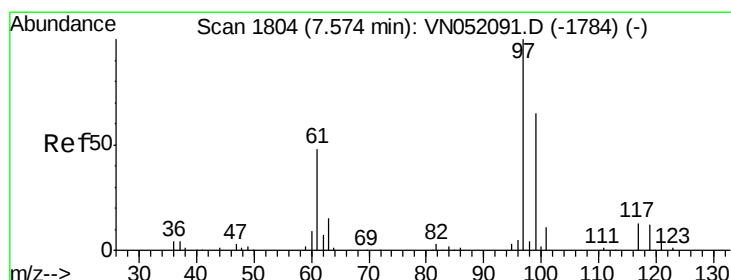
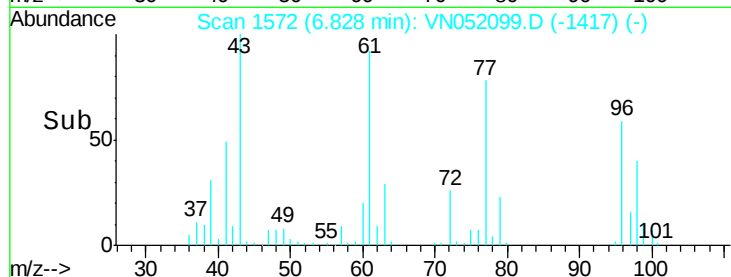
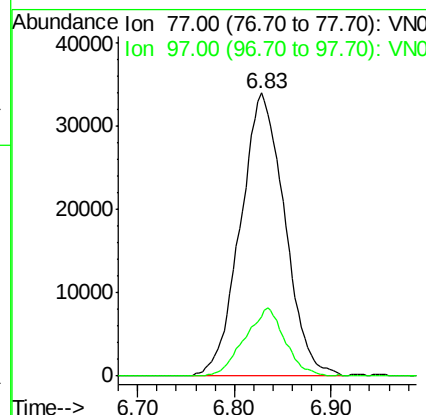
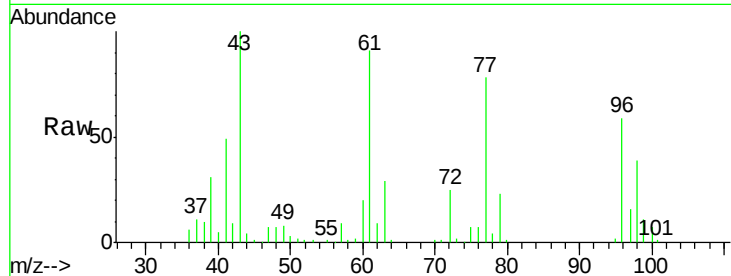
#31  
 2,2-Dichloropropane  
 Concen: 18.342 ug/l  
 RT: 6.83 min Scan# 1572  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1101WBSD01

Tgt Ion: 77 Resp: 107930  
 Ion Ratio Lower Upper  
 77 100  
 97 21.9 18.2 27.2

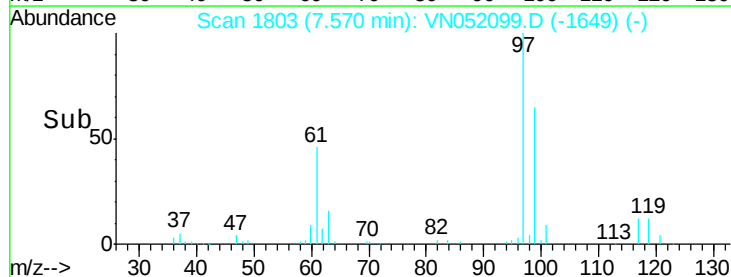
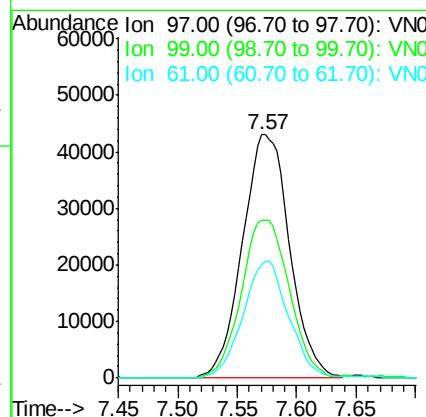
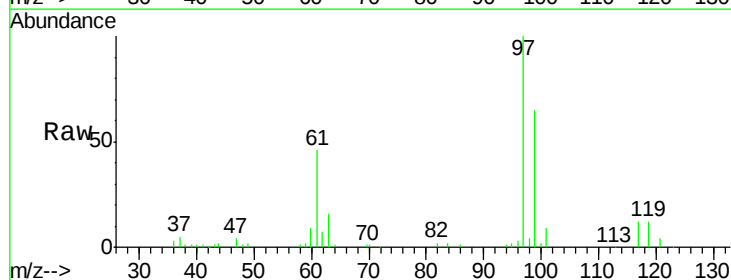
Manual Integrations  
 APPROVED

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 11/2/2018 9:21:26 AM



#32  
 1,1,1-Trichloroethane  
 Concen: 18.523 ug/l  
 RT: 7.57 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Tgt Ion: 97 Resp: 118389  
 Ion Ratio Lower Upper  
 97 100  
 99 66.0 51.7 77.5  
 61 46.3 38.7 58.1





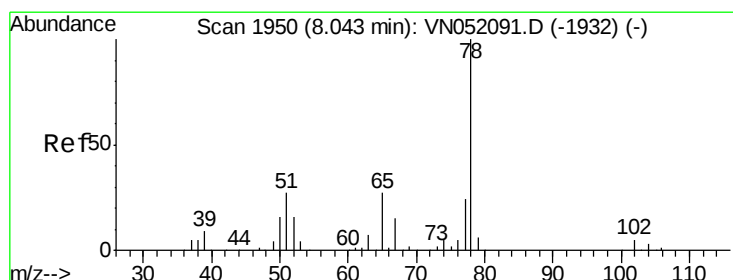
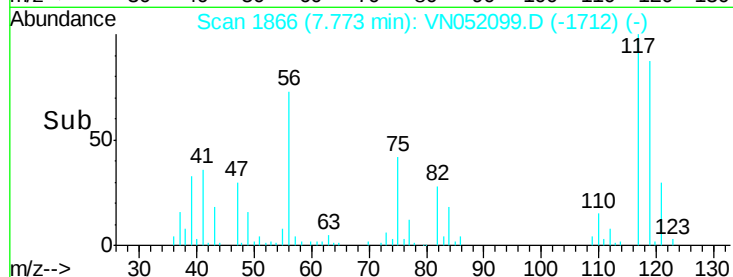
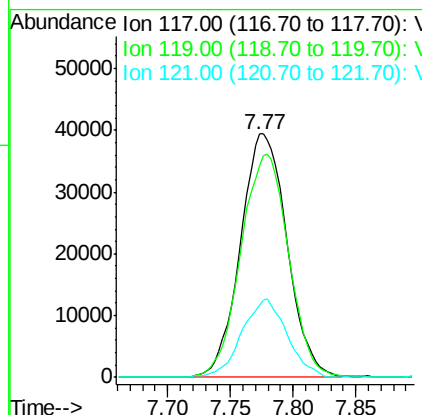
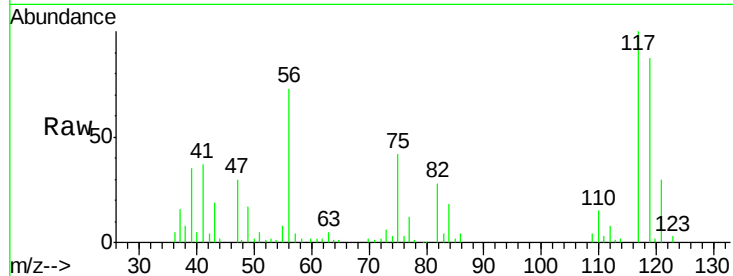
#33  
Carbon Tetrachloride  
Concen: 17.902 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 87.1  | 74.7  | 112.1 |
| 121     | 29.7  | 23.4  | 35.0  |

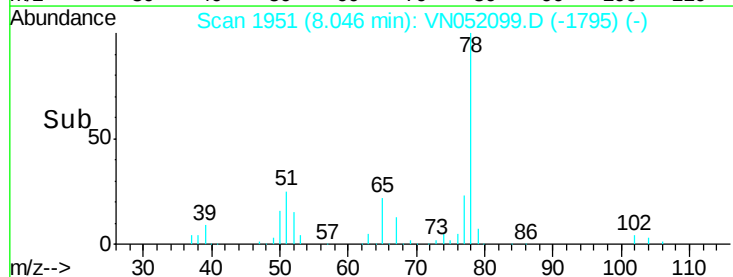
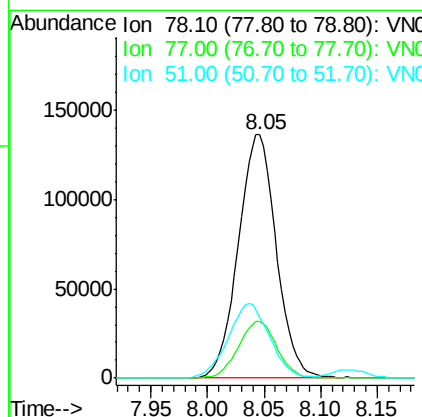
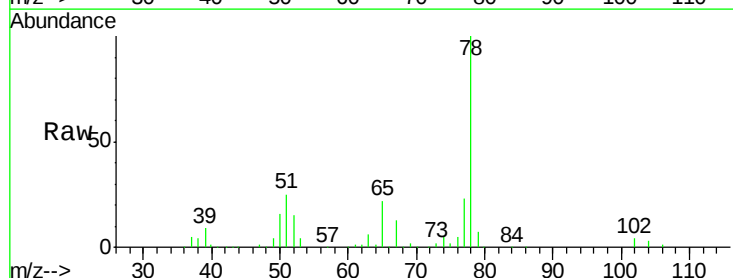
Manual Integrations  
APPROVED

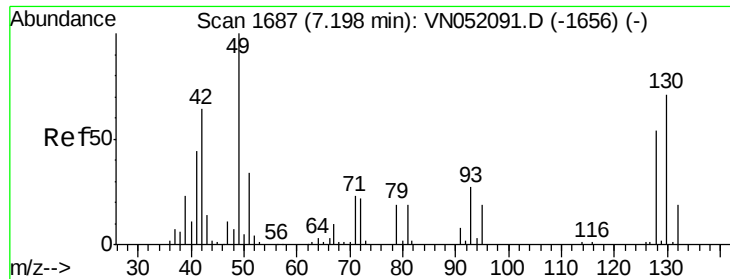
MMDadoda  
11/2/2018 9:21:26 AM



#34  
Benzene  
Concen: 19.045 ug/l  
RT: 8.05 min Scan# 1951  
Delta R.T. 0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.2  | 19.1  | 28.7  |
| 51      | 24.5  | 21.2  | 31.8  |





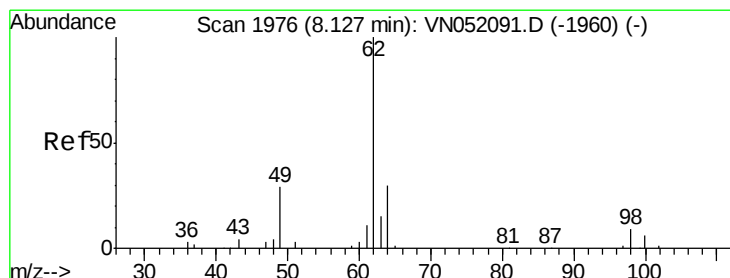
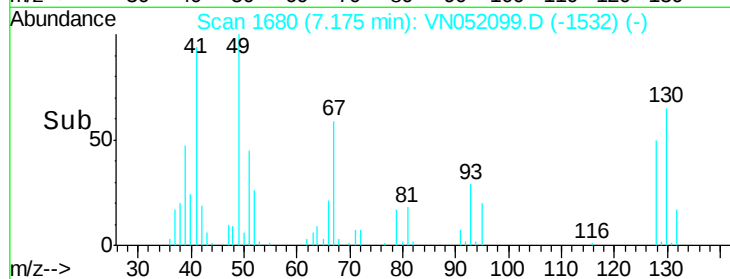
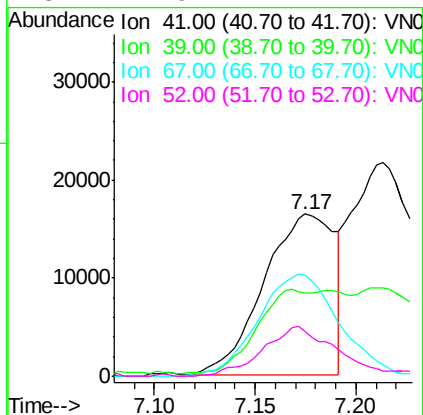
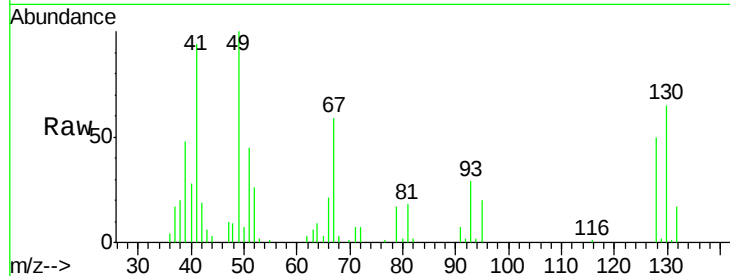
#35  
Methacrylonitrile  
Concen: 19.055 ug/l  
RT: 7.17 min Scan# 1680  
Delta R.T. -0.02 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 49.5  | 26.1  | 78.3  |
| 67      | 61.9  | 11.0  | 33.0# |
| 52      | 27.9  | 4.7   | 14.1# |

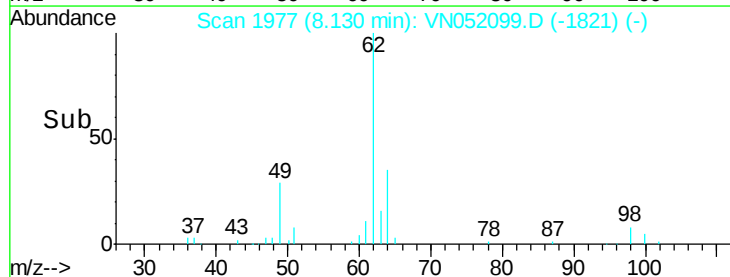
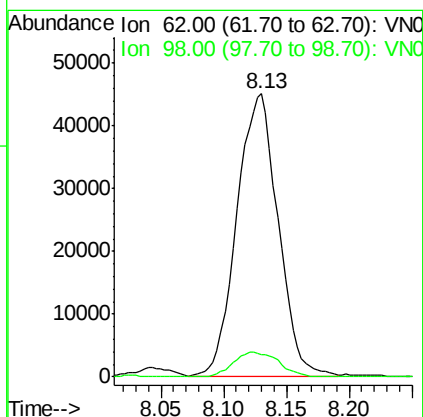
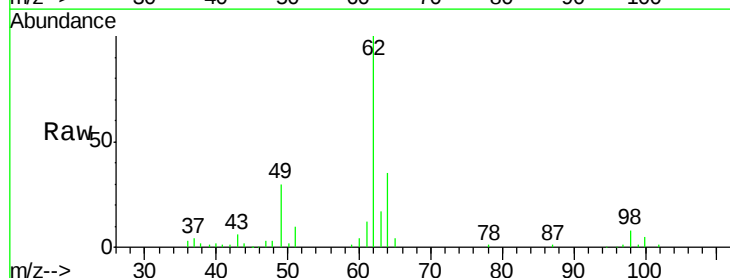
Manual Integrations  
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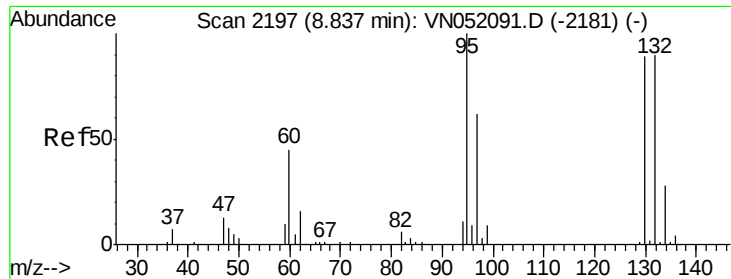
MMDadoda  
11/2/2018 9:21:26 AM



#36  
1,2-Dichloroethane  
Concen: 18.533 ug/l  
RT: 8.13 min Scan# 1977  
Delta R.T. 0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.6   | 6.7   | 10.1  |





#37

Trichloroethene

Concen: 18.358 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA\_N

ClientSampleId :

VN1101WBSD01

Tgt Ion:130 Resp: 76853

Ion Ratio Lower Upper

130 100

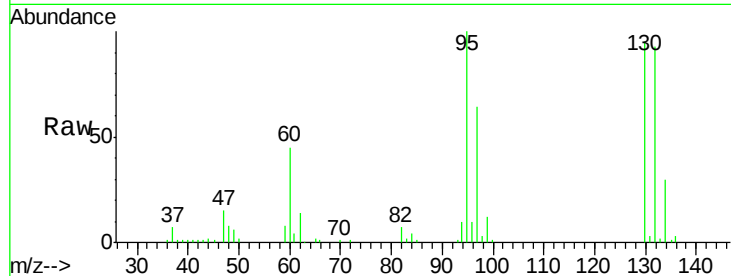
95 105.2 89.9 134.9

Manual Integrations

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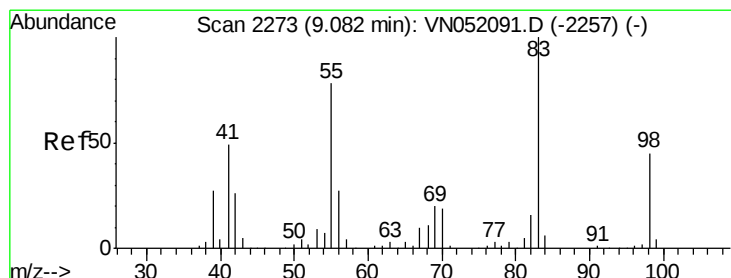
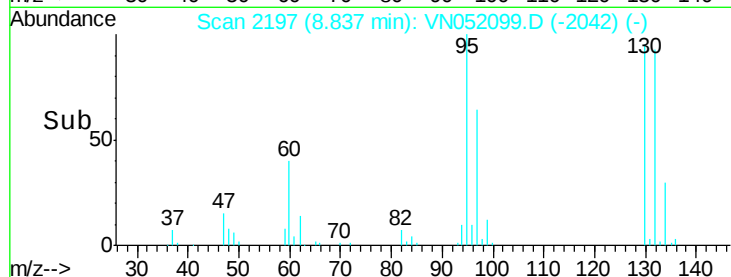
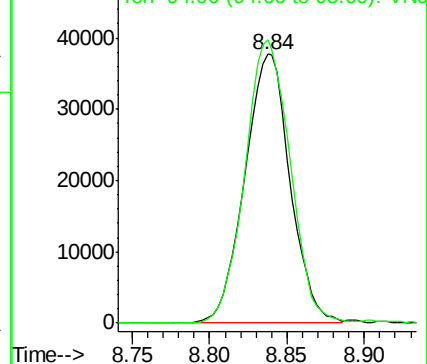
MMDadoda

11/2/2018 9:21:26 AM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 17.804 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

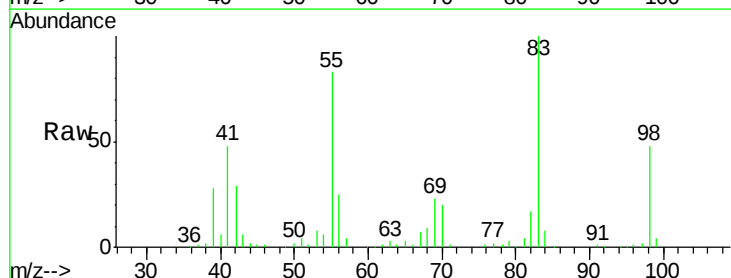
Tgt Ion: 83 Resp: 124070

Ion Ratio Lower Upper

83 100

55 76.3 38.5 115.3

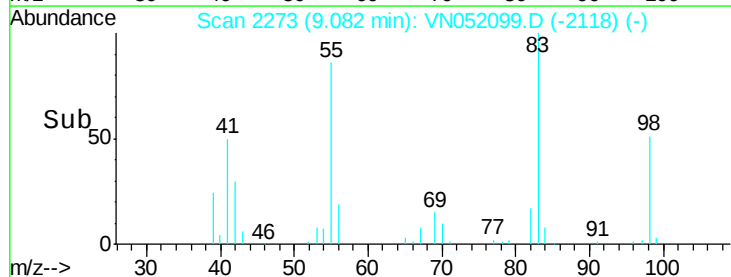
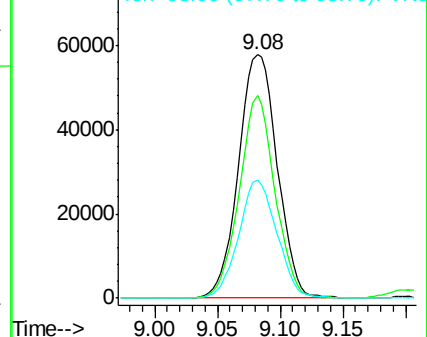
98 47.8 23.2 69.6

