

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021919\  
 Data File : VN053858.D  
 Acq On : 19 Feb 2019 10:14  
 Operator : JC/SP  
 Sample : VN0219WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0219WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 2/20/2019 10:14:53 AM

Quant Time: Feb 20 03:29:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N013019W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 01 09:11:52 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 668981   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 983327   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 851742   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 405538   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.02  | 65   | 326657   | 48.67 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.34%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 319876   | 51.48 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.96% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1151285  | 49.35 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.70%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 384666   | 49.44 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.88%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 122455   | 16.465  | ug/l   | 99     |
| 3) Chloromethane              | 2.06 | 50   | 131258   | 16.527  | ug/l   | 100    |
| 4) Vinyl Chloride             | 2.19 | 62   | 141941   | 18.411  | ug/l   | 100    |
| 5) Bromomethane               | 2.57 | 94   | 101514   | 20.138  | ug/l   | 98     |
| 6) Chloroethane               | 2.71 | 64   | 89965    | 20.420  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.02 | 101  | 204308   | 19.542  | ug/l   | 97     |
| 8) Diethyl Ether              | 3.41 | 74   | 67868    | 17.775  | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101  | 124575   | 19.266  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.95 | 142  | 165153   | 16.273  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.77 | 59   | 38538    | 97.028  | ug/l # | 72     |
| 12) 1,1-Dichloroethene        | 3.74 | 96   | 108090   | 17.448  | ug/l   | 98     |
| 13) Acrolein                  | 3.61 | 56   | 16009    | 74.030  | ug/l   | 96     |
| 14) Allyl chloride            | 4.33 | 41   | 170422   | 17.278  | ug/l   | 97     |
| 15) Acrylonitrile             | 4.99 | 53   | 198588   | 92.617  | ug/l   | 99     |
| 16) Acetone                   | 3.81 | 43   | 177257   | 102.971 | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.06 | 76   | 287099   | 14.884  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.32 | 43   | 107789   | 21.143  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.04 | 73   | 300432   | 19.130  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.55 | 84   | 128897   | 17.848  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 117346   | 17.558  | ug/l   | 96     |
| 22) Diisopropyl ether         | 5.95 | 45   | 342913   | 18.762  | ug/l   | 98     |
| 23) Vinyl Acetate             | 5.89 | 43   | 1102259  | 87.180  | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 222758   | 18.273  | ug/l   | 99     |
| 25) 2-Butanone                | 6.83 | 43   | 235523   | 95.931  | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 176991   | 19.020  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 144067   | 19.385  | ug/l   | 97     |
| 28) Bromochloromethane        | 7.19 | 49   | 99421    | 18.794  | ug/l   | 93     |
| 29) Tetrahydrofuran           | 7.21 | 42   | 147123   | 93.321  | ug/l   | 96     |
| 30) Chloroform                | 7.37 | 83   | 232788   | 19.264  | ug/l   | 99     |
| 31) Cyclohexane               | 7.65 | 56   | 198450   | 17.375  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 194807   | 19.371  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 165087   | 18.624  | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.93 | 43   | 98592    | 19.915  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 172152   | 19.279  | ug/l   | 98     |

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 Sample : VN0219WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0219WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 2/20/2019 10:14:53 AM

Quant Time: Feb 20 03:29:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N013019W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 01 09:11:52 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 9.08  | 83   | 197290   | 18.760  | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 534721   | 19.562  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.17  | 41   | 50180    | 18.136  | ug/l # | 86       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 155537   | 19.164  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.16  | 43   | 173323   | 18.129  | ug/l   | 100      |
| 44) Trichloroethene            | 8.83  | 130  | 147245   | 18.921  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 143455   | 20.519  | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 84487    | 20.046  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.40  | 83   | 179743   | 20.512  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 82108    | 17.991  | ug/l   | 92       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 25981    | 416.624 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 460618   | 98.042  | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 315578   | 19.453  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 172333   | 19.640  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 201873   | 19.415  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 121633   | 20.807  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 132735   | 19.194  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 198177   | 19.836  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 297560   | 75.166  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 300100   | 94.092  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 134430   | 20.392  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 113025   | 19.534  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 149993   | 20.543  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 354443   | 19.591  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 133669   | 21.155  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.51 | 91   | 593412   | 19.967  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 460932   | 40.636  | ug/l   | 98       |
| 69) o-Xylene                   | 11.95 | 106  | 227205   | 20.734  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 367680   | 20.701  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 93123    | 21.498  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 601593   | 21.102  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 129135   | 18.837  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 134933   | 19.777  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 129802m  | 24.919  | ug/l   |          |
| 77) Bromobenzene               | 12.53 | 156  | 158399   | 20.616  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.59 | 91   | 687187   | 20.851  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 403866   | 20.656  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 508224   | 21.498  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 34362    | 18.550  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 406157   | 20.244  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 447484   | 21.417  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 519663   | 21.576  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 621573   | 21.861  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 535687   | 21.542  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 275970   | 19.980  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 270807   | 19.821  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.62 | 91   | 444153   | 20.635  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 92044    | 22.440  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 269914   | 20.413  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 18424    | 18.947  | ug/l   | 93       |

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Acq On : 19 Feb 2019 10:14  
Operator : JC/SP  
Sample : VN0219WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

Manual Integrations  
APPROVED

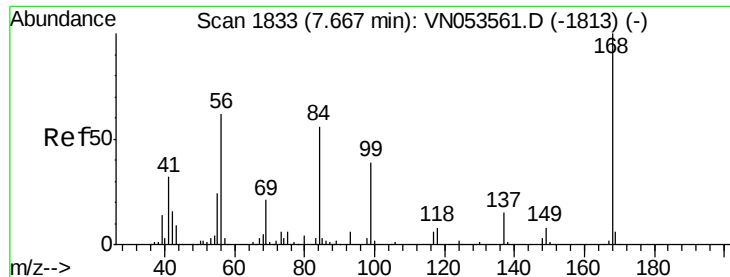
MMDadoda  
2/20/2019 10:14:53 AM

Quant Time: Feb 20 03:29:15 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N013019W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 01 09:11:52 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 138181   | 18.221 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 107002   | 22.656 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 241269   | 14.809 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 133908   | 19.030 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0219WBS01

Tot Ion:168 Resp: 668981

Ion Ratio Lower Upper

168 100

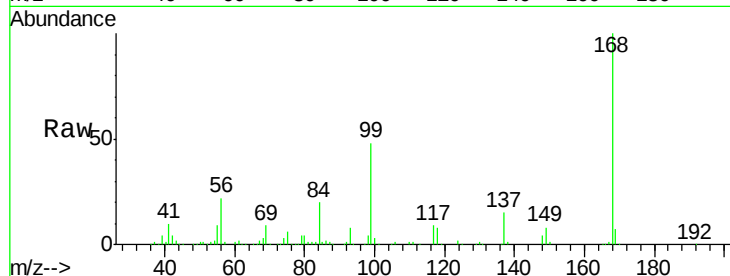
99 47.7 39.1 58.7

Manual Integrations

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2/20/2019 10:14:53 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

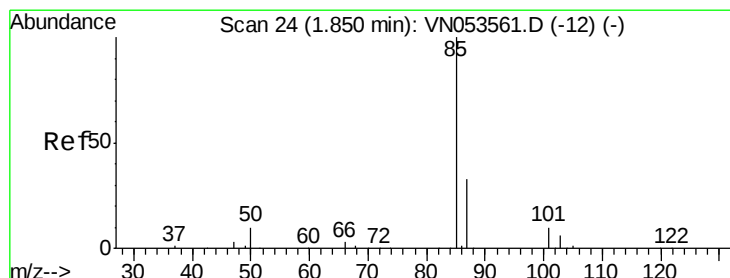
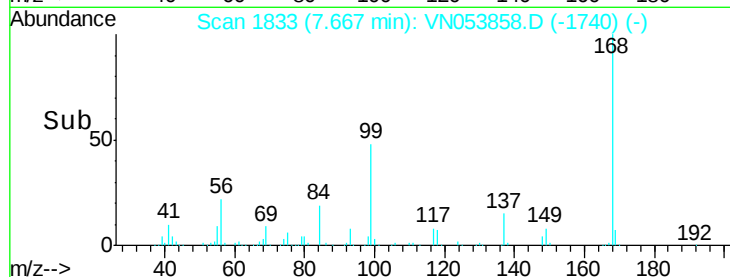
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.465 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053858.D

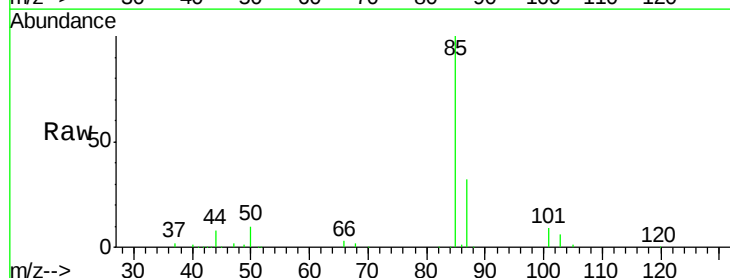
Acq: 19 Feb 2019 10:14

Tgt Ion: 85 Resp: 122455

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

100000

80000

60000

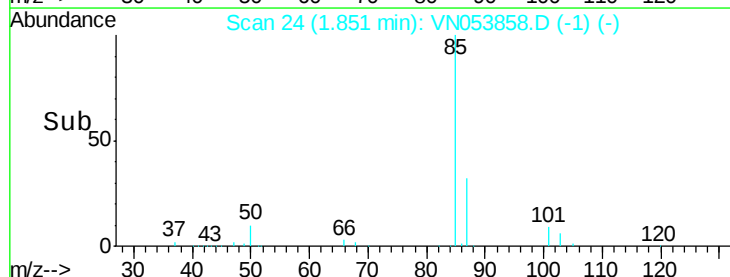
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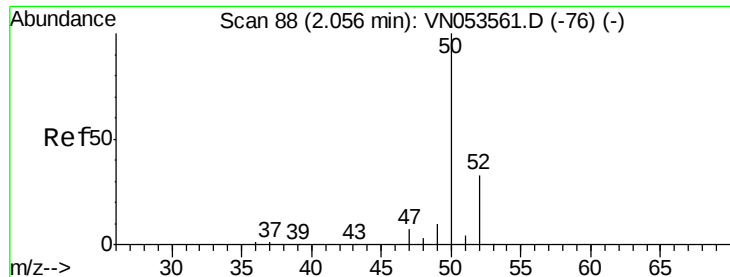
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0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 16.527 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0219WBS01

Tot Ion: 50 Resp: 131258

Ion Ratio Lower Upper

50 100

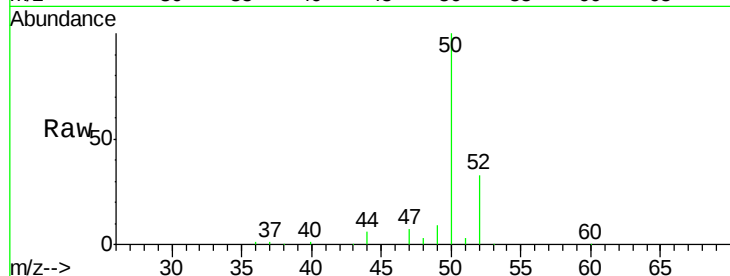
52 33.0 26.6 40.0

Manual Integrations

APPROVED

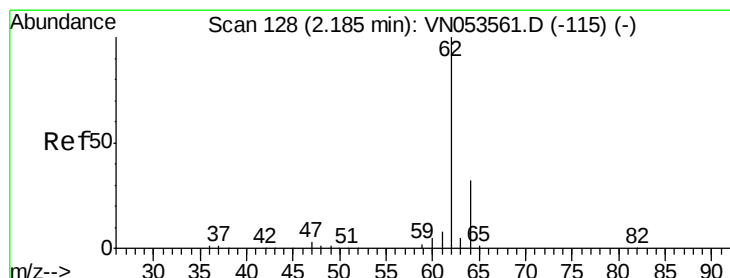
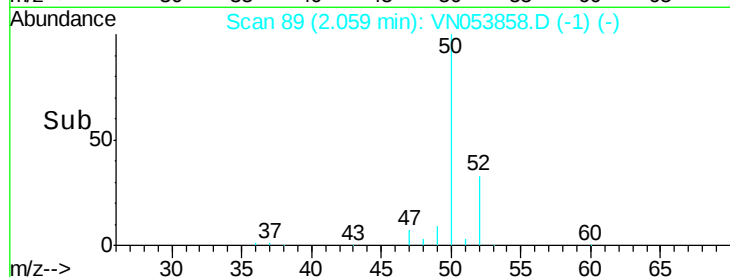
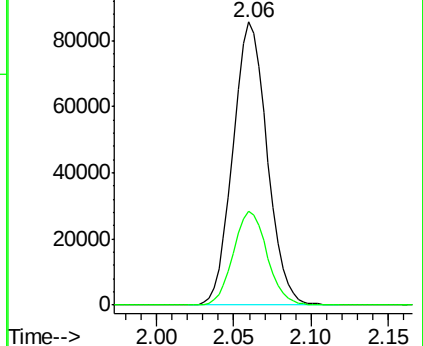
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2/20/2019 10:14:53 AM



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 18.411 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053858.D

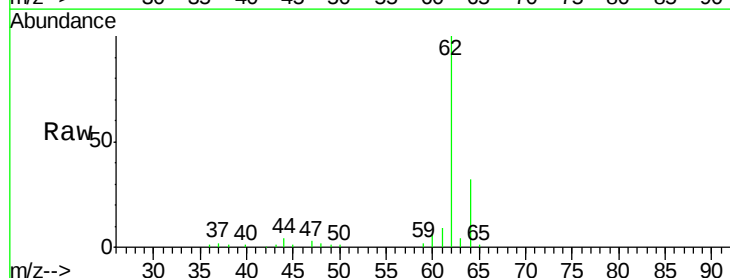
Acq: 19 Feb 2019 10:14

Tgt Ion: 62 Resp: 141941

Ion Ratio Lower Upper

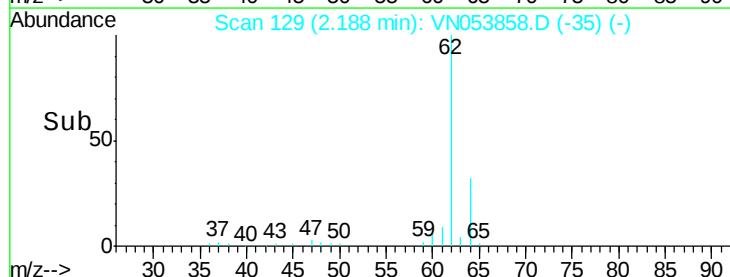
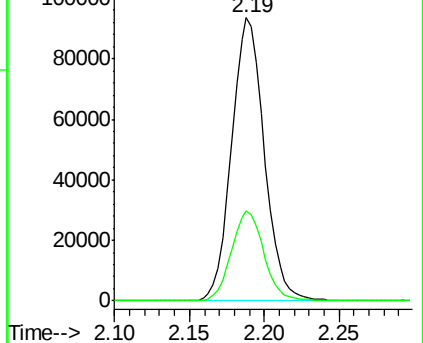
62 100

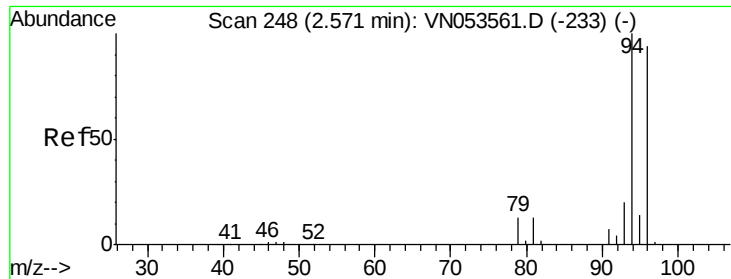
64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 20.138 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0219WBS01

Tot Ion: 94 Resp: 101514

Ion Ratio Lower Upper

94 100

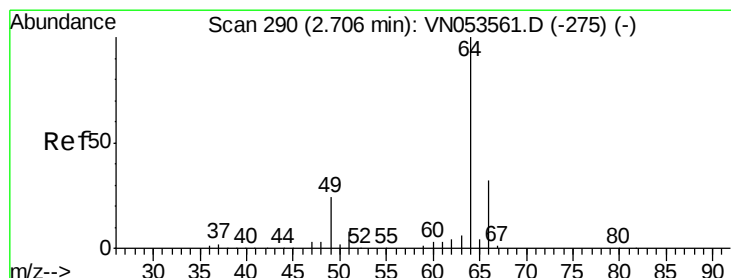
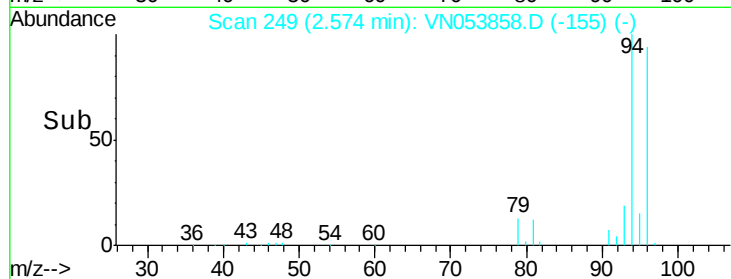
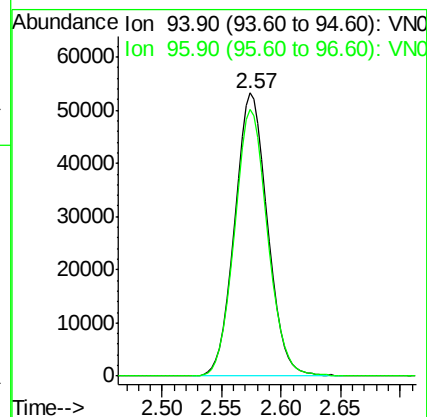
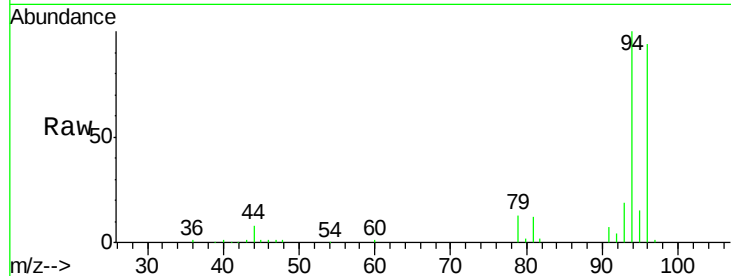
96 94.5 76.8 115.2

Manual Integrations

APPROVED

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2/20/2019 10:14:53 AM



#6

Chloroethane

Concen: 20.420 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053858.D

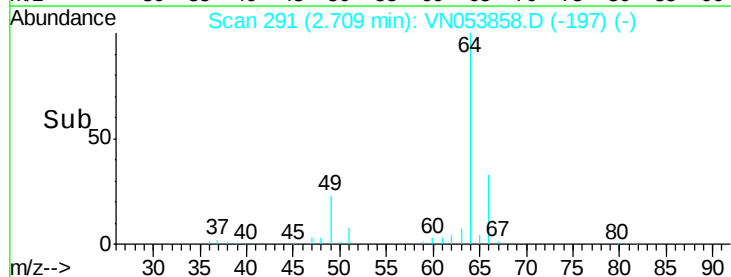
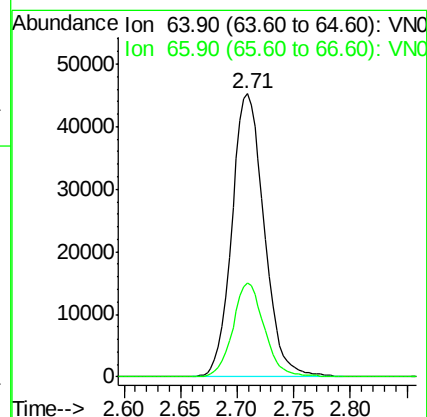
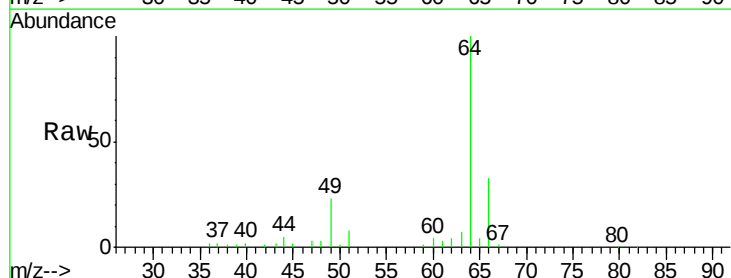
Acq: 19 Feb 2019 10:14

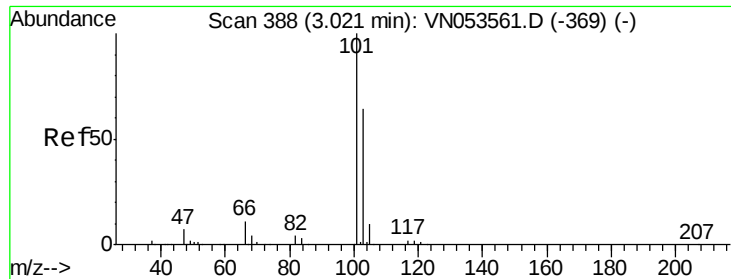
Tgt Ion: 64 Resp: 89965

Ion Ratio Lower Upper

64 100

66 33.2 25.1 37.7





#7

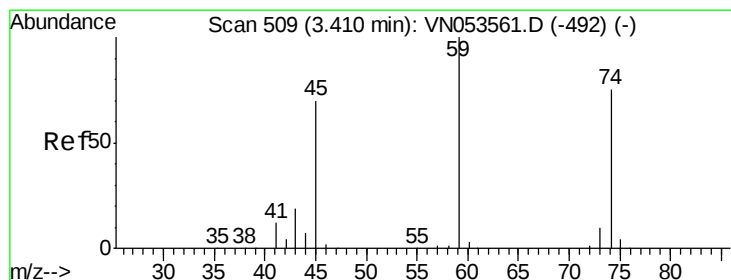
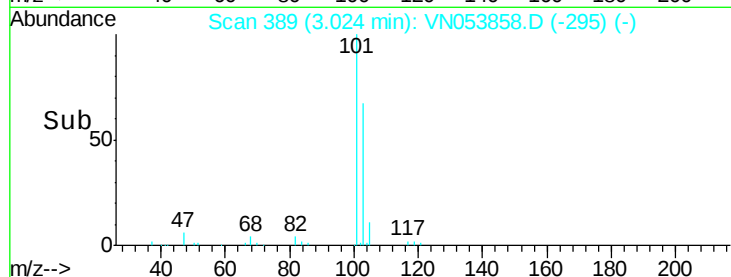
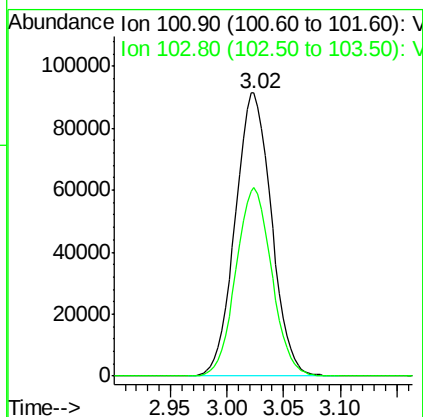
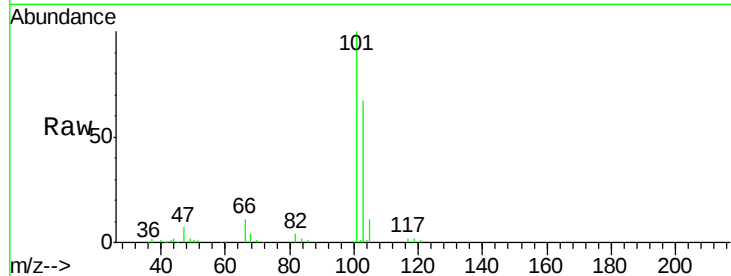
Trichlorofluoromethane  
Concen: 19.542 ug/l  
RT: 3.02 min Scan# 389  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.6  | 51.6  | 77.4  |

Manual Integrations  
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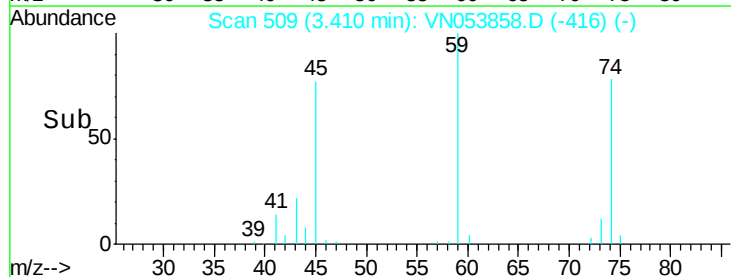
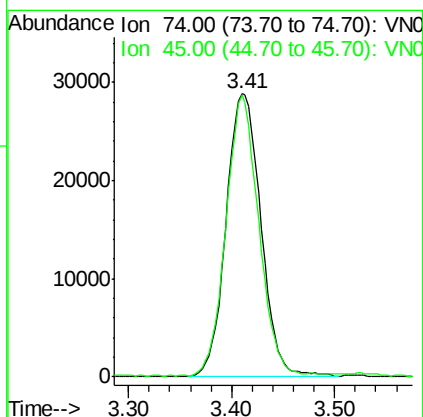
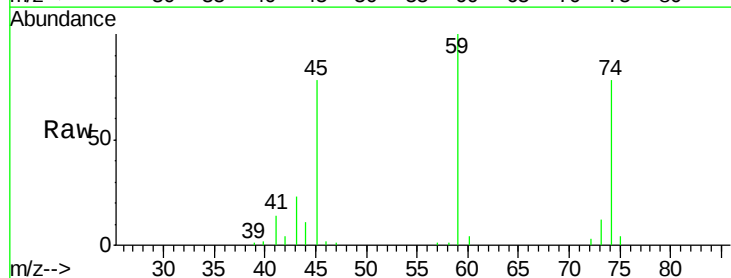
MMDadoda  
2/20/2019 10:14:53 AM

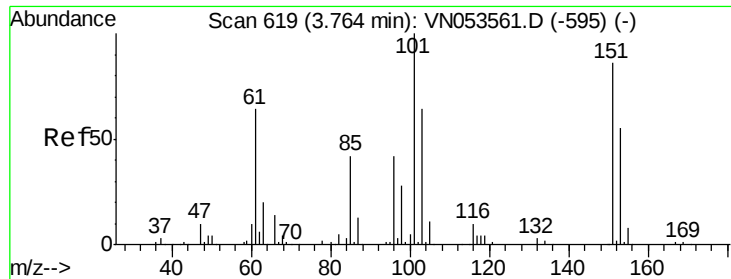


#8

Diethyl Ether  
Concen: 17.775 ug/l  
RT: 3.41 min Scan# 509  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.1  | 47.9  | 143.7 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.266 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

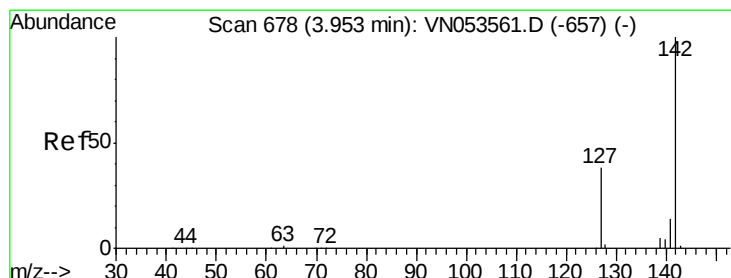
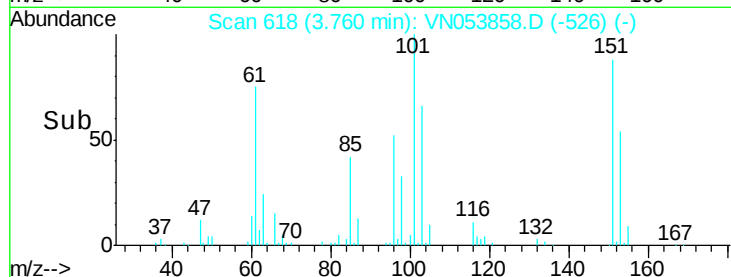
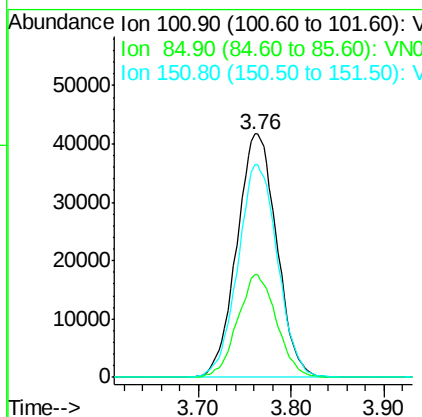
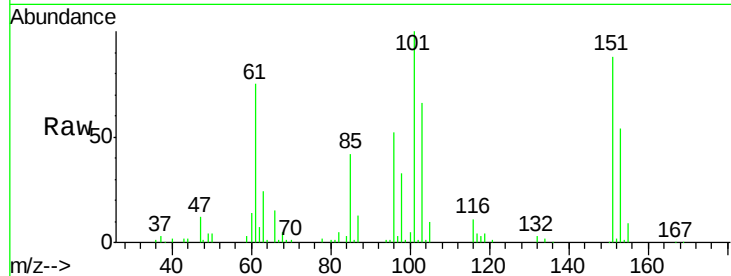
ClientSampleId :

VN0219WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 124575 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 41.2  | 32.8  | 49.2   |
| 151       | 87.1  | 66.9  | 100.3  |

Manual Integrations  
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2/20/2019 10:14:53 AM



#10

Methyl Iodide

Concen: 16.273 ug/l

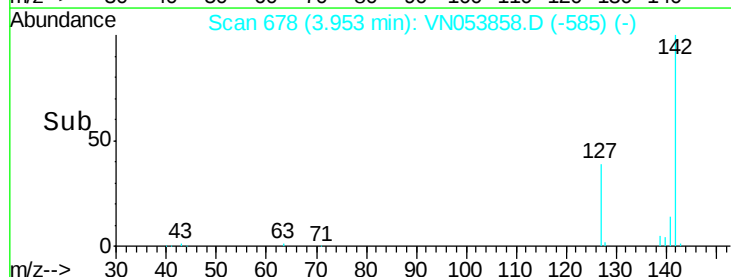
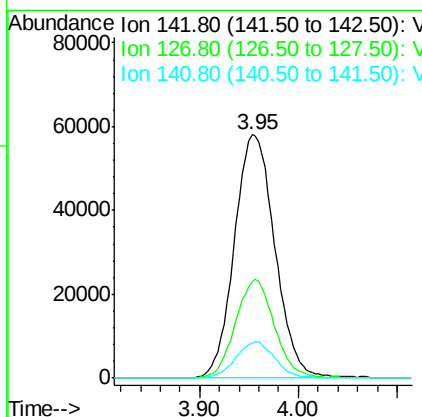
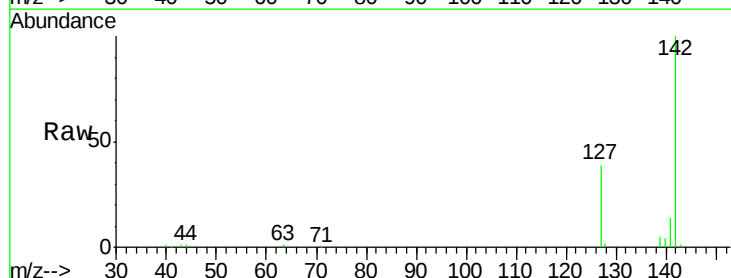
RT: 3.95 min Scan# 678

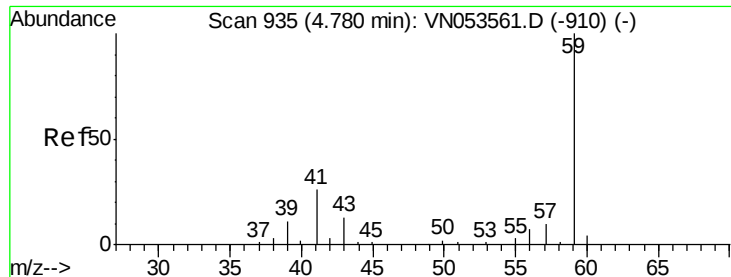
Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 165153 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 39.0  | 31.0  | 46.4   |
| 141       | 14.4  | 11.1  | 16.7   |





