

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\  
 Data File : VN054735.D  
 Acq On : 28 Mar 2019 11:09  
 Operator : JC/SP  
 Sample : VN0328WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/29/2019 9:49:28 AM

Quant Time: Mar 29 05:34:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032019W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 22 02:09:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 450134   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 727484   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 628511   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 270130   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 260534   | 46.53 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.06% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 208911   | 44.57 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.14% |      |
| 50) Toluene-d8            | 10.09  | 98  | 758641   | 43.06 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 86.12% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 253208   | 42.23 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 84.46% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 91344   | 21.227  | ug/l   | 96     |
| 3) Chloromethane              | 2.06 | 50  | 125456  | 21.428  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.19 | 62  | 111903  | 19.037  | ug/l   | 98     |
| 5) Bromomethane               | 2.58 | 94  | 64959   | 17.090  | ug/l   | 100    |
| 6) Chloroethane               | 2.71 | 64  | 60213   | 17.078  | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 3.03 | 101 | 140028  | 19.616  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.41 | 74  | 44618   | 16.251  | ug/l   | 66     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101 | 74057   | 17.652  | ug/l   | 94     |
| 10) Methyl Iodide             | 3.95 | 142 | 100405  | 16.269  | ug/l # | 90     |
| 11) Tert butyl alcohol        | 4.82 | 59  | 32217   | 95.043  | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.73 | 96  | 70453   | 16.227  | ug/l # | 72     |
| 13) Acrolein                  | 3.61 | 56  | 28087   | 60.042  | ug/l   | 92     |
| 14) Allyl chloride            | 4.32 | 41  | 169357  | 20.715  | ug/l # | 92     |
| 15) Acrylonitrile             | 5.00 | 53  | 181054  | 107.256 | ug/l   | 100    |
| 16) Acetone                   | 3.82 | 43  | 180823  | 107.420 | ug/l # | 82     |
| 17) Carbon Disulfide          | 4.04 | 76  | 221271  | 19.021  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.34 | 43  | 79506   | 21.191  | ug/l # | 89     |
| 19) Methyl tert-butyl Ether   | 5.06 | 73  | 248086  | 19.579  | ug/l   | 94     |
| 20) Methylene Chloride        | 4.55 | 84  | 99248   | 20.001  | ug/l # | 82     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 93047   | 20.988  | ug/l   | 87     |
| 22) Diisopropyl ether         | 5.96 | 45  | 345967  | 21.453  | ug/l # | 95     |
| 23) Vinyl Acetate             | 5.90 | 43  | 1229888 | 107.984 | ug/l # | 92     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 186513  | 21.480  | ug/l   | 99     |
| 25) 2-Butanone                | 6.85 | 43  | 241288  | 111.897 | ug/l # | 89     |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 128621  | 20.780  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 106014  | 20.048  | ug/l   | 87     |
| 28) Bromochloromethane        | 7.20 | 49  | 78630   | 18.397  | ug/l # | 69     |
| 29) Tetrahydrofuran           | 7.22 | 42  | 152893  | 109.262 | ug/l # | 84     |
| 30) Chloroform                | 7.37 | 83  | 176217  | 20.795  | ug/l   | 100    |
| 31) Cyclohexane               | 7.65 | 56  | 180999  | 20.665  | ug/l   | 88     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 145045  | 20.748  | ug/l   | 95     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 134132  | 19.719  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.94 | 43  | 101893  | 21.062  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 126300  | 19.107  | ug/l   | 99     |

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 Acq On : 28 Mar 2019 11:09  
 Operator : JC/SP  
 Sample : VN0328WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0328WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/29/2019 9:49:28 AM

Quant Time: Mar 29 05:34:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032019W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 22 02:09:07 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 155880   | 20.034  | ug/l   | 89       |
| 40) Benzene                    | 8.04  | 78   | 396630   | 20.391  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 49143    | 16.657  | ug/l   | 92       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 140943   | 19.897  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 167712   | 20.527  | ug/l # | 93       |
| 44) Trichloroethene            | 8.83  | 130  | 102678   | 18.987  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 110167   | 21.093  | ug/l   | 100      |
| 46) Dibromomethane             | 9.21  | 93   | 64348    | 20.652  | ug/l   | 85       |
| 47) Bromodichloromethane       | 9.40  | 83   | 131028   | 20.262  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.20  | 41   | 86424    | 19.489  | ug/l # | 85       |
| 49) 1,4-Dioxane                | 9.21  | 88   | 19508    | 393.494 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 477945   | 105.551 | ug/l   | 92       |
| 52) Toluene                    | 10.16 | 92   | 231566   | 19.357  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 117569   | 18.698  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 149204   | 20.123  | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 87300    | 20.301  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 110548   | 19.153  | ug/l # | 82       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 151918   | 20.323  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 176339   | 74.194  | ug/l # | 87       |
| 59) 2-Hexanone                 | 10.75 | 43   | 311000   | 105.150 | ug/l   | 90       |
| 60) Dibromochloromethane       | 10.90 | 129  | 87219    | 19.060  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 81442    | 19.157  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 100934   | 19.361  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 245479   | 19.203  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 91758    | 19.998  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 441480   | 19.551  | ug/l   | 95       |
| 68) m/p-Xylenes                | 11.62 | 106  | 327730   | 38.318  | ug/l   | 94       |
| 69) o-Xylene                   | 11.95 | 106  | 159656   | 19.114  | ug/l   | 95       |
| 70) Styrene                    | 11.96 | 104  | 259259   | 19.113  | ug/l   | 95       |
| 71) Bromoform                  | 12.13 | 173  | 51436    | 17.759  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 416710   | 19.144  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.07 | 43   | 137278   | 21.933  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 104132   | 20.956  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 88117m   | 20.557  | ug/l   |          |
| 77) Bromobenzene               | 12.53 | 156  | 102156   | 18.922  | ug/l   | 85       |
| 78) n-propylbenzene            | 12.59 | 91   | 476580   | 20.191  | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 285844   | 19.420  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 348181   | 19.516  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 22376    | 20.026  | ug/l # | 83       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 279535   | 19.592  | ug/l   | 95       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 294029   | 18.934  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 343700   | 19.634  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 387187   | 20.001  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 341262   | 19.704  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 174891   | 19.549  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 169466   | 19.469  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.61 | 91   | 278393   | 20.557  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.87 | 117  | 52923    | 19.686  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 168526   | 19.448  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 15173    | 20.818  | ug/l   | 80       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\  
Data File : VN054735.D  
Acq On : 28 Mar 2019 11:09  
Operator : JC/SP  
Sample : VN0328WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

Manual Integrations  
APPROVED

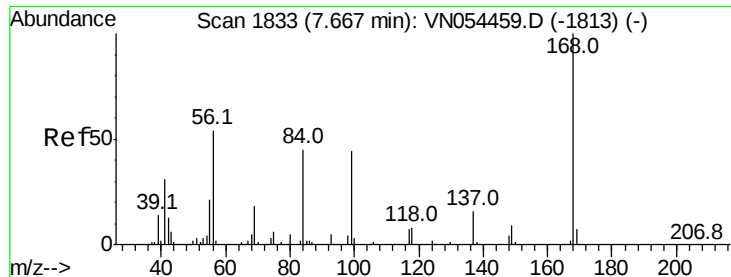
MMDadoda  
3/29/2019 9:49:28 AM

Quant Time: Mar 29 05:34:50 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032019W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 22 02:09:07 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 78530    | 18.179 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 58953    | 22.949 | ug/l  | 95       |
| 95) Naphthalene            | 15.13 | 128  | 171925   | 17.843 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 79082    | 18.394 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion:168 Resp: 450134

Ion Ratio Lower Upper

168 100

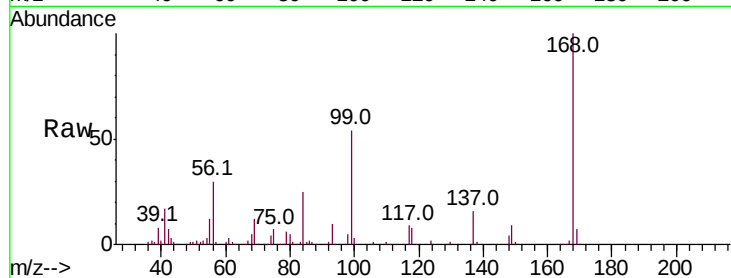
99 53.2 37.1 55.7

Manual Integrations

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3/29/2019 9:49:28 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

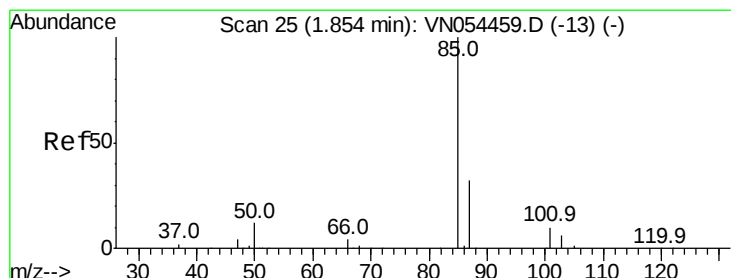
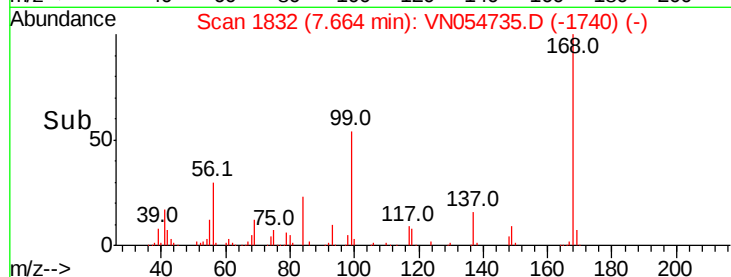
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 21.227 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054735.D

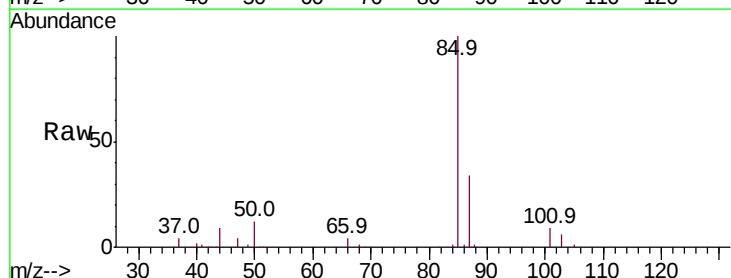
Acq: 28 Mar 2019 11:09

Tgt Ion: 85 Resp: 91344

Ion Ratio Lower Upper

85 100

87 34.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

60000

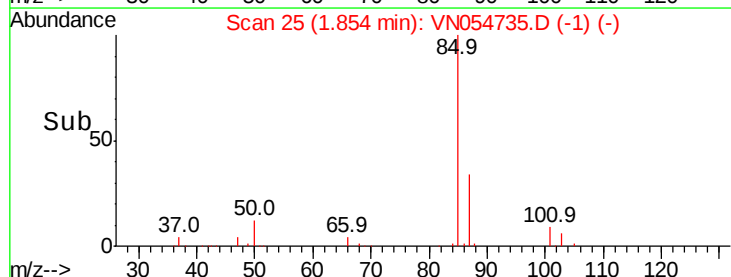
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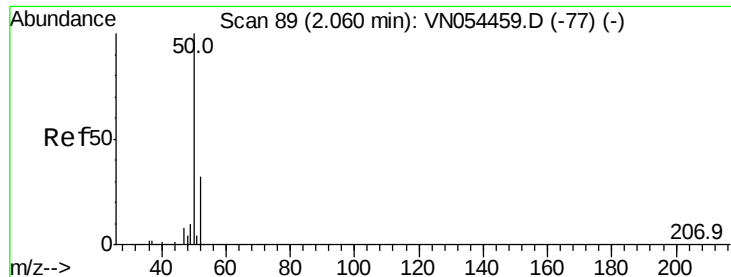
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 21.428 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion: 50 Resp: 125456

Ion Ratio Lower Upper

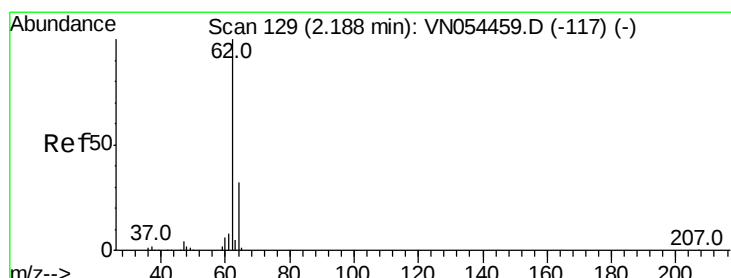
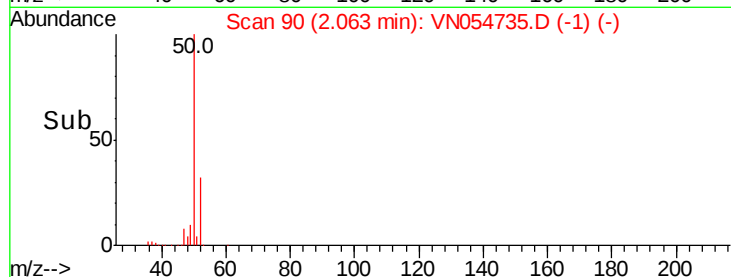
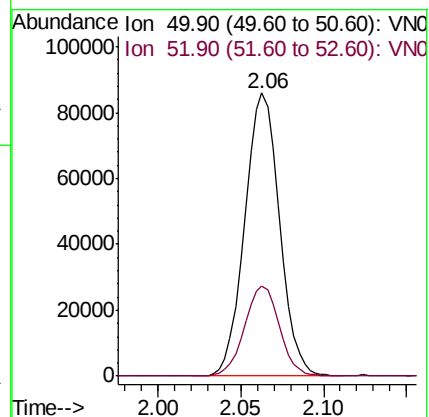
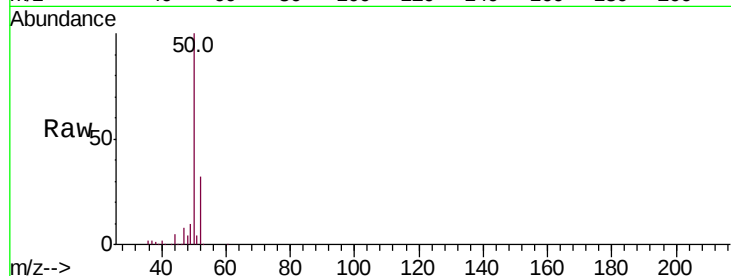
50 100

52 31.7 26.4 39.6

Manual Integrations  
APPROVED

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3/29/2019 9:49:28 AM



#4

Vinyl Chloride

Concen: 19.037 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054735.D

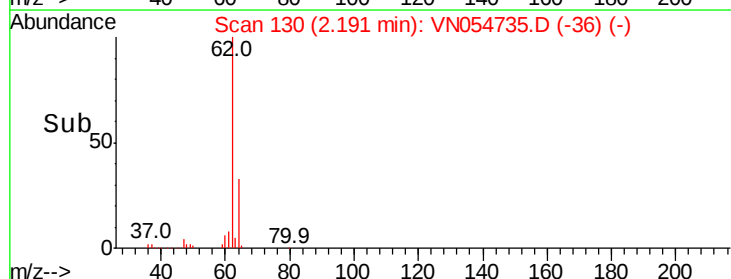
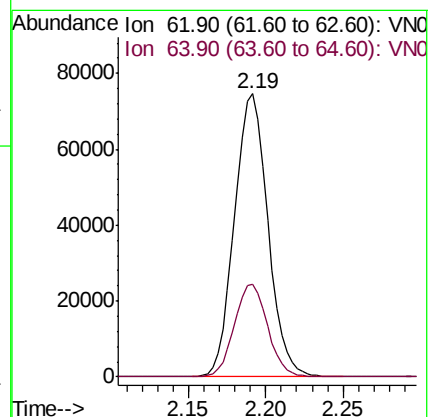
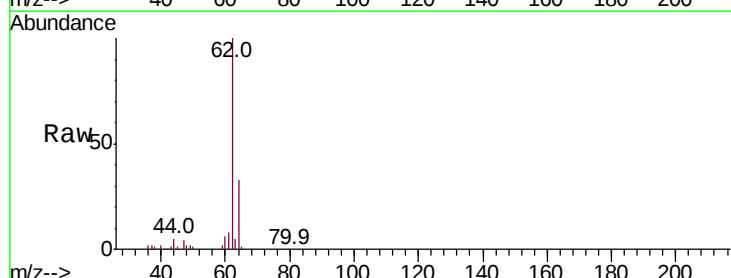
Acq: 28 Mar 2019 11:09

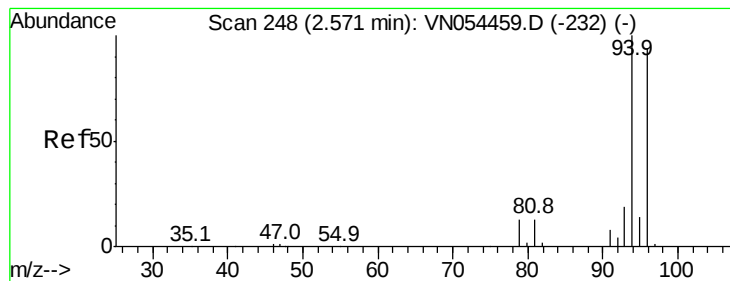
Tgt Ion: 62 Resp: 111903

Ion Ratio Lower Upper

62 100

64 32.8 25.5 38.3





#5

Bromomethane

Concen: 17.090 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion: 94 Resp: 64959

Ion Ratio Lower Upper

94 100

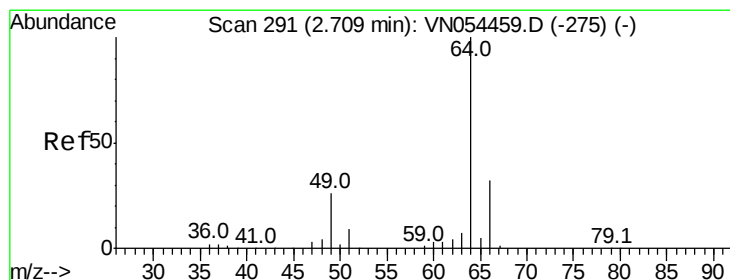
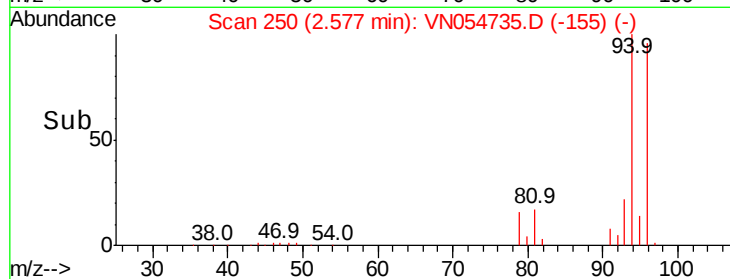
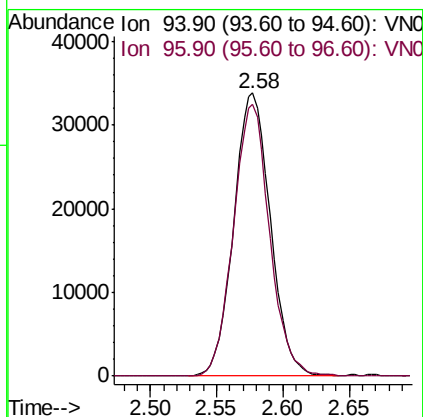
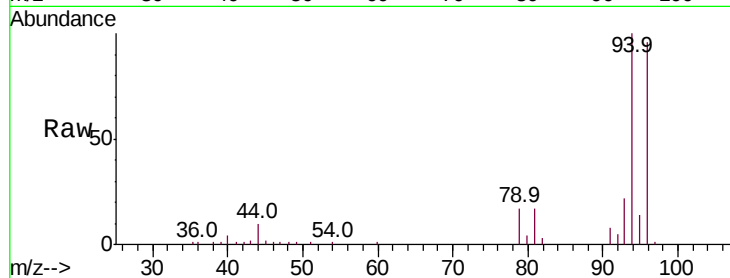
96 96.2 77.0 115.4

Manual Integrations

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3/29/2019 9:49:28 AM



#6

Chloroethane

Concen: 17.078 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054735.D

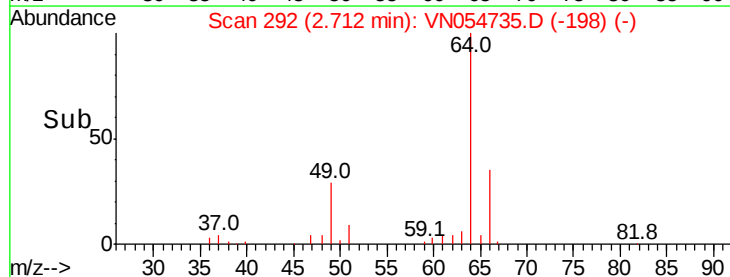
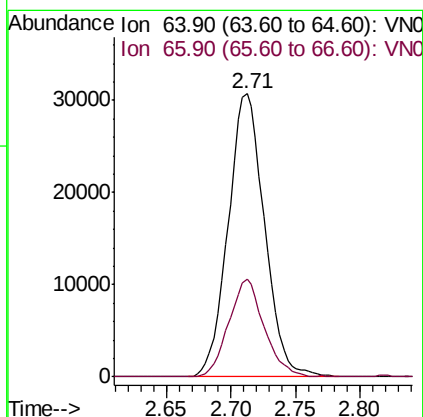
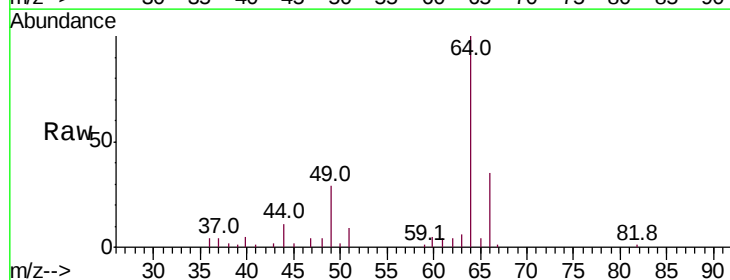
Acq: 28 Mar 2019 11:09

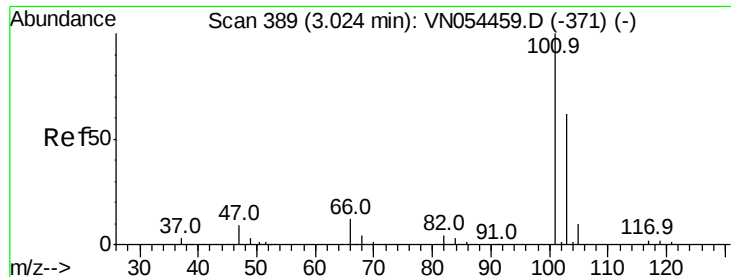
Tgt Ion: 64 Resp: 60213

Ion Ratio Lower Upper

64 100

66 34.7 25.7 38.5





#7

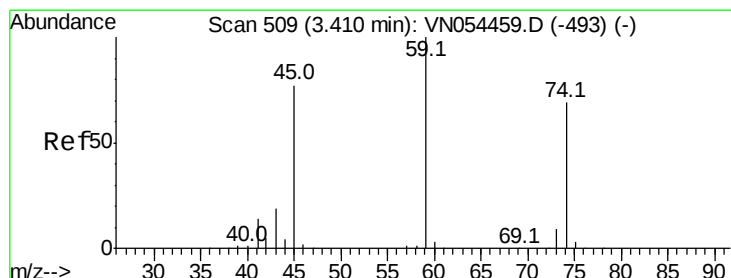
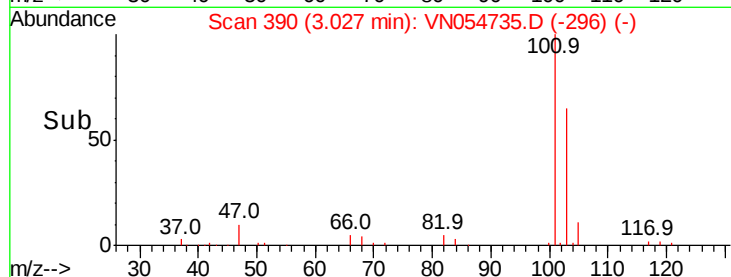
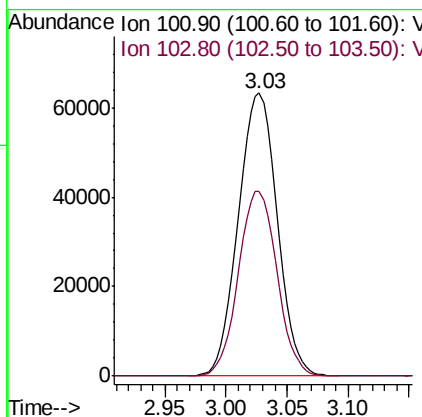
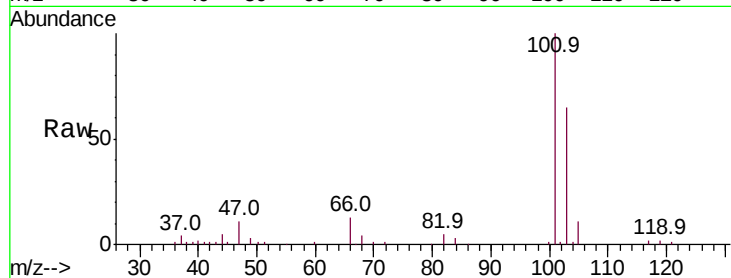
Trichlorofluoromethane  
Concen: 19.616 ug/l  
RT: 3.03 min Scan# 390  
Delta R.T. 0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

Tot Ion:101 Resp: 140028  
Ion Ratio Lower Upper  
101 100  
103 65.4 51.4 77.2

Manual Integrations  
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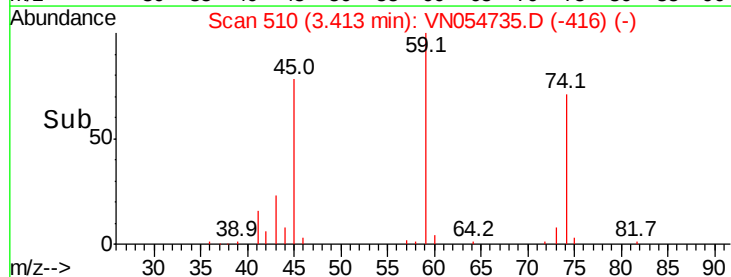
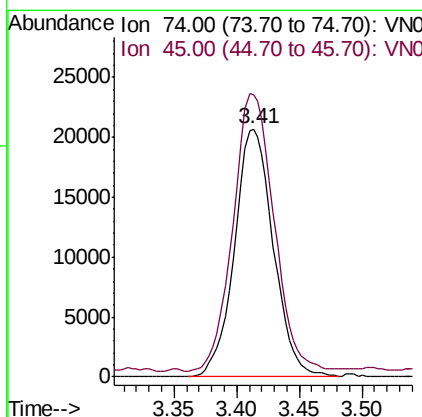
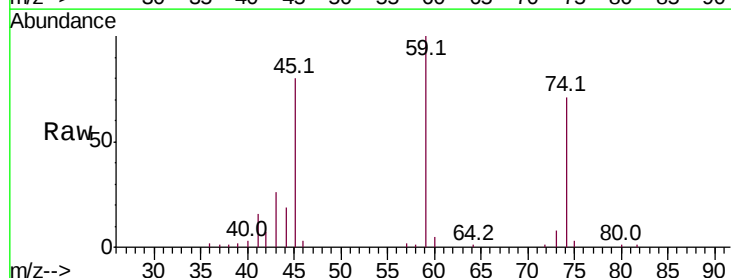
MMDadoda  
3/29/2019 9:49:28 AM

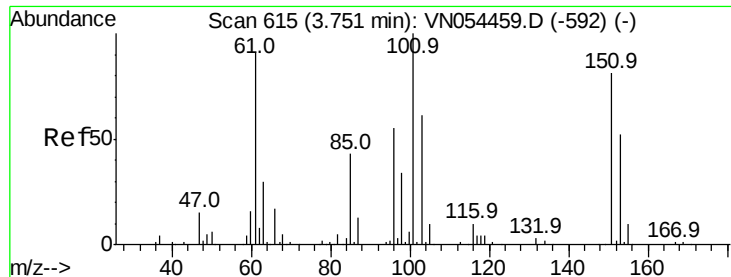


#8

Diethyl Ether  
Concen: 16.251 ug/l  
RT: 3.41 min Scan# 510  
Delta R.T. 0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Tgt Ion: 74 Resp: 44618  
Ion Ratio Lower Upper  
74 100  
45 117.3 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.652 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

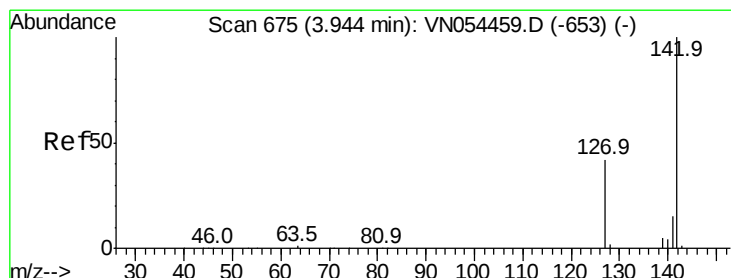
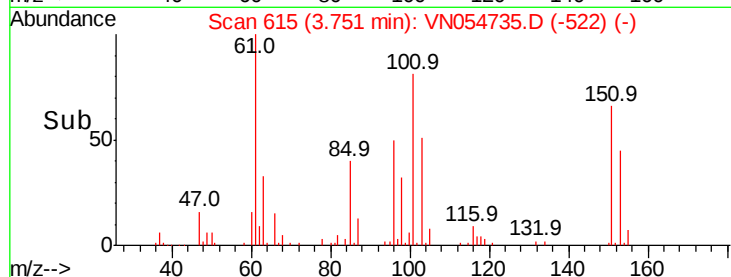
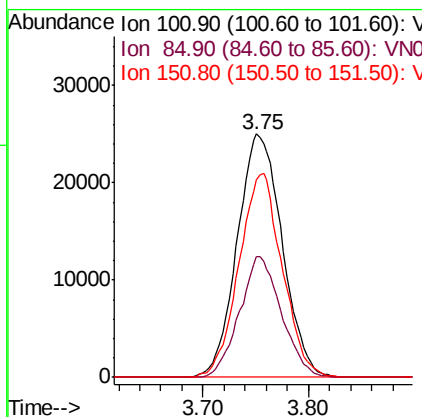
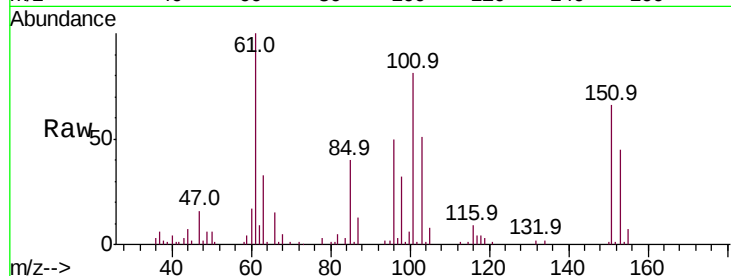
ClientSampleId :

VN0328WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 74057 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 46.2  | 32.4  | 48.6  |
| 151       | 80.7  | 68.2  | 102.2 |

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#10

Methyl Iodide

Concen: 16.269 ug/l

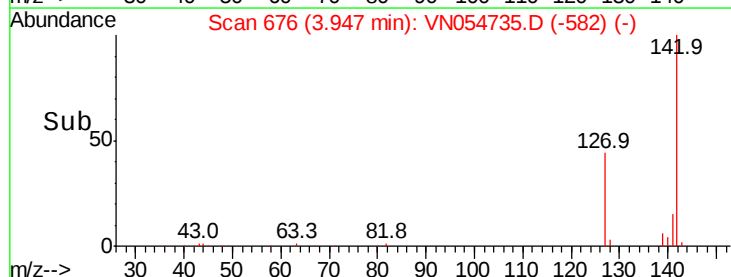
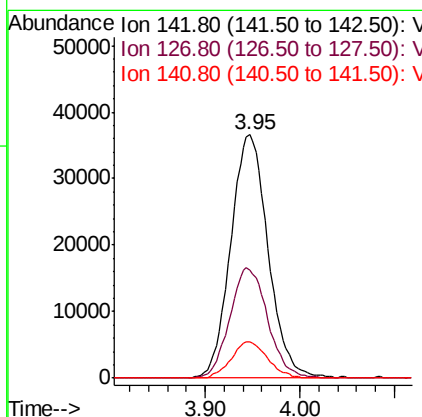
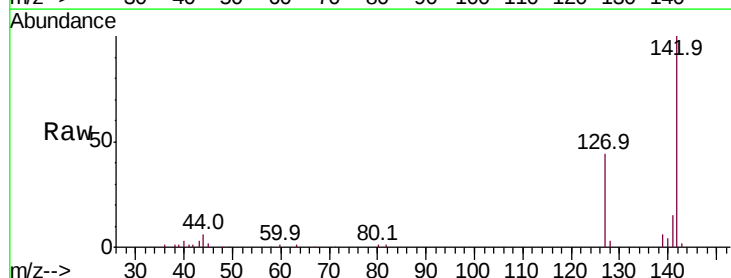
RT: 3.95 min Scan# 676