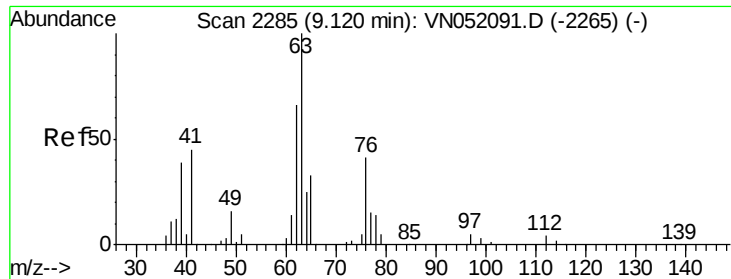


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





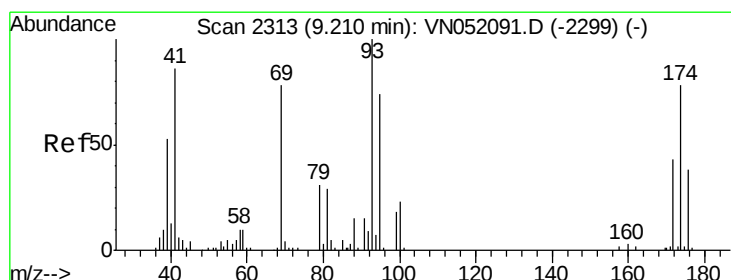
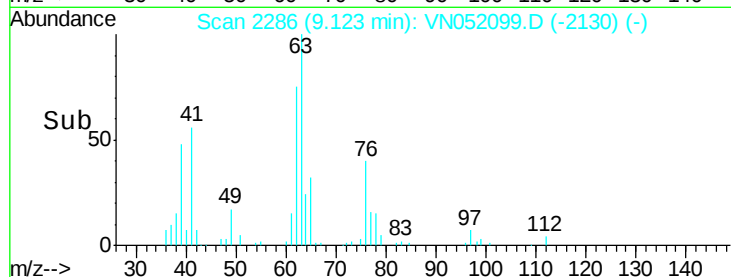
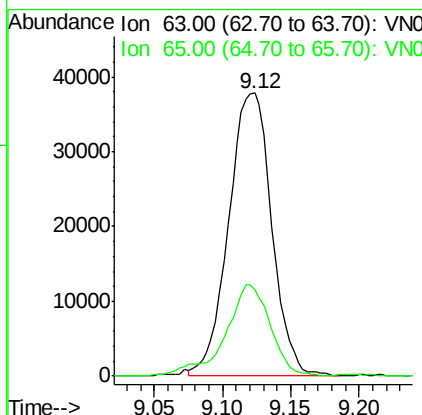
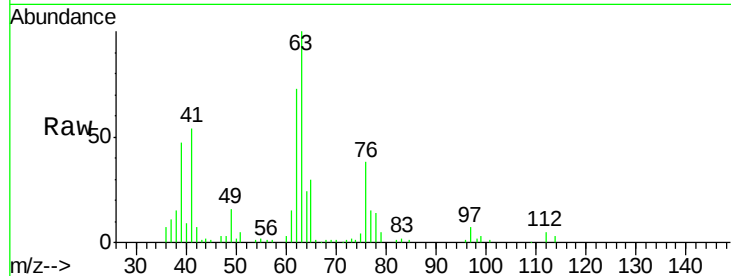
#39  
 1,2-Dichloropropane  
 Concen: 18.663 ug/l  
 RT: 9.12 min Scan# 2286  
 Delta R.T. 0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1101WBSD01

Tgt Ion: 63 Resp: 83095  
 Ion Ratio Lower Upper  
 63 100  
 65 29.9 27.3 40.9

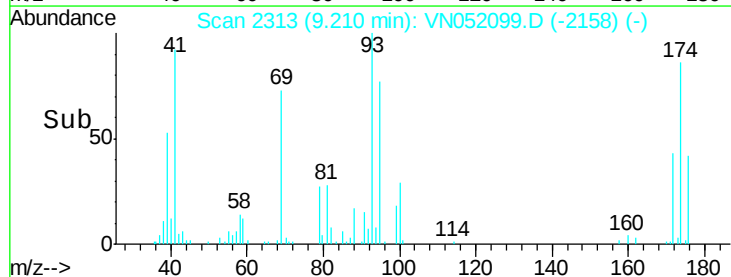
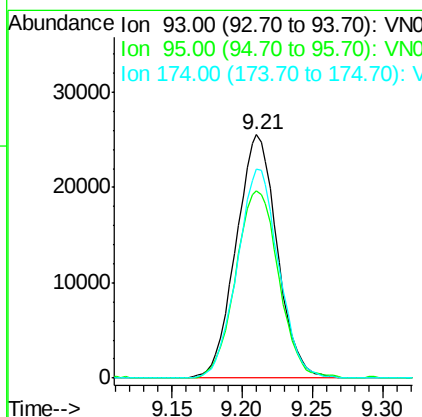
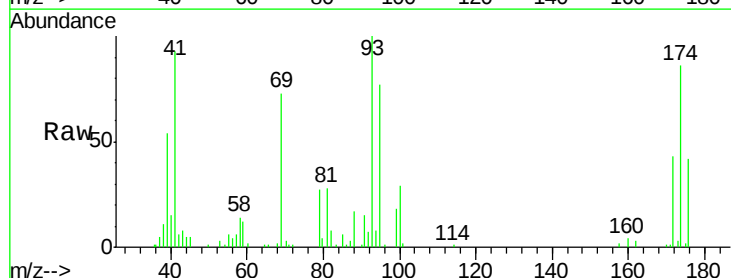
Manual Integrations  
 APPROVED

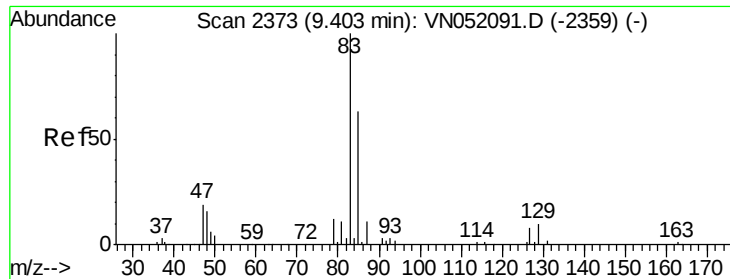
MMDadoda  
 11/2/2018 9:21:26 AM



#40  
 Dibromomethane  
 Concen: 18.963 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Tgt Ion: 93 Resp: 52042  
 Ion Ratio Lower Upper  
 93 100  
 95 80.7 0.0 161.2  
 174 86.6 0.0 165.0





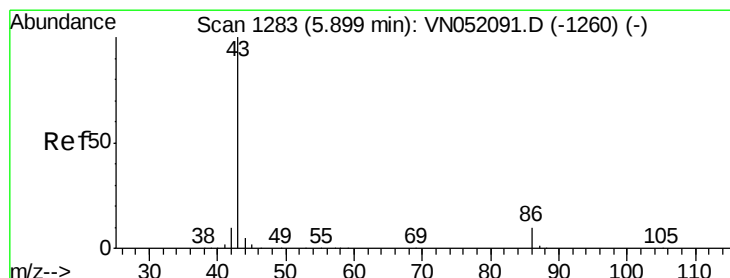
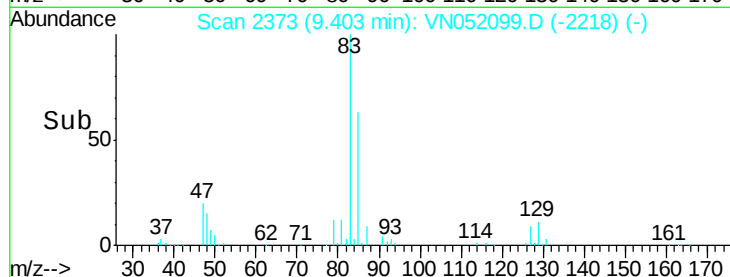
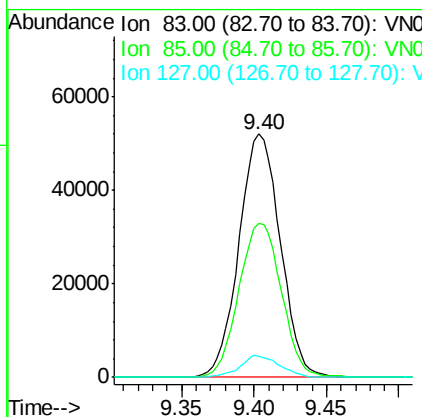
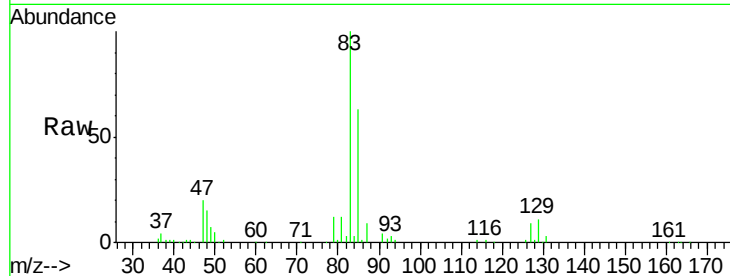
#41  
Bromodichloromethane  
Concen: 18.458 ug/l  
RT: 9.40 min Scan# 2373  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.2  | 50.2  | 75.2  |
| 127     | 8.8   | 6.6   | 10.0  |

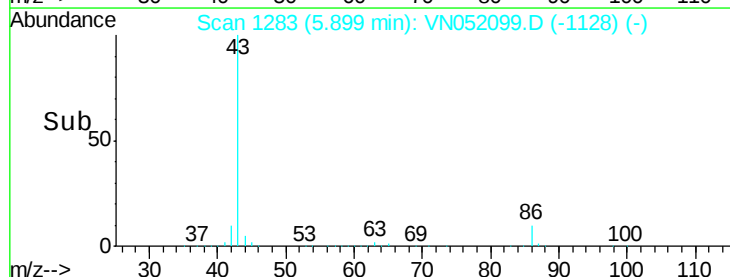
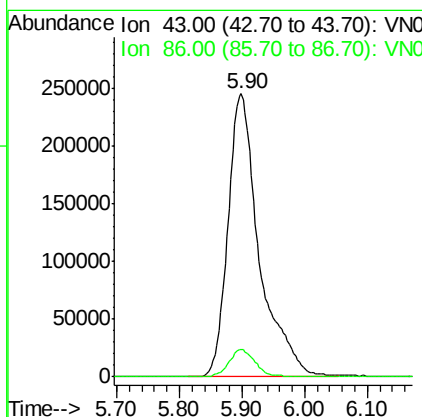
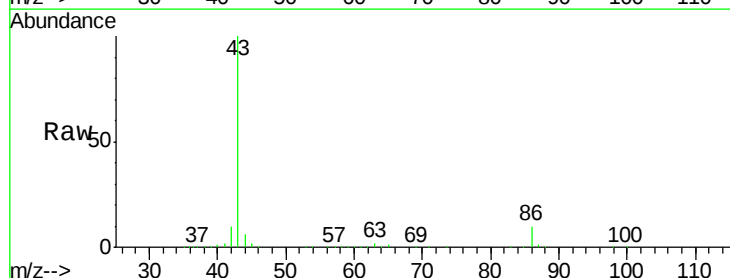
Manual Integrations  
APPROVED

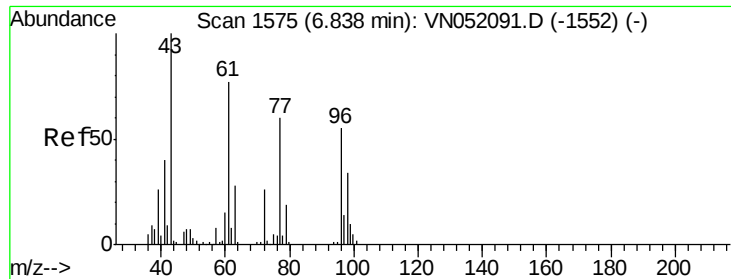
MMDadoda  
11/2/2018 9:21:26 AM



#42  
Vinyl Acetate  
Concen: 95.588 ug/l  
RT: 5.90 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 86      | 8.2   | 6.6   | 10.0  |





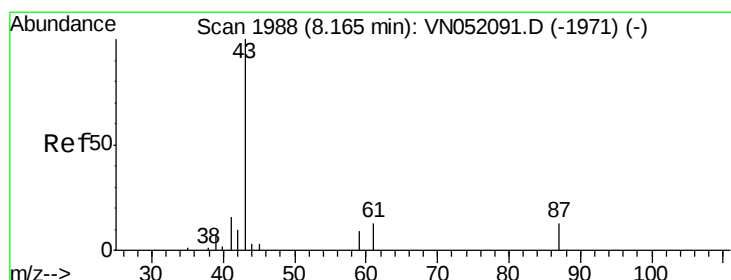
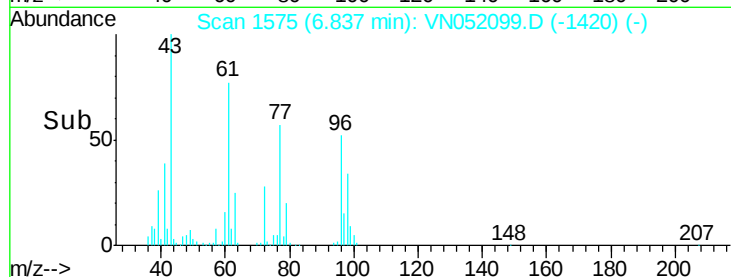
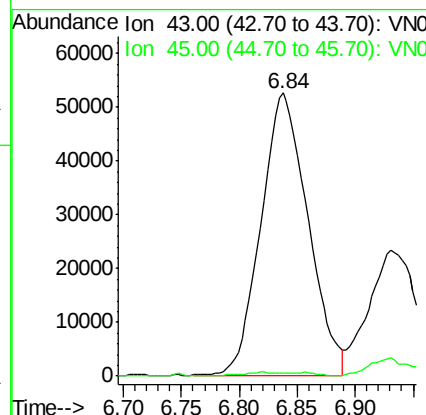
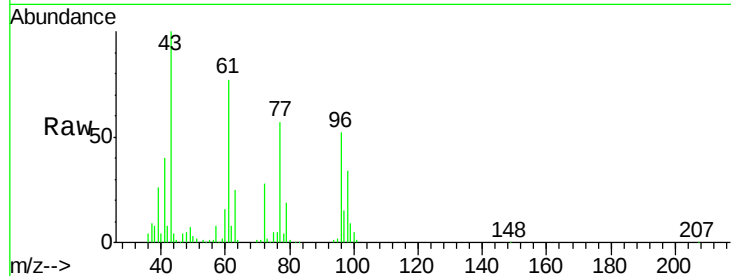
#43  
Ethyl Acetate  
Concen: 19.496 ug/l m  
RT: 6.84 min Scan# 1575  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

Tgt Ion: 43 Resp: 149049  
Ion Ratio Lower Upper  
43 100  
45 0.7 3.8 5.8#

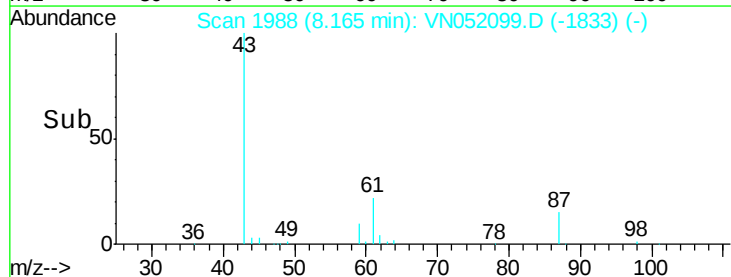
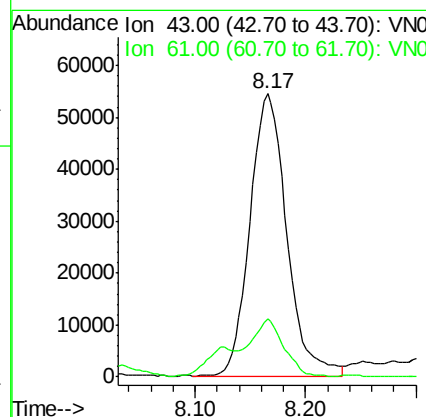
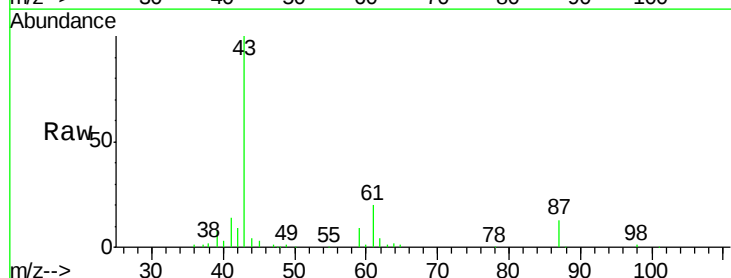
Manual Integrations  
APPROVED

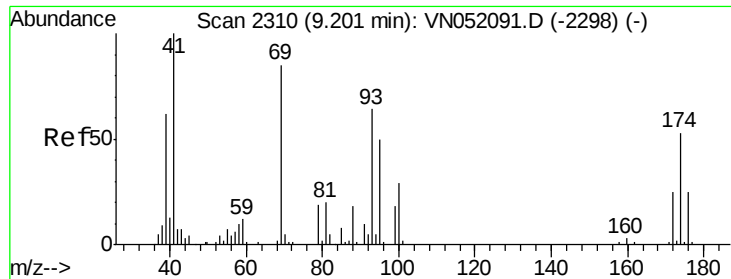
MMDadoda  
11/2/2018 9:21:26 AM



#44  
Isopropyl Acetate  
Concen: 20.080 ug/l  
RT: 8.17 min Scan# 1988  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Tgt Ion: 43 Resp: 127104  
Ion Ratio Lower Upper  
43 100  
61 16.4 16.2 24.2





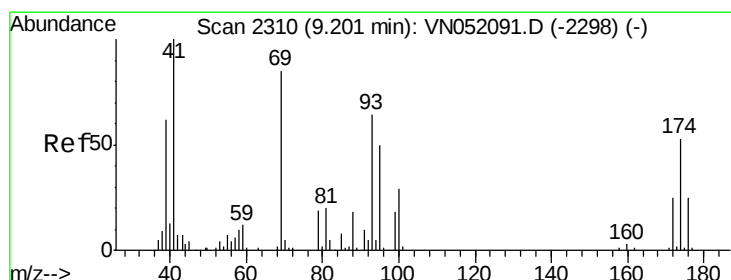
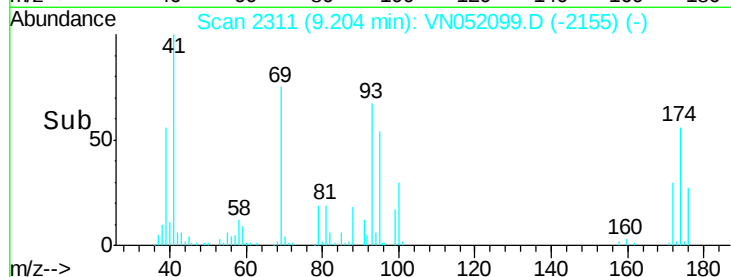
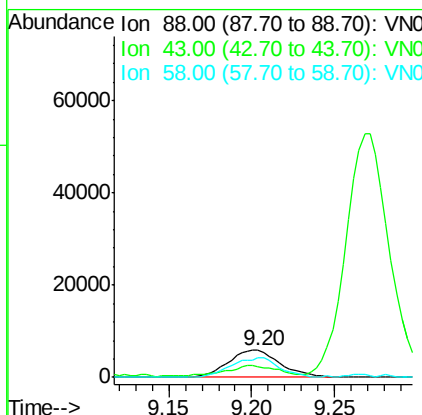
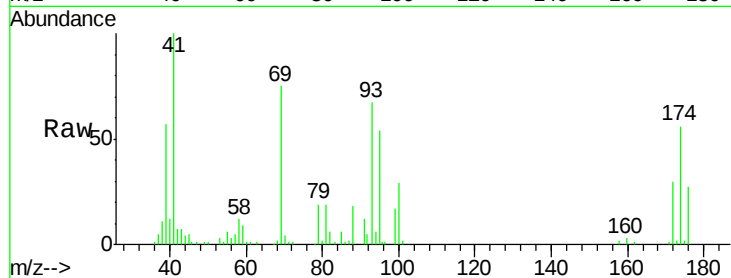
#45  
1,4-Dioxane  
Concen: 439.361 ug/l  
RT: 9.20 min Scan# 2311  
Delta R.T. 0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 38.0  | 28.6  | 43.0  |
| 58      | 66.9  | 37.8  | 56.8# |

