

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011119\  
 Data File : VX007014.D  
 Acq On : 11 Jan 2019 15:30  
 Operator : JC/SP  
 Sample : VX0111WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0111WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 1/14/2019 10:40:42 AM

Quant Time: Jan 11 22:28:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 543799   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 800276   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 738040   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 377885   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65   | 282002   | 49.62 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 99.24%  |          |
| 35) Dibromofluoromethane    | 5.50   | 113  | 247695   | 48.33 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 96.66%  |          |
| 50) Toluene-d8              | 8.71   | 98   | 929856   | 49.57 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 99.14%  |          |
| 62) 4-Bromofluorobenzene    | 11.13  | 95   | 336208   | 51.41 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 102.82% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 94582    | 21.180  | ug/l  | 98     |
| 3) Chloromethane              | 1.33 | 50   | 107898   | 20.755  | ug/l  | 97     |
| 4) Vinyl Chloride             | 1.41 | 62   | 113247   | 20.251  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 111649   | 18.687  | ug/l  | 97     |
| 6) Chloroethane               | 1.72 | 64   | 71780    | 18.383  | ug/l  | 95     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 174859   | 19.352  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.19 | 74   | 70200    | 19.528  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 103490   | 19.131  | ug/l  | 100    |
| 10) Methyl Iodide             | 2.51 | 142  | 156062   | 21.387  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59   | 134520   | 100.342 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 95973    | 19.203  | ug/l  | 97     |
| 13) Acrolein                  | 2.29 | 56   | 41045    | 73.197  | ug/l  | 98     |
| 14) Allyl chloride            | 2.73 | 41   | 163251   | 19.059  | ug/l  | 98     |
| 15) Acrylonitrile             | 3.15 | 53   | 307985   | 100.074 | ug/l  | 100    |
| 16) Acetone                   | 2.45 | 43   | 267814   | 95.322  | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.57 | 76   | 211392   | 16.428  | ug/l  | 98     |
| 18) Methyl Acetate            | 2.78 | 43   | 159233   | 19.571  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 345098   | 19.894  | ug/l  | 98     |
| 20) Methylene Chloride        | 2.86 | 84   | 112735   | 20.765  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 103121   | 18.515  | ug/l  | 97     |
| 22) Diisopropyl ether         | 3.87 | 45   | 312319   | 19.395  | ug/l  | 94     |
| 23) Vinyl Acetate             | 3.82 | 43   | 1265947  | 93.221  | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 172787   | 19.189  | ug/l  | 100    |
| 25) 2-Butanone                | 4.70 | 43   | 393510   | 97.886  | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 115919   | 16.742  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 116827   | 19.017  | ug/l  | 98     |
| 28) Bromochloromethane        | 5.02 | 49   | 82133    | 20.819  | ug/l  | 98     |
| 29) Tetrahydrofuran           | 5.15 | 42   | 257605   | 98.602  | ug/l  | 98     |
| 30) Chloroform                | 5.21 | 83   | 181930   | 19.298  | ug/l  | 97     |
| 31) Cyclohexane               | 5.57 | 56   | 153742   | 19.184  | ug/l  | 94     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 152721   | 19.112  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 131644   | 18.921  | ug/l  | 98     |
| 37) Ethyl Acetate             | 4.85 | 43   | 148557   | 19.916  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 126960   | 18.136  | ug/l  | 98     |

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 Sample : VX0111WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0111WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 1/14/2019 10:40:42 AM

Quant Time: Jan 11 22:28:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 165134   | 18.617  | ug/l   | 98       |
| 40) Benzene                    | 6.14  | 78   | 413981   | 19.500  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 81428    | 18.949  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 143503   | 19.561  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 232958   | 19.799  | ug/l   | 98       |
| 44) Trichloroethene            | 7.21  | 130  | 118613   | 18.644  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 101297   | 18.979  | ug/l   | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 72306    | 19.276  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 116672   | 18.273  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 117042   | 19.370  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 56226    | 402.341 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 783938   | 103.674 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 266592   | 19.537  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 126002   | 17.797  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 143841   | 18.397  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 109875   | 20.117  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 164022   | 20.571  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 174839   | 19.540  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 417424   | 101.821 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 600174   | 104.154 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 101022   | 19.048  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 116972   | 19.454  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 125779   | 19.685  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 311855   | 19.373  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 101610   | 18.764  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 505447   | 19.020  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 402309   | 38.426  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 196923   | 19.286  | ug/l   | 96       |
| 70) Styrene                    | 10.71 | 104  | 317338   | 19.623  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 71245    | 18.043  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 521783   | 19.582  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 204454   | 19.057  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 162705   | 19.234  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 148057m  | 19.334  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 144056   | 19.621  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 579944   | 19.826  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 344936   | 19.589  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 427172   | 19.186  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 35401    | 16.678  | ug/l   | 88       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 396507   | 19.448  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 432174   | 19.455  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 444724   | 19.863  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 517124   | 19.492  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 462008   | 19.469  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 251808   | 18.975  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 251995   | 20.128  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 383501   | 18.958  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 60365    | 17.916  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 248233   | 18.955  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 30079    | 17.979  | ug/l   | 99       |

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Sample : VX0111WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

Manual Integrations  
APPROVED

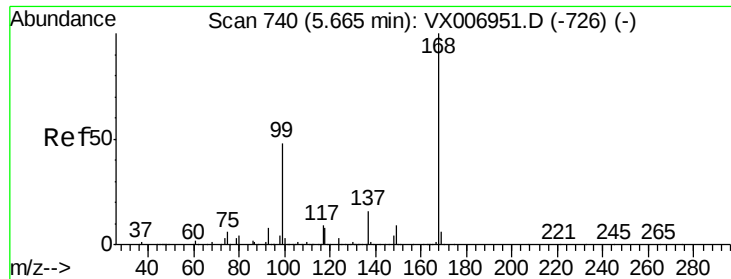
MMDadoda  
1/14/2019 10:40:42 AM

Quant Time: Jan 11 22:28:26 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 08 14:06:59 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 169512   | 18.866 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 76568    | 19.204 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 526225   | 19.328 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 167733   | 18.793 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion:168 Resp: 543799

Ion Ratio Lower Upper

168 100

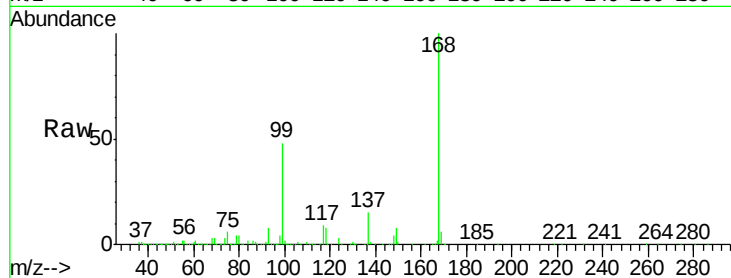
99 47.6 41.8 62.8

Manual Integrations

APPROVED

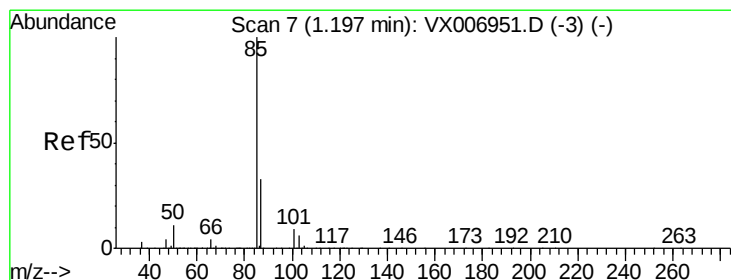
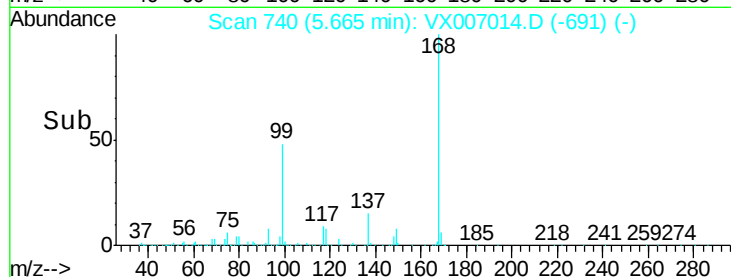
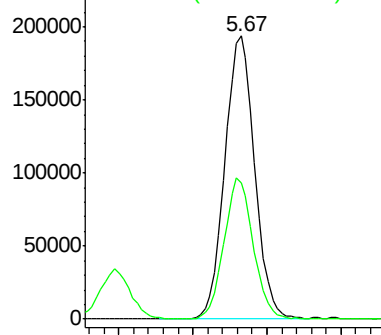
MMDadoda

1/14/2019 10:40:42 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.180 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007014.D

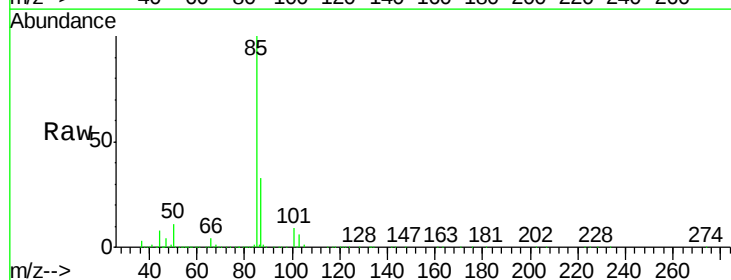
Acq: 11 Jan 2019 15:30

Tgt Ion: 85 Resp: 94582

Ion Ratio Lower Upper

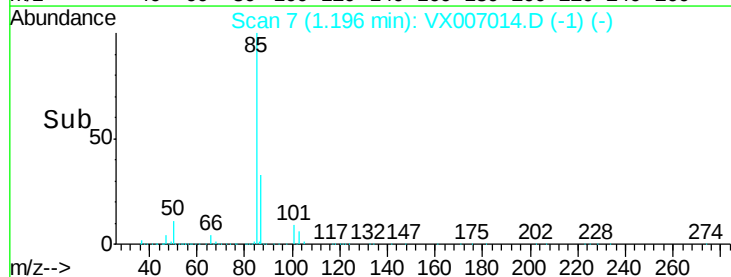
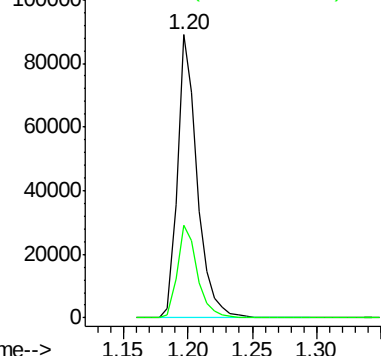
85 100

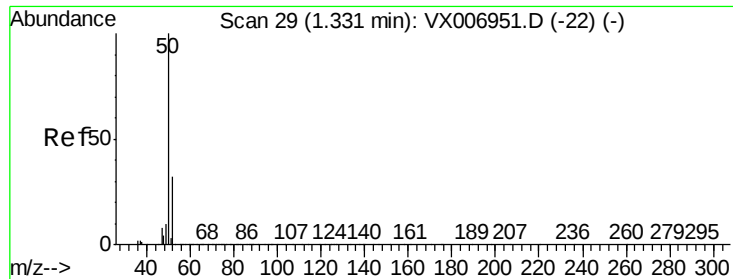
87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.755 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 50 Resp: 107898

Ion Ratio Lower Upper

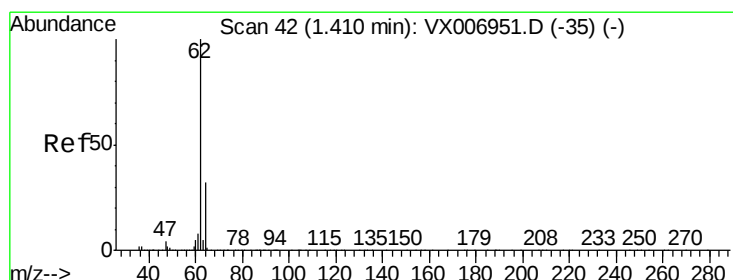
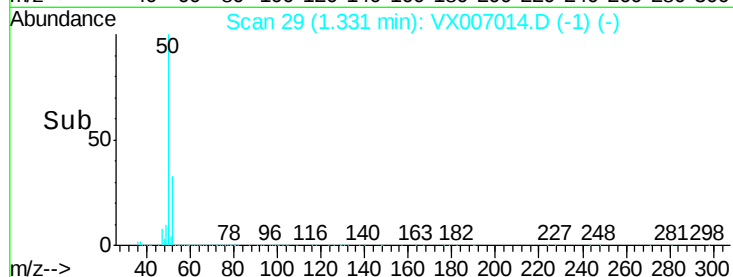
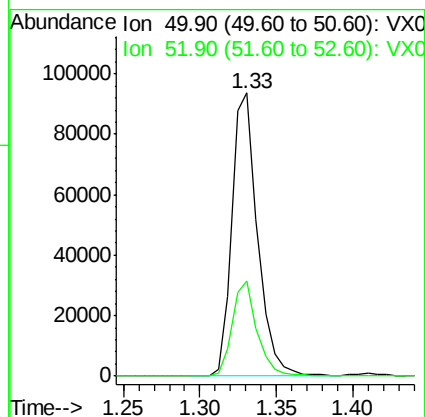
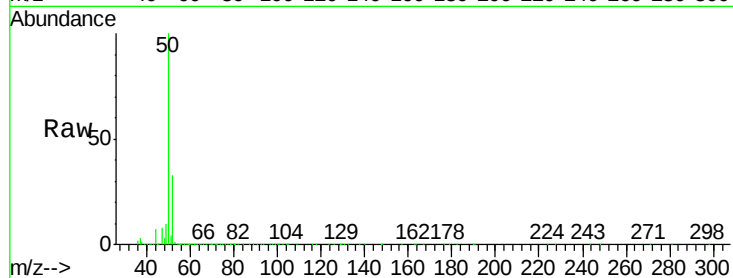
50 100

52 33.4 25.4 38.2

Manual Integrations  
APPROVED

MMDadoda

1/14/2019 10:40:42 AM



#4

Vinyl Chloride

Concen: 20.251 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007014.D

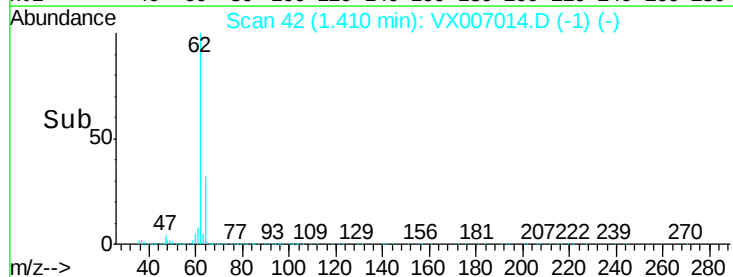
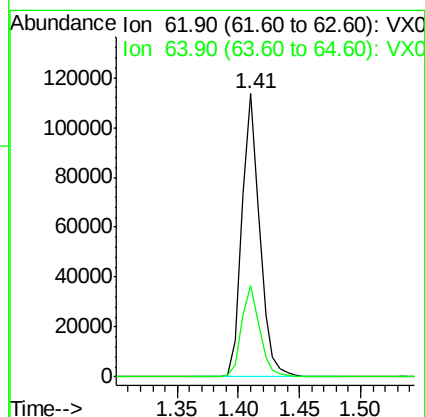
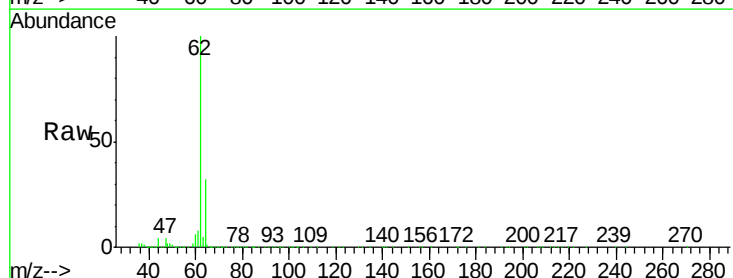
Acq: 11 Jan 2019 15:30

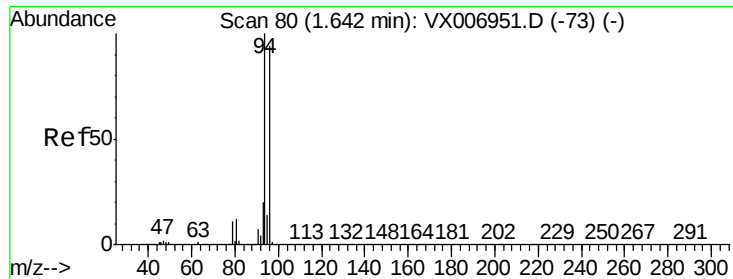
Tgt Ion: 62 Resp: 113247

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 18.687 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 94 Resp: 111649

Ion Ratio Lower Upper

94 100

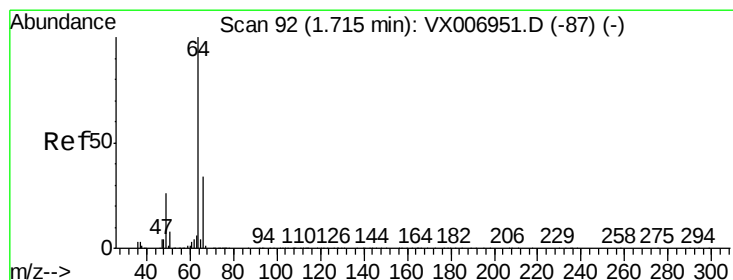
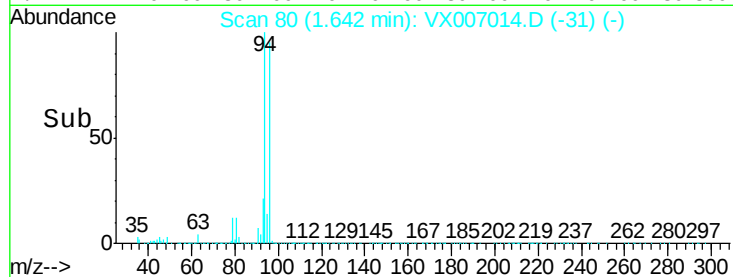
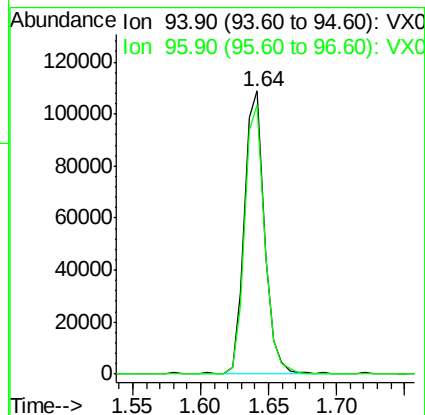
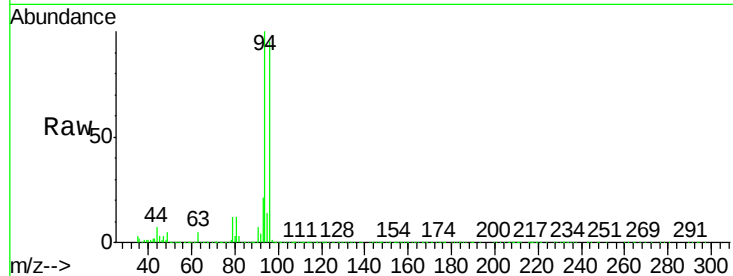
96 95.1 73.4 110.2

Manual Integrations

APPROVED

MMDadoda

1/14/2019 10:40:42 AM



#6

Chloroethane

Concen: 18.383 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007014.D

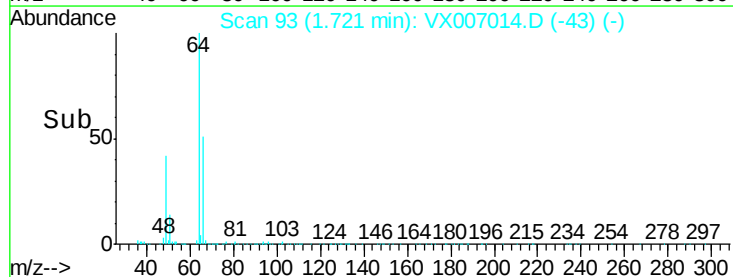
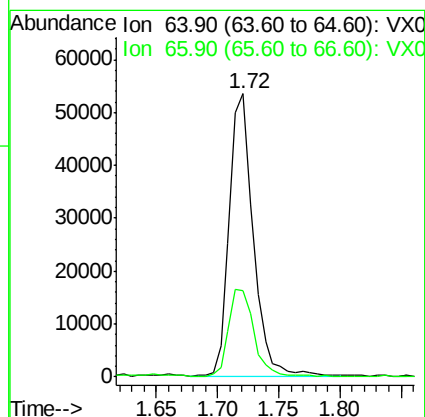
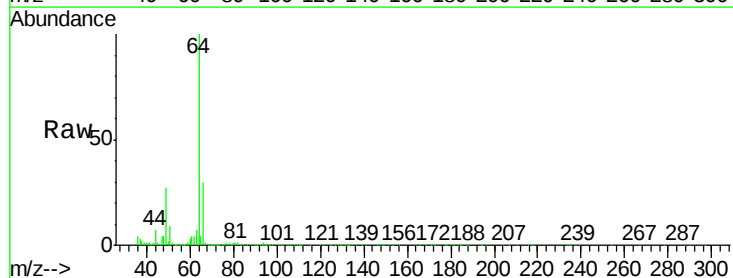
Acq: 11 Jan 2019 15:30

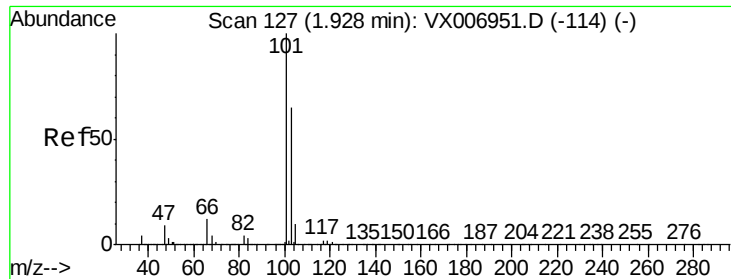
Tgt Ion: 64 Resp: 71780

Ion Ratio Lower Upper

64 100

66 30.4 26.4 39.6





#7

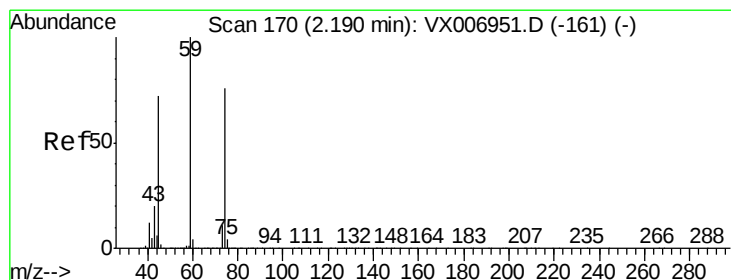
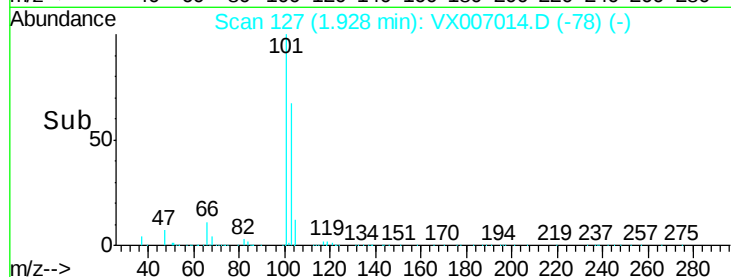
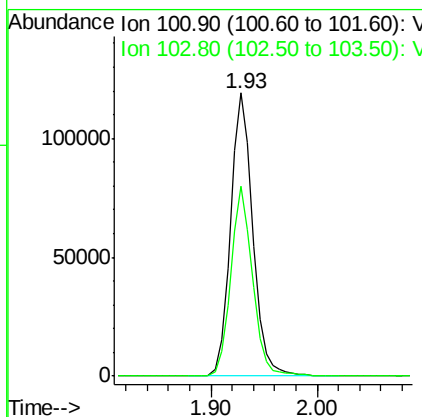
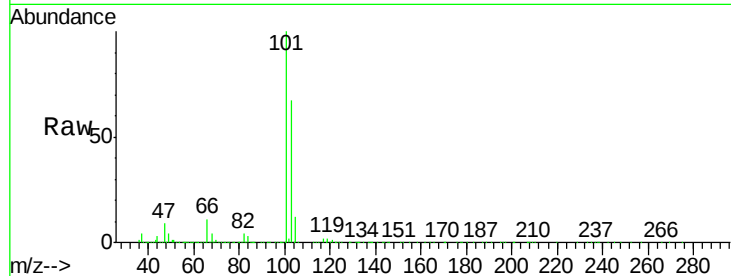
Trichlorofluoromethane  
Concen: 19.352 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 67.0  | 53.2  | 79.8  |

Manual Integrations  
APPROVED

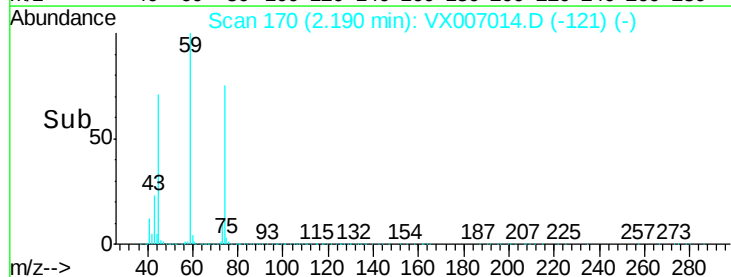
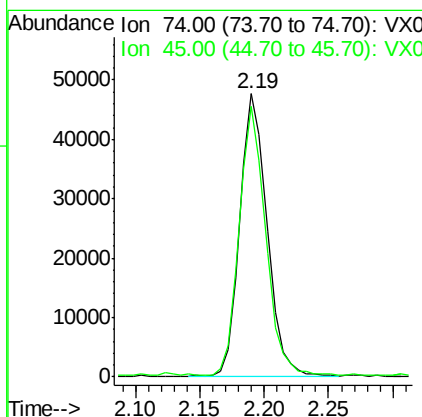
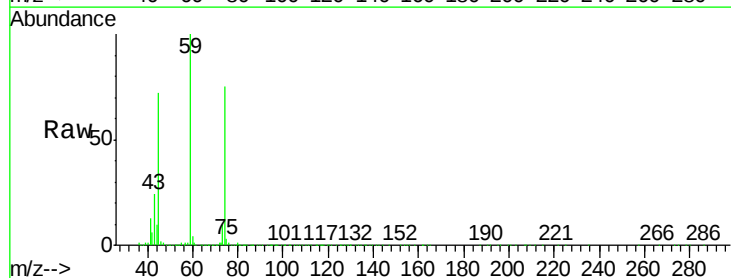
MMDadoda  
1/14/2019 10:40:42 AM