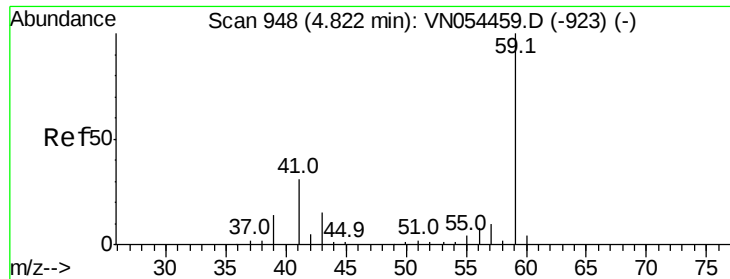
Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 100405 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 45.9  | 30.3  | 45.5#  |
| 141       | 14.3  | 11.2  | 16.8   |





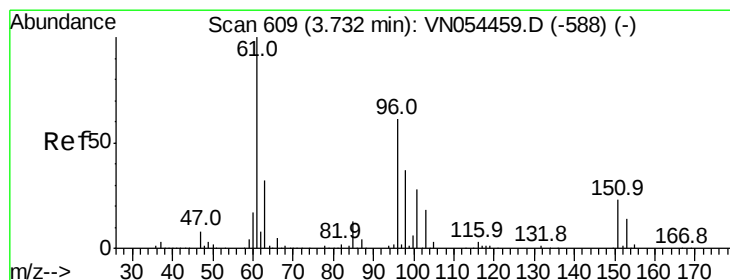
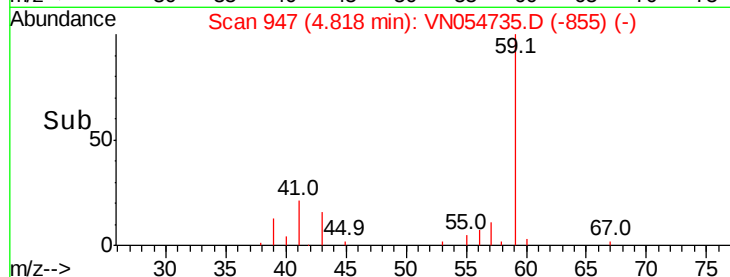
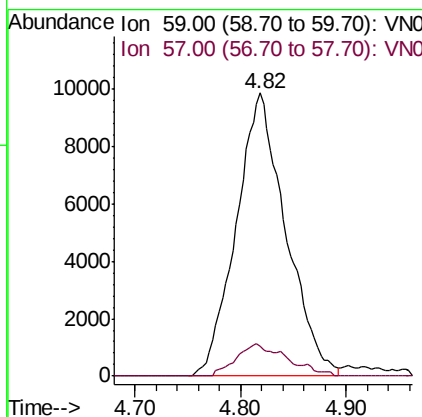
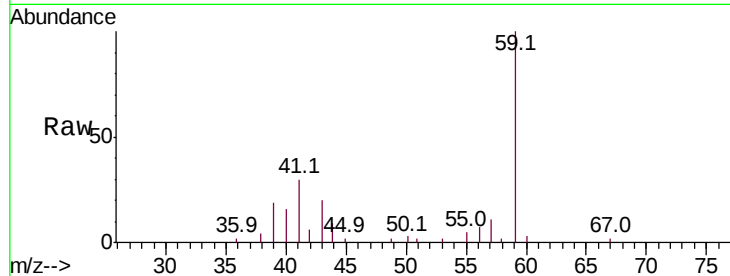
#11  
Tert butyl alcohol  
Concen: 95.043 ug/l  
RT: 4.82 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

Tot Ion: 59 Resp: 32217  
Ion Ratio Lower Upper  
59 100  
57 10.5 9.0 13.6

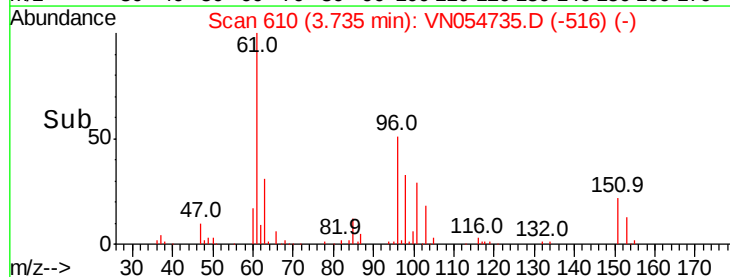
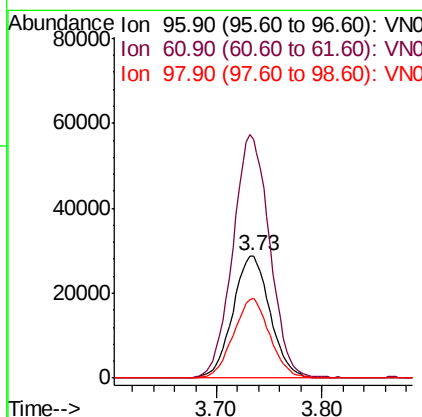
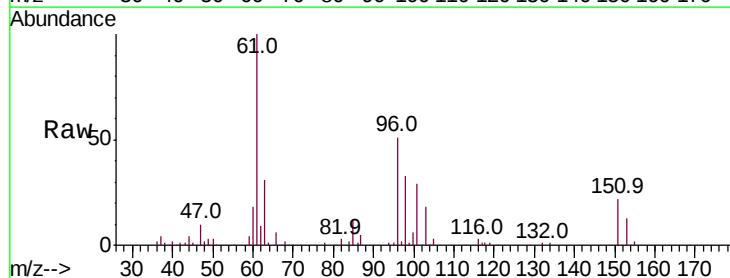
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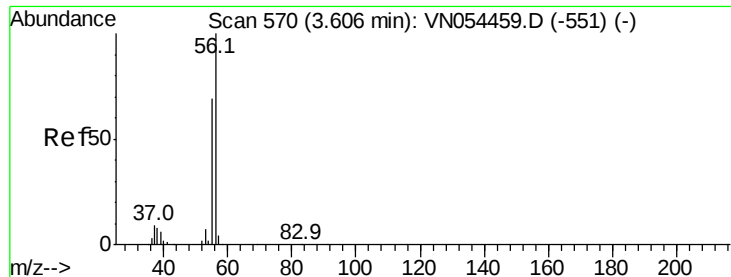
MMDadoda  
3/29/2019 9:49:28 AM



#12  
1,1-Dichloroethene  
Concen: 16.227 ug/l  
RT: 3.73 min Scan# 610  
Delta R.T. 0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Tgt Ion: 96 Resp: 70453  
Ion Ratio Lower Upper  
96 100  
61 194.9 116.5 174.7#  
98 65.1 51.0 76.4





#13

Acrolein

Concen: 60.042 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion: 56 Resp: 28087

Ion Ratio Lower Upper

56 100

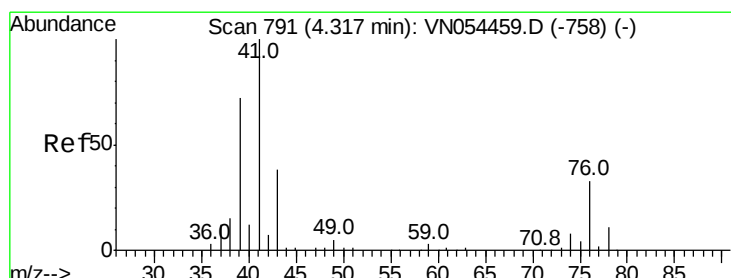
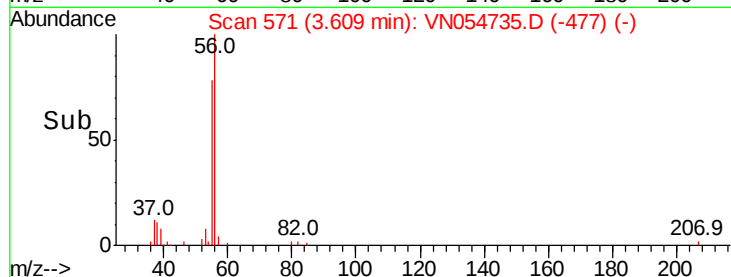
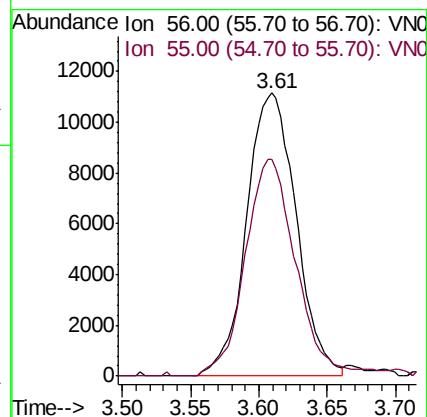
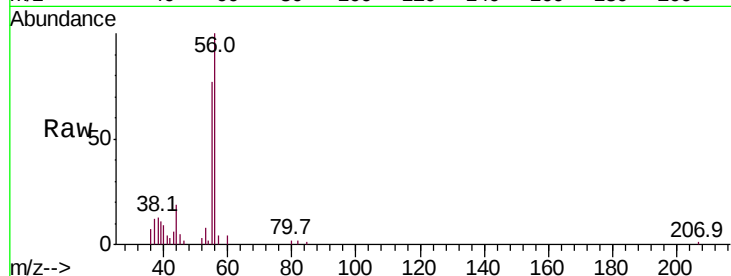
55 77.7 56.7 85.1

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#14

Allyl chloride

Concen: 20.715 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

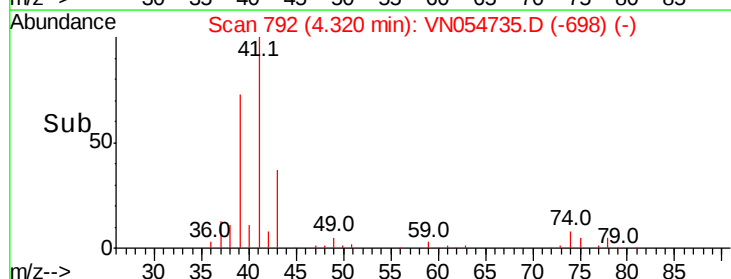
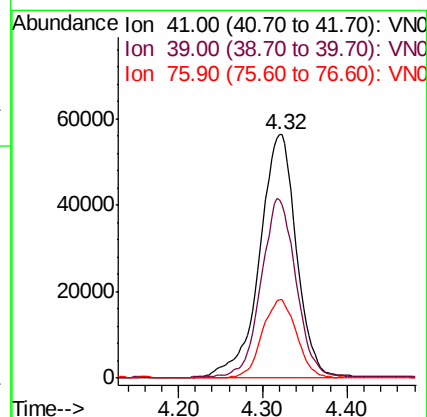
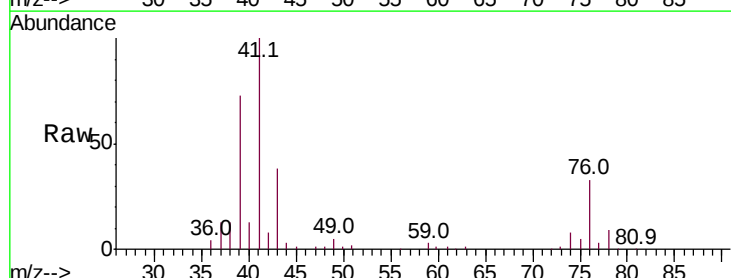
Tgt Ion: 41 Resp: 169357

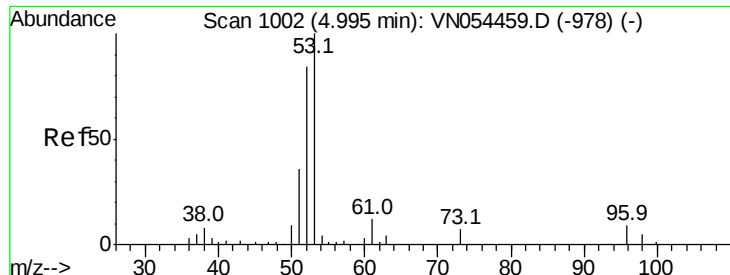
Ion Ratio Lower Upper

41 100

39 69.5 58.2 87.4

76 30.4 31.7 47.5#





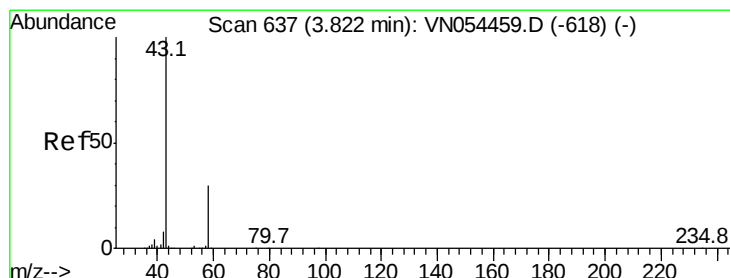
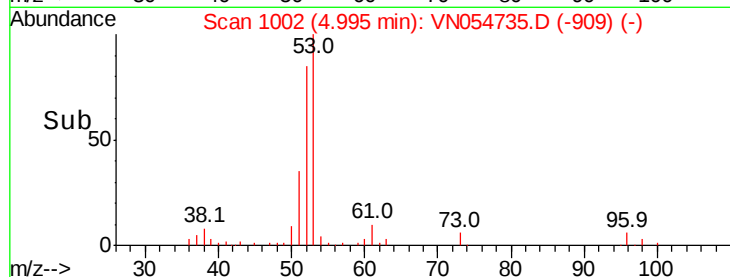
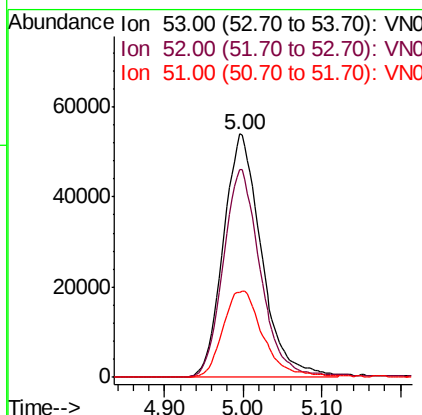
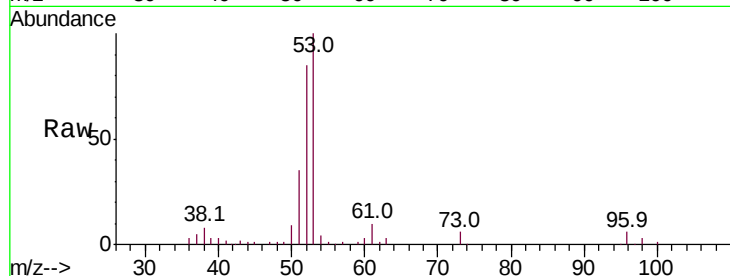
#15  
 Acrylonitrile  
 Concen: 107.256 ug/l  
 RT: 5.00 min Scan# 1002  
 Delta R.T. -0.00 min  
 Lab File: VN054735.D  
 Acq: 28 Mar 2019 11:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 83.3  | 66.4  | 99.6  |
| 51      | 37.1  | 29.6  | 44.4  |

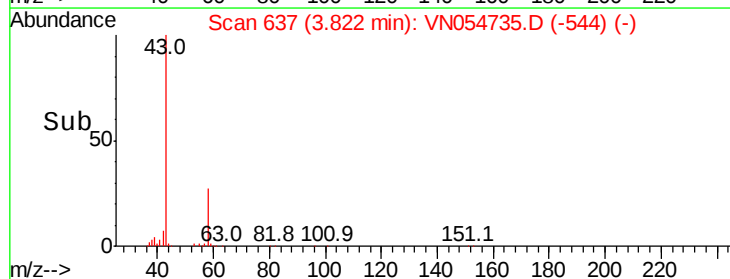
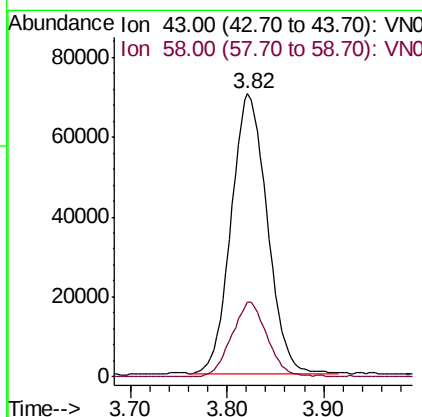
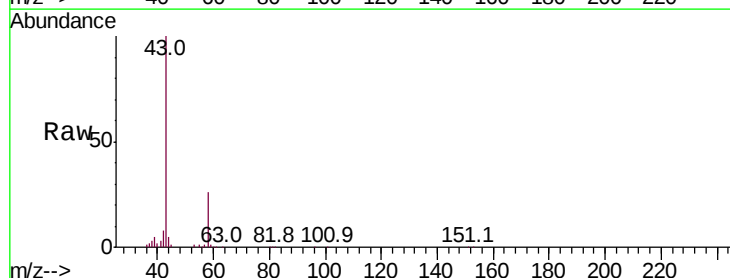
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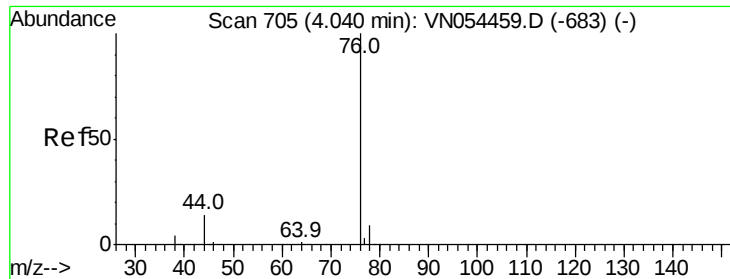
MMDadoda  
 3/29/2019 9:49:28 AM



#16  
 Acetone  
 Concen: 107.420 ug/l  
 RT: 3.82 min Scan# 637  
 Delta R.T. -0.00 min  
 Lab File: VN054735.D  
 Acq: 28 Mar 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 26.5  | 29.9  | 44.9# |





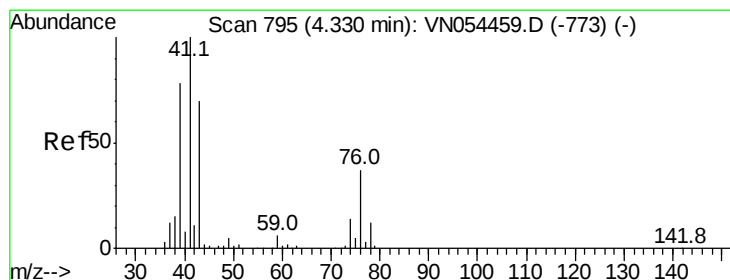
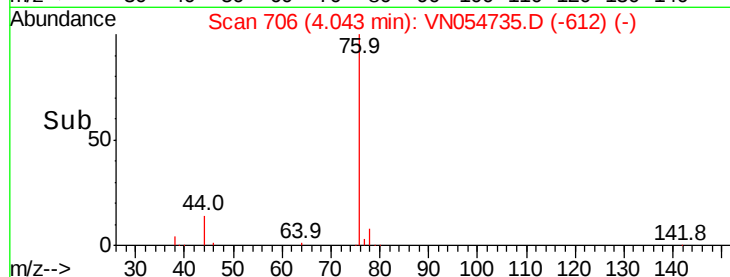
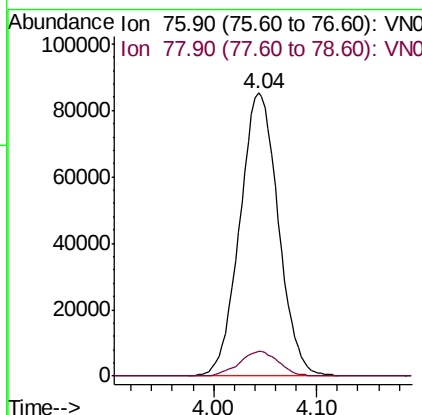
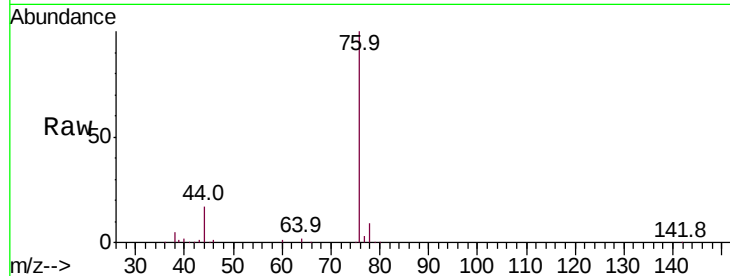
#17  
Carbon Disulfide  
Concen: 19.021 ug/l  
RT: 4.04 min Scan# 706  
Delta R.T. 0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.9   | 7.5   | 11.3  |

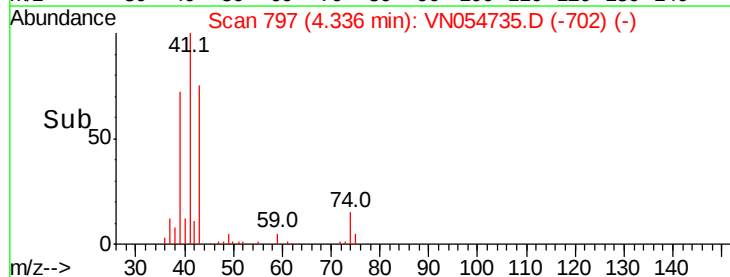
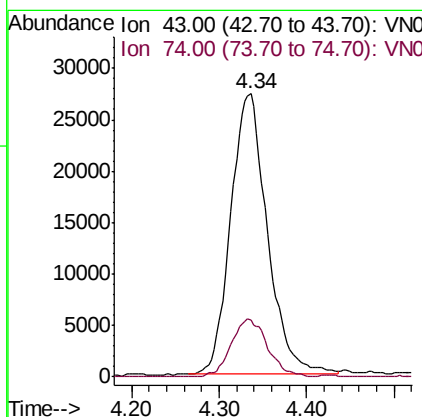
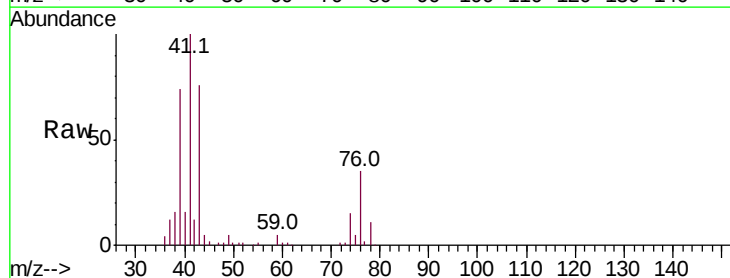
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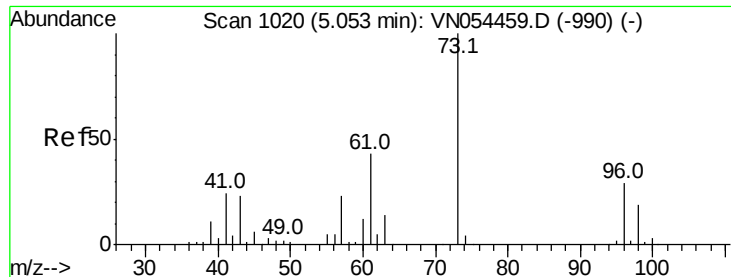
MMDadoda  
3/29/2019 9:49:28 AM



#18  
Methyl Acetate  
Concen: 21.191 ug/l  
RT: 4.34 min Scan# 797  
Delta R.T. 0.01 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 20.4  | 20.8  | 31.2# |





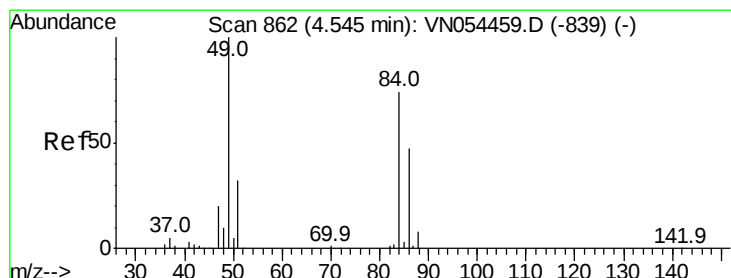
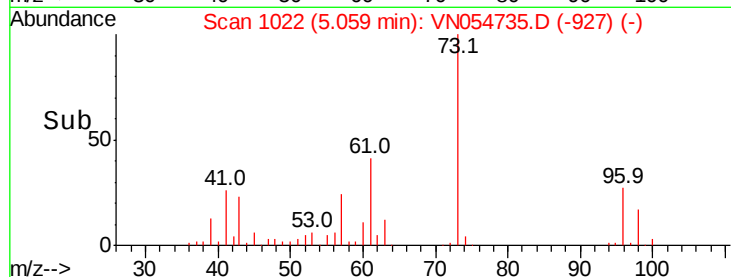
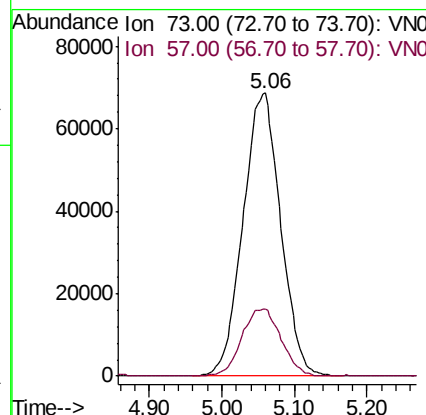
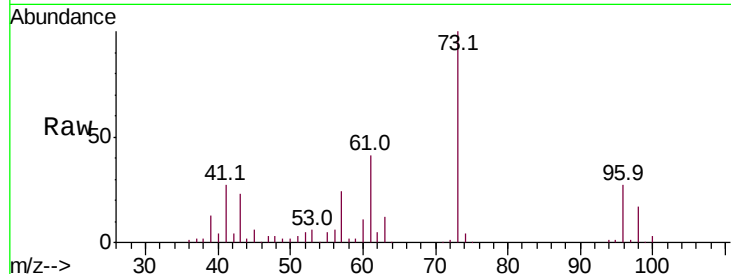
#19  
Methvl tert-butvl Ether  
Concen: 19.579 ug/l  
RT: 5.06 min Scan# 1022  
Delta R.T. 0.01 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

Tot Ion: 73 Resp: 248086  
Ion Ratio Lower Upper  
73 100  
57 23.8 16.8 25.2

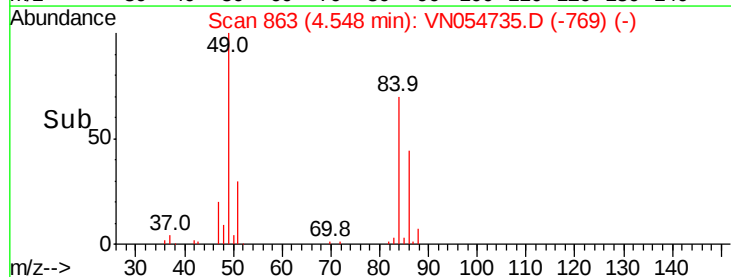
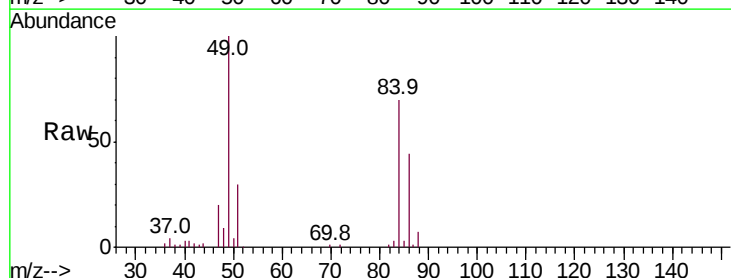
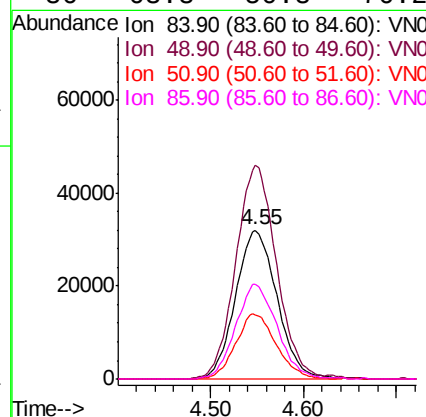
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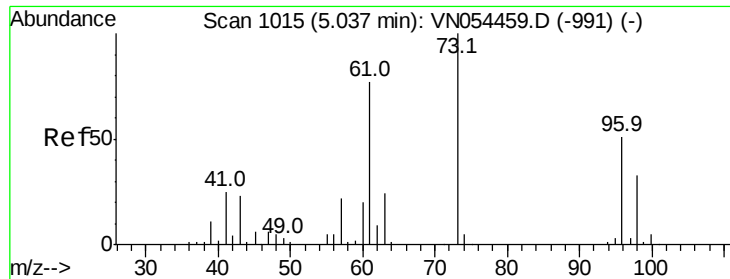
MMDadoda  
3/29/2019 9:49:28 AM



#20  
Methylene Chloride  
Concen: 20.001 ug/l  
RT: 4.55 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Tgt Ion: 84 Resp: 99248  
Ion Ratio Lower Upper  
84 100  
49 143.1 89.7 134.5#  
51 43.2 28.2 42.4#  
86 63.8 50.8 76.2





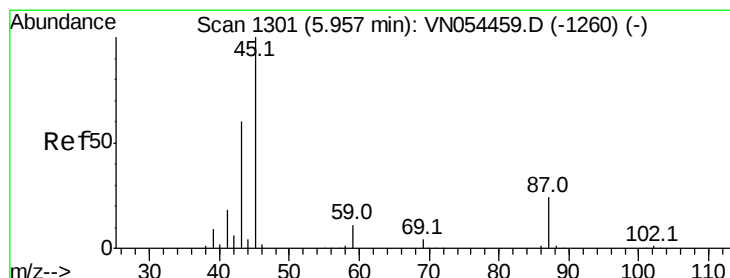
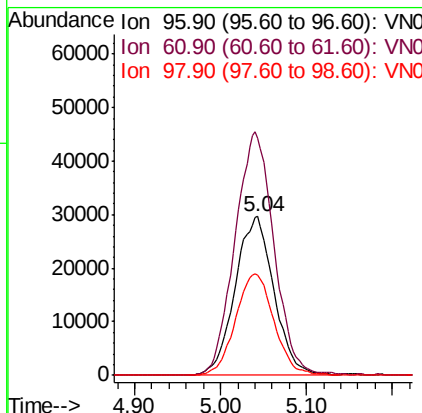
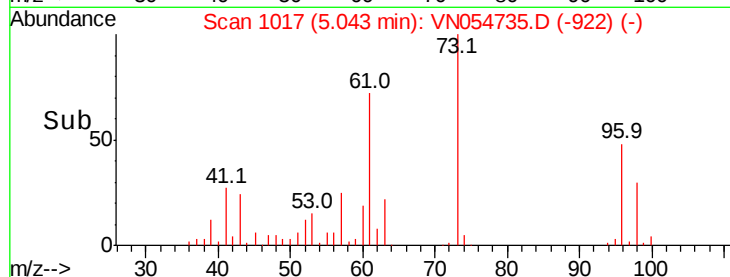
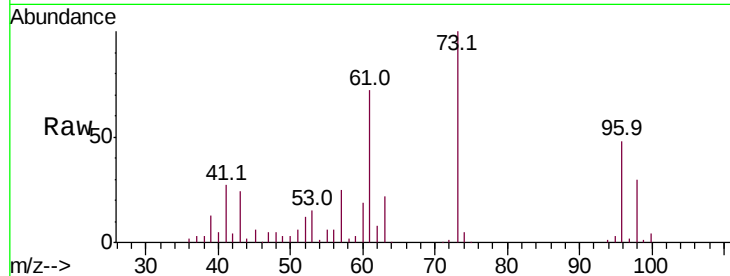
#21  
trans-1,2-Dichloroethene  
Concen: 20.988 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. 0.01 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 149.9 | 102.8 | 154.2 |
| 98      | 63.2  | 50.0  | 75.0  |

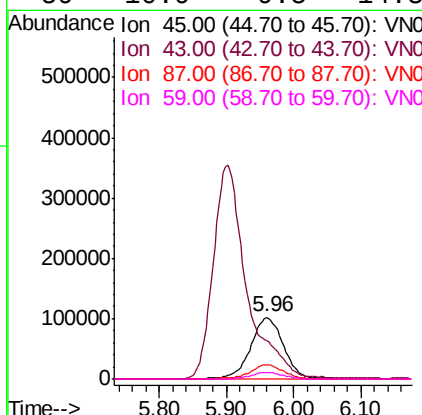
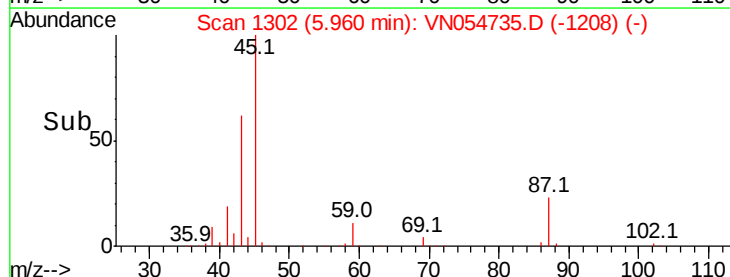
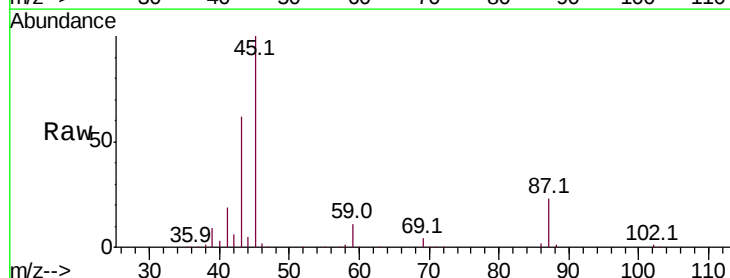
Manual Integrations  
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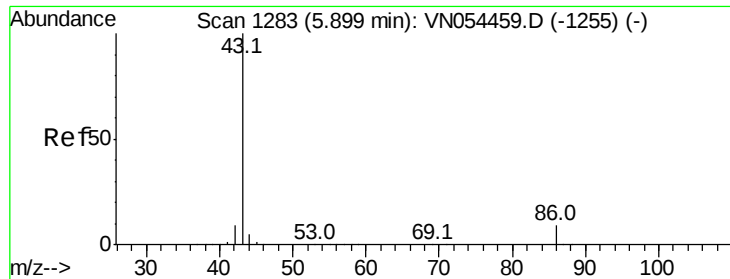
MMDadoda  
3/29/2019 9:49:28 AM