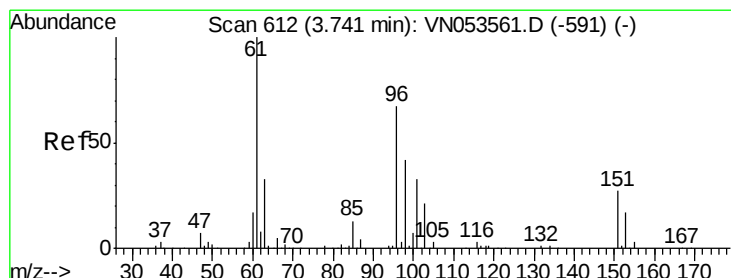
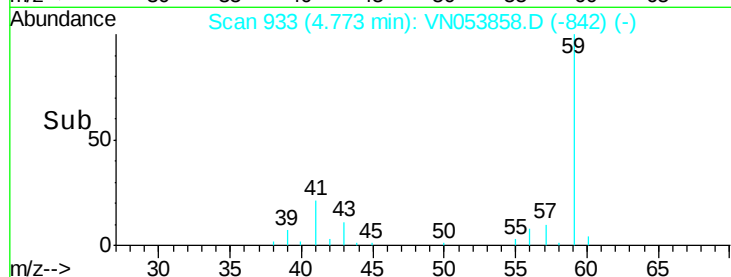
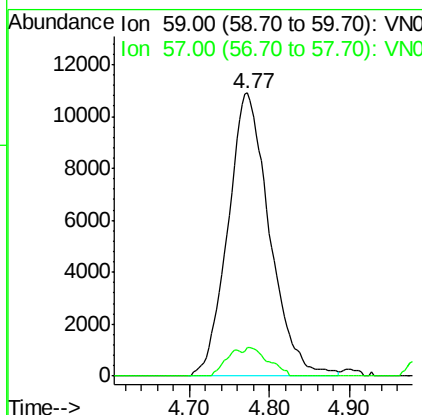
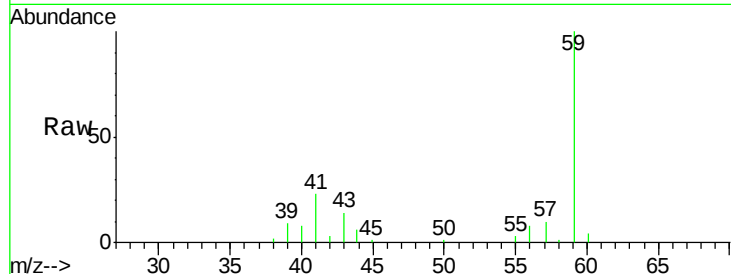
#11  
Tert butyl alcohol  
Concen: 97.028 ug/l  
RT: 4.77 min Scan# 933  
Delta R.T. -0.01 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

Tot Ion: 59 Resp: 38538  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#

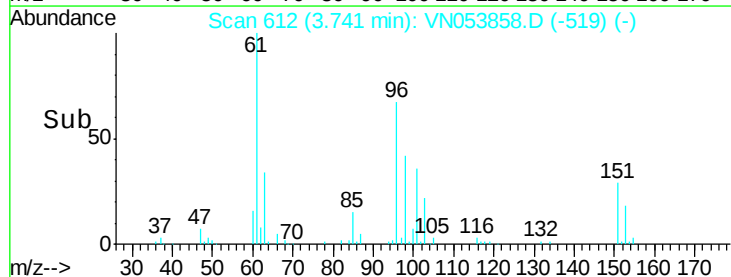
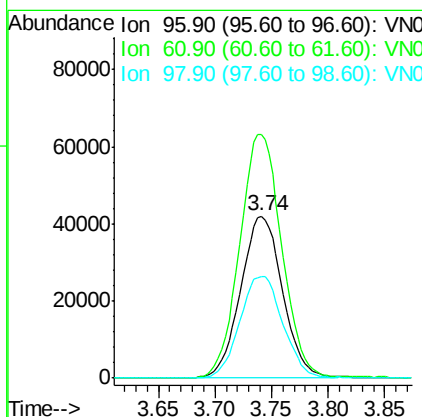
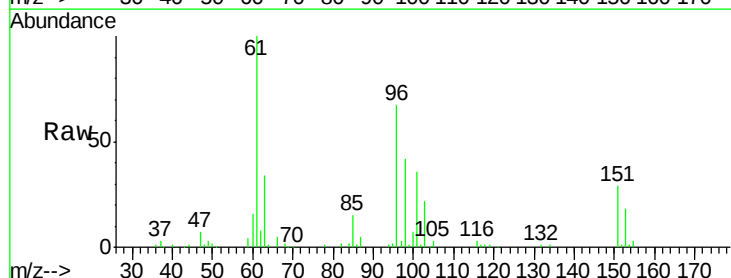
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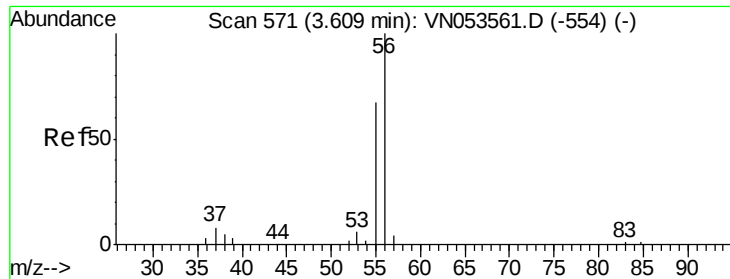
MMDadoda  
2/20/2019 10:14:53 AM



#12  
1,1-Dichloroethene  
Concen: 17.448 ug/l  
RT: 3.74 min Scan# 612  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Tgt Ion: 96 Resp: 108090  
Ion Ratio Lower Upper  
96 100  
61 150.2 122.9 184.3  
98 62.9 49.4 74.0





#13

Acrolein

Concen: 74.030 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0219WBS01

Tot Ion: 56 Resp: 16009

Ion Ratio Lower Upper

56 100

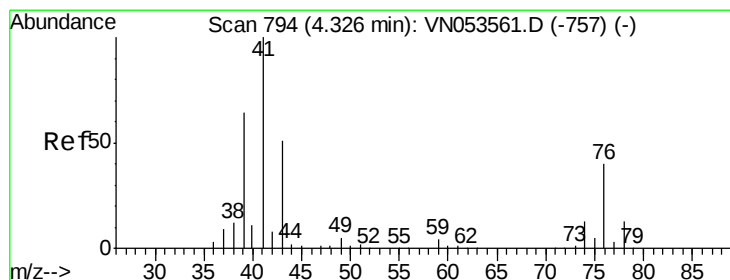
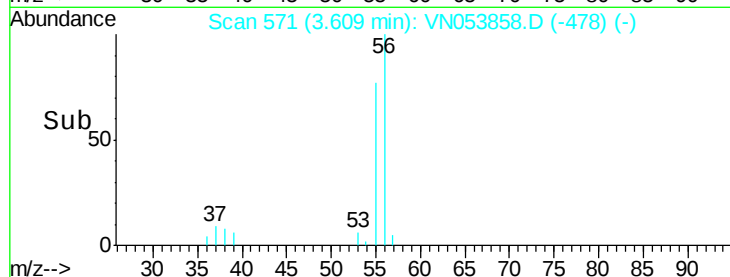
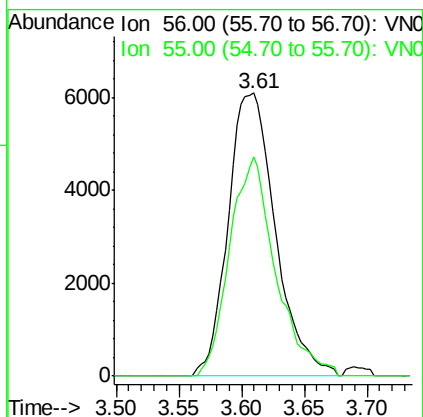
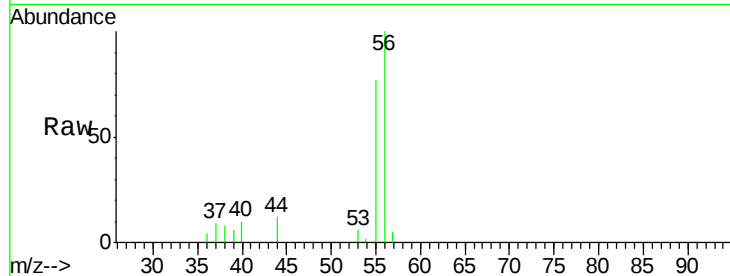
55 75.3 57.4 86.0

Manual Integrations

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MMDadoda

2/20/2019 10:14:53 AM



#14

Allyl chloride

Concen: 17.278 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

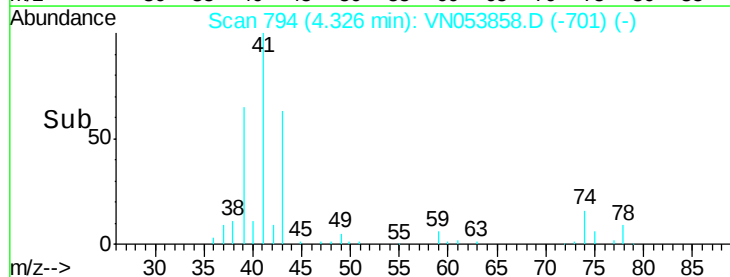
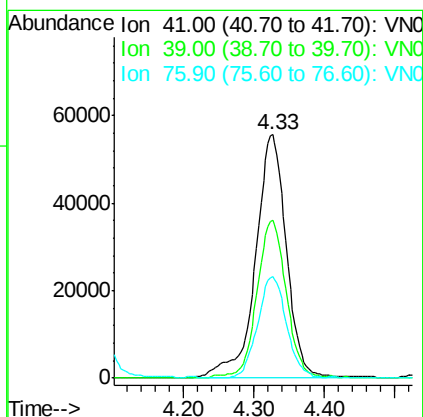
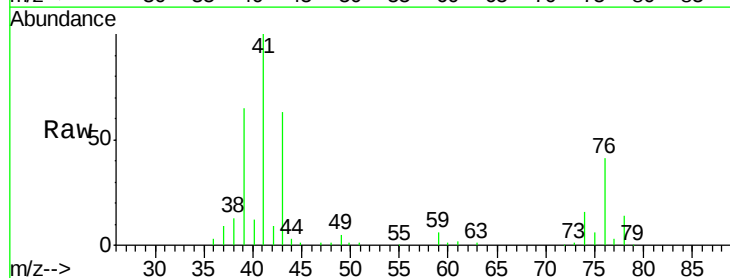
Tgt Ion: 41 Resp: 170422

Ion Ratio Lower Upper

41 100

39 59.3 48.9 73.3

76 39.1 29.4 44.2





#15

Acrylonitrile

Concen: 92.617 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

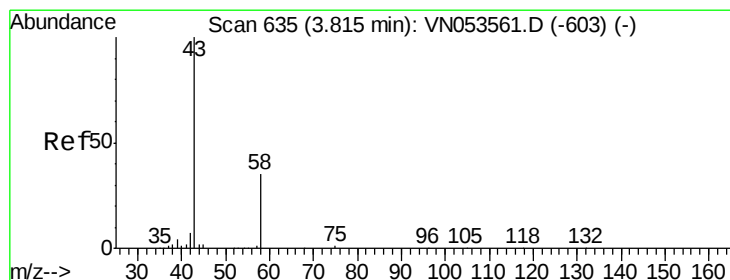
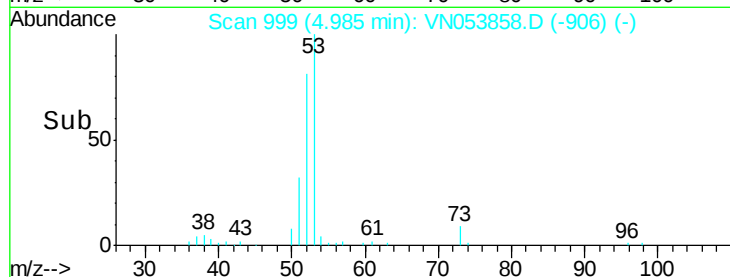
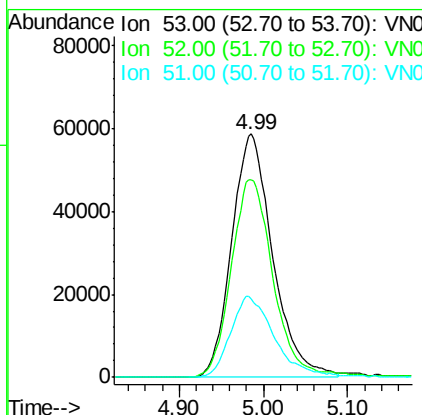
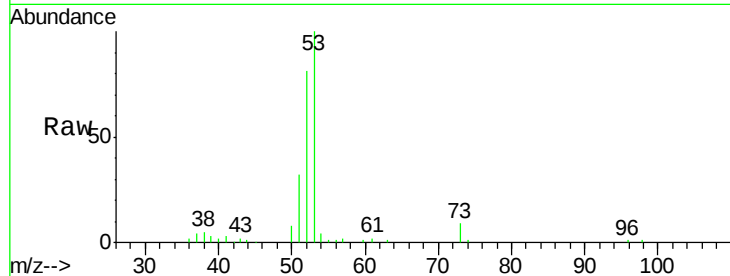
ClientSampleId :

VN0219WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 198588 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.4  | 66.0  | 99.0   |
| 51        | 35.5  | 28.3  | 42.5   |

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2/20/2019 10:14:53 AM



#16

Acetone

Concen: 102.971 ug/l

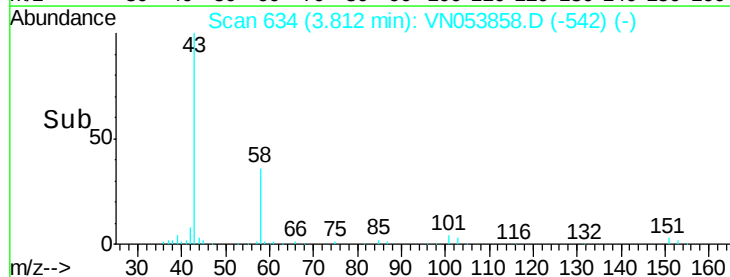
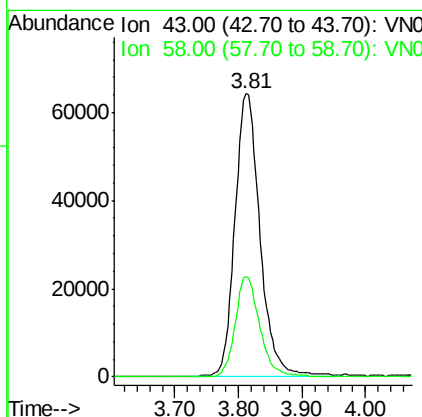
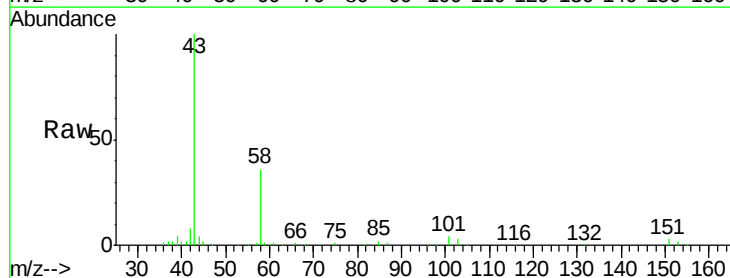
RT: 3.81 min Scan# 634

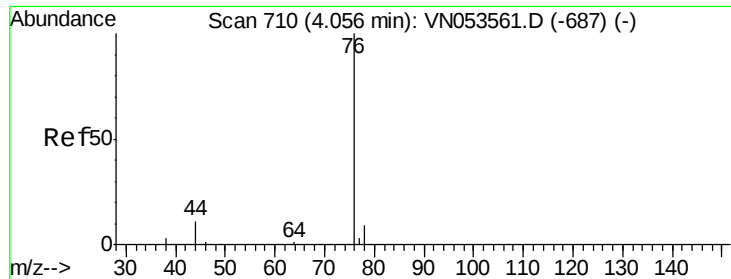
Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 177257 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 35.6  | 27.1  | 40.7   |





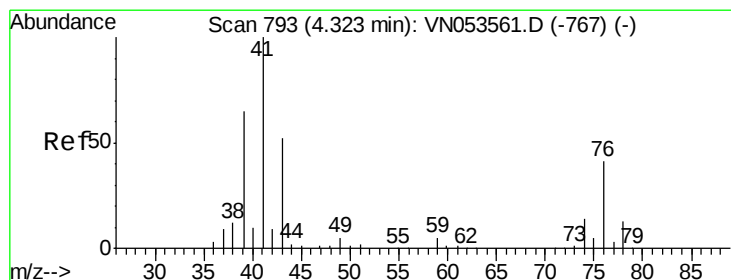
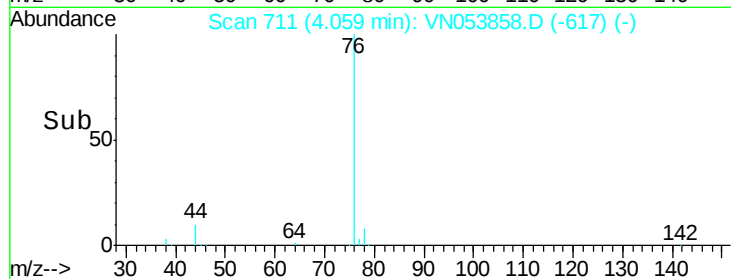
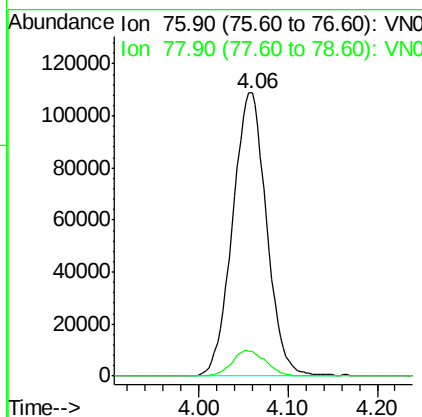
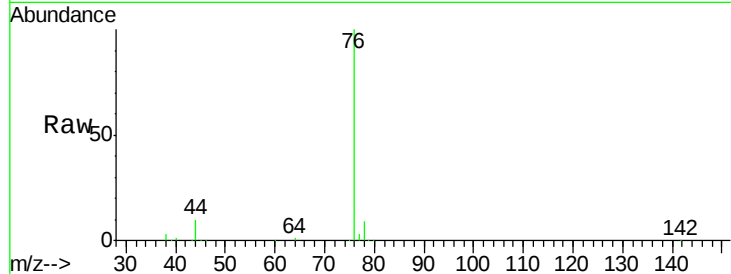
#17  
Carbon Disulfide  
Concen: 14.884 ug/l  
RT: 4.06 min Scan# 711  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

| Tot Ion   | 76    | Resp  | 287099 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 76        | 100   |       |        |
| 78        | 8.6   | 7.3   | 10.9   |

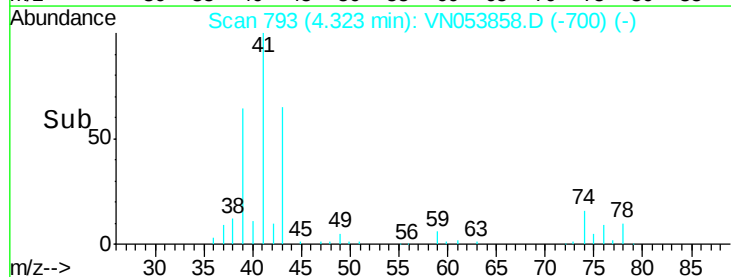
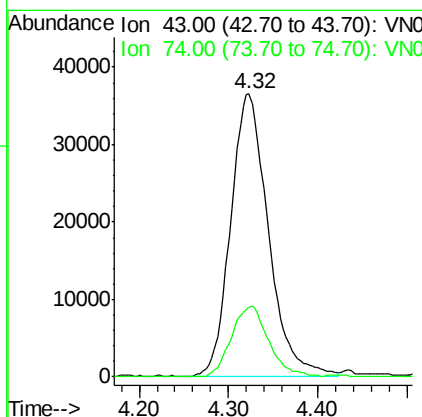
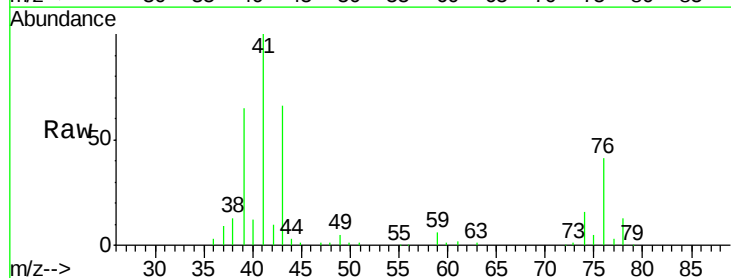
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2/20/2019 10:14:53 AM



#18  
Methyl Acetate  
Concen: 21.143 ug/l  
RT: 4.32 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

| Tgt Ion   | 43    | Resp  | 107789 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 74        | 24.6  | 19.4  | 29.2   |





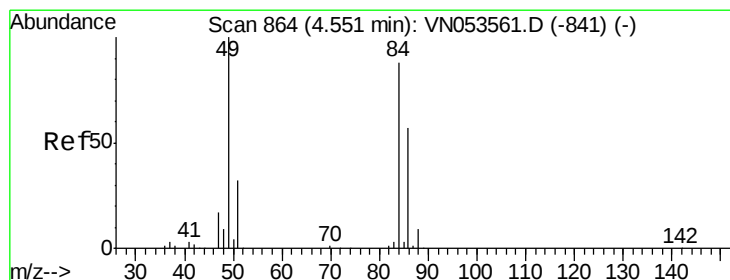
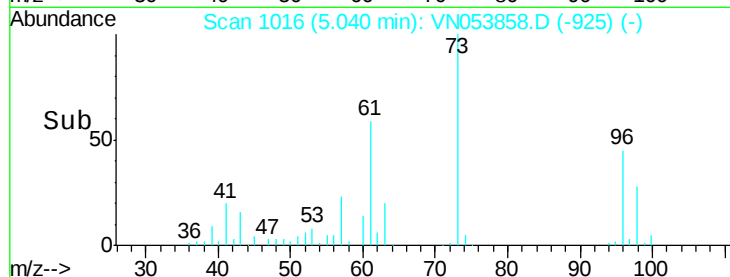
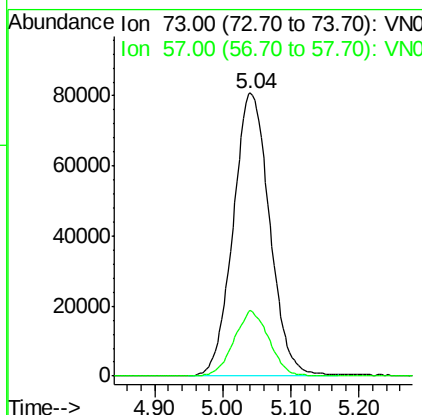
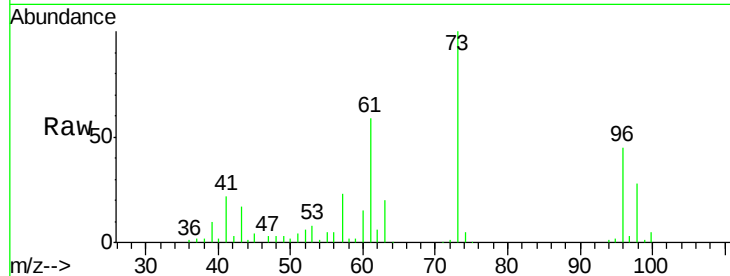
#19  
Methvl tert-butvl Ether  
Concen: 19.130 ug/l  
RT: 5.04 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

Tot Ion: 73 Resp: 300432  
Ion Ratio Lower Upper  
73 100  
57 23.4 18.3 27.5

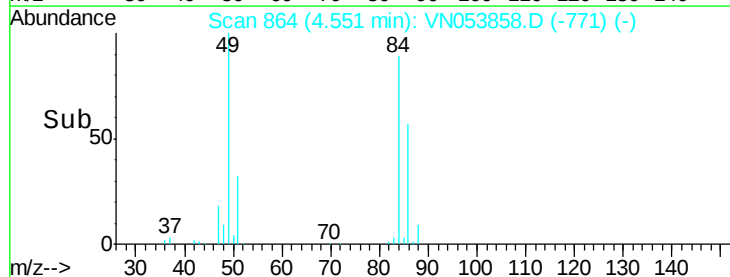
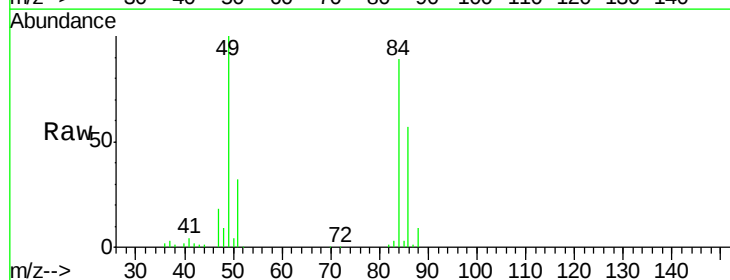
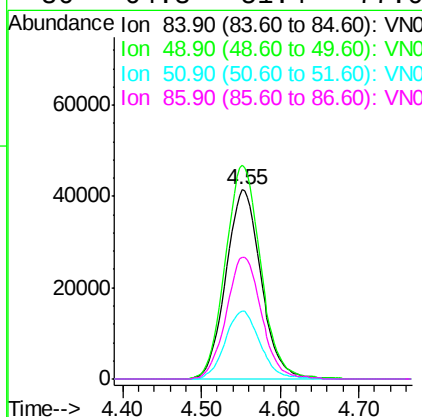
Manual Integrations  
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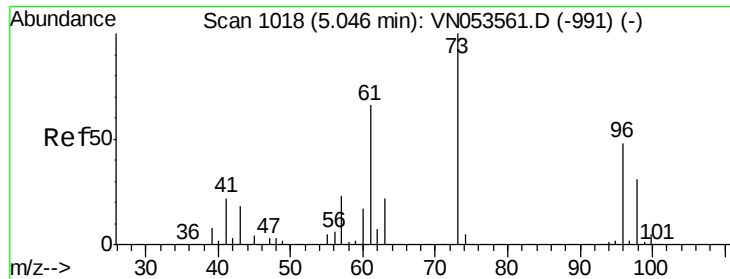
MMDadoda  
2/20/2019 10:14:53 AM



#20  
Methylene Chloride  
Concen: 17.848 ug/l  
RT: 4.55 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Tgt Ion: 84 Resp: 128897  
Ion Ratio Lower Upper  
84 100  
49 112.8 94.3 141.5  
51 36.1 29.4 44.2  
86 64.3 51.4 77.0





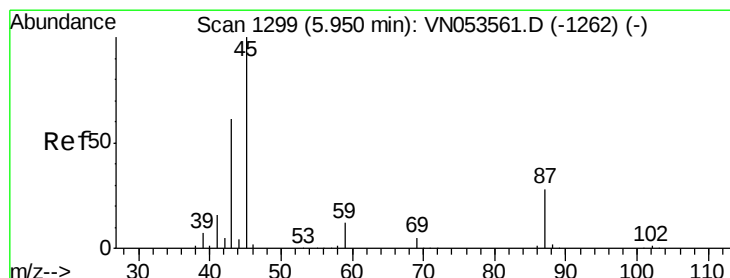
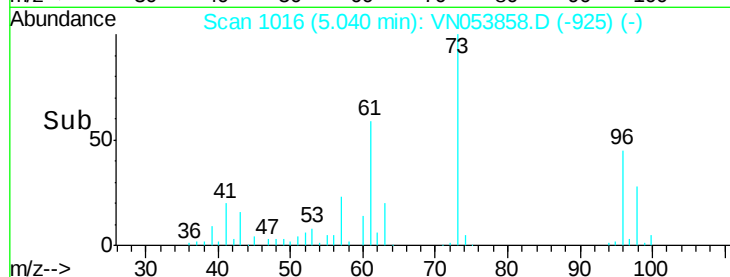
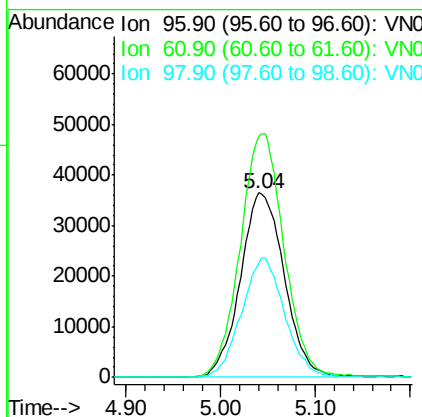
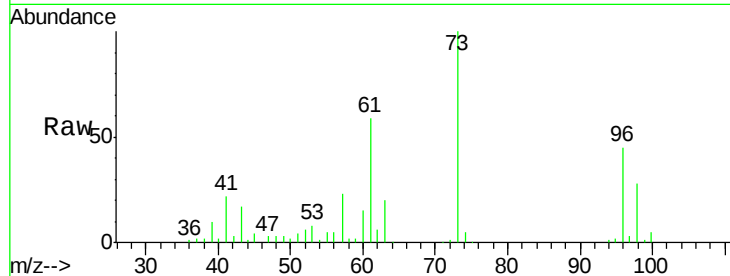
#21  
trans-1,2-Dichloroethene  
Concen: 17.558 ug/l  
RT: 5.04 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 131.0 | 110.1 | 165.1 |
| 98      | 62.3  | 50.0  | 75.0  |

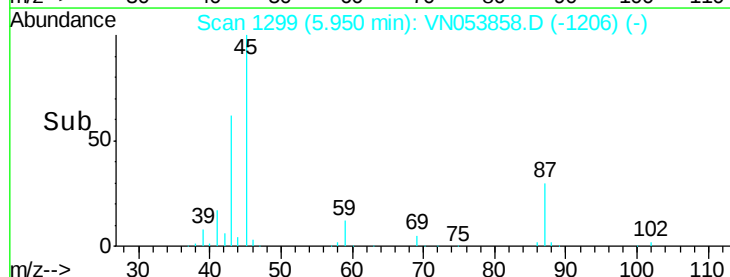
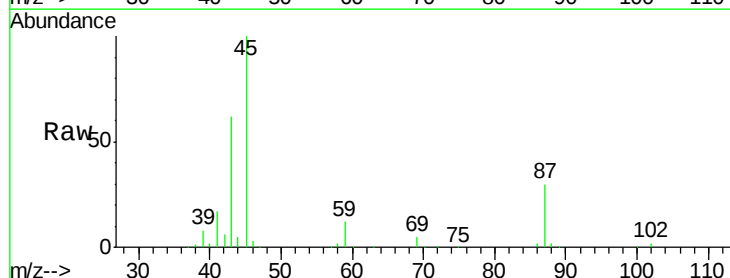
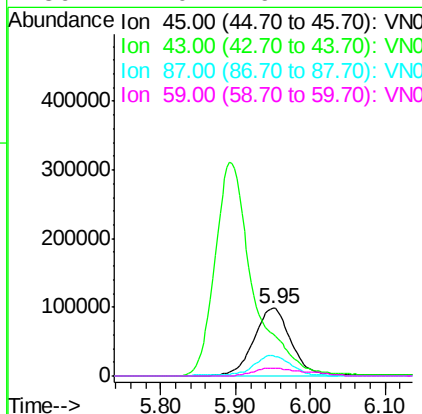
Manual Integrations  
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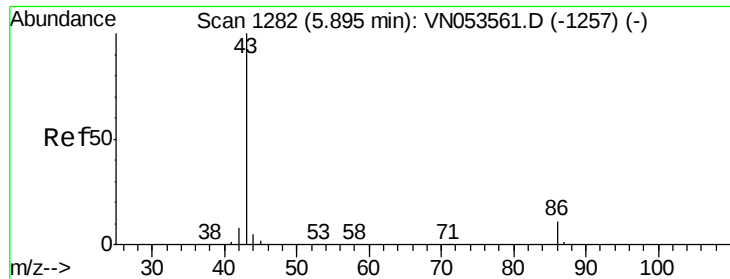
MMDadoda  
2/20/2019 10:14:53 AM