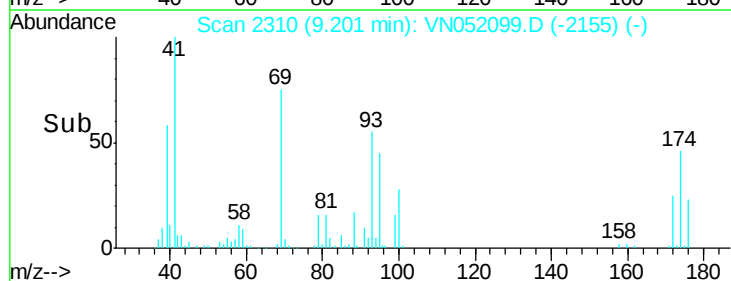
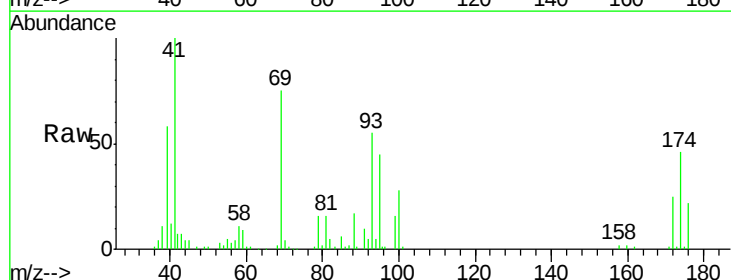
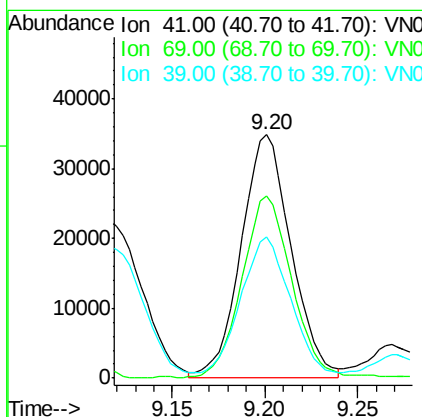
Manual Integrations  
APPROVED

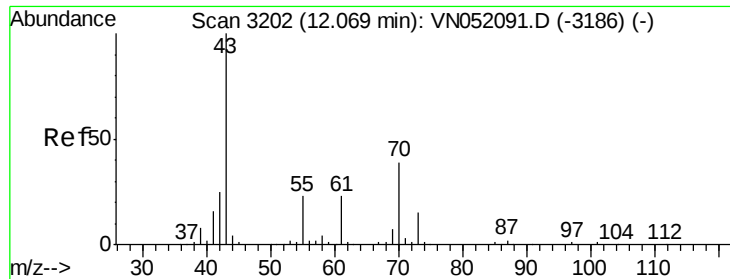
MMDadoda  
11/2/2018 9:21:26 AM



#46  
Methyl methacrylate  
Concen: 20.764 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 76.0  | 42.5  | 127.6 |
| 39      | 57.1  | 31.1  | 93.3  |





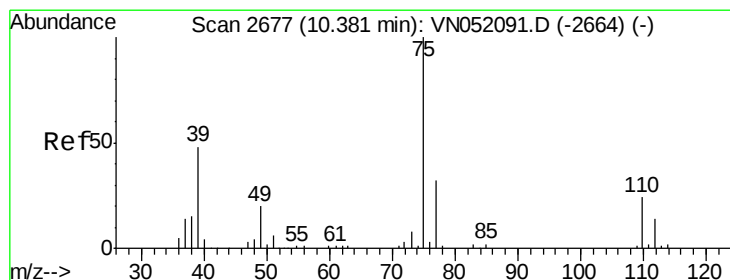
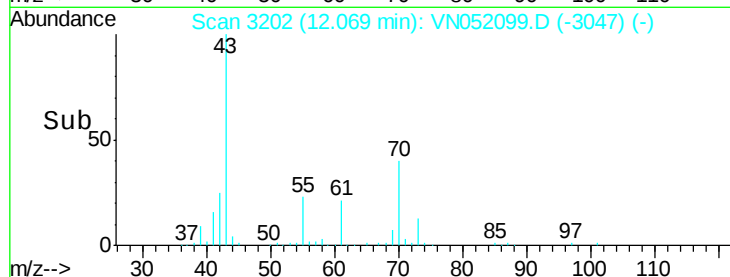
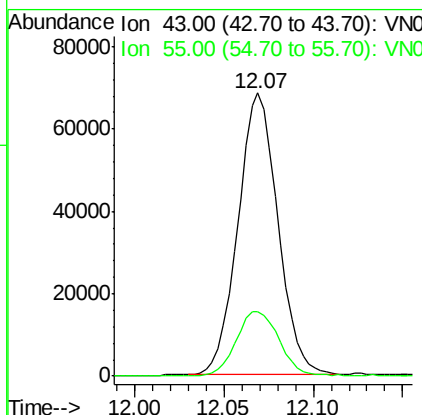
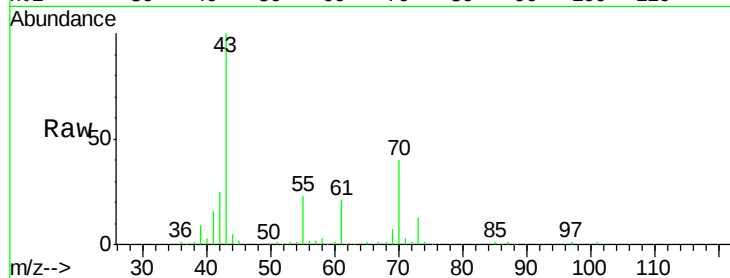
#47  
n-amyl Acetate  
Concen: 18.600 ug/l  
RT: 12.07 min Scan# 3202  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampled :  
VN1101WBSD01

Tgt Ion: 43 Resp: 106719  
Ion Ratio Lower Upper  
43 100  
55 24.7 0.0 0.0#

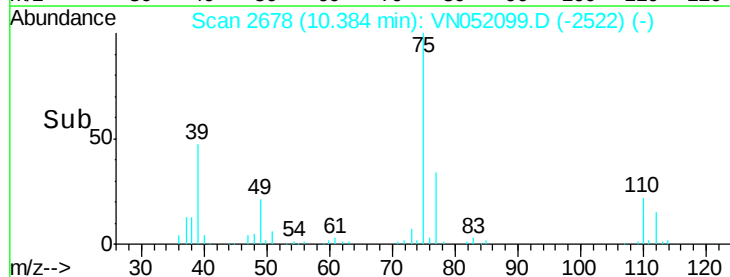
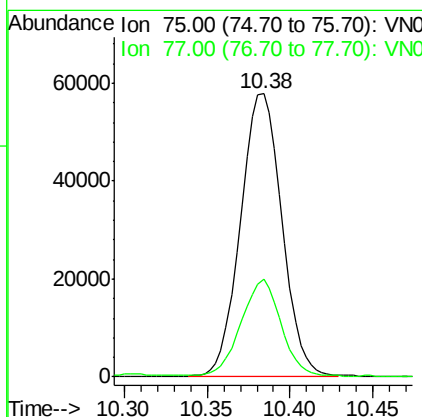
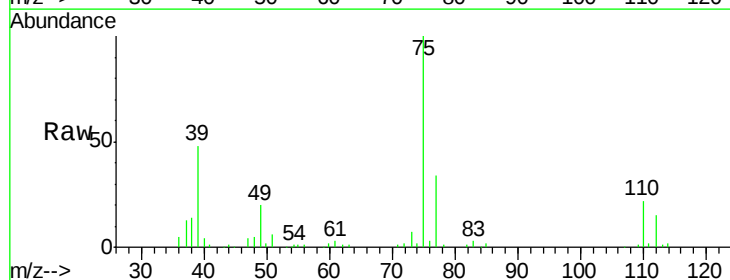
Manual Integrations  
APPROVED

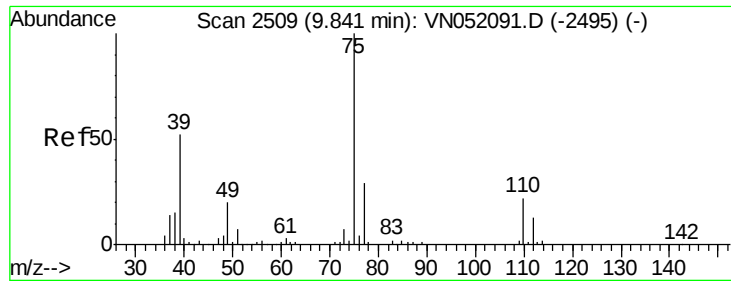
MMDadoda  
11/2/2018 9:21:26 AM



#48  
t-1,3-Dichloropropene  
Concen: 18.118 ug/l  
RT: 10.38 min Scan# 2678  
Delta R.T. 0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Tgt Ion: 75 Resp: 101024  
Ion Ratio Lower Upper  
75 100  
77 33.9 26.3 39.5





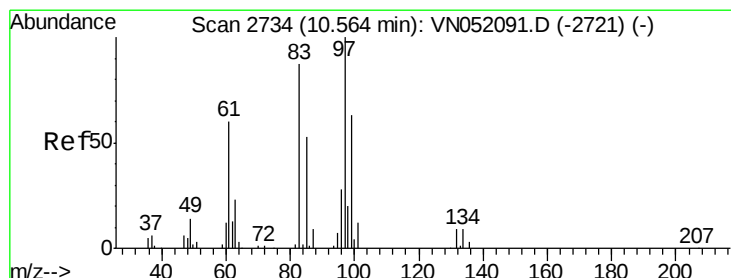
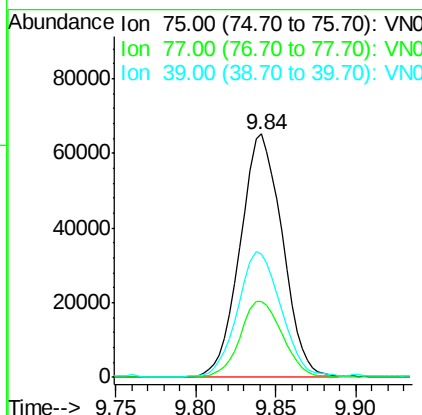
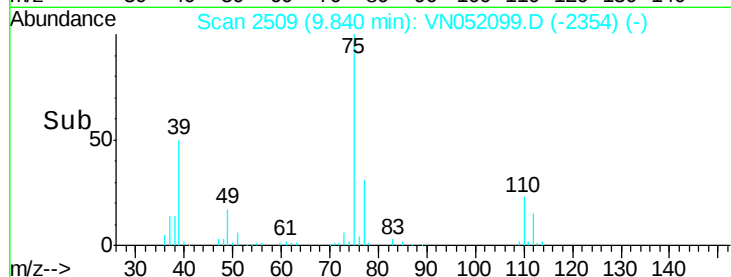
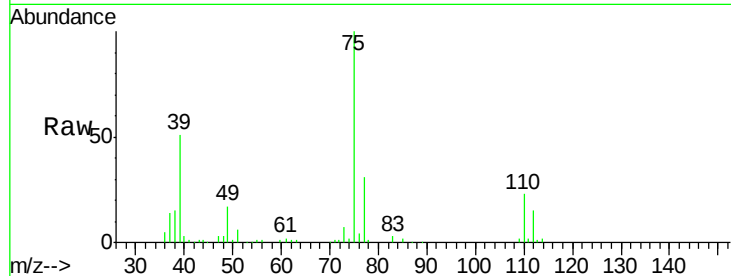
#49  
 cis-1,3-Dichloropropene  
 Concen: 18.331 ug/l  
 RT: 9.84 min Scan# 2509  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.0  | 23.3  | 34.9  |
| 39      | 50.3  | 41.6  | 62.4  |

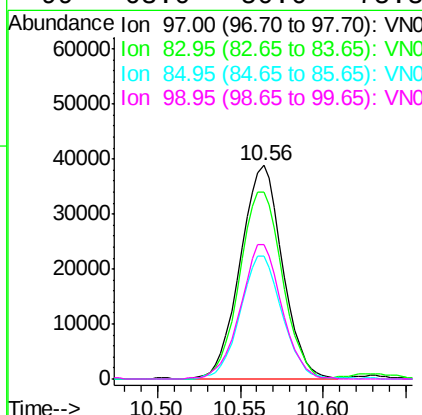
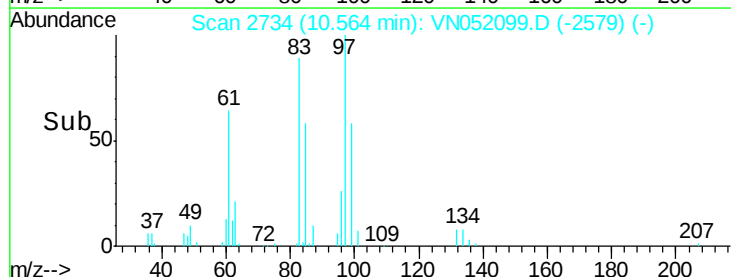
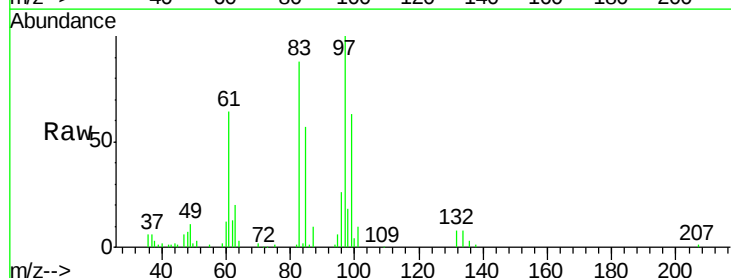
Manual Integrations  
 APPROVED

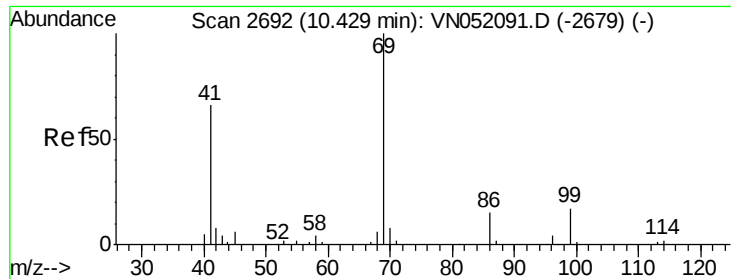
MMDadoda  
 11/2/2018 9:21:26 AM



#50  
 1,1,2-Trichloroethane  
 Concen: 19.008 ug/l  
 RT: 10.56 min Scan# 2734  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 87.8  | 69.4  | 104.0 |
| 85      | 57.4  | 42.7  | 64.1  |
| 99      | 63.0  | 50.6  | 75.8  |





#51

Ethyl methacrylate

Concen: 18.667 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA\_N

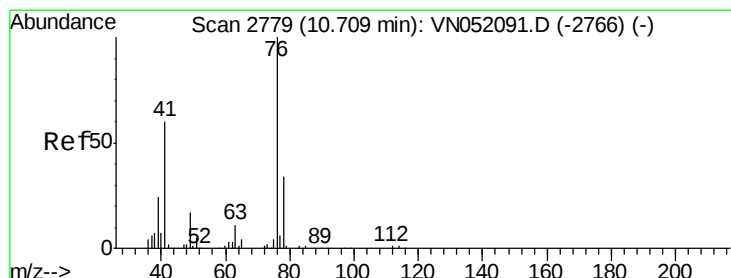
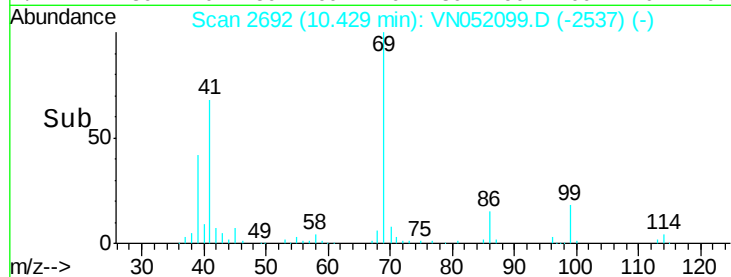
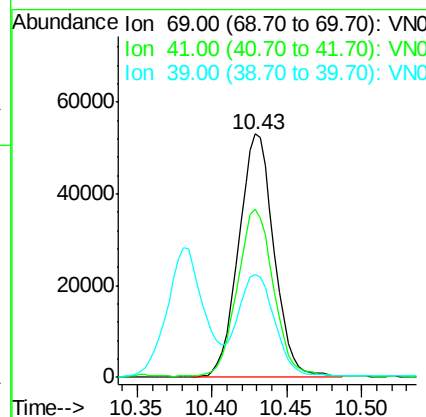
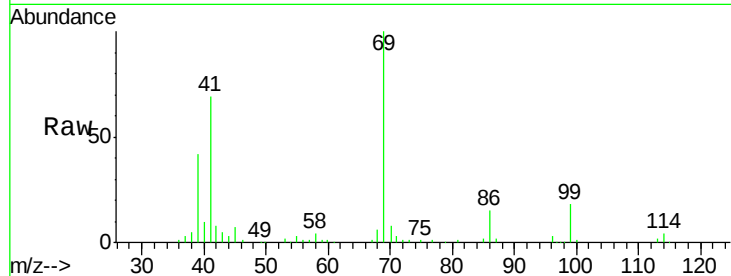
ClientSampled :

VN1101WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 69    | Resp: | 87552 |
| Ion Ratio | Lower | Upper |       |
| 69        | 100   |       |       |
| 41        | 68.3  | 33.0  | 99.0  |
| 39        | 41.7  | 20.7  | 62.1  |

Manual Integrations  
APPROVED

MMDadoda  
11/2/2018 9:21:26 AM



#52

1,3-Dichloropropane

Concen: 19.059 ug/l

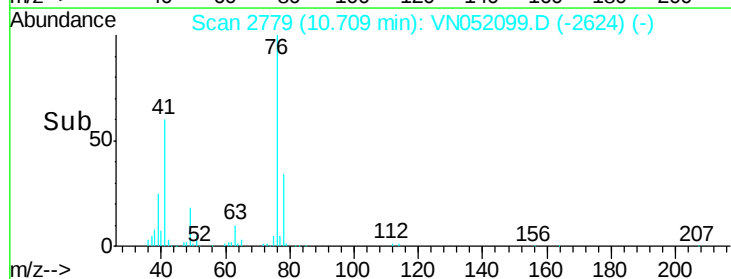
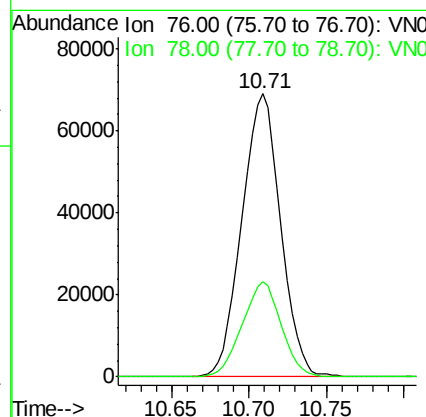
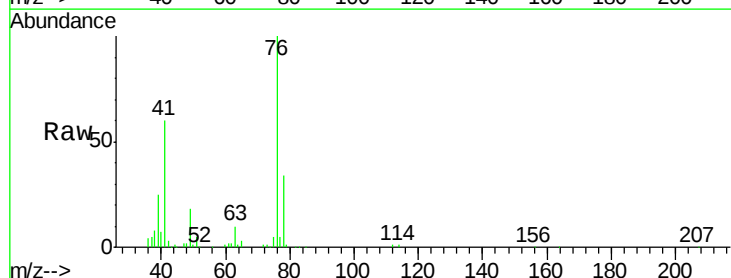
RT: 10.71 min Scan# 2779

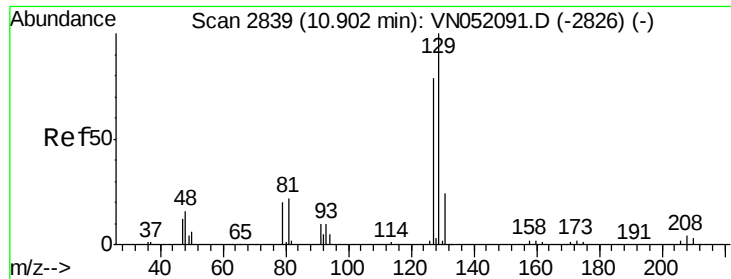
Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 76    | Resp: | 120481 |
| Ion Ratio | Lower | Upper |        |
| 76        | 100   |       |        |
| 78        | 33.8  | 0.0   | 65.0   |





#53

Dibromochloromethane

Concen: 18.526 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA\_N

ClientSampleId :

VN1101WBSD01

Tgt Ion:129 Resp: 72582

Ion Ratio Lower Upper

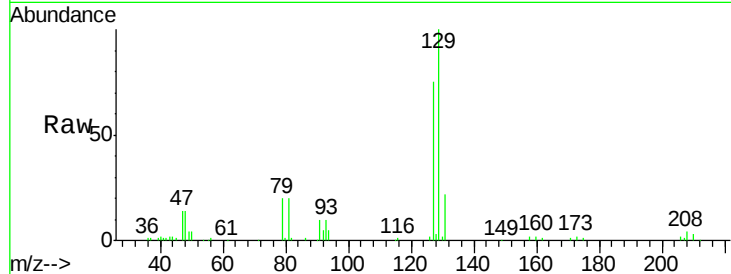
129 100

127 74.7 39.2 117.6

Manual Integrations  
APPROVED

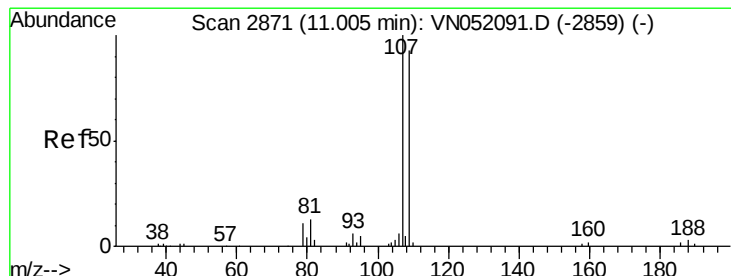
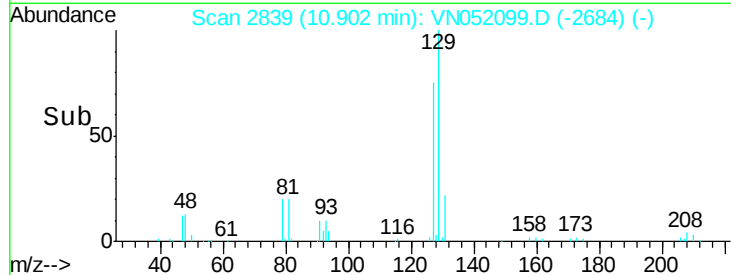
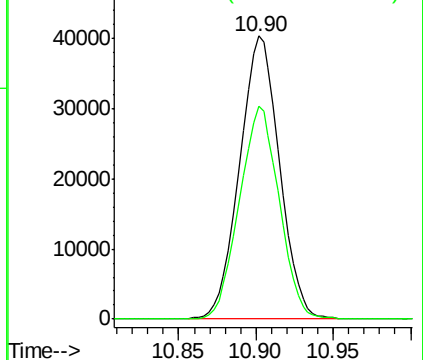
MMDadoda