#22  
Diisopropyl ether  
Concen: 21.453 ug/l  
RT: 5.96 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 60.2  | 48.2  | 72.2  |
| 87      | 22.9  | 24.9  | 37.3# |
| 59      | 10.9  | 9.5   | 14.3  |





#23

Vinyl Acetate

Concen: 107.984 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion: 43 Resp: 1229888

Ion Ratio Lower Upper

43 100

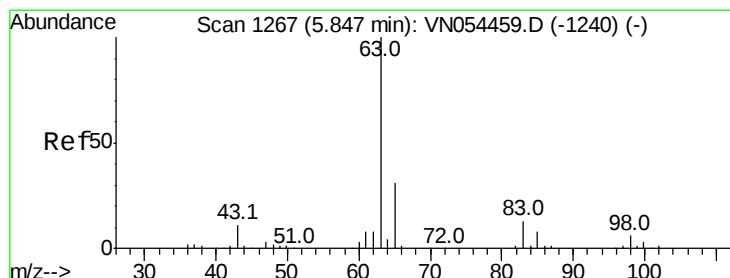
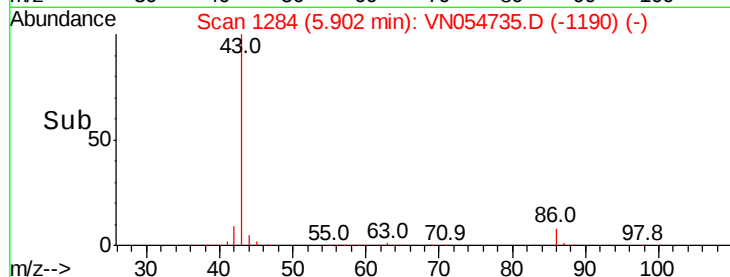
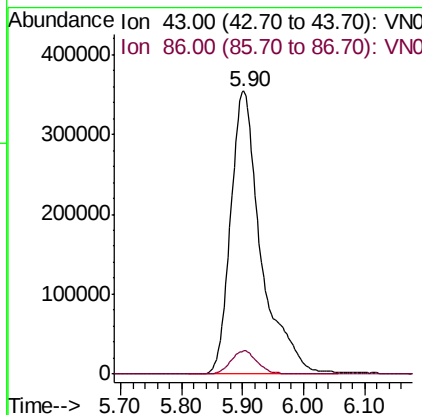
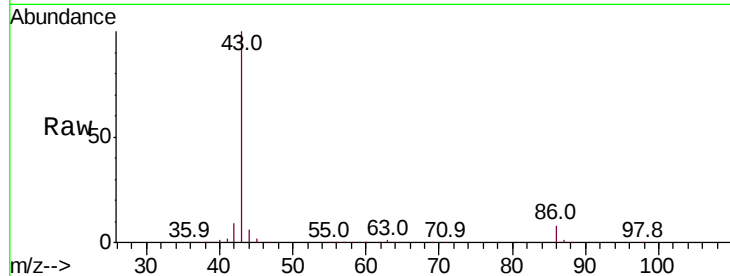
86 8.2 9.1 13.7#

Manual Integrations

APPROVED

MMDadoda

3/29/2019 9:49:28 AM



#24

1,1-Dichloroethane

Concen: 21.480 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

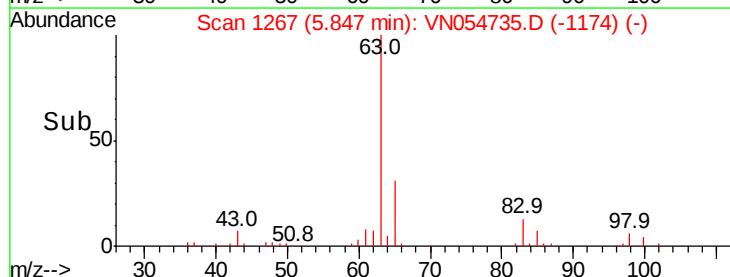
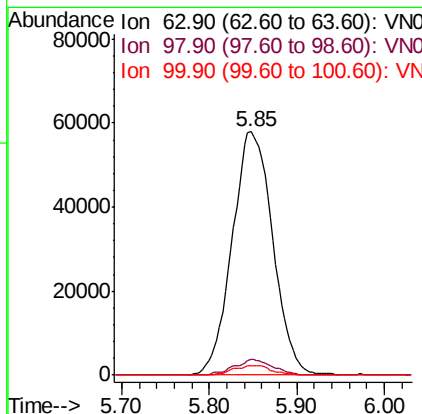
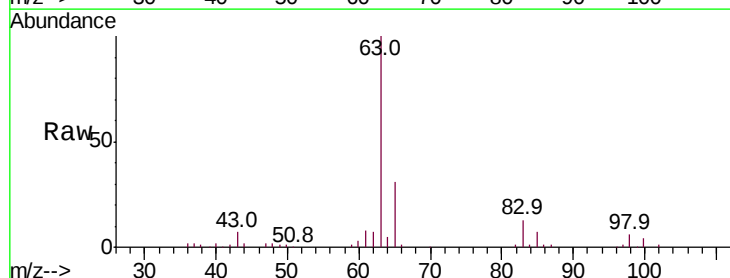
Tgt Ion: 63 Resp: 186513

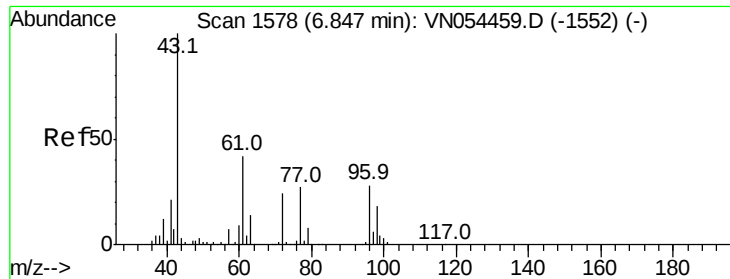
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.5

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 111.897 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion: 43 Resp: 241288

Ion Ratio Lower Upper

43 100

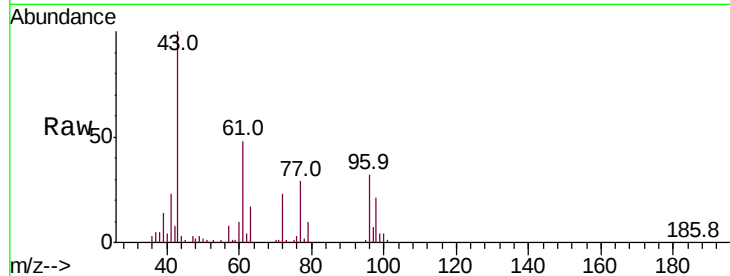
72 23.0 23.0 34.6#

Manual Integrations

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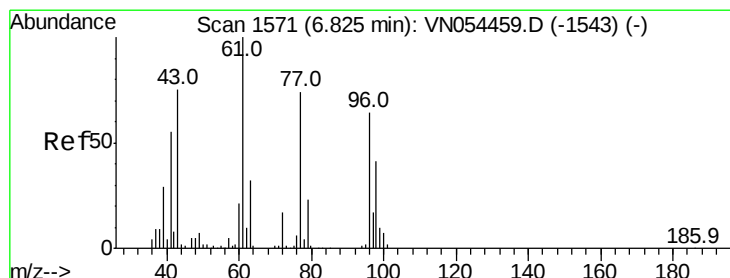
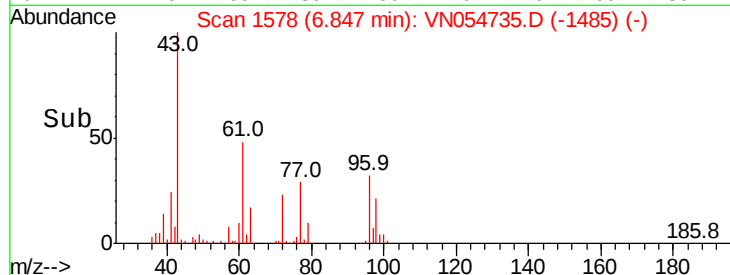
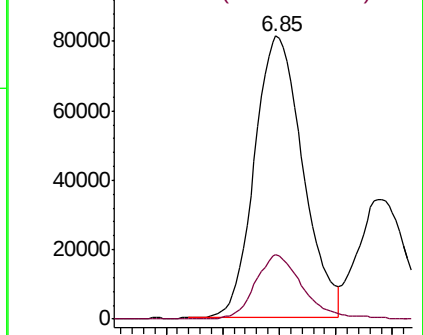
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO



#26

2,2-Dichloropropane

Concen: 20.780 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN054735.D

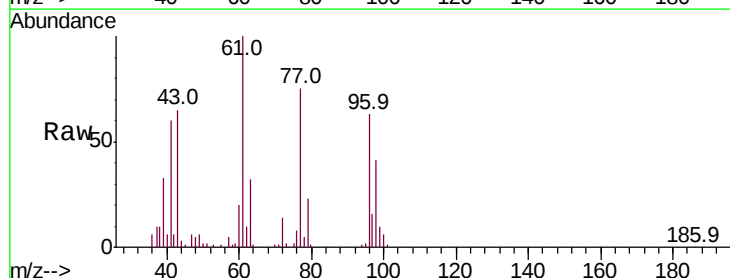
Acq: 28 Mar 2019 11:09

Tgt Ion: 77 Resp: 128621

Ion Ratio Lower Upper

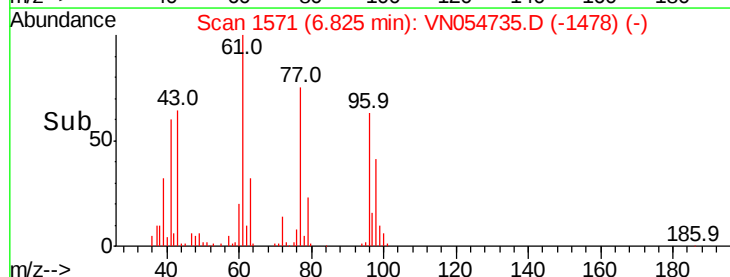
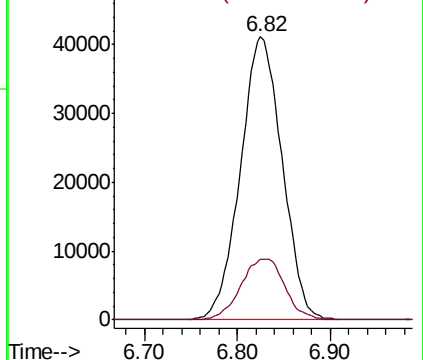
77 100

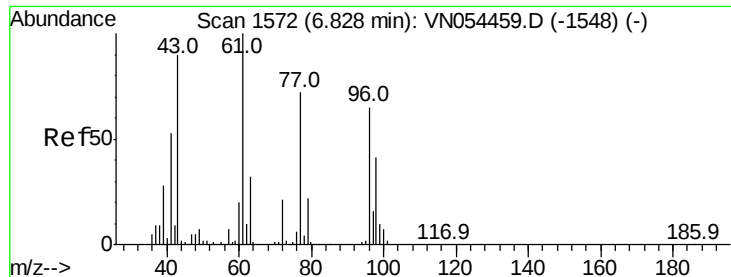
97 22.7 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VNO

Ion 96.90 (96.60 to 97.60): VNO





#27

cis-1,2-Dichloroethene

Concen: 20.048 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

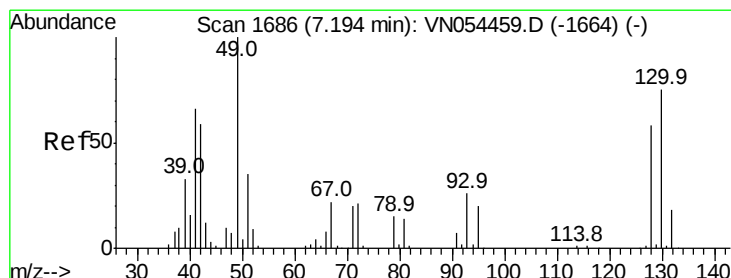
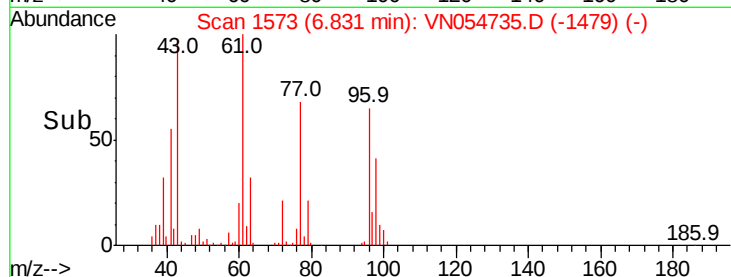
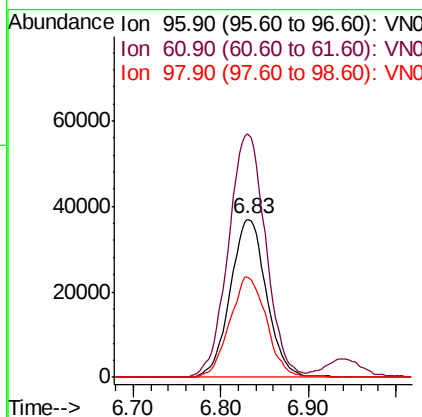
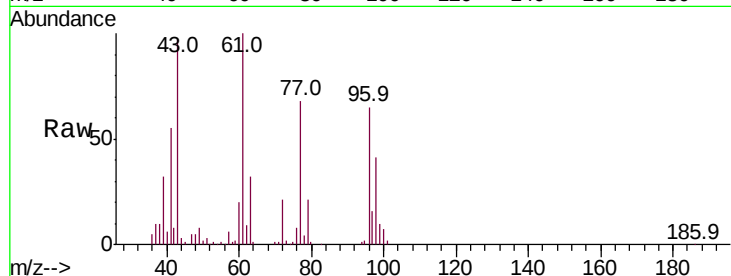
ClientSampleId :

VN0328WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 106014 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 159.3 | 0.0   | 273.0  |
| 98        | 64.4  | 0.0   | 130.6  |

Manual Integrations  
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#28

Bromochloromethane

Concen: 18.397 ug/l

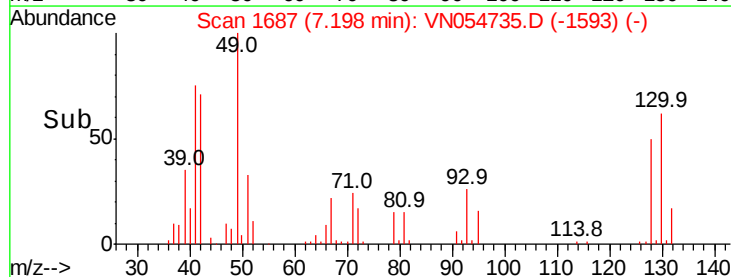
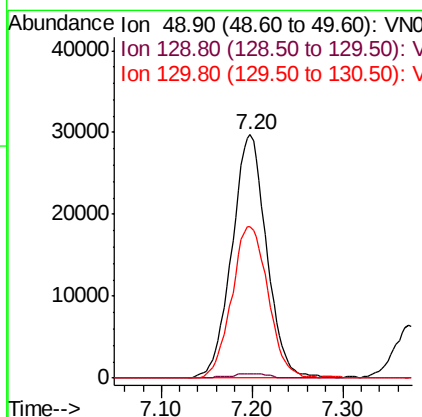
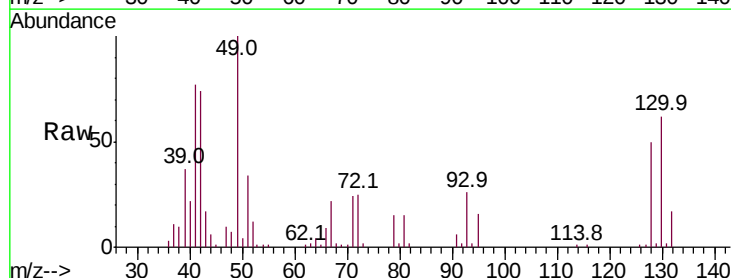
RT: 7.20 min Scan# 1687

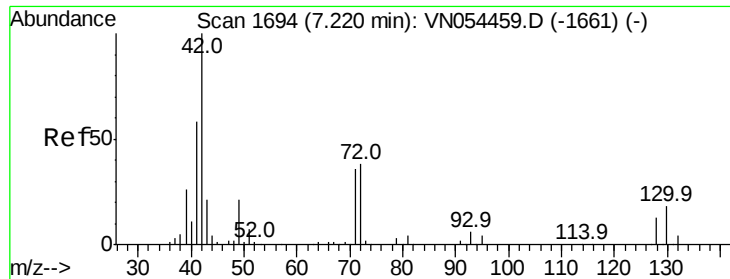
Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 49    | Resp: | 78630  |
| Ion Ratio | Lower | Upper |        |
| 49        | 100   |       |        |
| 129       | 1.1   | 0.0   | 4.6    |
| 130       | 65.0  | 76.7  | 115.1# |





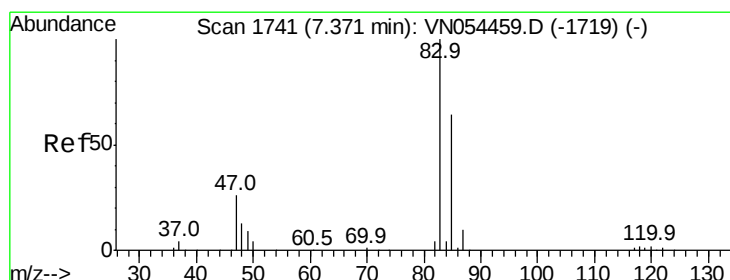
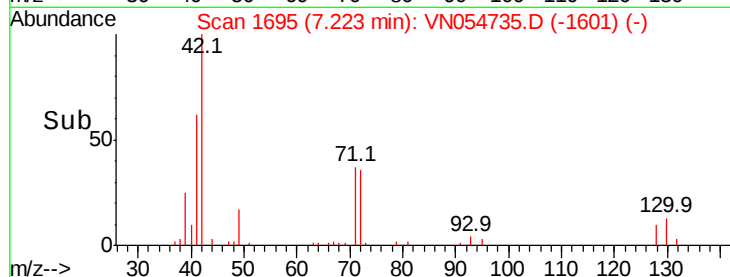
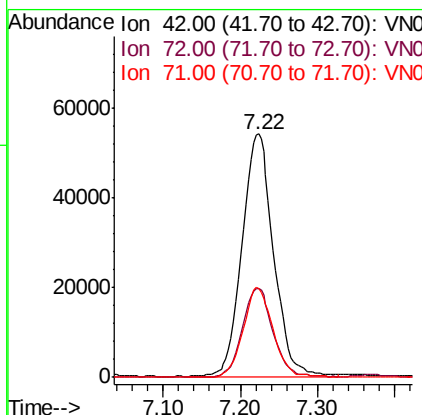
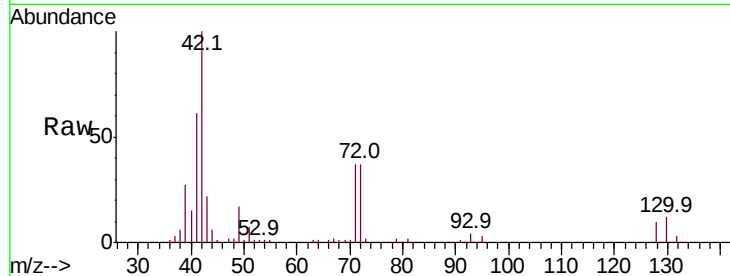
#29  
Tetrahydrofuran  
Concen: 109.262 ug/l  
RT: 7.22 min Scan# 1695  
Delta R.T. 0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 36.1  | 37.8  | 56.6# |
| 71      | 34.6  | 36.2  | 54.2# |

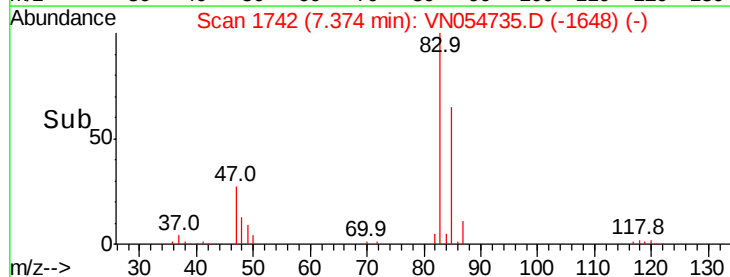
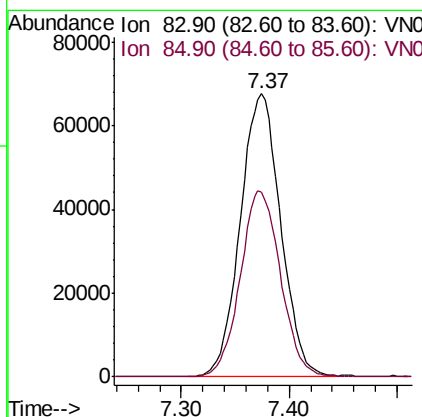
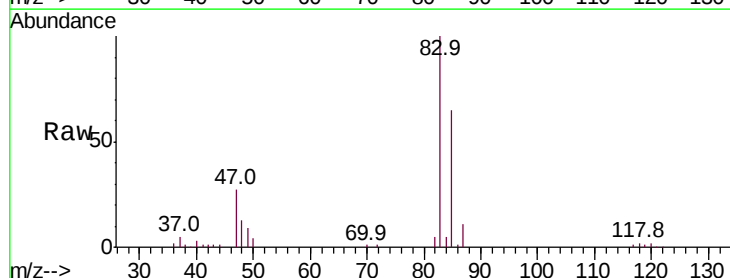
Manual Integrations  
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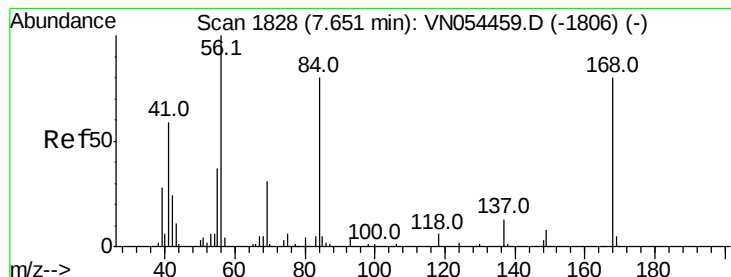
MMDadoda  
3/29/2019 9:49:28 AM



#30  
Chloroform  
Concen: 20.795 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.2  | 52.2  | 78.4  |





#31

Cyclohexane

Concen: 20.665 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampled :

VN0328WBS01

Tot Ion: 56 Resp: 180999

Ion Ratio Lower Upper

56 100

69 35.3 27.8 41.6

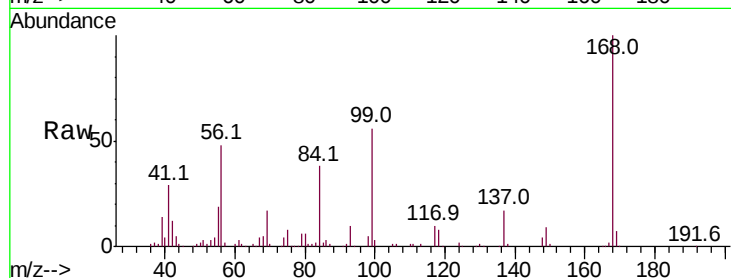
84 77.3 74.6 111.8

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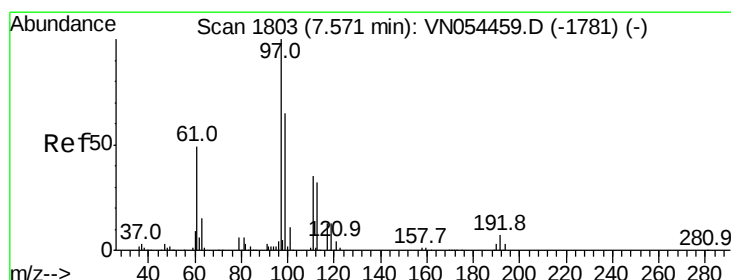
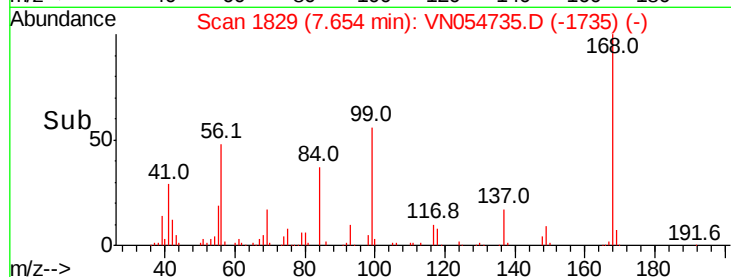
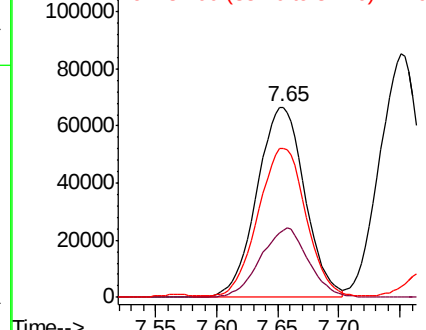
3/29/2019 9:49:28 AM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.748 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

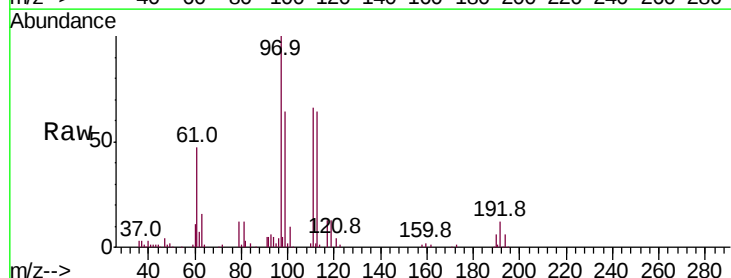
Tgt Ion: 97 Resp: 145045

Ion Ratio Lower Upper

97 100

99 63.1 51.5 77.3

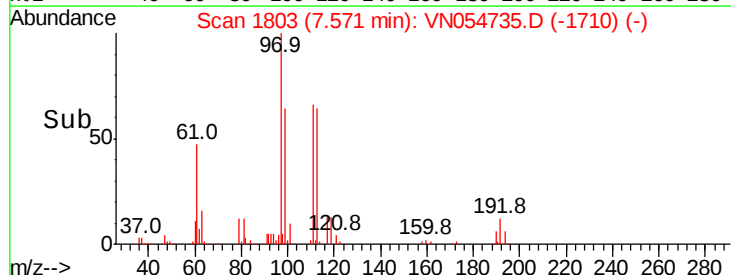
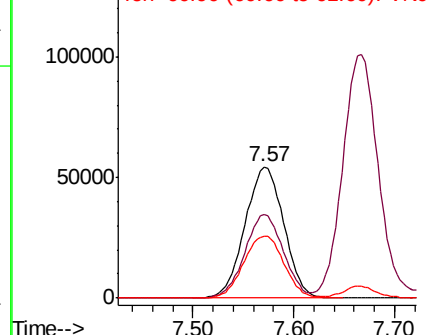
61 49.1 33.6 50.4

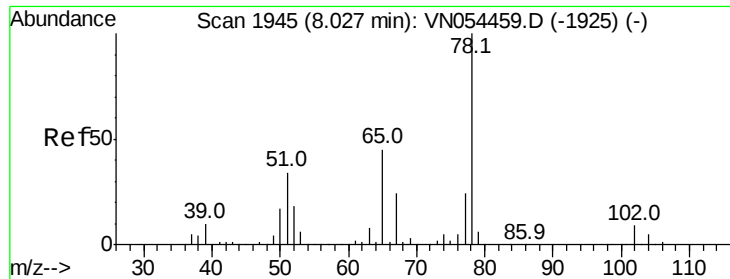


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





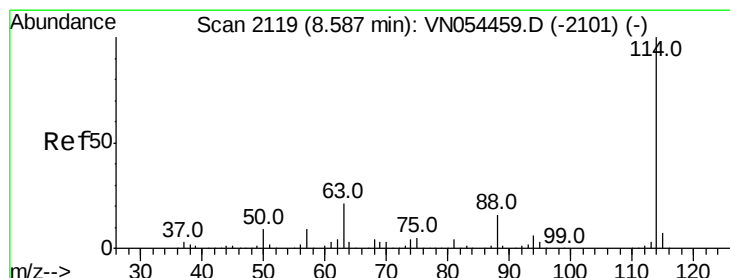
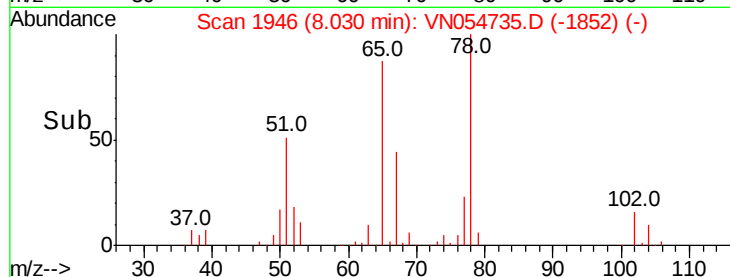
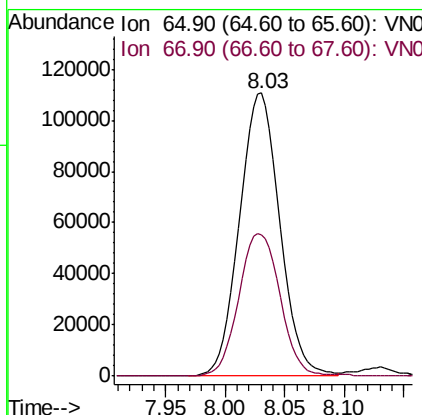
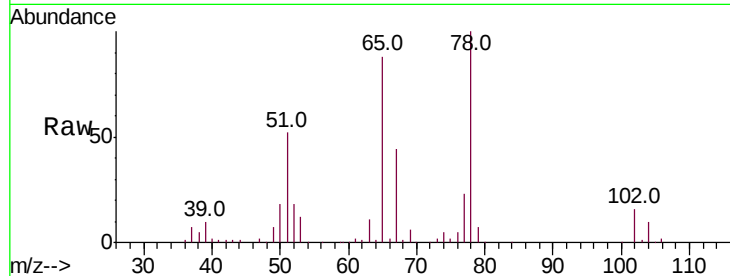
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.533 ug/l  
 RT: 8.03 min Scan# 1946  
 Delta R.T. 0.00 min  
 Lab File: VN054735.D  
 Acq: 28 Mar 2019 11:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 260534 |       |       |
| 67      | 51.9  | 0.0    | 104.6 |       |

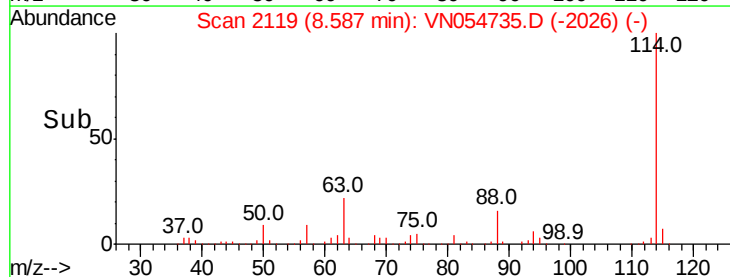
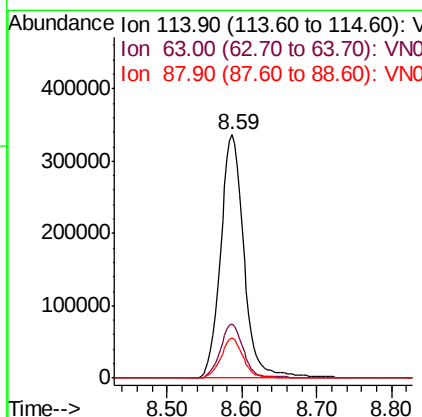
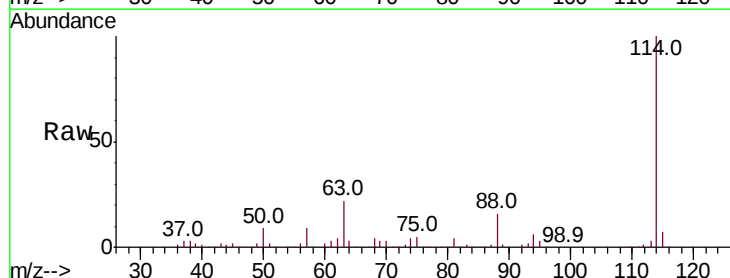
Manual Integrations  
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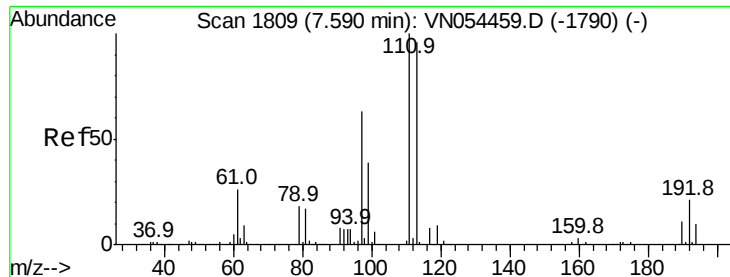
MMDadoda  
 3/29/2019 9:49:28 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN054735.D  
 Acq: 28 Mar 2019 11:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 727484 |       |       |
| 63      | 22.1  | 0.0    | 35.2  |       |
| 88      | 16.4  | 0.0    | 30.2  |       |