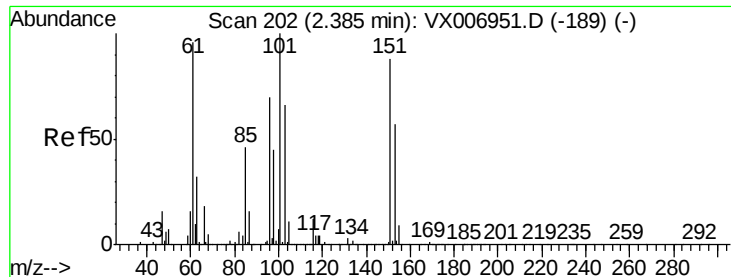


#8

Diethyl Ether  
Concen: 19.528 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 91.8  | 46.3  | 138.9 |





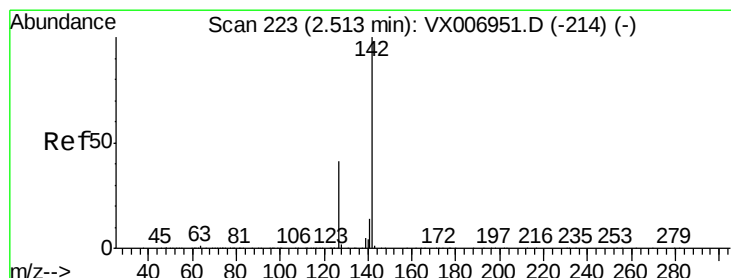
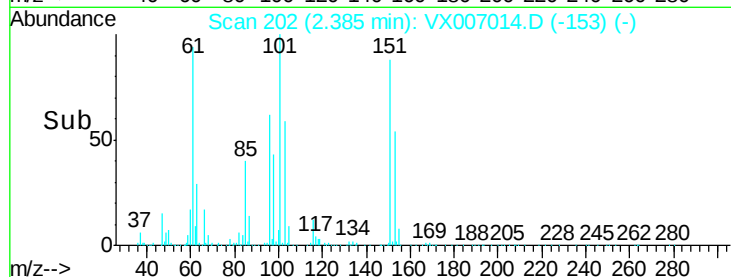
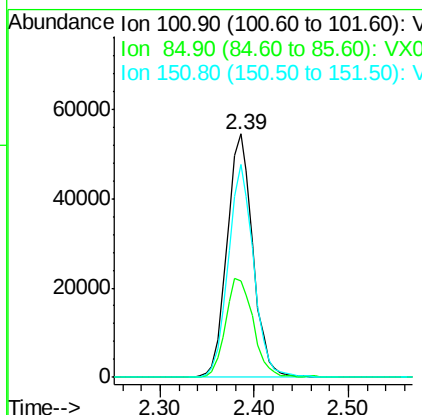
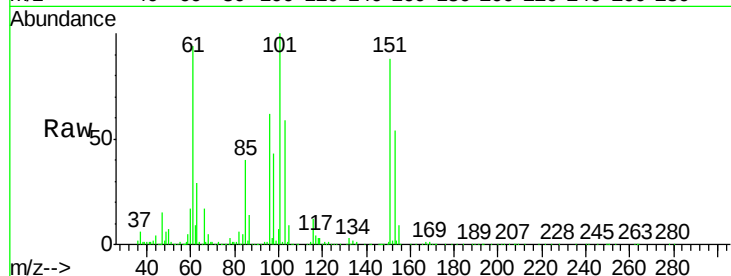
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.131 ug/l  
RT: 2.39 min Scan# 202  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 103490 |       |       |
| 85      | 43.7  | 35.1   | 52.7  |       |
| 151     | 86.4  | 68.9   | 103.3 |       |

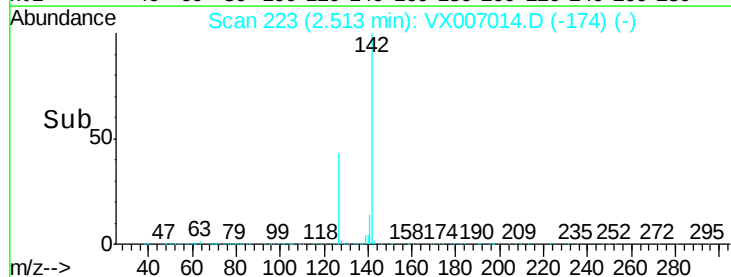
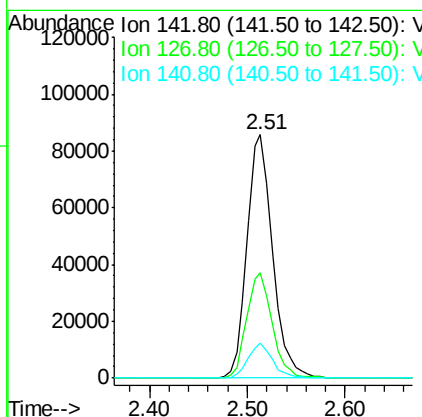
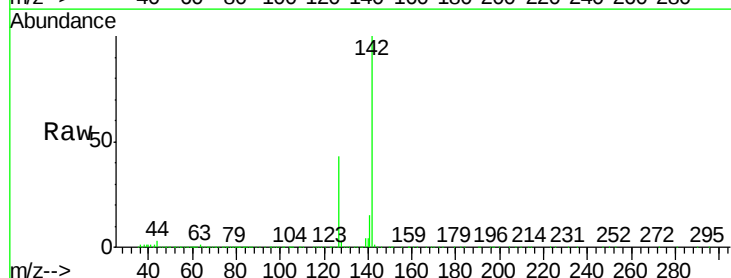
Manual Integrations  
APPROVED

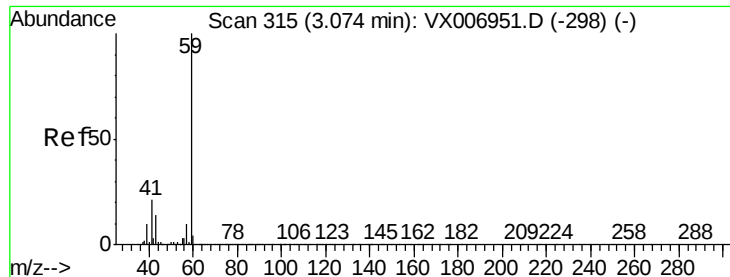
MMDadoda  
1/14/2019 10:40:42 AM



#10  
Methyl Iodide  
Concen: 21.387 ug/l  
RT: 2.51 min Scan# 223  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 156062 |       |       |
| 127     | 43.2  | 33.9   | 50.9  |       |
| 141     | 14.0  | 11.4   | 17.0  |       |





#11

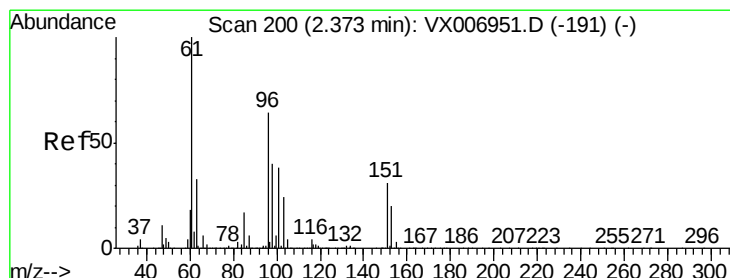
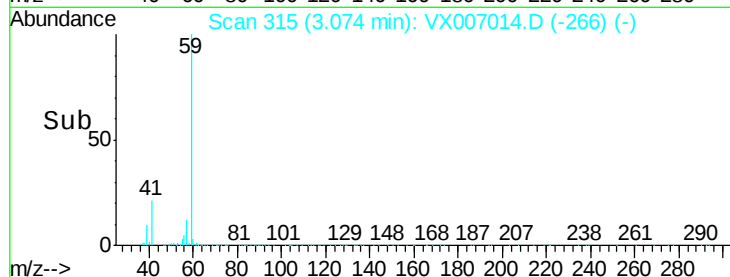
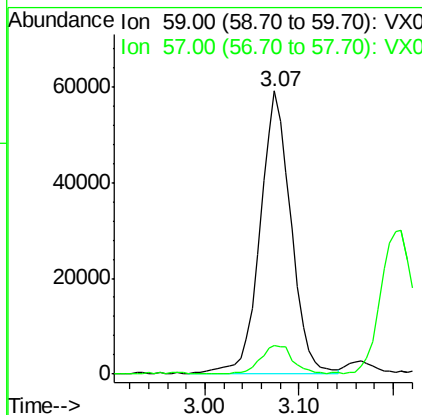
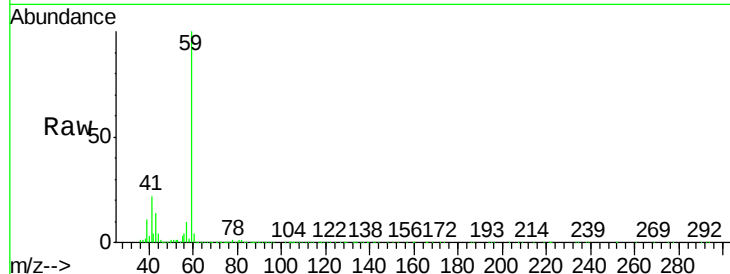
Tert butyl alcohol  
Concen: 100.342 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.3  | 8.5   | 12.7  |

Manual Integrations  
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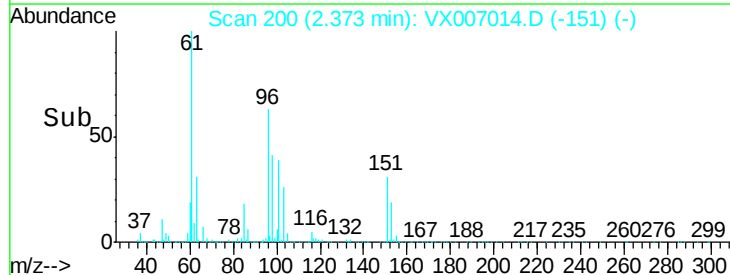
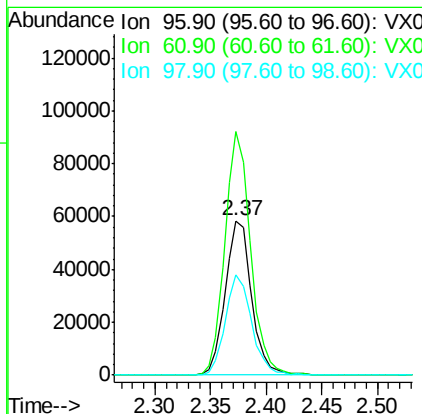
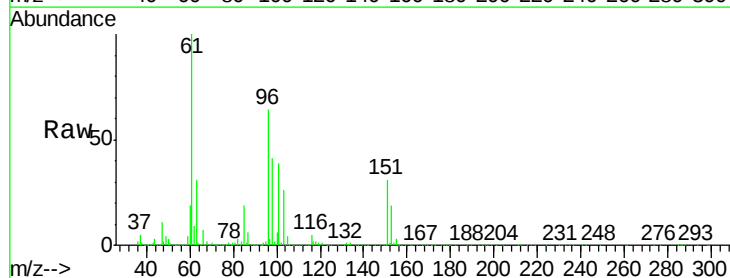
MMDadoda  
1/14/2019 10:40:42 AM

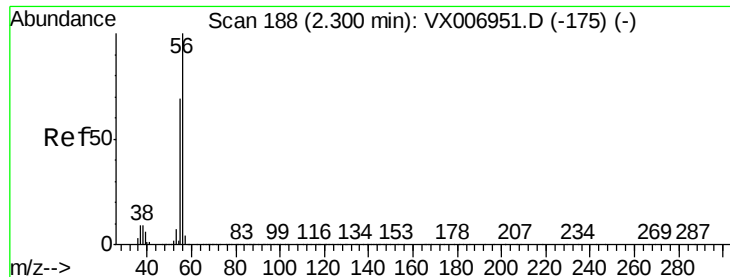


#12

1,1-Dichloroethene  
Concen: 19.203 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 157.3 | 121.4 | 182.2 |
| 98      | 64.4  | 51.9  | 77.9  |





#13

Acrolein

Concen: 73.197 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 56 Resp: 41045

Ion Ratio Lower Upper

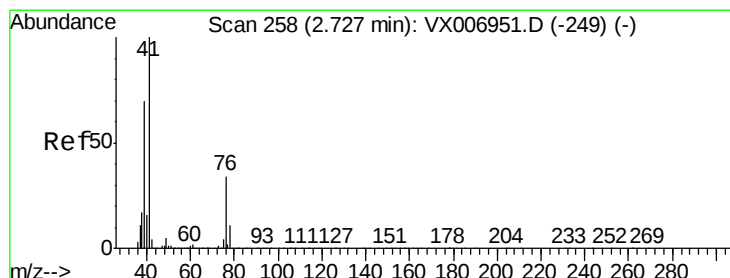
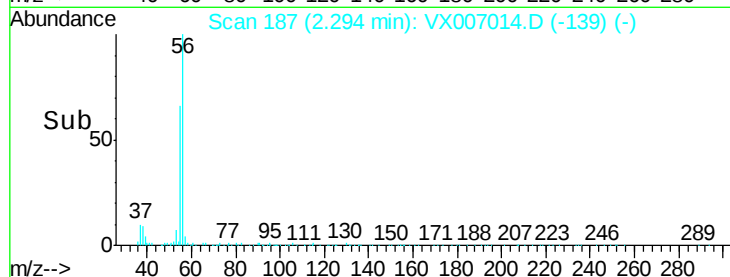
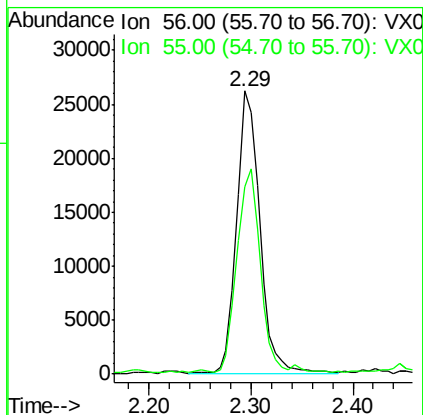
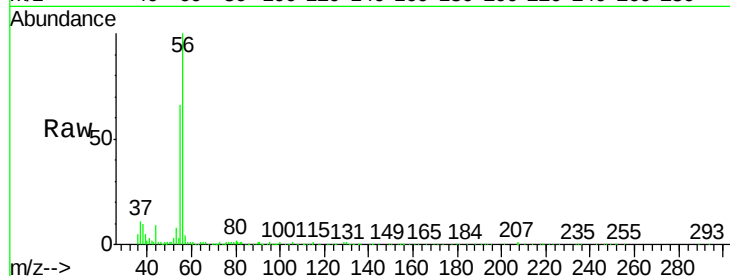
56 100

55 71.1 58.2 87.4

Manual Integrations  
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#14

Allyl chloride

Concen: 19.059 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

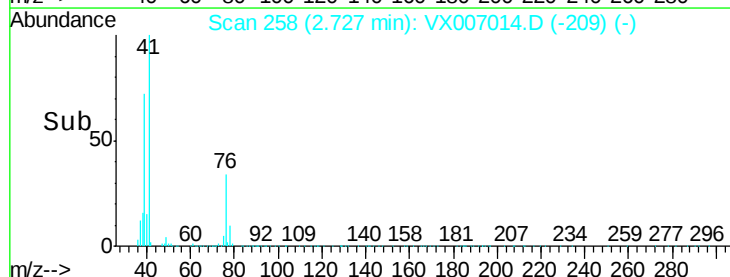
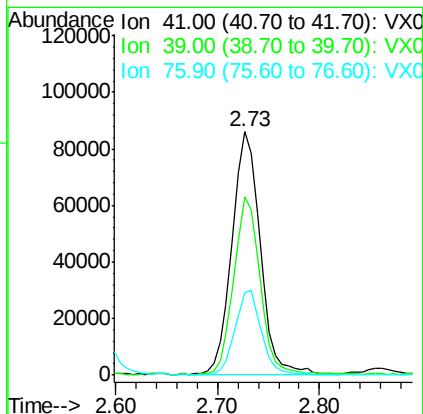
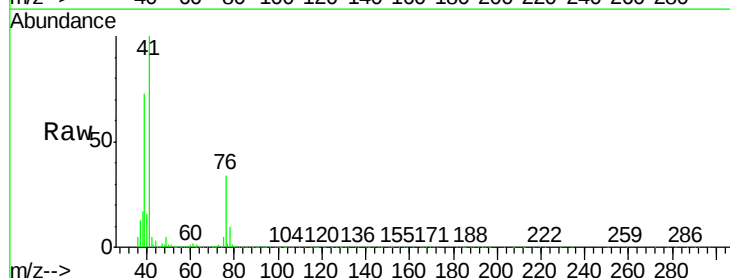
Tgt Ion: 41 Resp: 163251

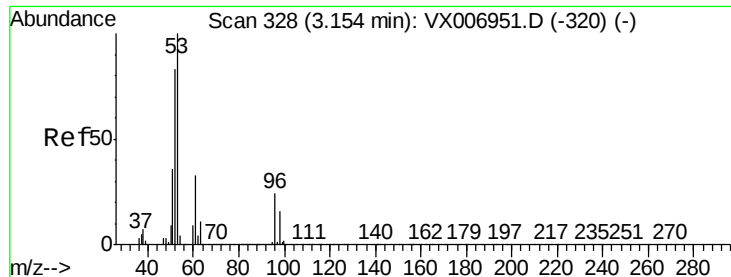
Ion Ratio Lower Upper

41 100

39 68.0 53.6 80.4

76 32.5 27.4 41.2





#15

Acrylonitrile

Concen: 100.074 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

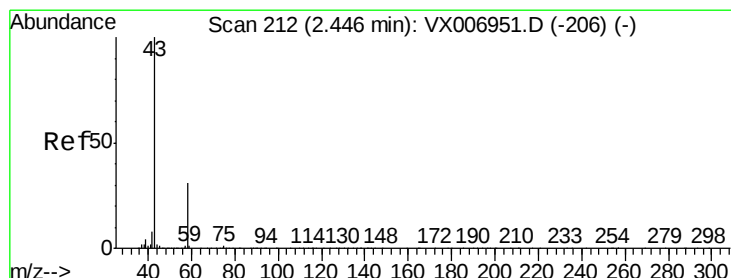
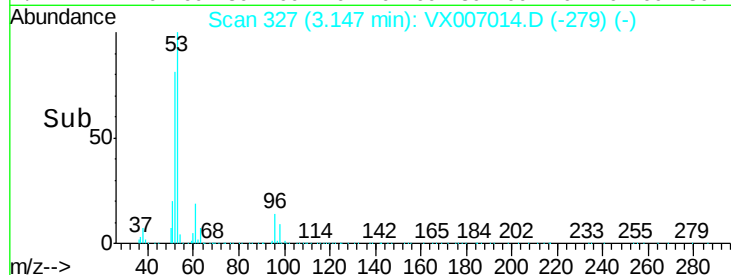
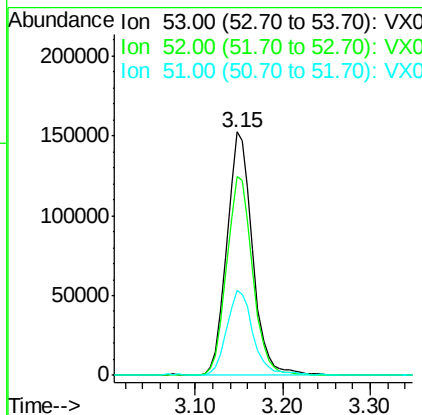
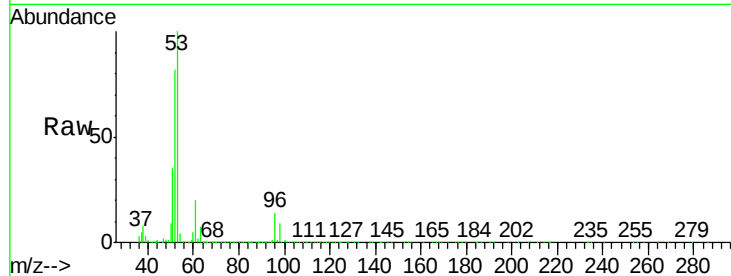
ClientSampleId :

VX0111WBSD01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 307985 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.9 | 66.0  | 99.0   |
| 51        | 35.8 | 28.6  | 42.8   |

Manual Integrations  
APPROVED

MMDadoda  
1/14/2019 10:40:42 AM



#16

Acetone

Concen: 95.322 ug/l

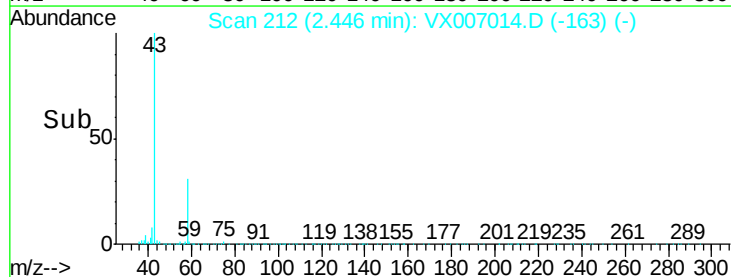
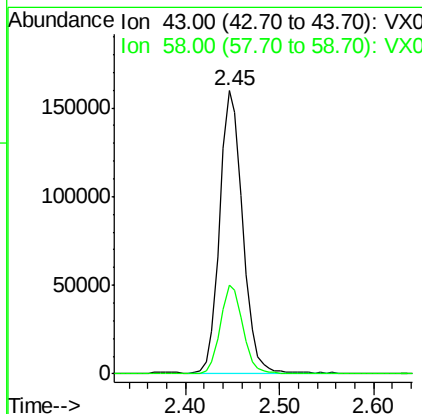
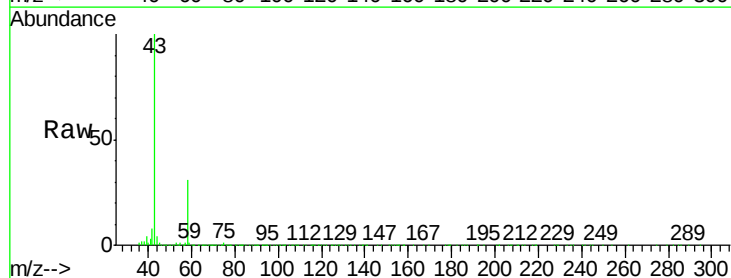
RT: 2.45 min Scan# 212

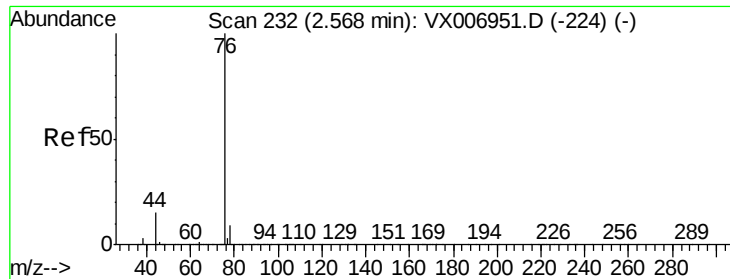
Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 267814 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 31.4 | 25.0  | 37.6   |





#17

Carbon Disulfide

Concen: 16.428 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 76 Resp: 211392

Ion Ratio Lower Upper

76 100

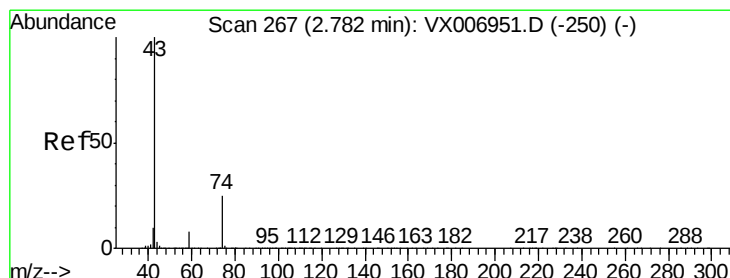
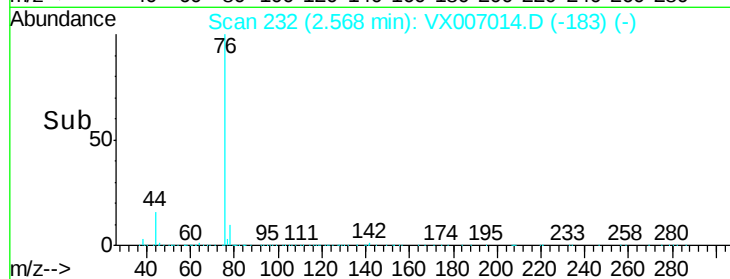
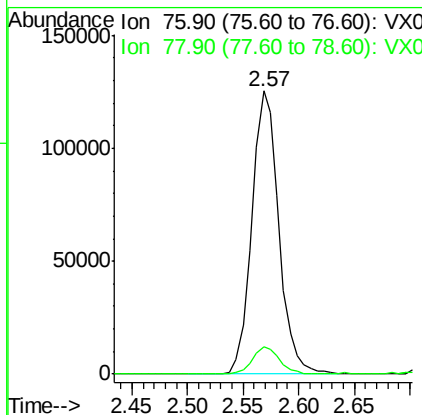
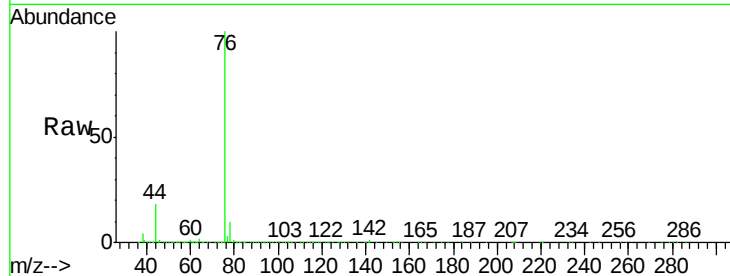
78 9.5 7.0 10.6