11/2/2018 9:21:26 AM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.659 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052099.D

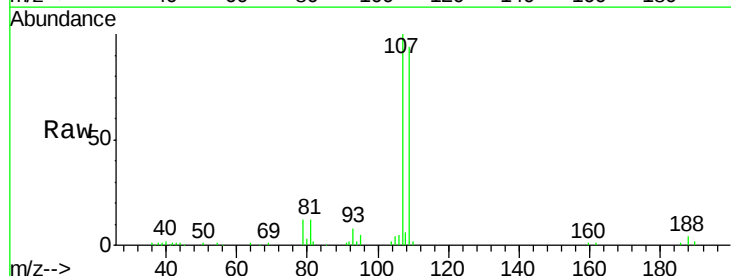
Acq: 1 Nov 2018 13:20

Tgt Ion:107 Resp: 68668

Ion Ratio Lower Upper

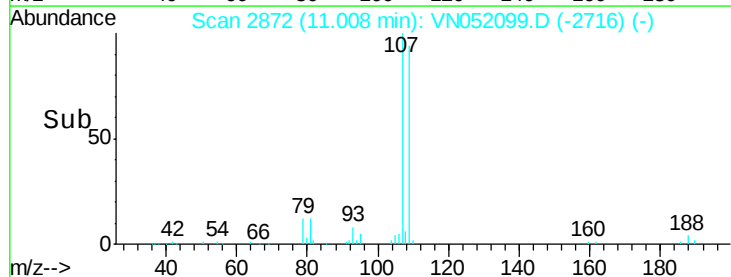
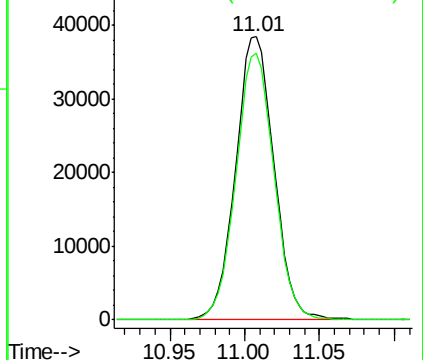
107 100

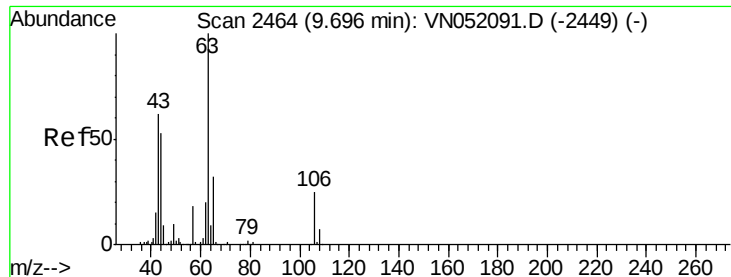
109 93.4 77.0 115.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





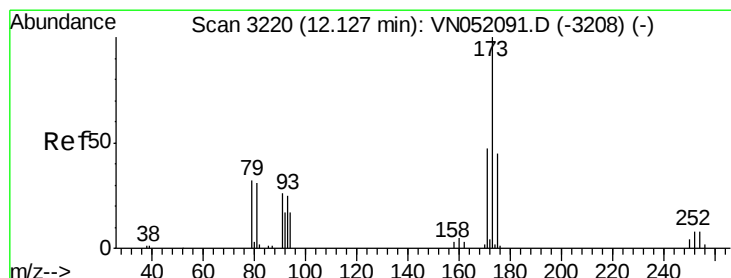
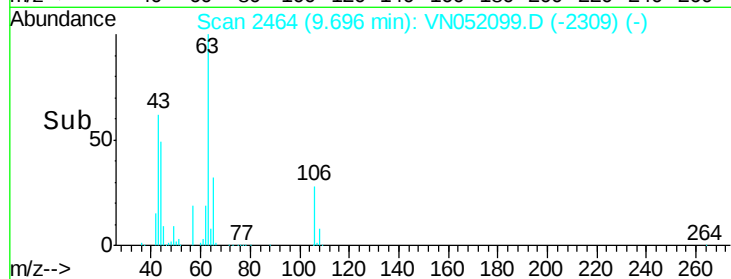
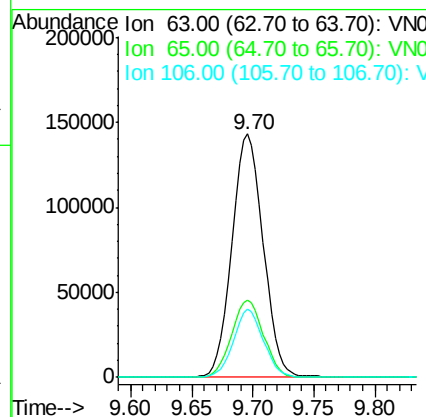
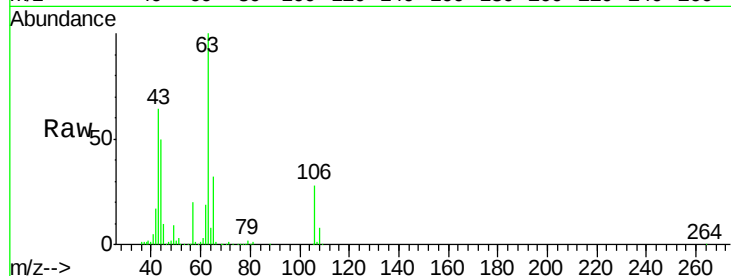
#55  
 2-Chloroethyl vinyl ether  
 Concen: 99.798 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1101WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 63    | Resp: | 256319 |
| Ion      | Ratio | Lower | Upper  |
| 63       | 100   |       |        |
| 65       | 32.3  | 25.5  | 38.3   |
| 106      | 26.6  | 20.4  | 30.6   |

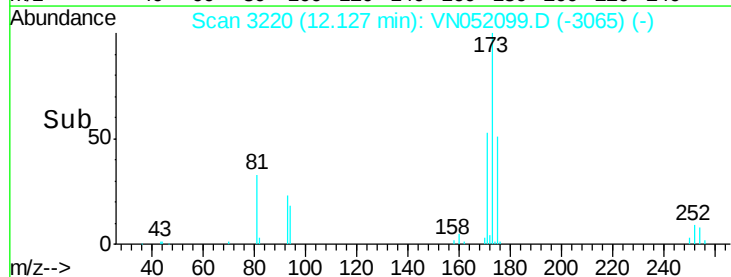
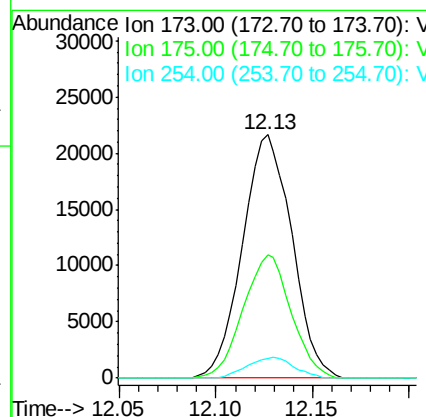
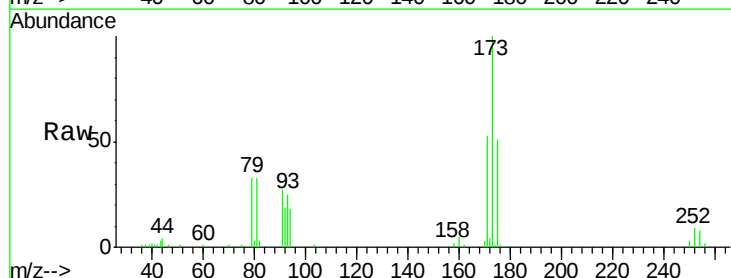
Manual Integrations  
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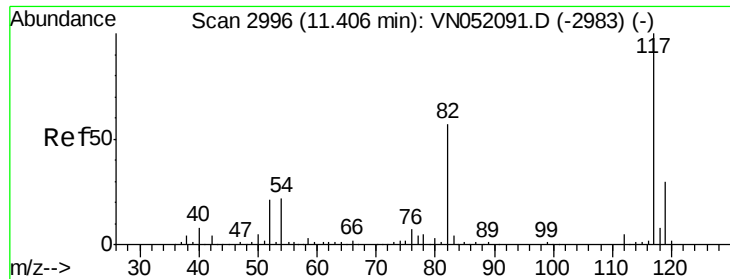
MMDadoda  
 11/2/2018 9:21:26 AM



#56  
 Bromoform  
 Concen: 17.003 ug/l  
 RT: 12.13 min Scan# 3220  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 38476 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 49.0  | 37.3  | 55.9  |
| 254      | 8.0   | 7.0   | 10.6  |





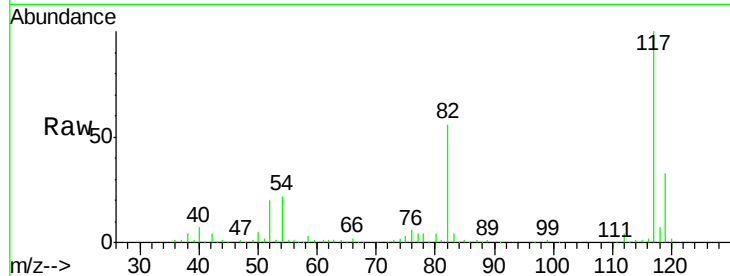
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.4  | 45.0  | 67.6  |
| 119     | 32.3  | 24.2  | 36.4  |

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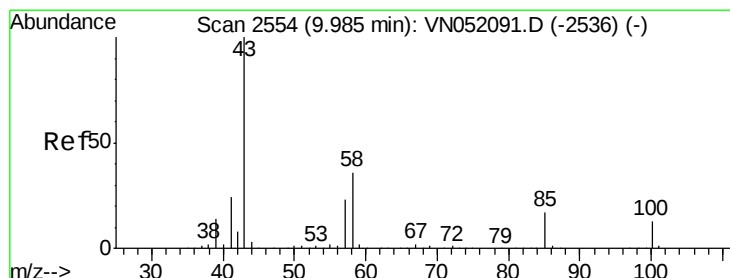
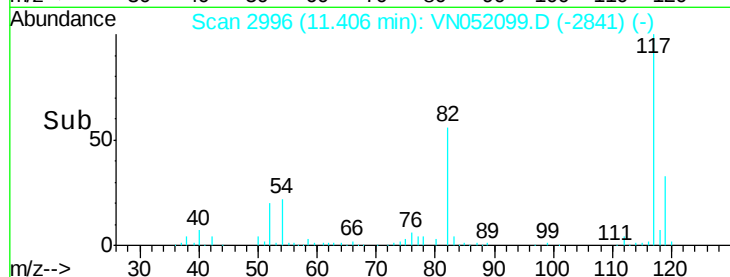
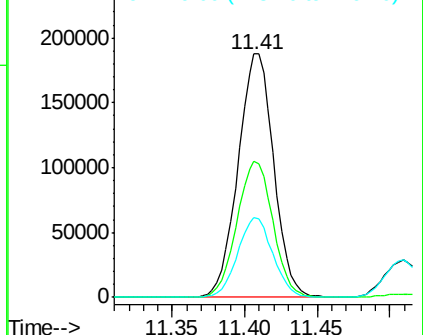


Abundance

Ion 117.00 (116.70 to 117.70): V

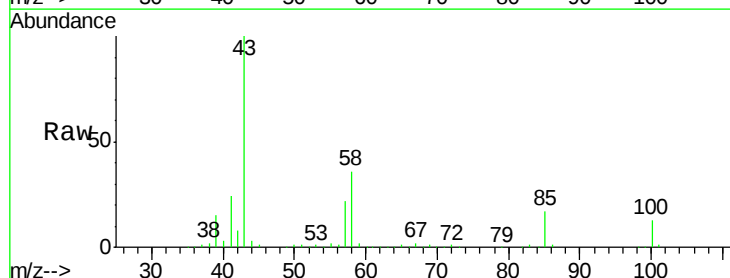
Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#58  
4-Methyl-2-Pentanone  
Concen: 98.307 ug/l  
RT: 9.99 min Scan# 2554  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 36.7  | 29.0  | 43.6  |
| 85      | 16.7  | 13.4  | 20.2  |

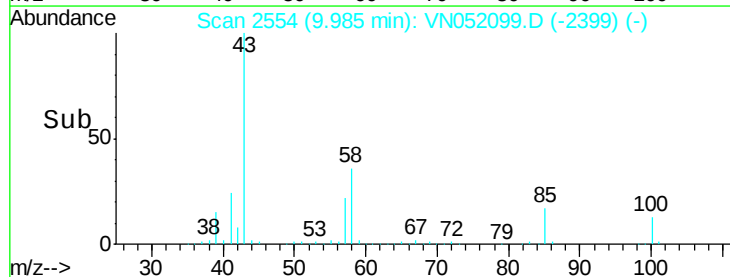
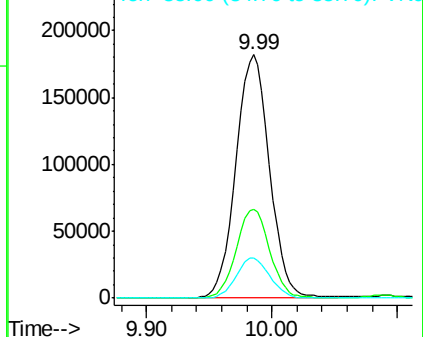


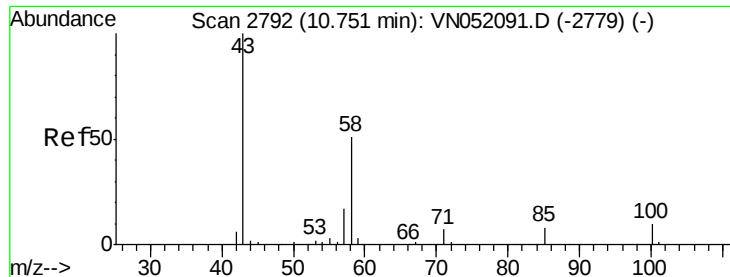
Abundance

Ion 43.00 (42.70 to 43.70): V

Ion 58.00 (57.70 to 58.70): V

Ion 85.00 (84.70 to 85.70): V





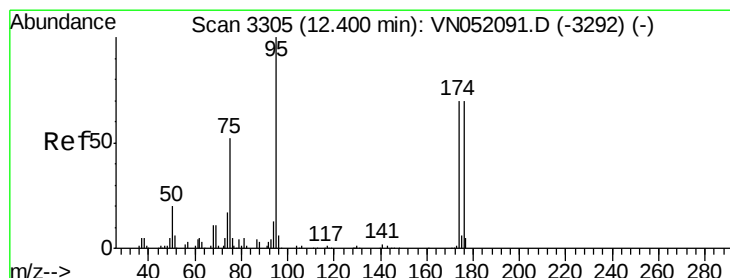
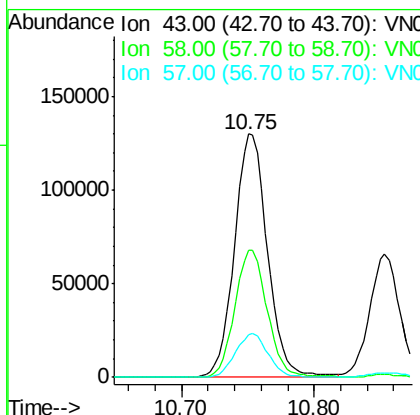
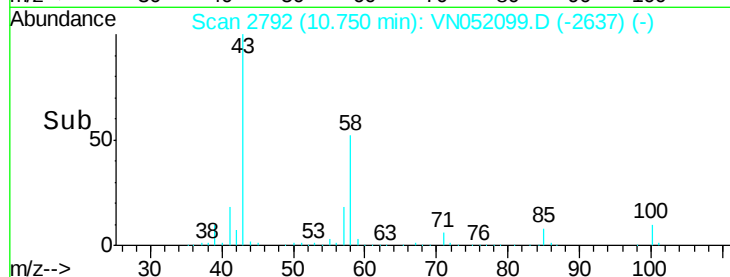
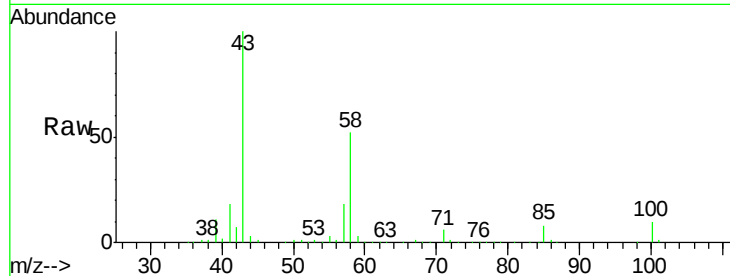
#59  
2-Hexanone  
Concen: 94.207 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 51.6  | 40.8  | 61.2  |
| 57      | 17.9  | 13.8  | 20.8  |

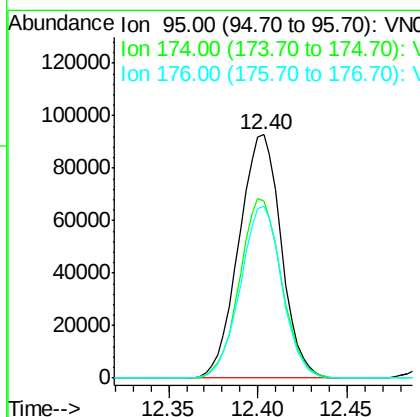
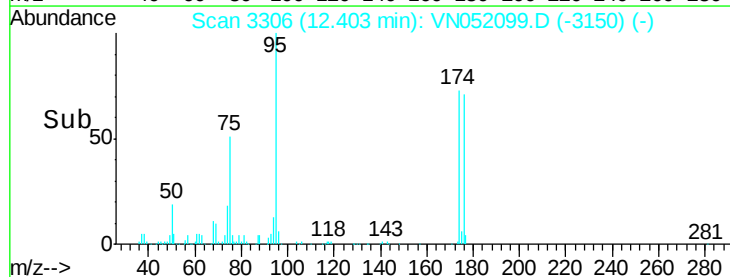
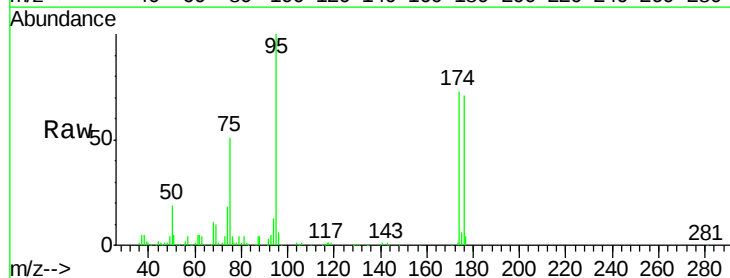
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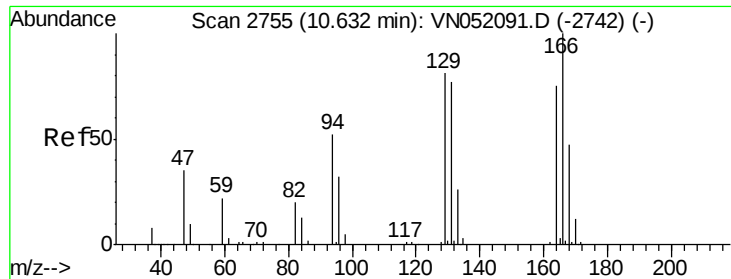
MMDadoda  
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#60  
4-Bromofluorobenzene  
Concen: 94.207 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 72.9  | 55.0  | 82.6  |
| 176     | 69.3  | 54.2  | 81.4  |