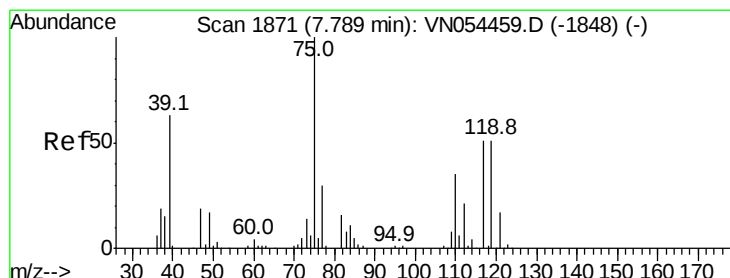
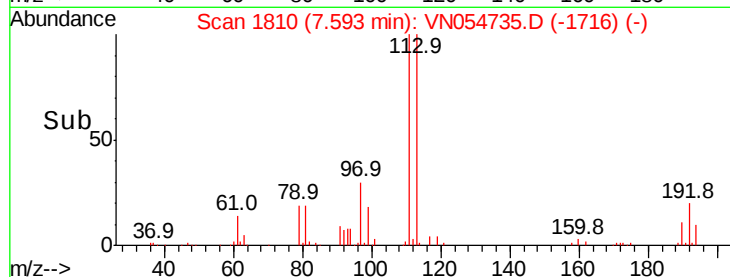
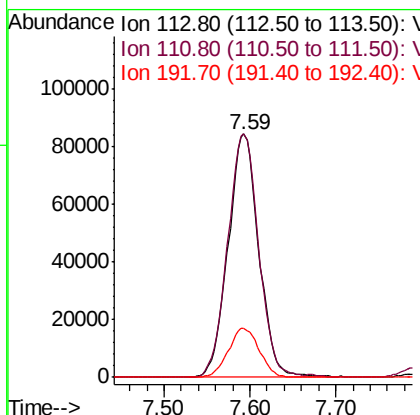
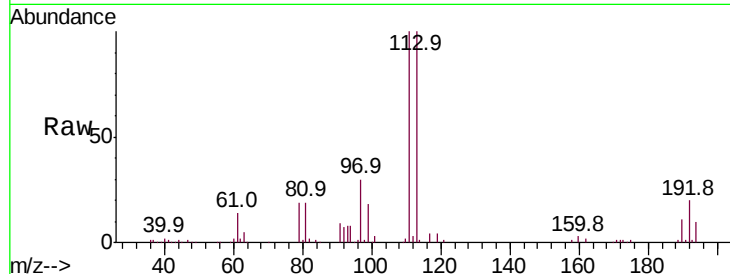
#35  
 Dibromofluoromethane  
 Concen: 44.574 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN054735.D  
 Acq: 28 Mar 2019 11:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.2 | 82.2  | 123.4 |
| 192     | 20.4  | 19.2  | 28.8  |

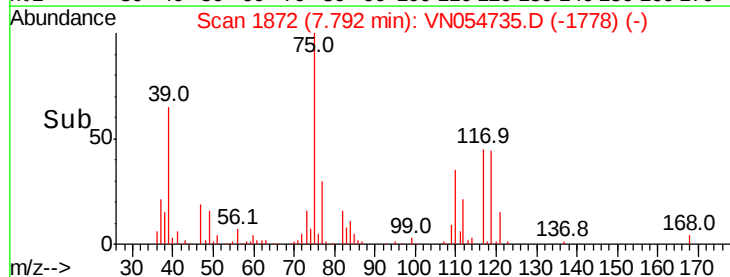
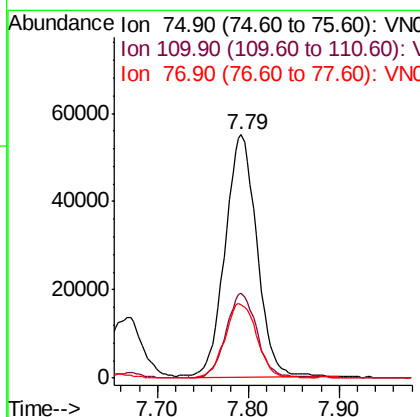
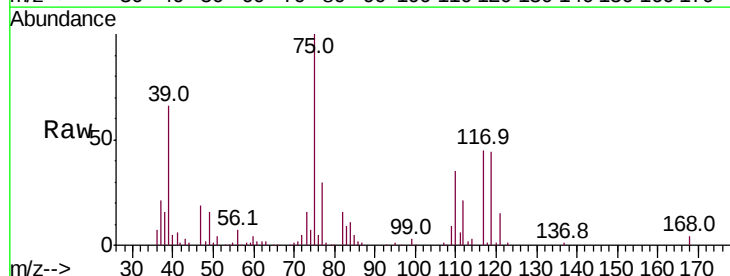
Manual Integrations  
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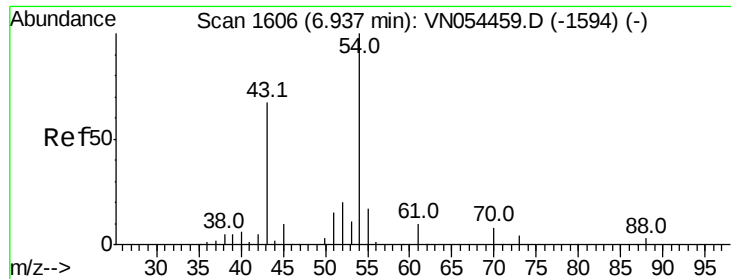
MMDadoda  
 3/29/2019 9:49:28 AM



#36  
 1,1-Dichloropropene  
 Concen: 19.719 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. 0.00 min  
 Lab File: VN054735.D  
 Acq: 28 Mar 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 33.9  | 19.1  | 57.5  |
| 77      | 31.3  | 25.0  | 37.4  |





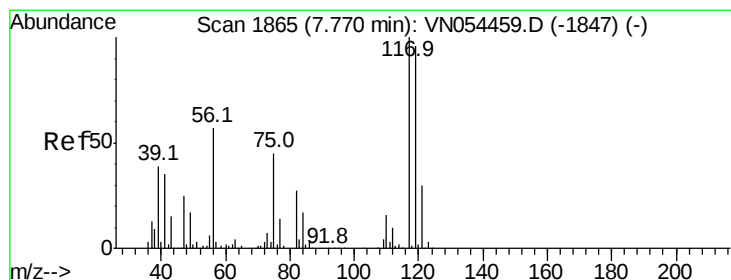
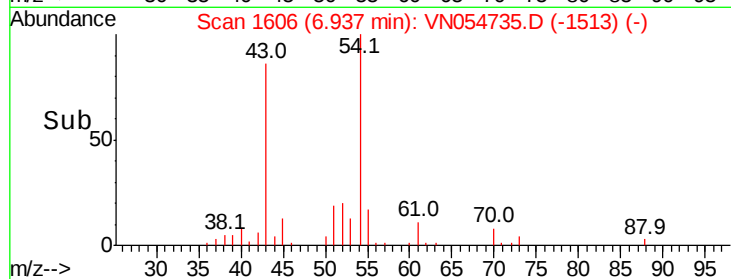
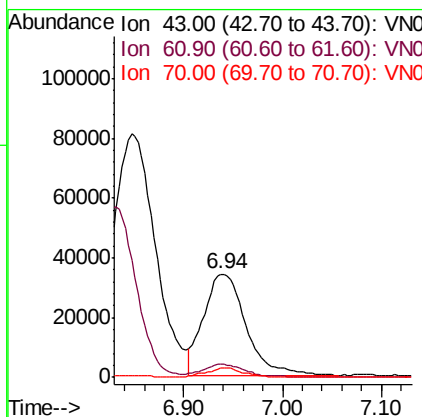
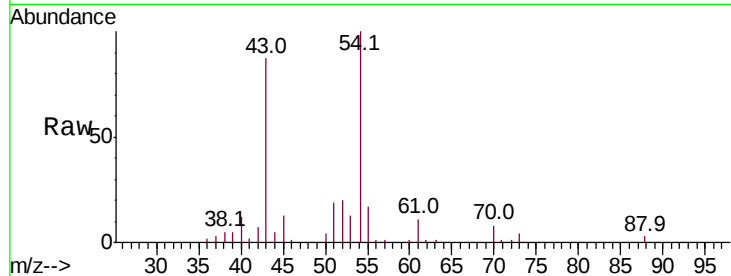
#37  
Ethyl Acetate  
Concen: 21.062 ug/l  
RT: 6.94 min Scan# 1606  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0328WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.5  | 11.8  | 17.6  |
| 70      | 8.5   | 8.4   | 12.6  |

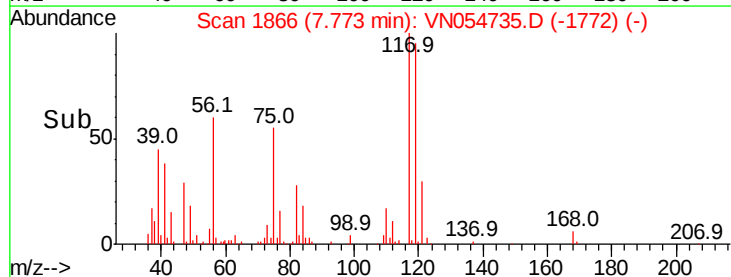
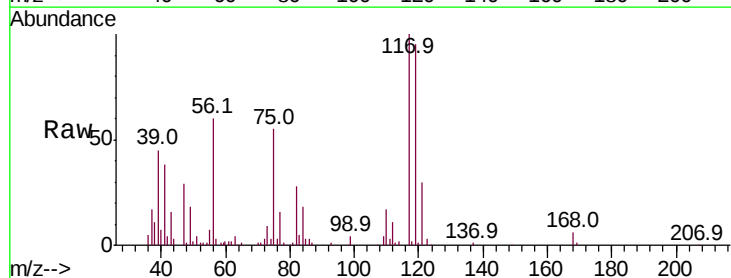
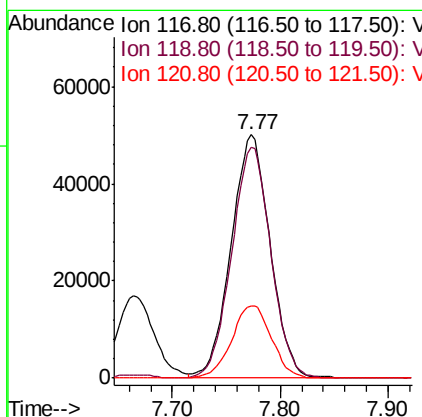
Manual Integrations  
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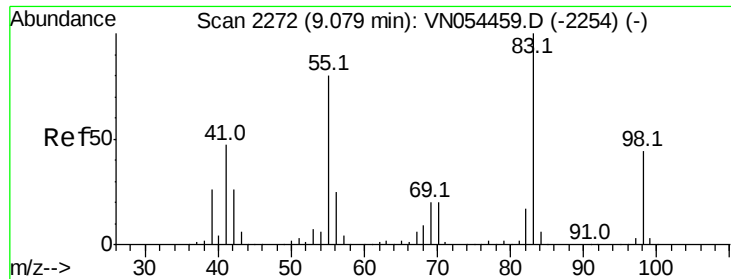
MMDadoda  
3/29/2019 9:49:28 AM



#38  
Carbon Tetrachloride  
Concen: 19.107 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.7  | 76.3  | 114.5 |
| 121     | 29.7  | 24.6  | 36.8  |





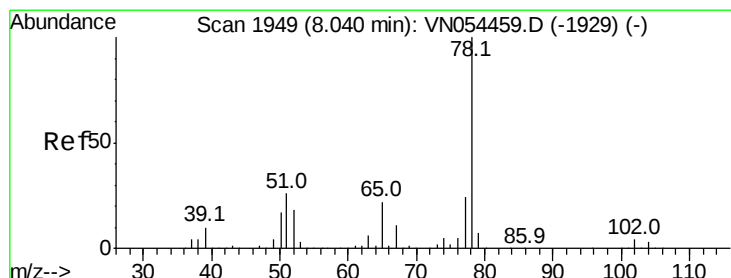
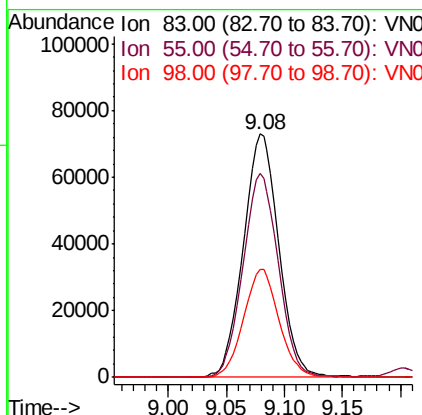
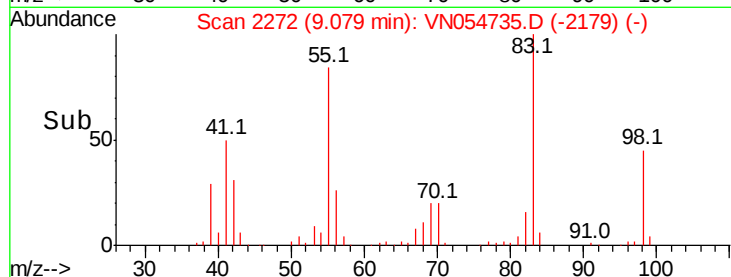
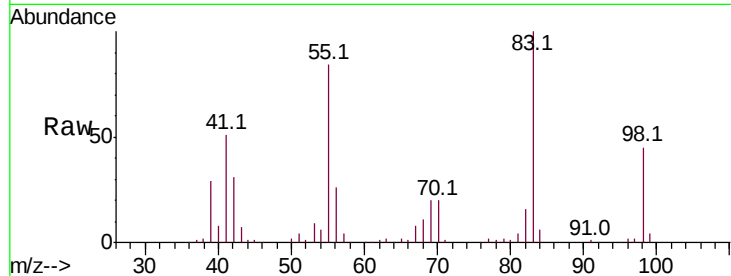
#39  
Methvlcvclohexane  
Concen: 20.034 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 83.7  | 56.6  | 84.8  |
| 98      | 44.6  | 38.4  | 57.6  |

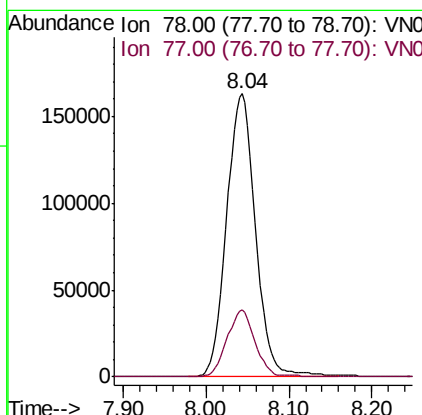
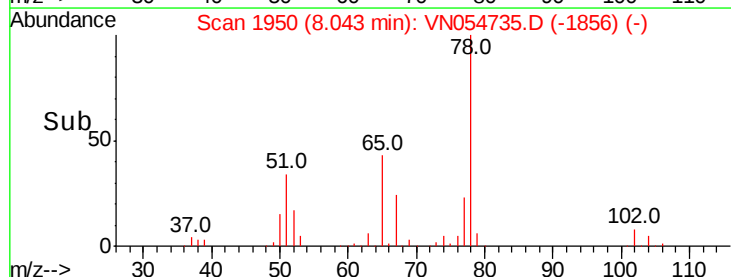
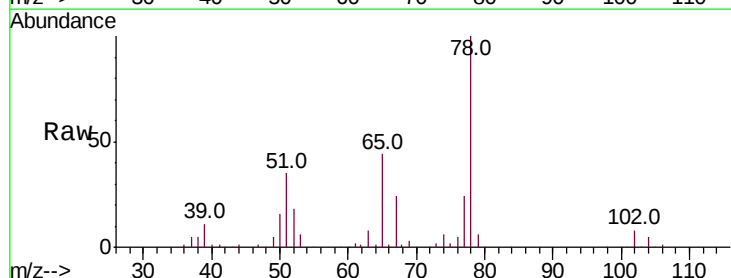
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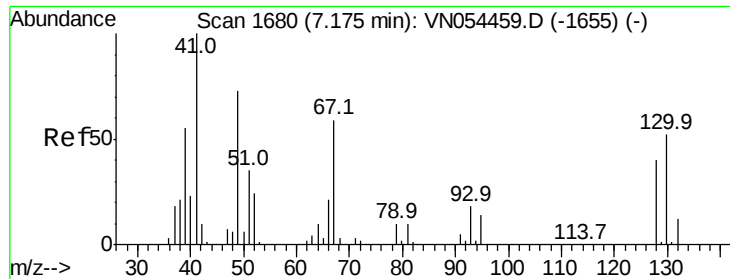
MMDadoda  
3/29/2019 9:49:28 AM



#40  
Benzene  
Concen: 20.391 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 19.1  | 28.7  |





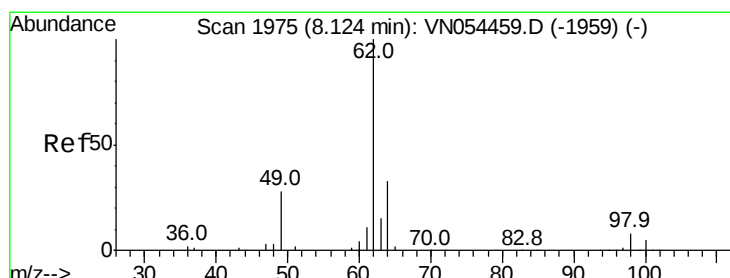
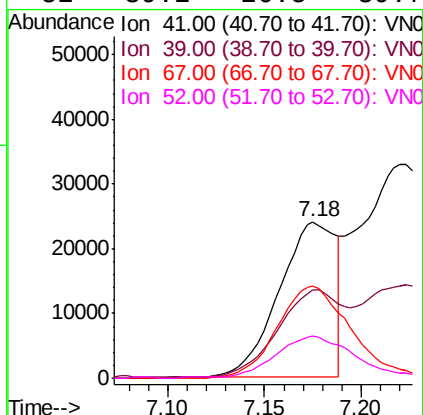
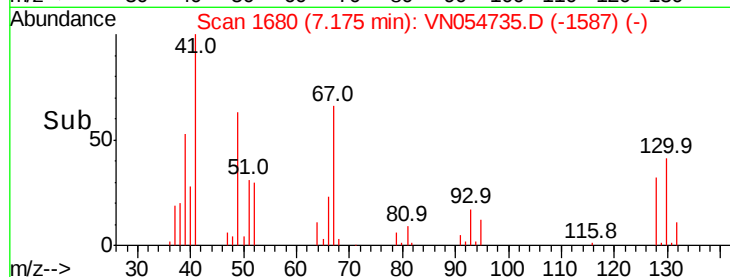
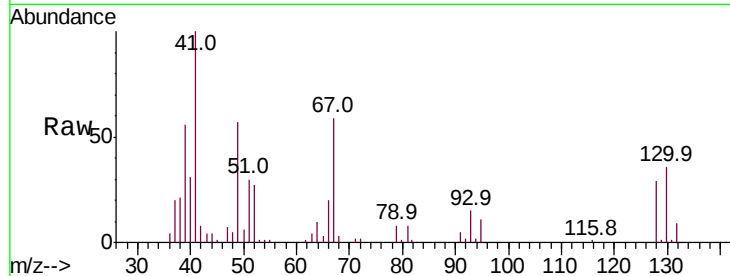
#41  
Methacrylonitrile  
Concen: 16.657 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 65.2 | 46.8  | 70.2  |       |
| 67      | 77.7 | 67.0  | 100.4 |       |
| 52      | 39.2 | 26.5  | 39.7  |       |

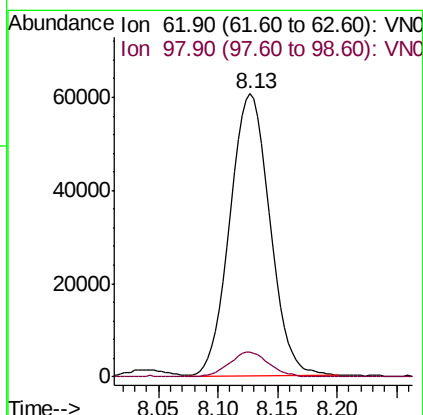
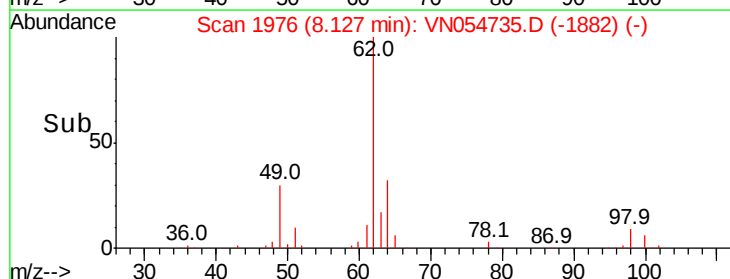
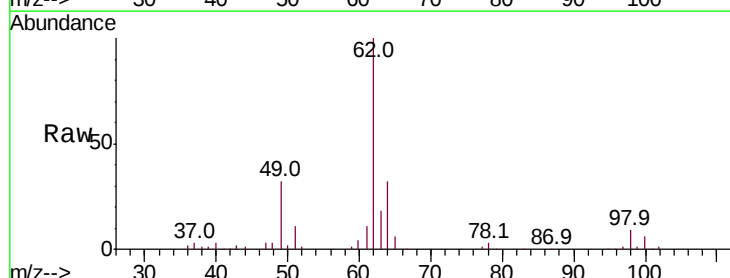
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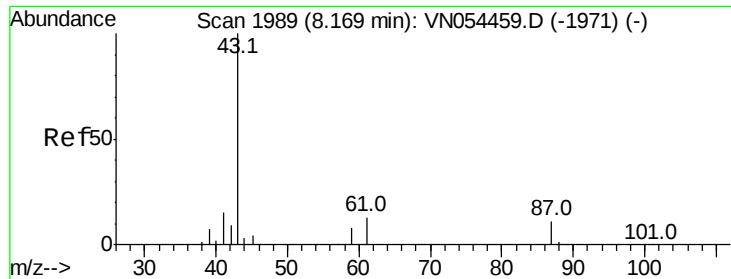
MMDadoda  
3/29/2019 9:49:28 AM



#42  
1,2-Dichloroethane  
Concen: 19.897 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.7 | 0.0   | 18.4  |       |





#43

Isopropyl Acetate

Concen: 20.527 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

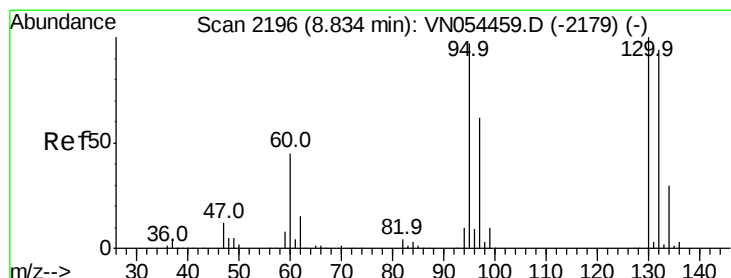
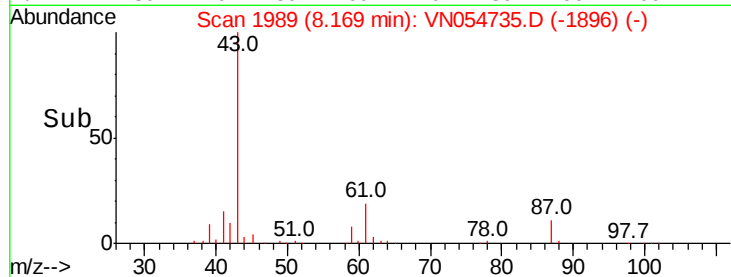
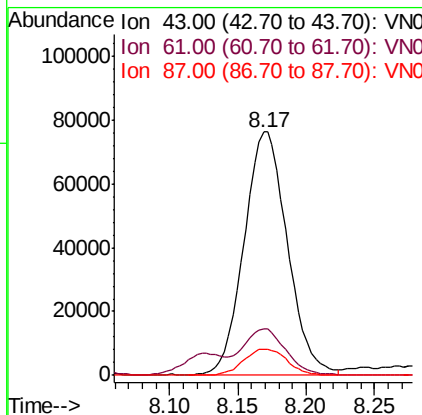
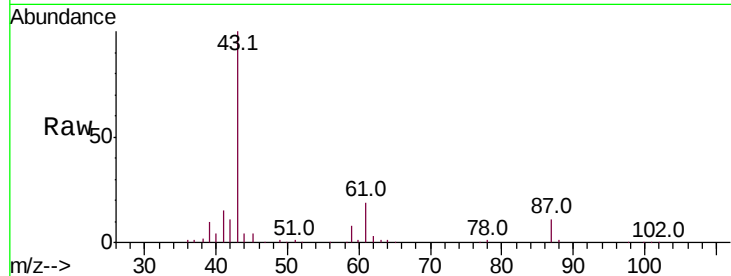
ClientSampleId :

VN0328WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 43    | Resp: | 167712 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 17.8  | 15.8  | 23.8   |
| 87        | 11.0  | 12.0  | 18.0#  |

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#44

Trichloroethene

Concen: 18.987 ug/l

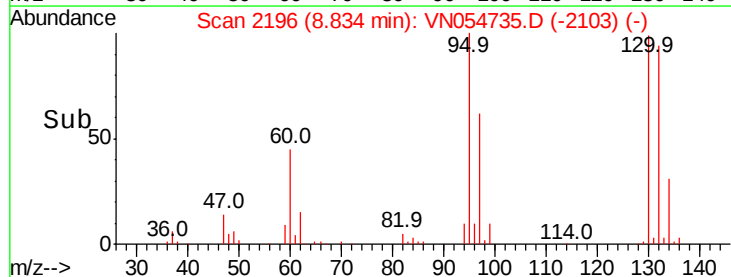
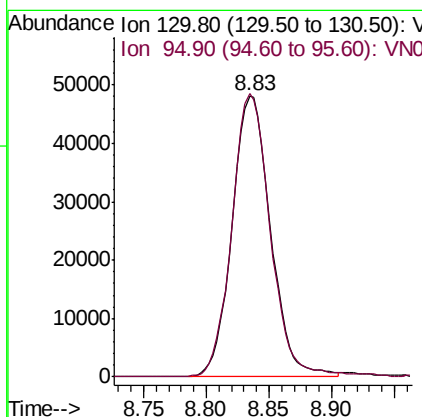
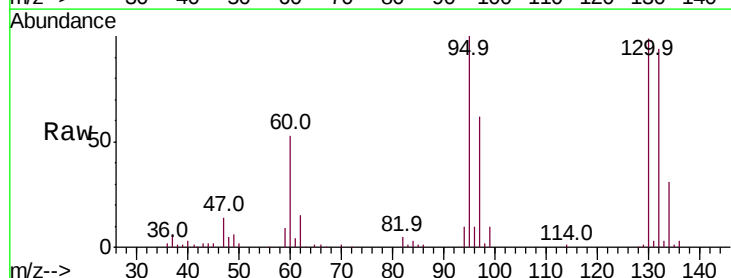
RT: 8.83 min Scan# 2196

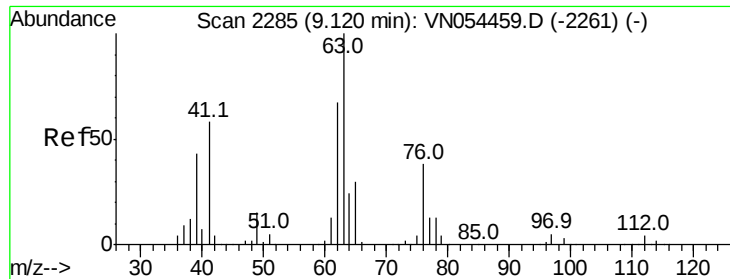
Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 130   | Resp: | 102678 |
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 100.6 | 0.0   | 185.2  |





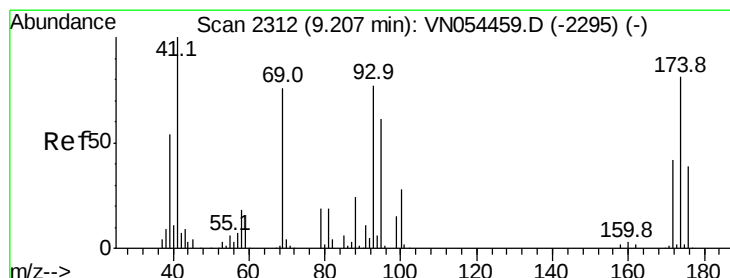
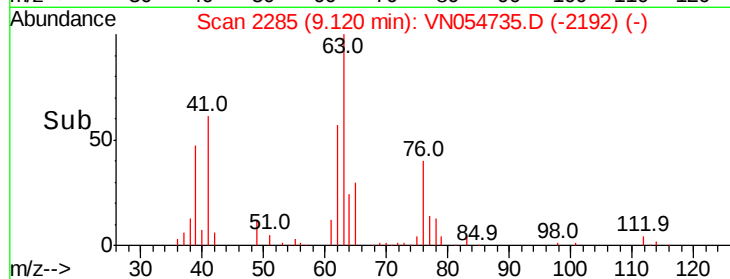
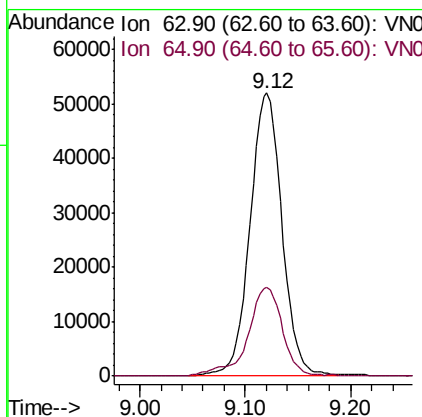
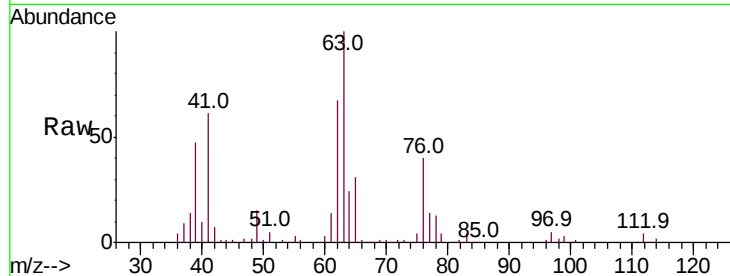
#45  
 1,2-Dichloropropane  
 Concen: 21.093 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. -0.00 min  
 Lab File: VN054735.D  
 Acq: 28 Mar 2019 11:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328WBS01

Tot Ion: 63 Resp: 110167  
 Ion Ratio Lower Upper  
 63 100  
 65 31.1 25.0 37.6

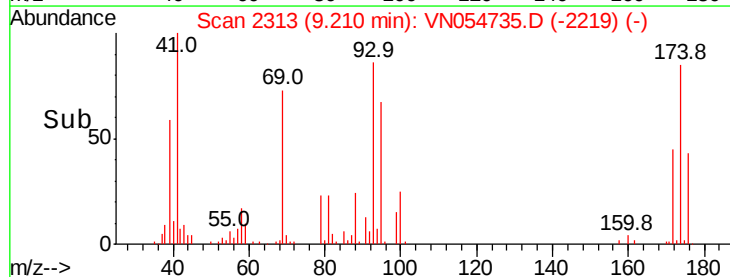
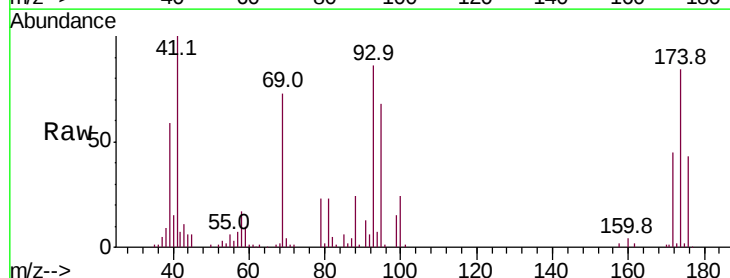
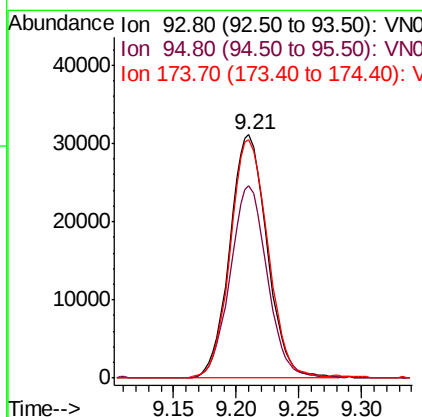
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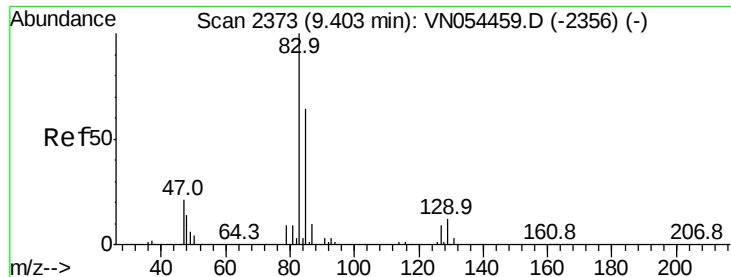
MMDadoda  
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#46  
 Dibromomethane  
 Concen: 20.652 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN054735.D  
 Acq: 28 Mar 2019 11:09