#22  
Diisopropyl ether  
Concen: 18.762 ug/l  
RT: 5.95 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 57.9  | 44.2  | 66.4  |
| 87      | 28.9  | 22.7  | 34.1  |
| 59      | 12.0  | 9.4   | 14.2  |





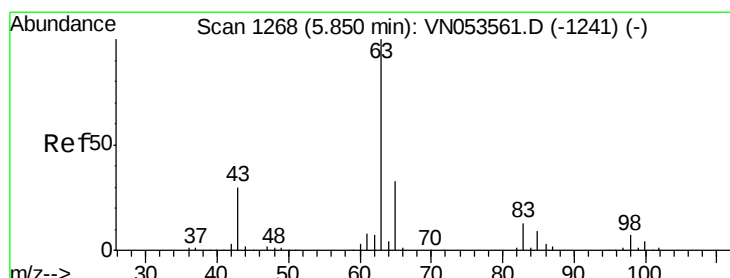
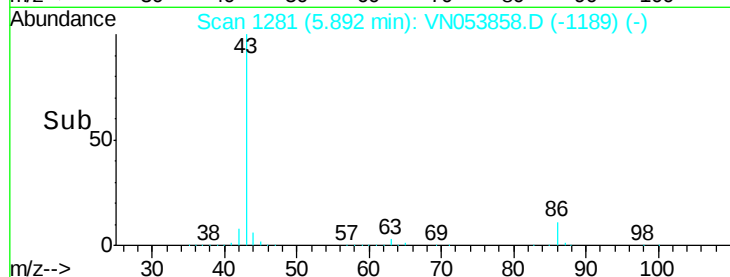
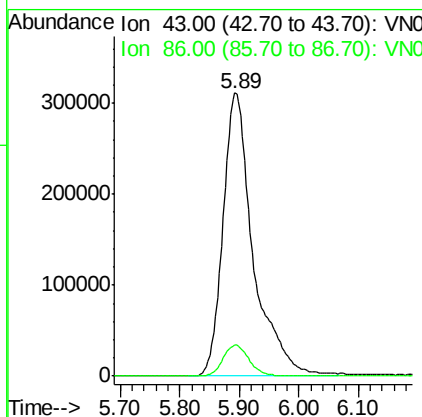
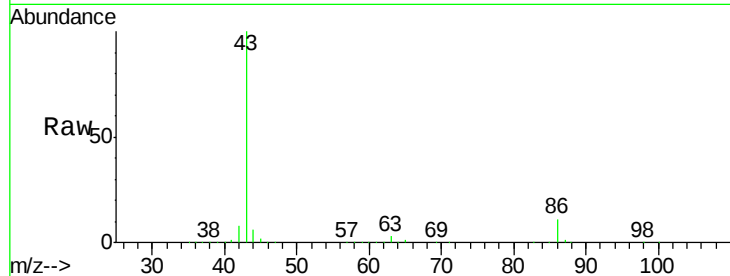
#23  
 Vinyl Acetate  
 Concen: 87.180 ug/l  
 RT: 5.89 min Scan# 1281  
 Delta R.T. -0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0219WBS01

Tot Ion: 43 Resp: 1102259  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 8.4 12.6

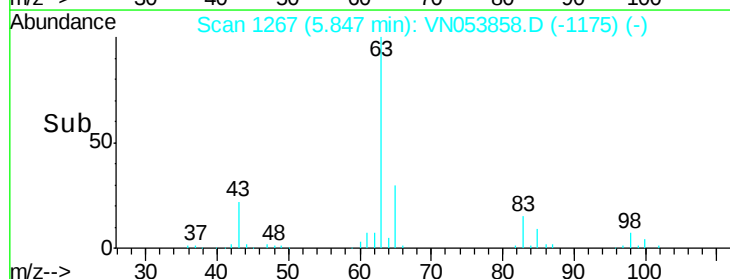
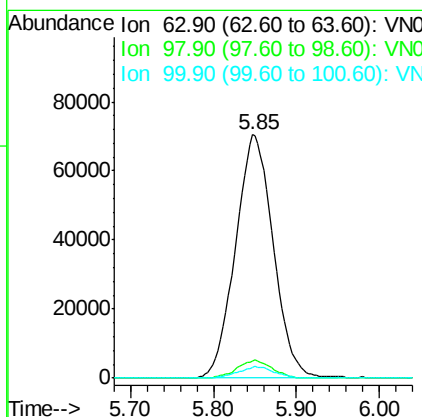
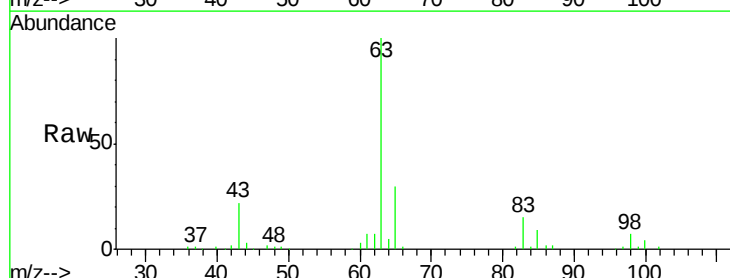
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#24  
 1,1-Dichloroethane  
 Concen: 18.273 ug/l  
 RT: 5.85 min Scan# 1267  
 Delta R.T. -0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

Tgt Ion: 63 Resp: 222758  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.3 9.9  
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 95.931 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0219WBS01

Tot Ion: 43 Resp: 235523

Ion Ratio Lower Upper

43 100

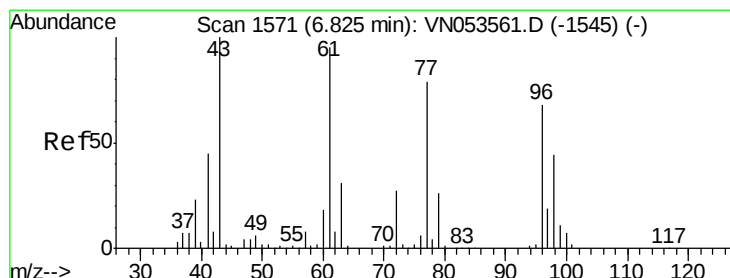
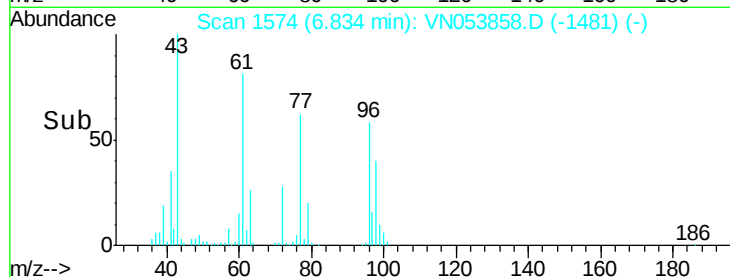
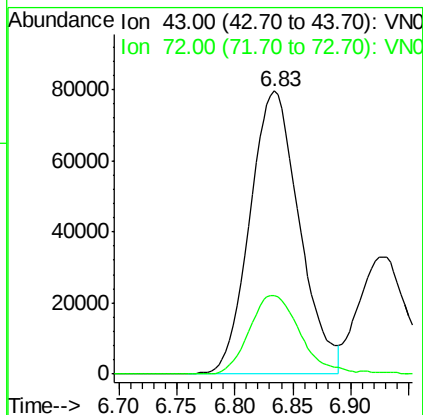
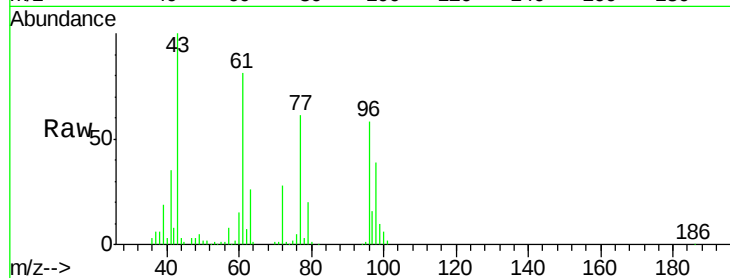
72 27.8 22.0 33.0

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#26

2,2-Dichloropropane

Concen: 19.020 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN053858.D

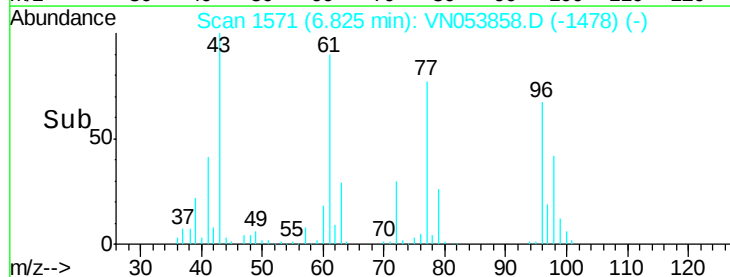
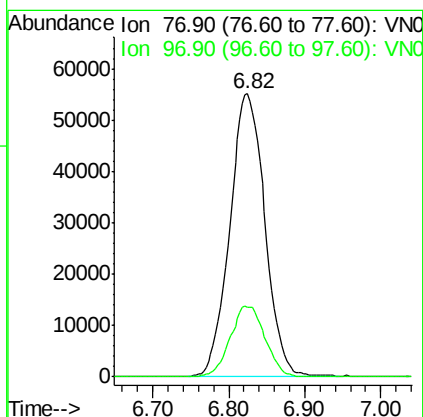
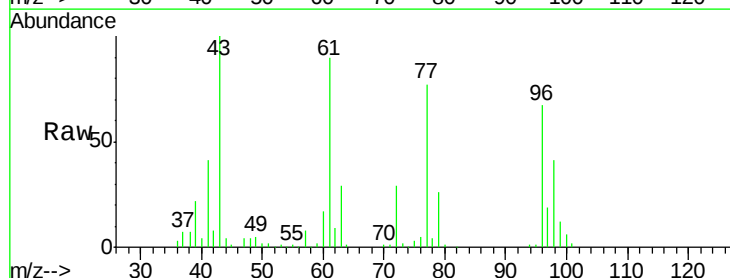
Acq: 19 Feb 2019 10:14

Tgt Ion: 77 Resp: 176991

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.385 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

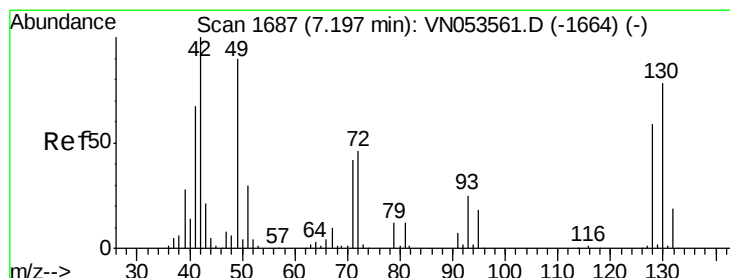
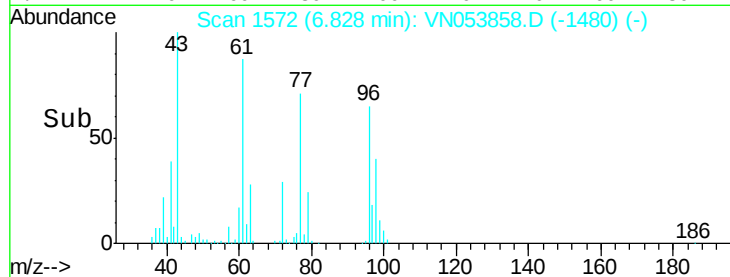
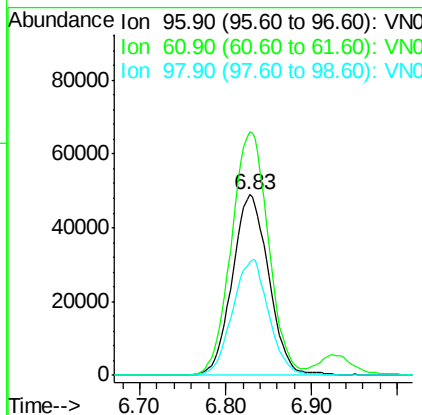
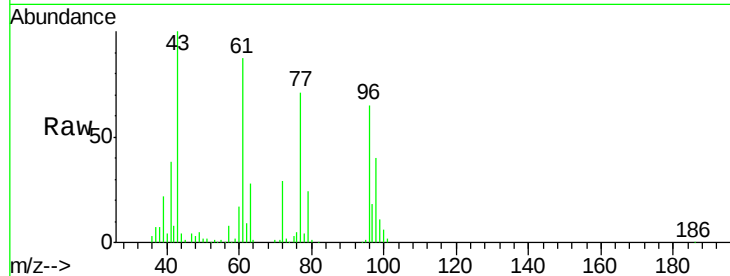
ClientSampled :

VN0219WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 144067 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 137.0 | 0.0   | 283.8  |
| 98        | 63.9  | 0.0   | 129.2  |

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#28

Bromochloromethane

Concen: 18.794 ug/l

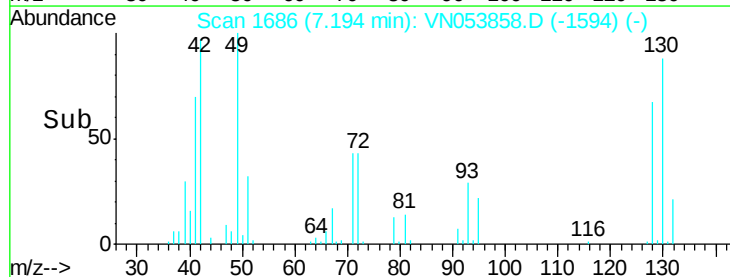
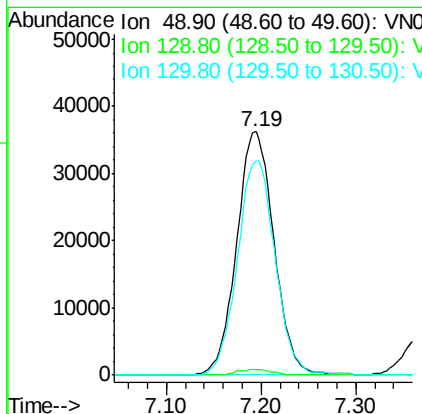
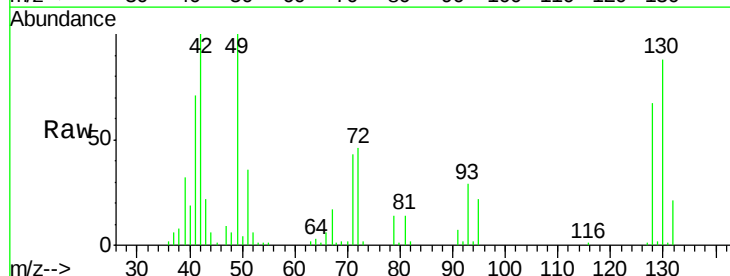
RT: 7.19 min Scan# 1686

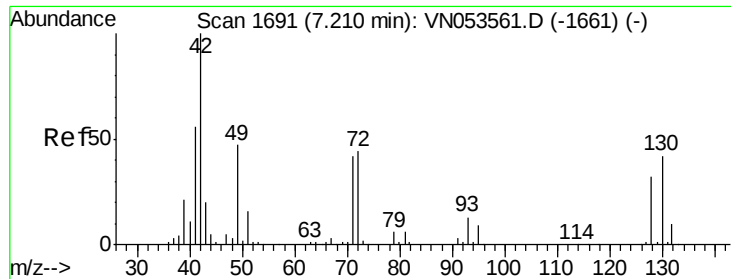
Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 49    | Resp: | 99421 |
| Ion Ratio | Lower | Upper |       |
| 49        | 100   |       |       |
| 129       | 2.1   | 0.0   | 4.0   |
| 130       | 88.9  | 66.3  | 99.5  |





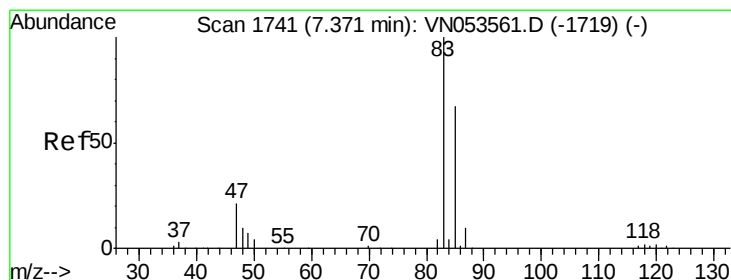
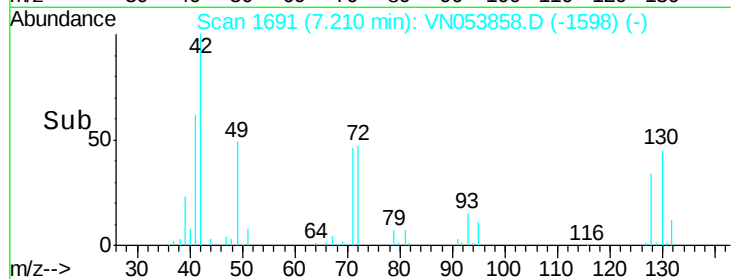
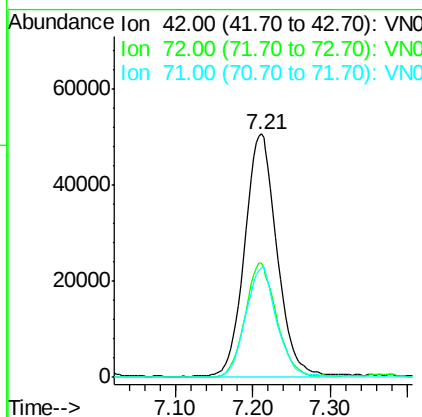
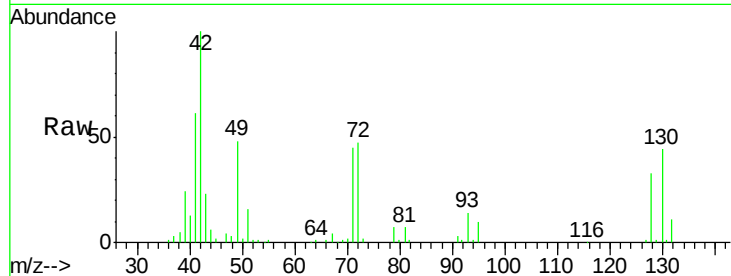
#29  
Tetrahydrofuran  
Concen: 93.321 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.6  | 35.2  | 52.8  |
| 71      | 44.2  | 33.0  | 49.4  |

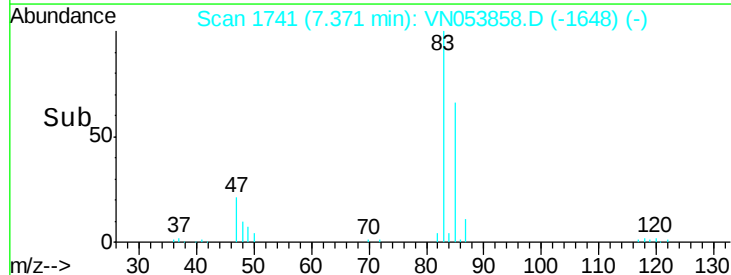
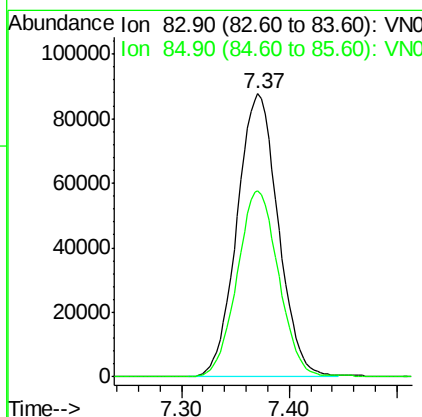
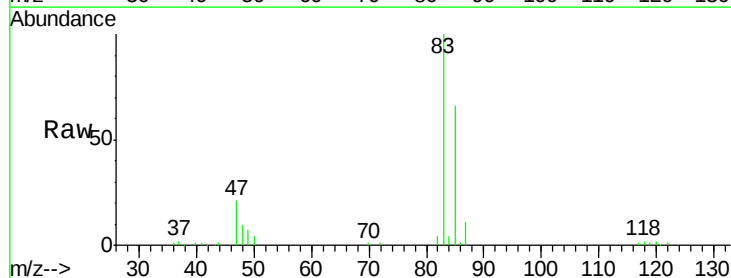
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#30  
Chloroform  
Concen: 19.264 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.9  | 52.2  | 78.2  |





#31

Cyclohexane

Concen: 17.375 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

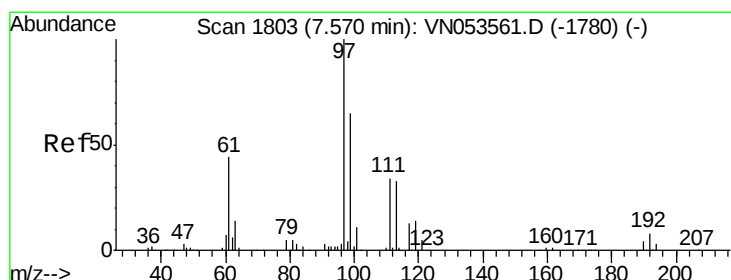
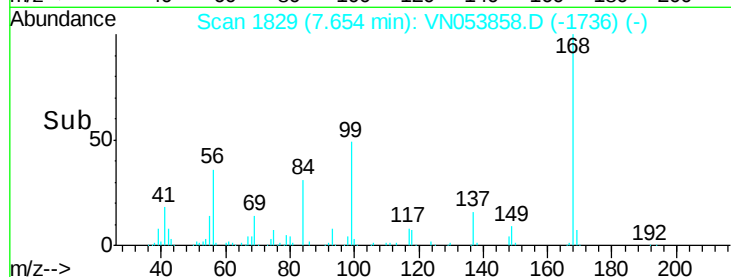
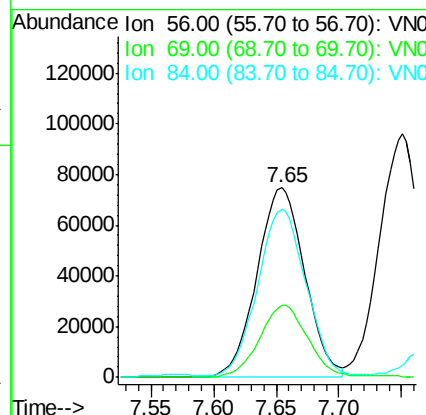
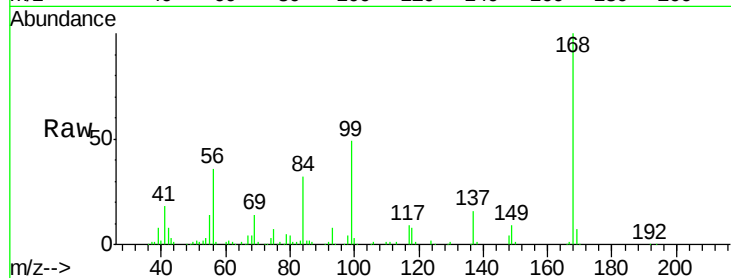
ClientSampleId :

VN0219WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 198450 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 37.7  | 26.4  | 39.6   |
| 84        | 87.5  | 67.9  | 101.9  |

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#32

1,1,1-Trichloroethane

Concen: 19.371 ug/l

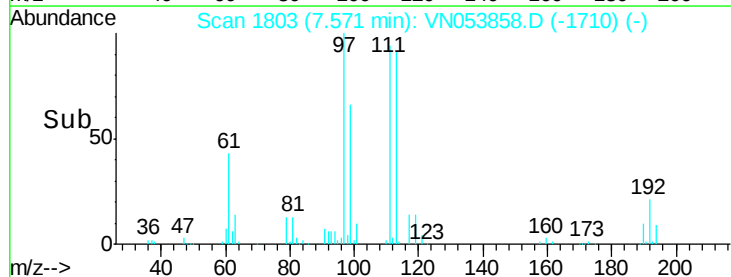
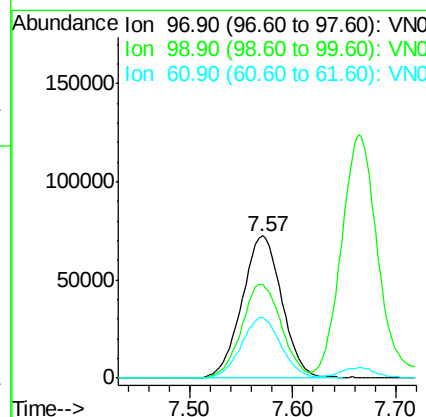
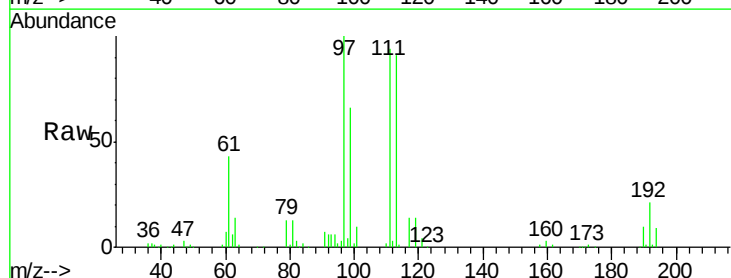
RT: 7.57 min Scan# 1803

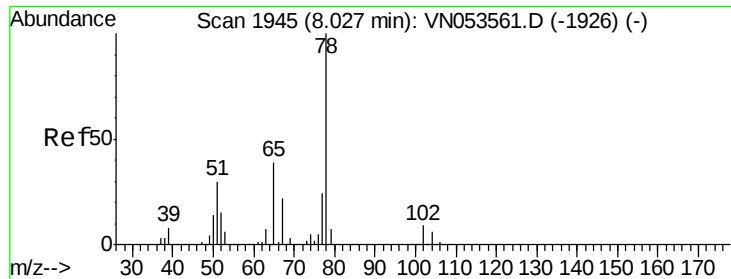
Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 194807 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 66.0  | 52.0  | 78.0   |
| 61        | 42.2  | 34.4  | 51.6   |





#33

1,2-Dichloroethane-d4

Concen: 48.674 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0219WBS01

Tot Ion: 65 Resp: 326657

Ion Ratio Lower Upper

65 100

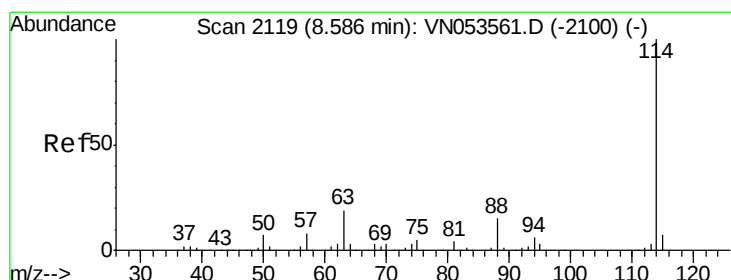
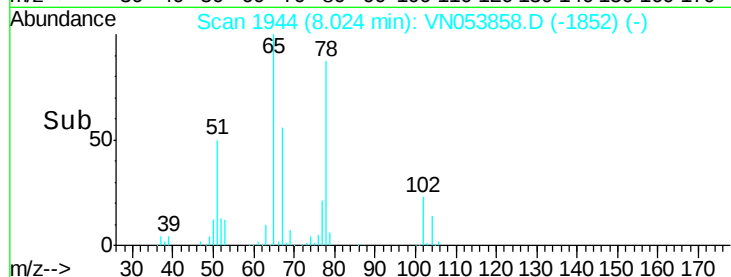
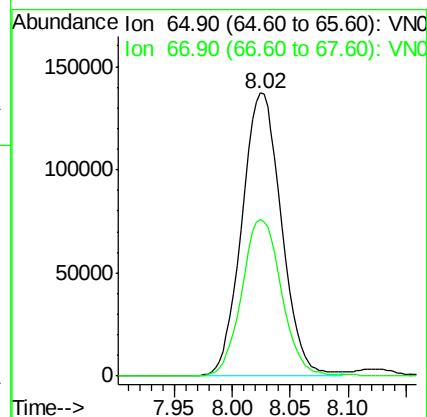
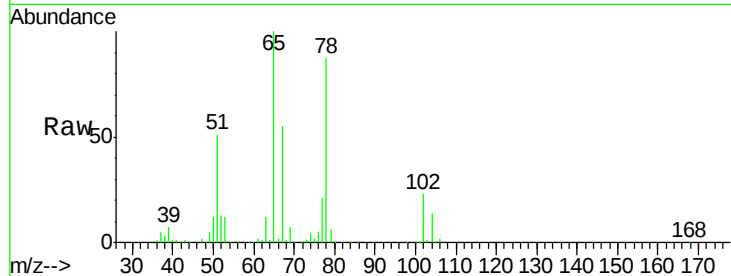
67 55.6 0.0 111.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

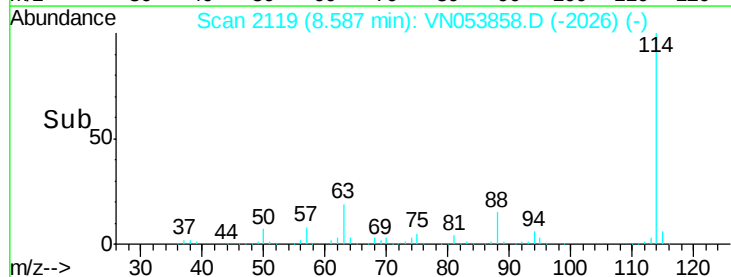
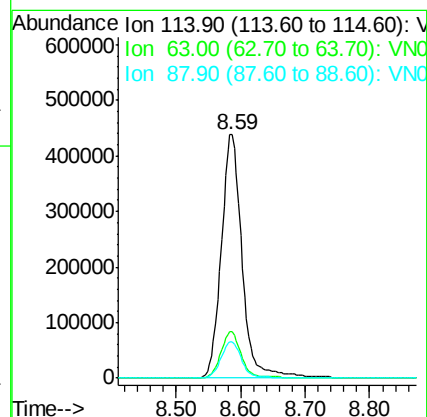
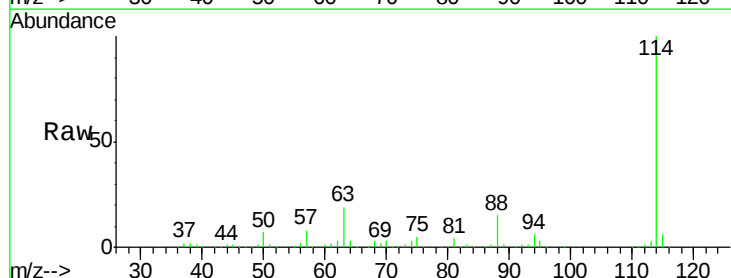
Tgt Ion: 114 Resp: 983327

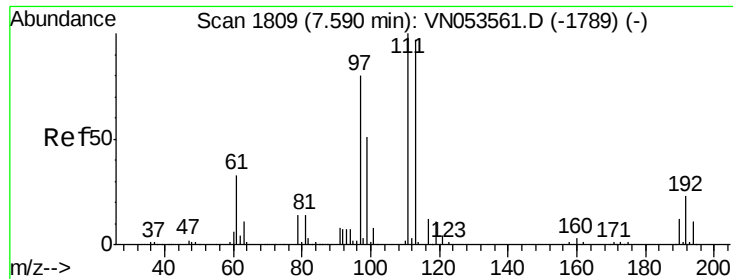
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