Manual Integrations

APPROVED

MMDadoda

1/14/2019 10:40:42 AM



#18

Methyl Acetate

Concen: 19.571 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007014.D

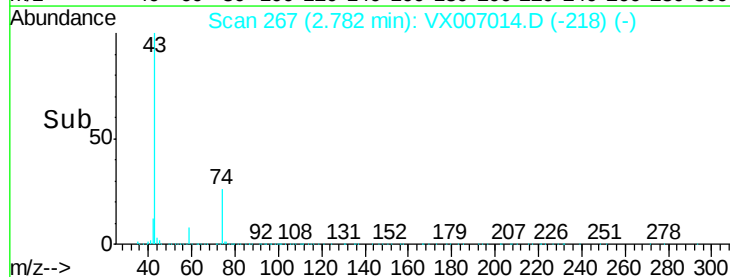
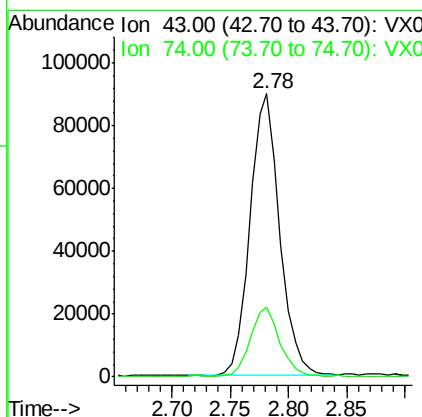
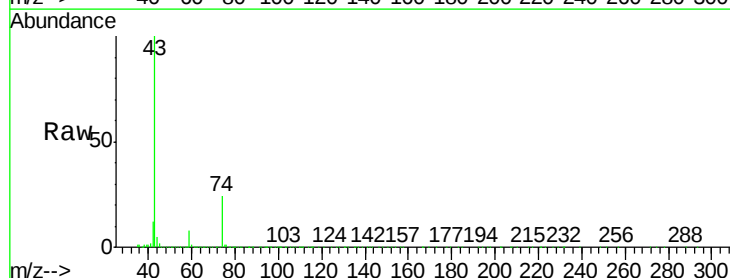
Acq: 11 Jan 2019 15:30

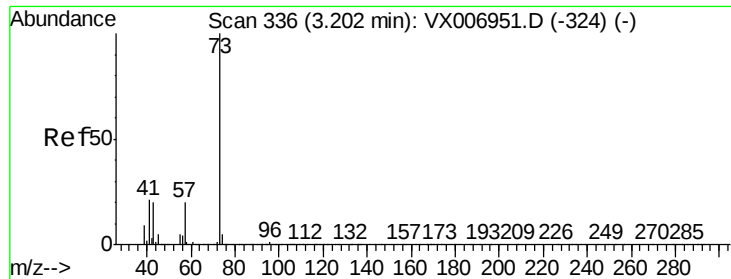
Tgt Ion: 43 Resp: 159233

Ion Ratio Lower Upper

43 100

74 24.0 18.6 28.0





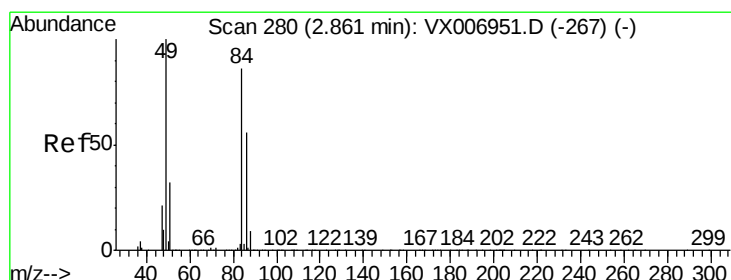
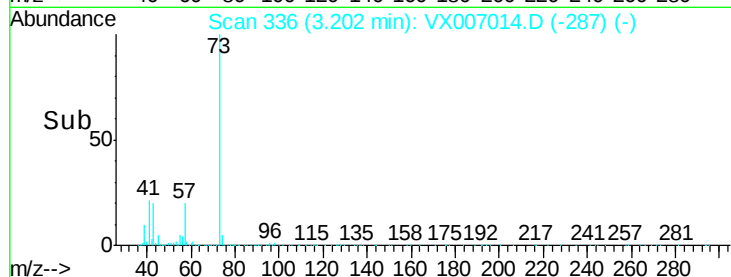
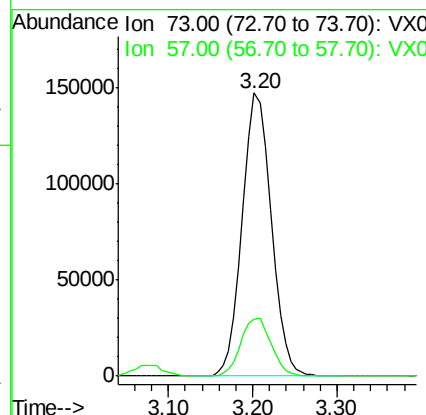
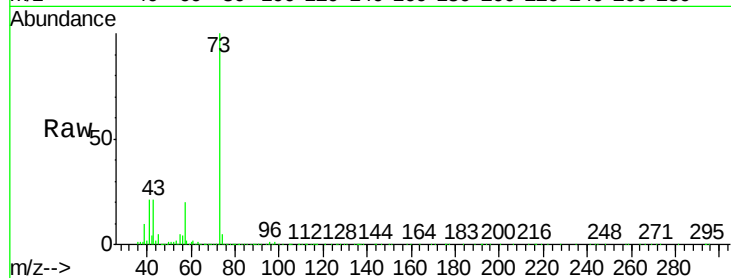
#19  
Methvl tert-butvl Ether  
Concen: 19.894 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

Tot Ion: 73 Resp: 345098  
Ion Ratio Lower Upper  
73 100  
57 20.0 16.8 25.2

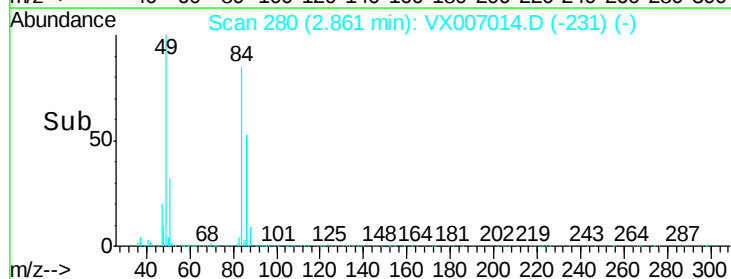
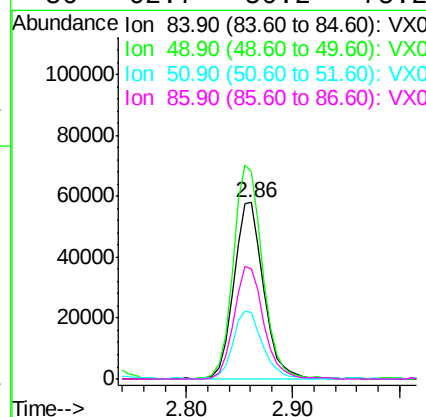
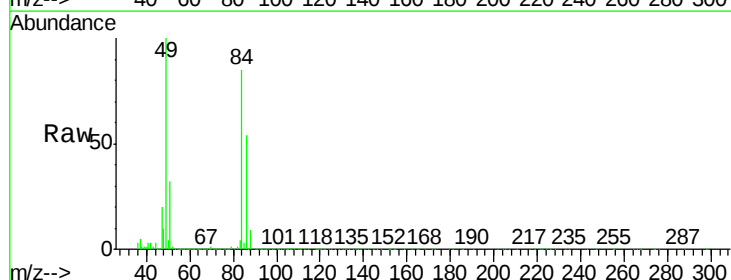
Manual Integrations  
APPROVED

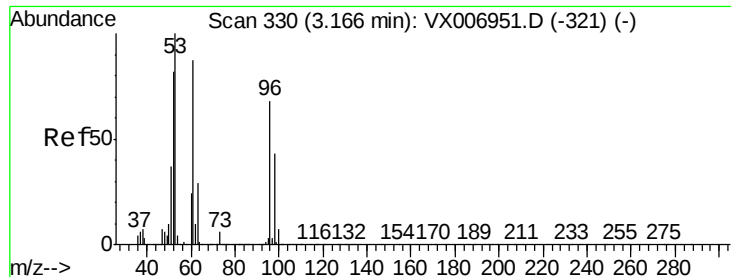
MMDadoda  
1/14/2019 10:40:42 AM



#20  
Methylene Chloride  
Concen: 20.765 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Tgt Ion: 84 Resp: 112735  
Ion Ratio Lower Upper  
84 100  
49 117.2 91.8 137.6  
51 37.7 28.5 42.7  
86 62.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.515 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

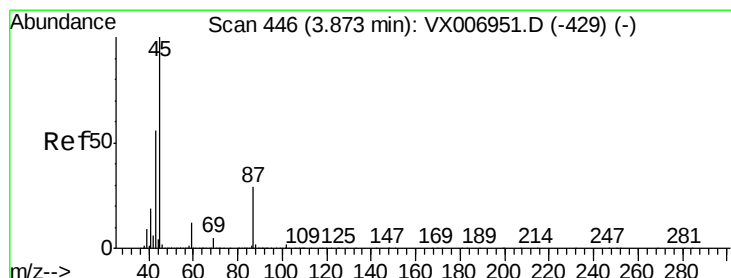
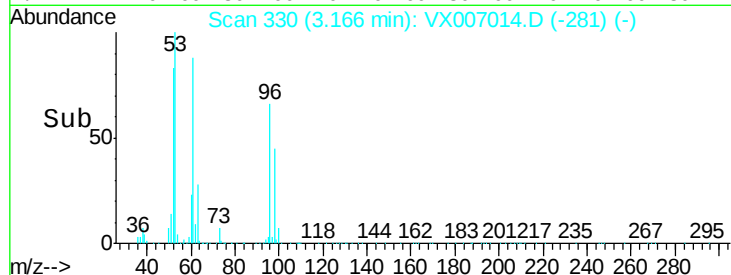
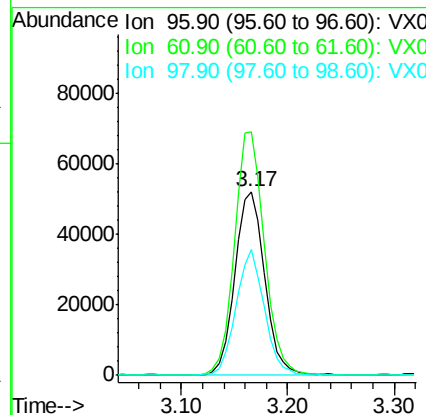
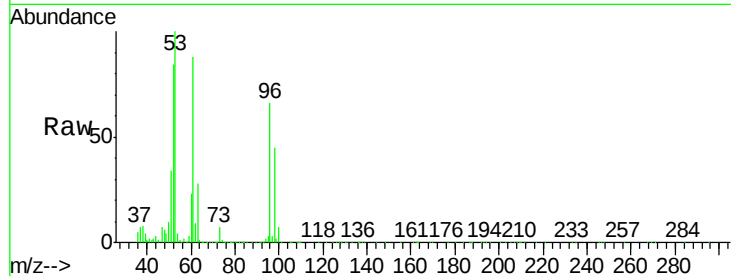
ClientSampleId :

VX0111WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 103121 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 132.2 | 103.7 | 155.5  |
| 98        | 68.0  | 51.0  | 76.6   |

Manual Integrations  
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MMDadoda  
1/14/2019 10:40:42 AM



#22

Diisopropyl ether

Concen: 19.395 ug/l

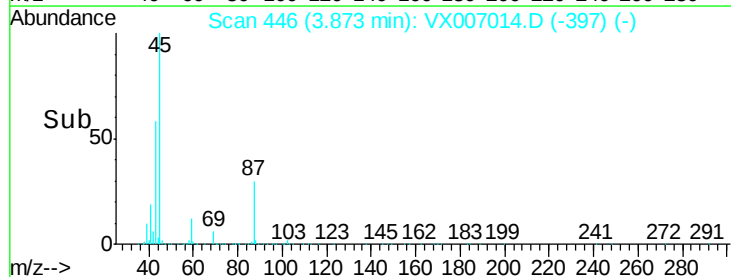
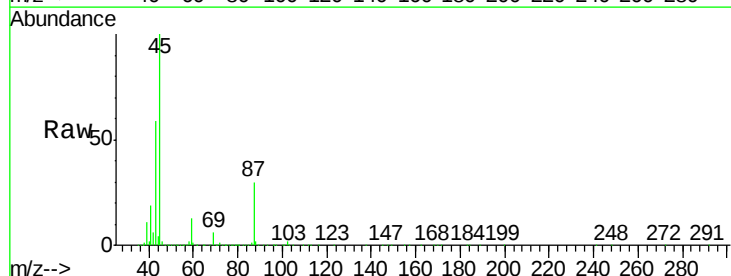
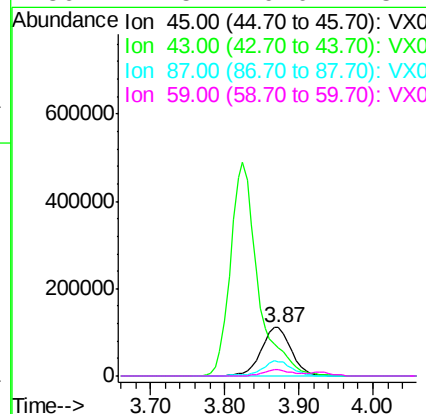
RT: 3.87 min Scan# 446

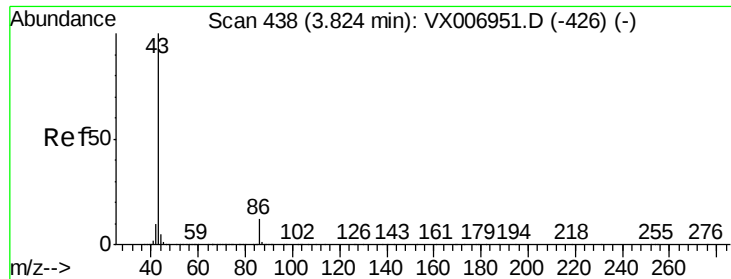
Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 312319 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 58.3  | 51.2  | 76.8   |
| 87        | 29.7  | 25.8  | 38.6   |
| 59        | 12.5  | 9.0   | 13.4   |





#23

Vinyl Acetate

Concen: 93.221 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 43 Resp: 1265947

Ion Ratio Lower Upper

43 100

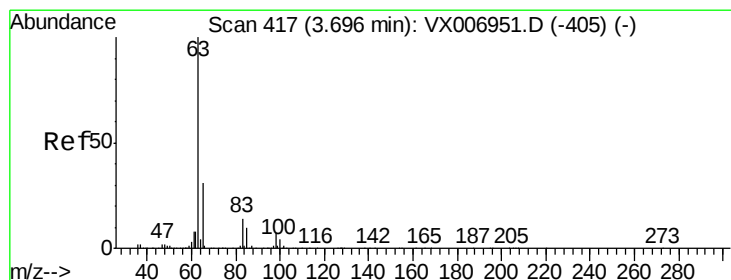
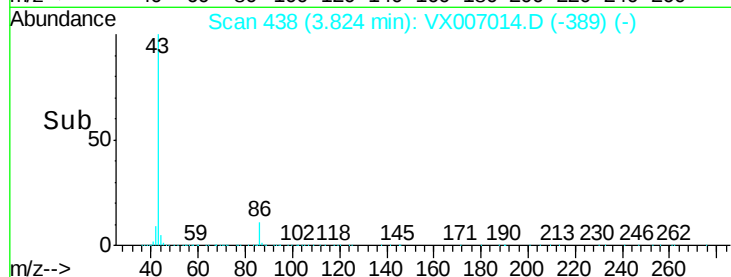
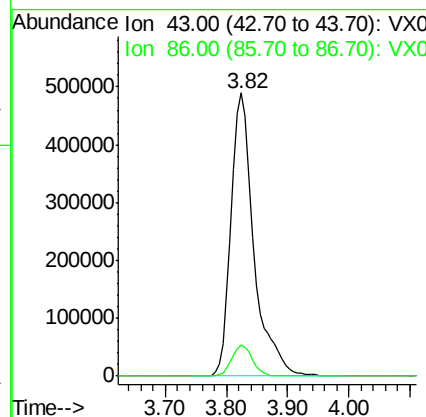
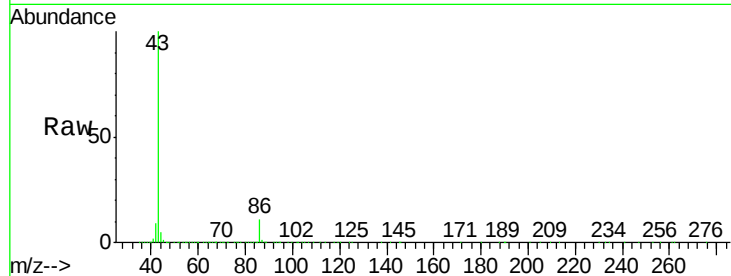
86 11.2 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.189 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

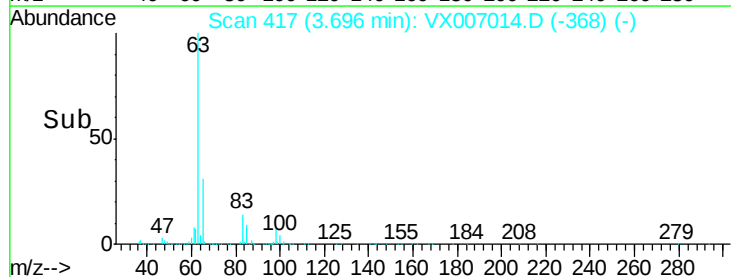
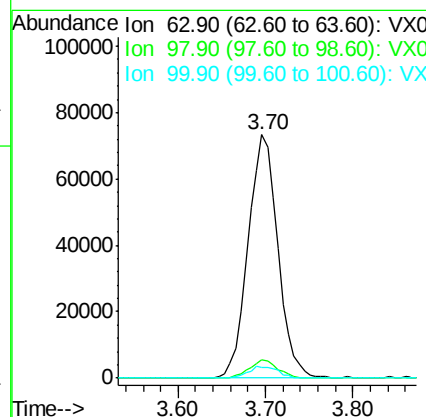
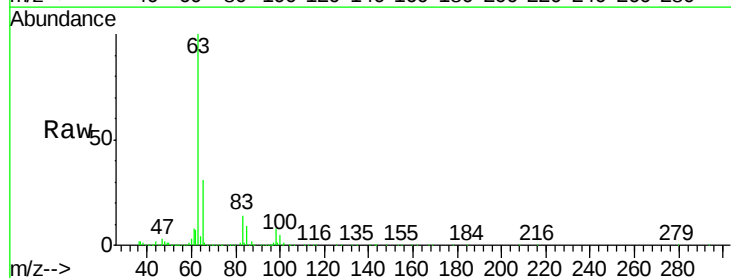
Tgt Ion: 63 Resp: 172787

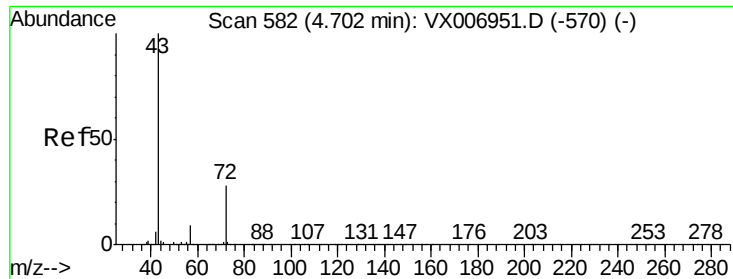
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 97.886 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 43 Resp: 393510

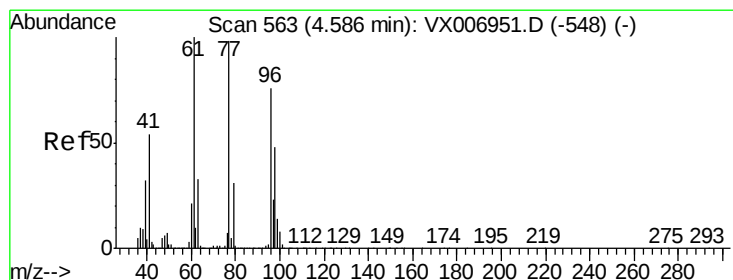
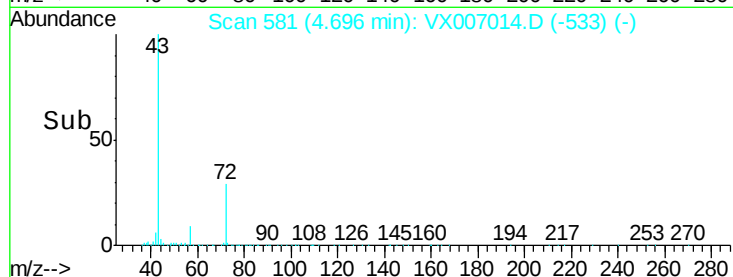
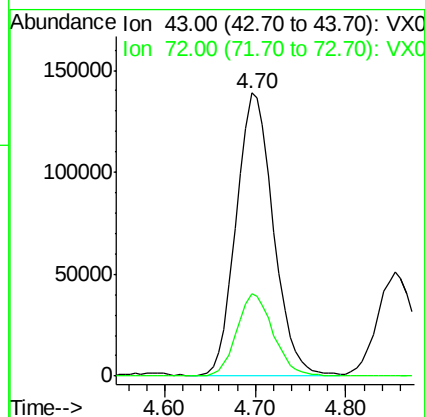
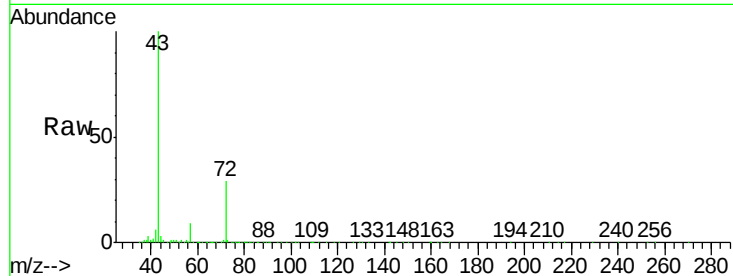
Ion Ratio Lower Upper

43 100

72 28.9 22.4 33.6

Manual Integrations  
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#26

2,2-Dichloropropane

Concen: 16.742 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007014.D

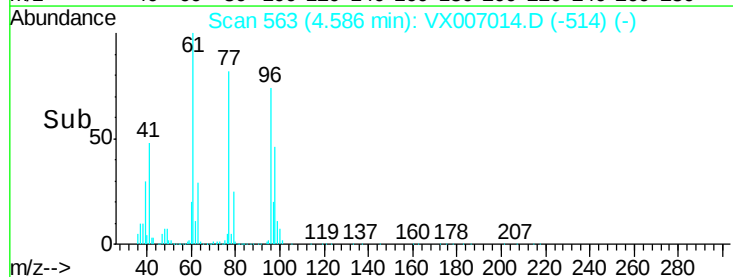
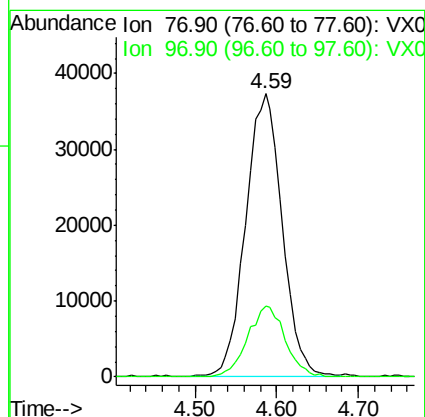
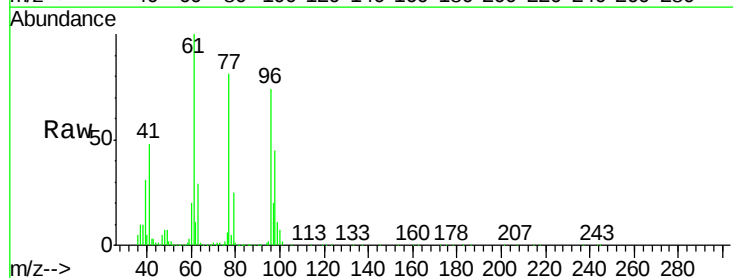
Acq: 11 Jan 2019 15:30

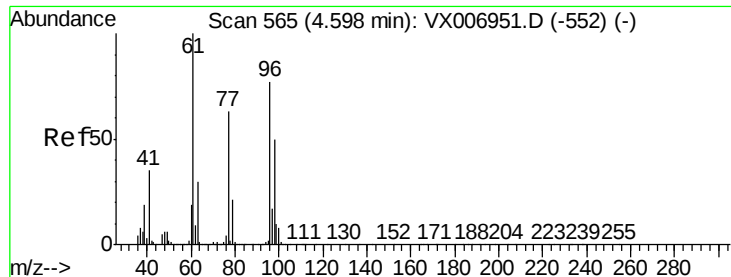
Tgt Ion: 77 Resp: 115919

Ion Ratio Lower Upper

77 100

97 25.8 12.4 37.4





#27

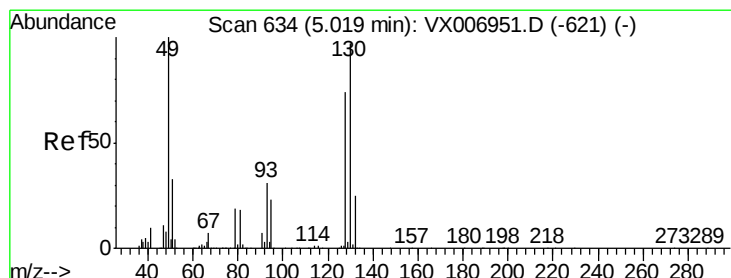
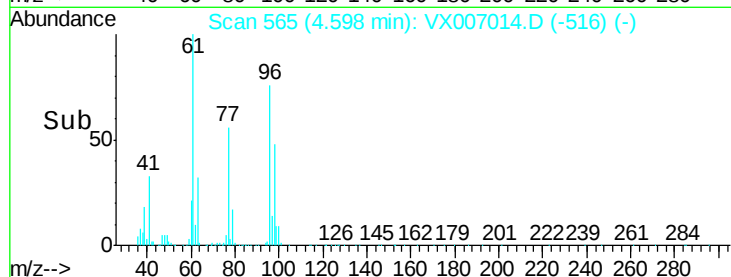
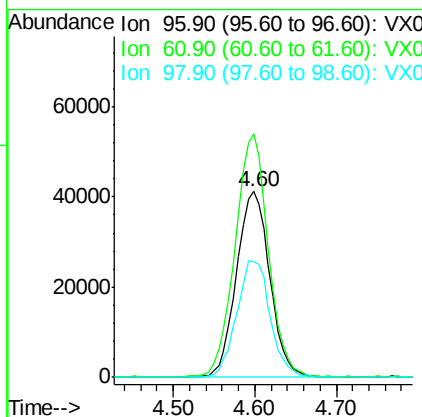
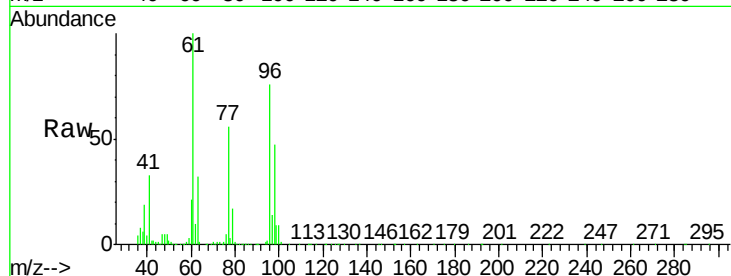
cis-1,2-Dichloroethene  
Concen: 19.017 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 130.8 | 0.0   | 258.6 |
| 98      | 63.4  | 0.0   | 132.0 |