Tgt Ion: 93 Resp: 64348  
 Ion Ratio Lower Upper  
 93 100  
 95 78.7 66.7 100.1  
 174 99.0 98.5 147.7





#47

Bromodichloromethane

Concen: 20.262 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

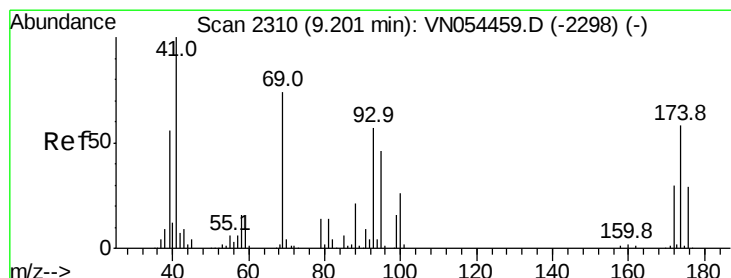
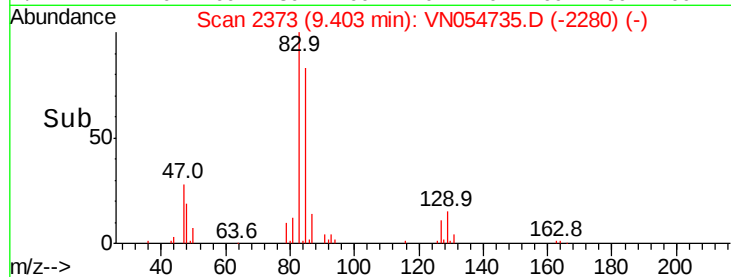
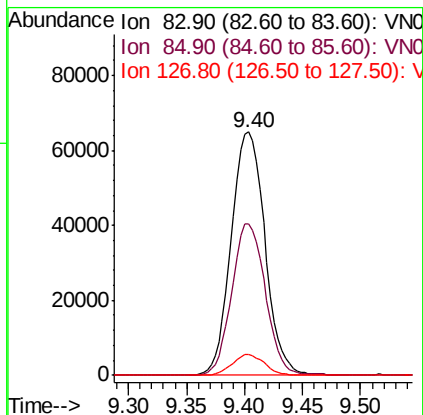
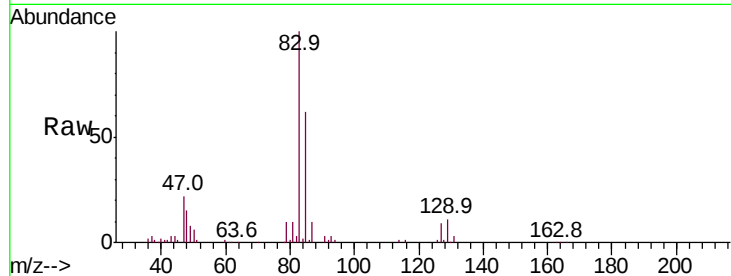
ClientSampleId :

VN0328WBS01

| Tot Ion | 83    | Resp  | 131028 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 83      | 100   |       |        |
| 85      | 62.5  | 52.8  | 79.2   |
| 127     | 8.6   | 7.4   | 11.2   |

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#48

Methyl methacrylate

Concen: 19.489 ug/l

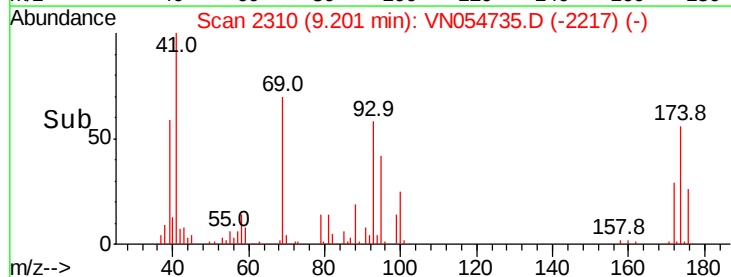
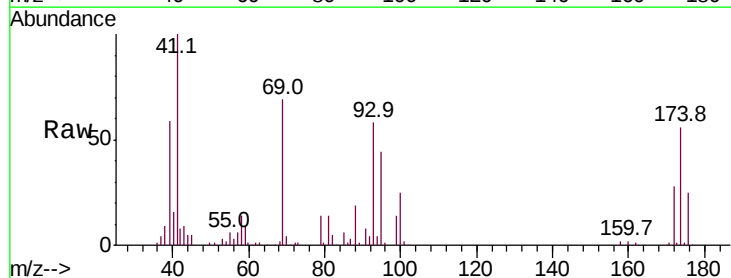
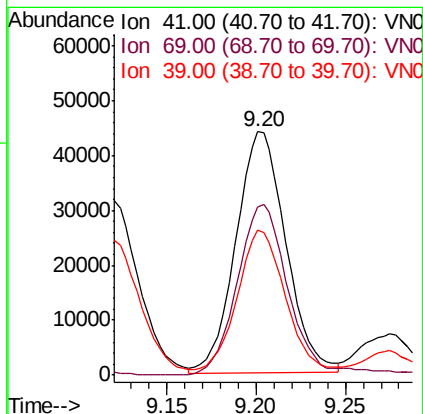
RT: 9.20 min Scan# 2310

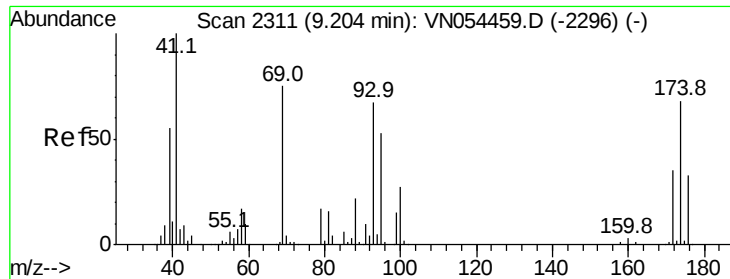
Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

| Tgt Ion | 41    | Resp  | 86424  |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 41      | 100   |       |        |
| 69      | 70.0  | 72.6  | 108.8# |
| 39      | 56.5  | 47.5  | 71.3   |





#49

1,4-Dioxane

Concen: 393.494 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

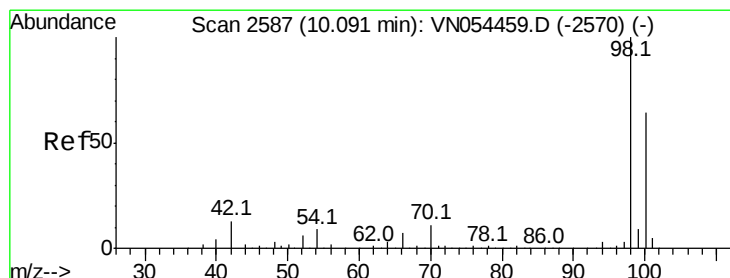
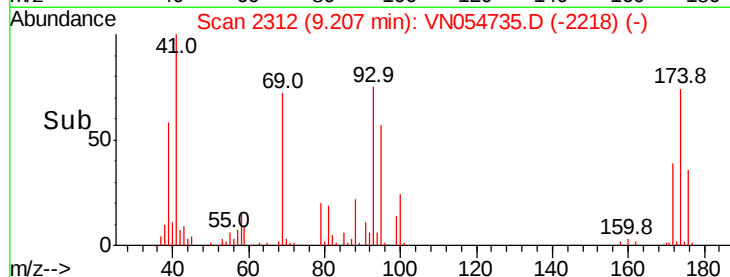
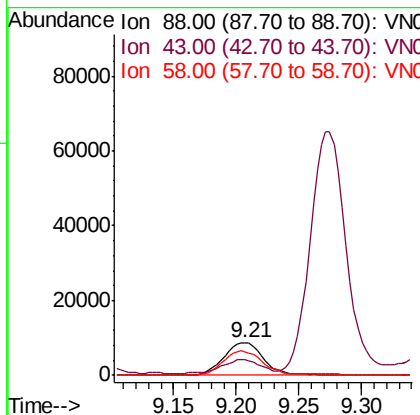
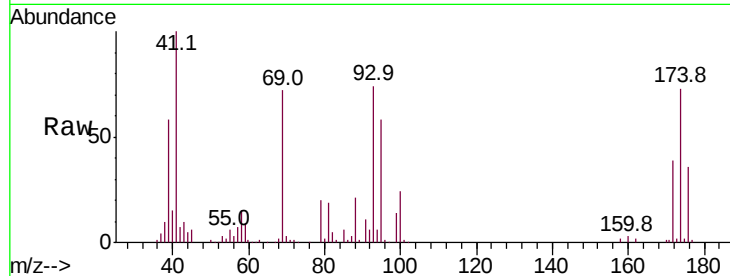
ClientSampleId :

VN0328WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 88    | Resp: | 19508 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 38.7  | 24.1  | 36.1# |
| 58        | 73.5  | 50.8  | 76.2  |

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#50

Toluene-d8

Concen: 43.057 ug/l

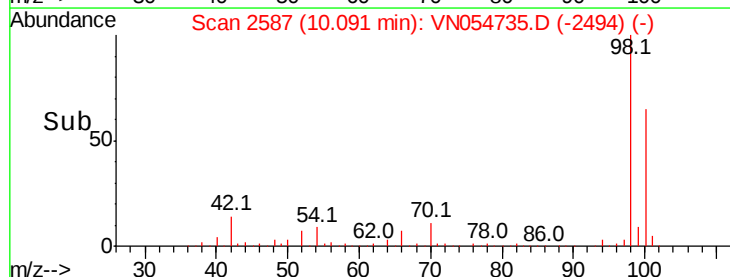
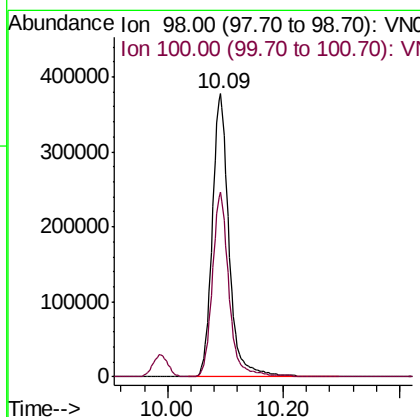
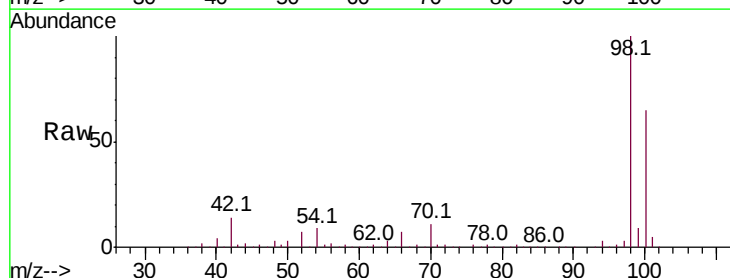
RT: 10.09 min Scan# 2587

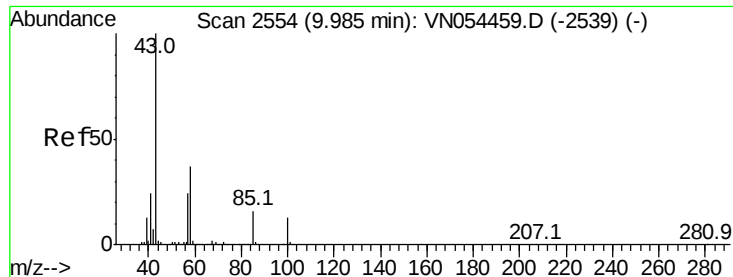
Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 758641 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 63.6  | 51.2  | 76.8   |





#51

4-Methyl-2-Pentanone

Concen: 105.551 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion: 43 Resp: 477945

Ion Ratio Lower Upper

43 100

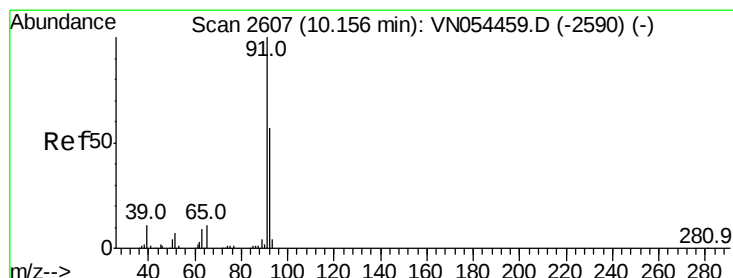
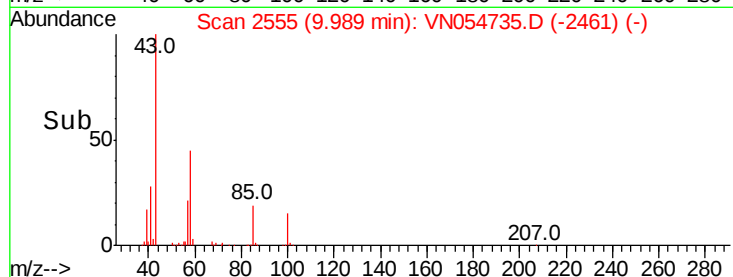
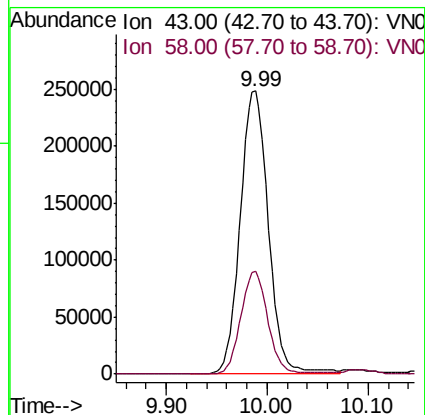
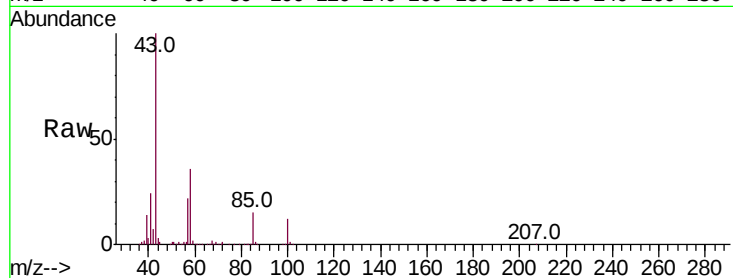
58 34.8 31.8 47.6

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#52

Toluene

Concen: 19.357 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054735.D

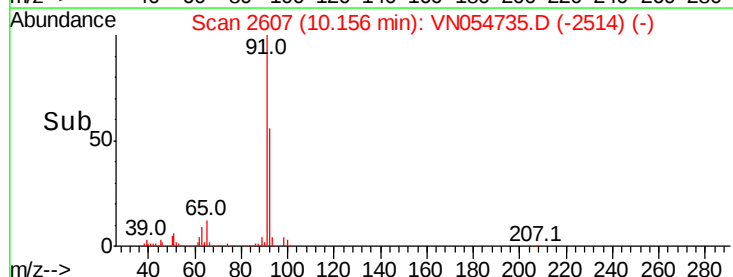
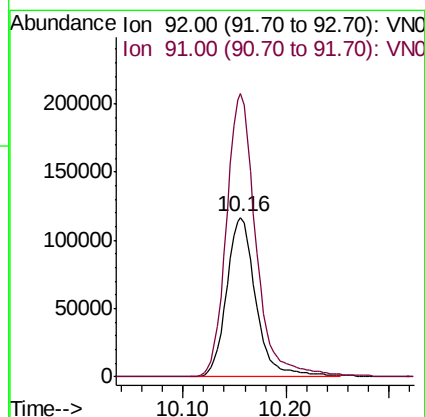
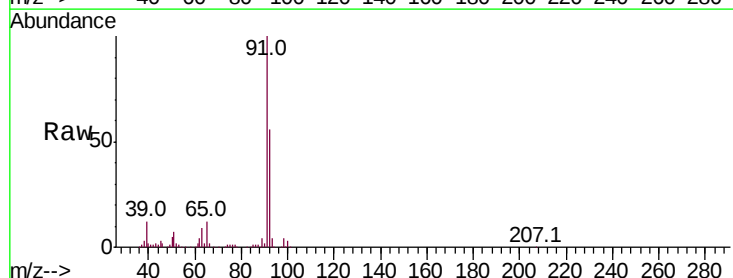
Acq: 28 Mar 2019 11:09

Tgt Ion: 92 Resp: 231566

Ion Ratio Lower Upper

92 100

91 180.1 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 18.698 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion: 75 Resp: 117569

Ion Ratio Lower Upper

75 100

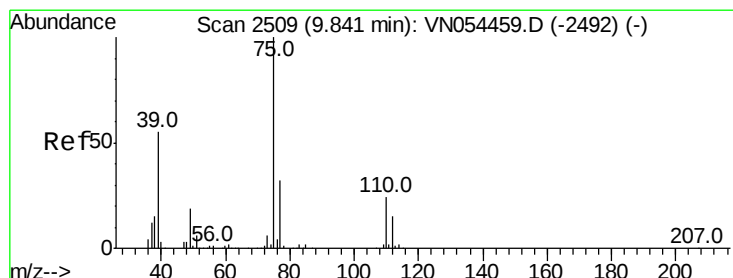
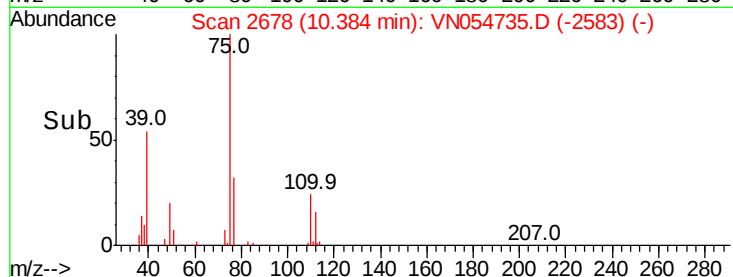
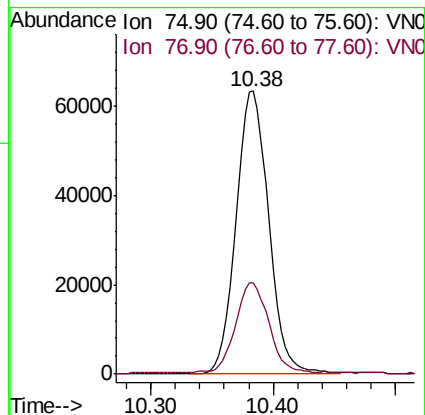
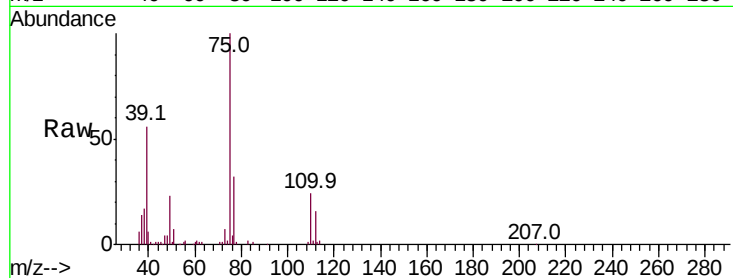
77 32.0 25.8 38.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.123 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

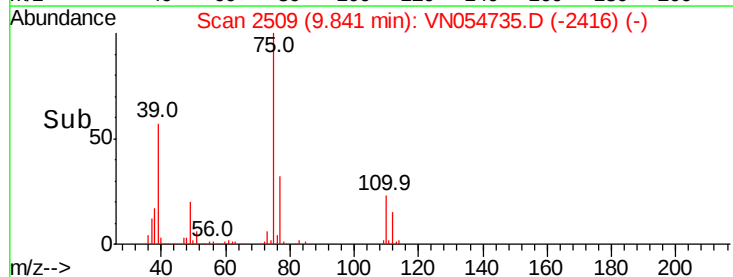
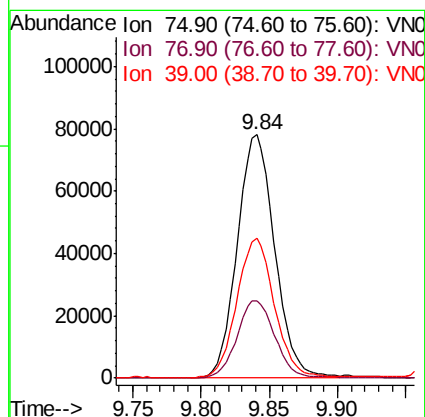
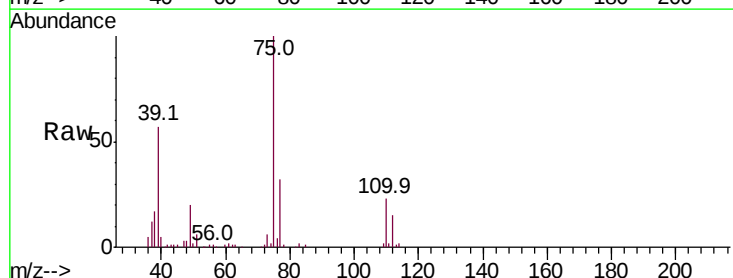
Tgt Ion: 75 Resp: 149204

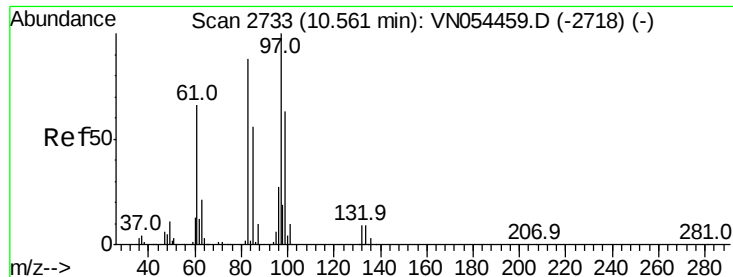
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 57.0 37.2 55.8#





#55

1,1,2-Trichloroethane

Concen: 20.301 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

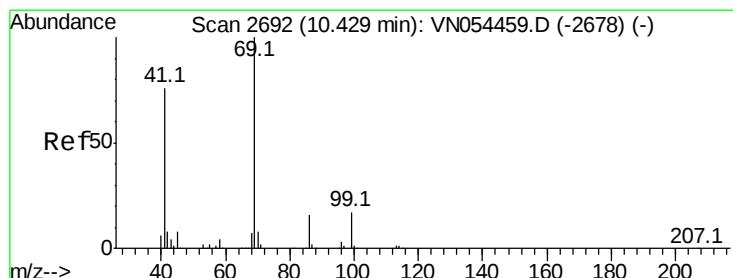
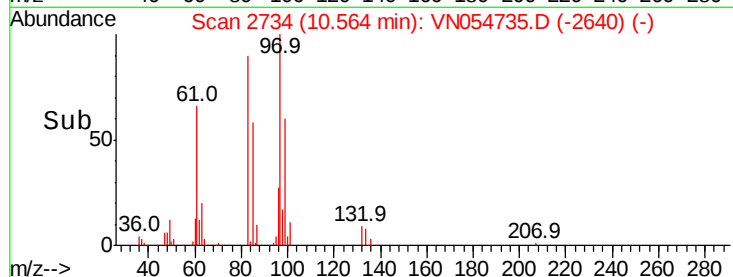
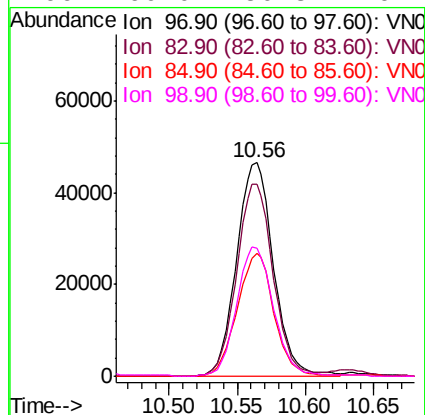
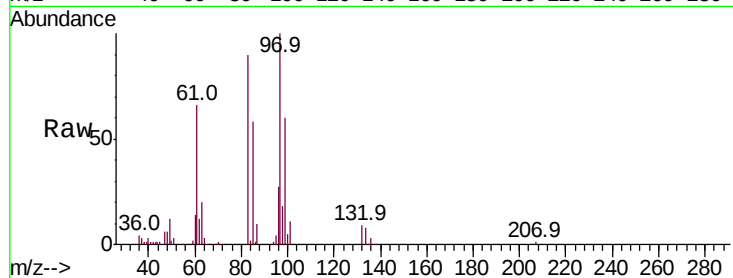
ClientSampleId :

VN0328WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 87300 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.1  | 66.6  | 100.0 |
| 85       | 57.7  | 44.4  | 66.6  |
| 99       | 60.0  | 50.8  | 76.2  |

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#56

Ethyl methacrylate

Concen: 19.153 ug/l

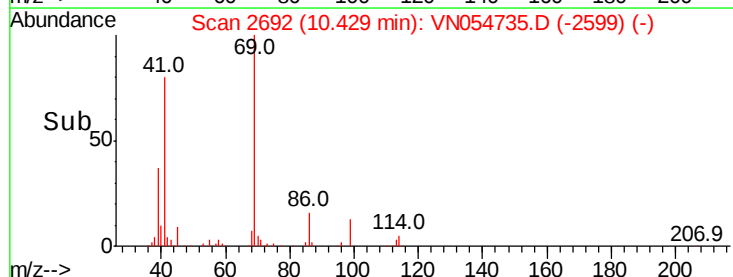
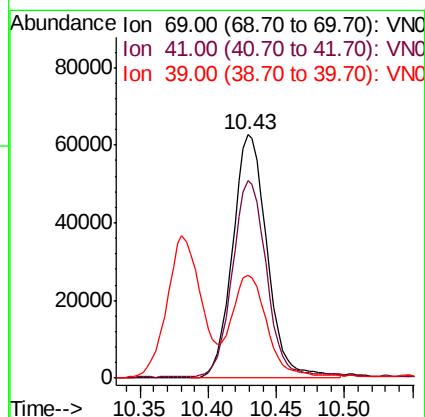
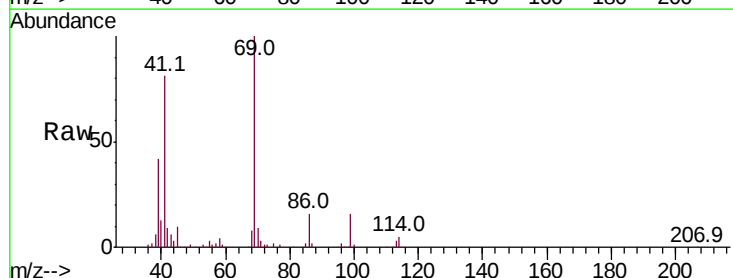
RT: 10.43 min Scan# 2692

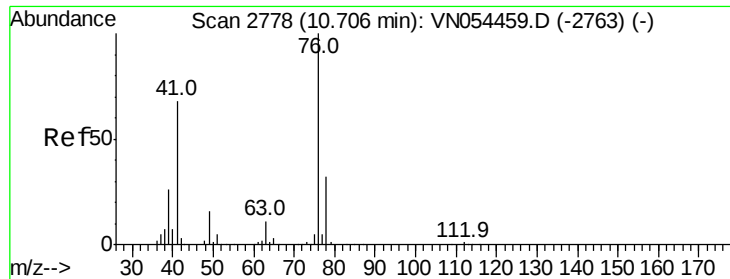
Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 110548 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 78.7  | 49.4  | 74.2#  |
| 39       | 42.5  | 28.3  | 42.5   |





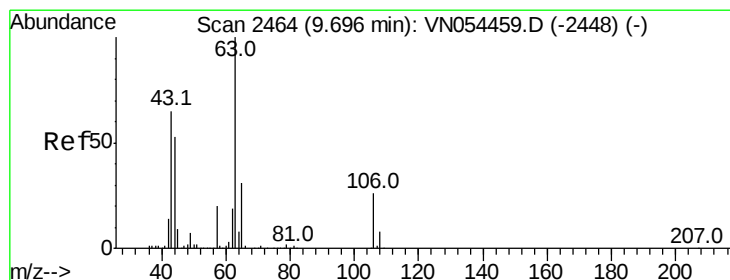
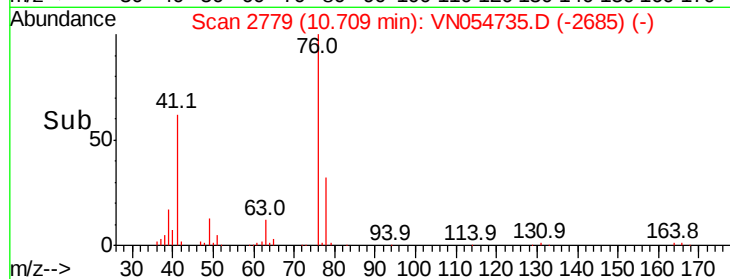
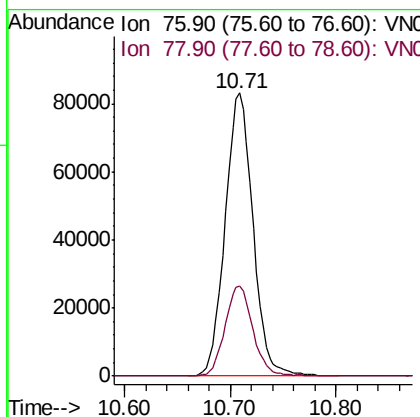
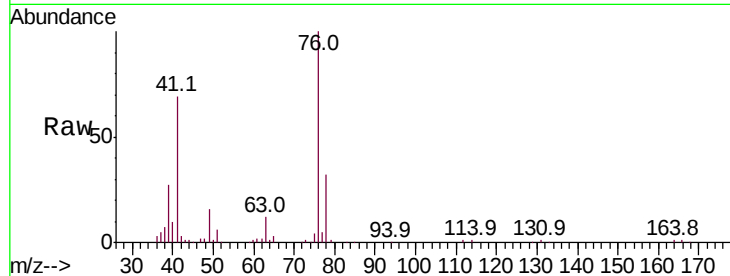
#57  
 1,3-Dichloropropane  
 Concen: 20.323 ug/l  
 RT: 10.71 min Scan# 2779  
 Delta R.T. 0.00 min  
 Lab File: VN054735.D  
 Acq: 28 Mar 2019 11:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328WBS01

Tot Ion: 76 Resp: 151918  
 Ion Ratio Lower Upper  
 76 100  
 78 31.9 25.7 38.5

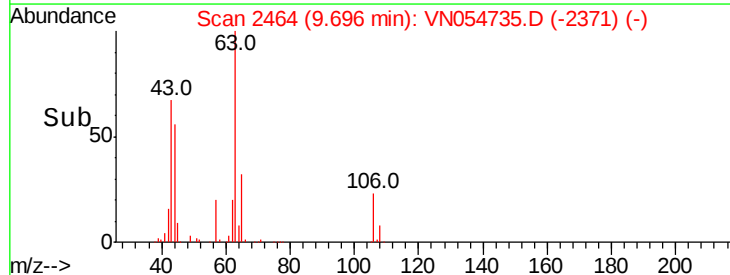
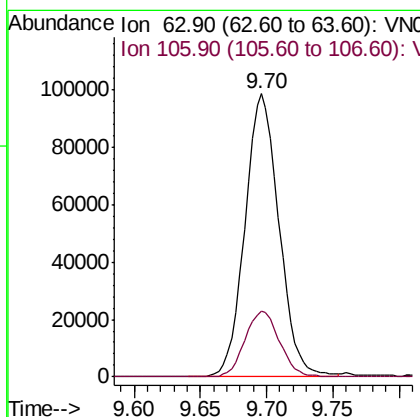
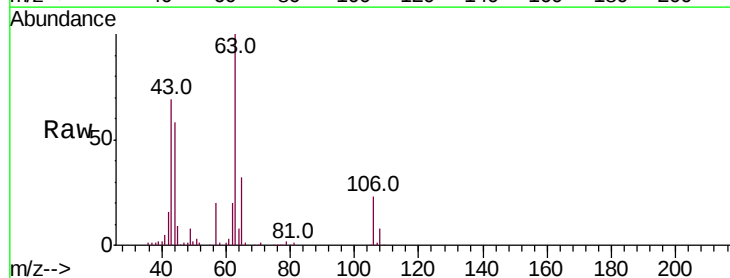
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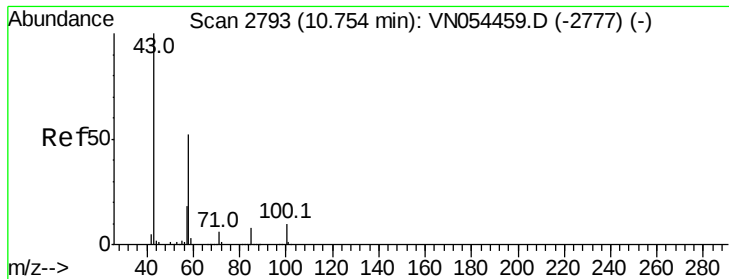
MMDadoda  
 3/29/2019 9:49:28 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 74.194 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. -0.00 min  
 Lab File: VN054735.D  
 Acq: 28 Mar 2019 11:09

Tgt Ion: 63 Resp: 176339  
 Ion Ratio Lower Upper  
 63 100  
 106 23.7 24.4 36.6#