88 14.8 0.0 30.4





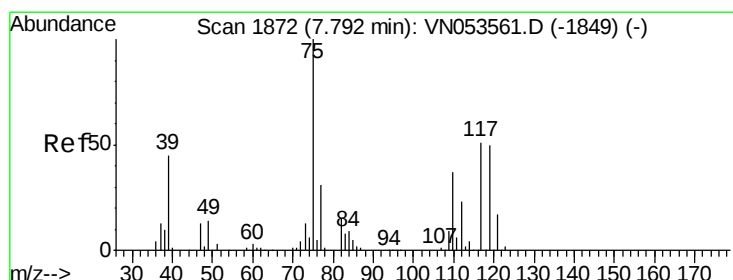
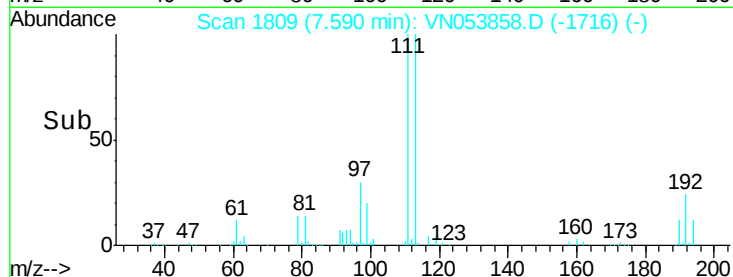
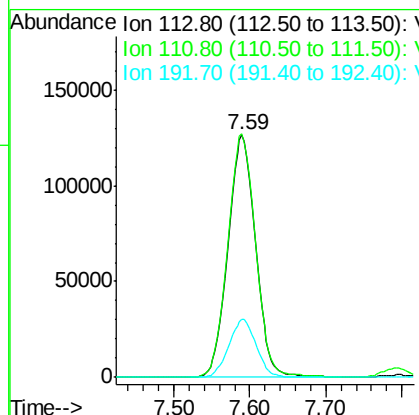
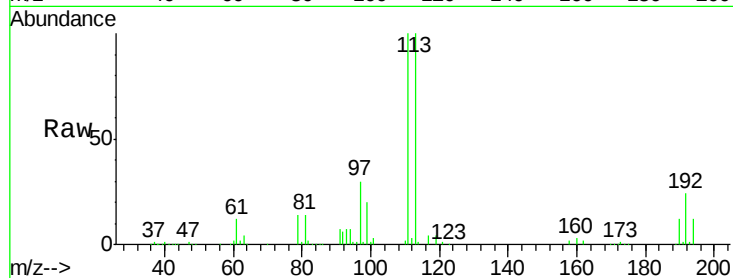
#35  
 Dibromofluoromethane  
 Concen: 51.482 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0219WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 113     | 100   |      |       |       |
| 111     | 101.6 | 81.1 | 121.7 |       |
| 192     | 23.7  | 18.2 | 27.2  |       |

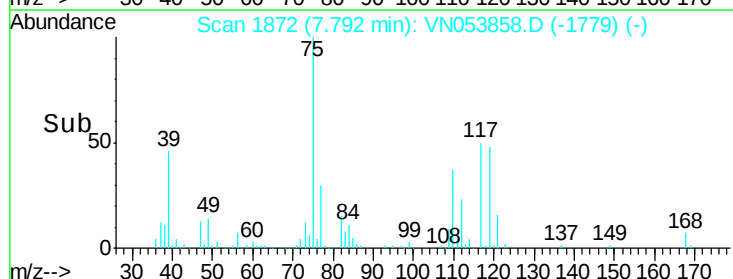
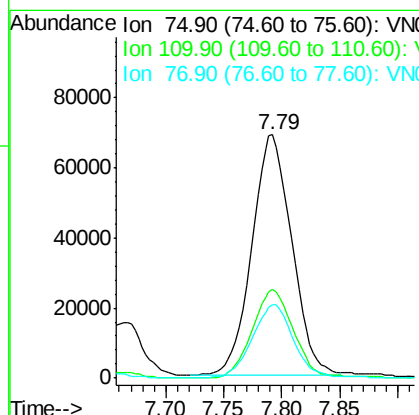
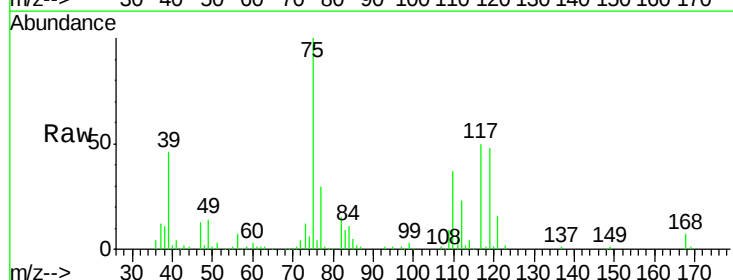
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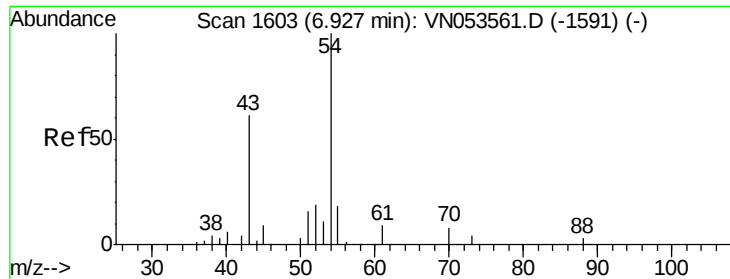
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#36  
 1,1-Dichloropropene  
 Concen: 18.624 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. 0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 37.9  | 18.1 | 54.3  |       |
| 77      | 31.4  | 25.1 | 37.7  |       |





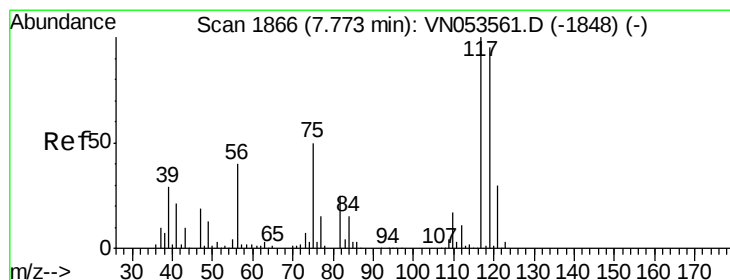
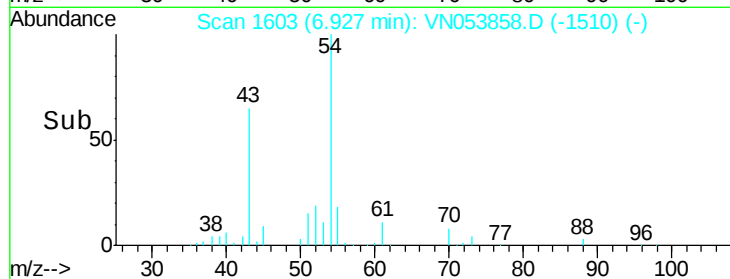
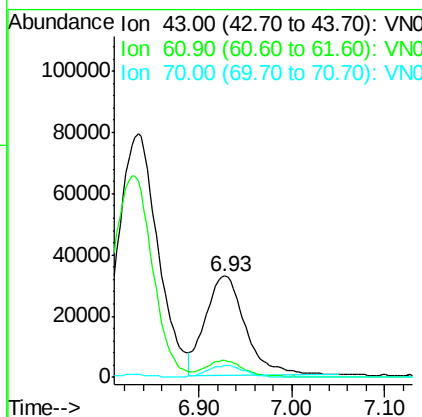
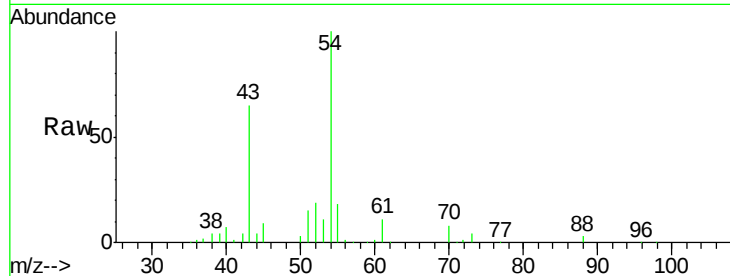
#37  
Ethyl Acetate  
Concen: 19.915 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

| Tot Ion | 43    | 61   | 70   |
|---------|-------|------|------|
| Resp    | 98592 |      |      |
| Ratio   | 100   | 15.5 | 11.4 |
| Lower   |       | 11.8 | 8.6  |
| Upper   |       | 17.6 | 12.8 |

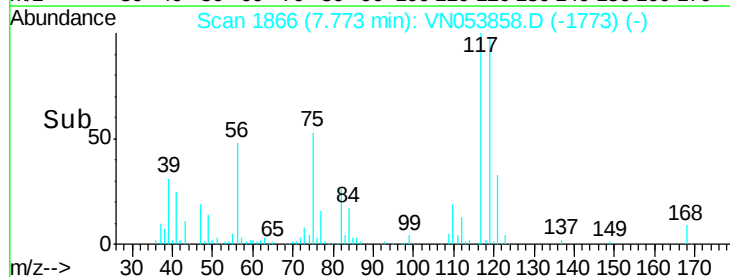
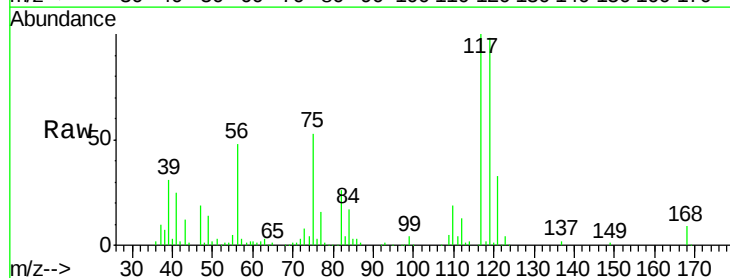
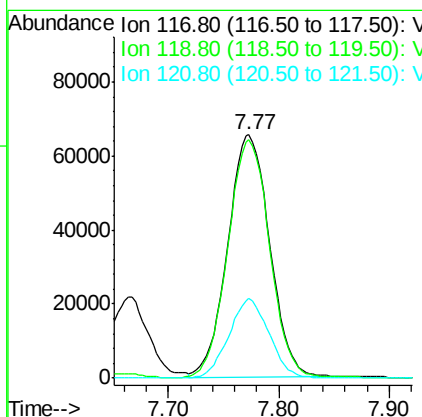
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#38  
Carbon Tetrachloride  
Concen: 19.279 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

| Tgt Ion | 117    | 119   | 121  |
|---------|--------|-------|------|
| Resp    | 172152 |       |      |
| Ratio   | 100    | 98.2  | 32.9 |
| Lower   |        | 77.2  | 24.6 |
| Upper   |        | 115.8 | 37.0 |





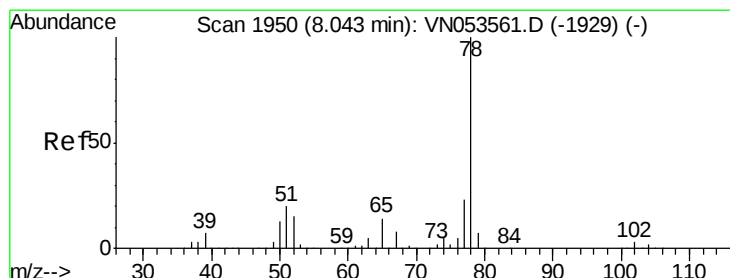
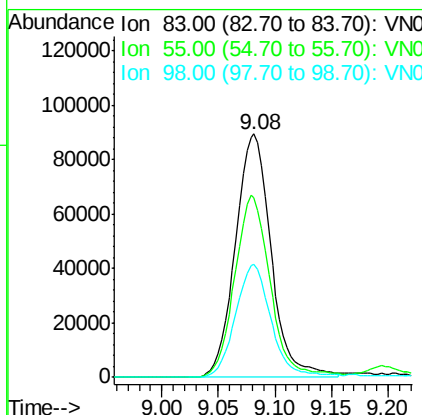
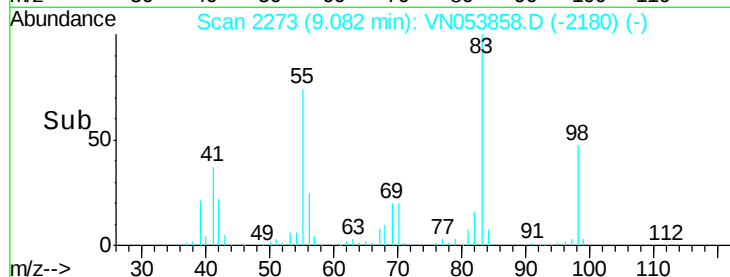
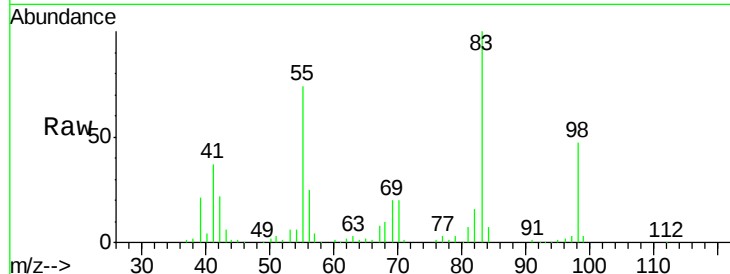
#39  
Methvlcvclohexane  
Concen: 18.760 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 197290 |       |       |
| 55      | 73.6  |        | 60.1  | 90.1  |
| 98      | 46.6  |        | 36.6  | 55.0  |

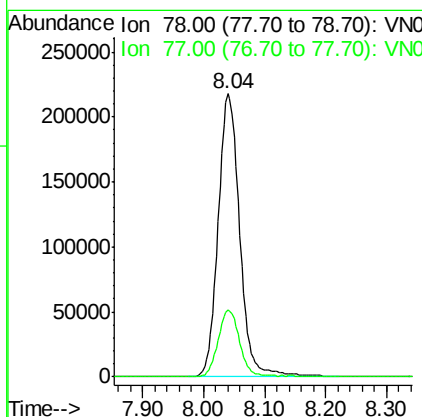
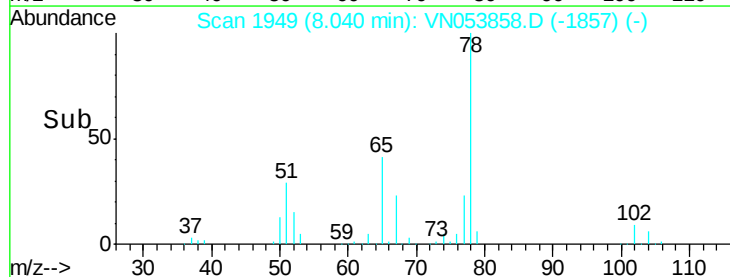
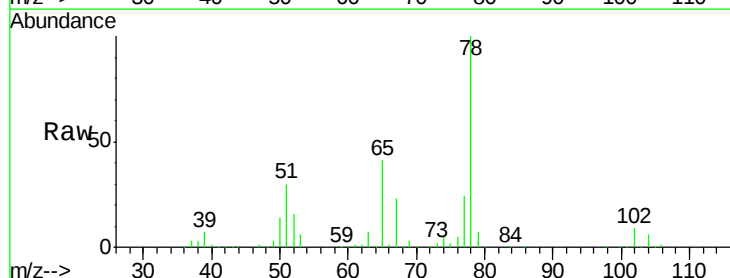
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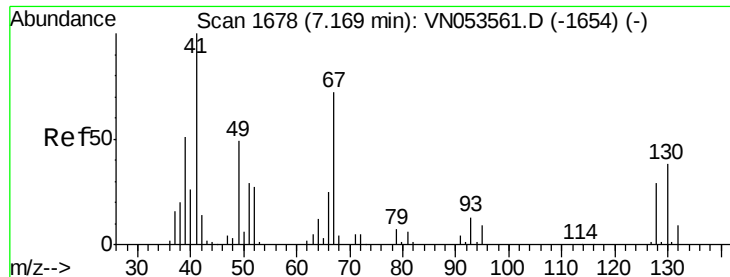
MMDadoda  
2/20/2019 10:14:53 AM



#40  
Benzene  
Concen: 19.562 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. -0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 534721 |       |       |
| 77      | 23.5  |        | 18.8  | 28.2  |





#41

Methacrylonitrile

Concen: 18.136 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0219WBS01

Tot Ion: 41 Resp: 50180

Ion Ratio Lower Upper

41 100

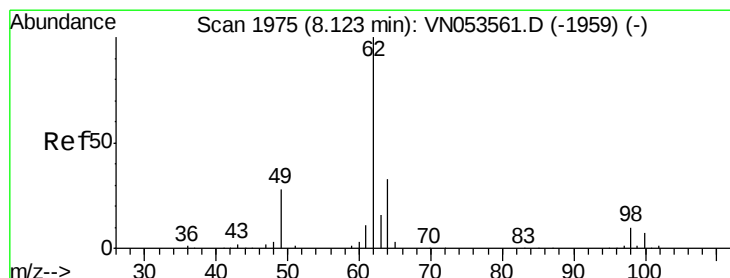
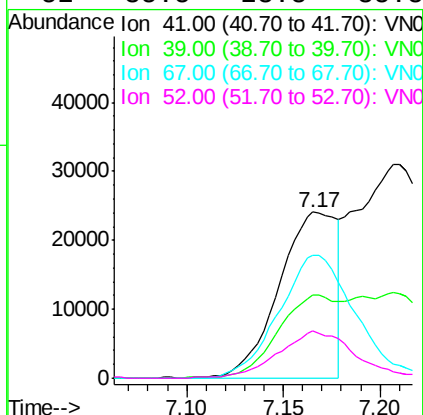
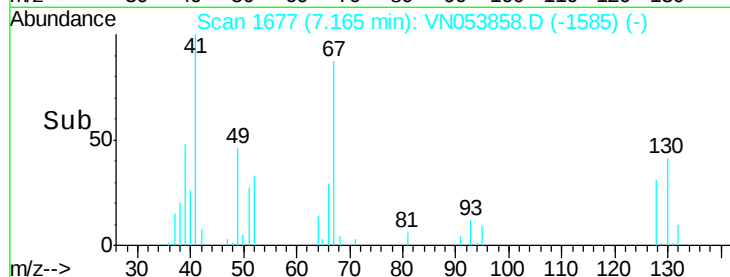
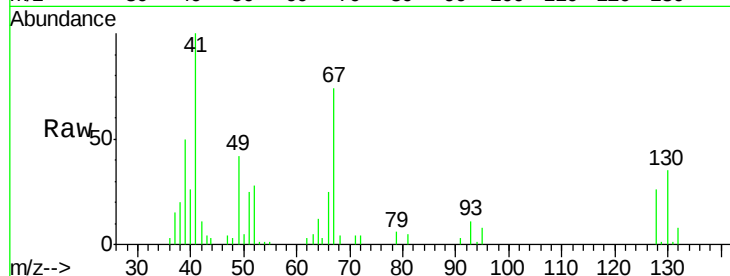
39 54.7 46.8 70.2

67 98.7 63.0 94.6#

52 35.5 23.8 35.8

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#42

1,2-Dichloroethane

Concen: 19.164 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053858.D

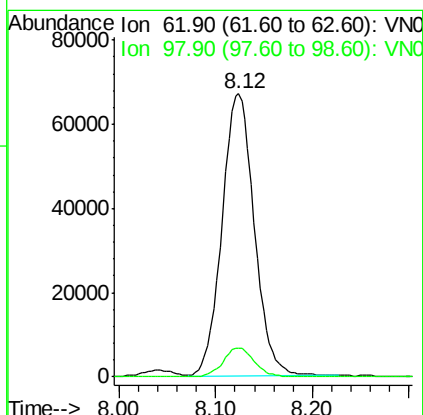
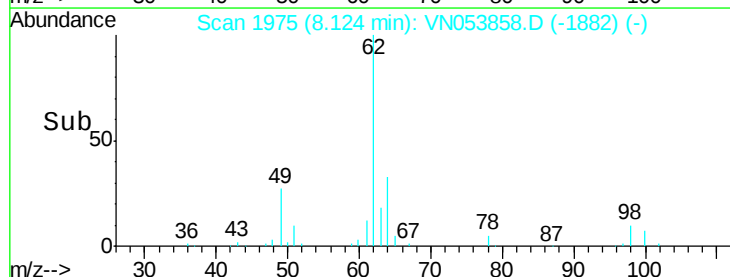
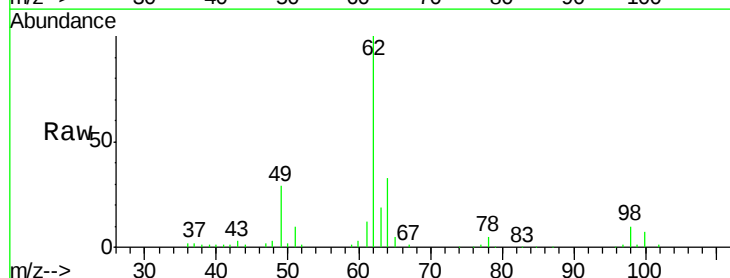
Acq: 19 Feb 2019 10:14

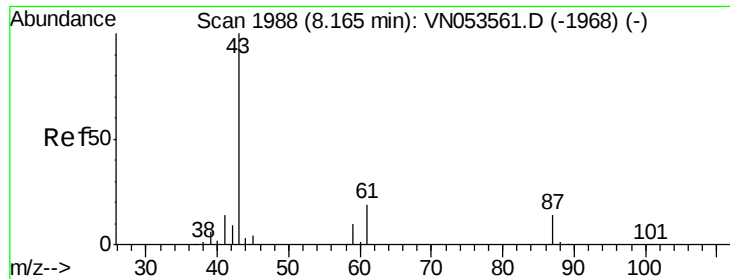
Tgt Ion: 62 Resp: 155537

Ion Ratio Lower Upper

62 100

98 10.0 0.0 19.6





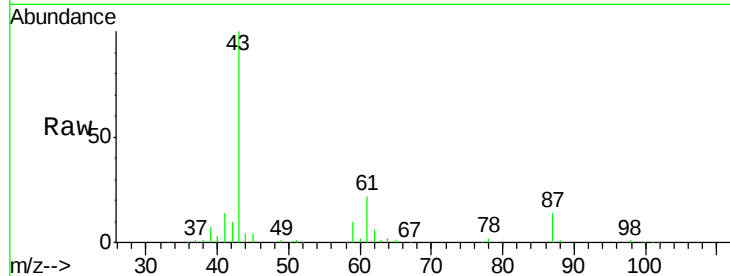
#43  
Isopropyl Acetate  
Concen: 18.129 ug/l  
RT: 8.16 min Scan# 1987  
Delta R.T. -0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

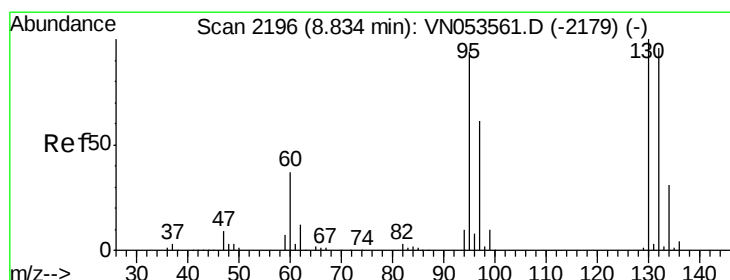
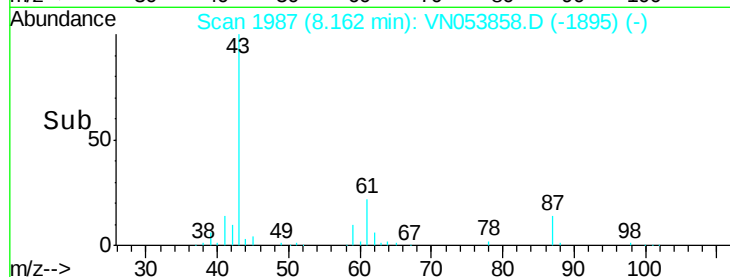
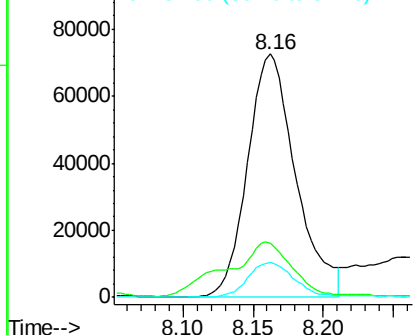
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 29.6  | 23.9  | 35.9  |
| 87      | 13.8  | 11.0  | 16.6  |

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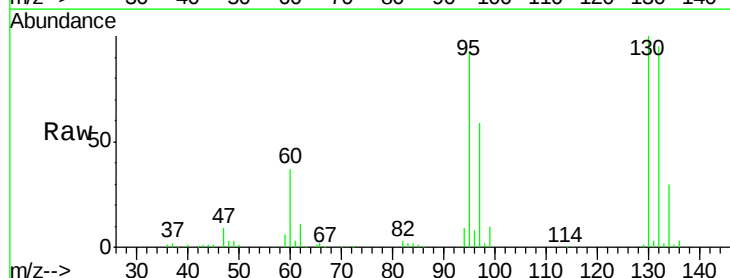


Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-1968) (-)  
Ion 61.00 (60.70 to 61.70): VN053561.D (-1968) (-)  
Ion 87.00 (86.70 to 87.70): VN053561.D (-1968) (-)

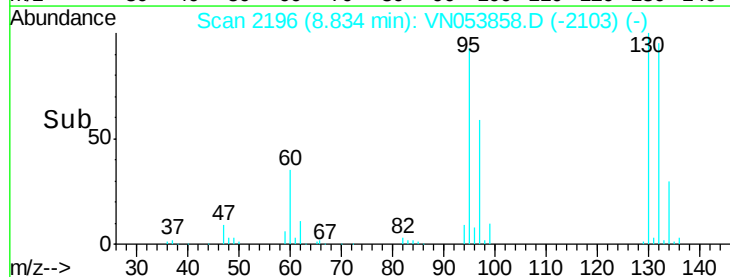
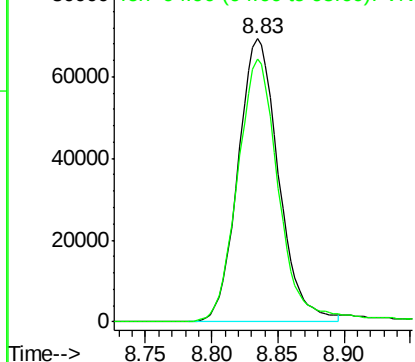


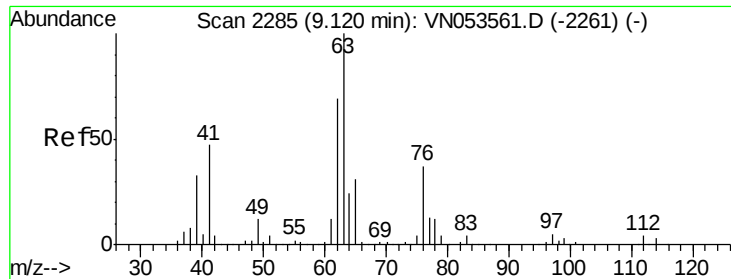
#44  
Trichloroethene  
Concen: 18.921 ug/l  
RT: 8.83 min Scan# 2196  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 93.1  | 0.0   | 191.4 |



Abundance Ion 129.80 (129.50 to 130.50): VN053561.D (-2179) (-)  
Ion 94.90 (94.60 to 95.60): VN053561.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 20.519 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampled :

VN0219WBS01

Tot Ion: 63 Resp: 143455

Ion Ratio Lower Upper

63 100

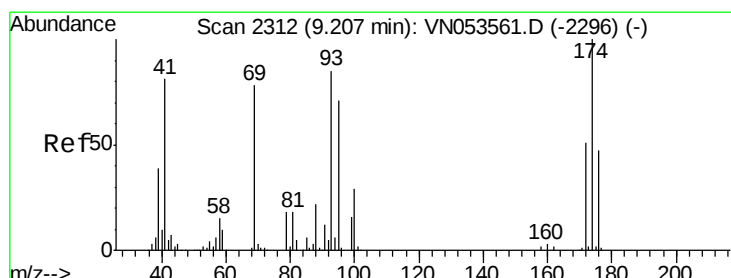
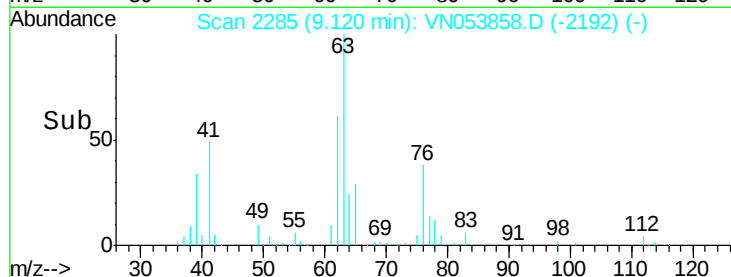
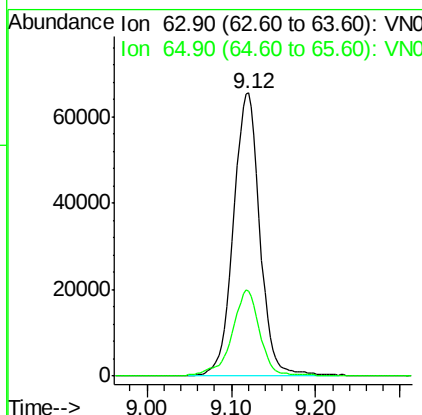
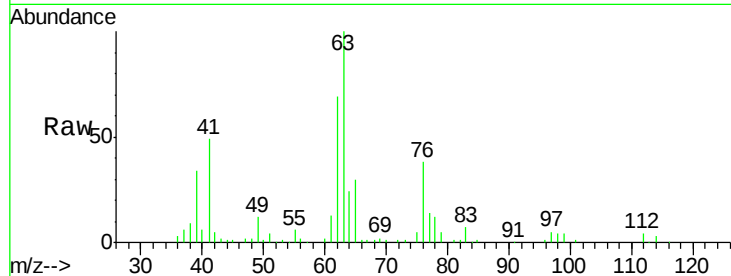
65 29.8 25.0 37.4

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#46

Dibromomethane

Concen: 20.046 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

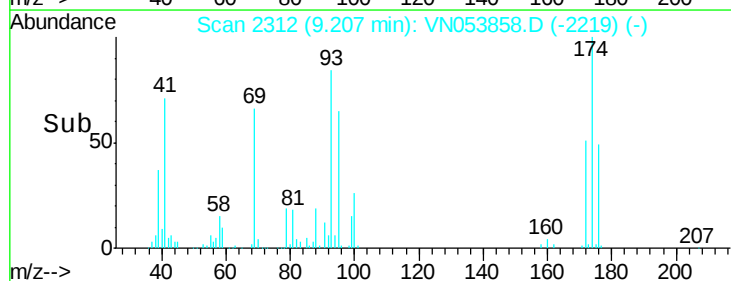
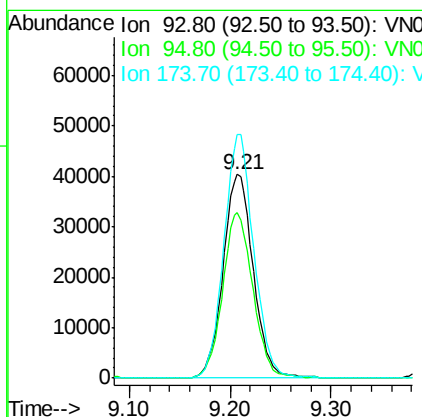
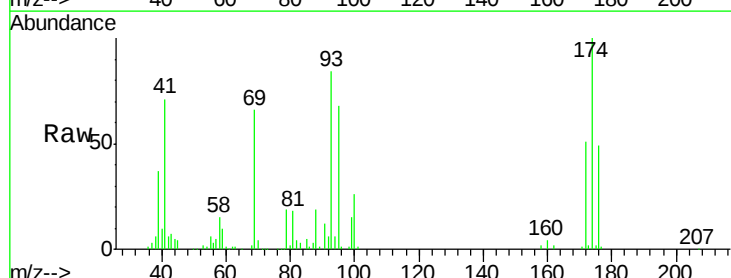
Tgt Ion: 93 Resp: 84487