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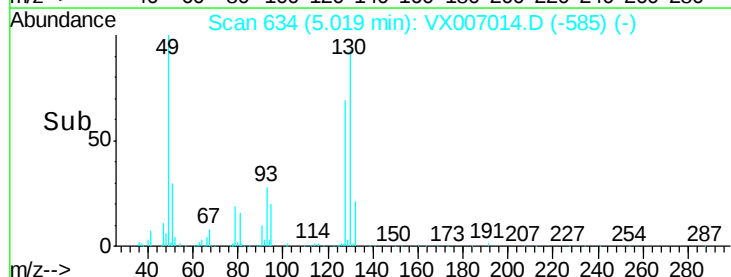
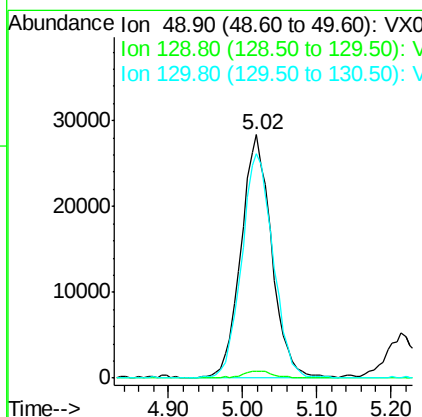
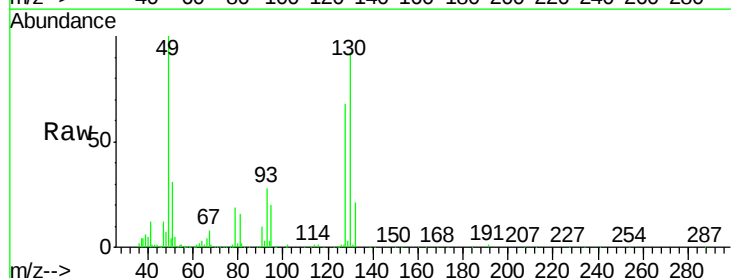
MMDadoda  
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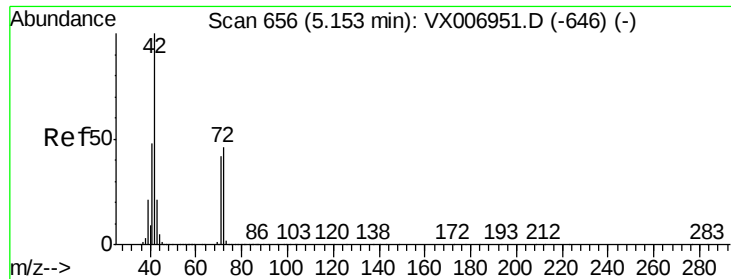


#28

Bromochloromethane  
Concen: 20.819 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.8   | 0.0   | 5.4   |
| 130     | 94.7  | 77.7  | 116.5 |





#29

Tetrahydrofuran

Concen: 98.602 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

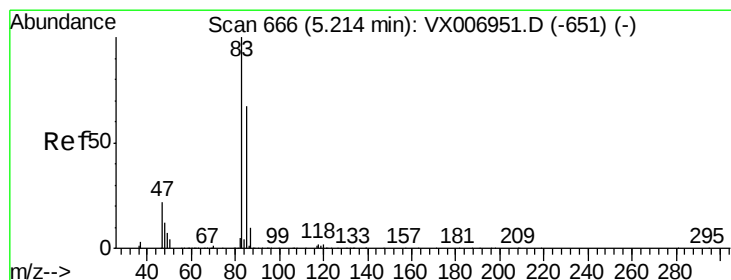
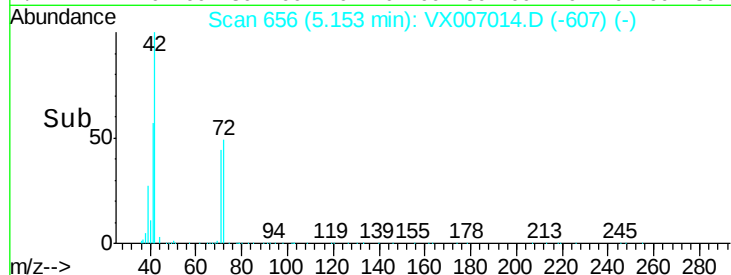
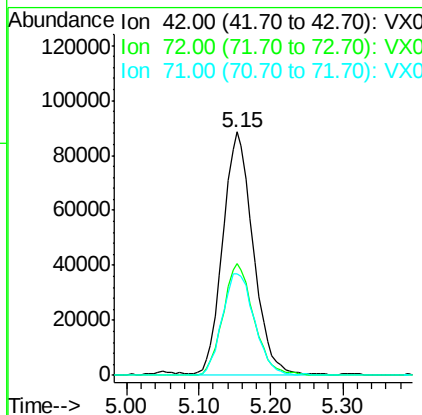
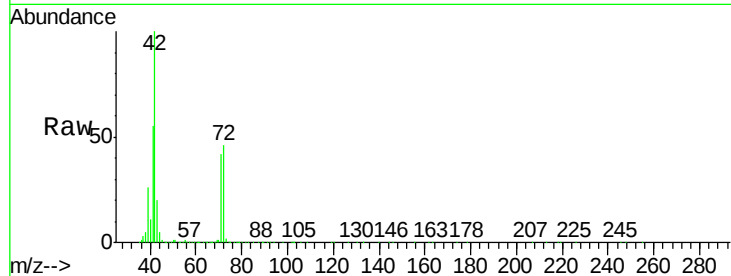
ClientSampleId :

VX0111WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 47.1  | 38.9  | 58.3  |
| 71      | 44.1  | 36.2  | 54.4  |

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#30

Chloroform

Concen: 19.298 ug/l

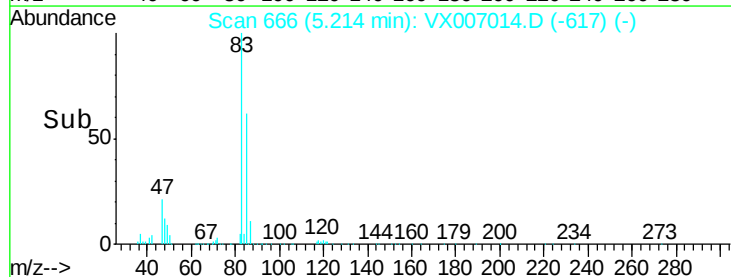
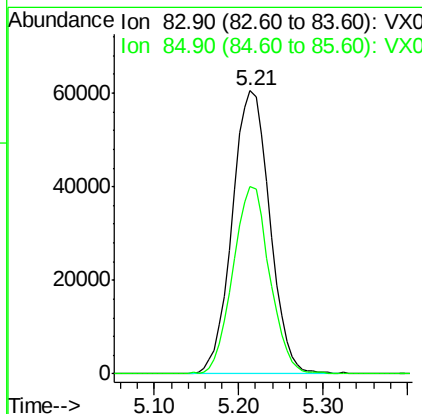
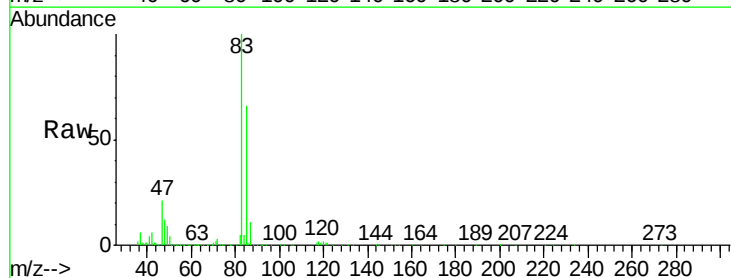
RT: 5.21 min Scan# 666

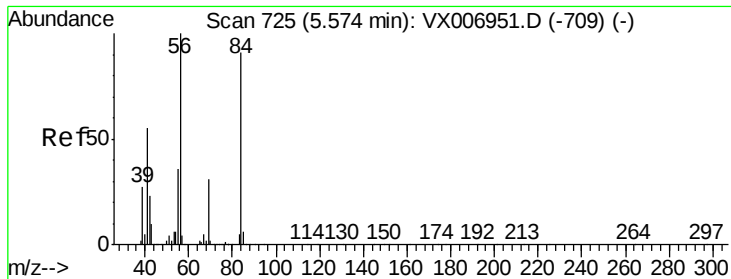
Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.2  | 51.2  | 76.8  |





#31

Cyclohexane

Concen: 19.184 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

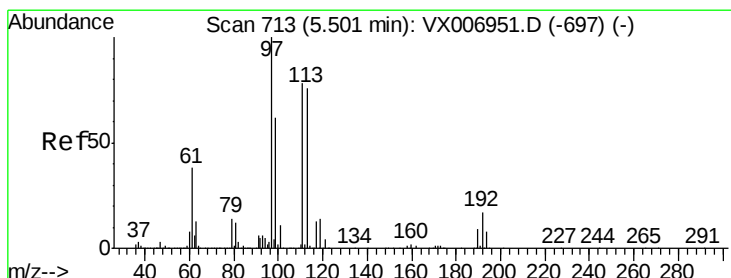
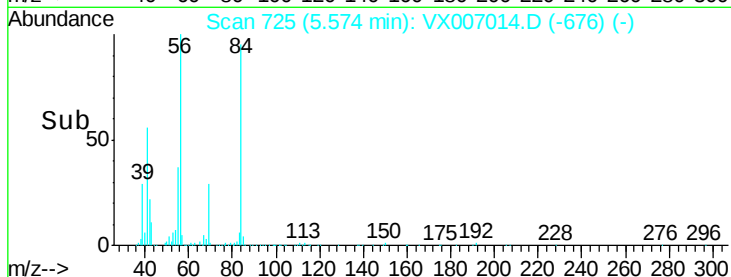
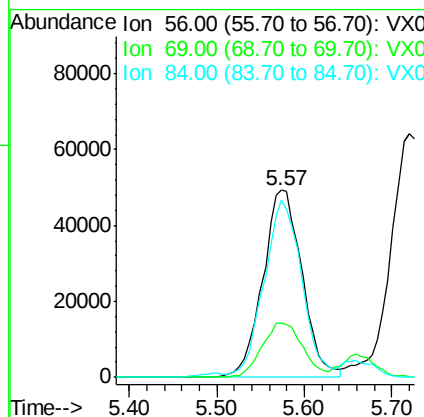
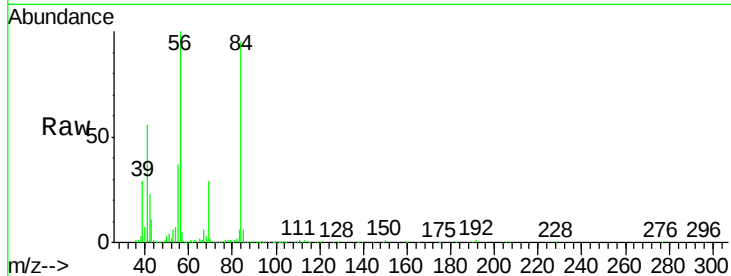
ClientSampleId :

VX0111WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 153742 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 28.6  | 24.4  | 36.6   |
| 84       | 94.1  | 70.0  | 105.0  |

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#32

1,1,1-Trichloroethane

Concen: 19.112 ug/l

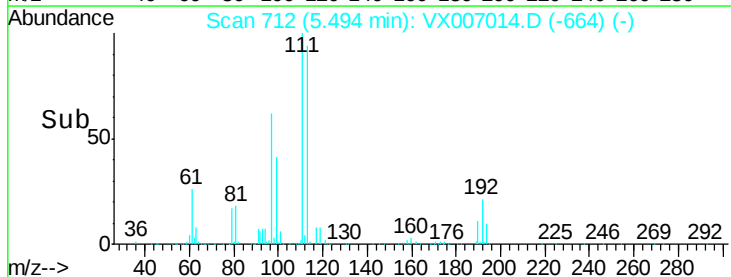
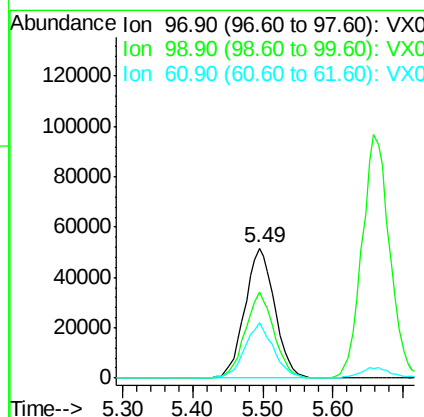
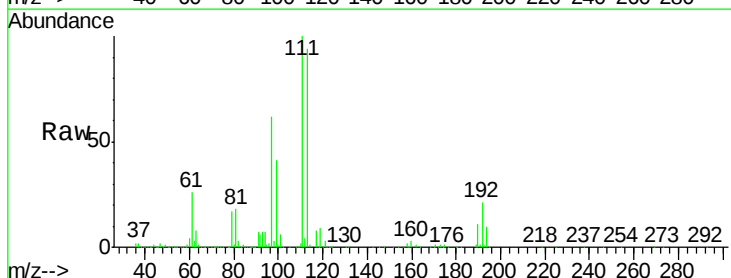
RT: 5.49 min Scan# 712

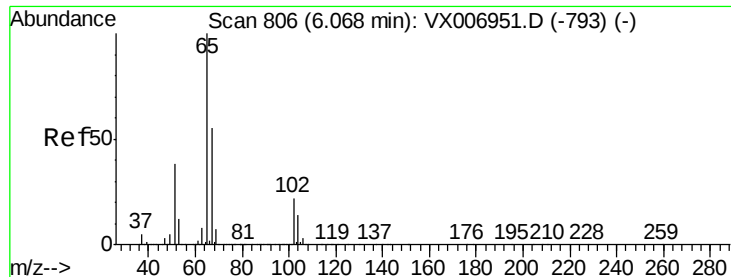
Delta R.T. -0.01 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 152721 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 63.9  | 51.7  | 77.5   |
| 61       | 40.8  | 31.3  | 46.9   |





#33

1,2-Dichloroethane-d4

Concen: 49.621 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 65 Resp: 282002

Ion Ratio Lower Upper

65 100

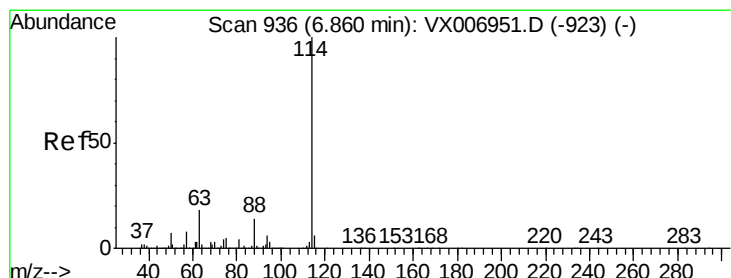
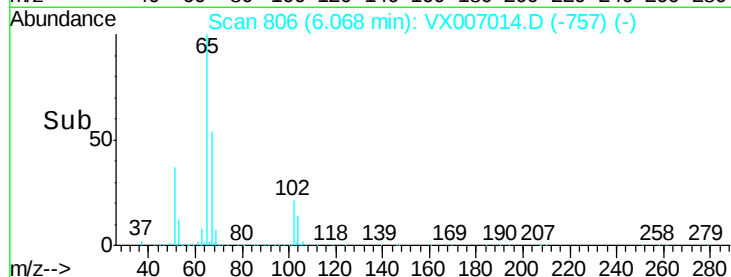
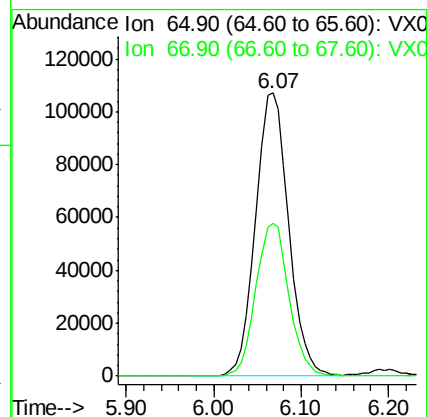
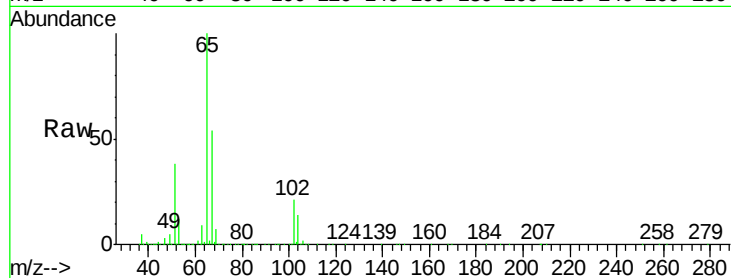
67 53.9 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

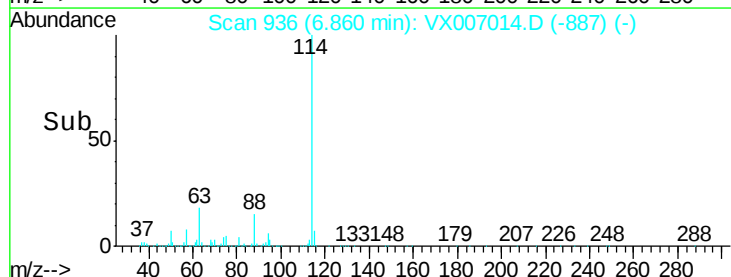
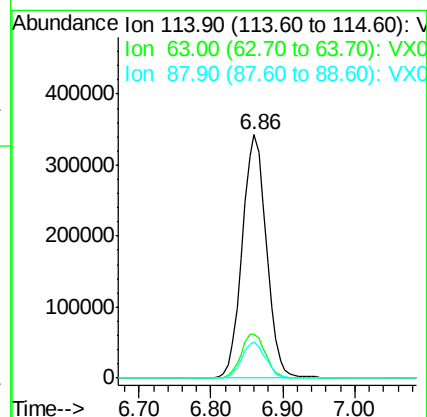
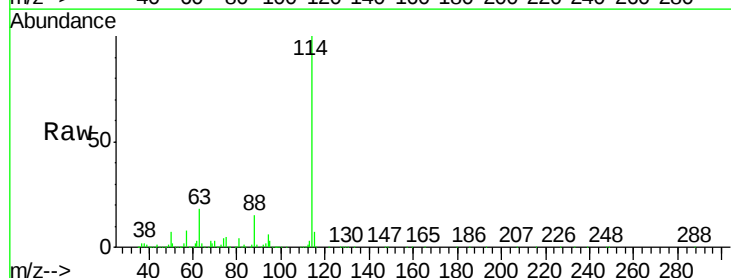
Tgt Ion: 114 Resp: 800276

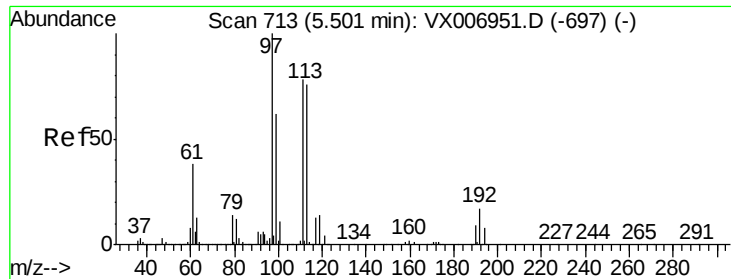
Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.331 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

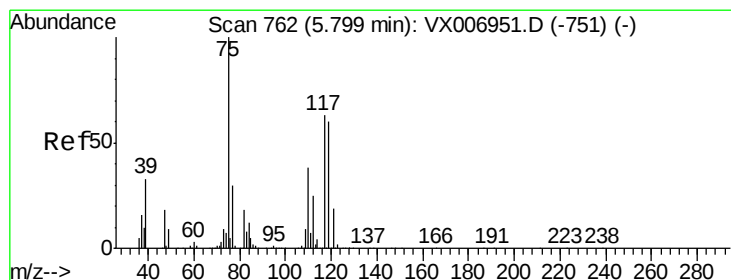
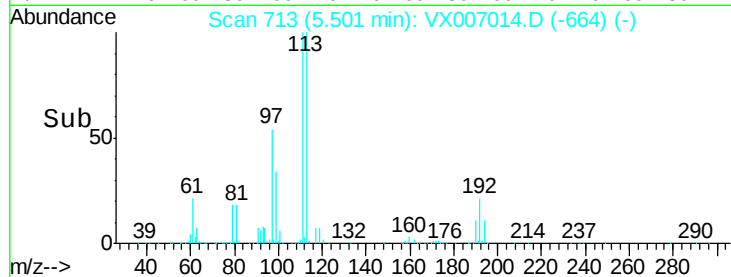
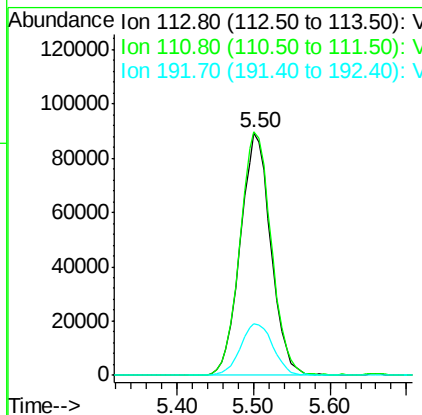
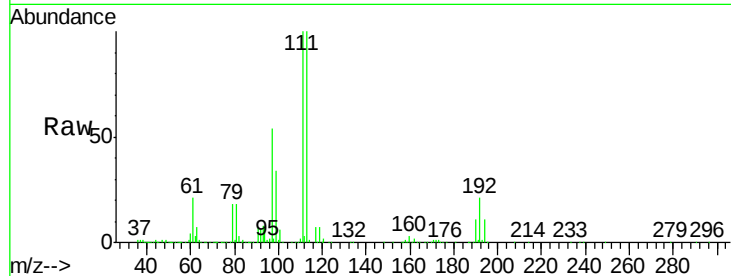
ClientSampleId :

VX0111WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 247695 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.9 | 81.6  | 122.4  |
| 192       | 22.8  | 16.7  | 25.1   |

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#36

1,1-Dichloropropene

Concen: 18.921 ug/l

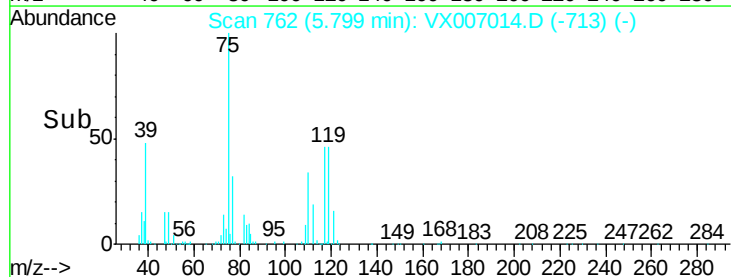
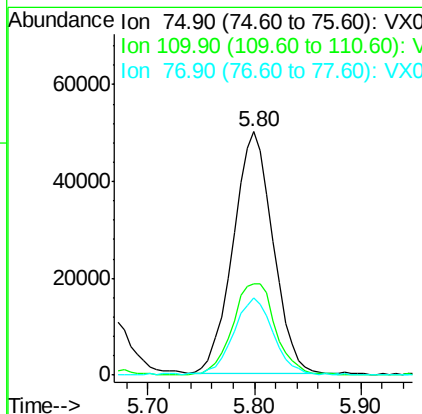
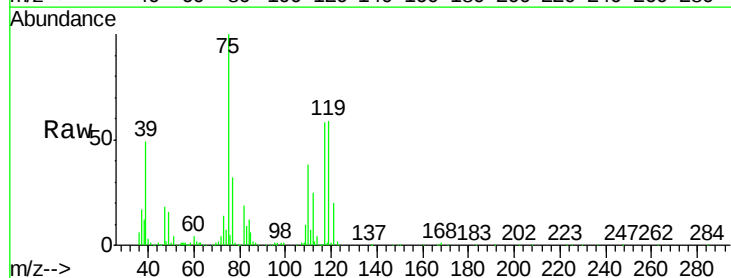
RT: 5.80 min Scan# 762

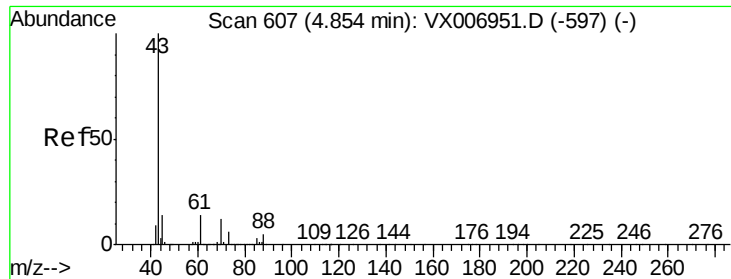
Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 131644 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 40.9  | 20.2  | 60.5   |
| 77        | 32.2  | 24.8  | 37.2   |





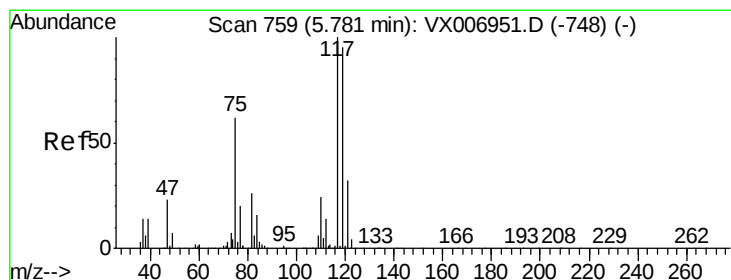
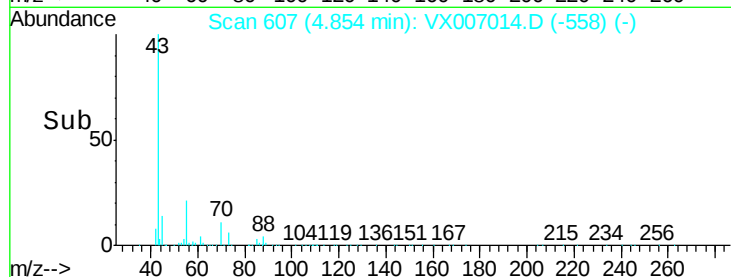
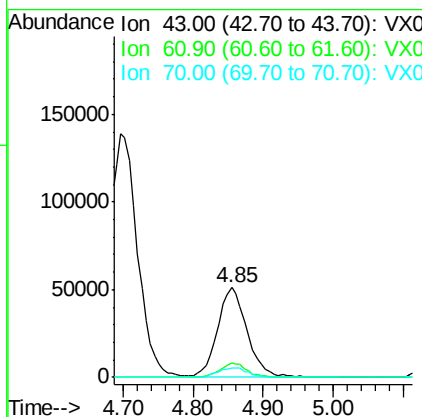
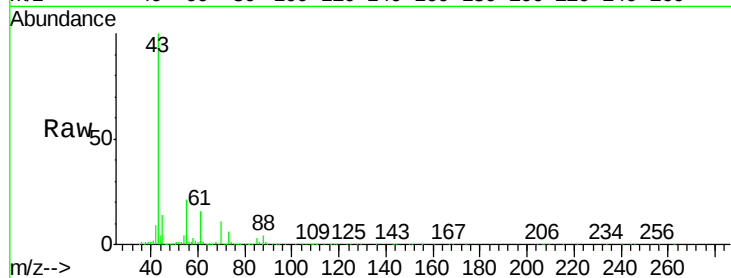
#37  
Ethyl Acetate  
Concen: 19.916 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleID :  
VX011WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.8  | 11.9  | 17.9  |
| 70      | 11.4  | 9.7   | 14.5  |