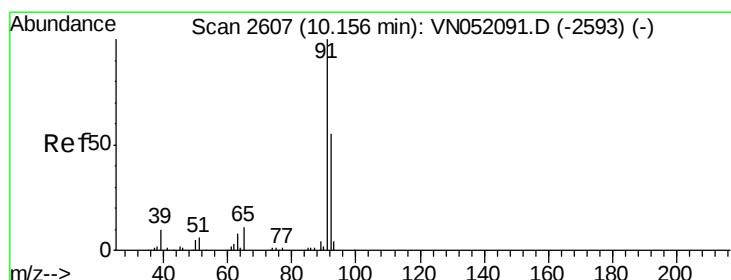
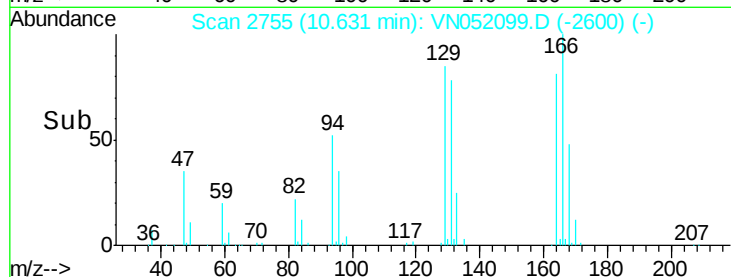
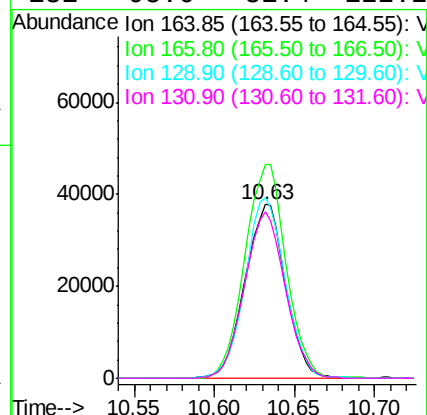
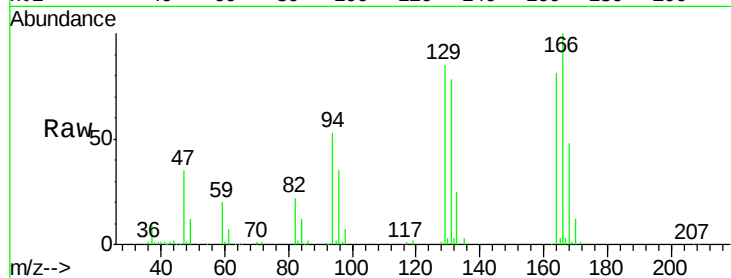
#61  
Tetrachloroethene  
Concen: 18.695 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

Tgt Ion:164 Resp: 65276  
Ion Ratio Lower Upper  
164 100  
166 122.9 106.4 159.6  
129 104.0 87.0 130.4  
131 95.6 81.4 122.2

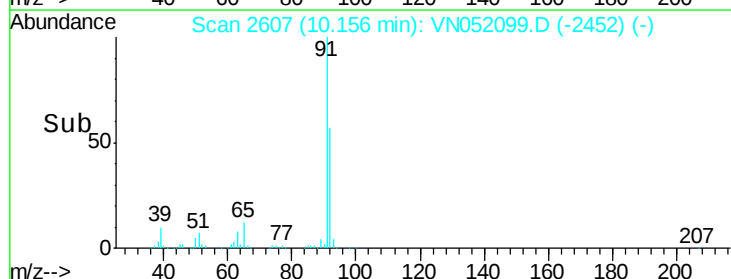
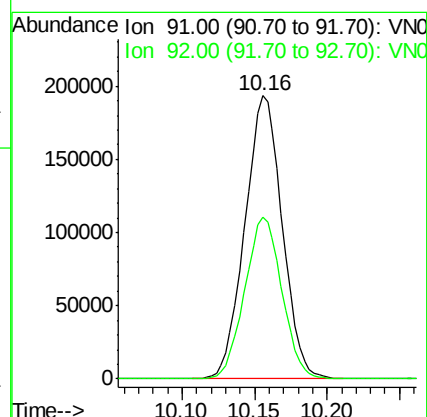
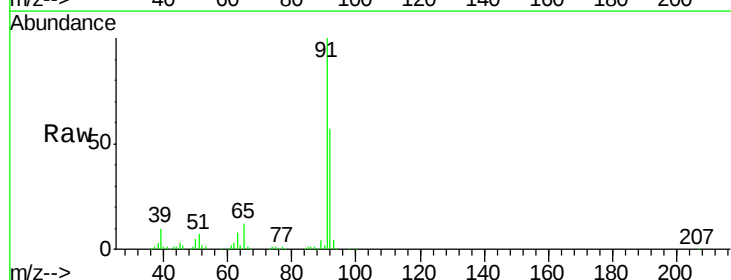
Manual Integrations  
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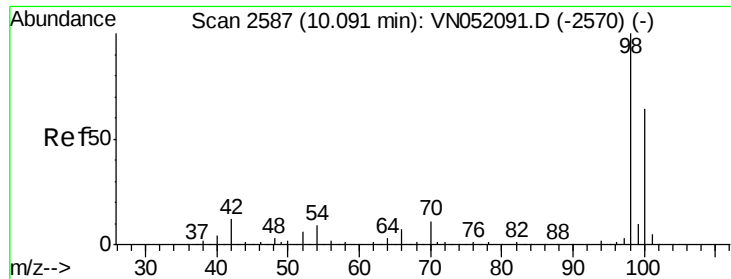
MMDadoda  
11/2/2018 9:21:26 AM



#62  
Toluene  
Concen: 19.217 ug/l  
RT: 10.16 min Scan# 2607  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Tgt Ion: 91 Resp: 346342  
Ion Ratio Lower Upper  
91 100  
92 57.0 44.6 67.0





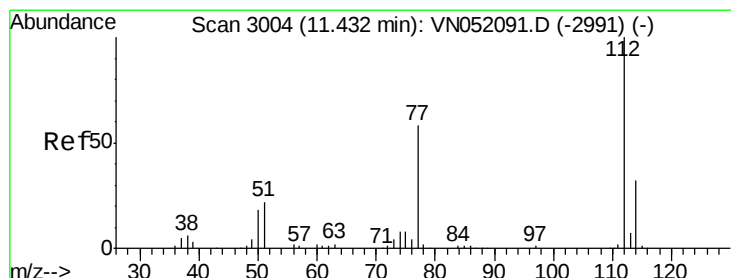
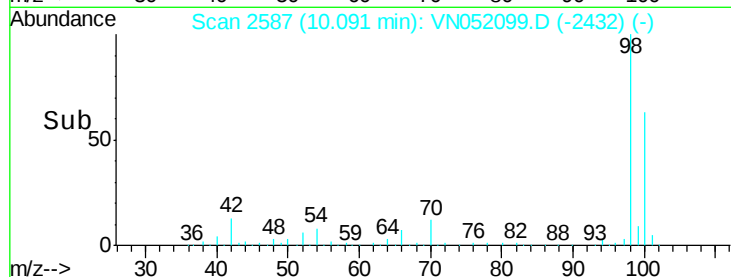
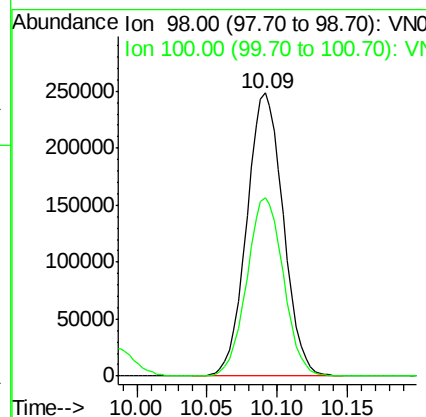
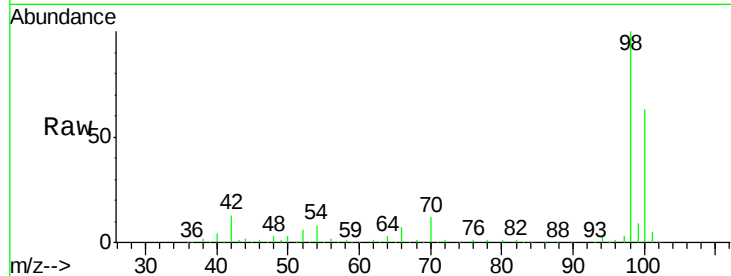
#63  
Toluene-d8  
Concen: 19.217 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

Tgt Ion: 98 Resp: 450871  
Ion Ratio Lower Upper  
98 100  
100 63.2 50.7 76.1

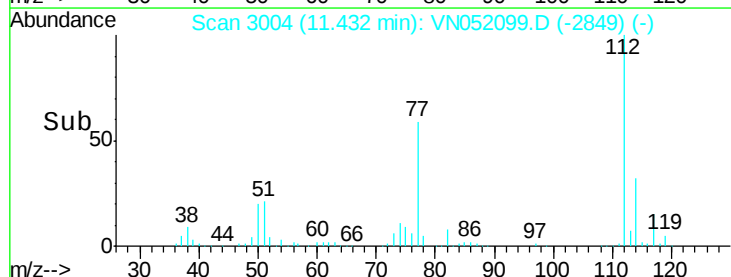
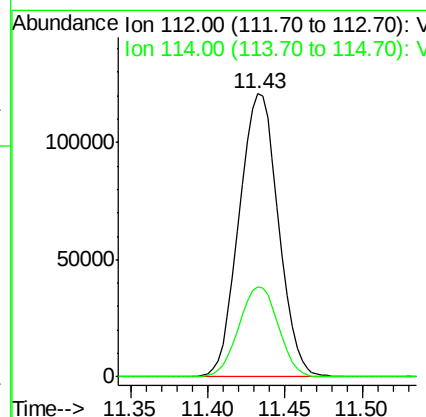
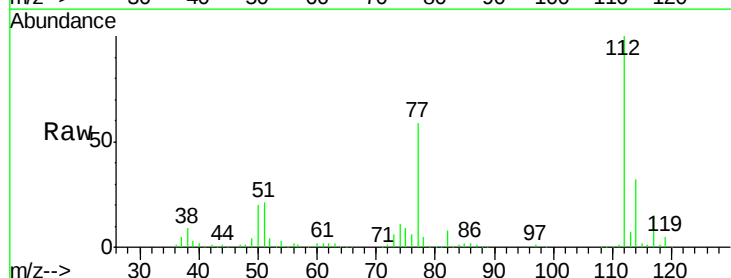
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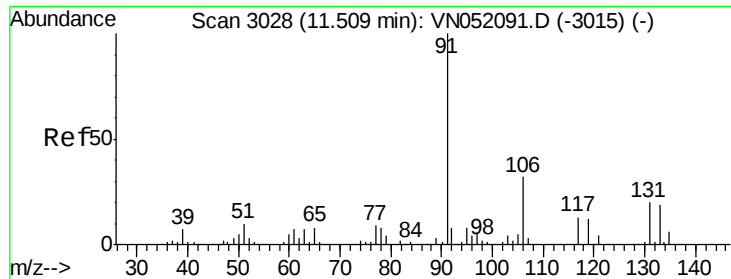
MMDadoda  
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#64  
Chlorobenzene  
Concen: 18.695 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Tgt Ion: 112 Resp: 213541  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.5 38.3





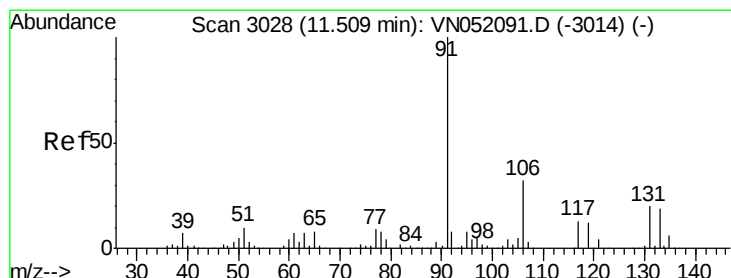
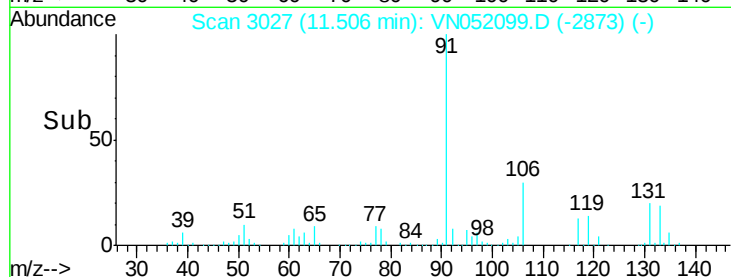
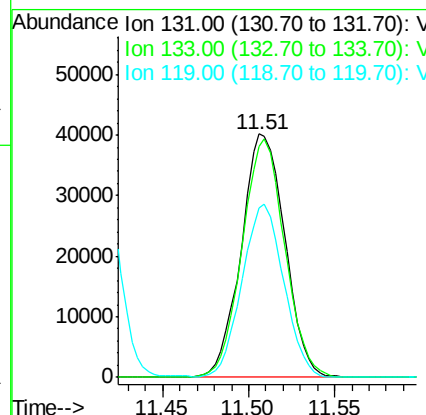
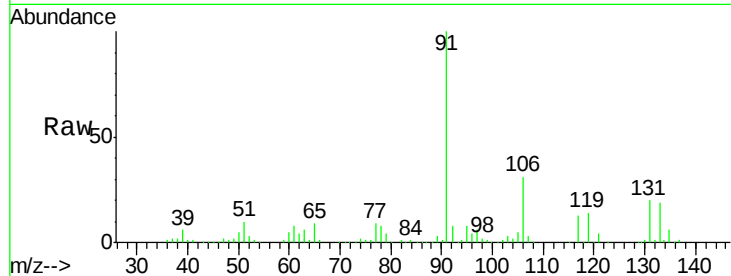
#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.219 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

Tgt Ion:131 Resp: 70829  
Ion Ratio Lower Upper  
131 100  
133 95.7 0.0 188.8  
119 67.9 0.0 131.4

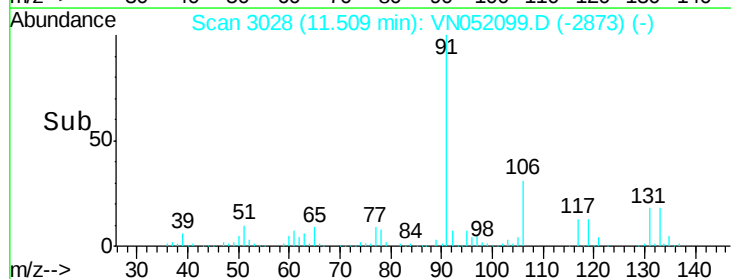
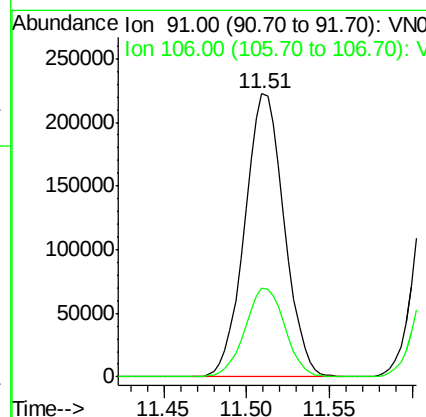
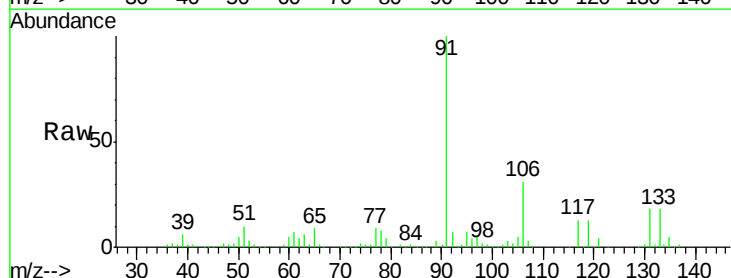
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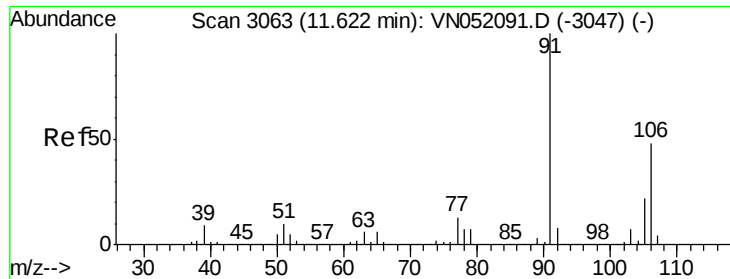
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#66  
Ethyl Benzene  
Concen: 18.910 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Tgt Ion: 91 Resp: 368136  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.7 38.5





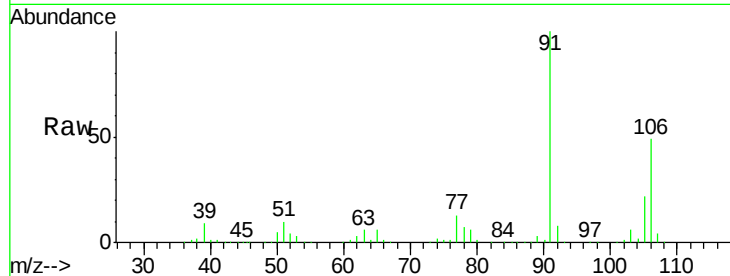
#67  
m/p-Xylenes  
Concen: 37.709 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

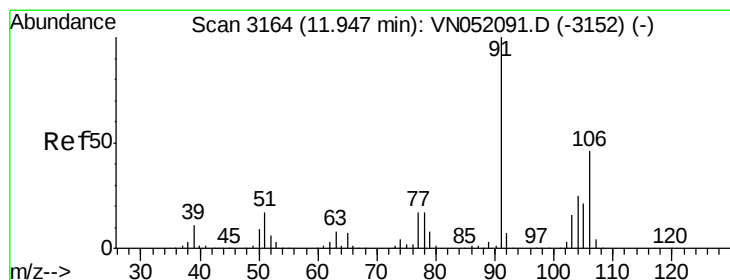
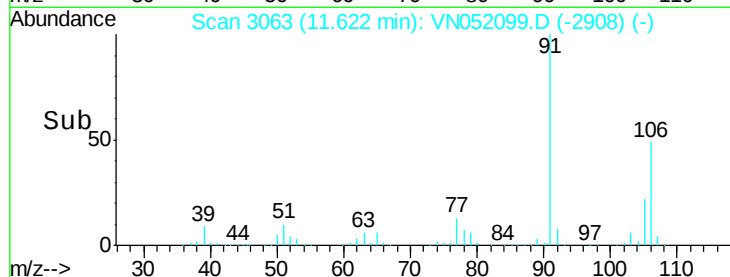
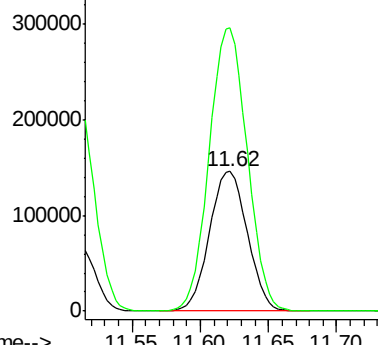
Tgt Ion:106 Resp: 282624  
Ion Ratio Lower Upper  
106 100  
91 202.6 163.6 245.4

Manual Integrations  
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11/2/2018 9:21:26 AM

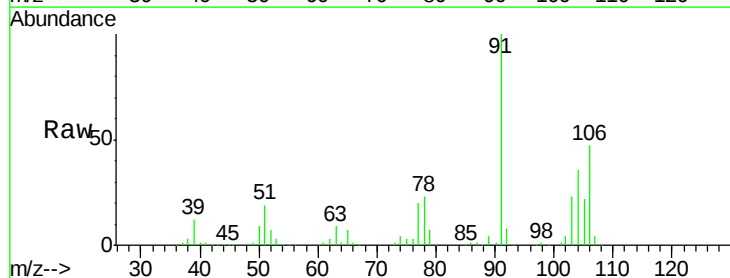


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN0

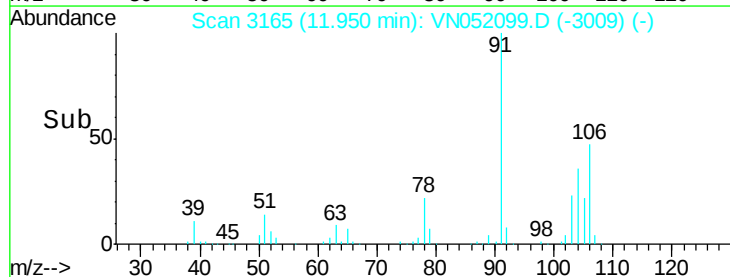
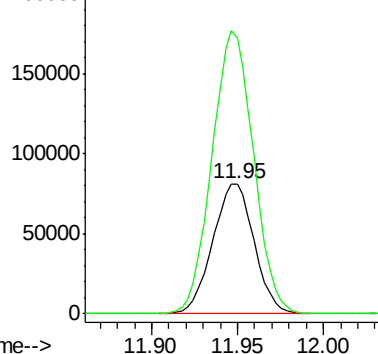


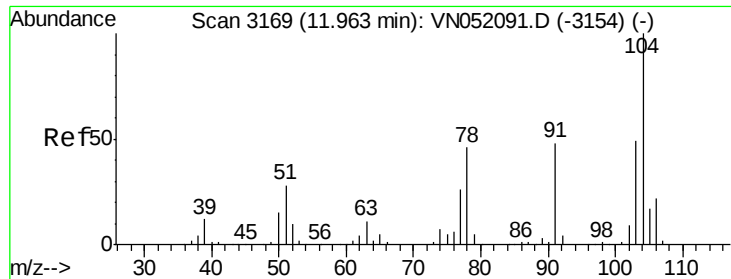
#68  
o-Xylene  
Concen: 18.978 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Tgt Ion:106 Resp: 135607  
Ion Ratio Lower Upper  
106 100  
91 218.5 110.0 330.0