Ion Ratio Lower Upper

93 100

95 81.0 67.3 100.9

174 117.7 91.0 136.4





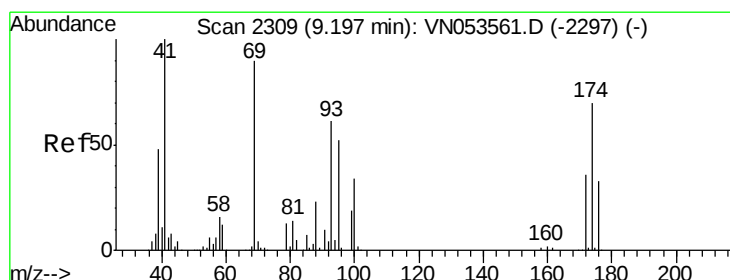
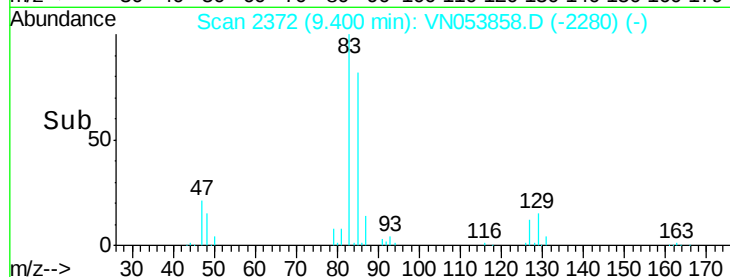
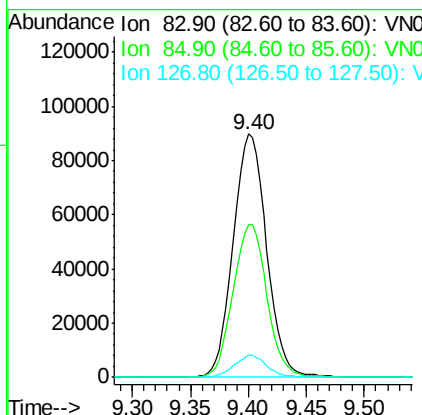
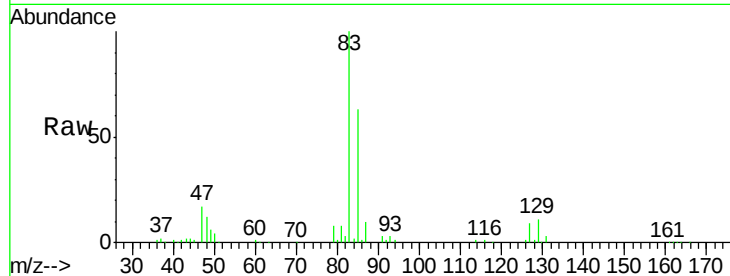
#47  
Bromodichloromethane  
Concen: 20.512 ug/l  
RT: 9.40 min Scan# 2372  
Delta R.T. -0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 179743 |       |       |
| 85      | 62.8  |        | 51.0  | 76.6  |
| 127     | 9.0   |        | 7.0   | 10.6  |

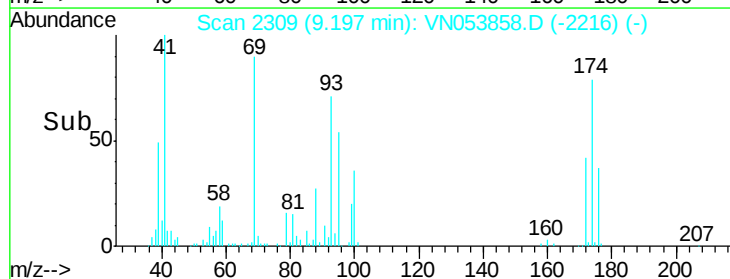
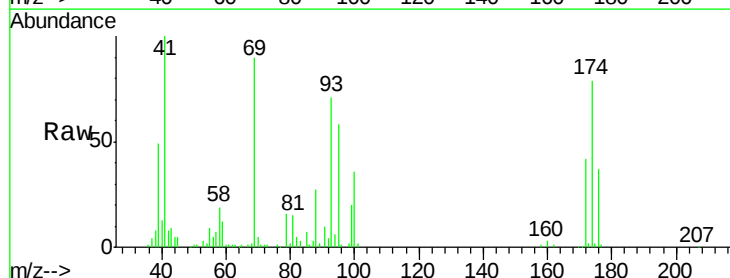
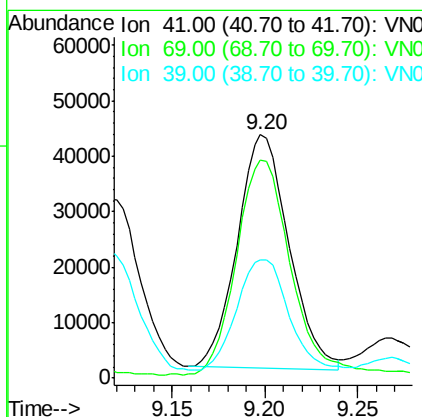
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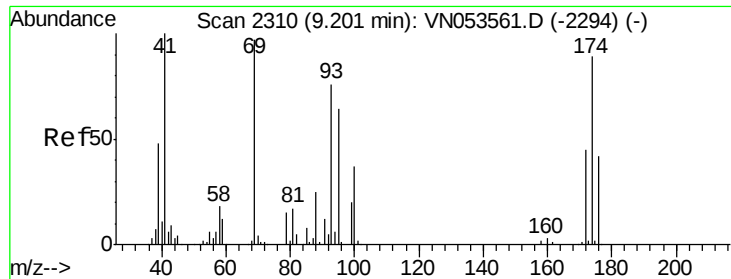
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#48  
Methyl methacrylate  
Concen: 17.991 ug/l  
RT: 9.20 min Scan# 2309  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 82108 |       |       |
| 69      | 100.7 |       | 73.8  | 110.6 |
| 39      | 54.3  |       | 40.0  | 60.0  |





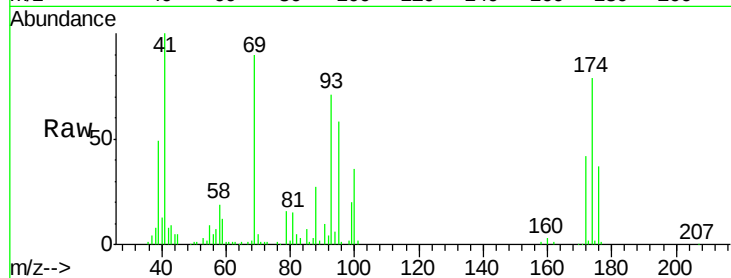
#49  
1,4-Dioxane  
Concen: 416.624 ug/l  
RT: 9.20 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 27.7  | 27.8  | 41.6# |
| 58      | 67.1  | 56.5  | 84.7  |

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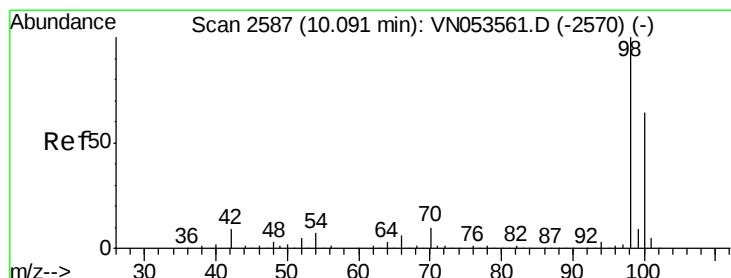
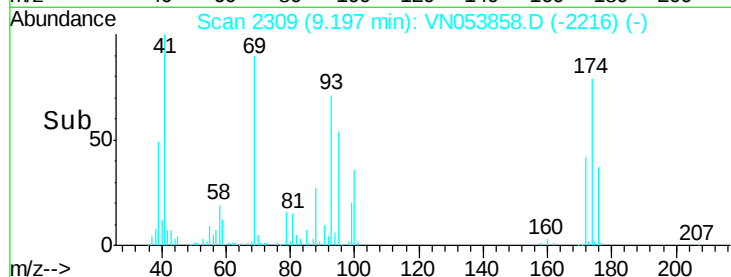
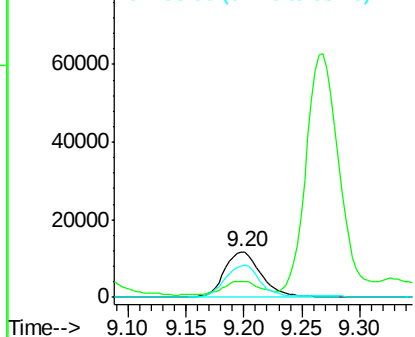


Abundance

Ion 88.00 (87.70 to 88.70): VN0

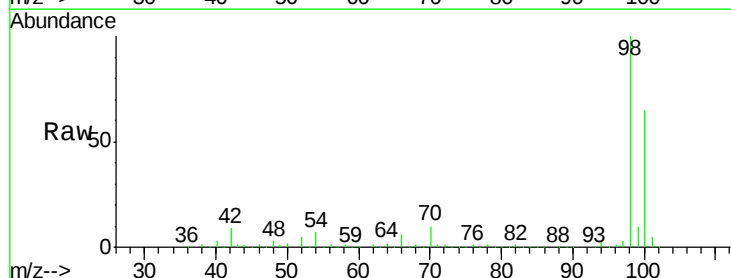
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50  
Toluene-d8  
Concen: 49.348 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

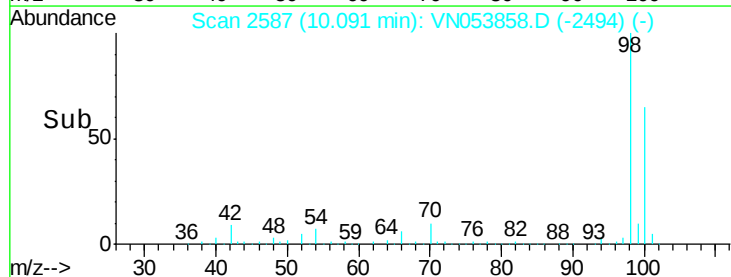
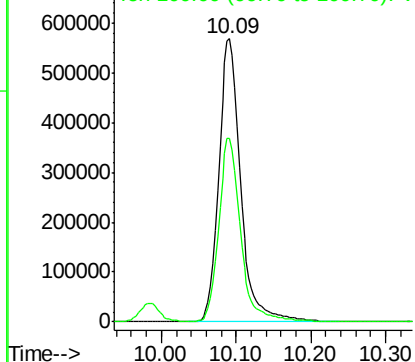
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.9  | 51.4  | 77.0  |

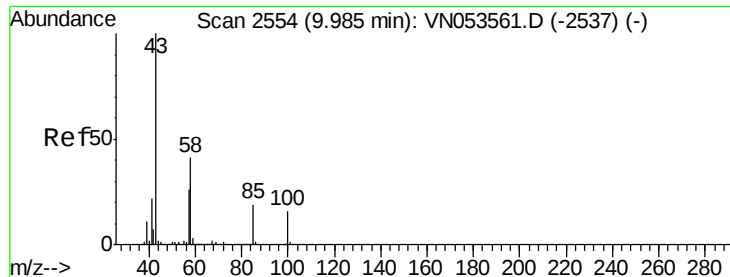


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 98.042 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0219WBS01

Tot Ion: 43 Resp: 460618

Ion Ratio Lower Upper

43 100

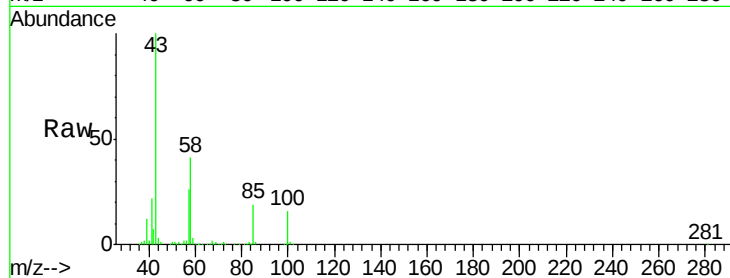
58 40.8 32.8 49.2

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

250000

200000

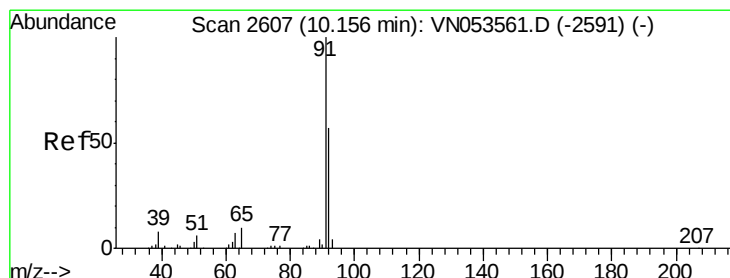
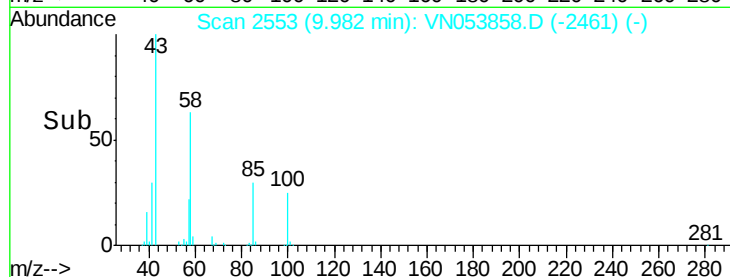
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.453 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053858.D

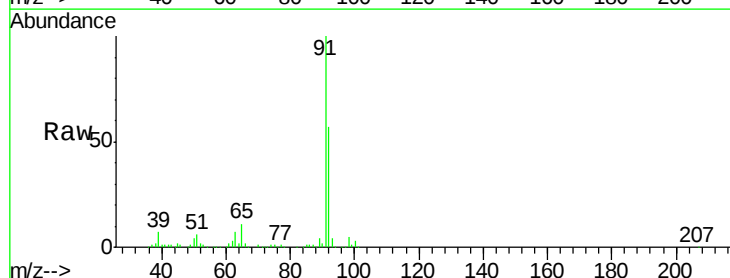
Acq: 19 Feb 2019 10:14

Tgt Ion: 92 Resp: 315578

Ion Ratio Lower Upper

92 100

91 176.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

300000

250000

200000

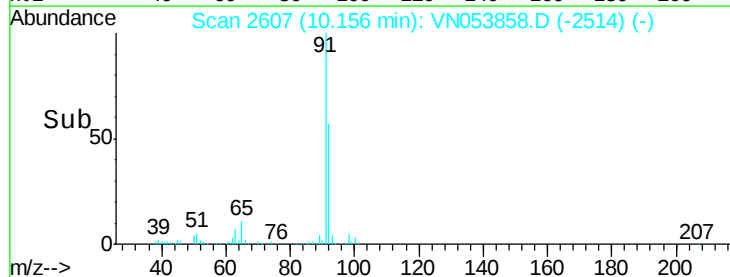
150000

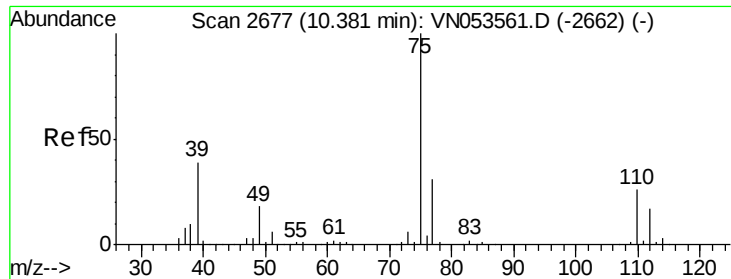
100000

50000

0

Time-->





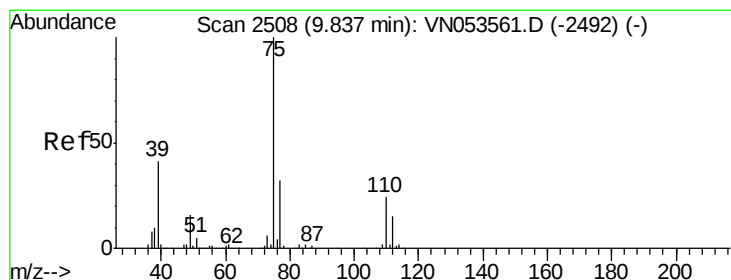
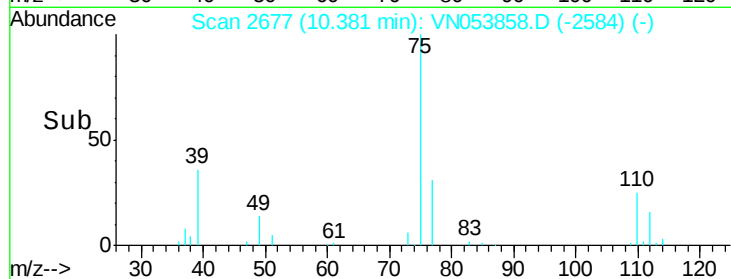
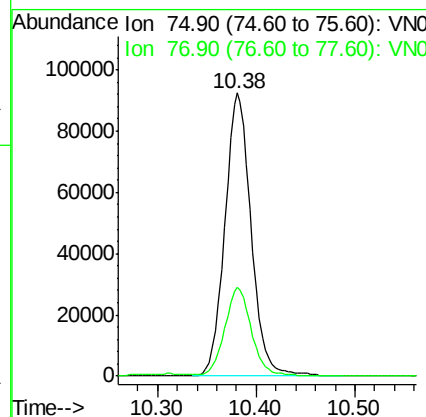
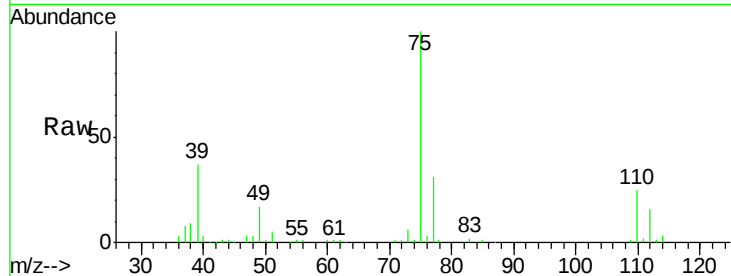
#53  
 t-1,3-Dichloropropene  
 Concen: 19.640 ug/l  
 RT: 10.38 min Scan# 2677  
 Delta R.T. 0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0219WBS01

Tot Ion: 75 Resp: 172333  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.5 38.3

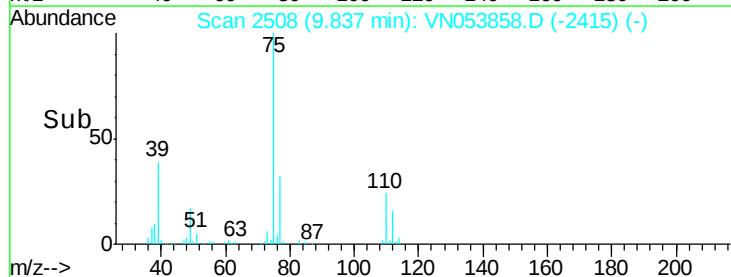
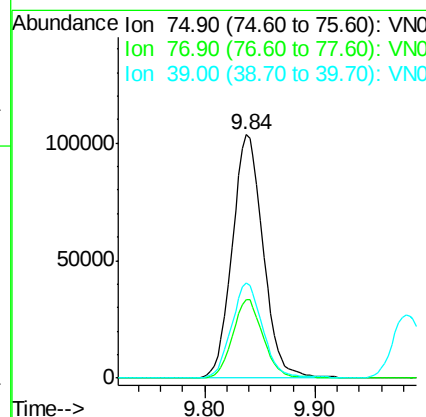
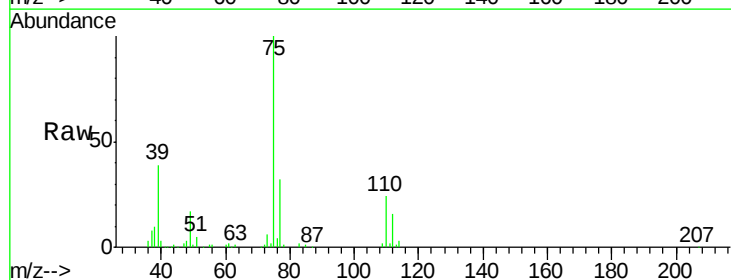
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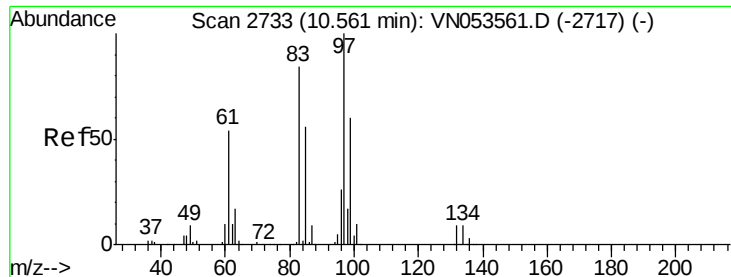
MMDadoda  
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#54  
 cis-1,3-Dichloropropene  
 Concen: 19.415 ug/l  
 RT: 9.84 min Scan# 2508  
 Delta R.T. 0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

Tgt Ion: 75 Resp: 201873  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.8 38.6  
 39 39.2 33.4 50.0





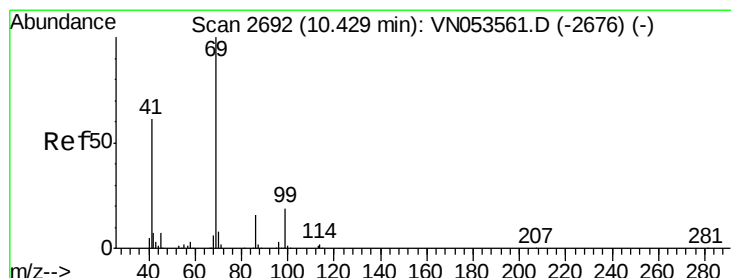
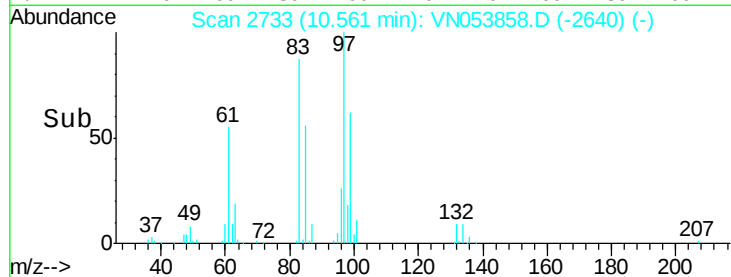
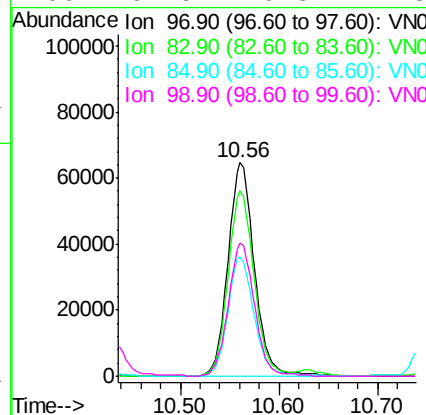
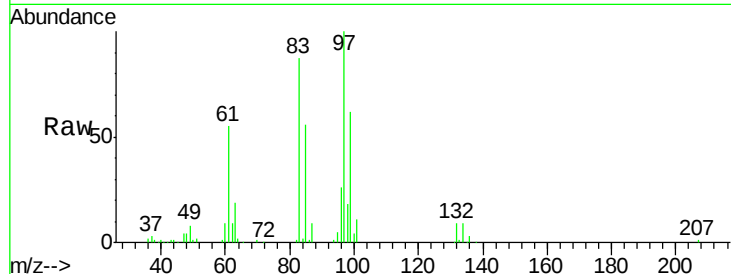
#55  
 1,1,2-Trichloroethane  
 Concen: 20.807 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0219WBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 121633 |       |       |
| 83      | 86.6 | 70.1  | 105.1  |       |       |
| 85      | 56.0 | 45.4  | 68.0   |       |       |
| 99      | 62.5 | 49.8  | 74.8   |       |       |

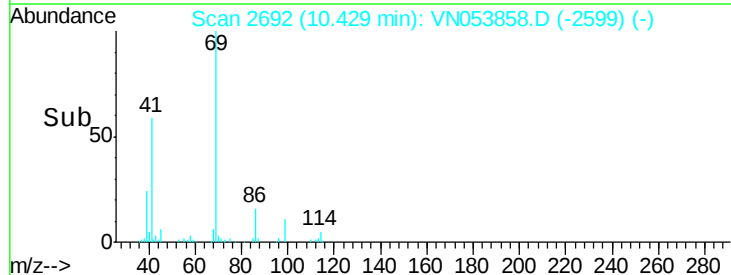
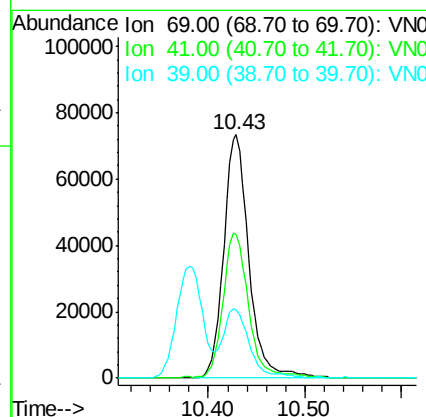
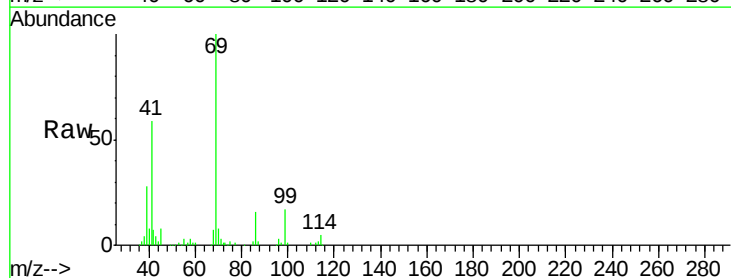
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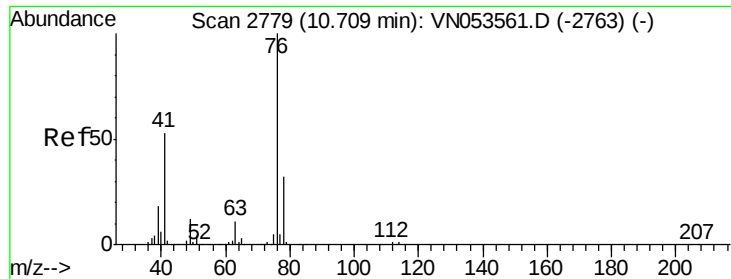
MMDadoda  
 2/20/2019 10:14:53 AM



#56  
 Ethyl methacrylate  
 Concen: 19.194 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 132735 |       |       |
| 41      | 59.5 | 49.4  | 74.0   |       |       |
| 39      | 29.4 | 23.3  | 34.9   |       |       |





#57

1,3-Dichloropropane

Concen: 19.836 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampled :

VN0219WBS01

Tot Ion: 76 Resp: 198177

Ion Ratio Lower Upper

76 100

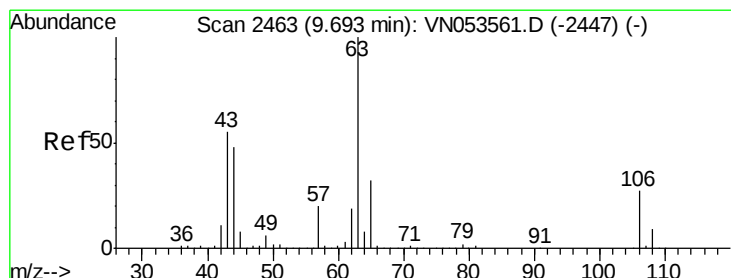
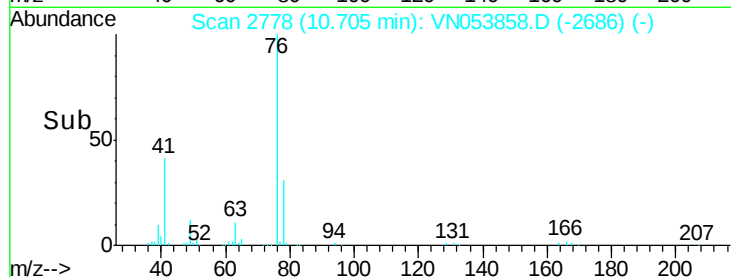
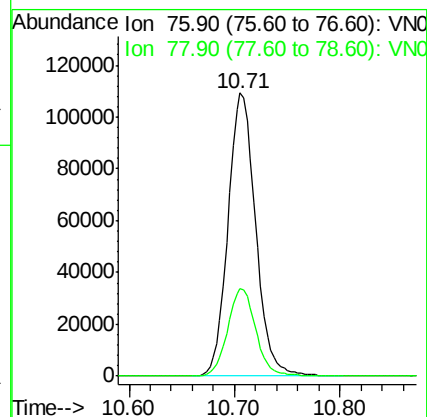
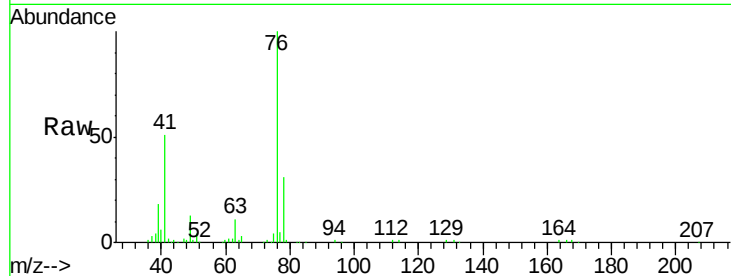
78 31.5 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 75.166 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN053858.D

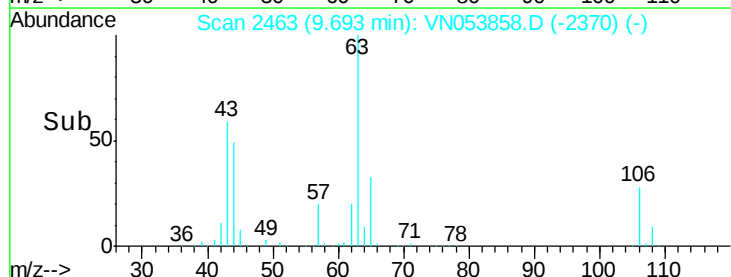
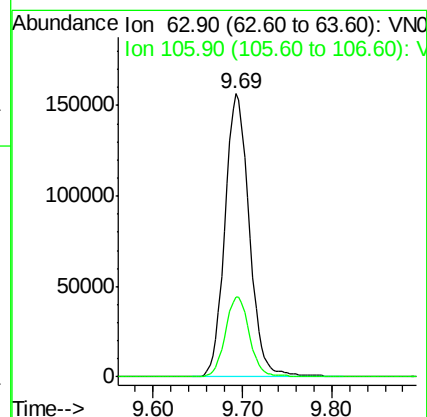
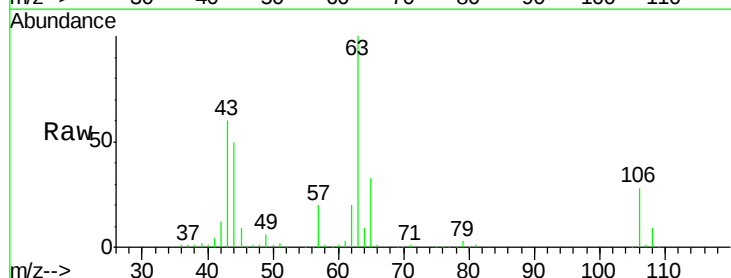
Acq: 19 Feb 2019 10:14