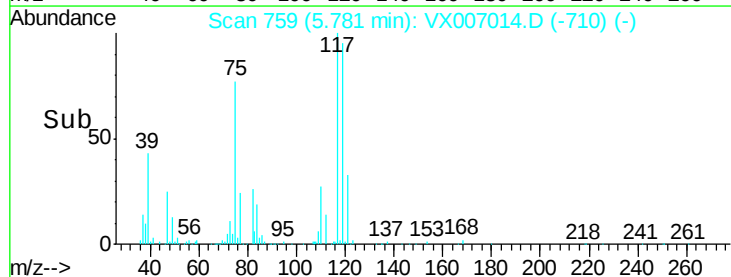
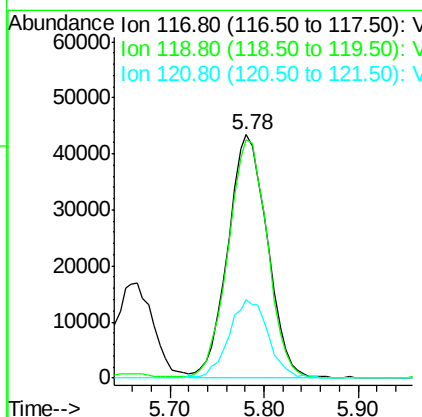
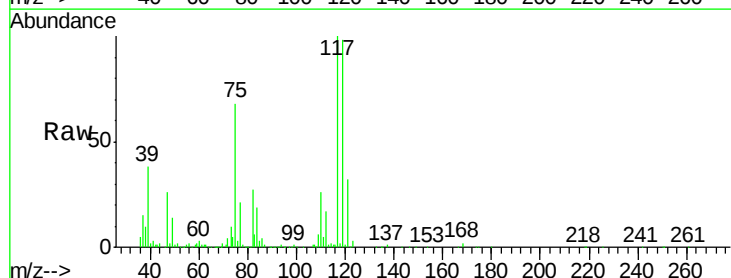
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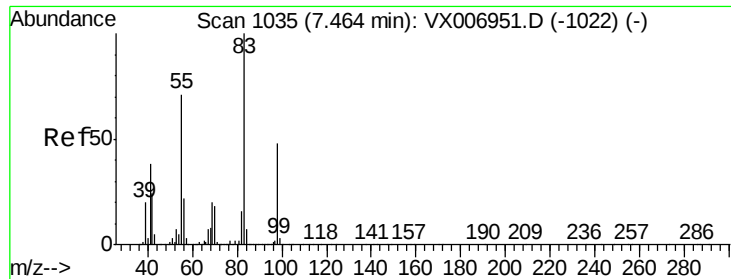
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#38  
Carbon Tetrachloride  
Concen: 18.136 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.5  | 79.4  | 119.2 |
| 121     | 32.3  | 24.0  | 36.0  |





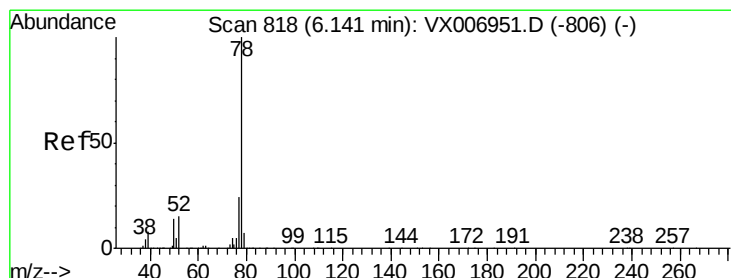
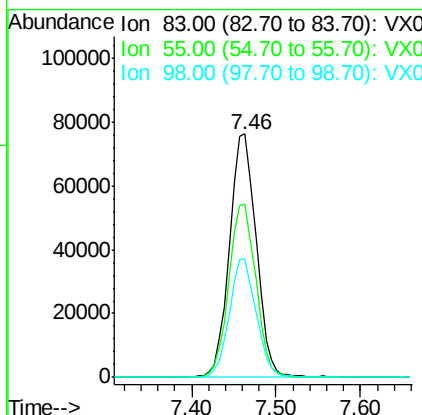
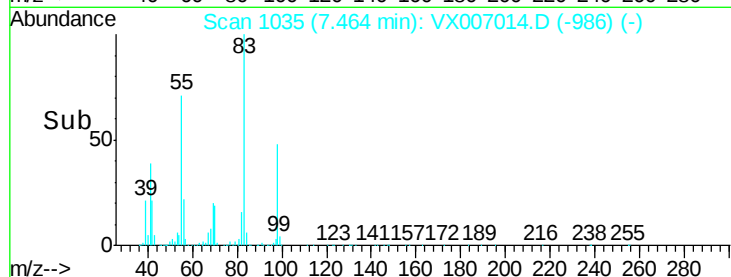
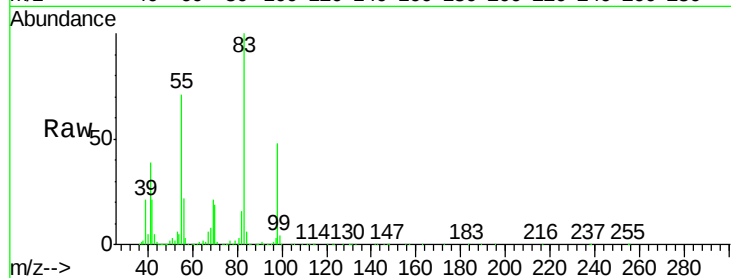
#39  
Methvlcvclohexane  
Concen: 18.617 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 70.9  | 54.9  | 82.3  |
| 98      | 48.4  | 37.9  | 56.9  |

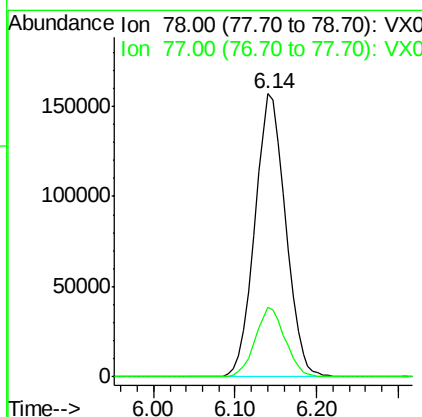
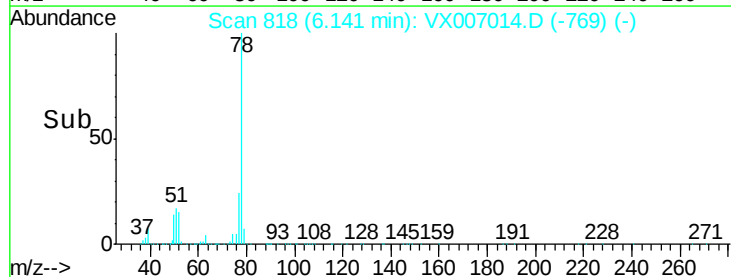
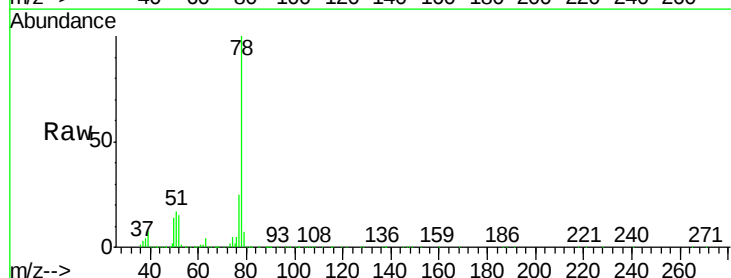
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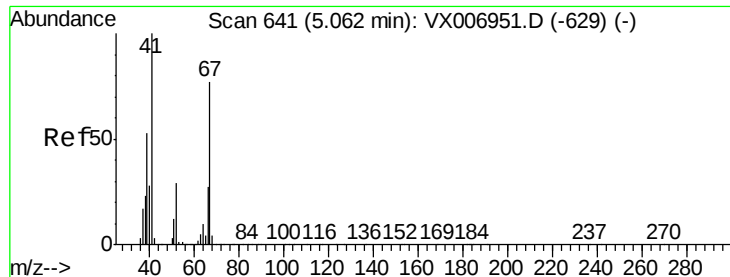
MMDadoda  
1/14/2019 10:40:42 AM



#40  
Benzene  
Concen: 19.500 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.7  | 19.2  | 28.8  |





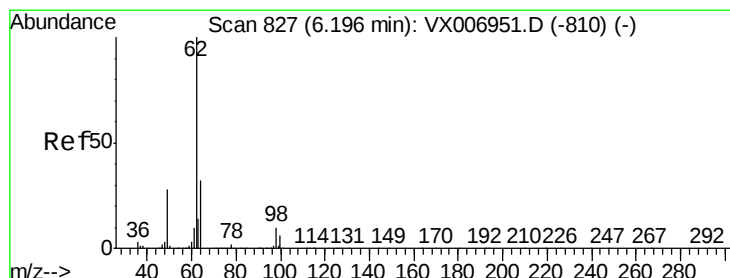
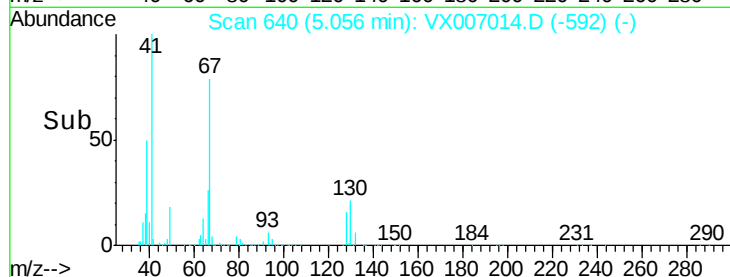
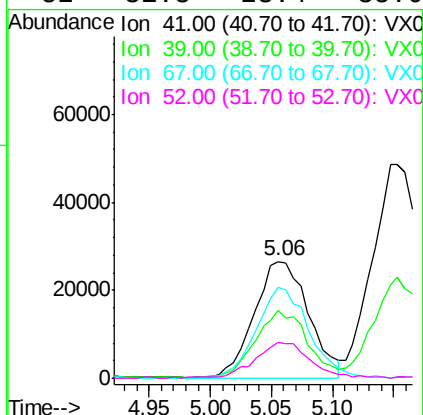
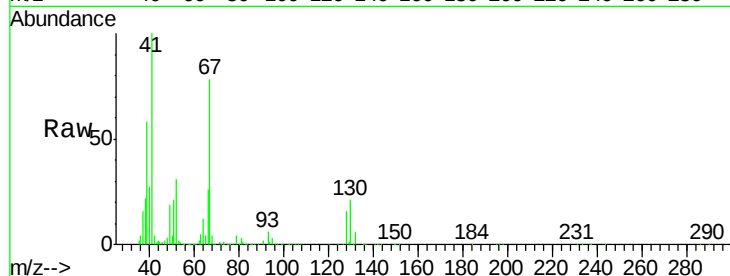
#41  
Methacrylonitrile  
Concen: 18.949 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. -0.01 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 55.2 | 42.8  | 64.2  |       |
| 67      | 76.6 | 62.1  | 93.1  |       |
| 52      | 31.3 | 23.4  | 35.0  |       |

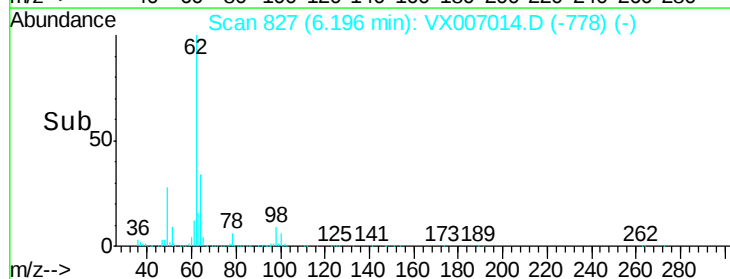
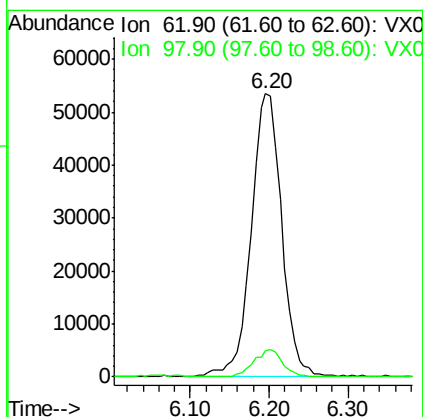
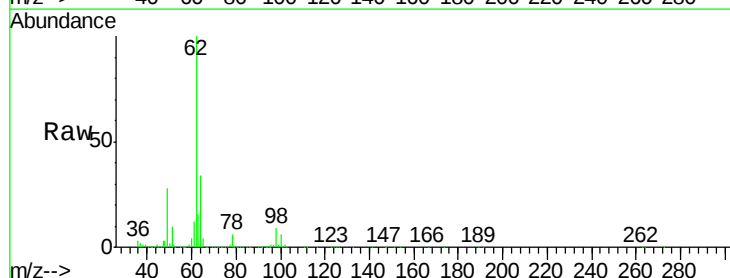
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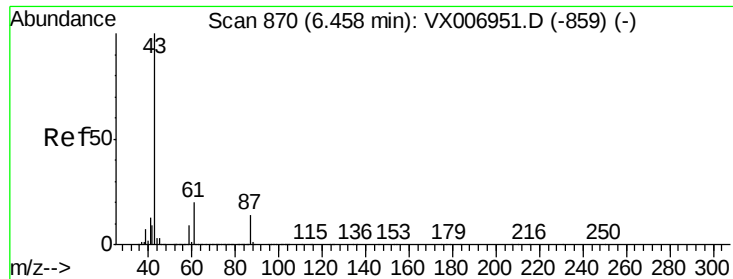
MMDadoda  
1/14/2019 10:40:42 AM



#42  
1,2-Dichloroethane  
Concen: 19.561 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.2 | 0.0   | 20.2  |       |





#43

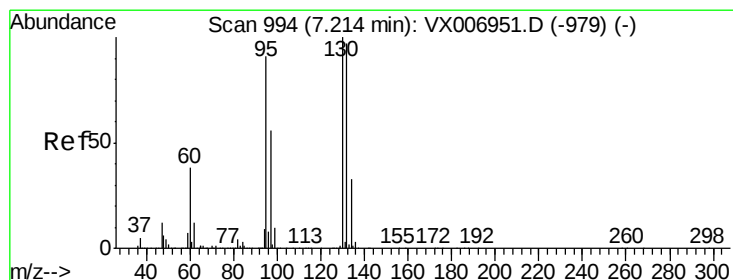
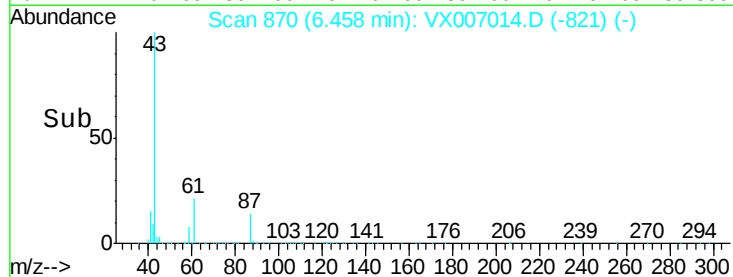
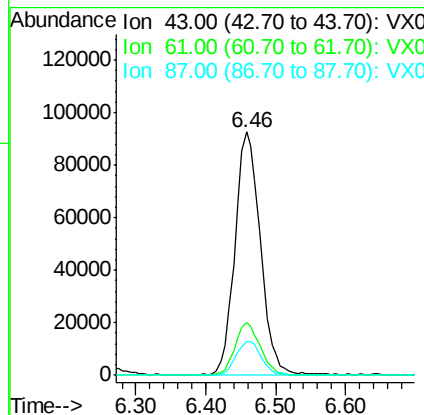
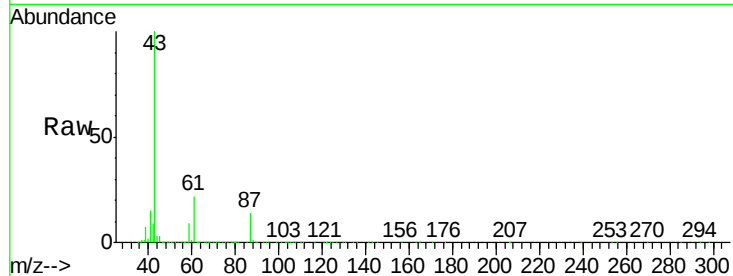
Isopropyl Acetate  
 Concen: 19.799 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. -0.00 min  
 Lab File: VX007014.D  
 Acq: 11 Jan 2019 15:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0111WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 232958 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 21.2  | 16.8  | 25.2   |
| 87       | 14.1  | 12.4  | 18.6   |

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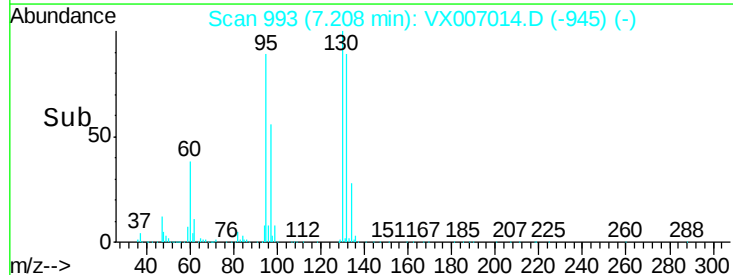
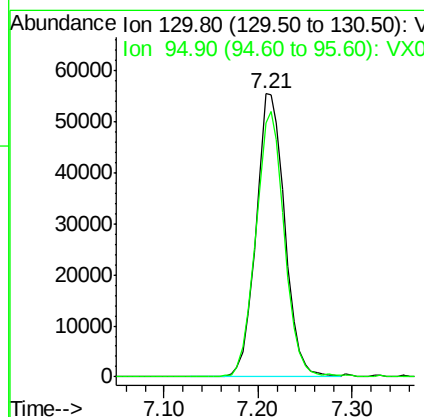
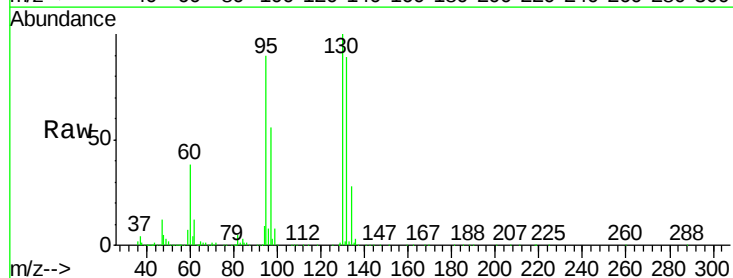
MMDadoda  
 1/14/2019 10:40:42 AM

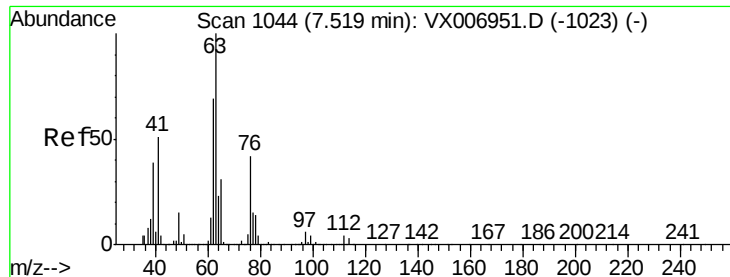


#44

Trichloroethene  
 Concen: 18.644 ug/l  
 RT: 7.21 min Scan# 993  
 Delta R.T. -0.01 min  
 Lab File: VX007014.D  
 Acq: 11 Jan 2019 15:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 118613 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 89.6  | 0.0   | 187.0  |





#45

1,2-Dichloropropane

Concen: 18.979 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 63 Resp: 101297

Ion Ratio Lower Upper

63 100

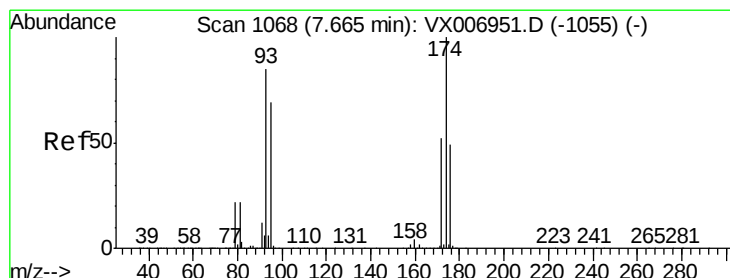
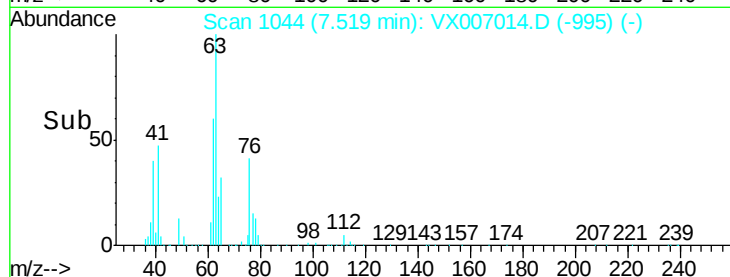
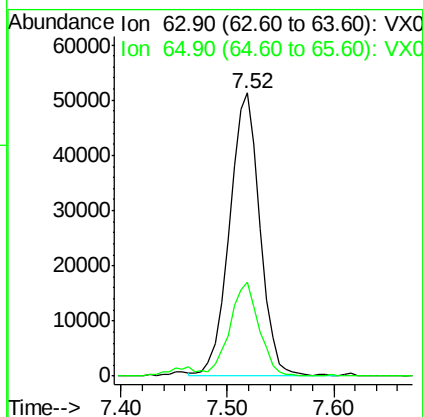
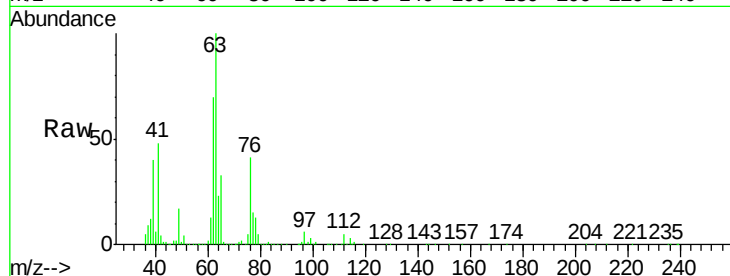
65 32.9 25.4 38.0

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#46

Dibromomethane

Concen: 19.276 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

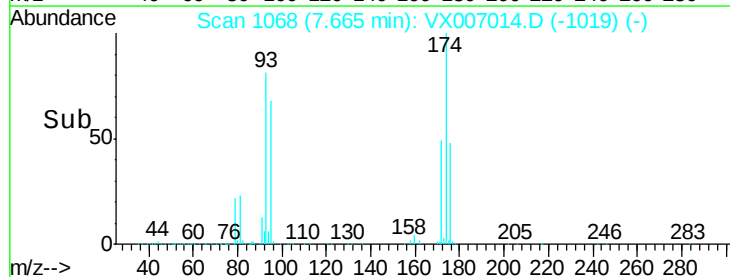
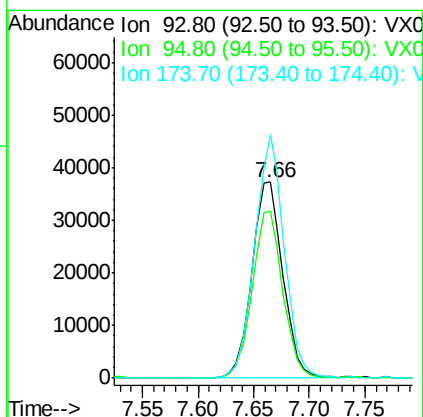
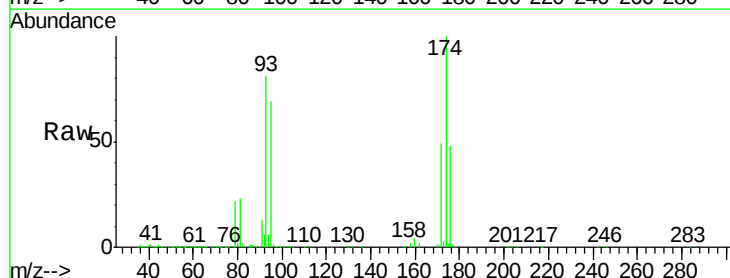
Tgt Ion: 93 Resp: 72306

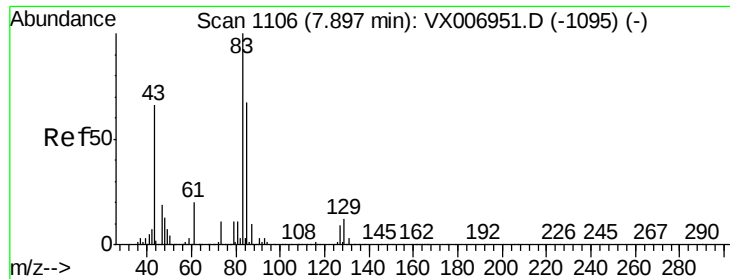
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 118.2 91.0 136.4