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN0





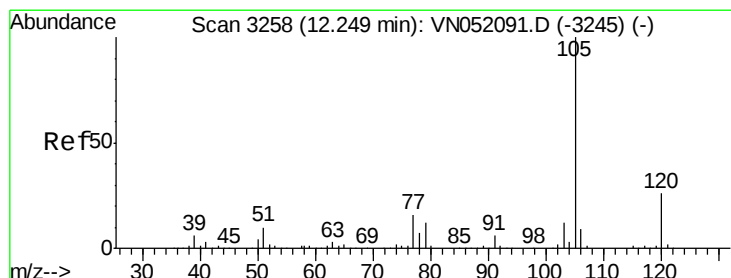
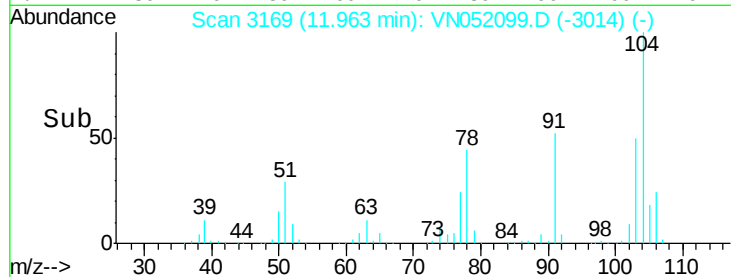
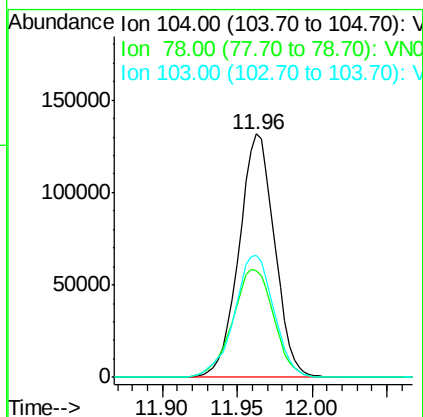
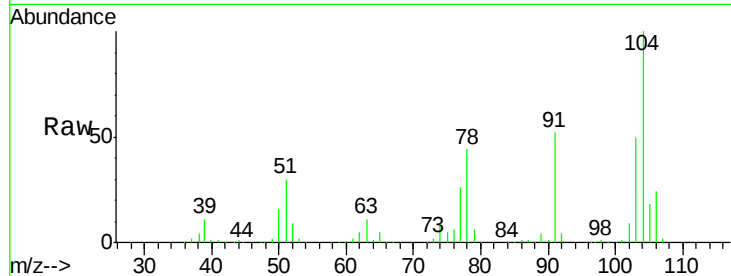
#69  
Styrene  
Concen: 18.983 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 51.2  | 41.3  | 61.9  |
| 103     | 55.4  | 43.3  | 64.9  |

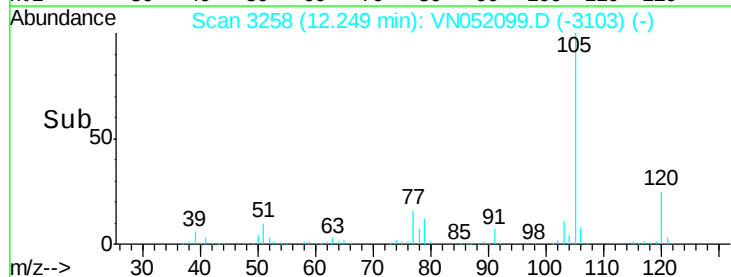
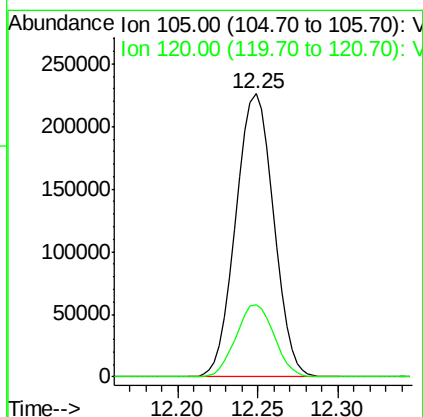
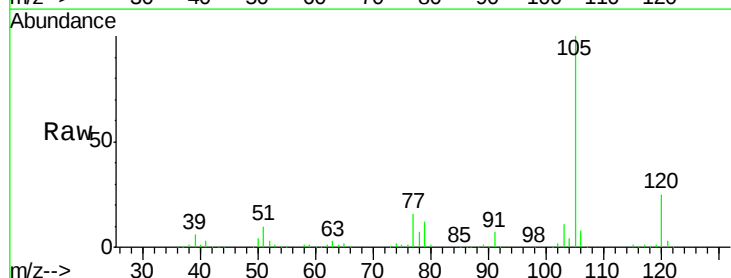
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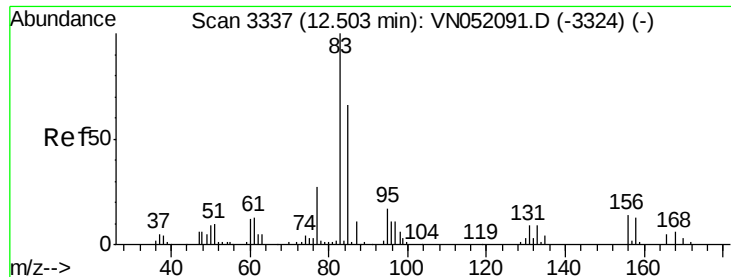
MMDadoda  
11/2/2018 9:21:26 AM



#70  
Isopropylbenzene  
Concen: 19.007 ug/l  
RT: 12.25 min Scan# 3258  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.6  | 18.4  | 34.2  |





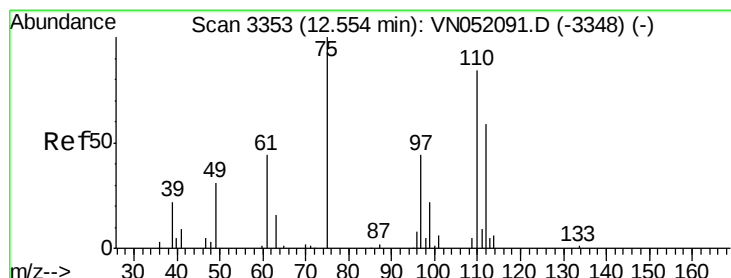
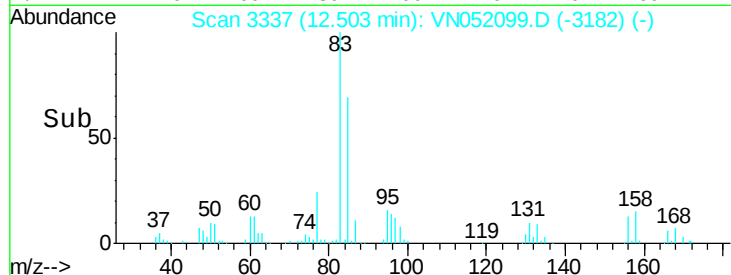
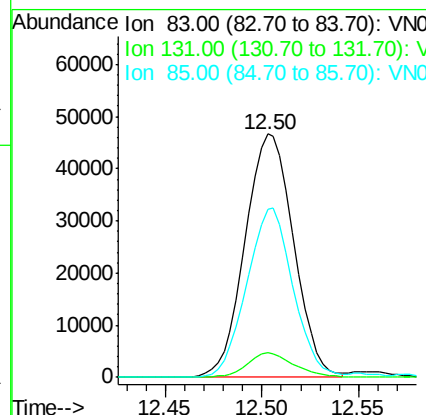
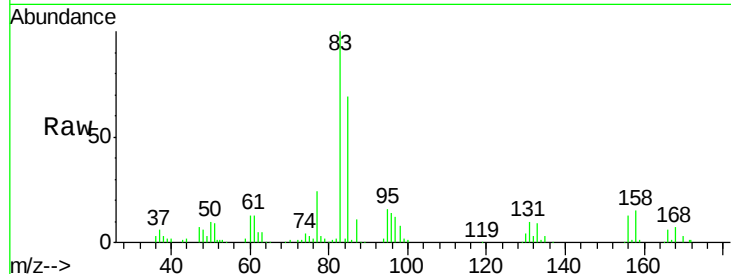
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.255 ug/l  
 RT: 12.50 min Scan# 3337  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 9.8   | 4.8   | 14.3  |
| 85      | 66.4  | 32.7  | 98.1  |

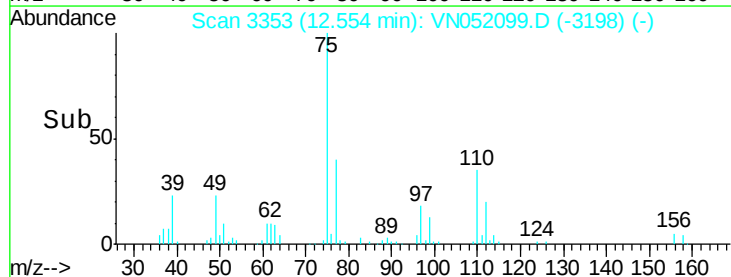
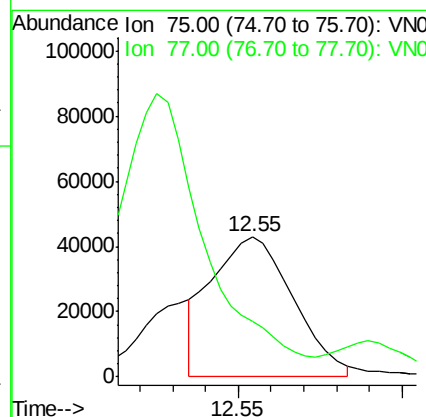
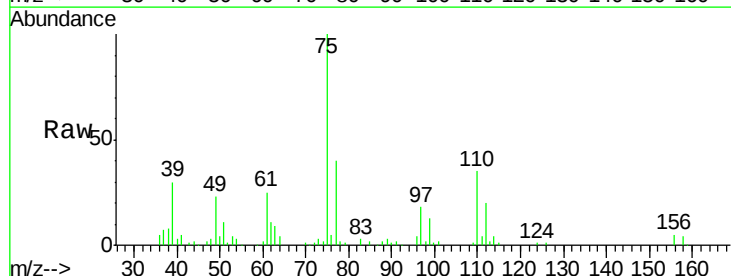
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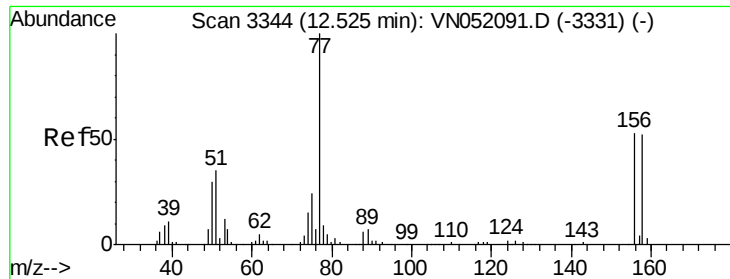
MMDadoda  
 11/2/2018 9:21:26 AM



#72  
 1,2,3-Trichloropropane  
 Concen: 20.001 ug/l m  
 RT: 12.55 min Scan# 3353  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 222.7 | 0.0   | 481.8 |





#73

Bromobenzene

Concen: 18.549 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA\_N

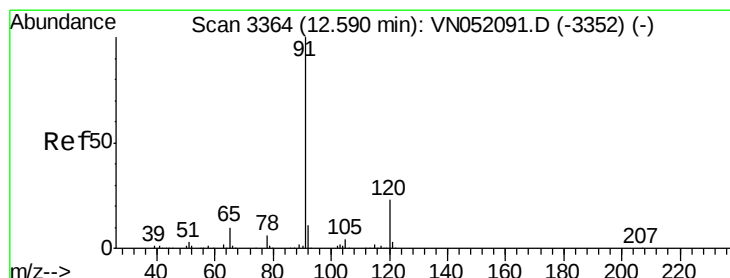
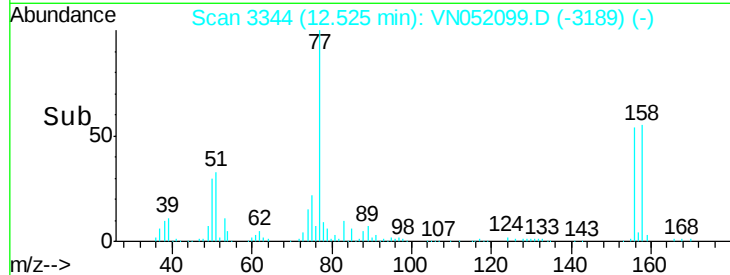
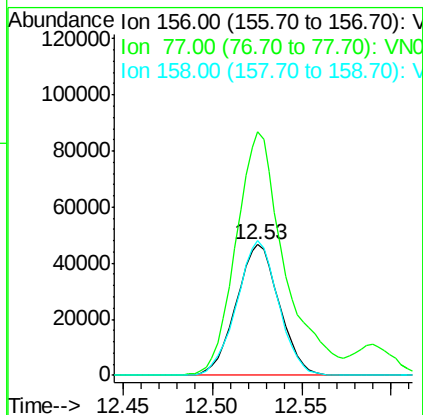
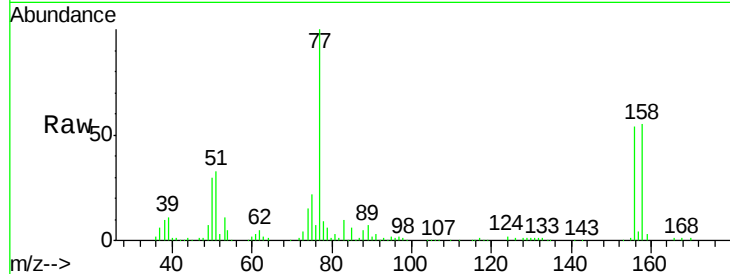
ClientSampleId :

VN1101WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 78844 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 209.6 | 0.0   | 428.0 |
| 158       | 99.2  | 0.0   | 196.8 |

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#74

n-propylbenzene

Concen: 18.697 ug/l

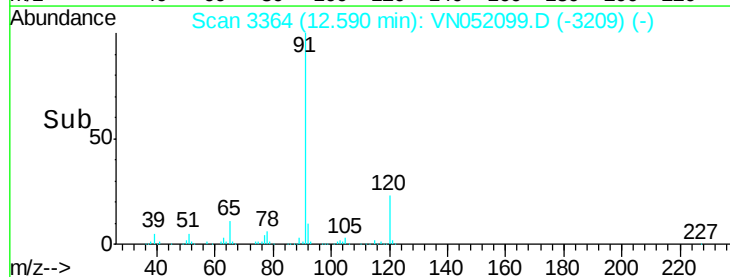
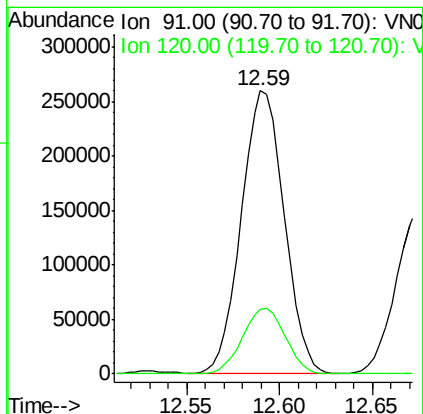
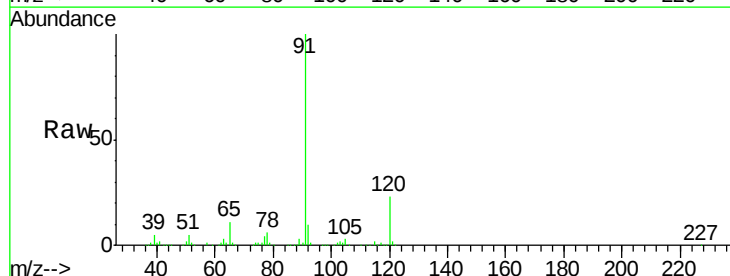
RT: 12.59 min Scan# 3364

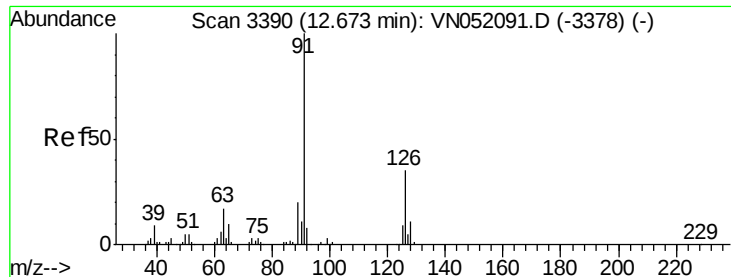
Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 417657 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.2  | 0.0   | 44.8   |





#75

2-Chlorotoluene

Concen: 18.936 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA\_N

ClientSampleId :

VN1101WBSD01

Tgt Ion: 91 Resp: 243865

Ion Ratio Lower Upper

91 100

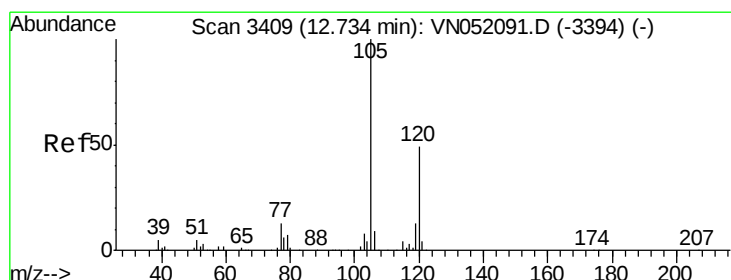
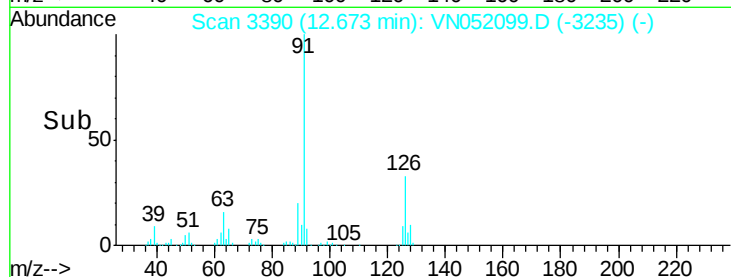
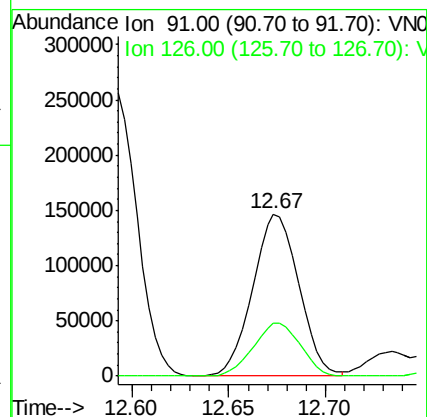
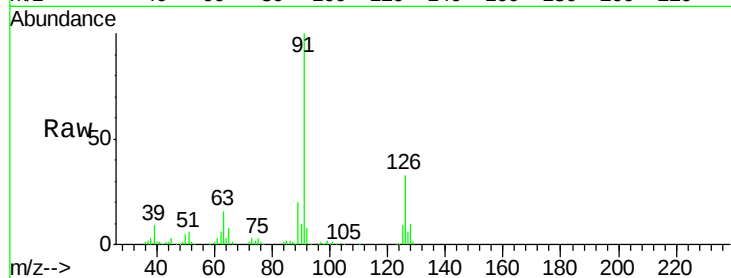
126 33.4 0.0 68.0

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#76

1,3,5-Trimethylbenzene

Concen: 19.106 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052099.D

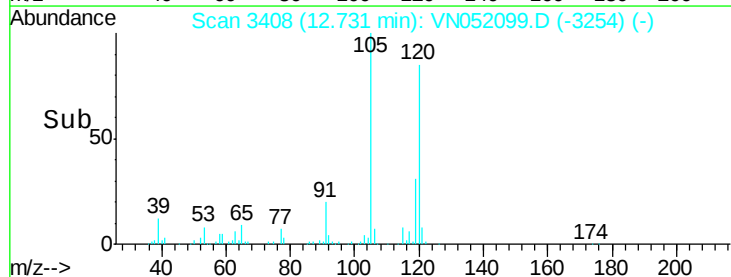
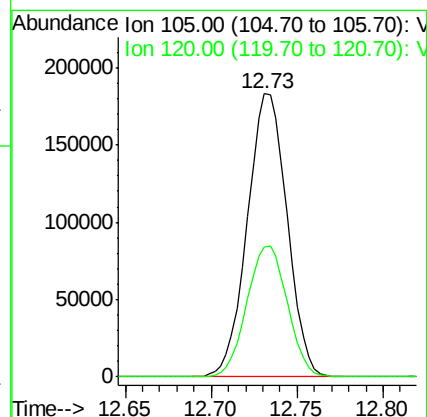
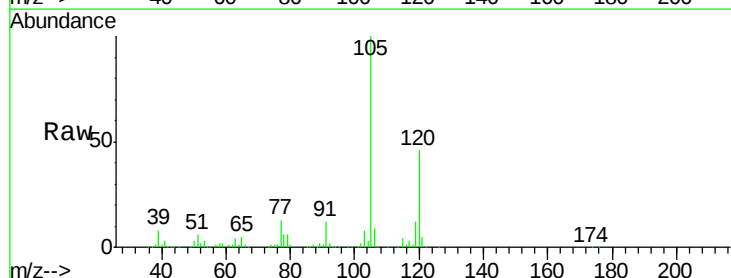
Acq: 1 Nov 2018 13:20