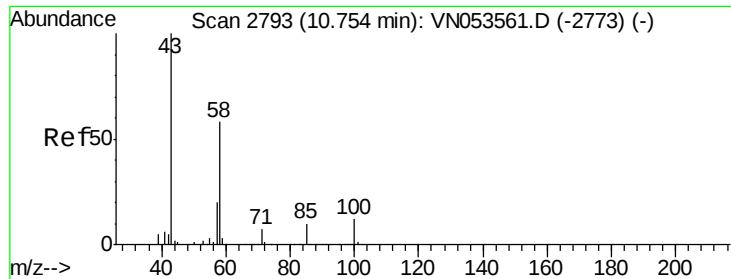
Tgt Ion: 63 Resp: 297560

Ion Ratio Lower Upper

63 100

106 28.0 21.5 32.3





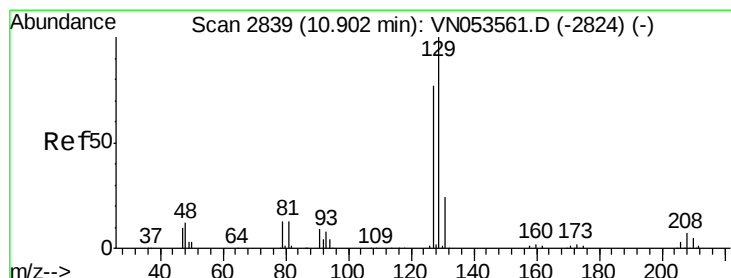
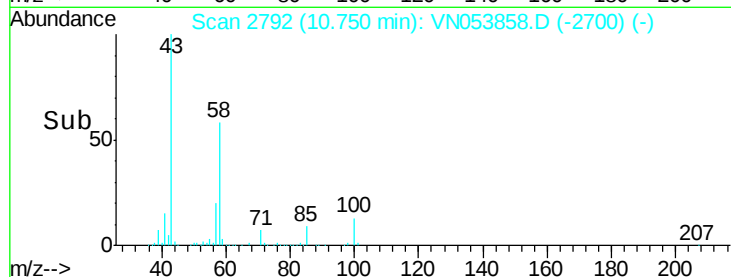
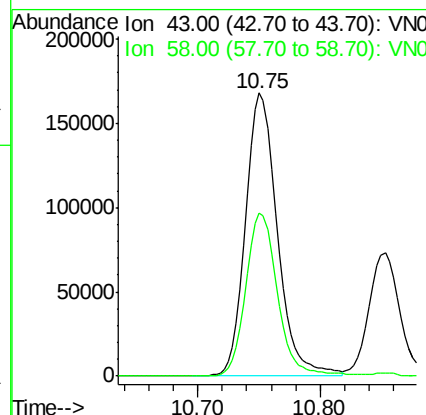
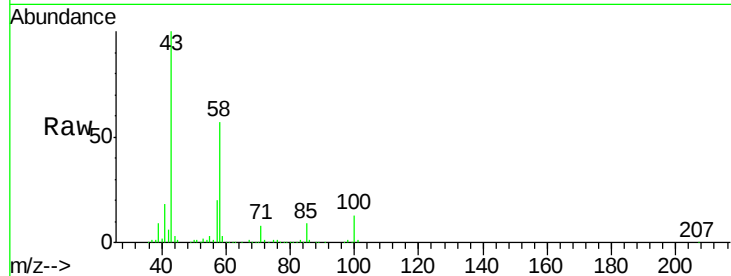
#59  
2-Hexanone  
Concen: 94.092 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. -0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

Tot Ion: 43 Resp: 300100  
Ion Ratio Lower Upper  
43 100  
58 57.8 28.6 85.8

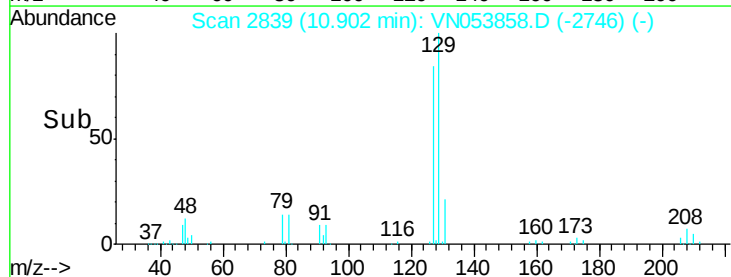
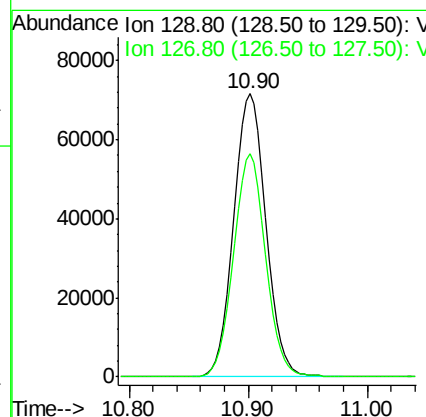
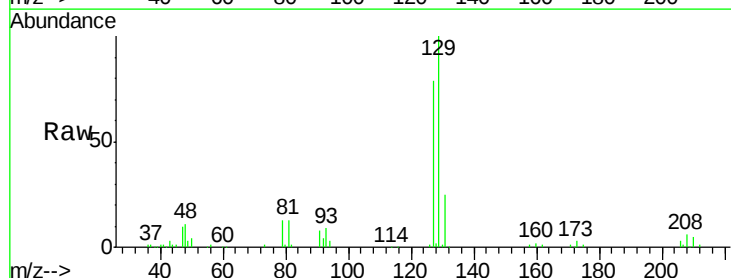
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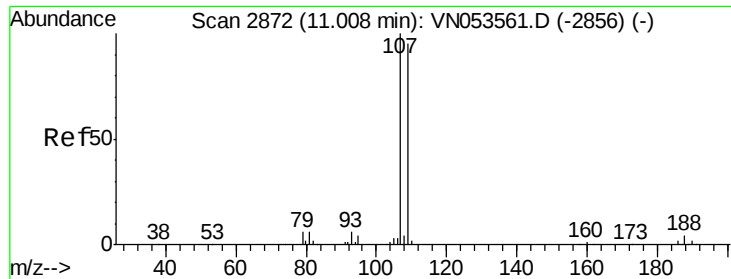
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 20.392 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Tgt Ion: 129 Resp: 134430  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.6 115.8





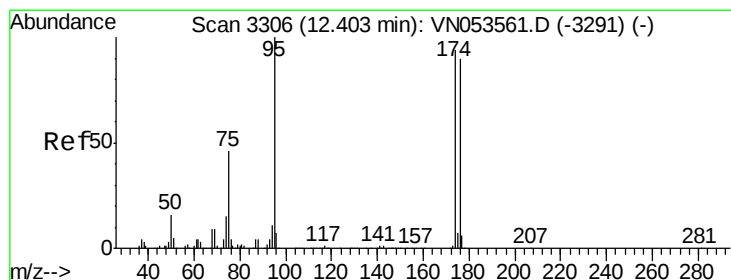
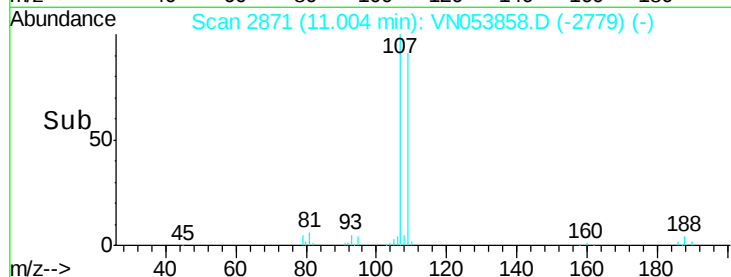
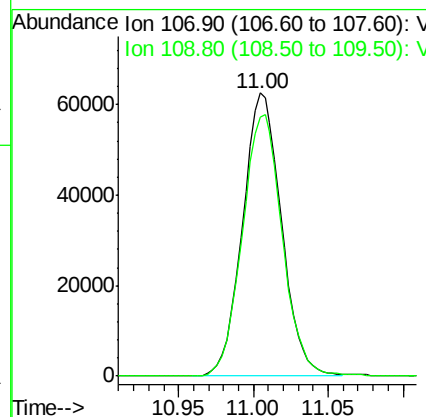
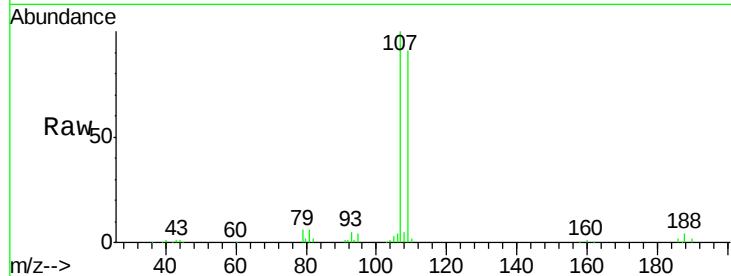
#61  
 1,2-Dibromoethane  
 Concen: 19.534 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. -0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0219WBS01

Tot Ion: 107 Resp: 113025  
 Ion Ratio Lower Upper  
 107 100  
 109 95.2 75.7 113.5

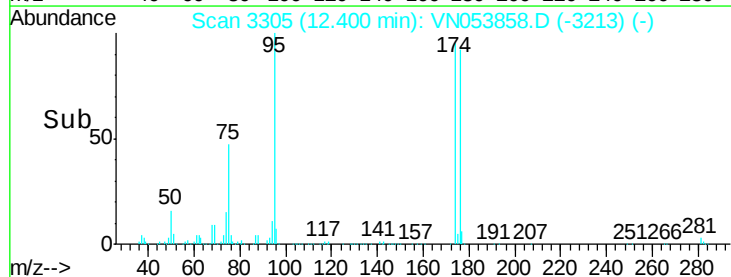
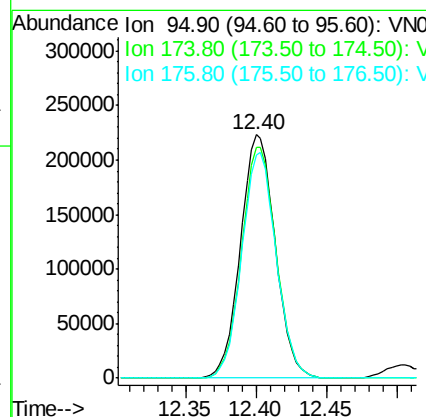
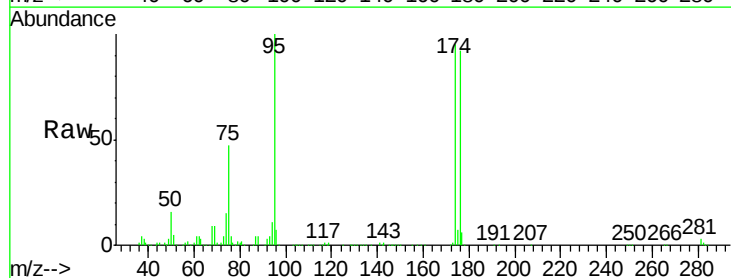
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#62  
 4-Bromofluorobenzene  
 Concen: 49.437 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

Tgt Ion: 95 Resp: 384666  
 Ion Ratio Lower Upper  
 95 100  
 174 94.9 0.0 183.2  
 176 91.9 0.0 177.4





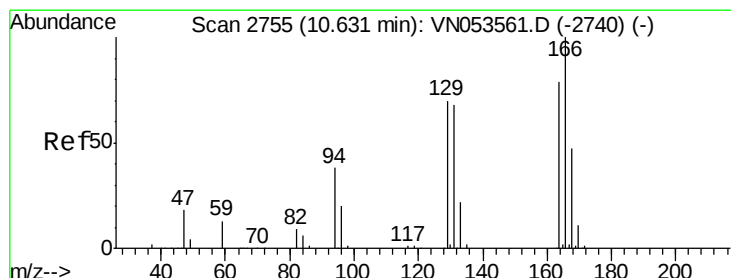
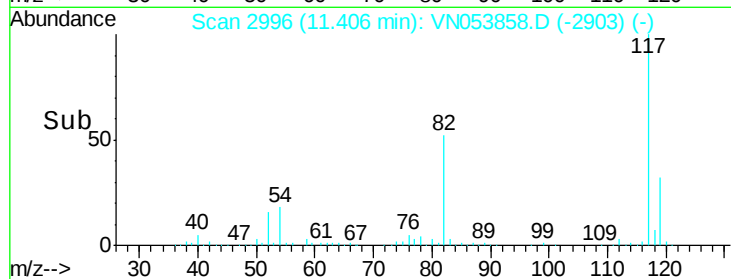
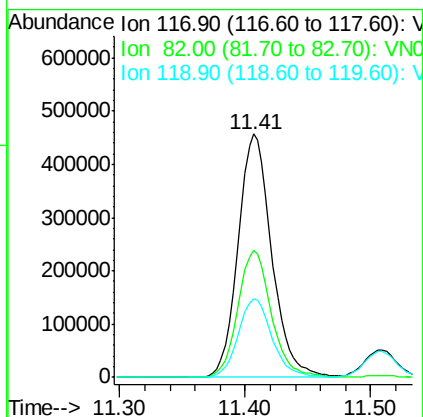
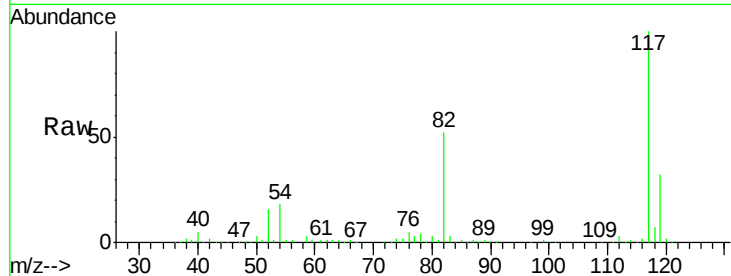
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.1  | 42.9  | 64.3  |
| 119     | 32.3  | 26.0  | 39.0  |

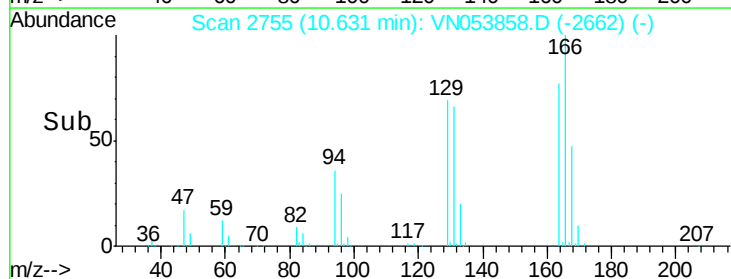
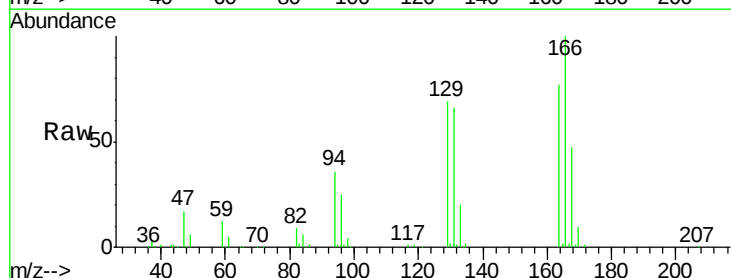
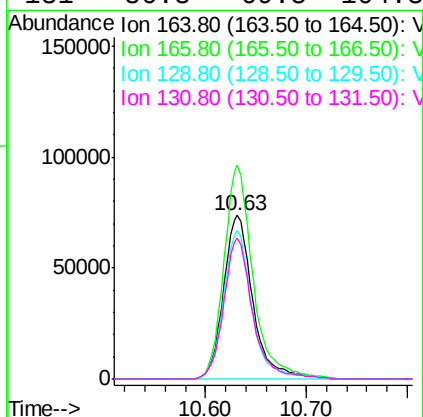
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#64  
Tetrachloroethene  
Concen: 20.543 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.6 | 102.2 | 153.4 |
| 129     | 90.8  | 72.6  | 109.0 |
| 131     | 86.3  | 69.5  | 104.3 |





#65

Chlorobenzene

Concen: 19.591 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampled :

VN0219WBS01

Tot Ion:112 Resp: 354443

Ion Ratio Lower Upper

112 100

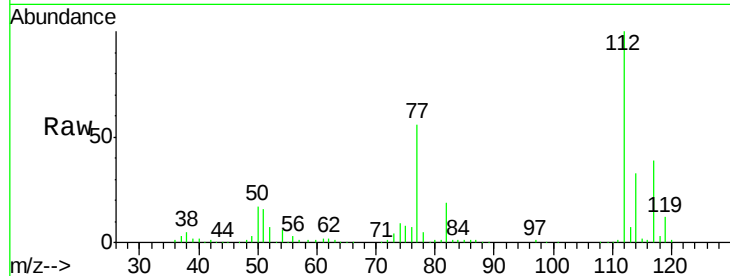
114 32.5 25.3 37.9

Manual Integrations

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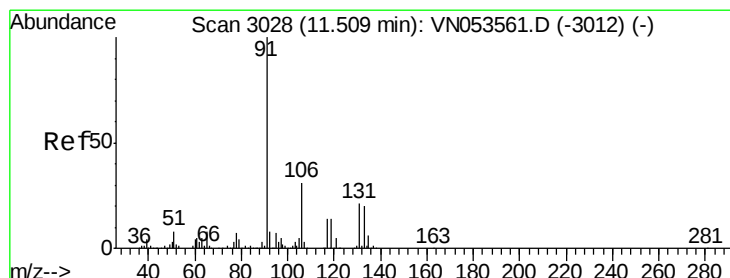
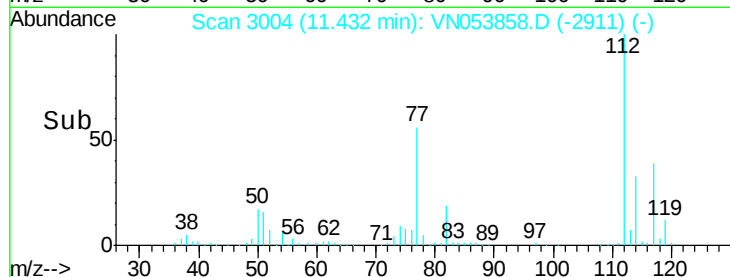
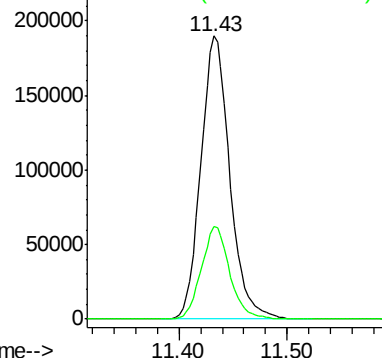
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.155 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

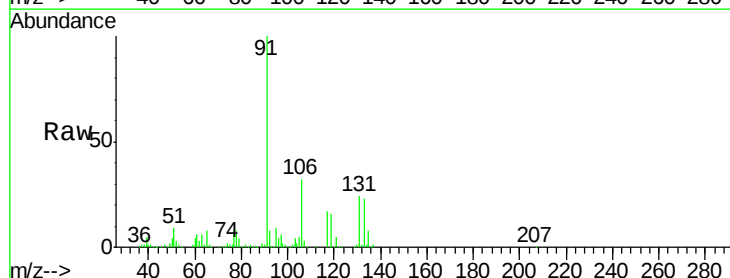
Tgt Ion:131 Resp: 133669

Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.0

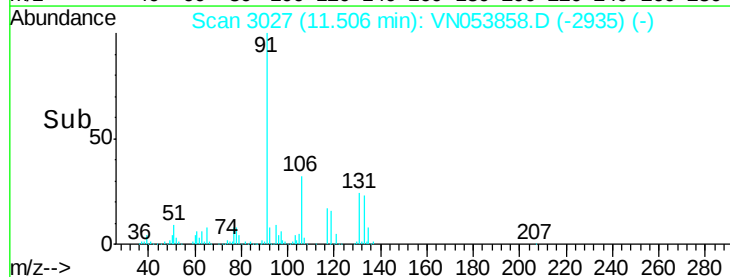
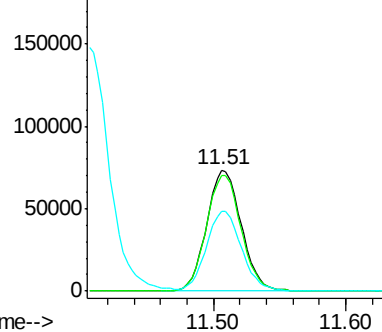
119 67.2 33.5 100.5

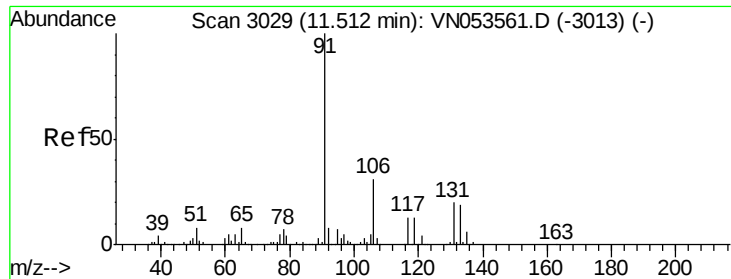


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





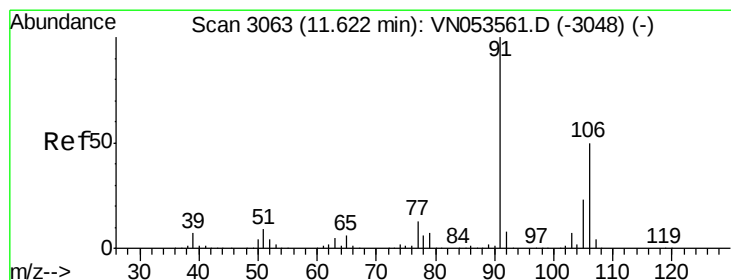
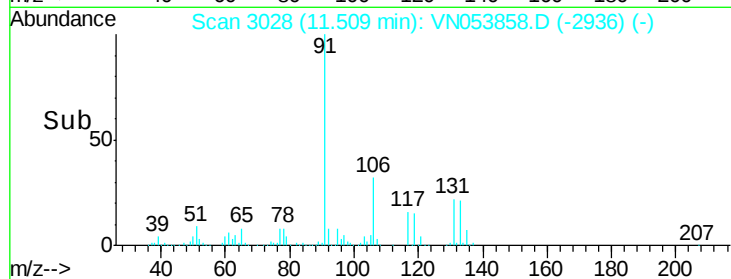
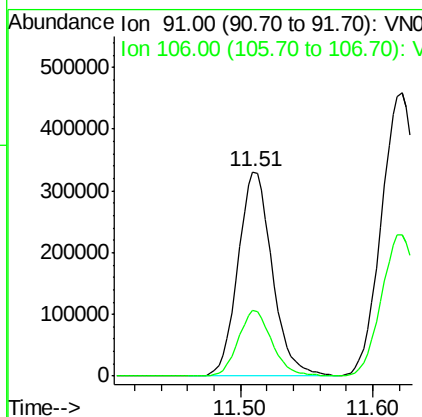
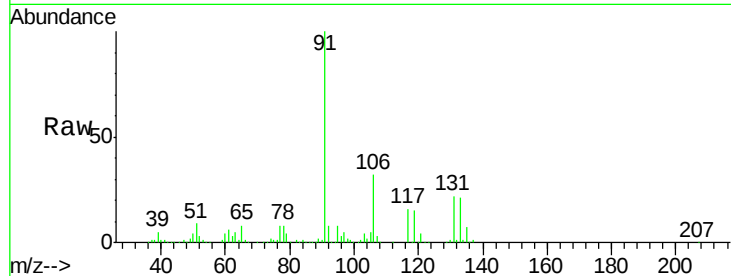
#67  
Ethyl Benzene  
Concen: 19.967 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0219WBS01

Tot Ion: 91 Resp: 593412  
Ion Ratio Lower Upper  
91 100  
106 31.9 25.0 37.6

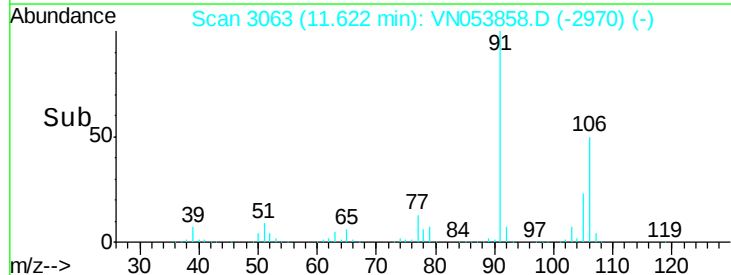
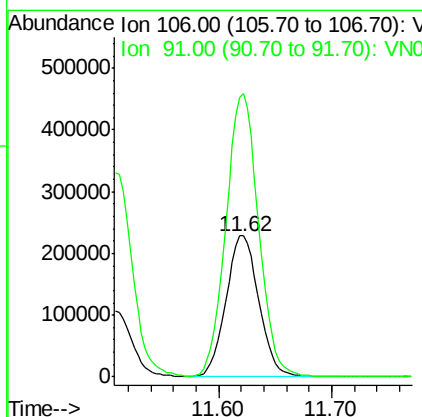
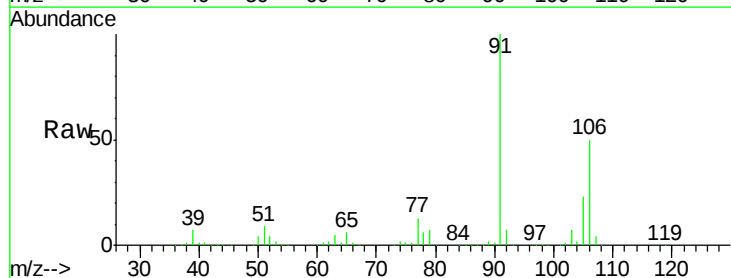
Manual Integrations  
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#68  
m/p-Xylenes  
Concen: 40.636 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Tgt Ion: 106 Resp: 460932  
Ion Ratio Lower Upper  
106 100  
91 199.3 161.4 242.2





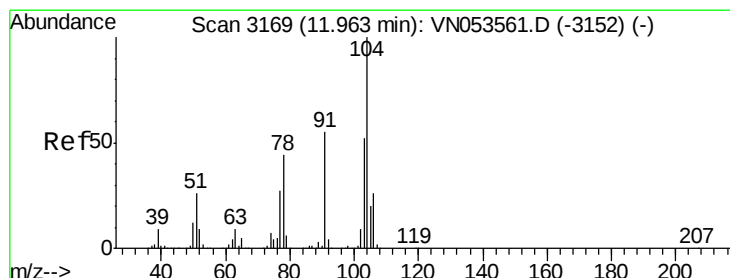
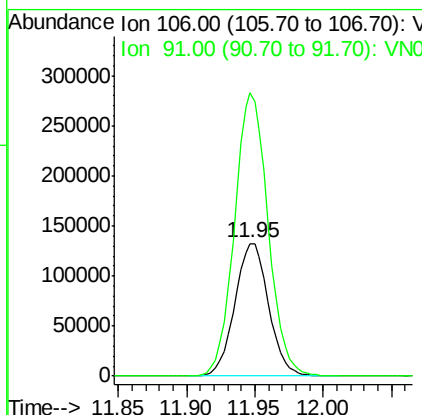
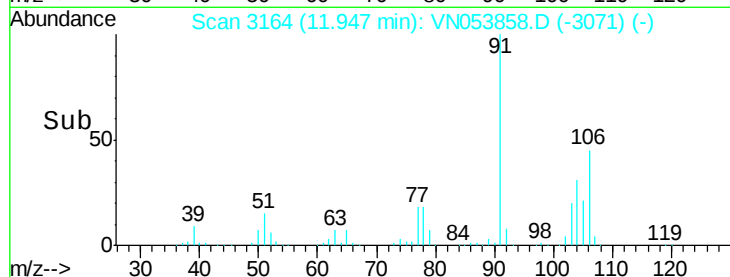
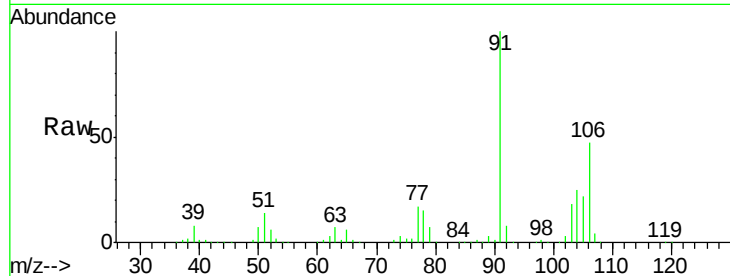
#69  
o-Xylene  
Concen: 20.734 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

Tot Ion:106 Resp: 227205  
Ion Ratio Lower Upper  
106 100  
91 212.4 106.9 320.8

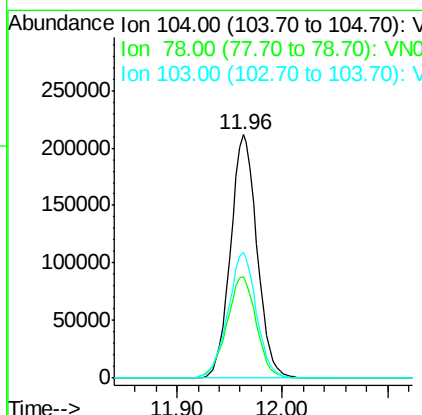
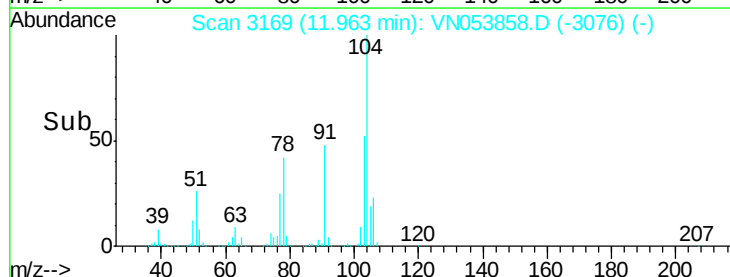
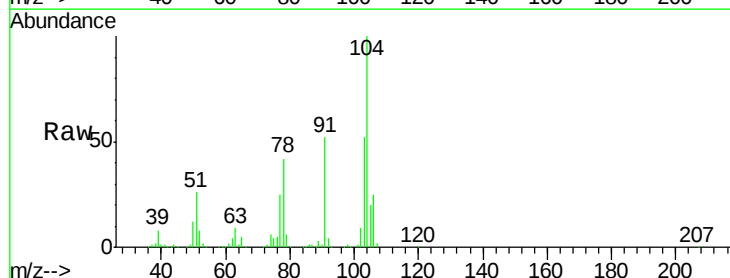
Manual Integrations  
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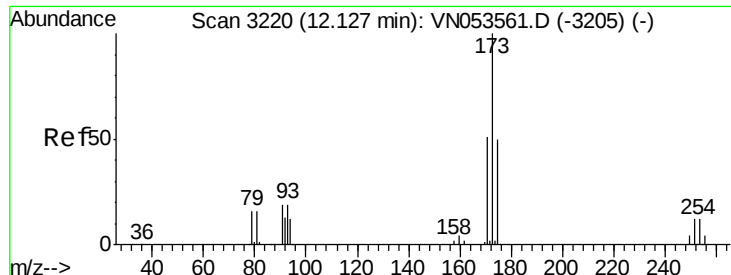
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#70  
Styrene  
Concen: 20.701 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Tgt Ion:104 Resp: 367680  
Ion Ratio Lower Upper  
104 100  
78 46.4 38.2 57.2  
103 55.4 44.4 66.6





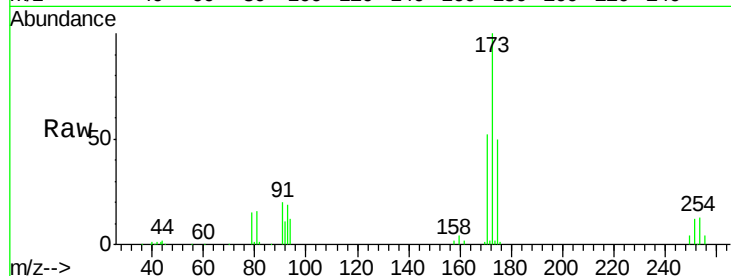
#71  
Bromoform  
Concen: 21.498 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

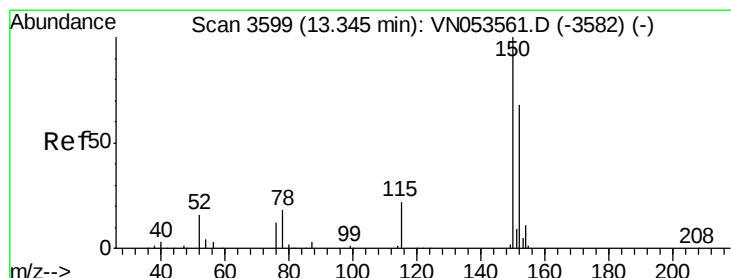
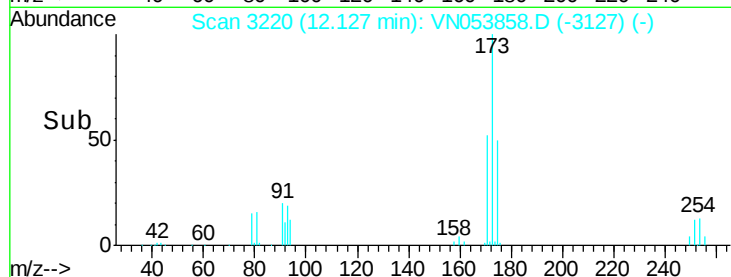
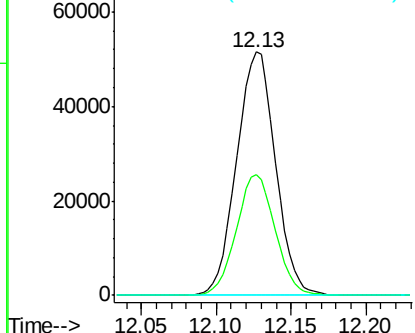
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.3  | 24.6  | 74.0  |
| 254     | 0.0   | 0.2   | 0.2   |