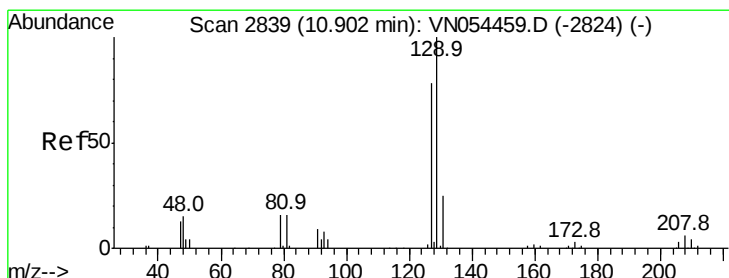
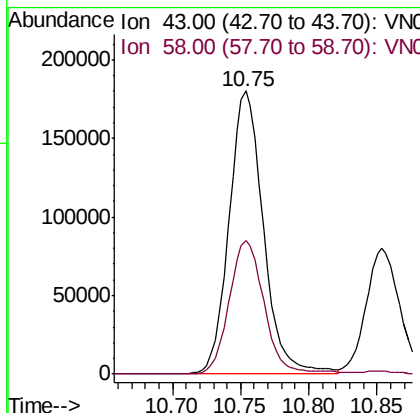
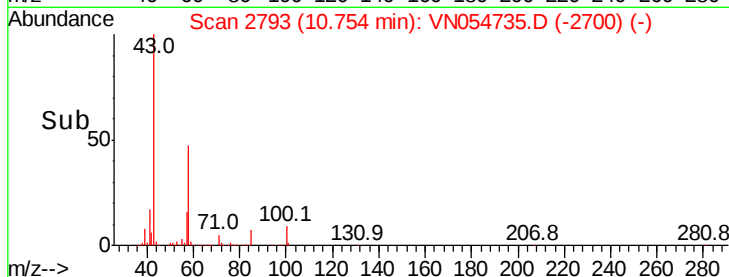
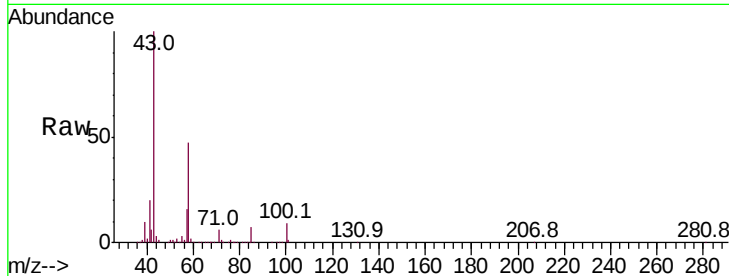
#59  
2-Hexanone  
Concen: 105.150 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

Tot Ion: 43 Resp: 311000  
Ion Ratio Lower Upper  
43 100  
58 48.3 28.0 83.9

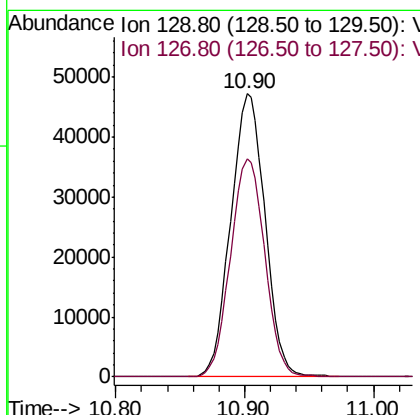
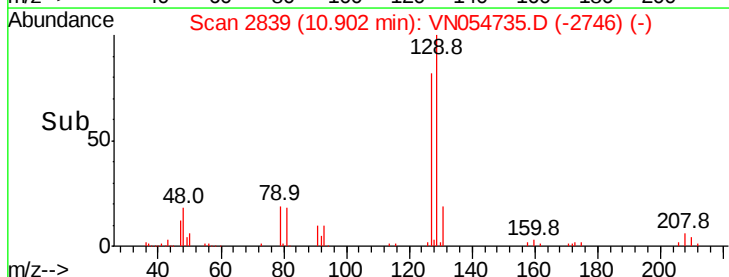
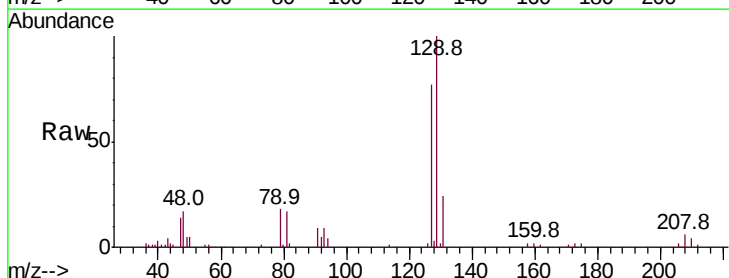
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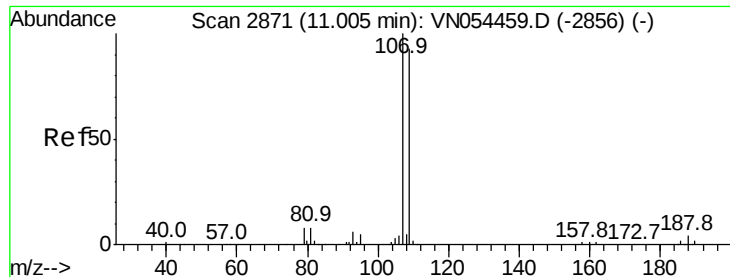
MMDadoda  
3/29/2019 9:49:28 AM



#60  
Dibromochloromethane  
Concen: 19.060 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Tgt Ion: 129 Resp: 87219  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.6 115.8





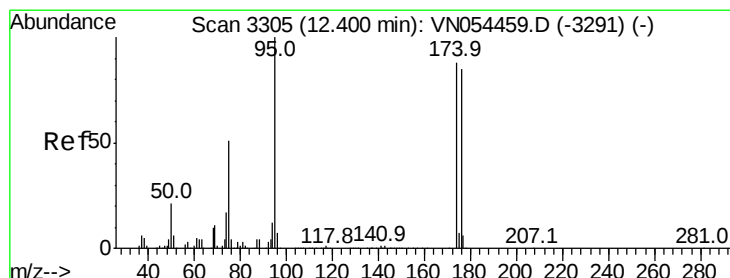
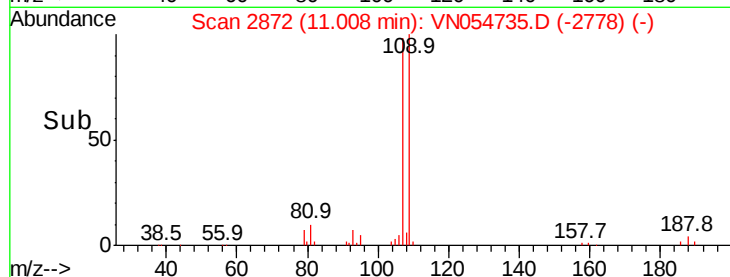
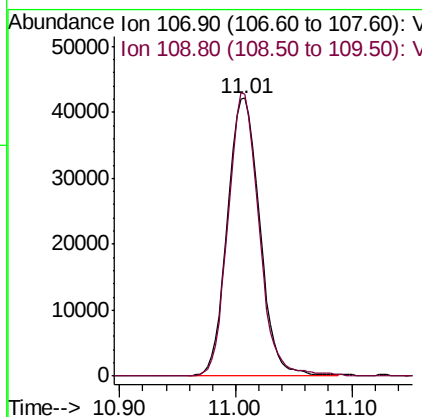
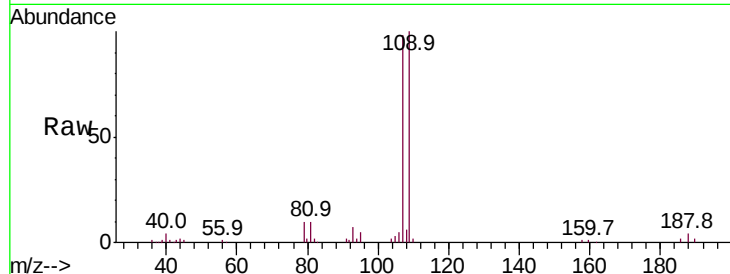
#61  
1,2-Dibromoethane  
Concen: 19.157 ug/l  
RT: 11.01 min Scan# 2872  
Delta R.T. 0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

Tot Ion:107 Resp: 81442  
Ion Ratio Lower Upper  
107 100  
109 97.1 75.9 113.9

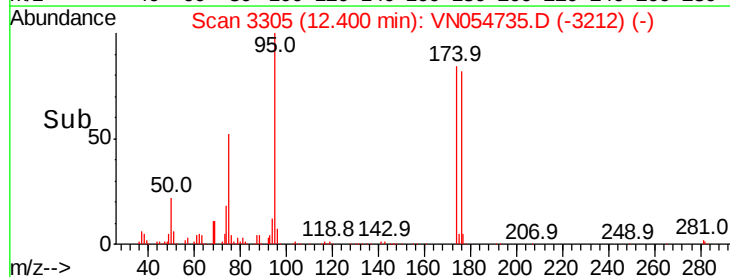
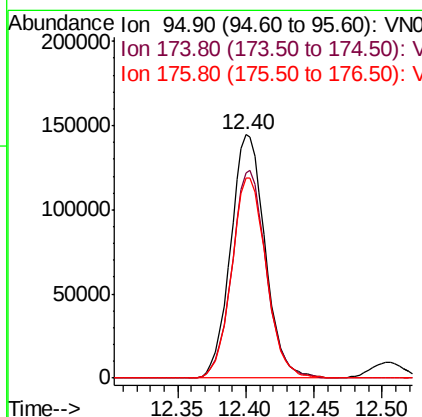
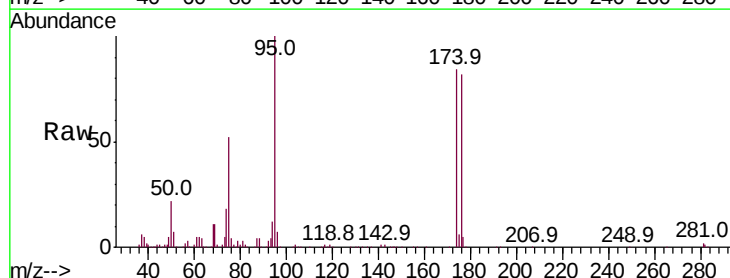
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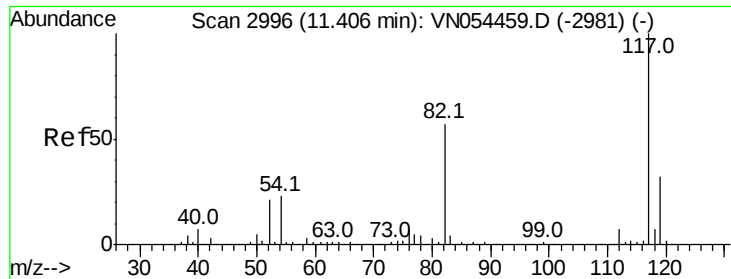
MMDadoda  
3/29/2019 9:49:28 AM



#62  
4-Bromofluorobenzene  
Concen: 42.232 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Tgt Ion: 95 Resp: 253208  
Ion Ratio Lower Upper  
95 100  
174 84.6 0.0 191.0  
176 82.8 0.0 187.4





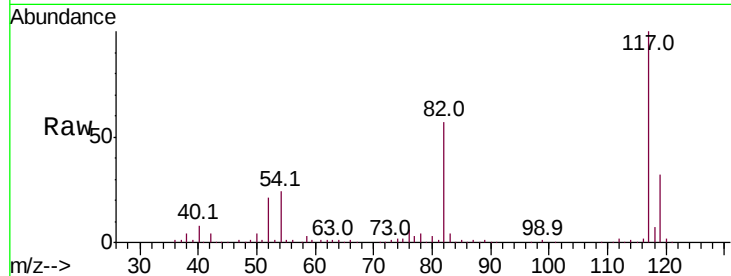
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 628511 |       |       |
| 82      | 56.8  |        | 40.0  | 60.0  |
| 119     | 32.3  |        | 25.8  | 38.6  |

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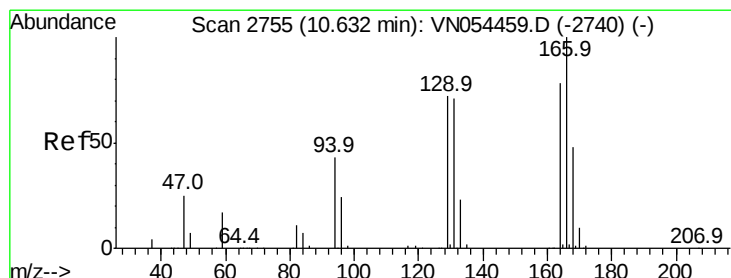
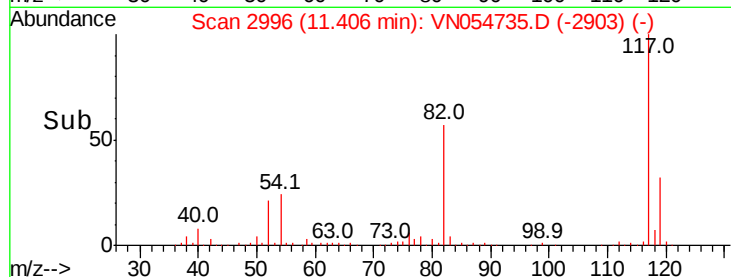
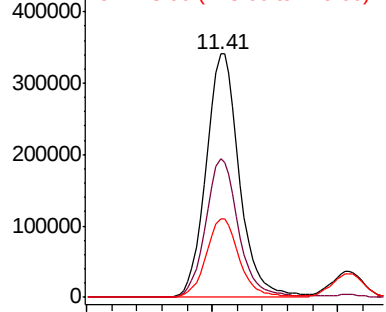


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 19.361 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 100934 |       |       |
| 166     | 128.1 |        | 103.9 | 155.9 |
| 129     | 91.6  |        | 71.1  | 106.7 |
| 131     | 88.3  |        | 68.2  | 102.4 |

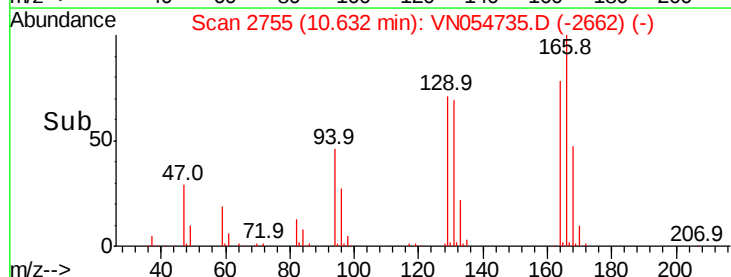
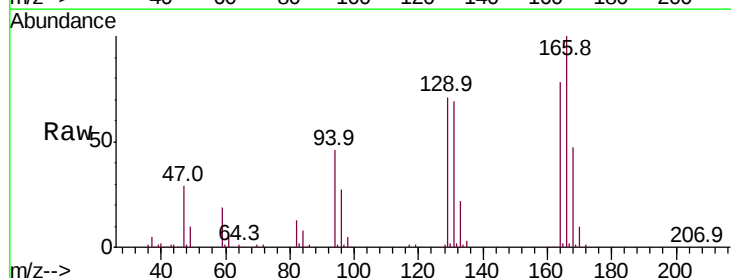
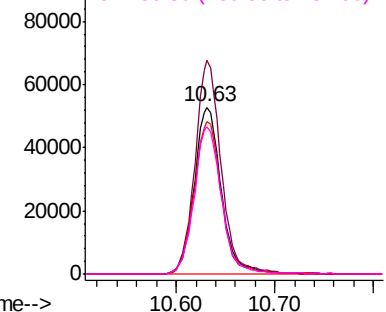
Abundance

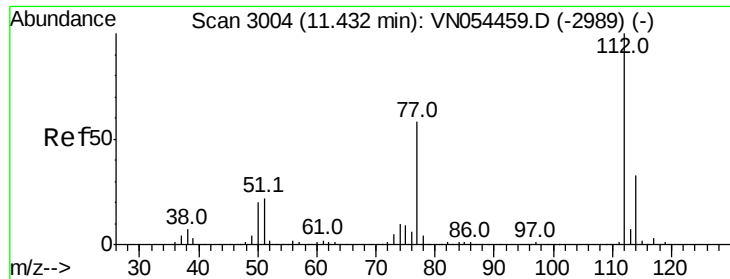
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





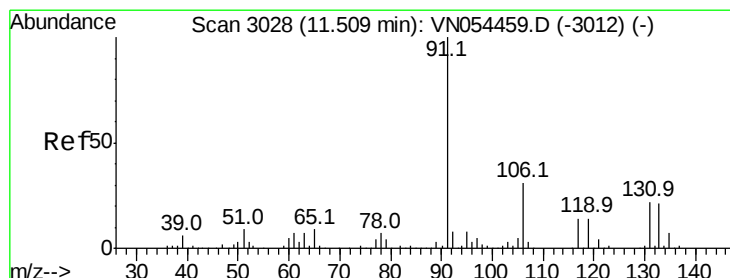
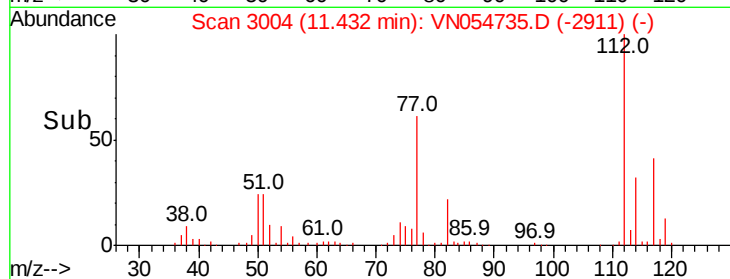
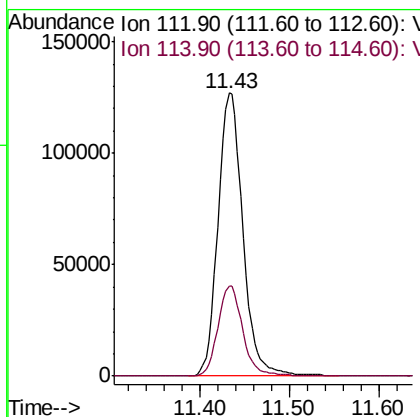
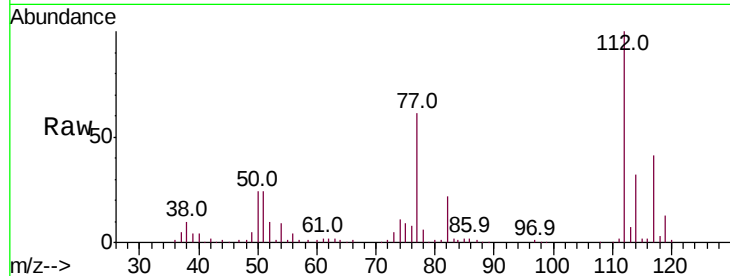
#65  
Chlorobenzene  
Concen: 19.203 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

Tot Ion:112 Resp: 245479  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.9 38.9

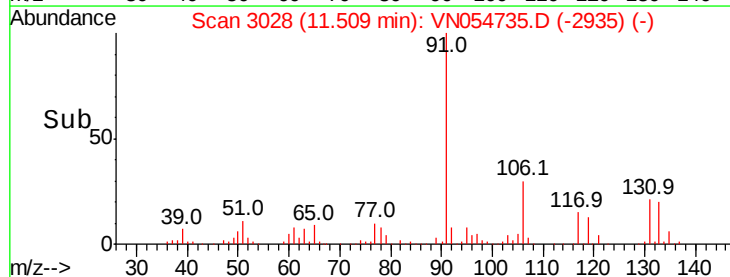
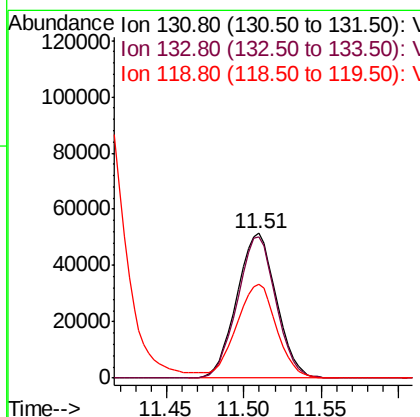
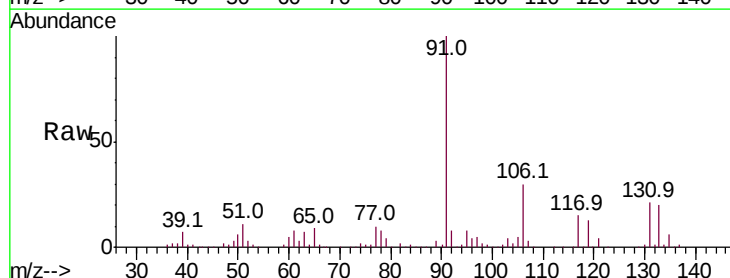
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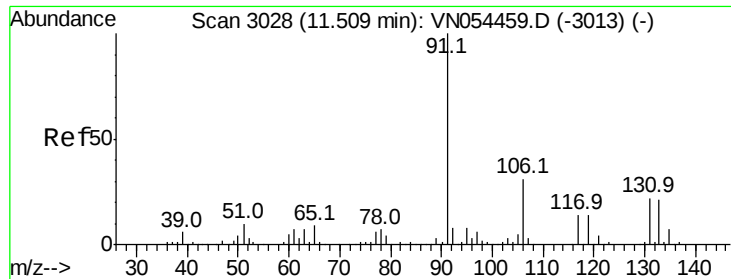
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.998 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Tgt Ion:131 Resp: 91758  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.6 142.9  
119 66.1 32.4 97.0





#67

Ethyl Benzene

Concen: 19.551 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion: 91 Resp: 441480

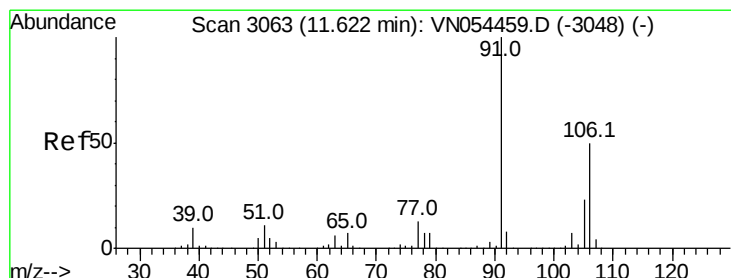
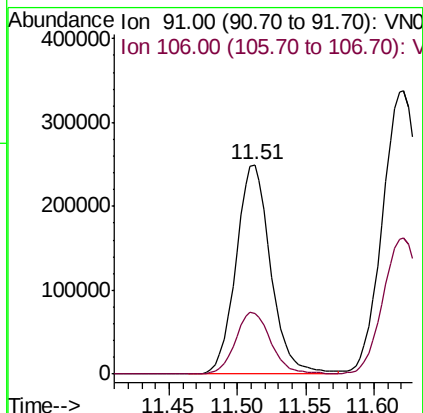
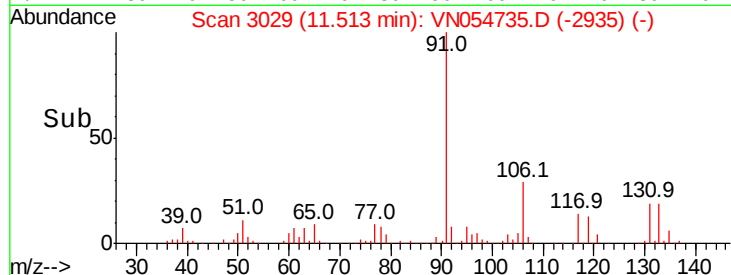
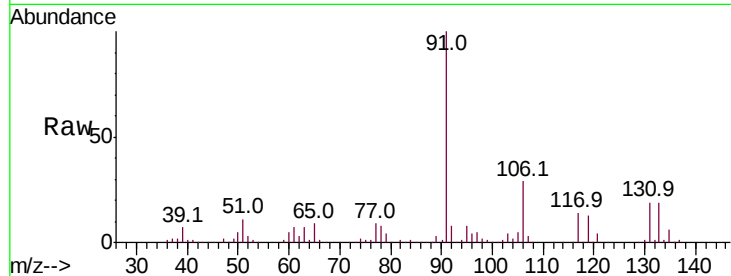
Ion Ratio Lower Upper

91 100

106 29.1 25.5 38.3

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#68

m/p-Xylenes

Concen: 38.318 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN054735.D

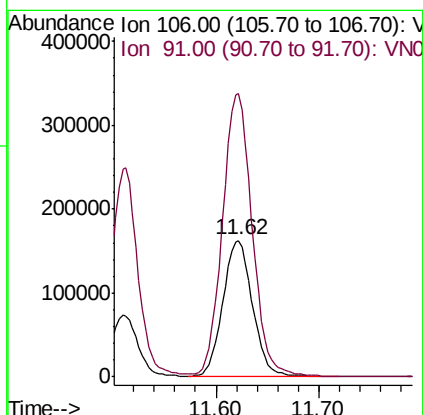
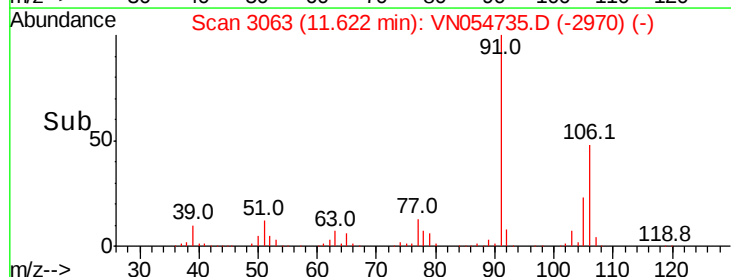
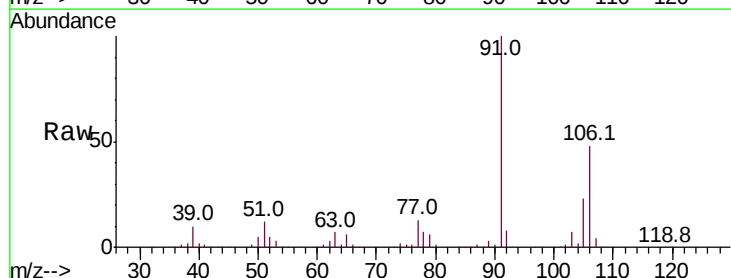
Acq: 28 Mar 2019 11:09

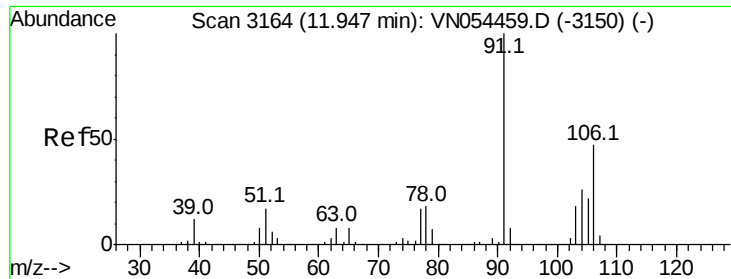
Tgt Ion: 106 Resp: 327730

Ion Ratio Lower Upper

106 100

91 207.9 159.4 239.2





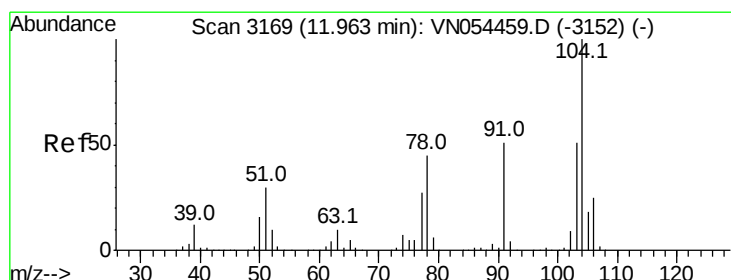
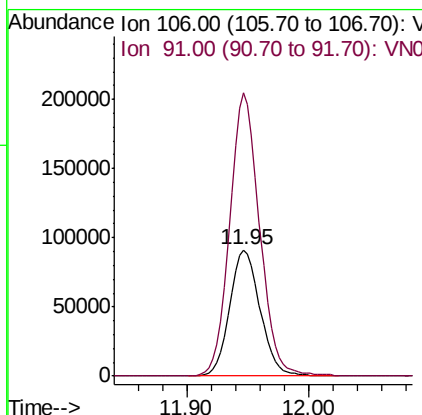
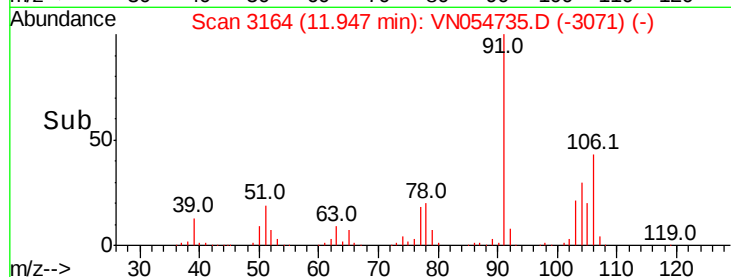
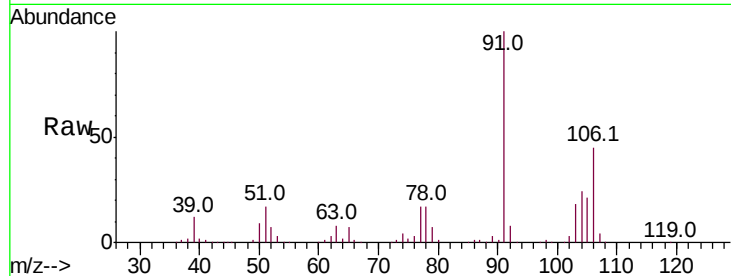
#69  
o-Xylene  
Concen: 19.114 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

Tot Ion:106 Resp: 159656  
Ion Ratio Lower Upper  
106 100  
91 219.0 105.7 317.1

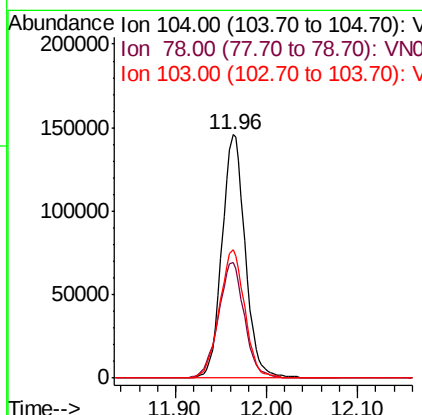
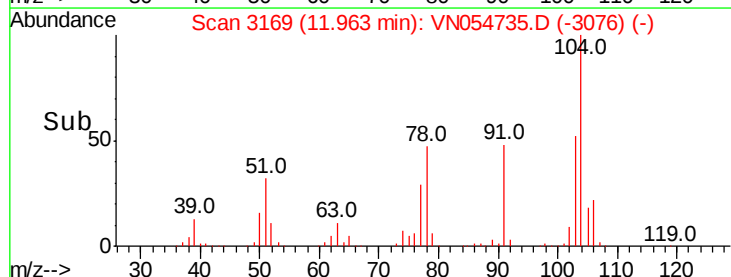
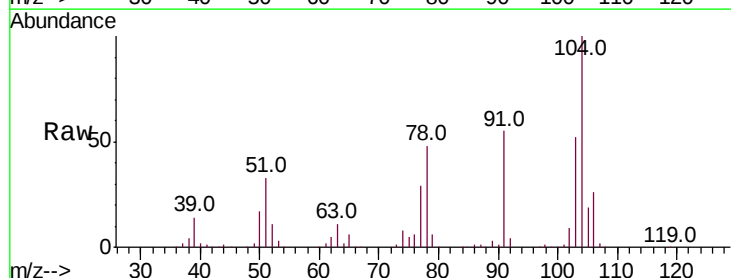
Manual Integrations  
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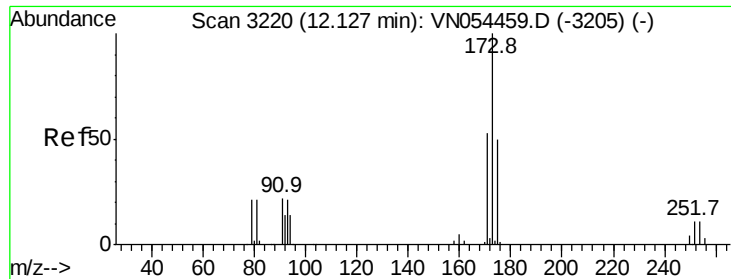
MMDadoda  
3/29/2019 9:49:28 AM



#70  
Styrene  
Concen: 19.113 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Tgt Ion:104 Resp: 259259  
Ion Ratio Lower Upper  
104 100  
78 52.9 38.2 57.2  
103 57.3 44.4 66.6