#47

Bromodichloromethane

Concen: 18.273 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

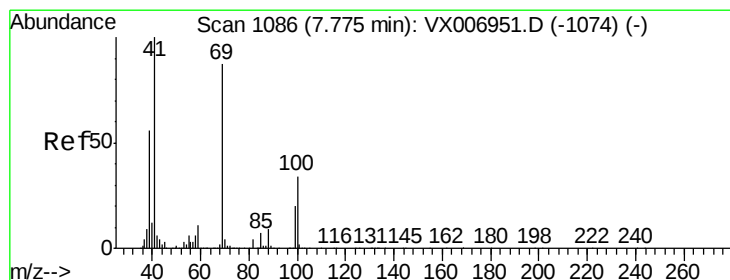
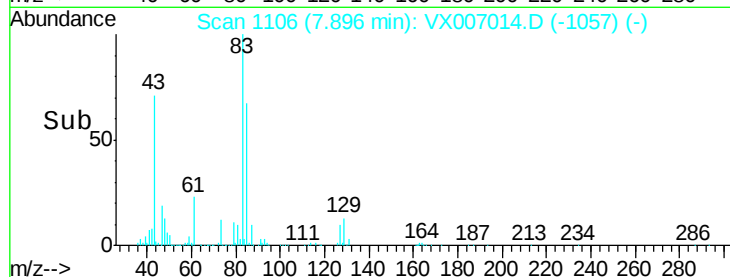
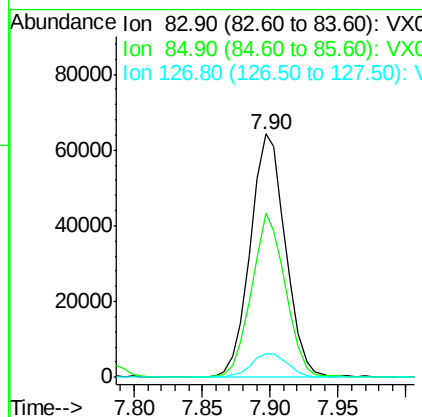
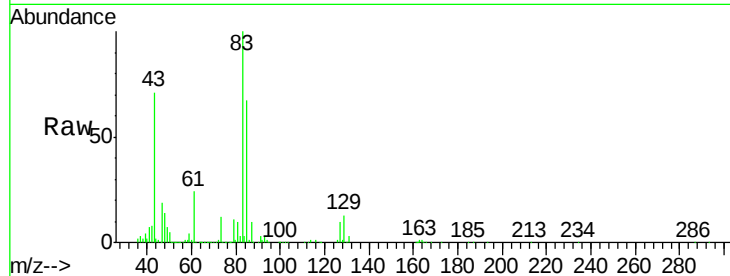
ClientSampleId :

VX0111WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 116672 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 67.5  | 53.2  | 79.8   |
| 127      | 9.6   | 7.8   | 11.6   |

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#48

Methyl methacrylate

Concen: 19.370 ug/l

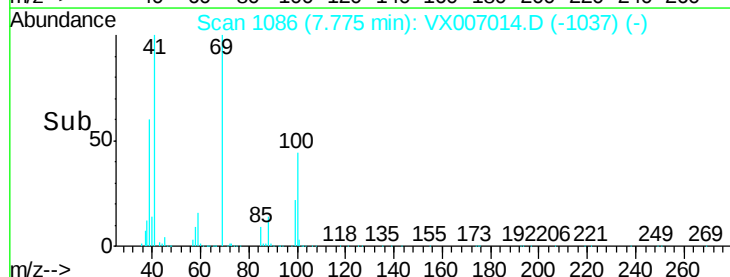
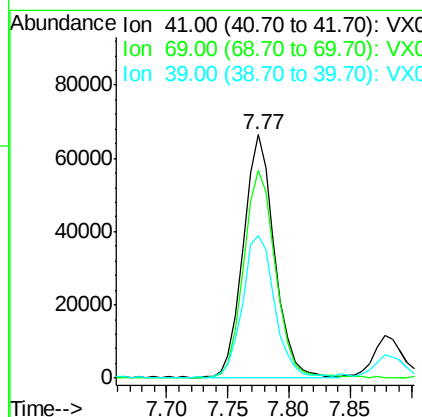
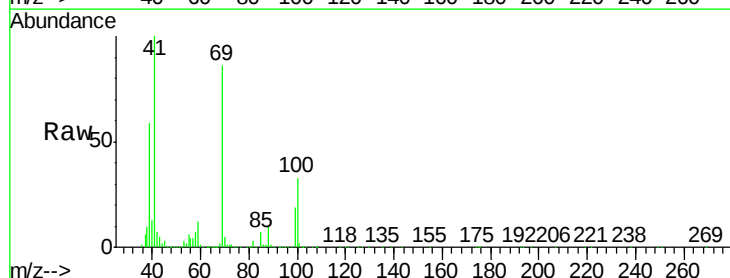
RT: 7.77 min Scan# 1086

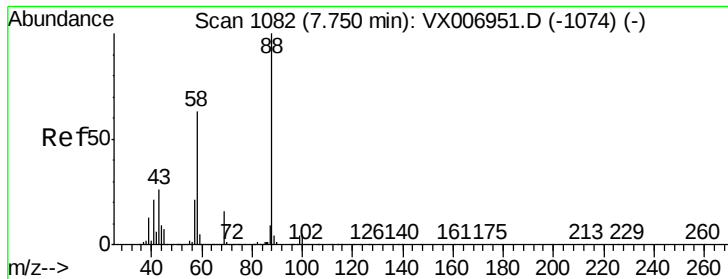
Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 117042 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 88.3  | 72.4  | 108.6  |
| 39       | 60.6  | 45.8  | 68.8   |





#49

1,4-Dioxane

Concen: 402.341 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

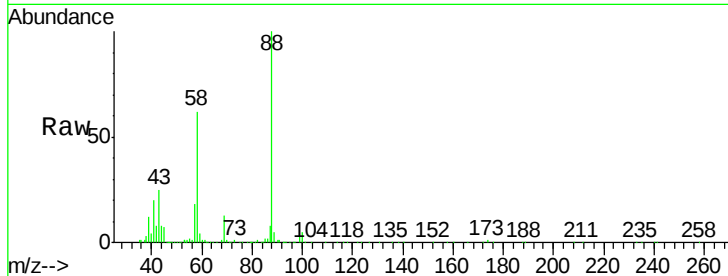
ClientSampleId :

VX0111WBSD01

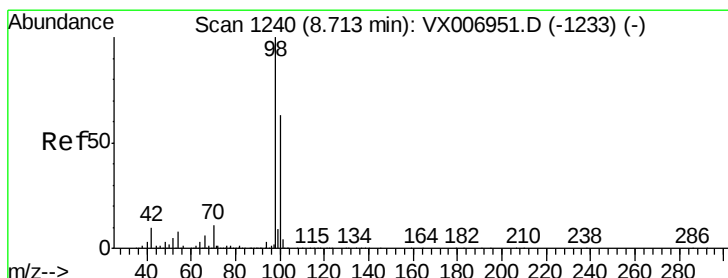
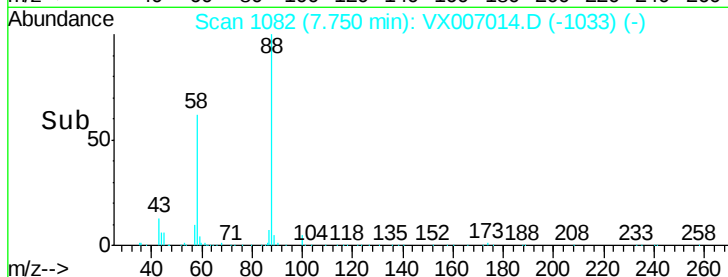
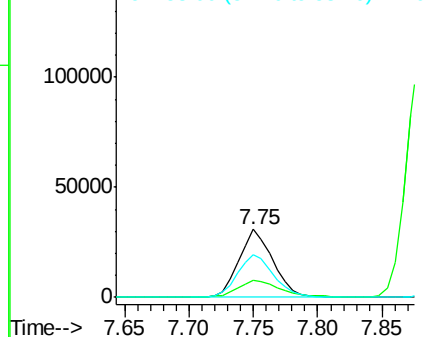
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 56226 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 29.3  | 22.2  | 33.4  |
| 58       | 65.9  | 51.0  | 76.4  |

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Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.569 ug/l

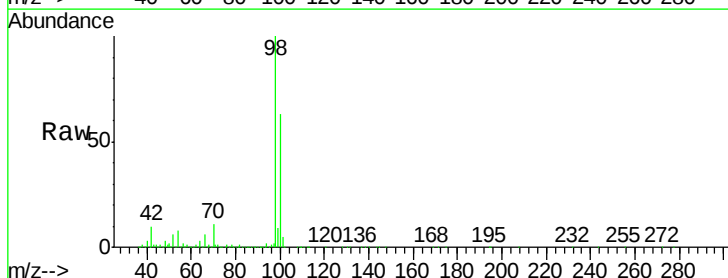
RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

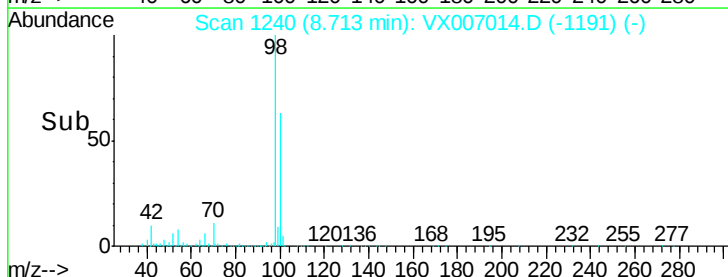
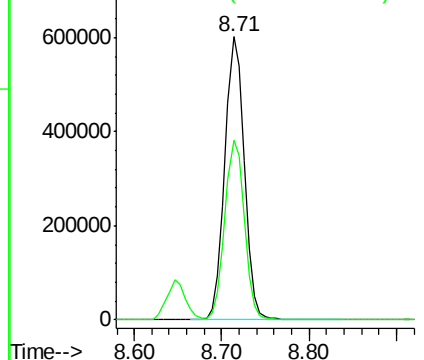
Lab File: VX007014.D

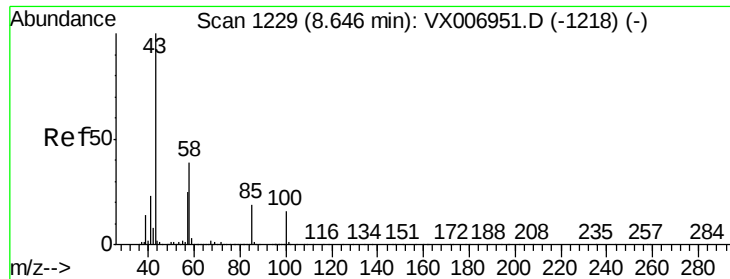
Acq: 11 Jan 2019 15:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 929856 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.9  | 52.0  | 78.0   |



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 103.674 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 43 Resp: 783938

Ion Ratio Lower Upper

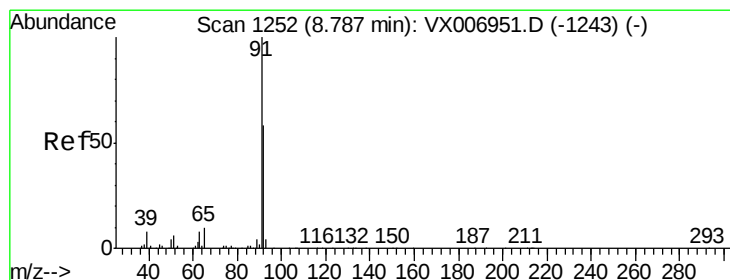
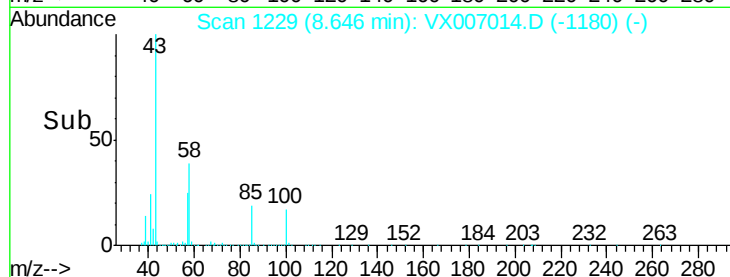
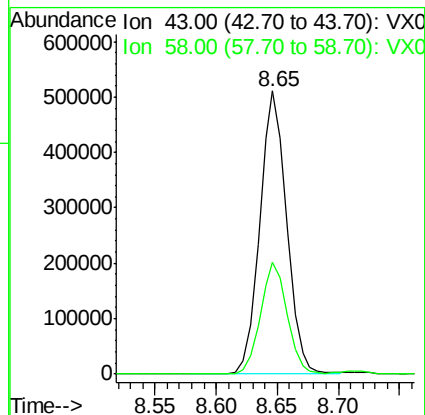
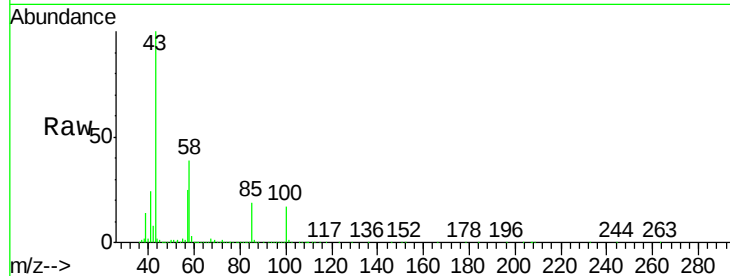
43 100

58 39.1 31.8 47.6

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#52

Toluene

Concen: 19.537 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007014.D

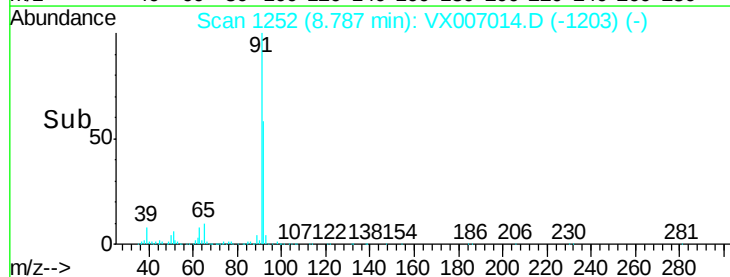
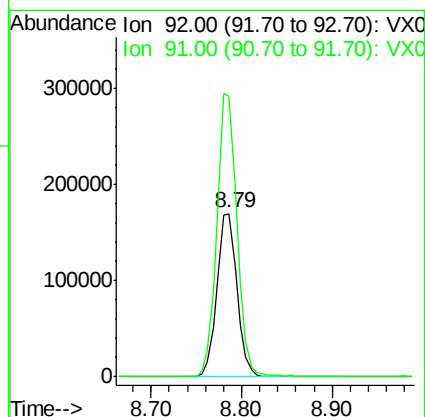
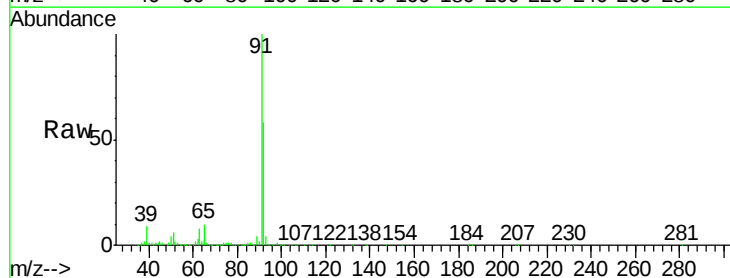
Acq: 11 Jan 2019 15:30

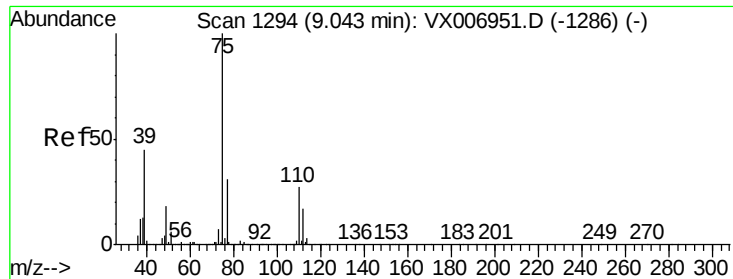
Tgt Ion: 92 Resp: 266592

Ion Ratio Lower Upper

92 100

91 173.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 17.797 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 75 Resp: 126002

Ion Ratio Lower Upper

75 100

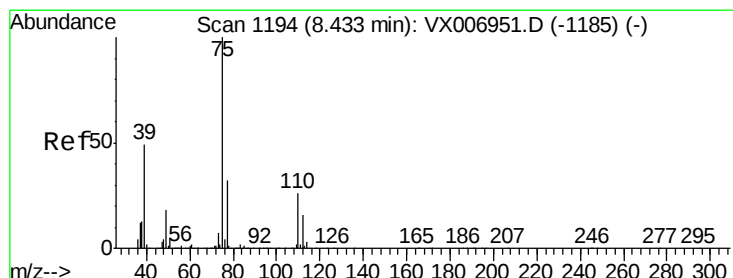
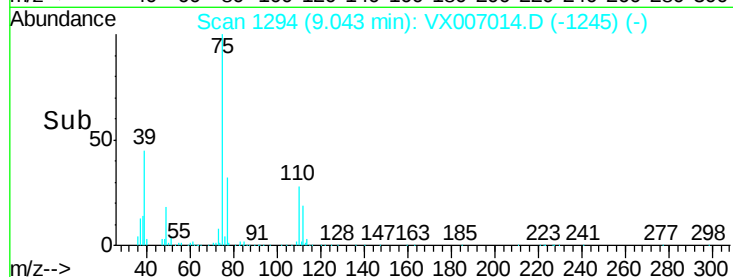
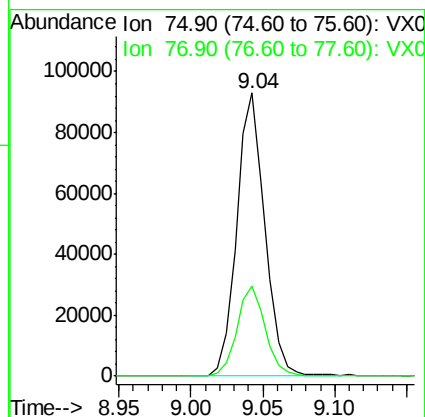
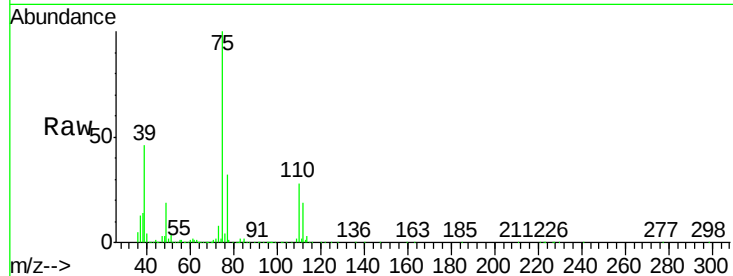
77 31.5 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 18.397 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

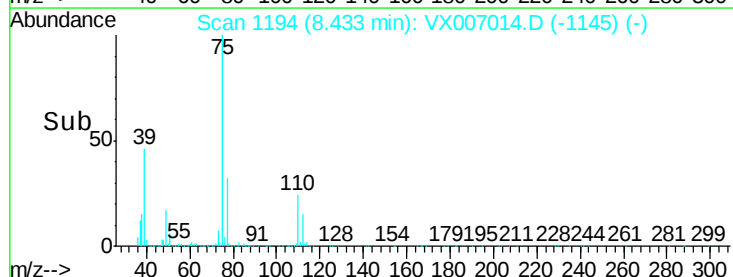
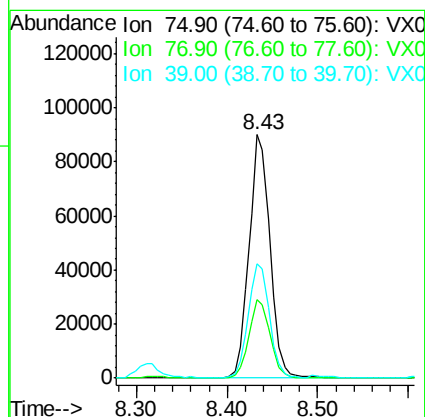
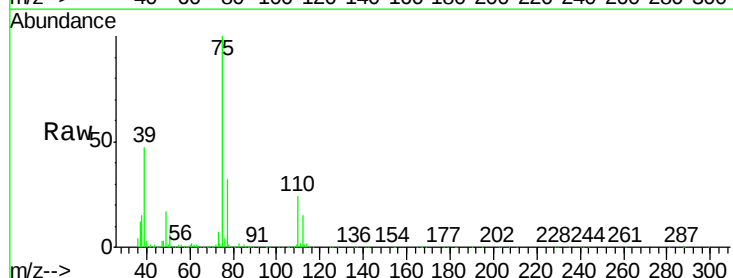
Tgt Ion: 75 Resp: 143841

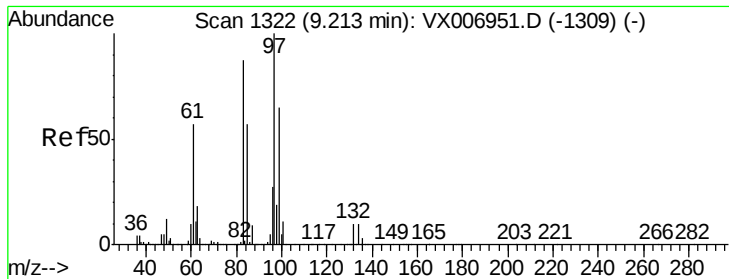
Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

39 46.6 36.7 55.1





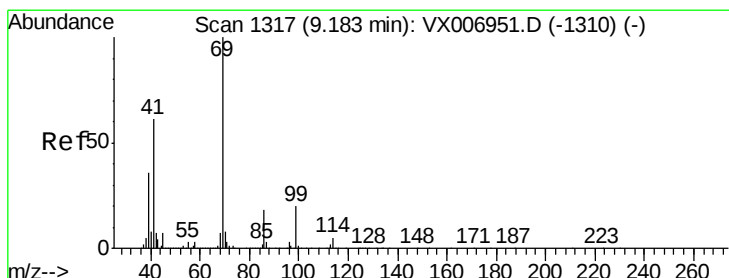
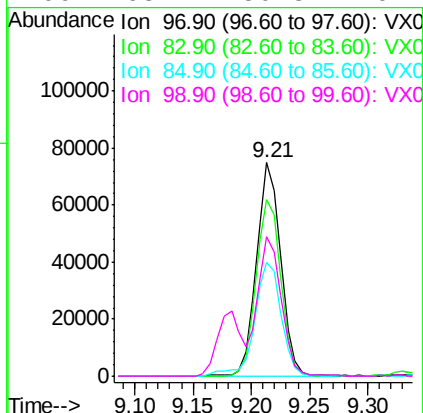
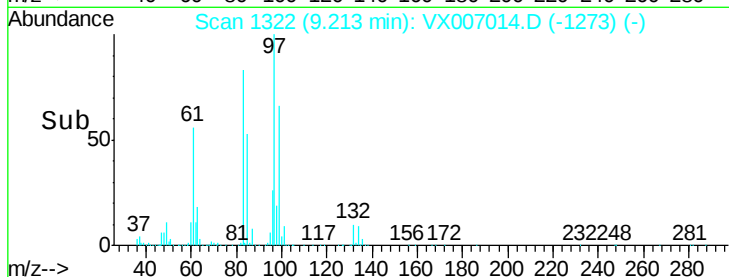
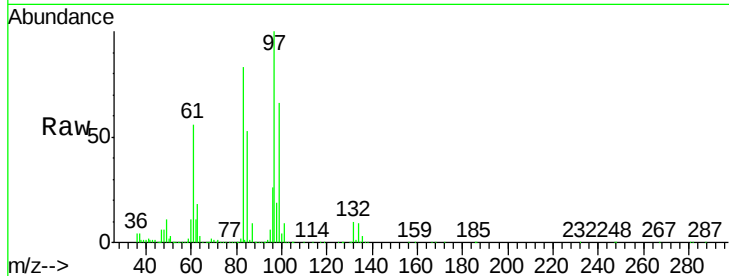
#55  
 1,1,2-Trichloroethane  
 Concen: 20.117 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX007014.D  
 Acq: 11 Jan 2019 15:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0111WBSD01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 109875 |       |       |
| 83      | 82.8 | 66.6  | 99.8   |       |       |
| 85      | 53.0 | 42.7  | 64.1   |       |       |
| 99      | 65.4 | 50.8  | 76.2   |       |       |

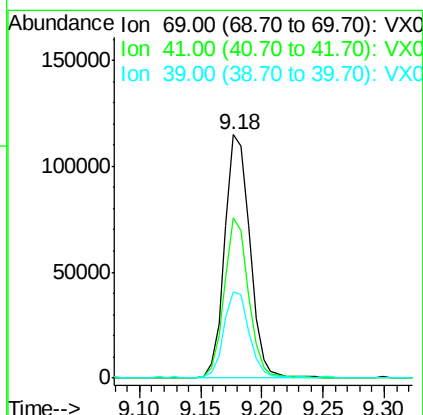
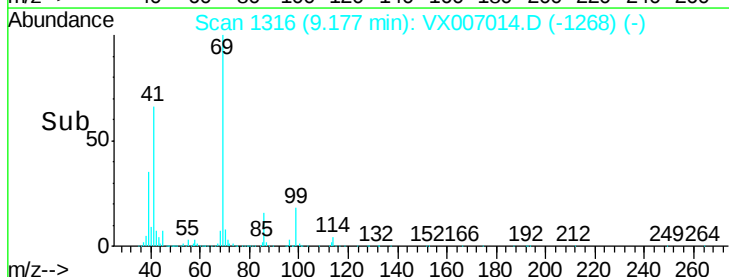
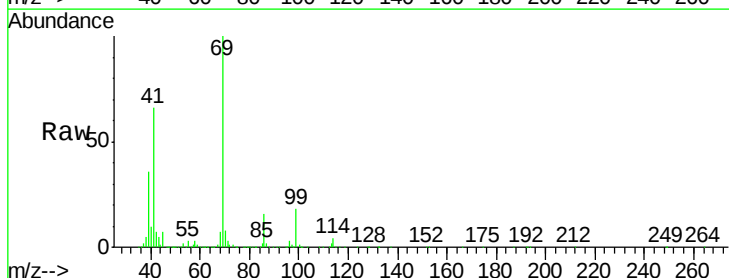
Manual Integrations  
 APPROVED

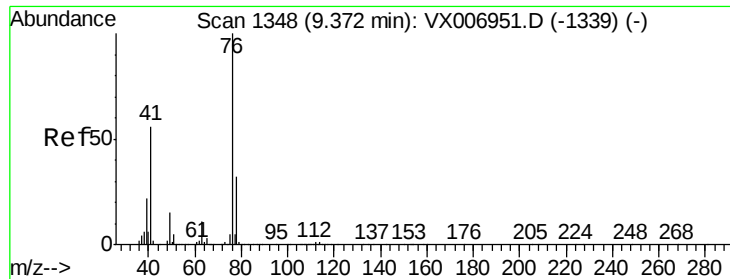
MMDadoda  
 1/14/2019 10:40:42 AM



#56  
 Ethyl methacrylate  
 Concen: 20.571 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.01 min  
 Lab File: VX007014.D  
 Acq: 11 Jan 2019 15:30