Manual Integrations  
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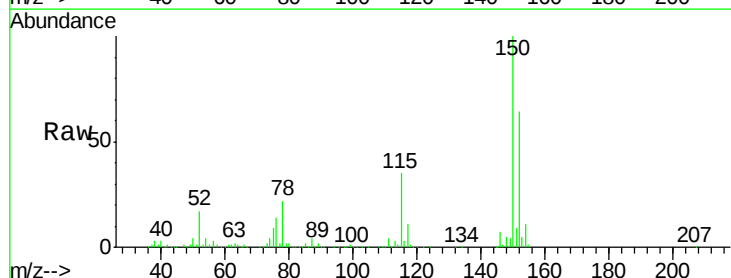


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

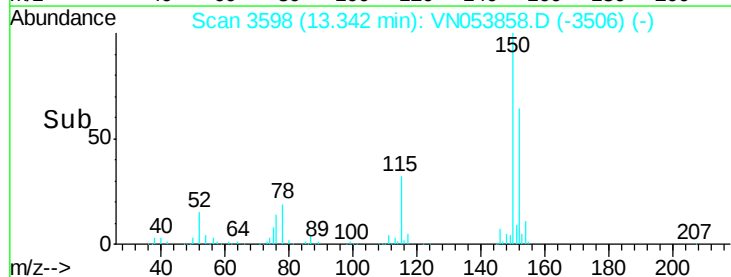
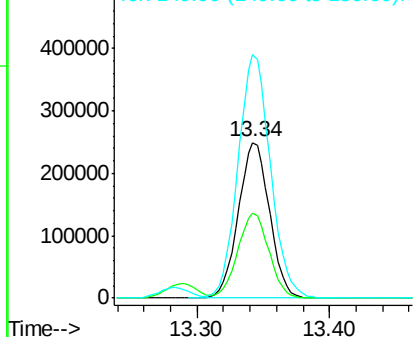


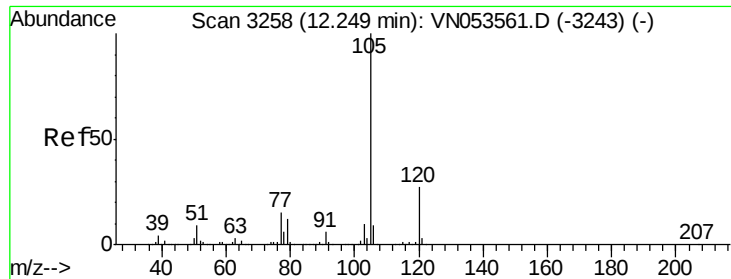
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. -0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.7  | 27.8  | 83.4  |
| 150     | 162.8 | 0.0   | 349.0 |



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





#73

Isopropylbenzene

Concen: 21.102 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0219WBS01

Tot Ion: 105 Resp: 601593

Ion Ratio Lower Upper

105 100

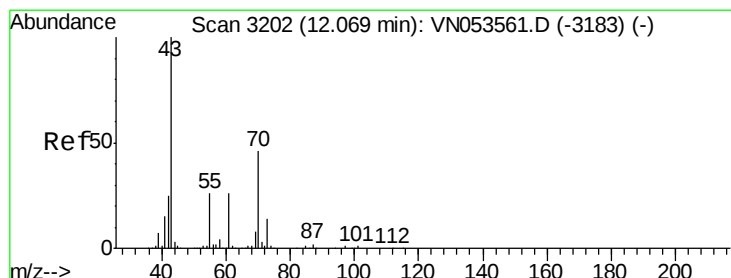
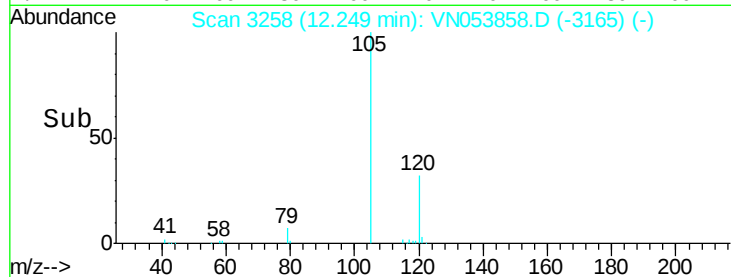
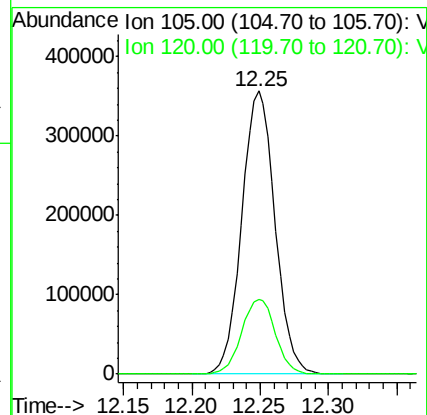
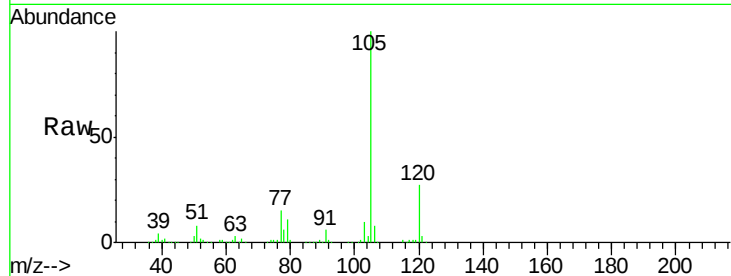
120 27.0 13.6 40.7

Manual Integrations

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MMDadoda

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#74

N-ethyl acetate

Concen: 18.837 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Tgt Ion: 43 Resp: 129135

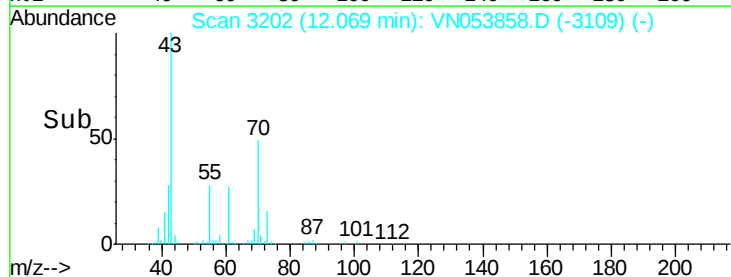
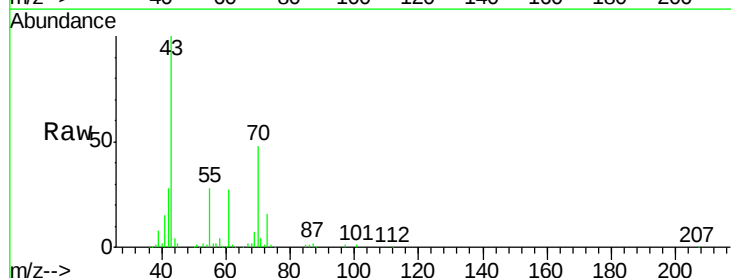
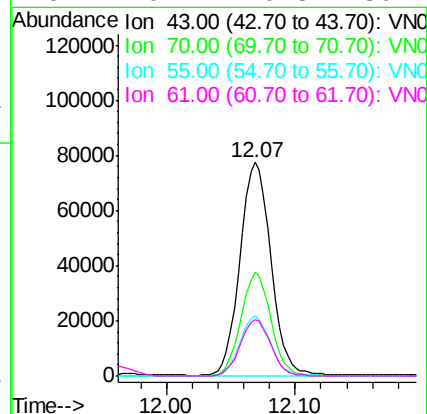
Ion Ratio Lower Upper

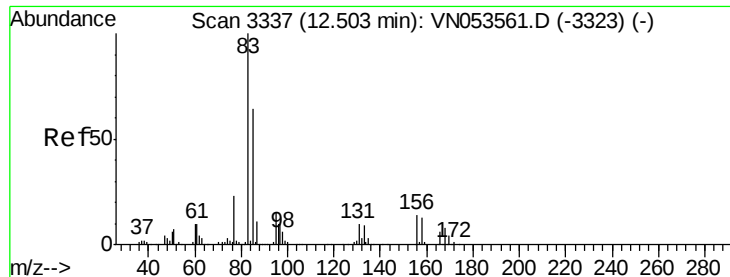
43 100

70 47.1 35.4 53.2

55 27.6 20.9 31.3

61 26.1 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.777 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

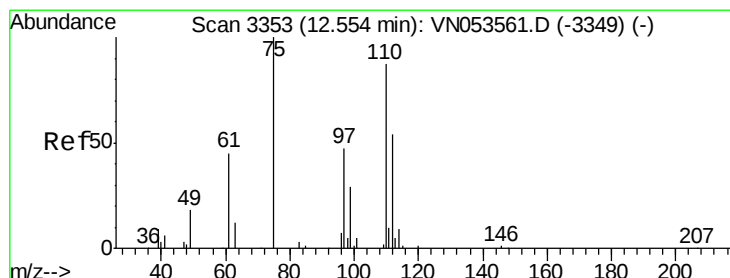
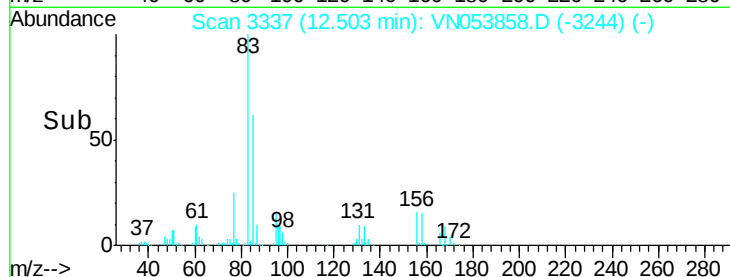
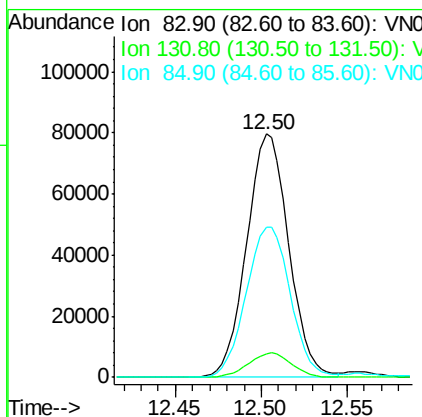
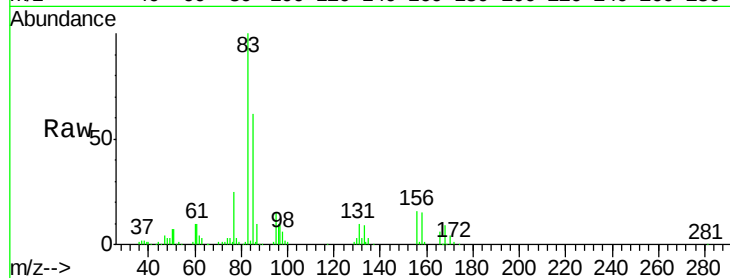
ClientSampleId :

VN0219WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 134933 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.2  | 5.3   | 15.8   |
| 85        | 64.7  | 32.1  | 96.3   |

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#76

1,2,3-Trichloropropane

Concen: 24.919 ug/l m

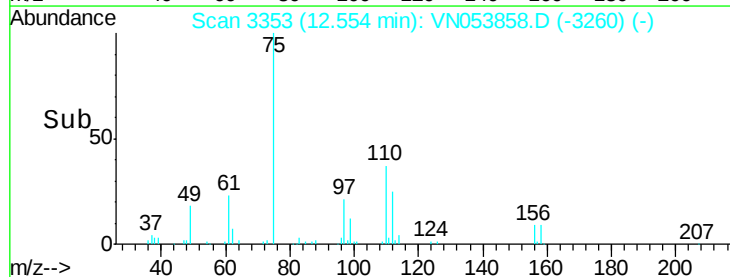
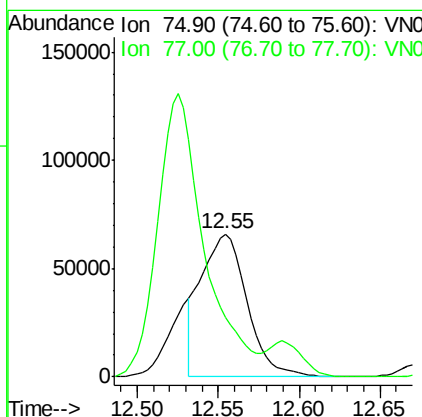
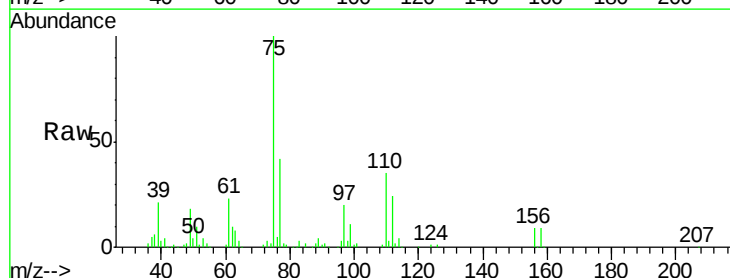
RT: 12.55 min Scan# 3353

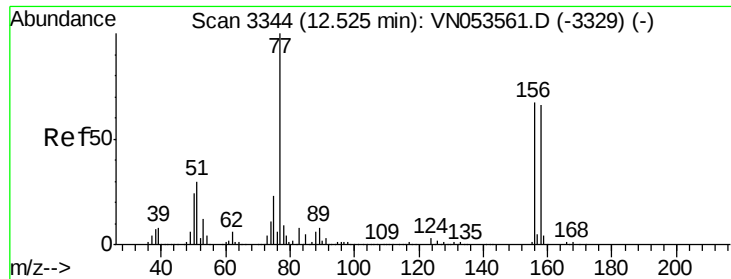
Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 129802 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





#77

Bromobenzene

Concen: 20.616 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

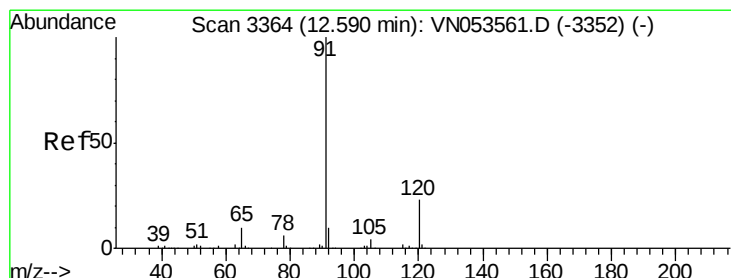
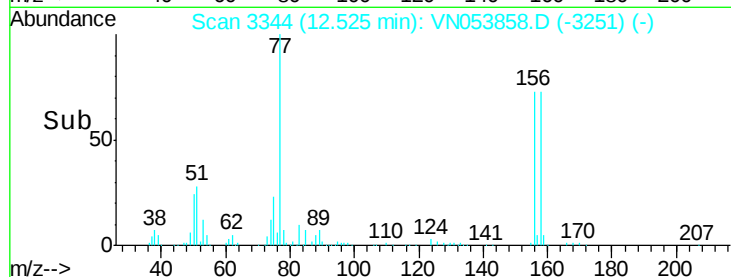
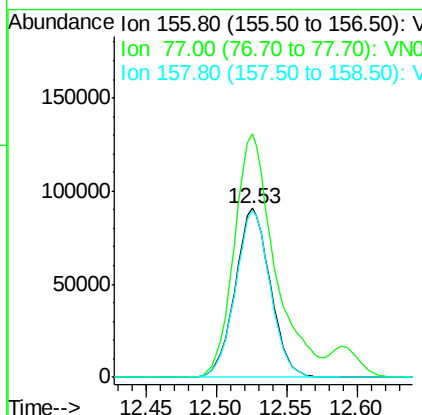
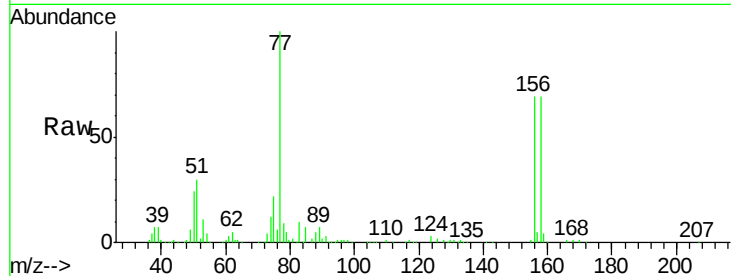
ClientSampleId :

VN0219WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 167.0 | 87.9  | 263.8 |
| 158     | 97.4  | 48.8  | 146.4 |

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#78

n-propylbenzene

Concen: 20.851 ug/l

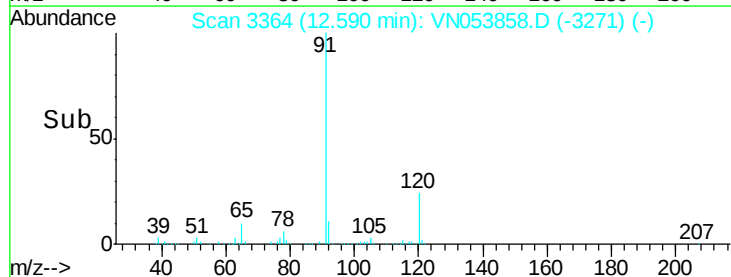
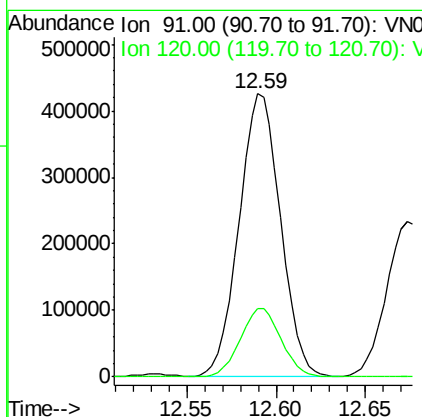
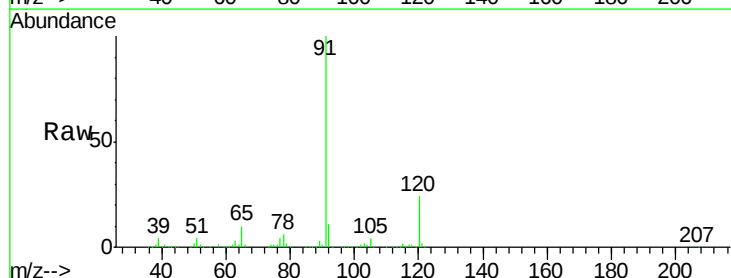
RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.9  | 11.9  | 35.5  |





#79

2-Chlorotoluene

Concen: 20.656 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampled :

VN0219WBS01

Tot Ion: 91 Resp: 403866

Ion Ratio Lower Upper

91 100

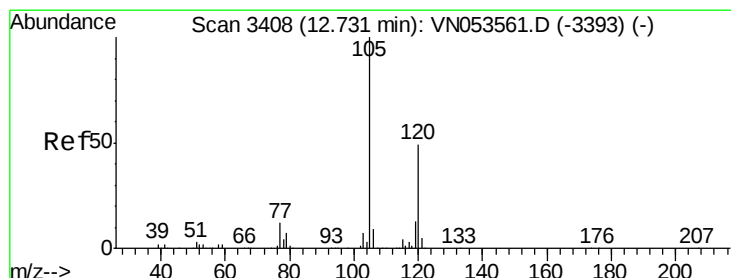
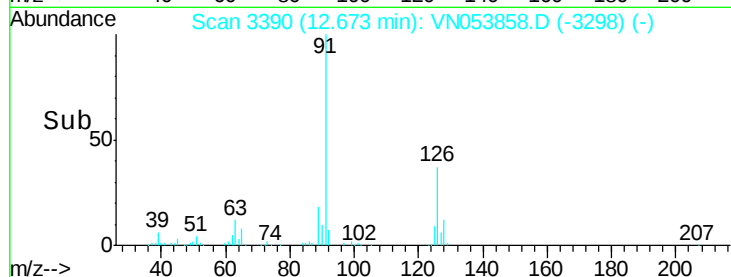
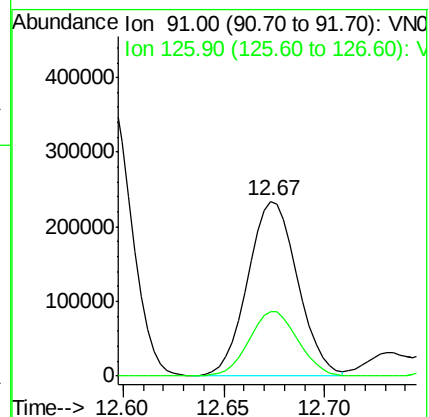
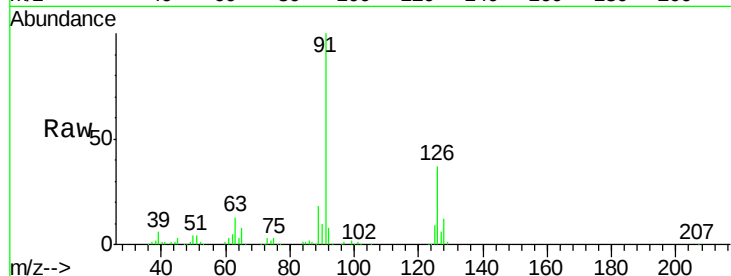
126 36.7 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.498 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053858.D

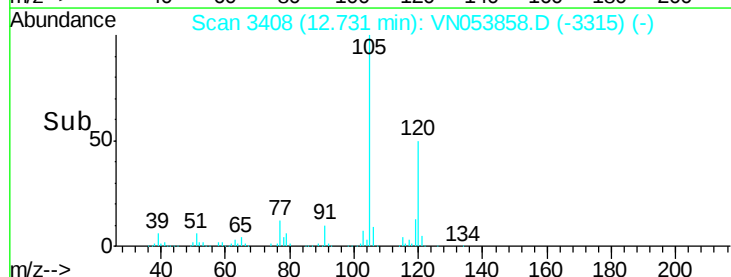
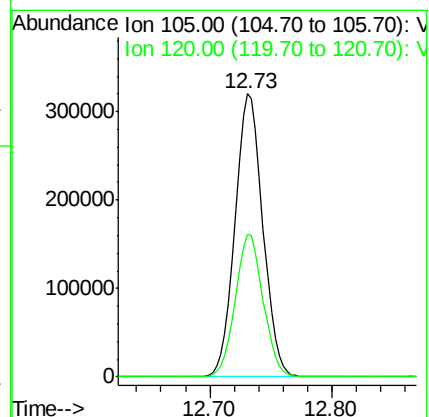
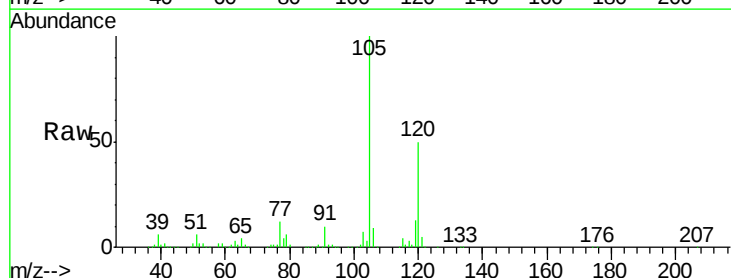
Acq: 19 Feb 2019 10:14

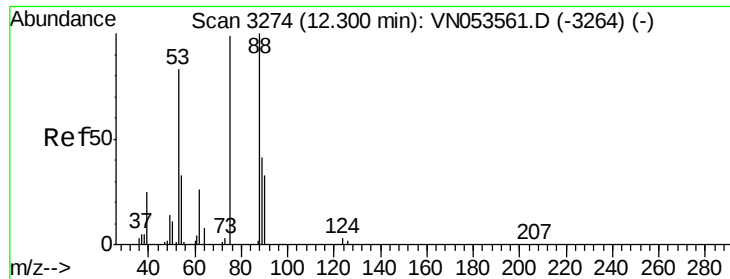
Tgt Ion: 105 Resp: 508224

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.6





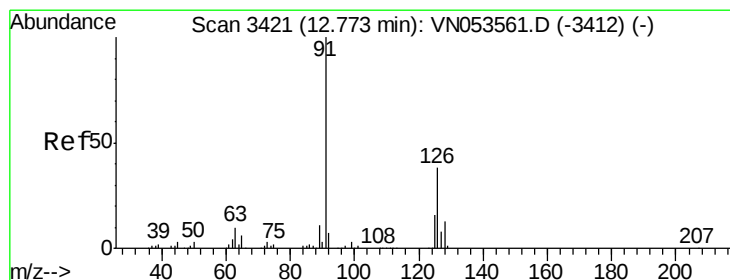
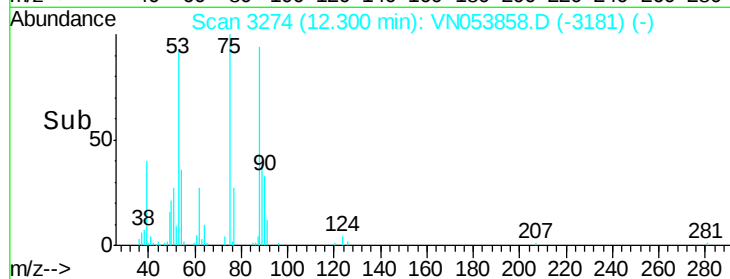
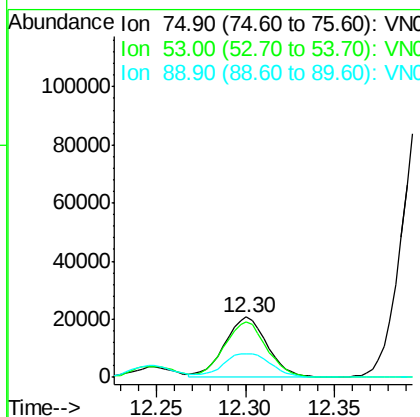
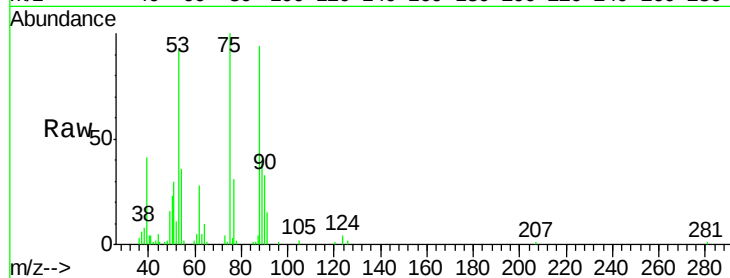
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.550 ug/l  
RT: 12.30 min Scan# 3274  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 92.1  | 69.8  | 104.6 |
| 89      | 44.1  | 35.6  | 53.4  |

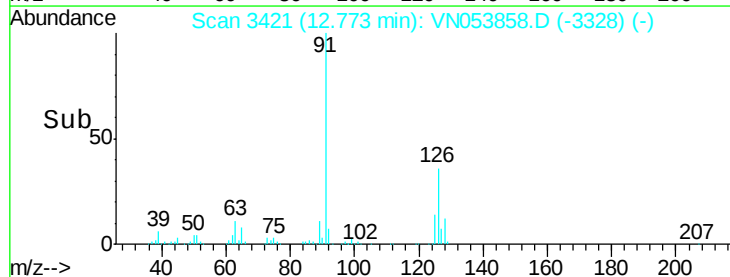
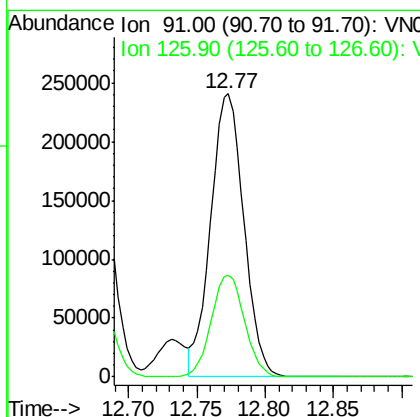
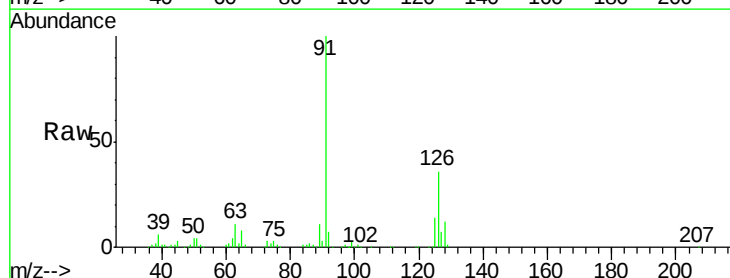
Manual Integrations  
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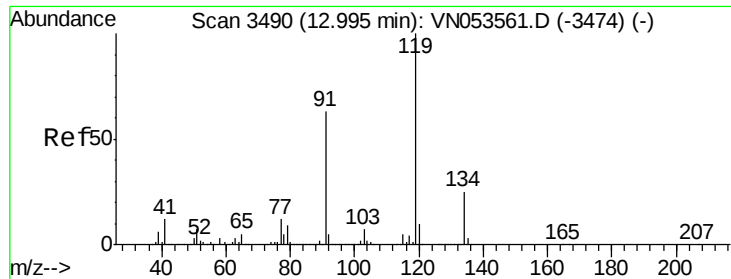
MMDadoda  
2/20/2019 10:14:53 AM



#82  
4-Chlorotoluene  
Concen: 20.244 ug/l  
RT: 12.77 min Scan# 3421  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 36.0  | 17.6  | 52.9  |





#83

tert-Butylbenzene

Concen: 21.417 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

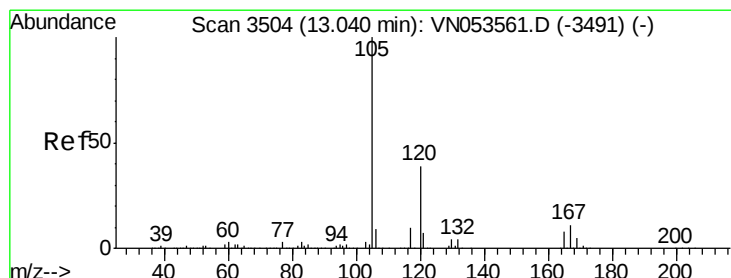
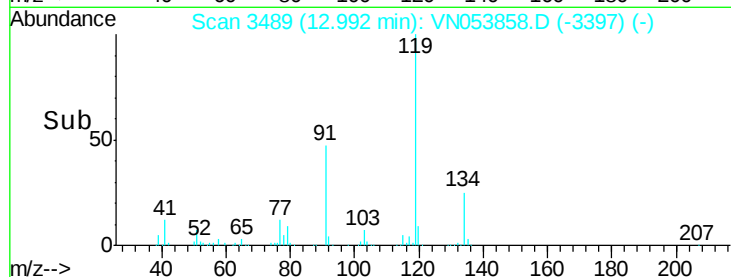
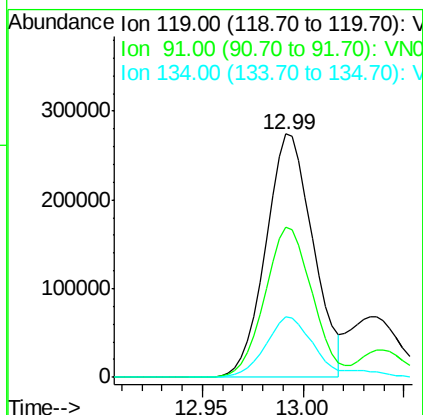
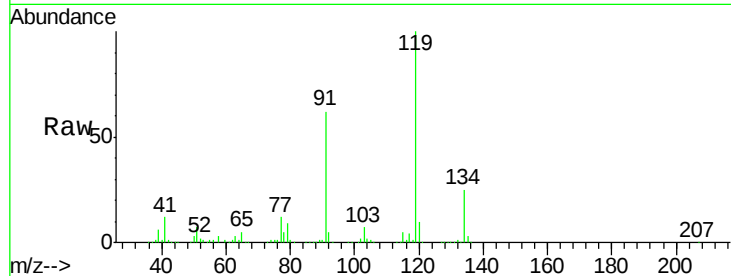
ClientSampled :