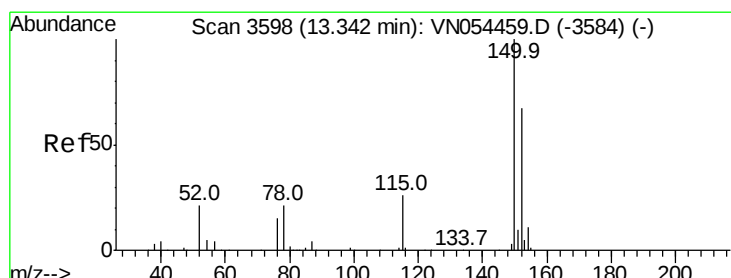
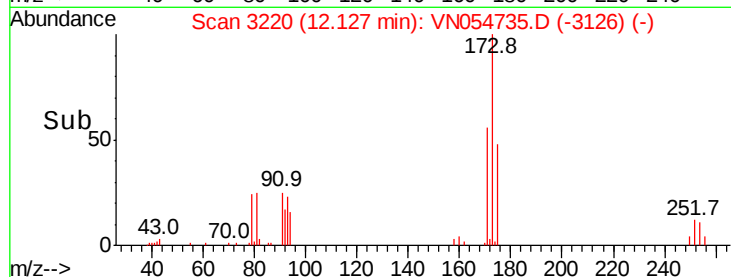
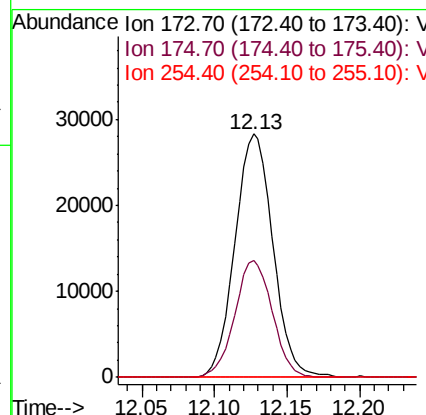
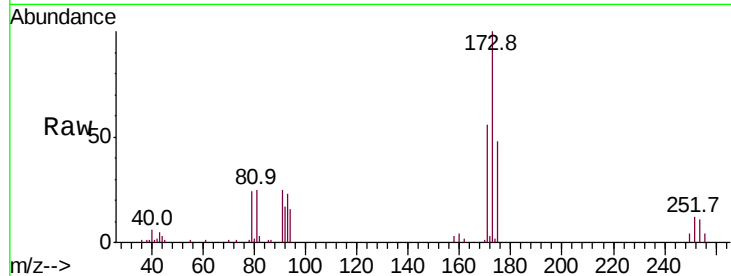
#71  
Bromoform  
Concen: 17.759 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.2  | 24.4  | 73.2  |
| 254     | 0.0   | 0.1   | 0.1#  |

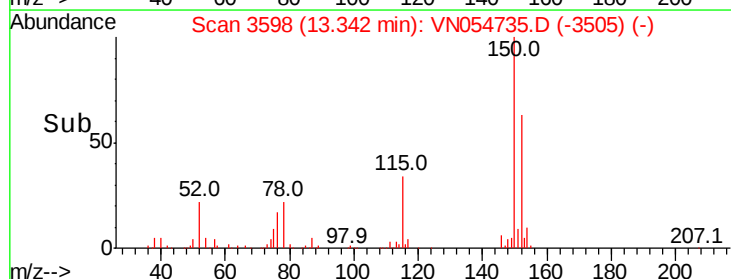
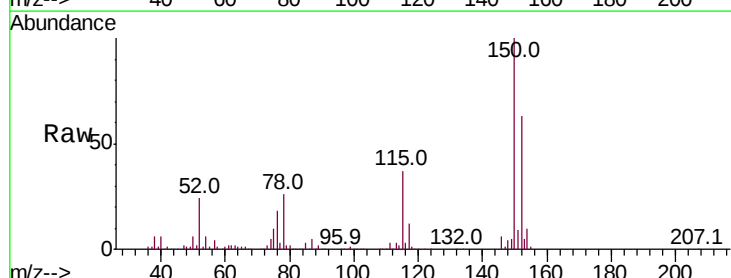
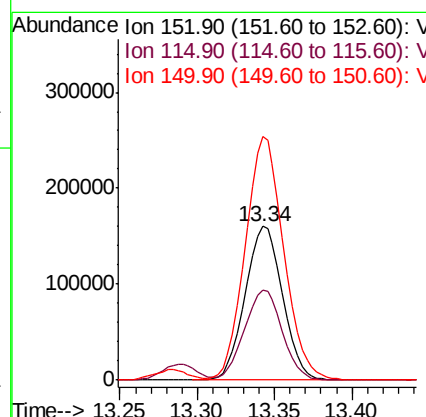
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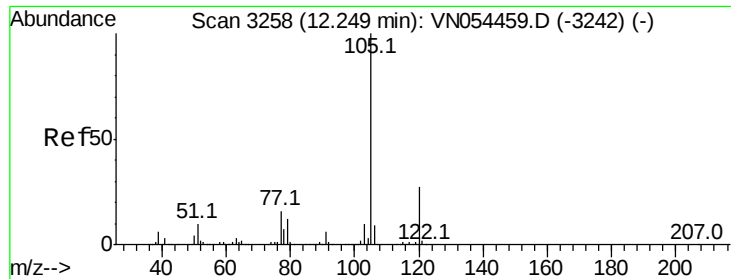
MMDadoda  
3/29/2019 9:49:28 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 59.0  | 27.2  | 81.6  |
| 150     | 162.5 | 0.0   | 349.2 |





#73

Isopropylbenzene

Concen: 19.144 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion: 105 Resp: 416710

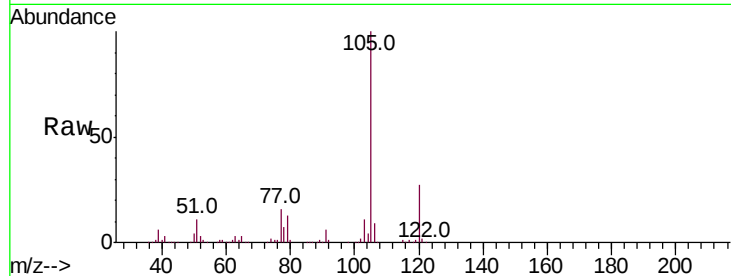
Ion Ratio Lower Upper

105 100

120 26.6 13.8 41.3

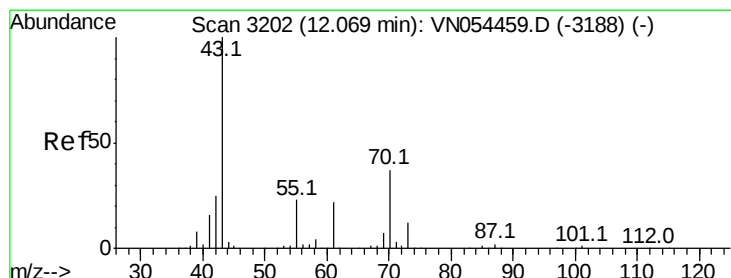
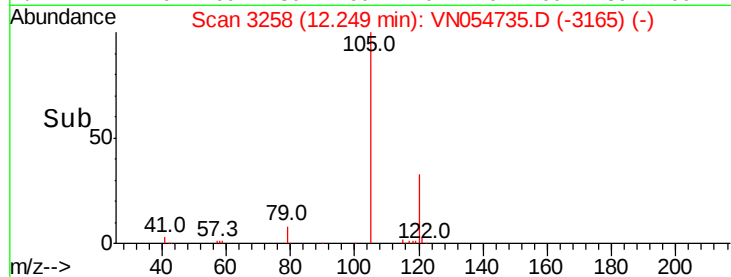
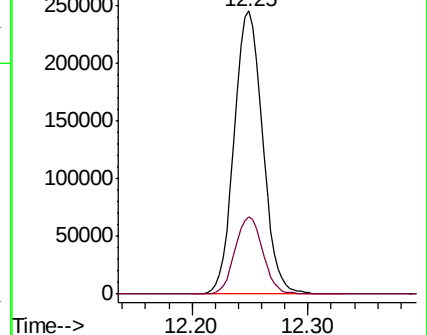
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.933 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Tgt Ion: 43 Resp: 137278

Ion Ratio Lower Upper

43 100

70 35.7 35.4 53.0

55 23.8 19.8 29.6

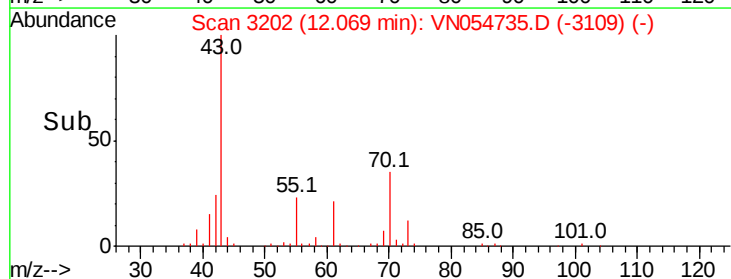
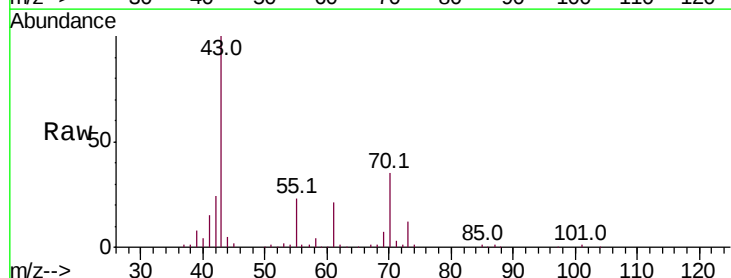
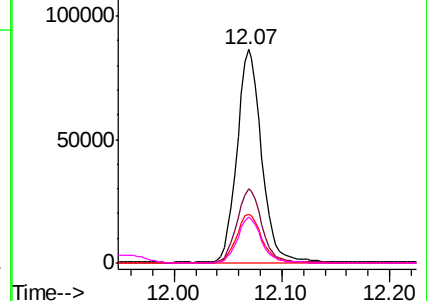
61 21.2 19.8 29.6

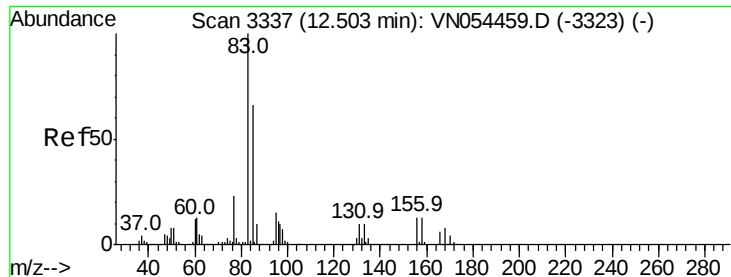
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.956 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion: 83 Resp: 104132  
Ion Ratio Lower Upper

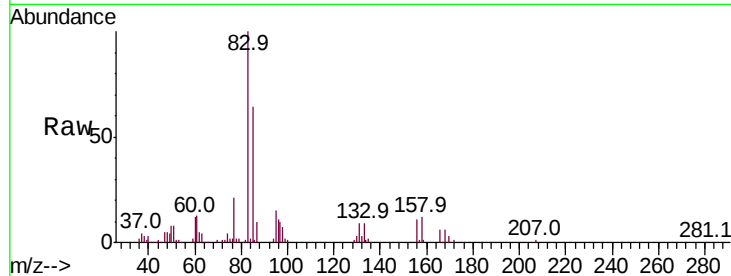
83 100

131 9.7 5.8 17.4

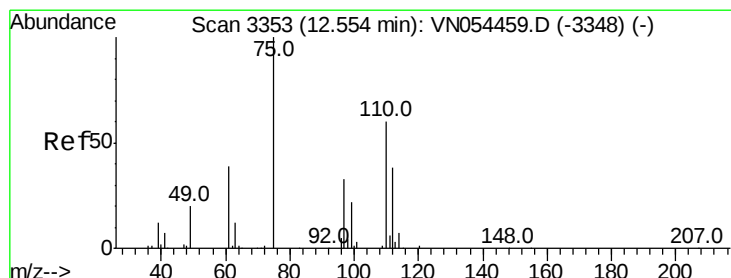
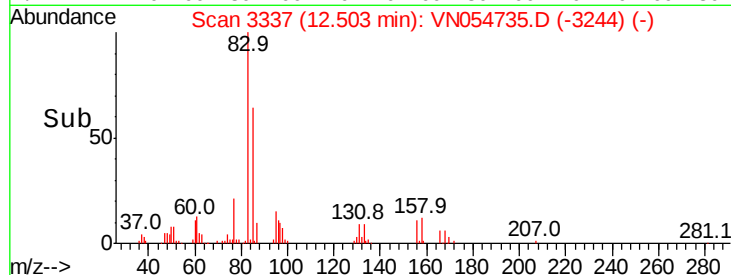
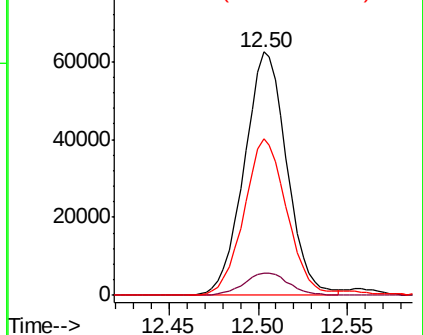
85 65.9 32.2 96.6

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Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 20.557 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

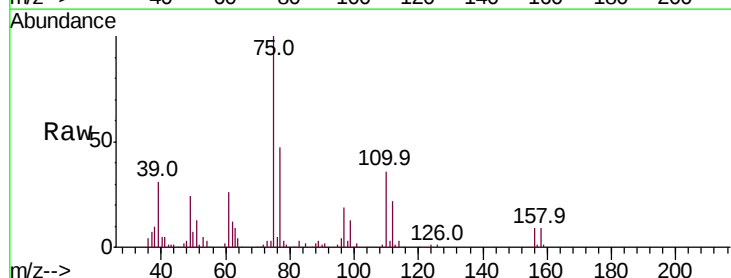
Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

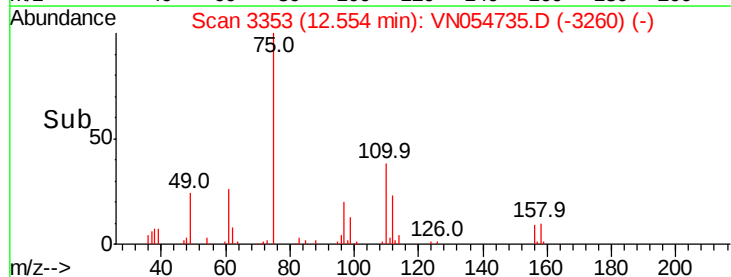
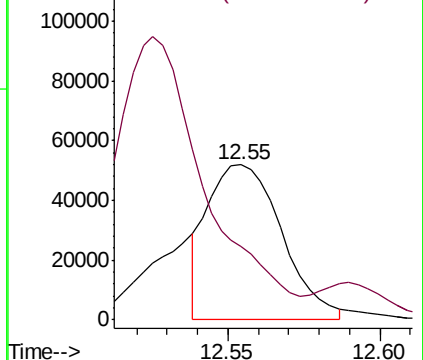
Tgt Ion: 75 Resp: 88117  
Ion Ratio Lower Upper

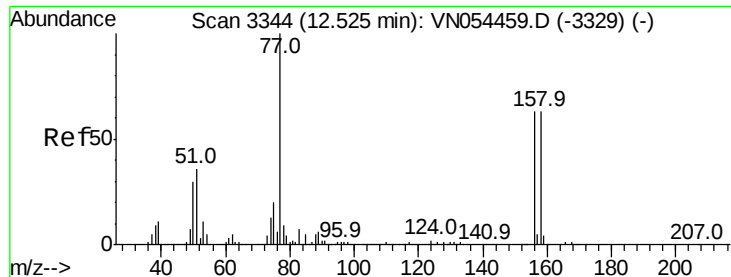
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0  
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.922 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

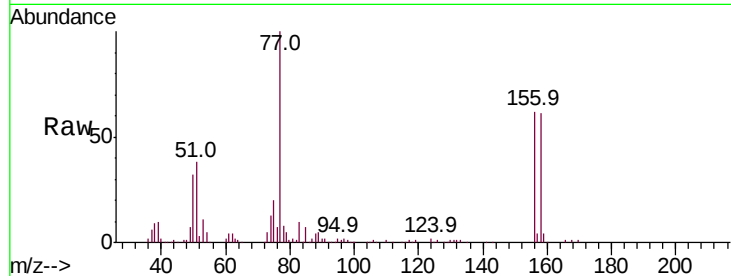
ClientSampleId :

VN0328WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 102156 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 194.0 | 81.5  | 244.4  |
| 158       | 97.6  | 49.0  | 147.2  |

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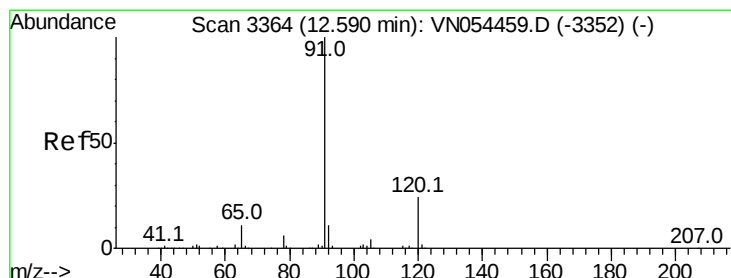
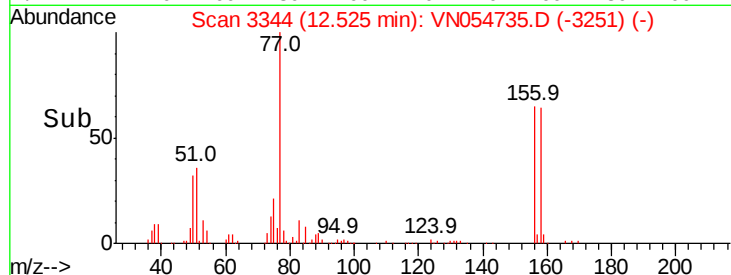
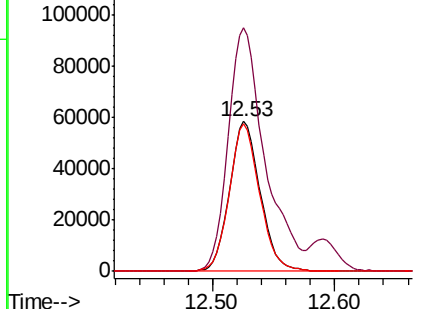
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.191 ug/l

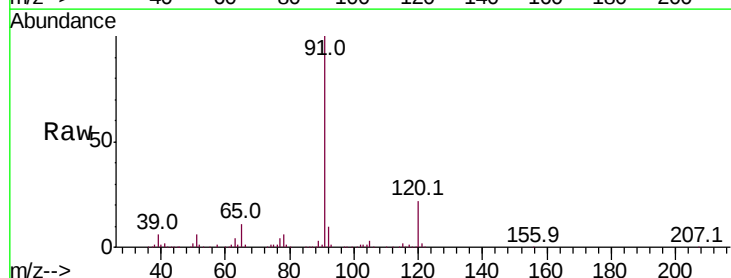
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054735.D

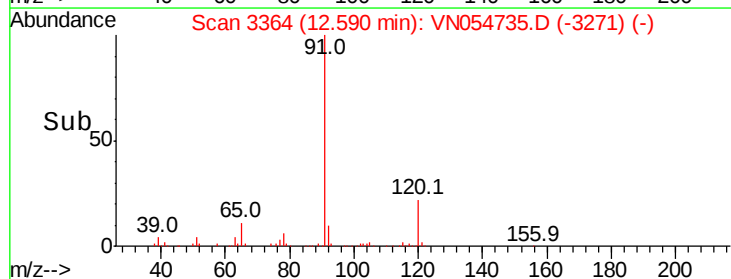
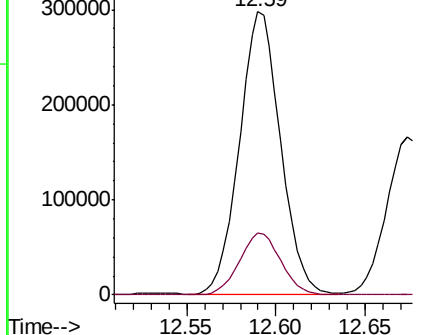
Acq: 28 Mar 2019 11:09

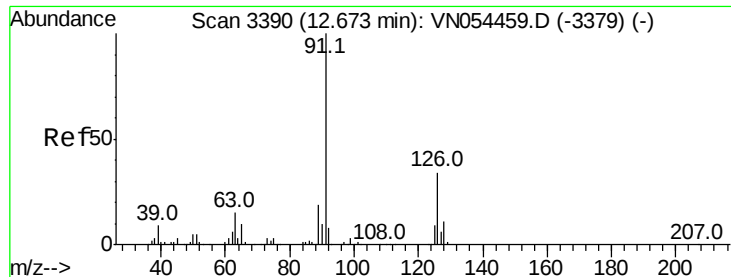
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 476580 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.3  | 12.3  | 36.9   |



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.420 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion: 91 Resp: 285844

Ion Ratio Lower Upper

91 100

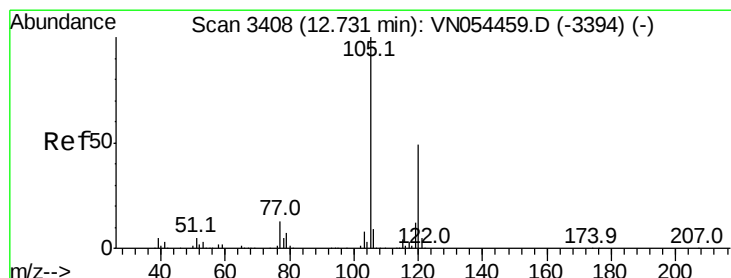
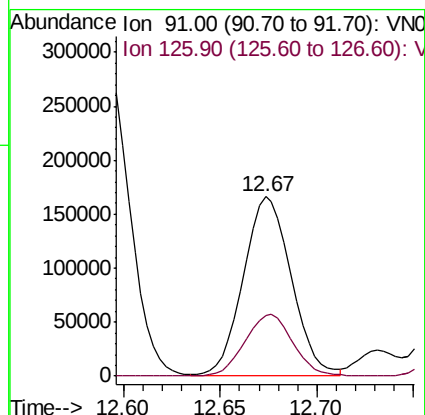
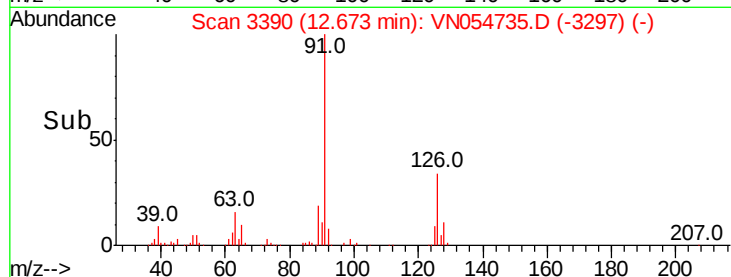
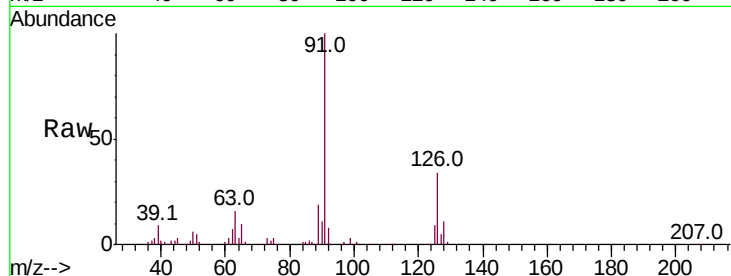
126 34.6 18.7 56.1

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#80

1,3,5-Trimethylbenzene

Concen: 19.516 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054735.D

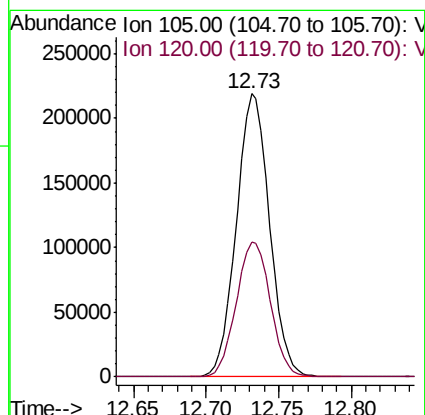
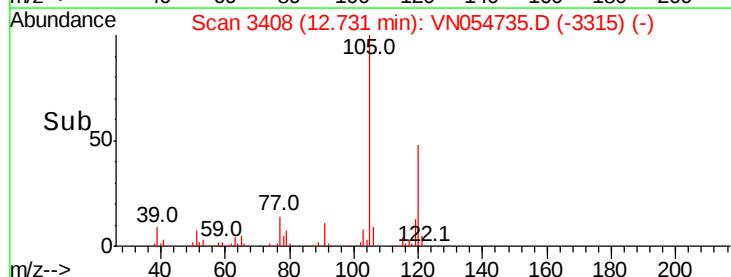
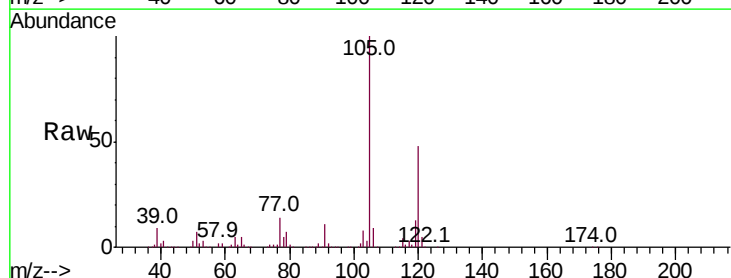
Acq: 28 Mar 2019 11:09

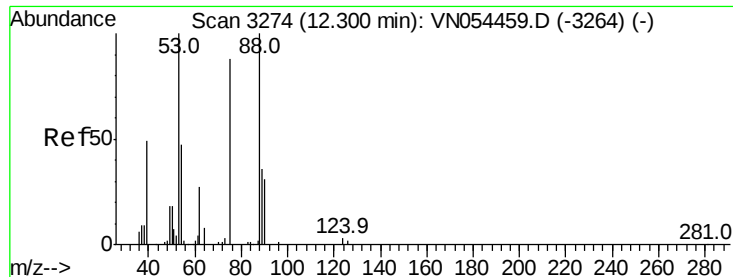
Tgt Ion: 105 Resp: 348181

Ion Ratio Lower Upper

105 100

120 49.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.026 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion: 75 Resp: 22376

Ion Ratio Lower Upper

75 100

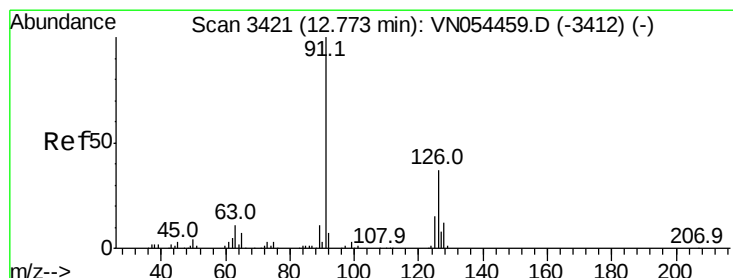
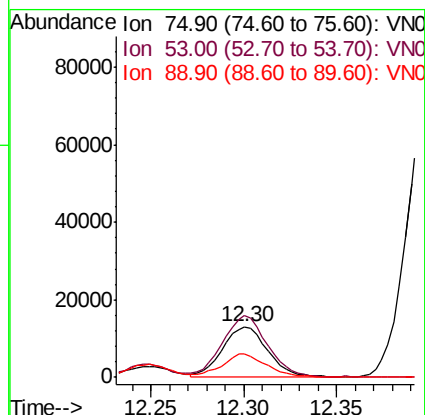
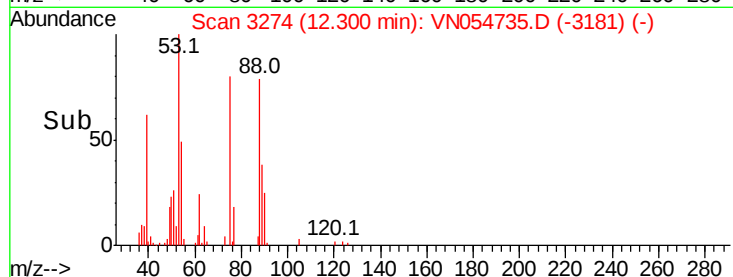
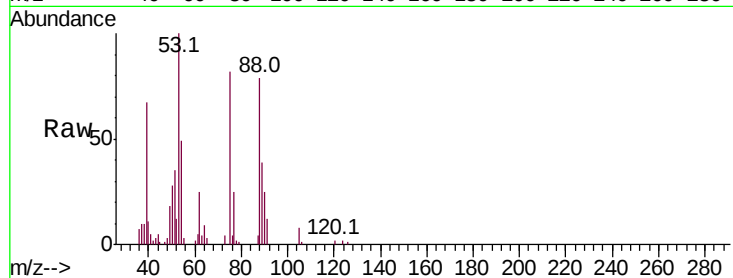
53 117.9 76.2 114.2#

89 45.6 39.2 58.8

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#82

4-Chlorotoluene

Concen: 19.592 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN054735.D

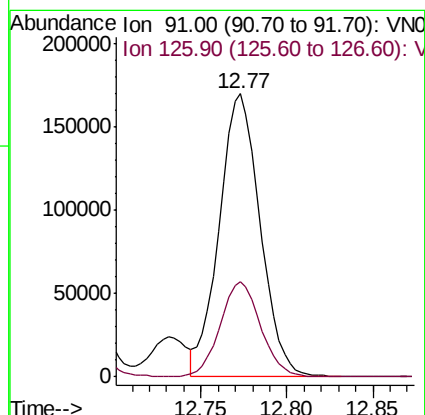
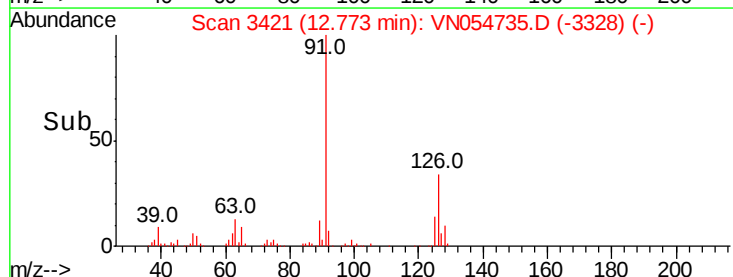
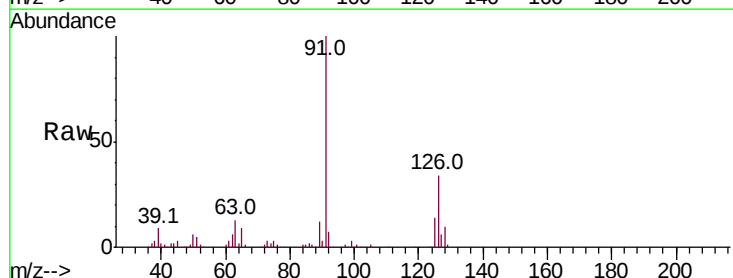
Acq: 28 Mar 2019 11:09

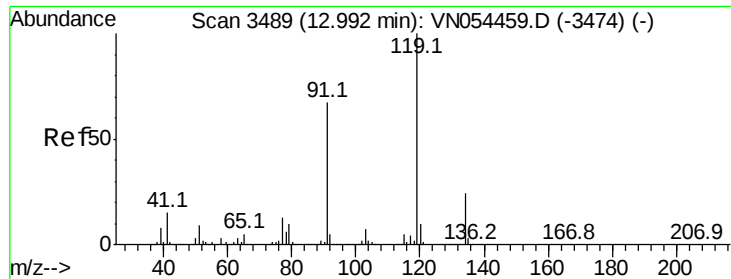
Tgt Ion: 91 Resp: 279535

Ion Ratio Lower Upper

91 100

126 33.4 18.1 54.1





#83

tert-Butylbenzene

Concen: 18.934 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

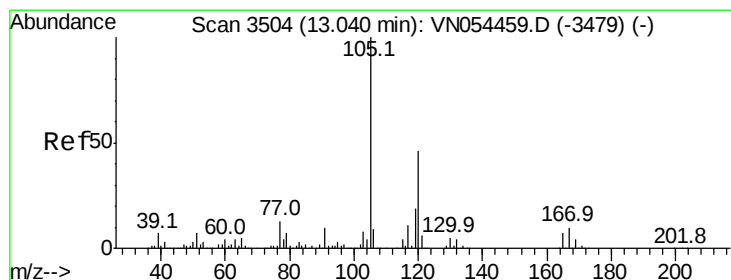
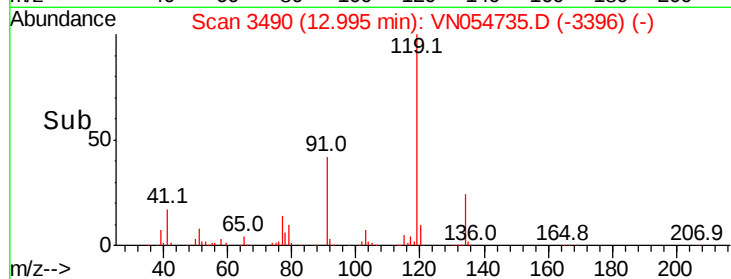
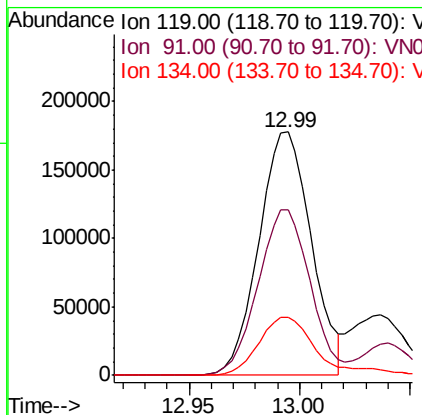
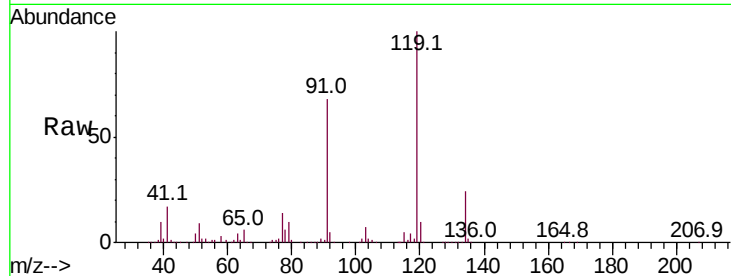
ClientSampleId :

VN0328WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 294029 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 67.6  | 30.9  | 92.8   |
| 134       | 26.5  | 13.2  | 39.6   |