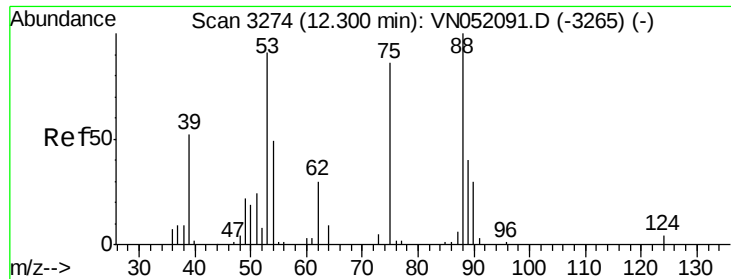
Tgt Ion: 105 Resp: 293884

Ion Ratio Lower Upper

105 100

120 47.0 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 17.164 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA\_N

ClientSampleId :

VN1101WBSD01

Tgt Ion: 75 Resp: 19923  
Ion Ratio Lower Upper

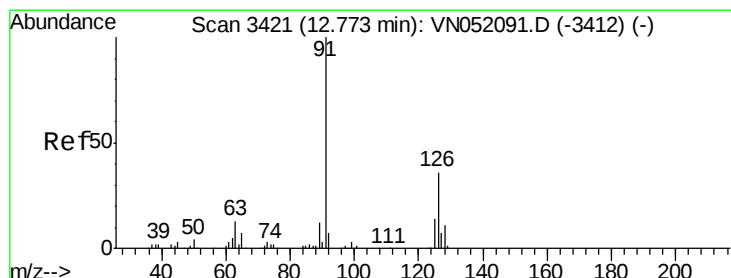
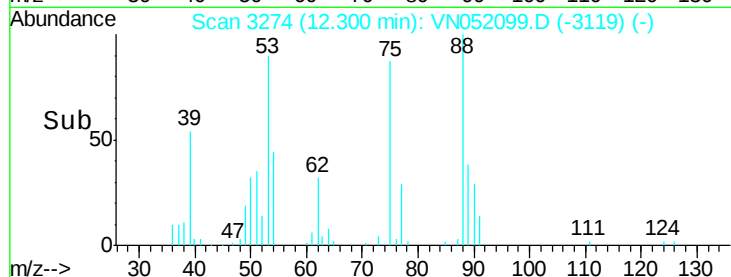
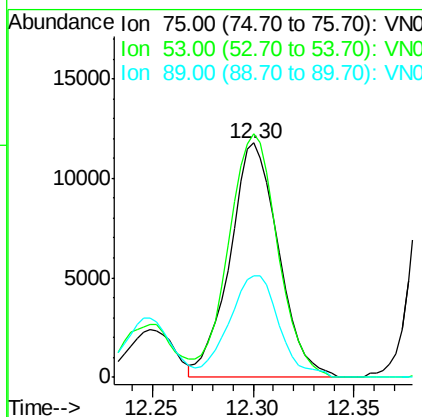
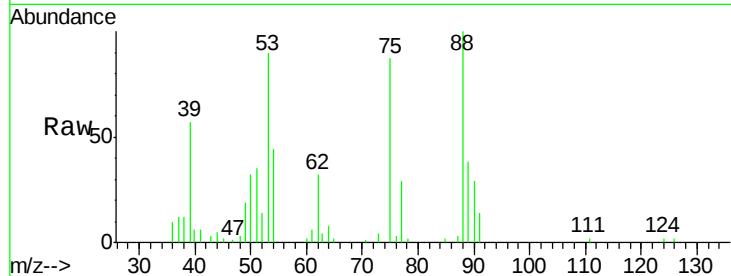
75 100

53 103.8 50.7 152.1

89 43.1 23.8 71.5

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#78

4-Chlorotoluene

Concen: 19.063 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

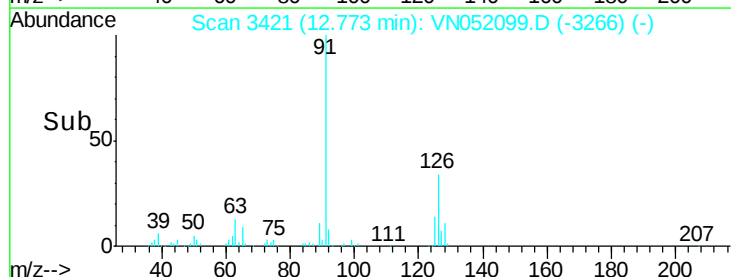
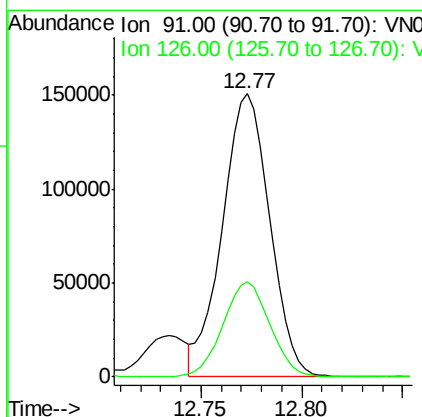
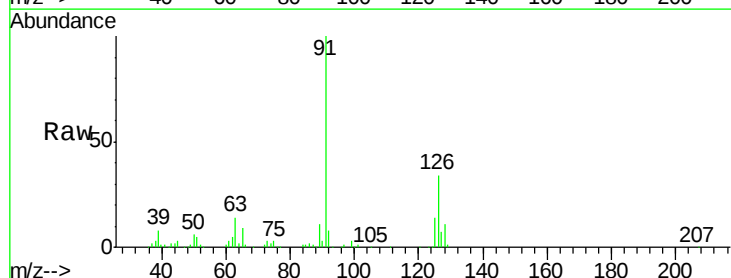
Lab File: VN052099.D

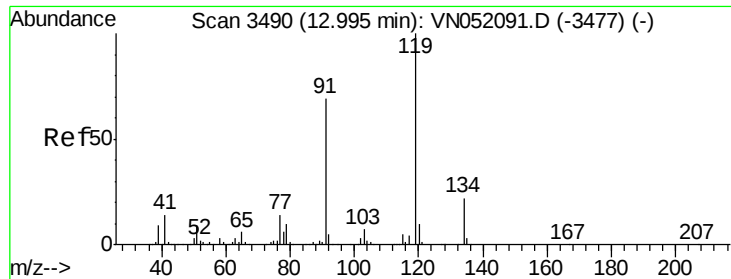
Acq: 1 Nov 2018 13:20

Tgt Ion: 91 Resp: 247225  
Ion Ratio Lower Upper

91 100

126 33.3 0.0 68.0





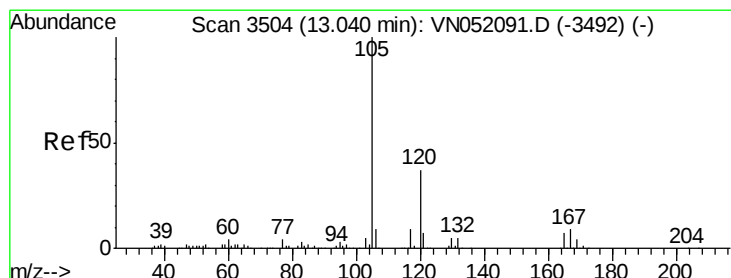
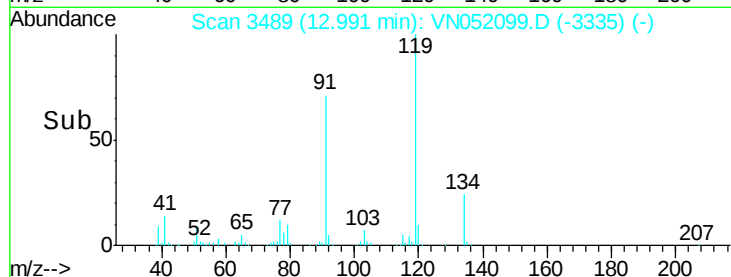
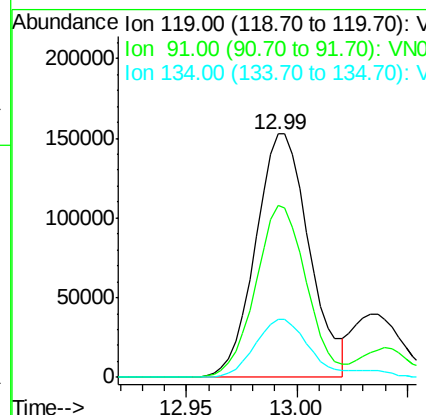
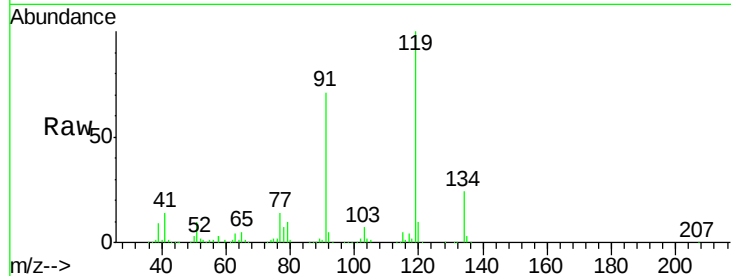
#79  
tert-butylbenzene  
Concen: 19.216 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 257476 |       |       |
| 91      | 66.8  | 0.0    | 131.2 |       |
| 134     | 23.8  | 0.0    | 45.8  |       |

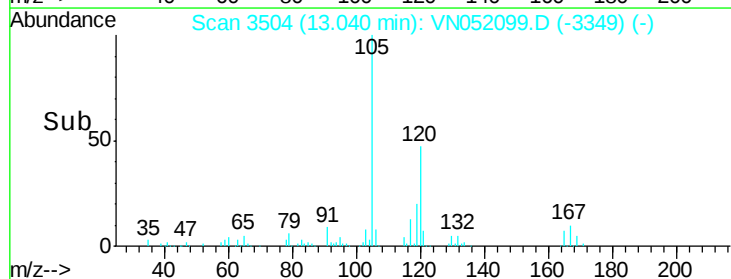
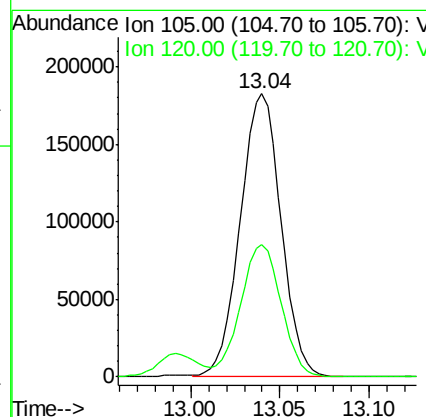
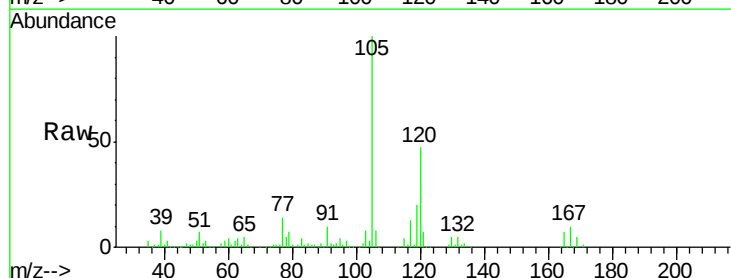
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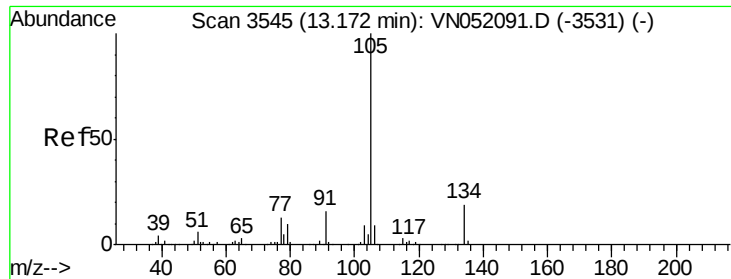
MMDadoda  
11/2/2018 9:21:26 AM



#80  
1,2,4-Trimethylbenzene  
Concen: 19.044 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 291824 |       |       |
| 120     | 46.6  | 0.0    | 89.4  |       |





#81

sec-Butylbenzene

Concen: 18.726 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA\_N

ClientSampleId :

VN1101WBSD01

Tgt Ion:105 Resp: 345304

Ion Ratio Lower Upper

105 100

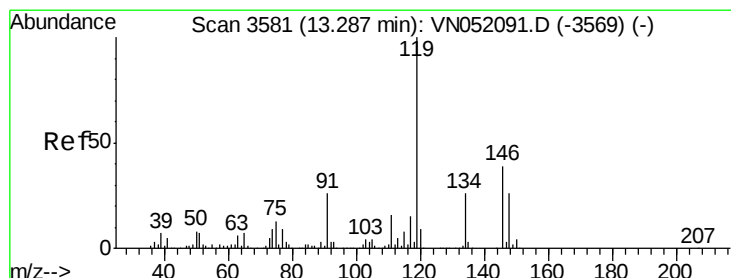
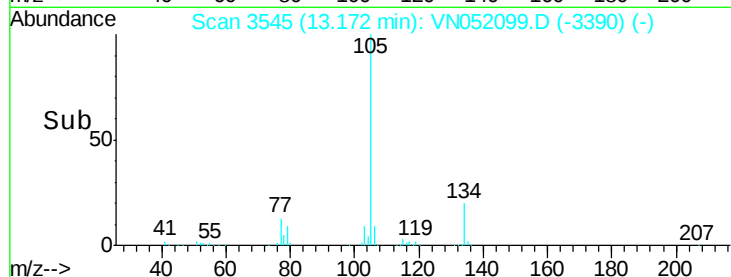
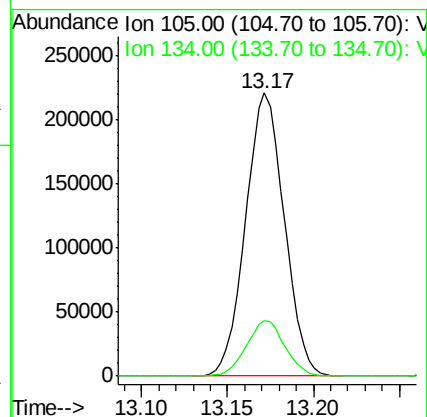
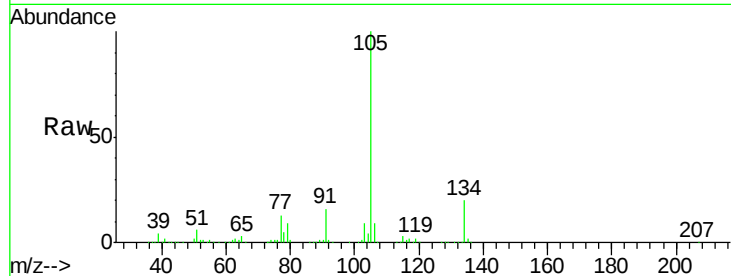
134 19.4 0.0 38.6

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#82

p-Isopropyltoluene

Concen: 18.704 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

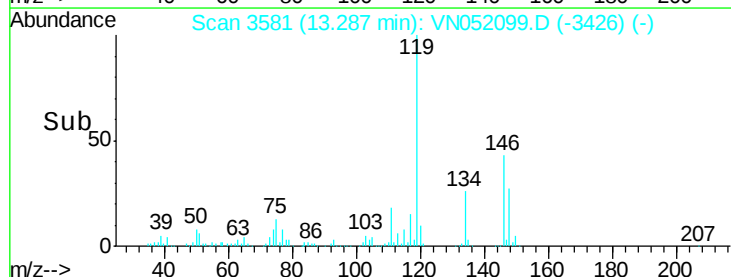
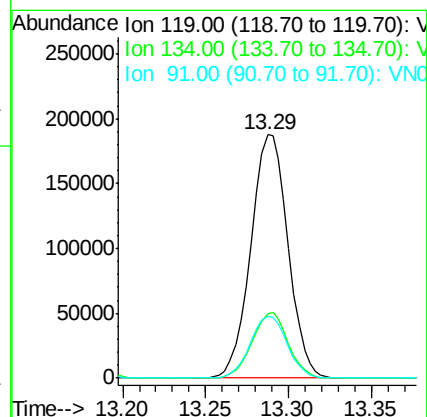
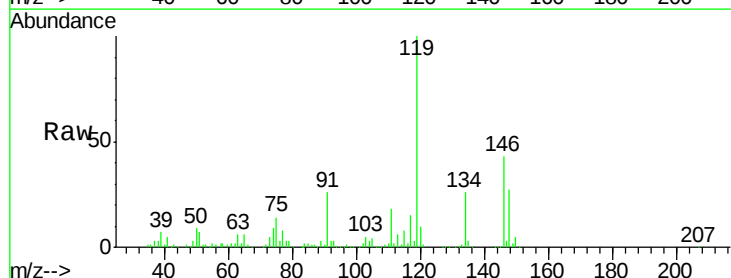
Tgt Ion:119 Resp: 291470

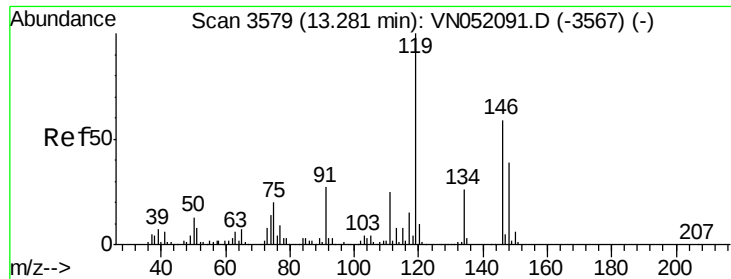
Ion Ratio Lower Upper

119 100

134 26.2 0.0 52.0

91 25.5 0.0 50.8





#83

1,3-Dichlorobenzene

Concen: 19.177 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA\_N

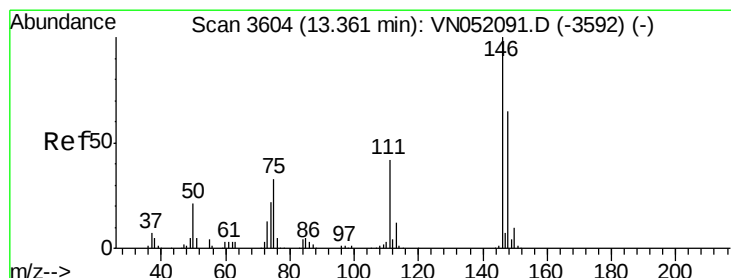
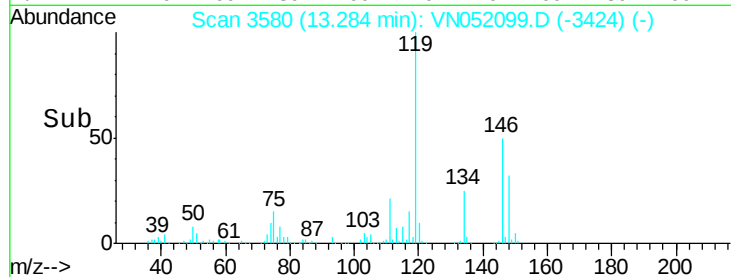
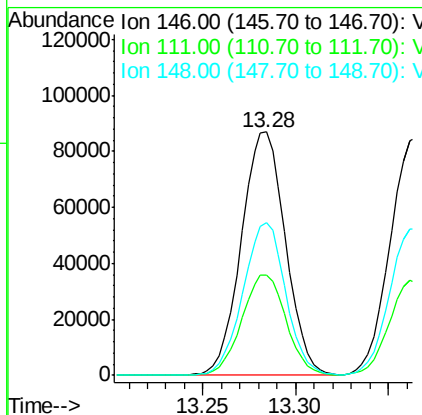
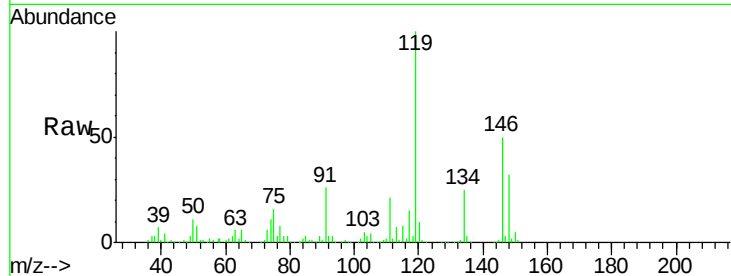
ClientSampleId :

VN1101WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 144180 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.4  | 21.0  | 63.0   |
| 148       | 60.9  | 33.4  | 100.2  |