VN0219WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 447484 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 61.7  | 31.3  | 93.8   |
| 134       | 24.9  | 12.9  | 38.7   |

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#84

1,2,4-Trimethylbenzene

Concen: 21.576 ug/l

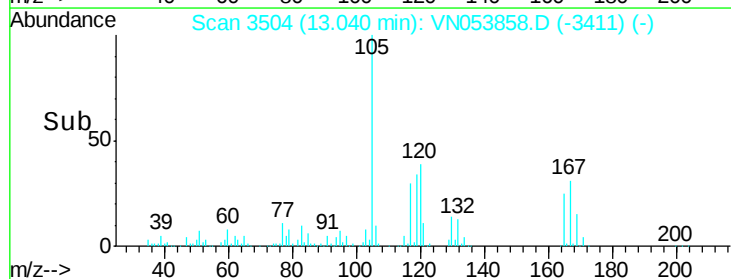
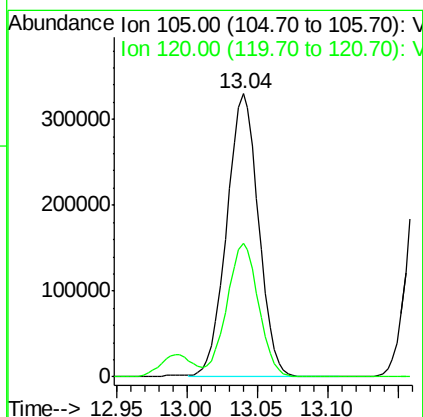
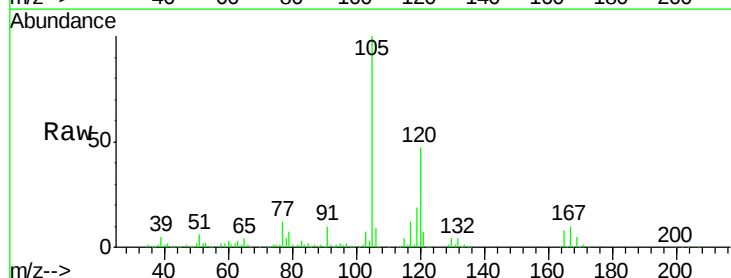
RT: 13.04 min Scan# 3504

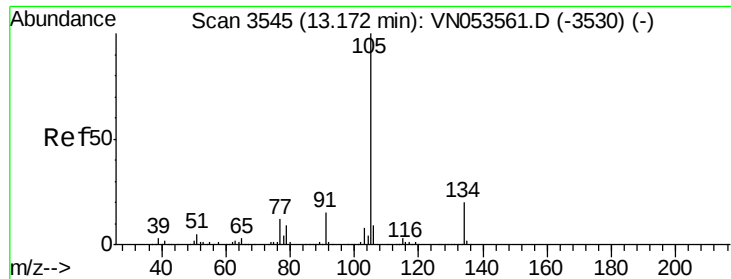
Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 519663 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 47.2  | 23.0  | 69.0   |





#85

sec-Butylbenzene

Concen: 21.861 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

ClientSampled :

VN0219WBS01

Tot Ion:105 Resp: 621573

Ion Ratio Lower Upper

105 100

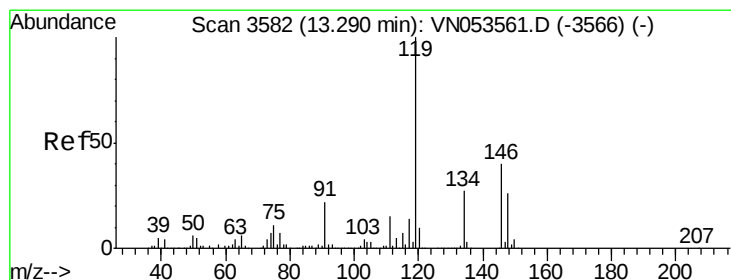
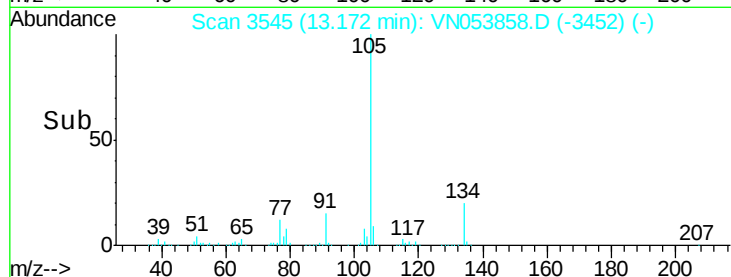
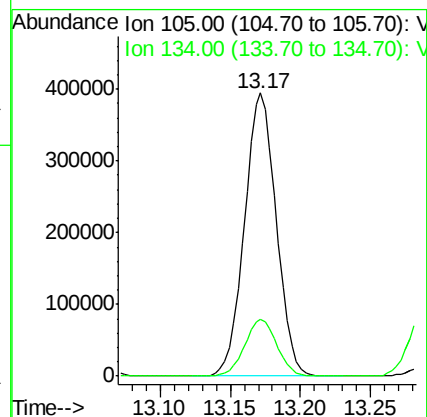
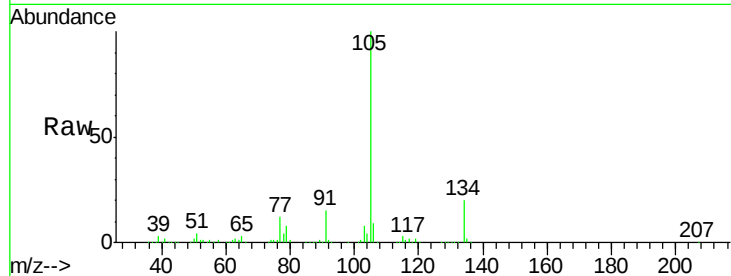
134 20.2 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 21.542 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

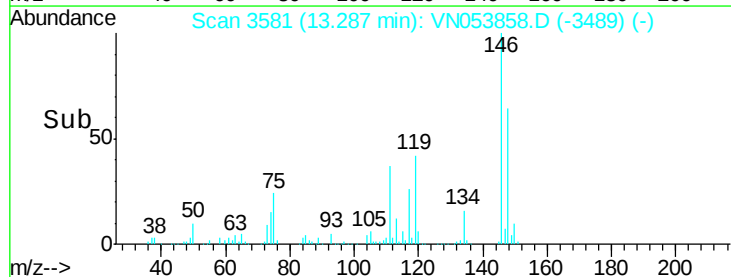
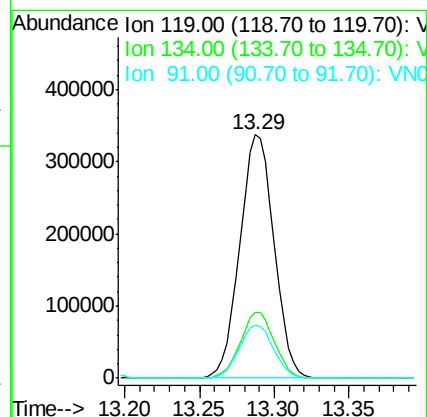
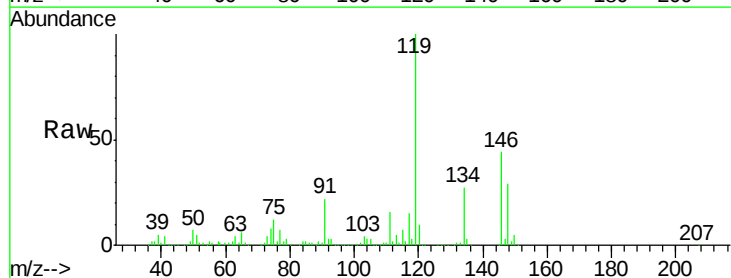
Tgt Ion:119 Resp: 535687

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 21.8 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.980 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

Instrument :

MSVOA\_N

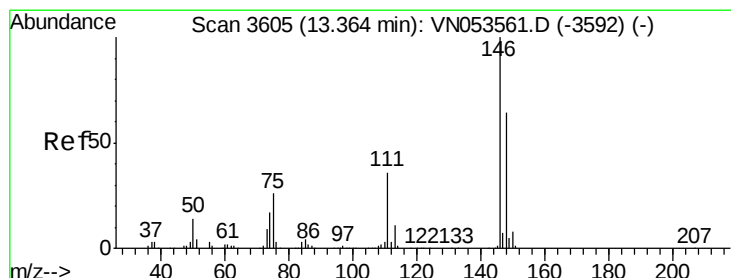
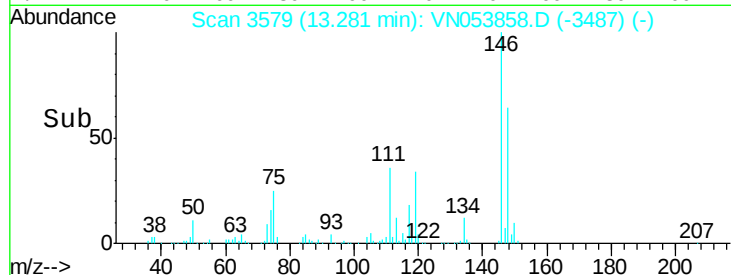
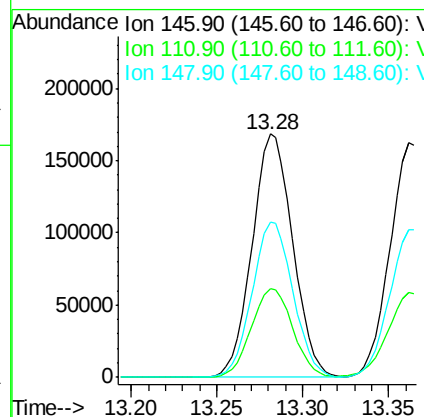
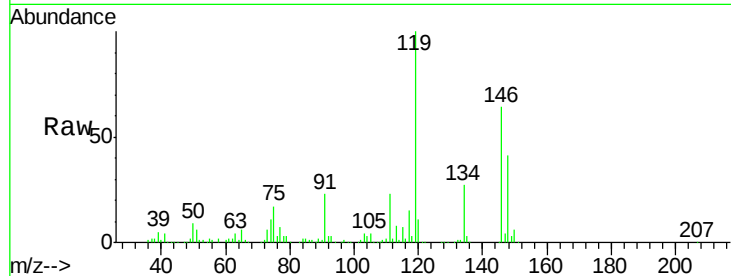
ClientSampleId :

VN0219WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 275970 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 37.2  | 18.8  | 56.3   |
| 148       | 64.2  | 32.0  | 96.2   |

Manual Integrations  
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2/20/2019 10:14:53 AM



#88

1,4-Dichlorobenzene

Concen: 19.821 ug/l

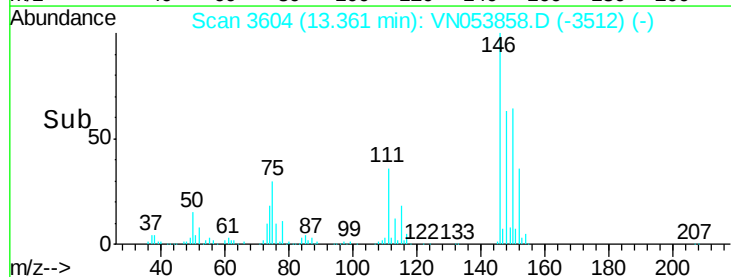
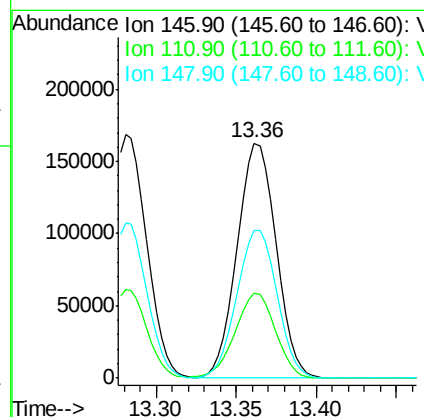
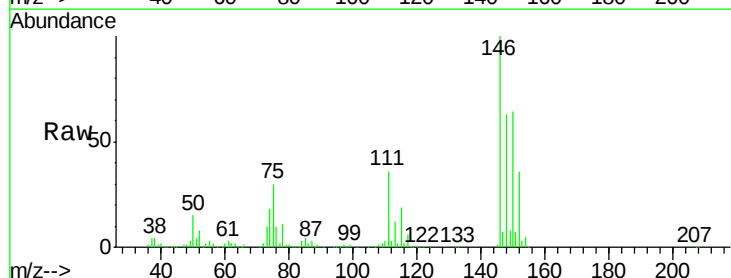
RT: 13.36 min Scan# 3604

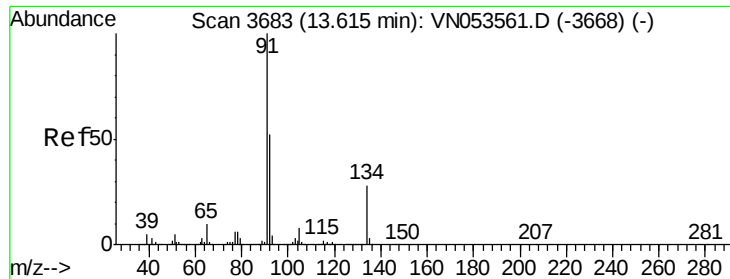
Delta R.T. -0.00 min

Lab File: VN053858.D

Acq: 19 Feb 2019 10:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 270807 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 37.3  | 18.6  | 55.8   |
| 148       | 64.7  | 32.4  | 97.0   |





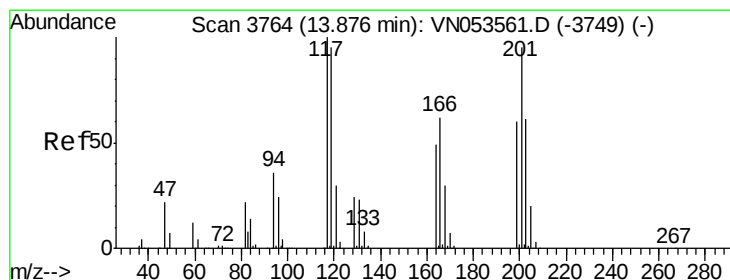
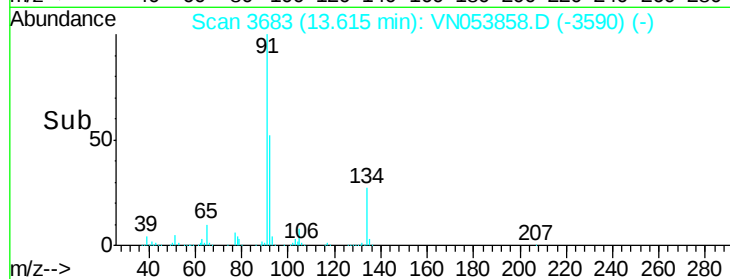
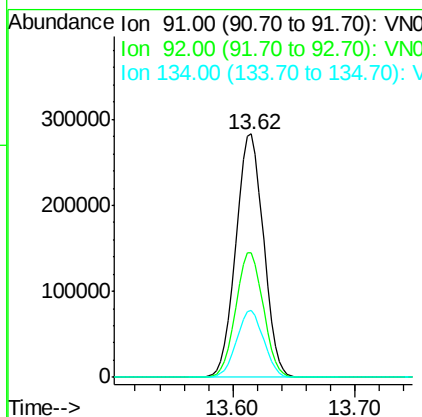
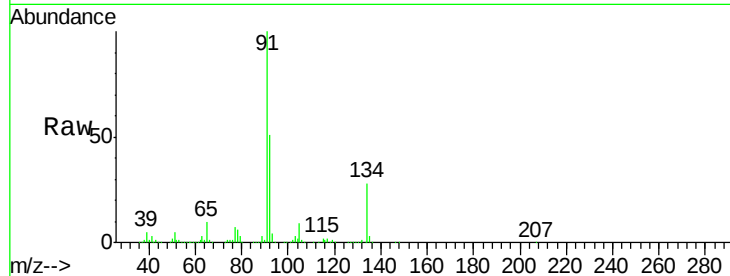
#89  
n-Butylbenzene  
Concen: 20.635 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0219WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.1  | 26.3  | 78.8  |
| 134     | 27.0  | 13.5  | 40.5  |

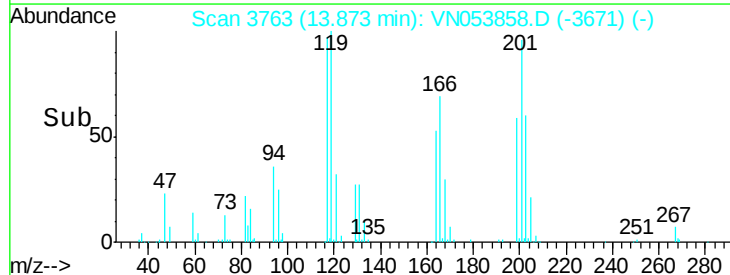
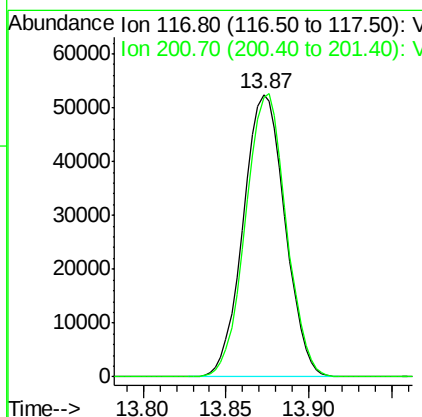
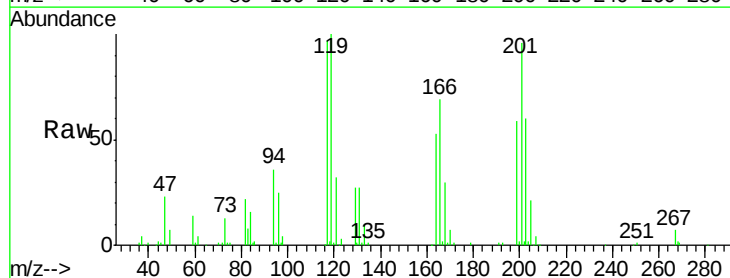
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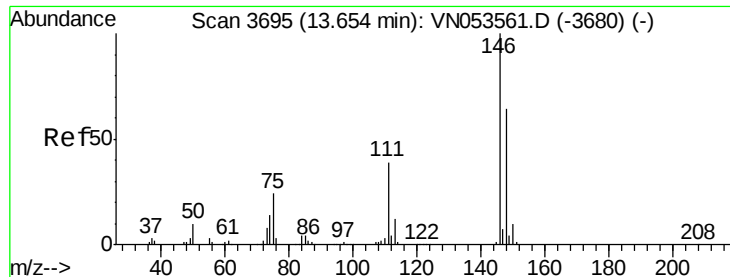
MMDadoda  
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#90  
Hexachloroethane  
Concen: 22.440 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. -0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 97.3  | 46.8  | 140.4 |





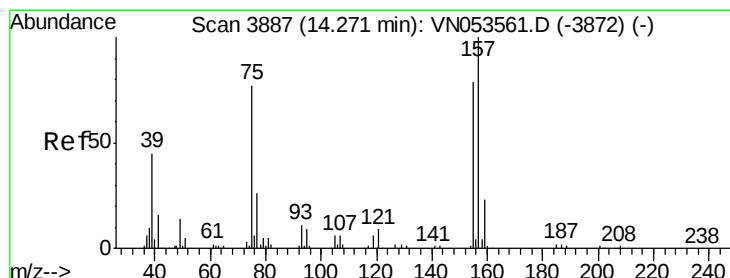
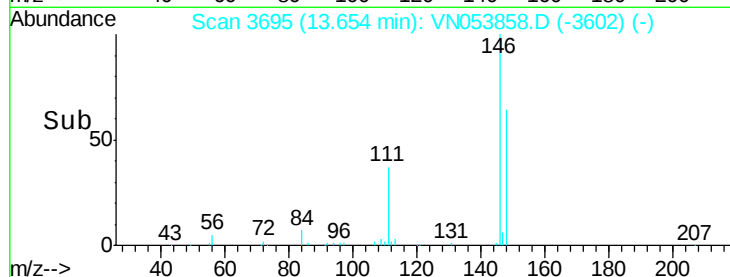
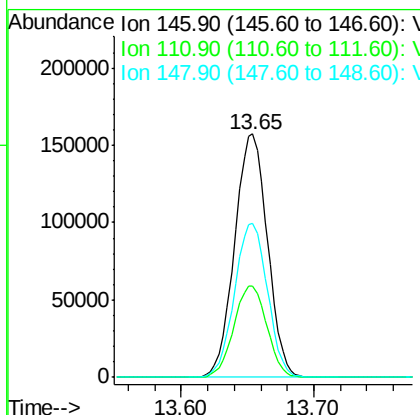
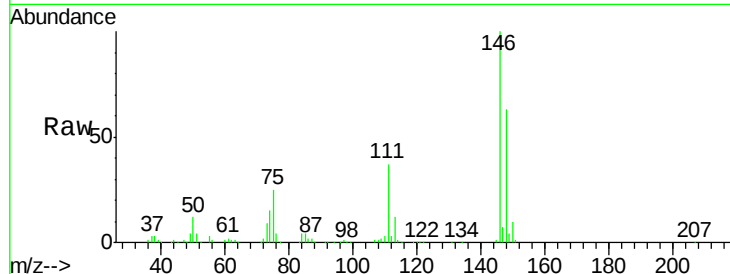
#91  
 1,2-Dichlorobenzene  
 Concen: 20.413 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0219WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.8  | 19.5  | 58.5  |
| 148     | 63.5  | 31.9  | 95.9  |

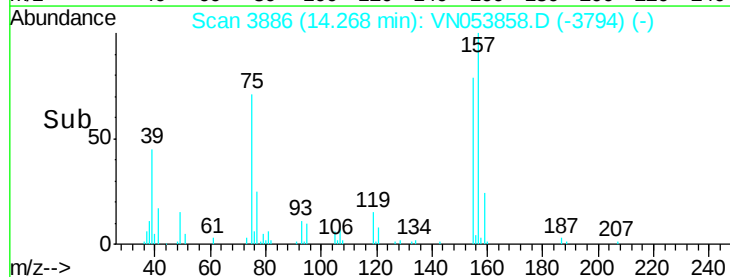
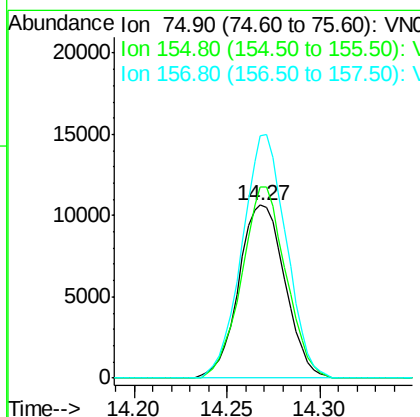
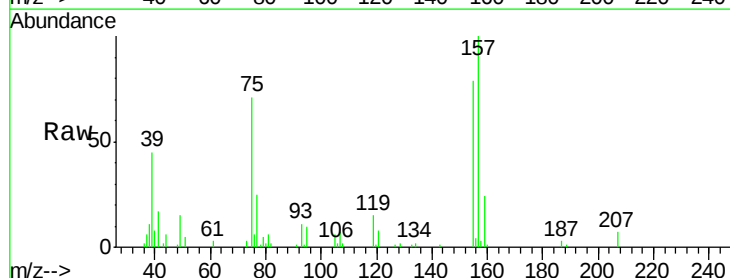
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.947 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. -0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 105.9 | 48.9  | 146.7 |
| 157     | 134.5 | 63.7  | 191.3 |





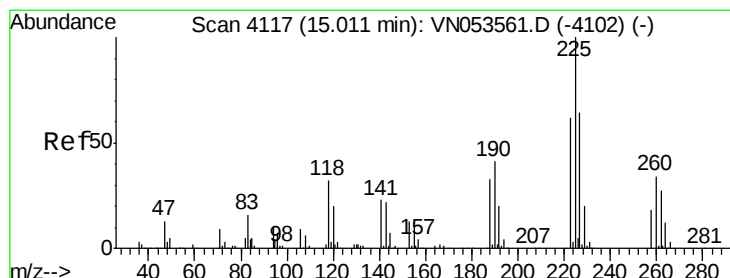
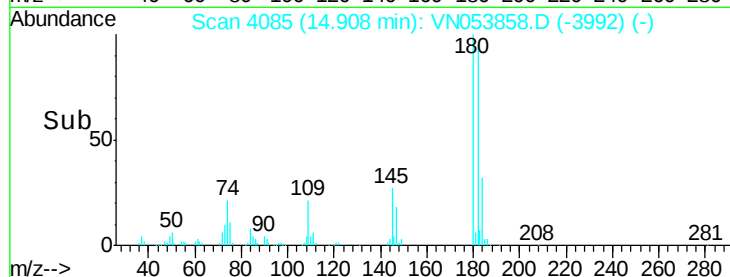
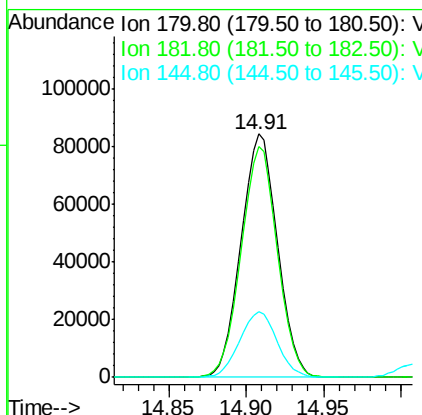
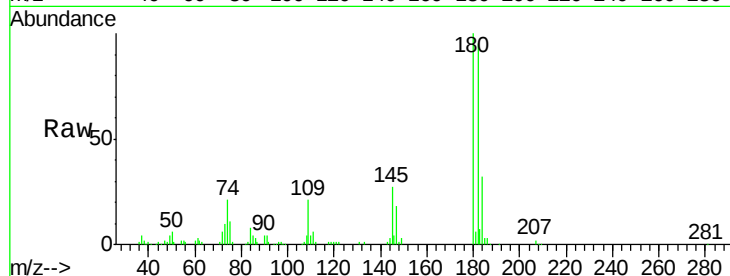
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.221 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0219WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 138181 |       |       |
| 182     | 94.2  | 48.1   | 144.3 |       |
| 145     | 27.6  | 13.9   | 41.6  |       |

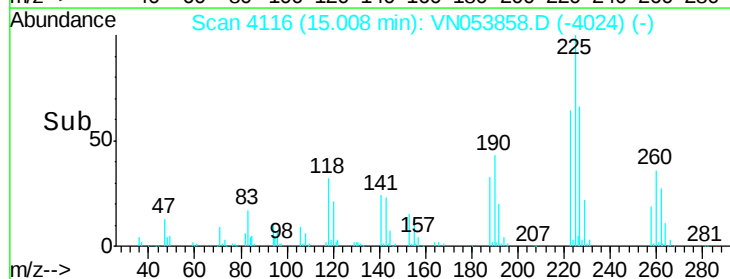
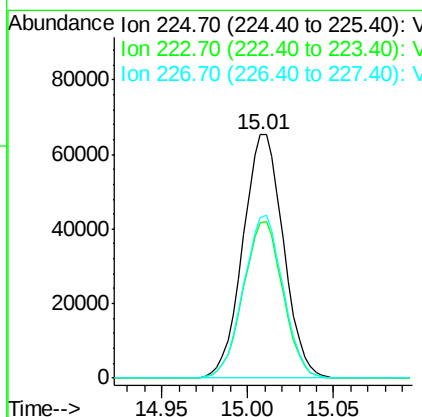
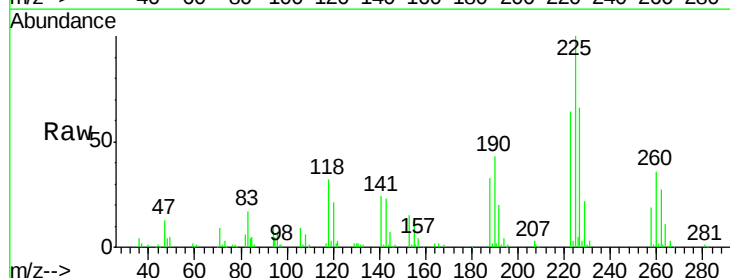
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#94  
 Hexachlorobutadiene  
 Concen: 22.656 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. -0.00 min  
 Lab File: VN053858.D  
 Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 107002 |       |       |
| 223     | 62.9  | 31.1   | 93.2  |       |
| 227     | 65.5  | 32.0   | 96.2  |       |





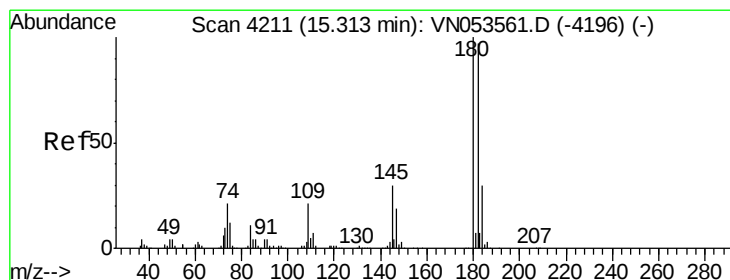
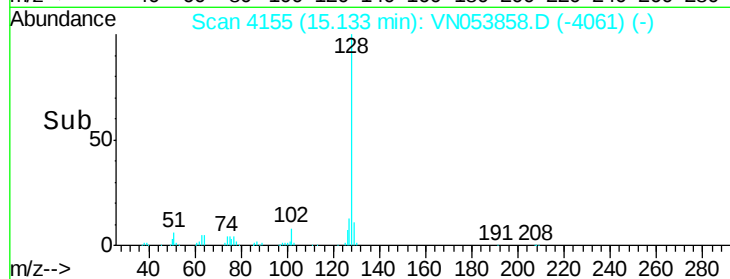
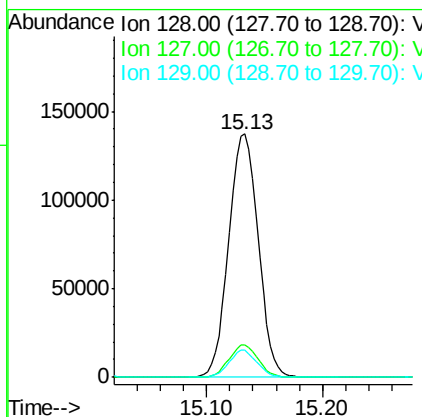
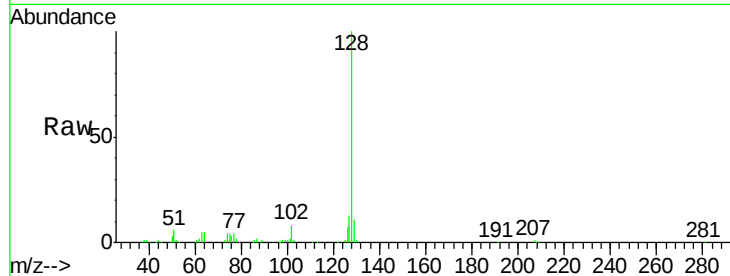
#95  
Naphthalene  
Concen: 14.809 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0219WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 241269 |       |       |
| 127     | 13.1  |        | 10.3  | 15.5  |
| 129     | 10.6  |        | 8.6   | 13.0  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 19.030 ug/l  
RT: 15.31 min Scan# 4211  
Delta R.T. 0.00 min  
Lab File: VN053858.D  
Acq: 19 Feb 2019 10:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 133908 |       |       |
| 182     | 94.6  |        | 47.9  | 143.8 |
| 145     | 29.5  |        | 14.7  | 44.1  |