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#84

1,2,4-Trimethylbenzene

Concen: 19.634 ug/l

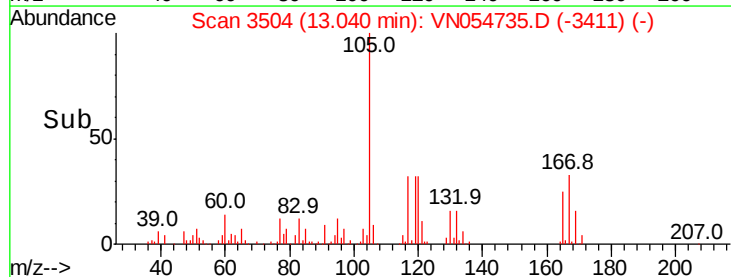
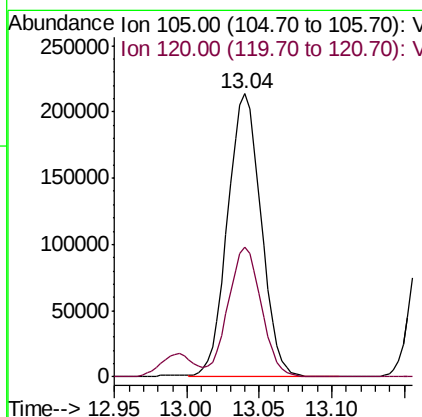
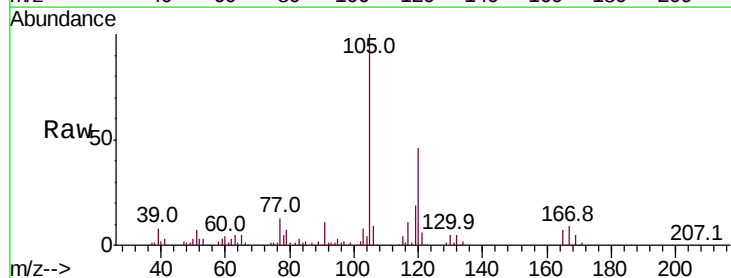
RT: 13.04 min Scan# 3504

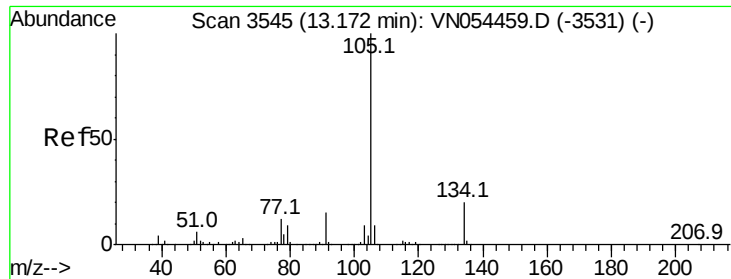
Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 343700 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.6  | 23.4  | 70.3   |





#85

sec-Butylbenzene

Concen: 20.001 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBS01

Tot Ion:105 Resp: 387187

Ion Ratio Lower Upper

105 100

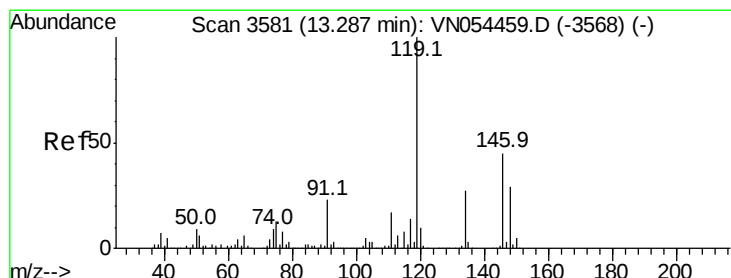
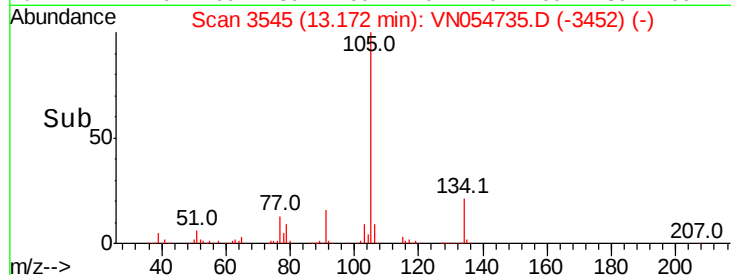
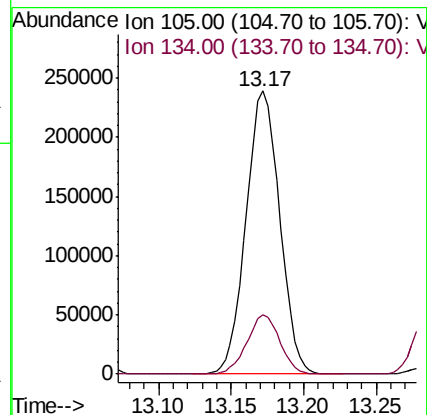
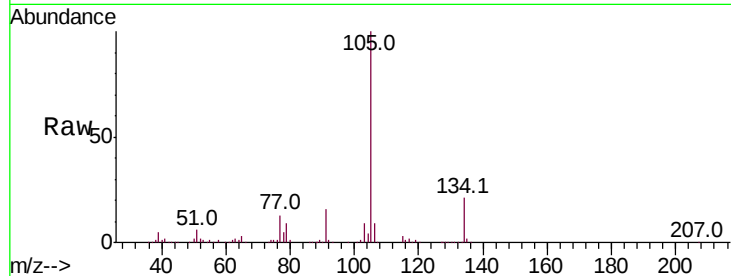
134 20.5 10.7 32.1

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#86

p-Isopropyltoluene

Concen: 19.704 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

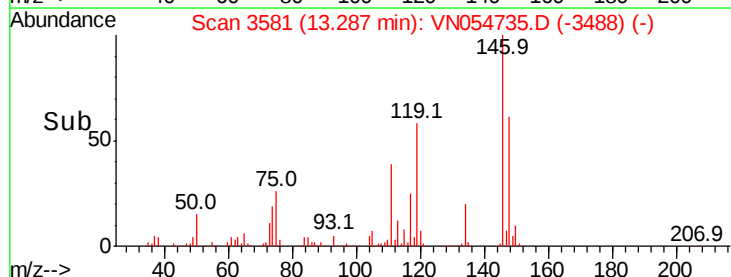
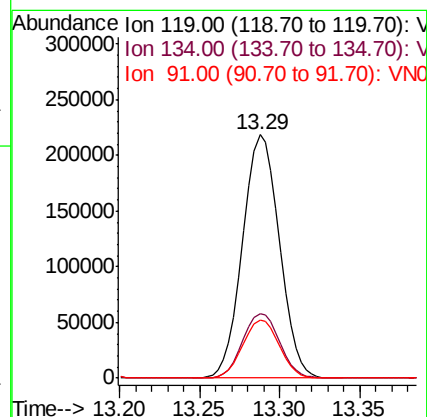
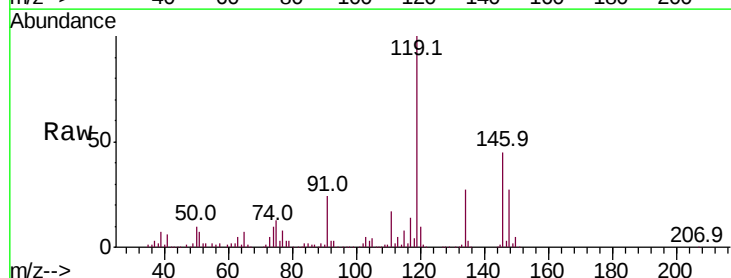
Tgt Ion:119 Resp: 341262

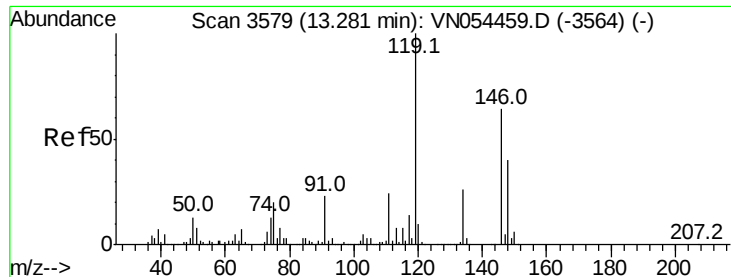
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

91 23.8 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 19.549 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

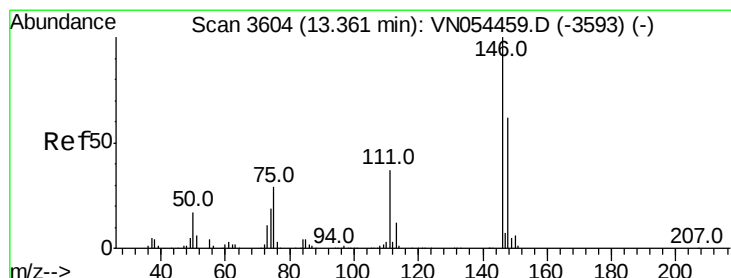
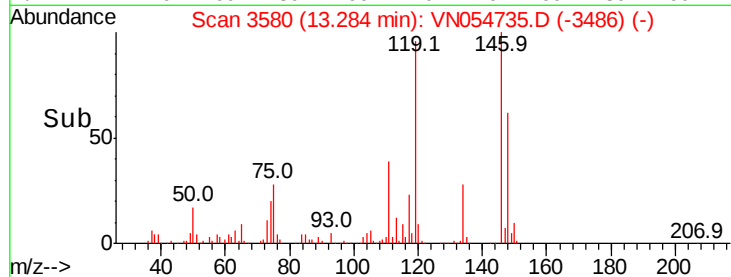
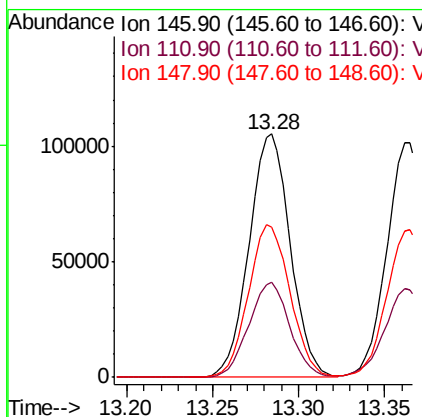
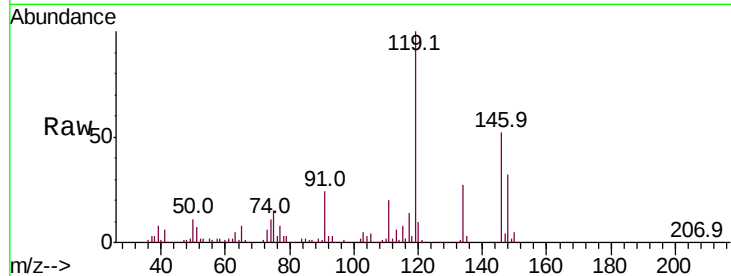
Instrument :  
MSVOA\_N

ClientSampleId :  
VN0328WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 174891 |       |       |
| 111     | 38.8  | 18.8   | 56.3  |       |
| 148     | 63.4  | 32.2   | 96.6  |       |

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#88

1,4-Dichlorobenzene

Concen: 19.469 ug/l

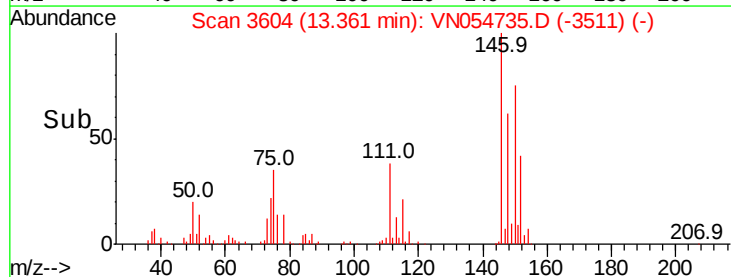
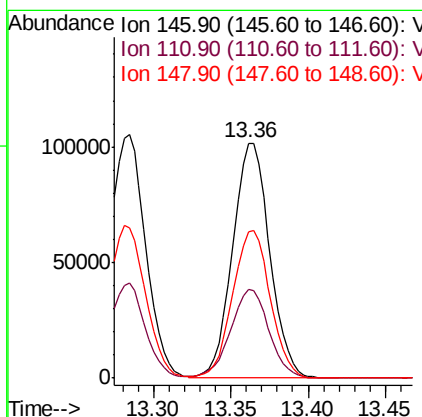
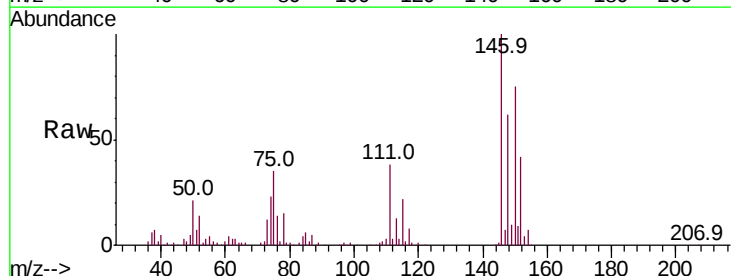
RT: 13.36 min Scan# 3604

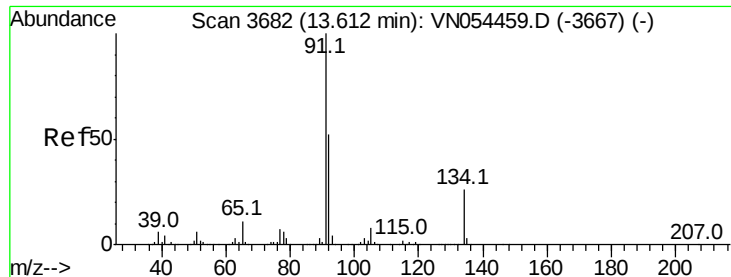
Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 169466 |       |       |
| 111     | 39.3  | 18.1   | 54.1  |       |
| 148     | 63.8  | 32.0   | 96.0  |       |





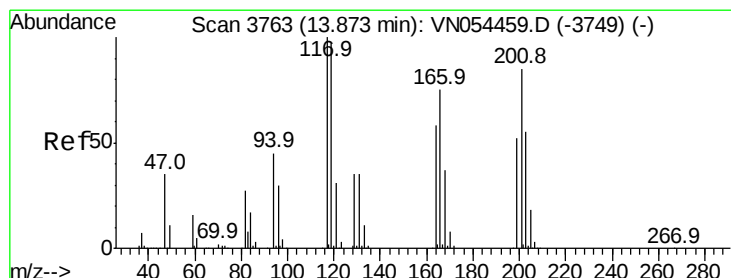
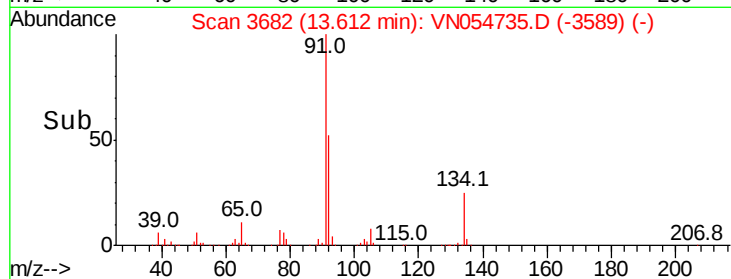
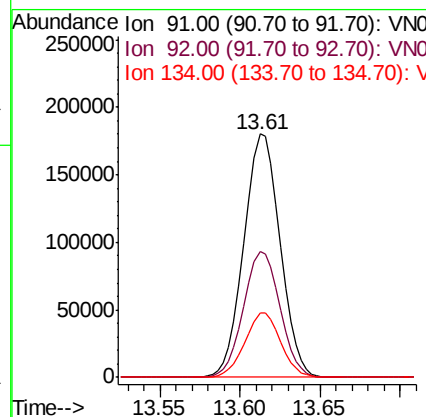
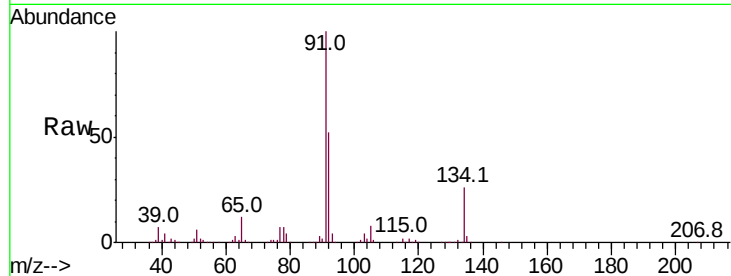
#89  
n-Butylbenzene  
Concen: 20.557 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.0  | 26.2  | 78.6  |
| 134     | 26.2  | 14.3  | 42.9  |

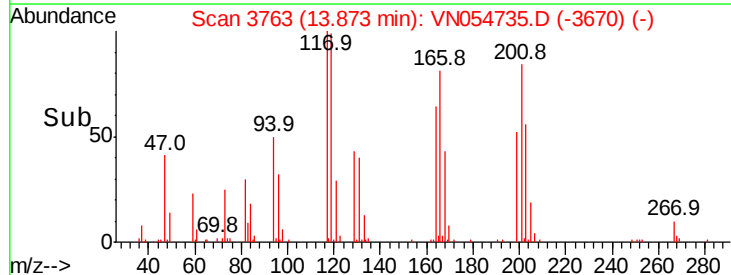
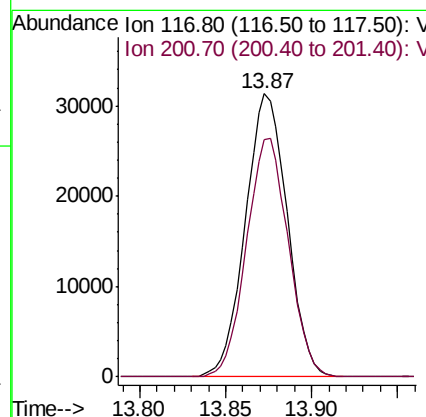
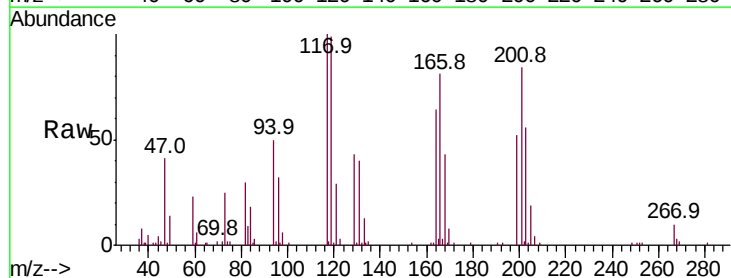
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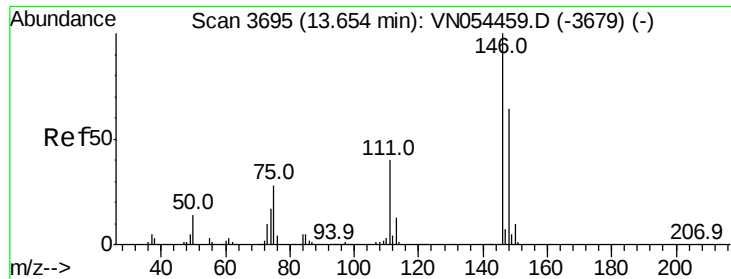
MMDadoda  
3/29/2019 9:49:28 AM



#90  
Hexachloroethane  
Concen: 19.686 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. -0.00 min  
Lab File: VN054735.D  
Acq: 28 Mar 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 84.0  | 48.1  | 144.4 |





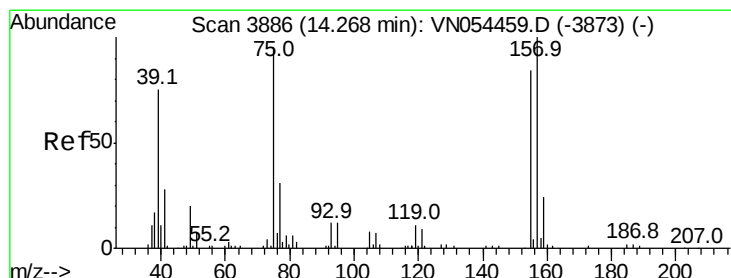
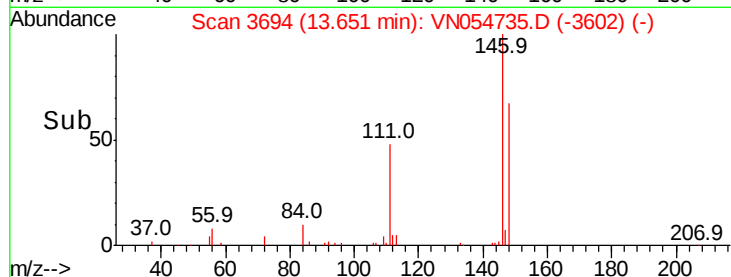
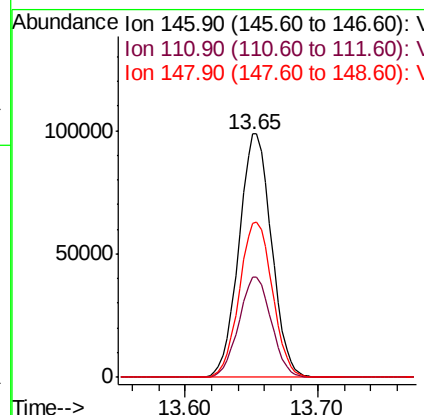
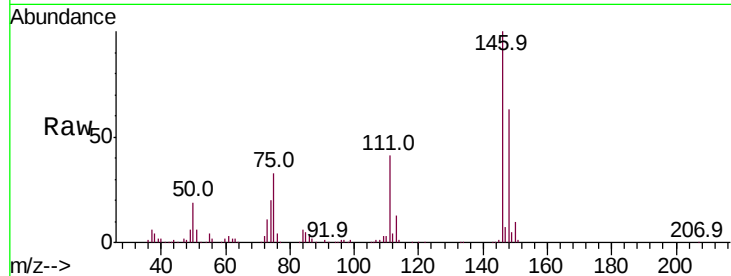
#91  
 1,2-Dichlorobenzene  
 Concen: 19.448 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. -0.00 min  
 Lab File: VN054735.D  
 Acq: 28 Mar 2019 11:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 19.1  | 57.3  |
| 148     | 64.7  | 32.4  | 97.0  |

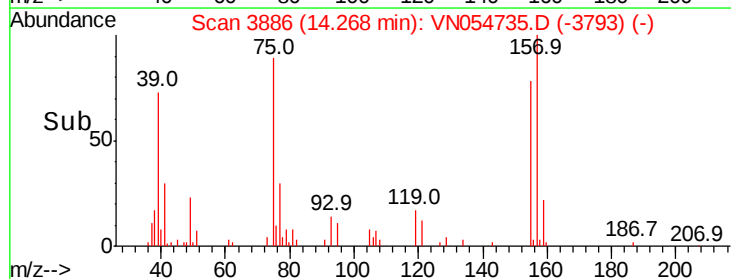
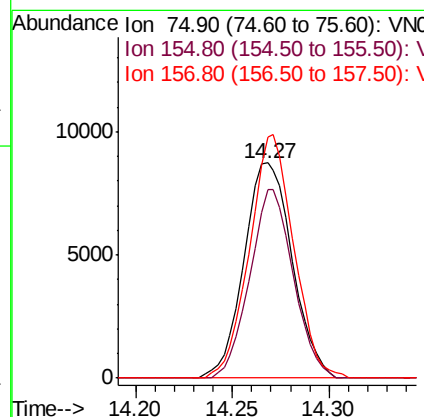
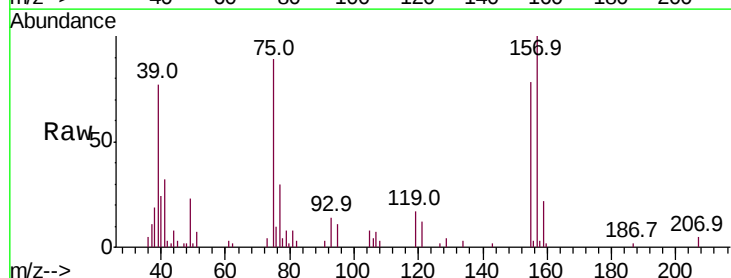
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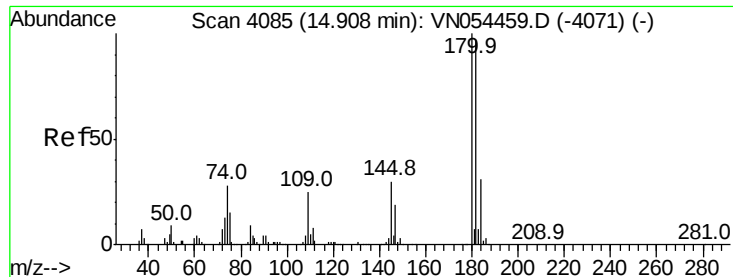
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.818 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. -0.00 min  
 Lab File: VN054735.D  
 Acq: 28 Mar 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 79.2  | 50.1  | 150.3 |
| 157     | 103.8 | 63.1  | 189.3 |





#93

1,2,4-Trichlorobenzene

Concen: 18.179 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

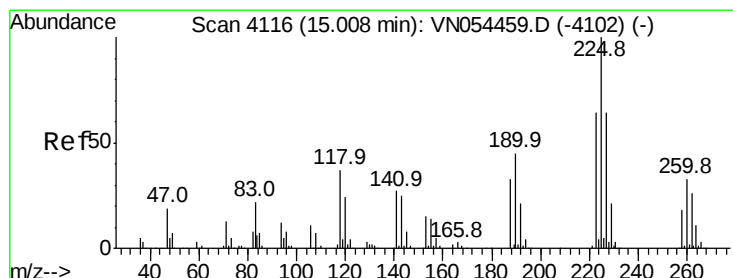
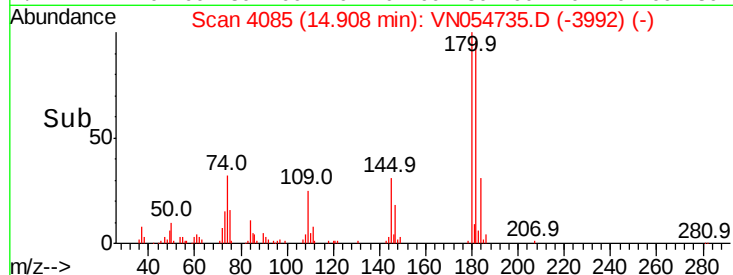
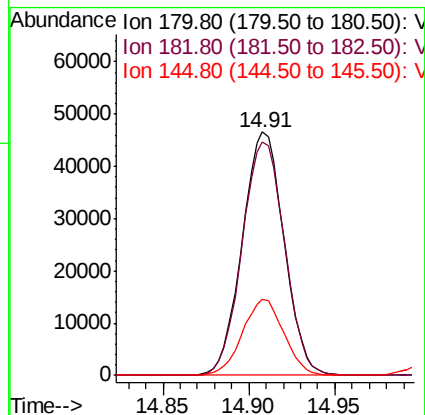
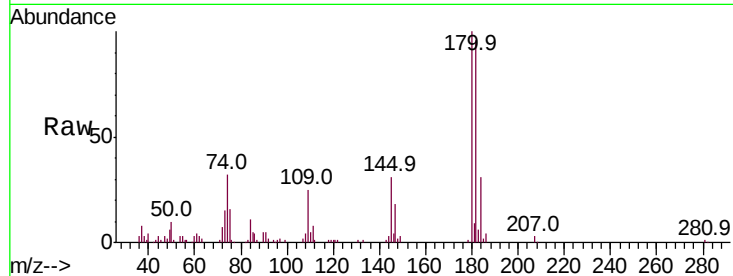
ClientSampleId :

VN0328WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 180   | Resp: | 78530 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 97.3  | 48.0  | 144.2 |
| 145       | 30.8  | 14.2  | 42.8  |

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#94

Hexachlorobutadiene

Concen: 22.949 ug/l

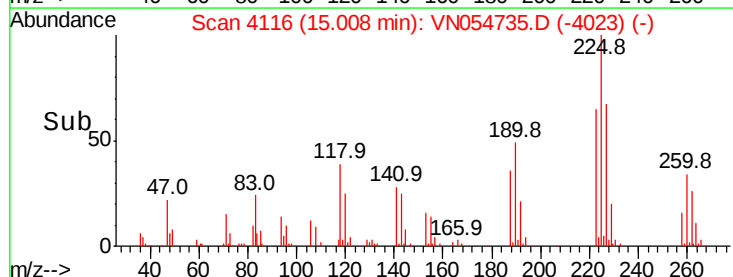
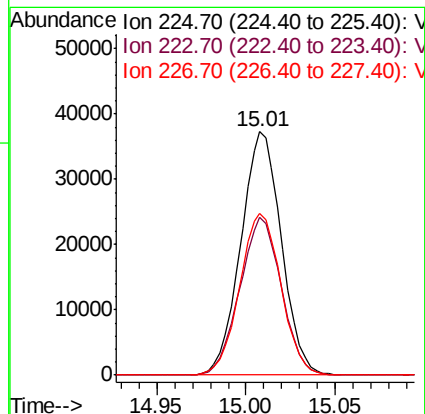
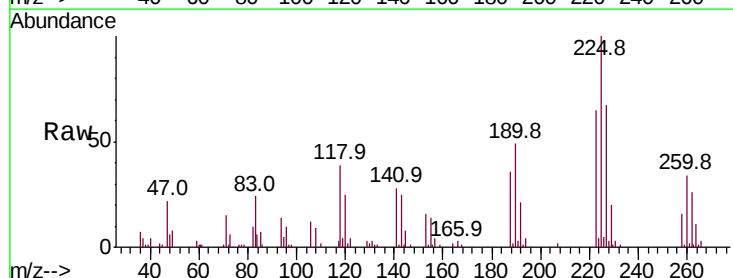
RT: 15.01 min Scan# 4116

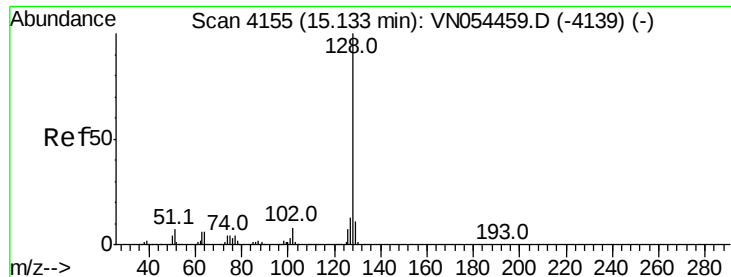
Delta R.T. 0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 58953 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 66.1  | 31.1  | 93.5  |
| 227       | 67.7  | 31.9  | 95.9  |





#95

Naphthalene

Concen: 17.843 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

Instrument :

MSVOA\_N

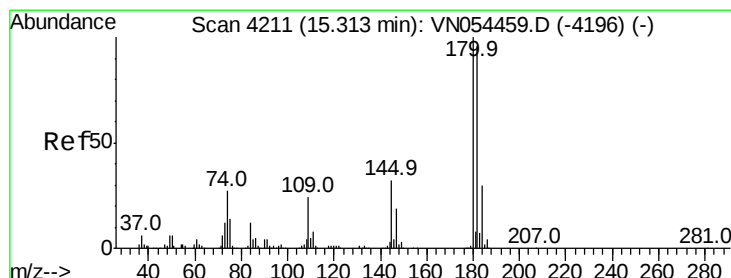
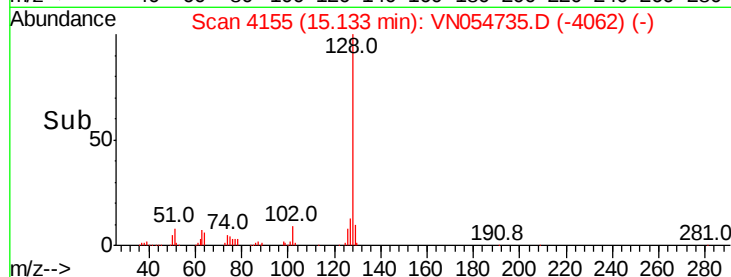
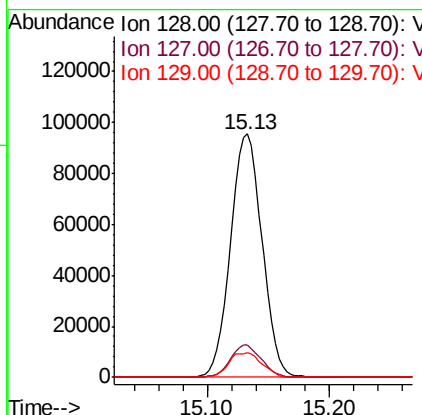
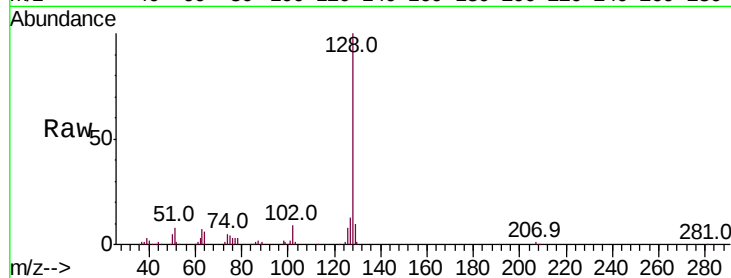
ClientSampleId :

VN0328WBS01

| Tot Ion   | 128   | Resp  | 171925 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.1  | 10.1  | 15.1   |
| 129       | 10.8  | 8.7   | 13.1   |

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#96

1,2,3-Trichlorobenzene

Concen: 18.394 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN054735.D

Acq: 28 Mar 2019 11:09

| Tgt Ion   | 180   | Resp  | 79082 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.6  | 47.5  | 142.6 |
| 145       | 32.1  | 14.8  | 44.3  |