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 164022 |       |       |
| 41      | 63.2 | 48.7  | 73.1   |       |       |
| 39      | 35.2 | 27.0  | 40.6   |       |       |





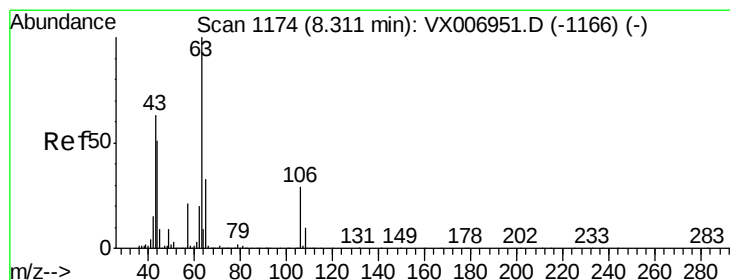
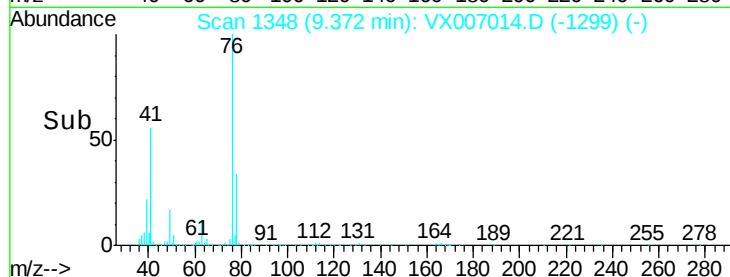
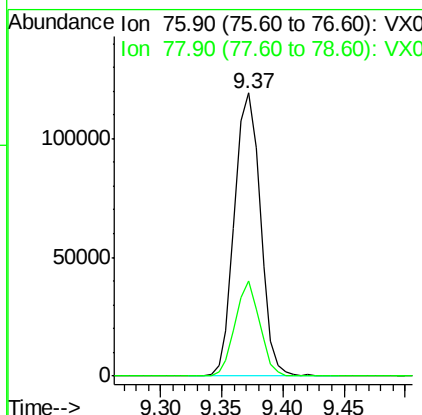
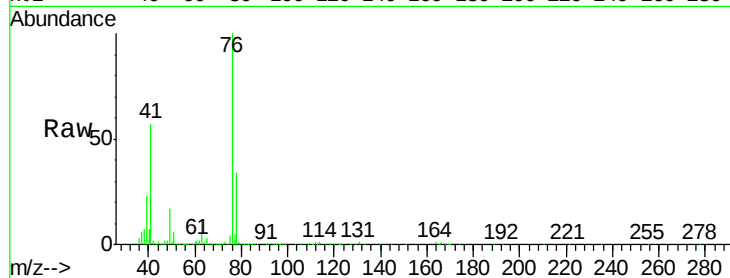
#57  
 1,3-Dichloropropane  
 Concen: 19.540 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX007014.D  
 Acq: 11 Jan 2019 15:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0111WBSD01

Tot Ion: 76 Resp: 174839  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 26.0 39.0

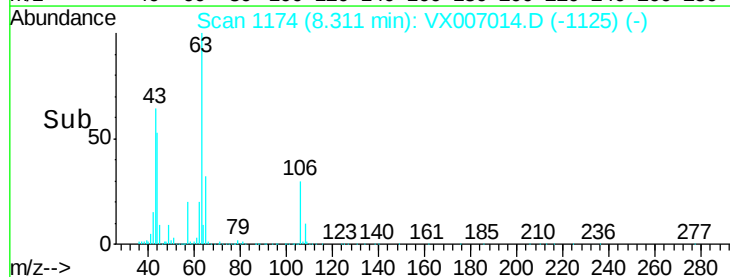
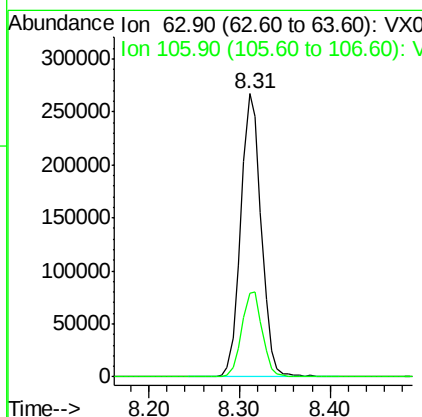
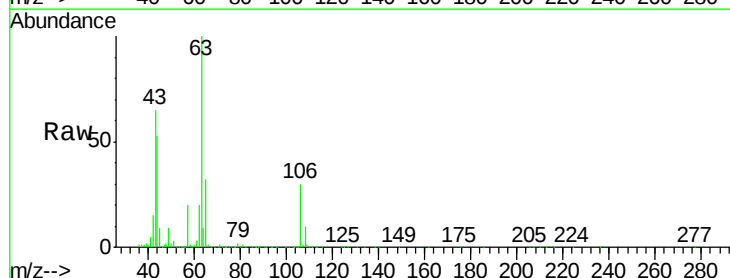
Manual Integrations  
 APPROVED

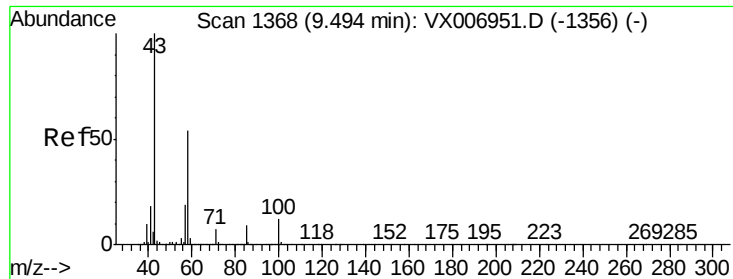
MMDadoda  
 1/14/2019 10:40:42 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 101.821 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: VX007014.D  
 Acq: 11 Jan 2019 15:30

Tgt Ion: 63 Resp: 417424  
 Ion Ratio Lower Upper  
 63 100  
 106 30.1 24.6 36.8





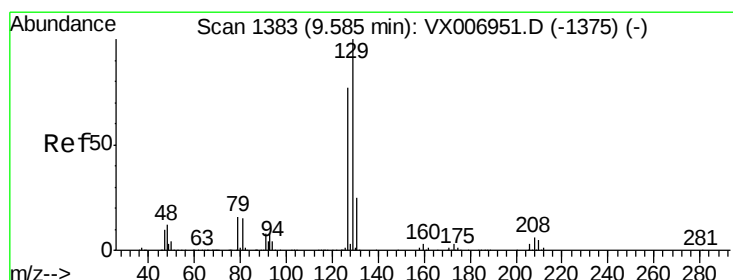
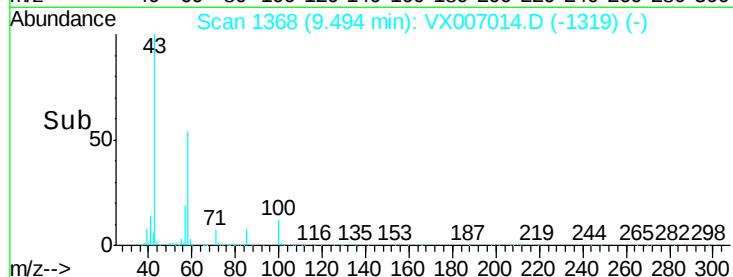
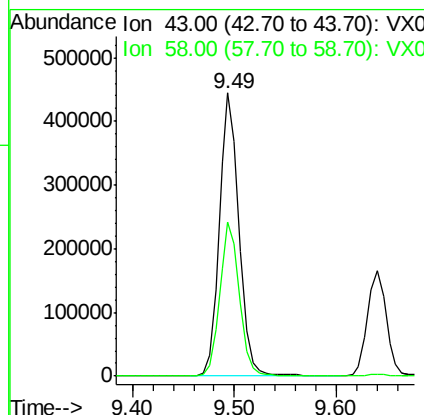
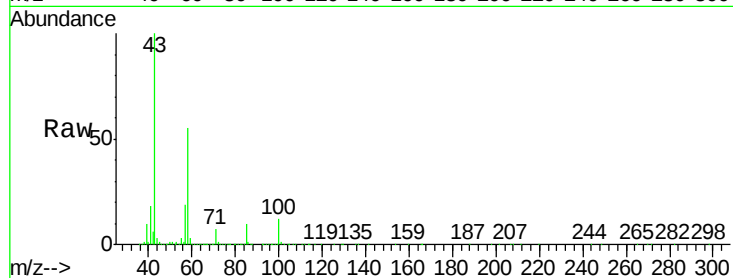
#59  
2-Hexanone  
Concen: 104.154 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

Tot Ion: 43 Resp: 600174  
Ion Ratio Lower Upper  
43 100  
58 54.4 27.7 83.1

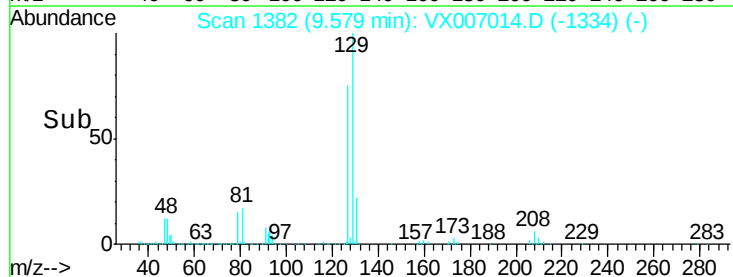
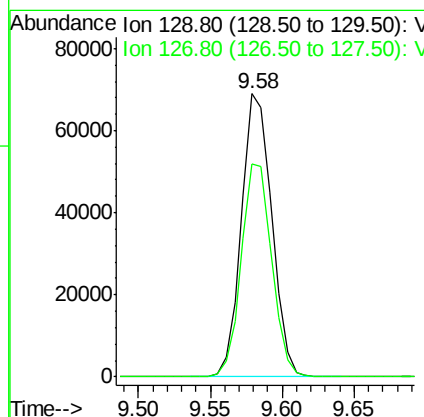
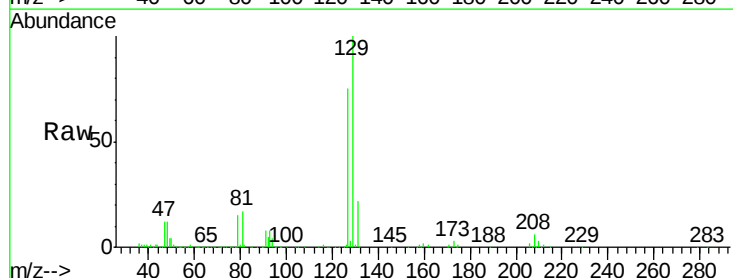
Manual Integrations  
APPROVED

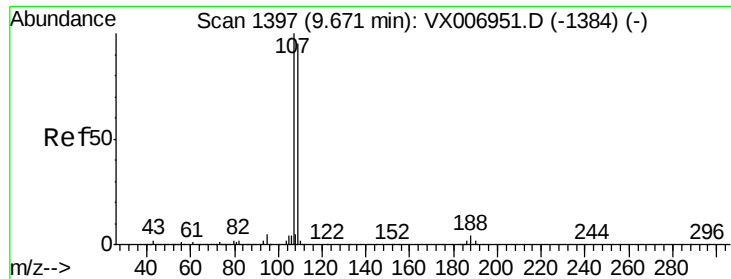
MMDadoda  
1/14/2019 10:40:42 AM



#60  
Dibromochloromethane  
Concen: 19.048 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.01 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Tgt Ion: 129 Resp: 101022  
Ion Ratio Lower Upper  
129 100  
127 75.7 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.454 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 107 Resp: 116972

Ion Ratio Lower Upper

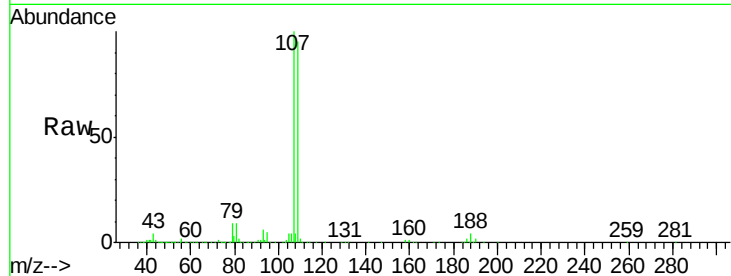
107 100

109 95.9 75.8 113.6

Manual Integrations  
APPROVED

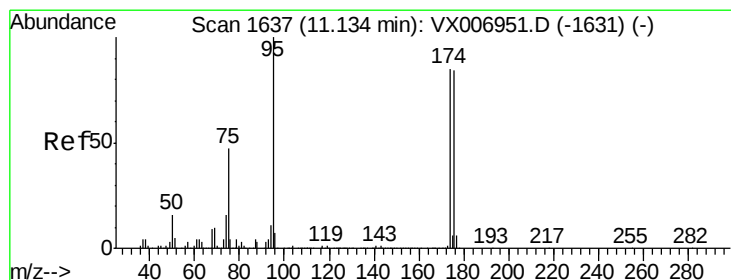
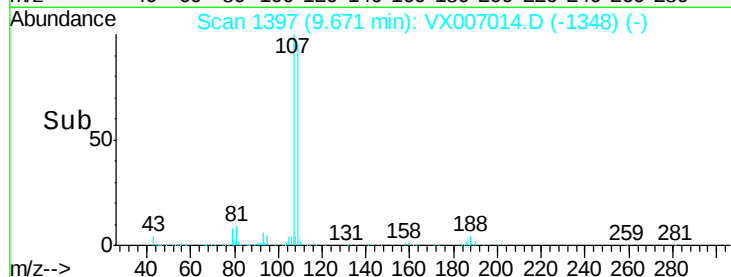
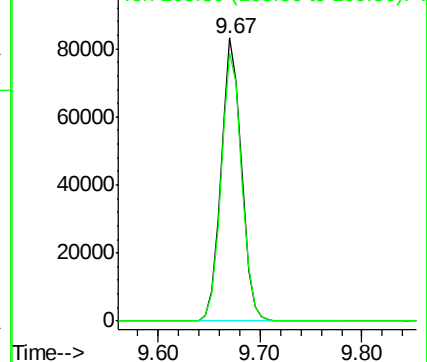
MMDadoda

1/14/2019 10:40:42 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.410 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

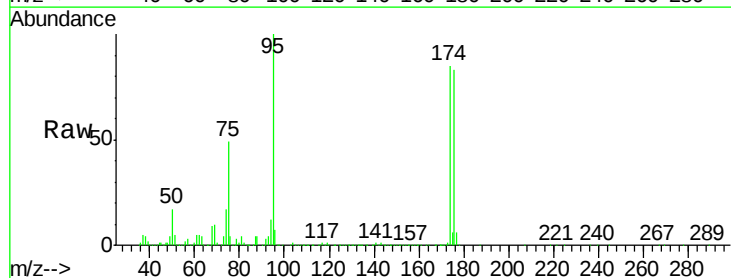
Tgt Ion: 95 Resp: 336208

Ion Ratio Lower Upper

95 100

174 93.7 0.0 182.2

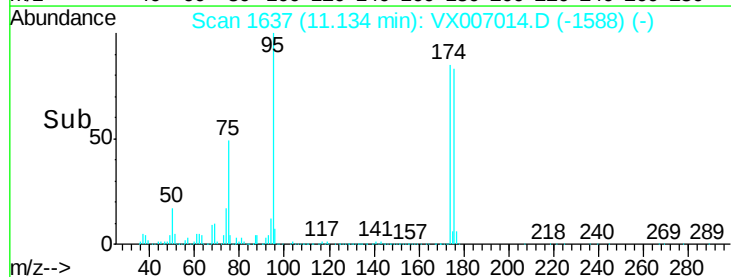
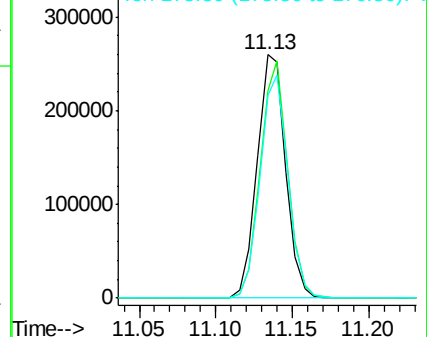
176 90.2 0.0 178.8

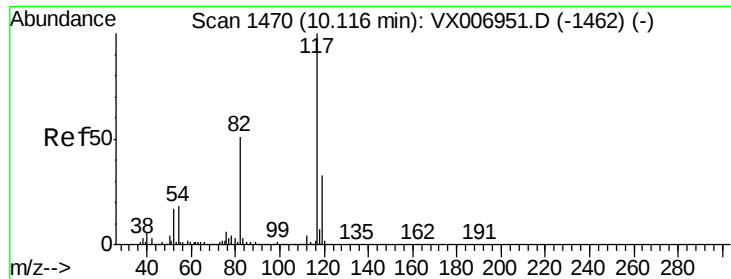


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





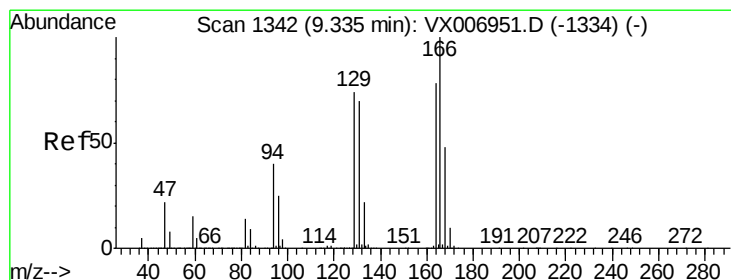
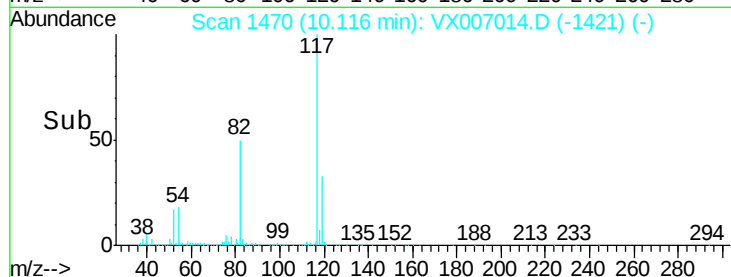
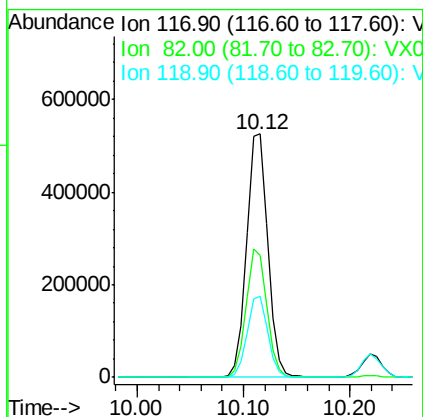
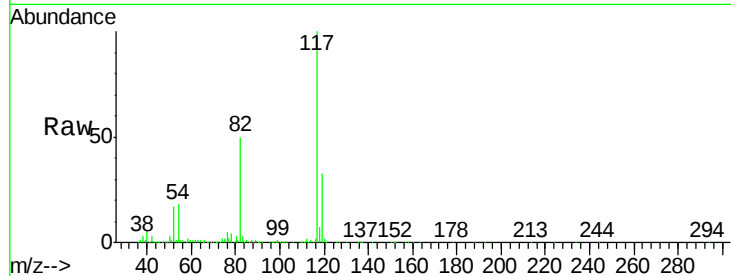
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0111WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 738040 |       |       |
| 82      | 50.3  |        | 41.0  | 61.6  |
| 119     | 33.2  |        | 25.4  | 38.0  |

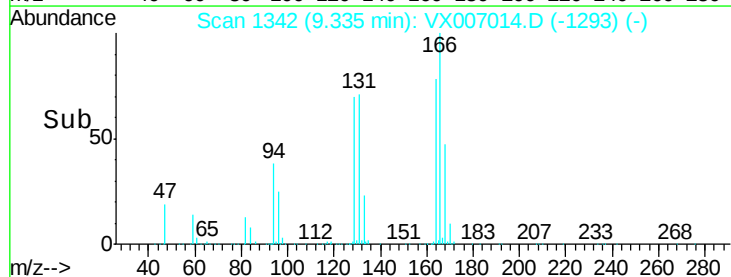
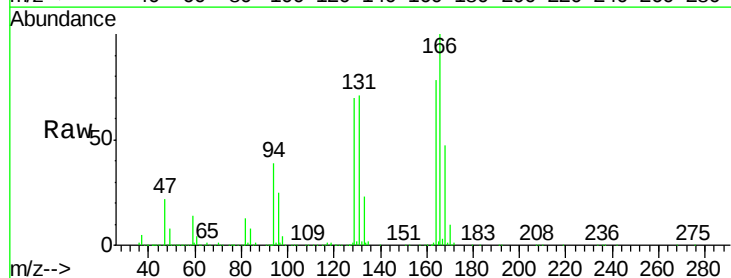
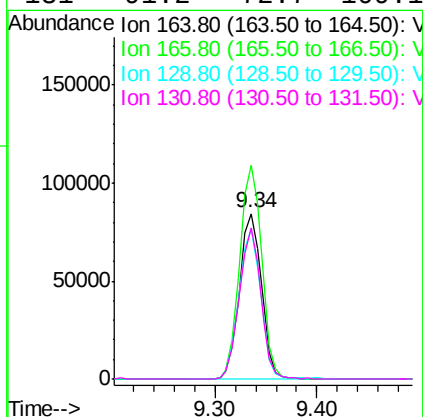
Manual Integrations  
APPROVED

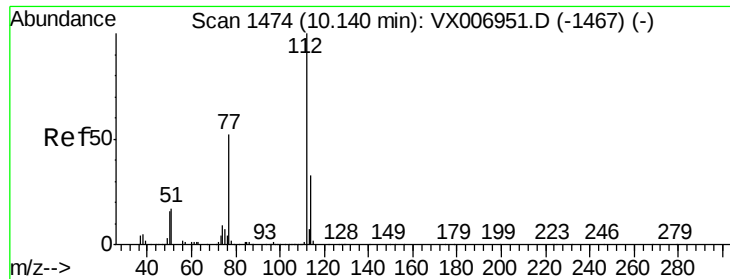
MMDadoda  
1/14/2019 10:40:42 AM



#64  
Tetrachloroethene  
Concen: 19.685 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 125779 |       |       |
| 166     | 128.8 |        | 102.5 | 153.7 |
| 129     | 90.6  |        | 75.1  | 112.7 |
| 131     | 91.2  |        | 72.7  | 109.1 |





#65

Chlorobenzene

Concen: 19.373 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion:112 Resp: 311855

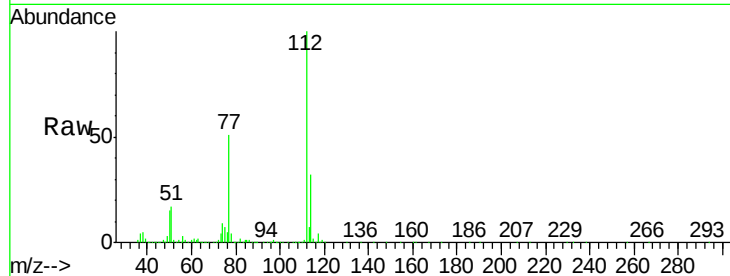
Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5

Manual Integrations  
APPROVED

MMDadoda  
1/14/2019 10:40:42 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

250000

200000

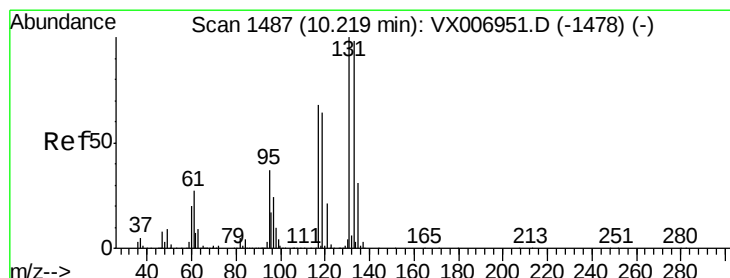
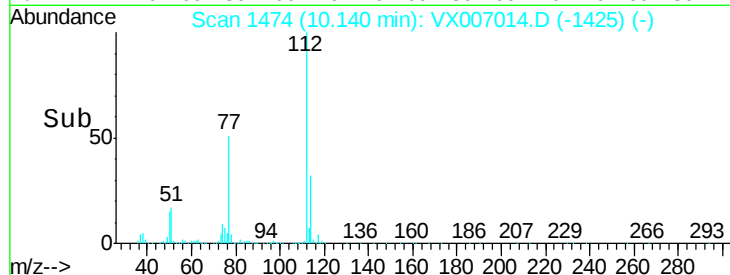
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.764 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

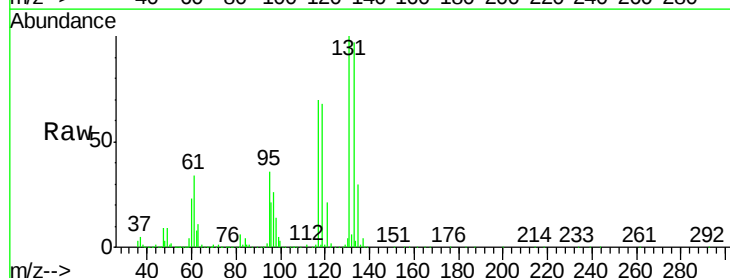
Tgt Ion:131 Resp: 101610

Ion Ratio Lower Upper

131 100

133 97.3 48.0 144.2

119 65.5 32.6 97.8



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

200000

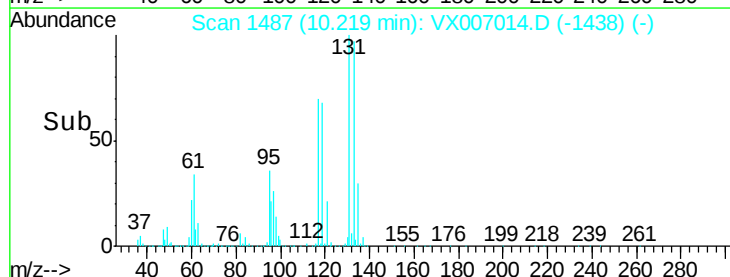
150000

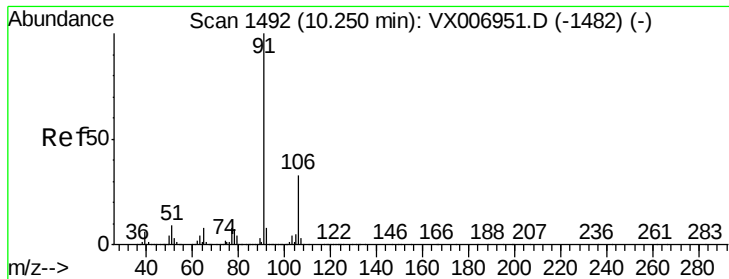
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 19.020 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 91 Resp: 505447