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#84

1,4-Dichlorobenzene

Concen: 18.813 ug/l

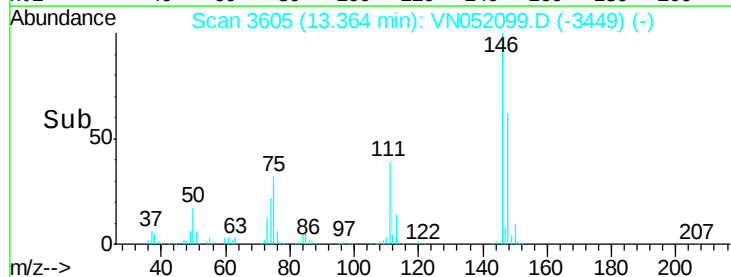
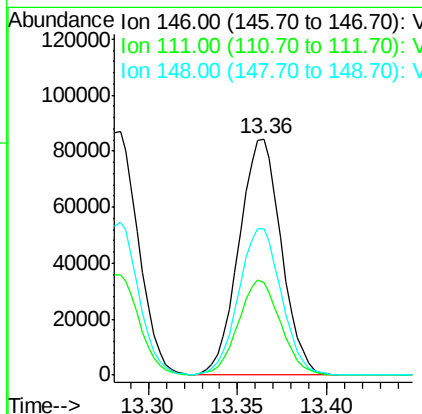
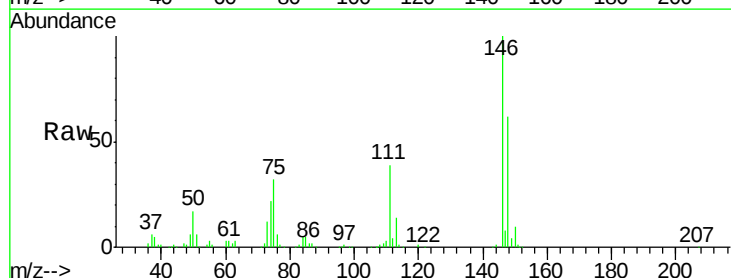
RT: 13.36 min Scan# 3605

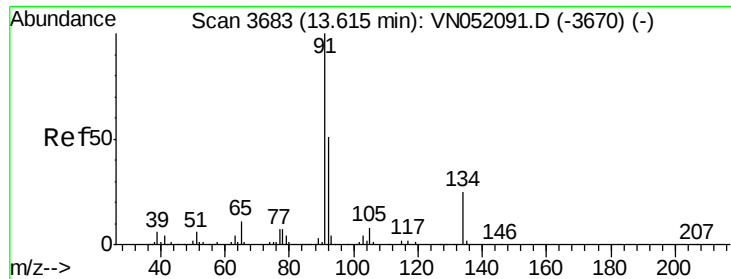
Delta R.T. 0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 140024 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.0  | 21.4  | 64.2   |
| 148       | 62.5  | 32.6  | 98.0   |





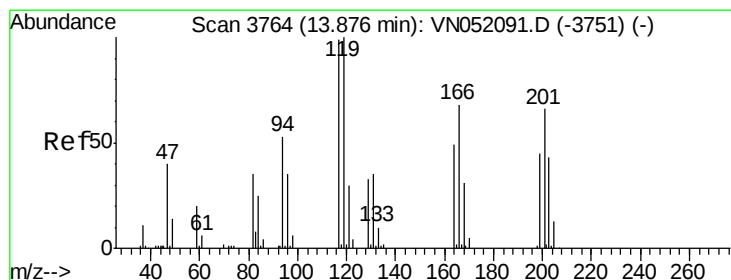
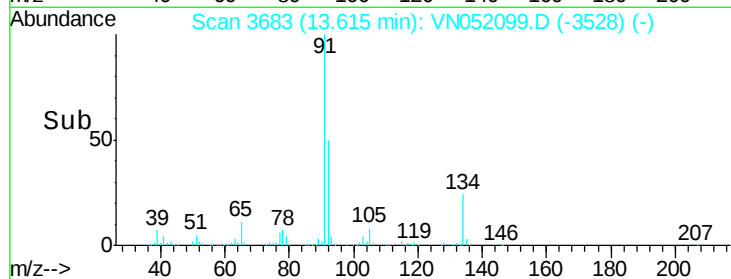
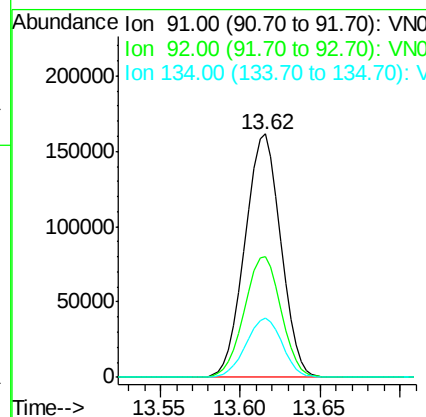
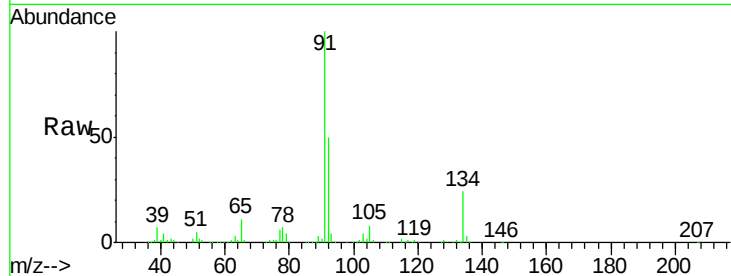
#85  
n-Butylbenzene  
Concen: 18.286 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 50.8  | 0.0   | 102.8 |
| 134     | 24.6  | 0.0   | 49.2  |

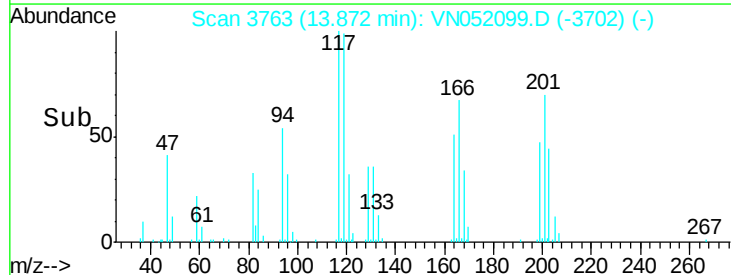
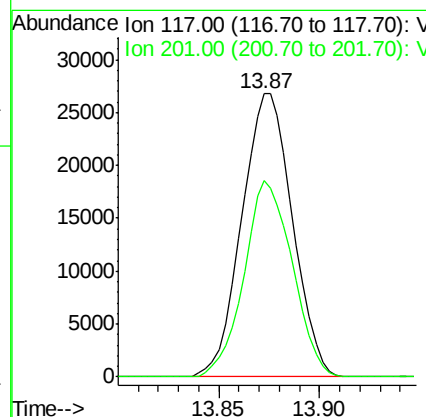
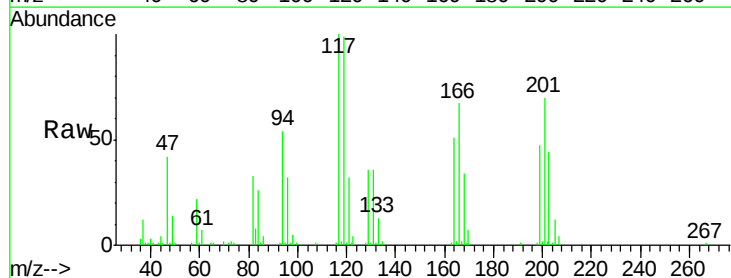
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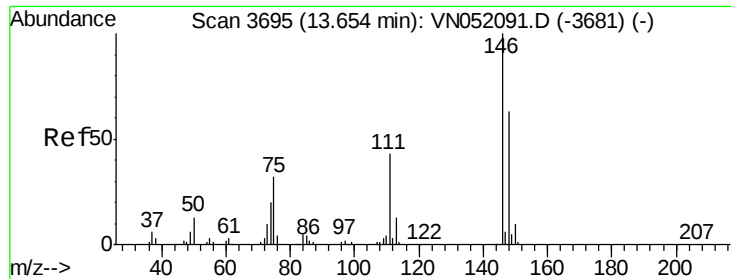
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#86  
Hexachloroethane  
Concen: 17.890 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 66.1  | 32.2  | 96.6  |





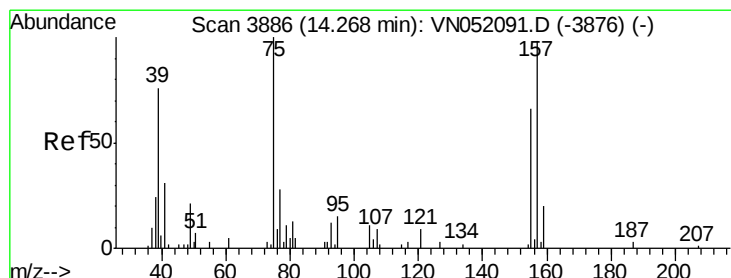
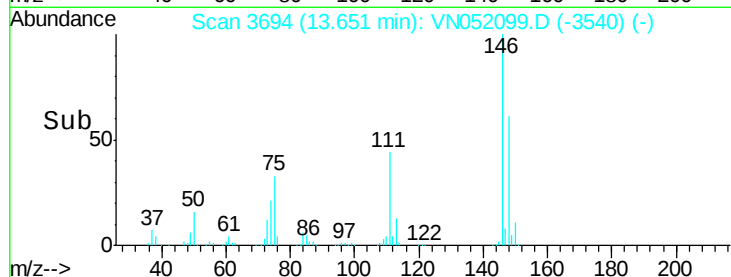
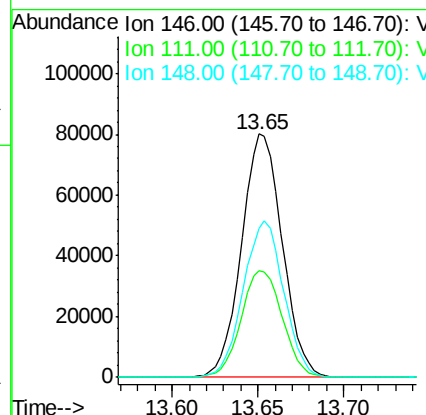
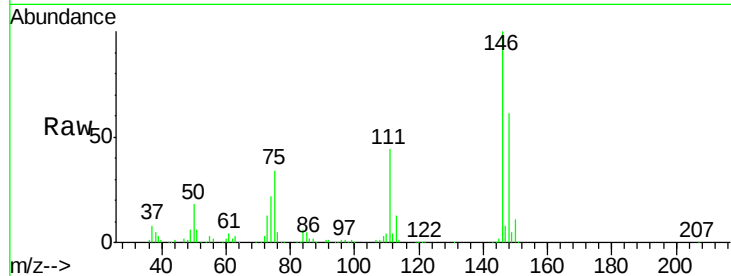
#87  
 1,2-Dichlorobenzene  
 Concen: 18.525 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.3  | 22.4  | 67.0  |
| 148     | 63.8  | 32.5  | 97.4  |

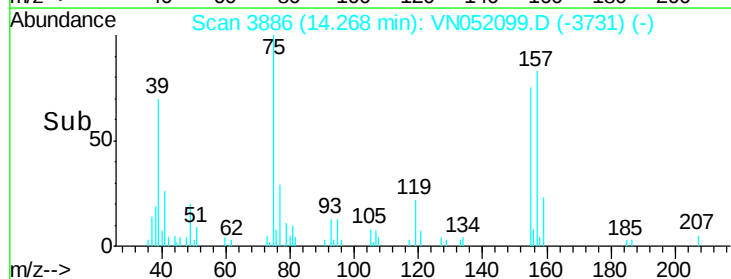
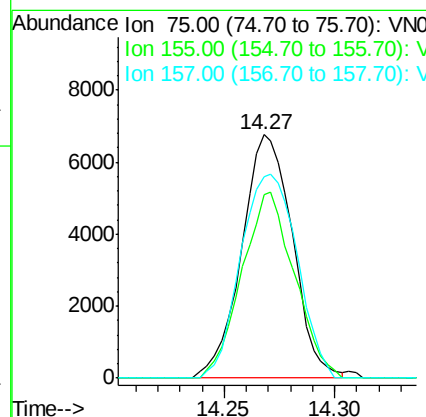
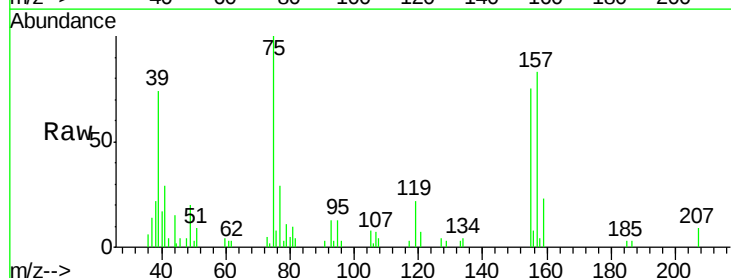
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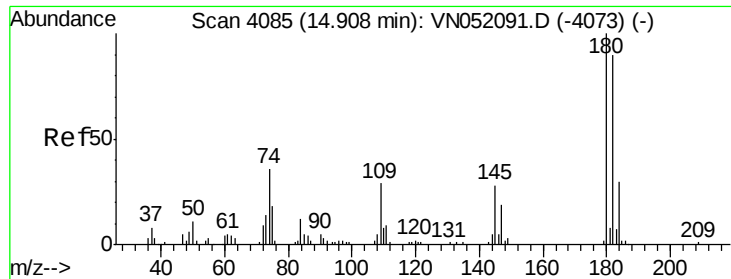
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#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.723 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 79.2  | 56.7  | 85.1  |
| 157     | 93.3  | 80.4  | 120.6 |





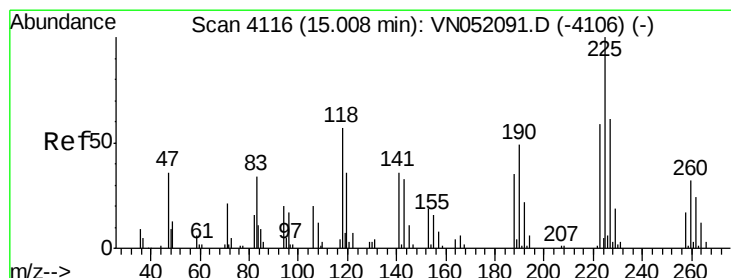
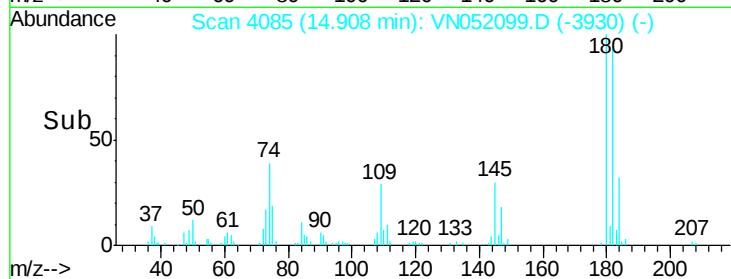
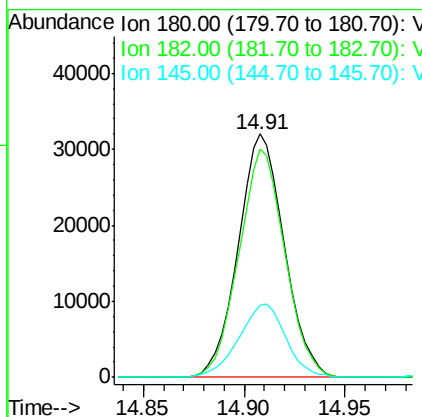
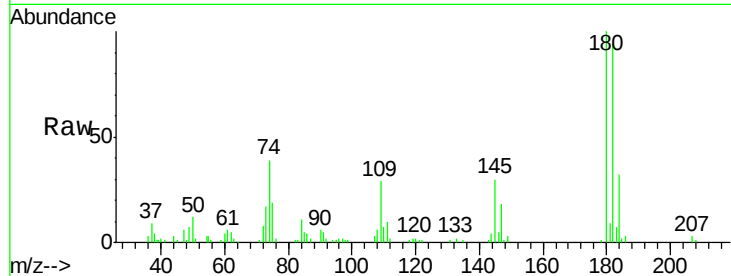
#89  
 1,2,4-Trichlorobenzene  
 Concen: 17.621 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.6  | 74.0  | 111.0 |
| 145     | 30.9  | 24.6  | 36.8  |

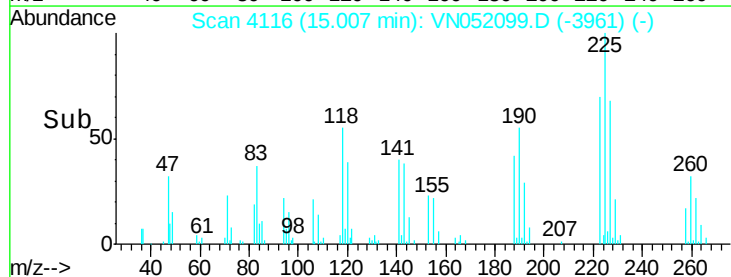
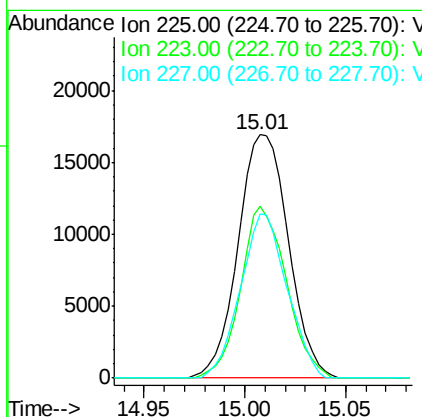
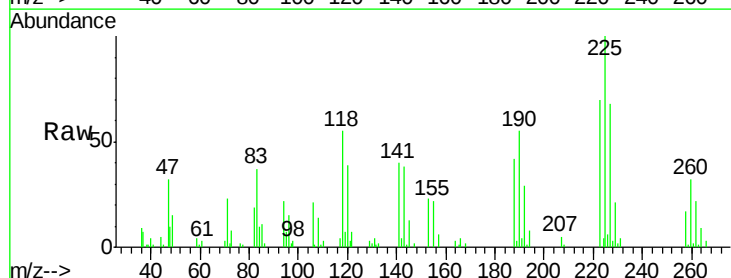
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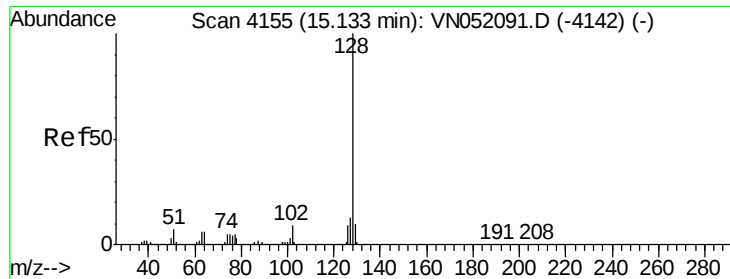
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#90  
 Hexachlorobutadiene  
 Concen: 18.650 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. -0.00 min  
 Lab File: VN052099.D  
 Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.1  | 0.0   | 121.2 |
| 227     | 62.5  | 0.0   | 127.2 |





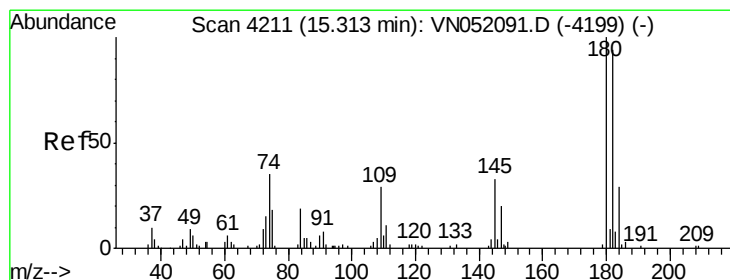
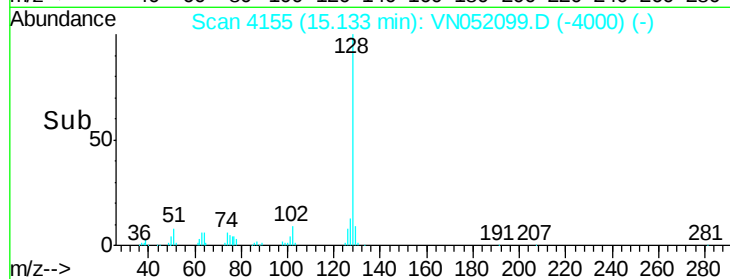
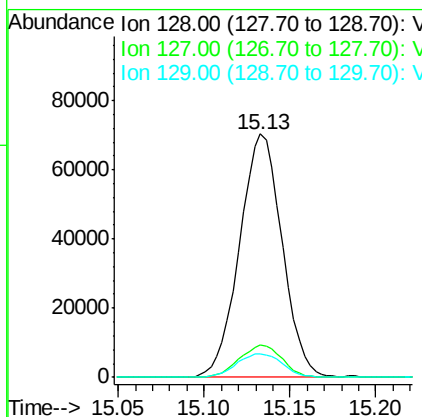
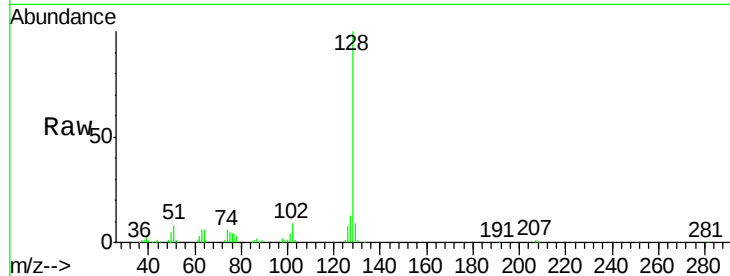
#91  
Naphthalene  
Concen: 18.051 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. -0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1101WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.4  | 15.6  |
| 129     | 10.5  | 8.3   | 12.5  |

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#92  
1,2,3-Trichlorobenzene  
Concen: 18.560 ug/l  
RT: 15.32 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN052099.D  
Acq: 1 Nov 2018 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.2  | 0.0   | 186.6 |
| 145     | 34.7  | 0.0   | 66.6  |