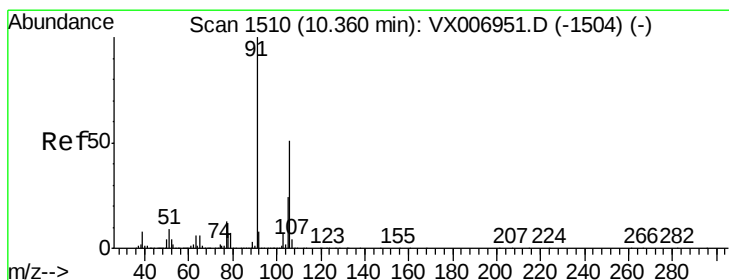
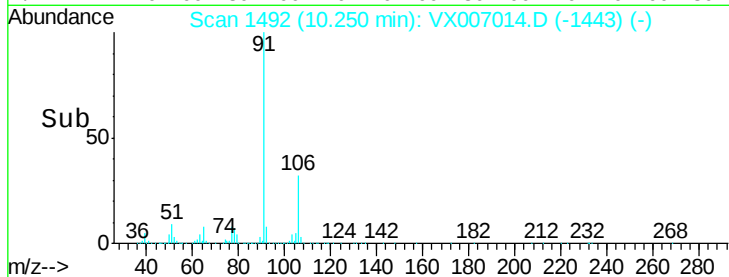
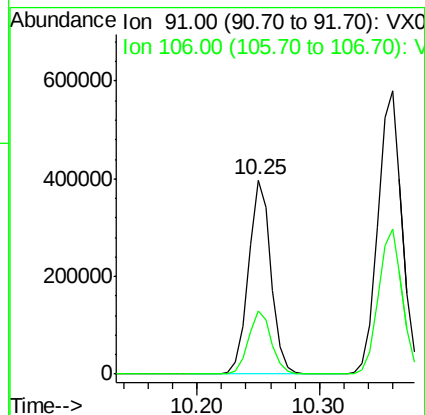
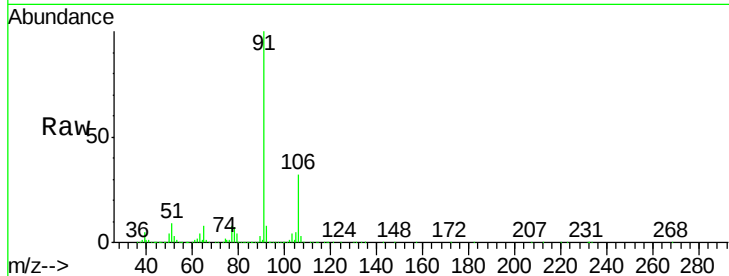
Ion Ratio Lower Upper

91 100

106 32.5 26.4 39.6

Manual Integrations  
APPROVED

MMDadoda  
1/14/2019 10:40:42 AM



#68

m/p-Xylenes

Concen: 38.426 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007014.D

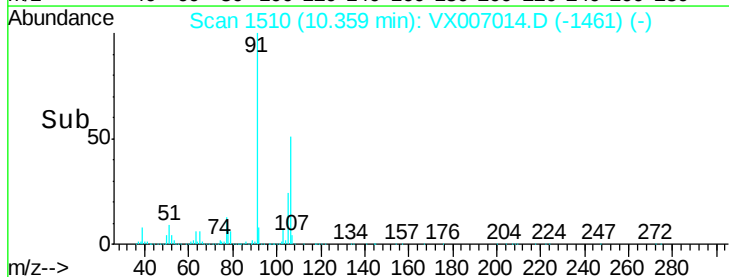
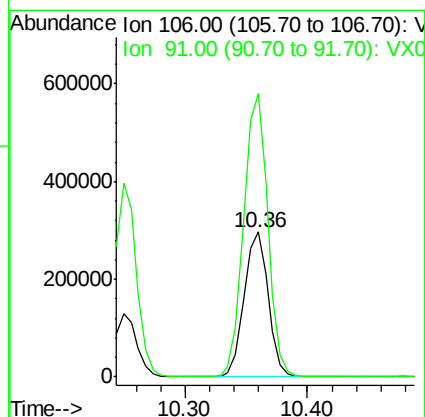
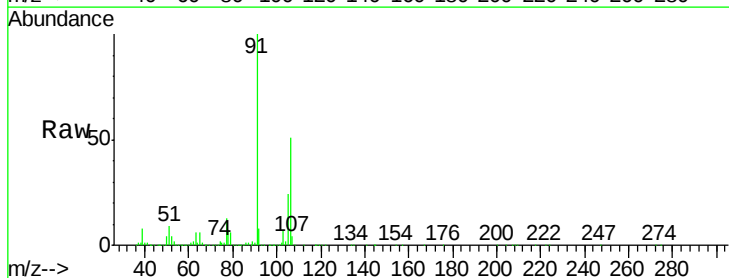
Acq: 11 Jan 2019 15:30

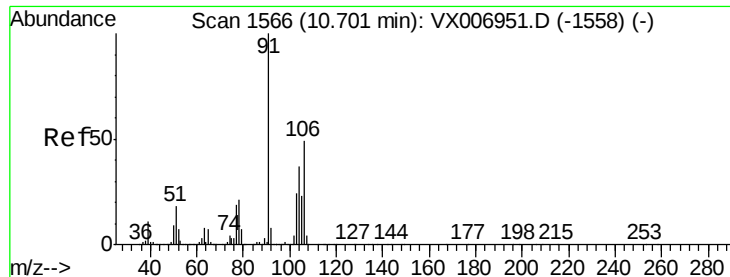
Tgt Ion: 106 Resp: 402309

Ion Ratio Lower Upper

106 100

91 196.1 155.8 233.6





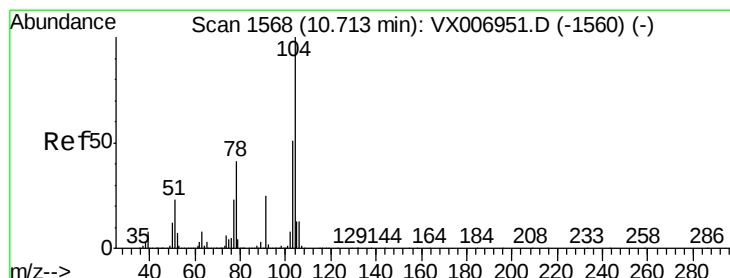
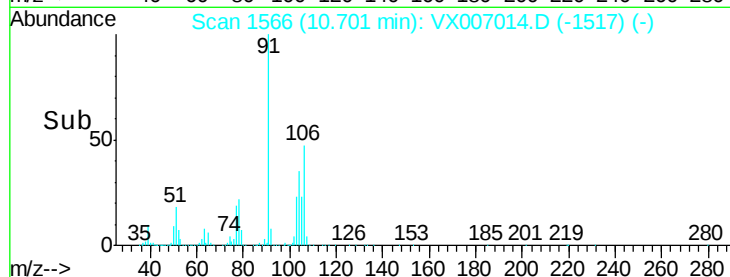
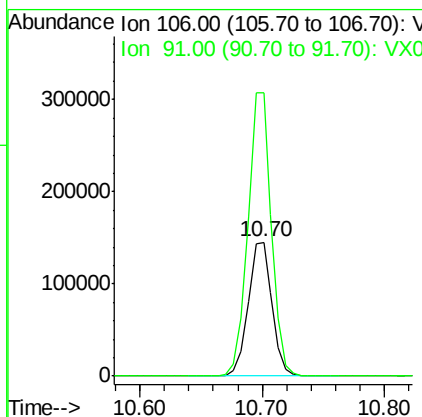
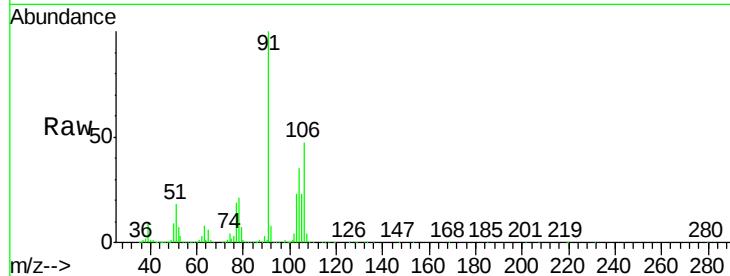
#69  
o-Xylene  
Concen: 19.286 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0111WBSD01

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 106     | 106 | 100   | 196923 |       |       |
| 91      | 91  | 208.0 | 101.3  | 303.7 |       |

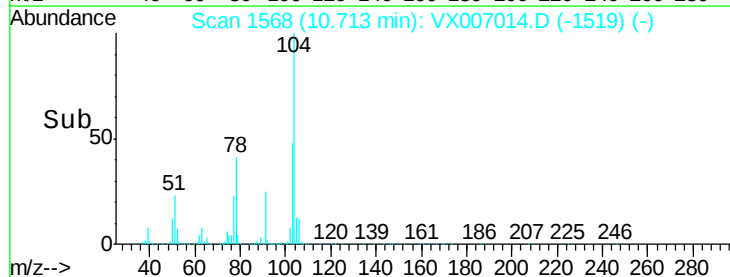
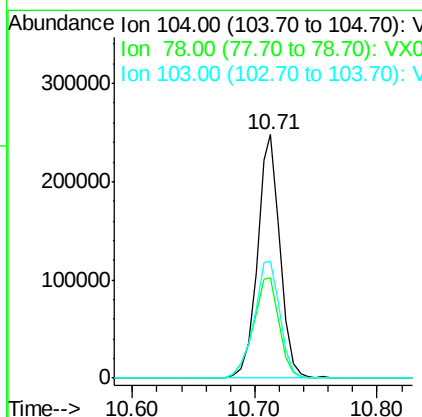
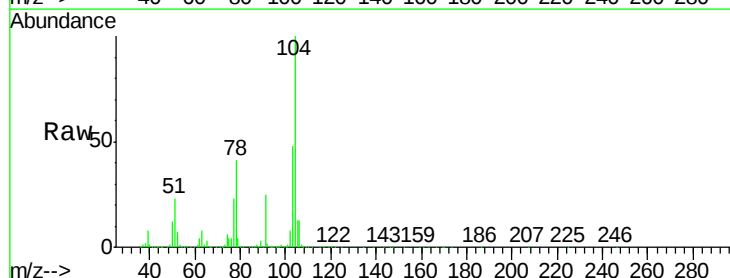
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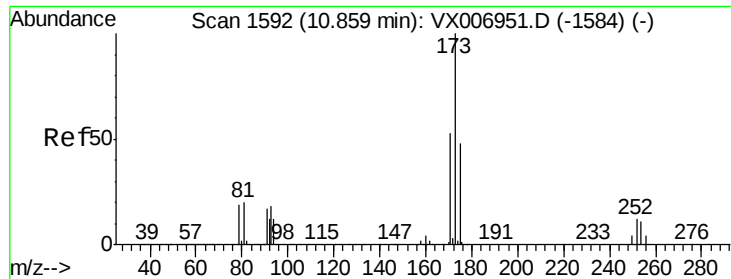
MMDadoda  
1/14/2019 10:40:42 AM



#70  
Styrene  
Concen: 19.623 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 104     | 104 | 100   | 317338 |       |       |
| 78      | 78  | 47.8  | 37.7   | 56.5  |       |
| 103     | 103 | 55.7  | 43.8   | 65.8  |       |





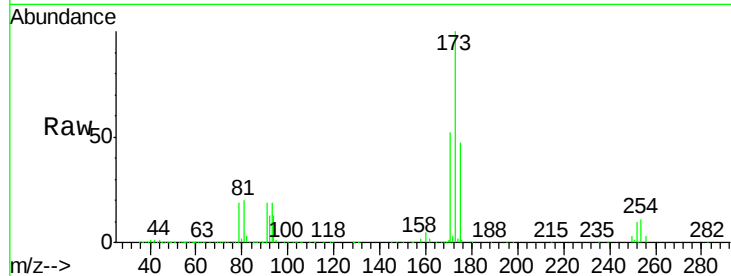
#71  
Bromoform  
Concen: 18.043 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. 0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

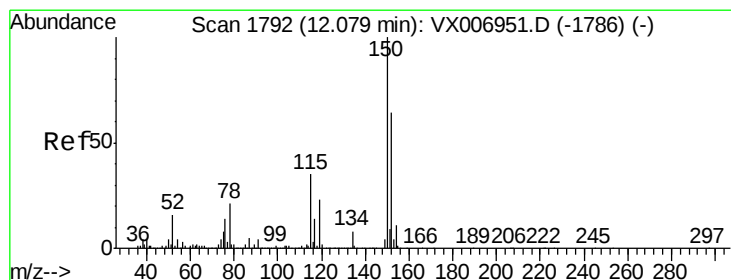
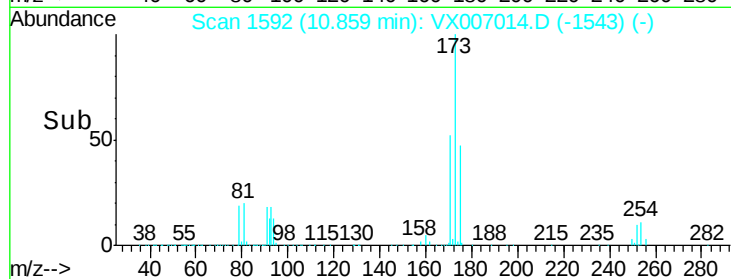
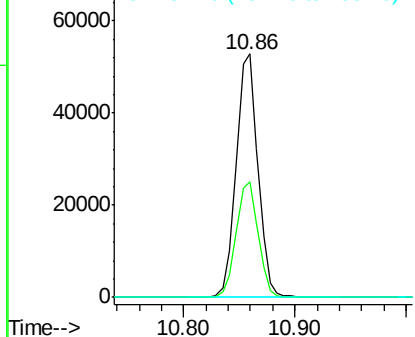
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.3  | 24.7  | 74.1  |
| 254     | 0.0   | 0.2   | 0.2   |

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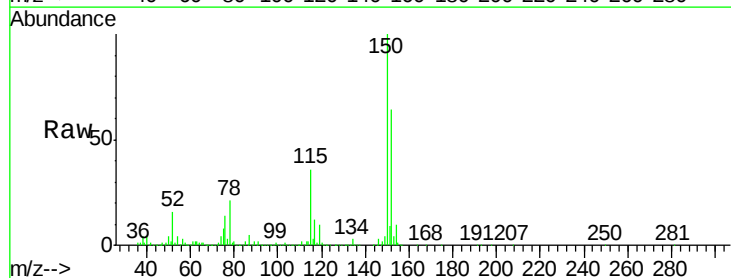


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

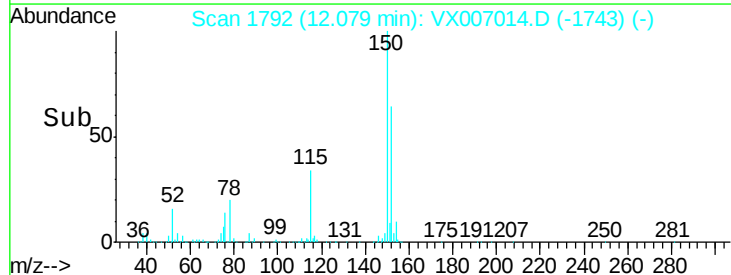
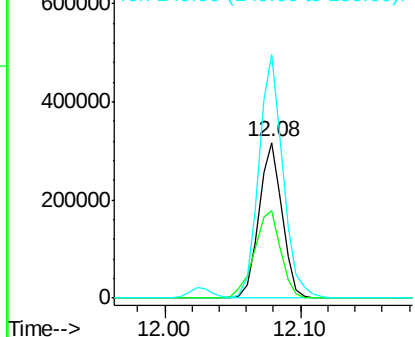


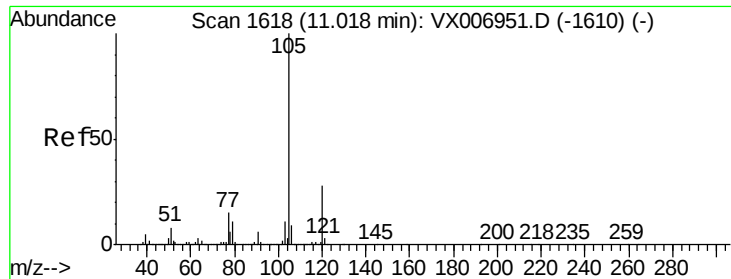
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 64.6  | 39.1  | 117.2 |
| 150     | 163.5 | 0.0   | 344.8 |



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: 19.582 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 105 Resp: 521783

Ion Ratio Lower Upper

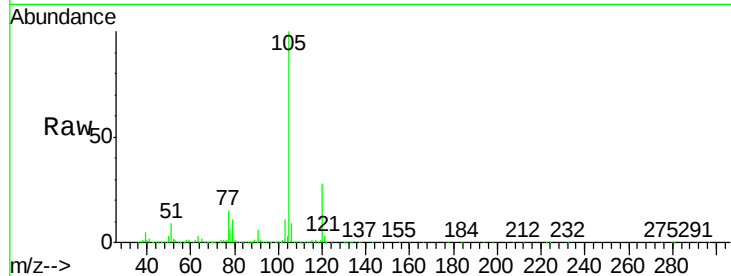
105 100

120 27.7 14.1 42.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

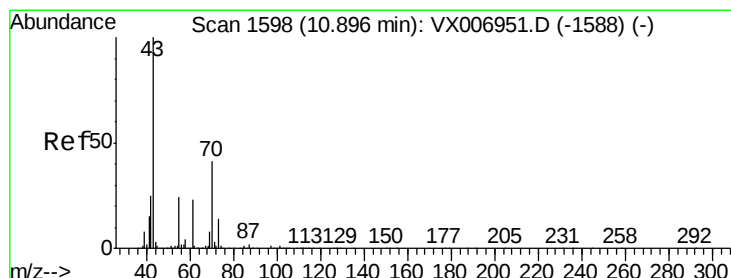
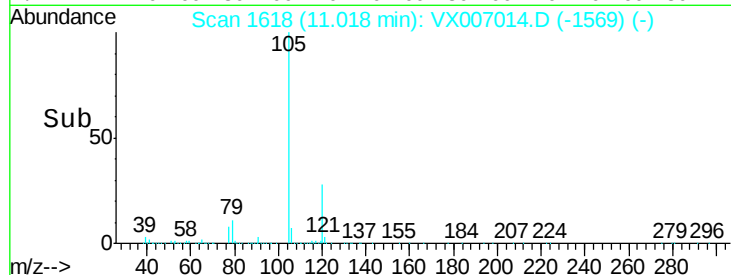
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 19.057 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Tgt Ion: 43 Resp: 204454

Ion Ratio Lower Upper

43 100

70 43.2 35.8 53.8

55 25.2 19.4 29.0

61 24.4 20.1 30.1

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

50000

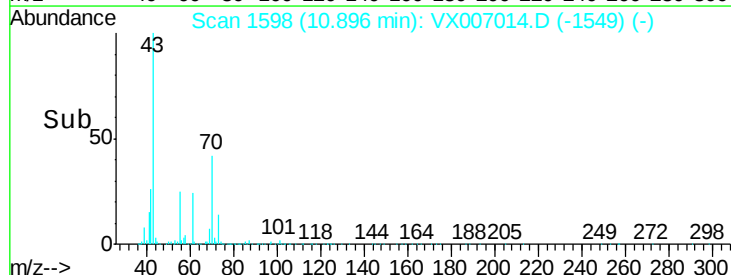
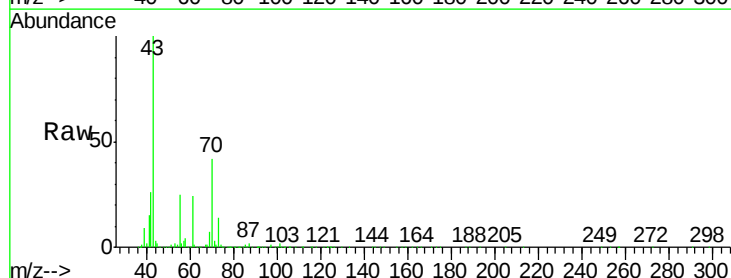
0

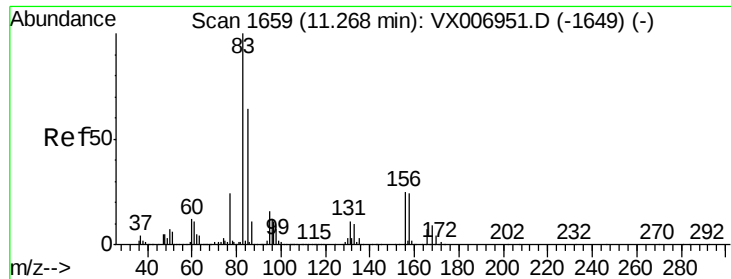
10.90

11.00

10.80

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.234 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 83 Resp: 162705

Ion Ratio Lower Upper

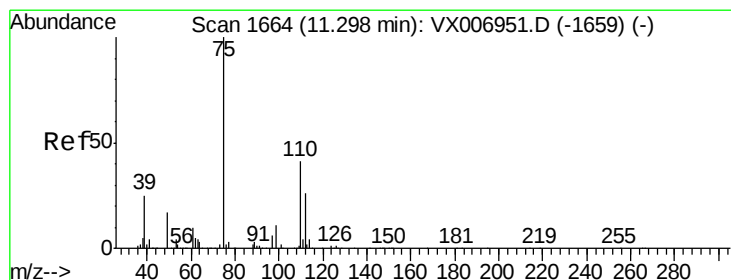
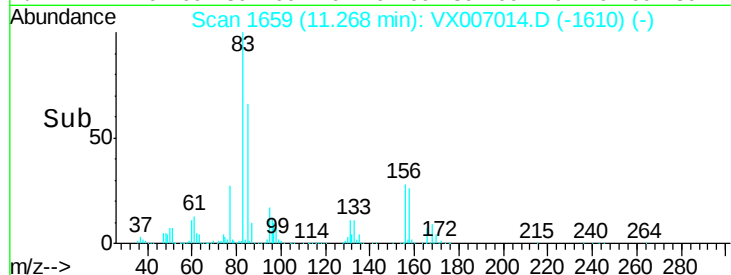
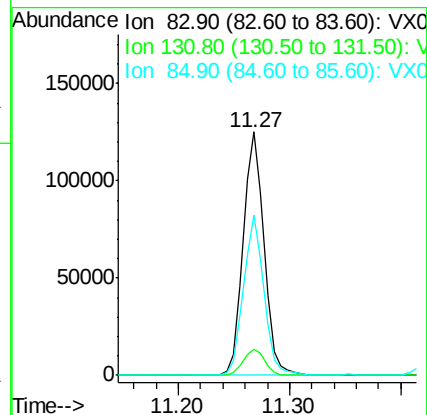
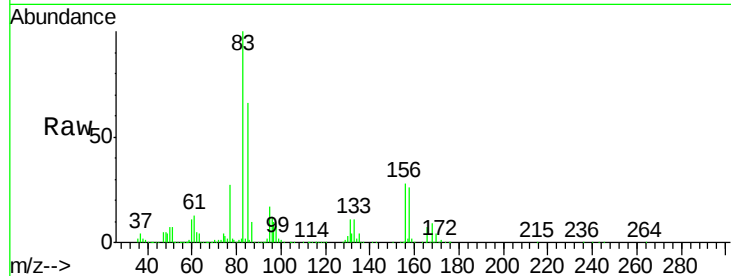
83 100

131 11.0 5.7 17.1

85 64.3 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 19.334 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007014.D

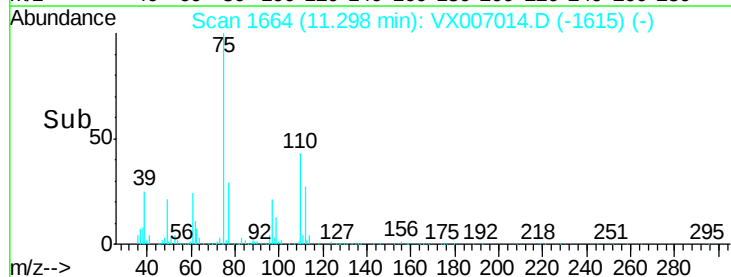
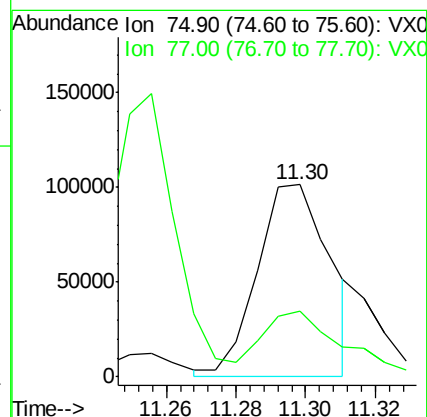
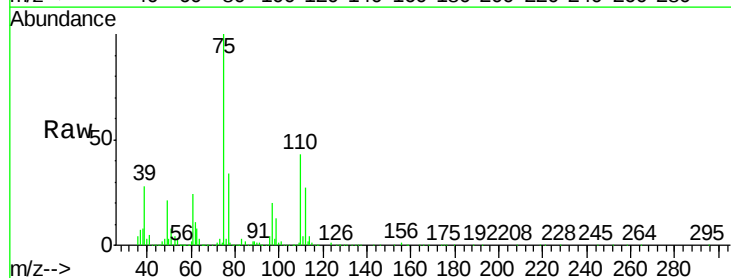
Acq: 11 Jan 2019 15:30

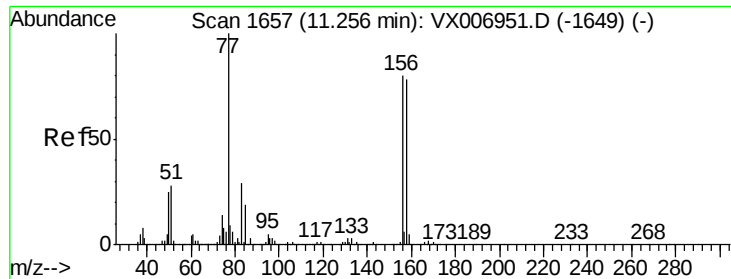
Tgt Ion: 75 Resp: 148057

Ion Ratio Lower Upper

75 100

77 37.7 18.5 55.5





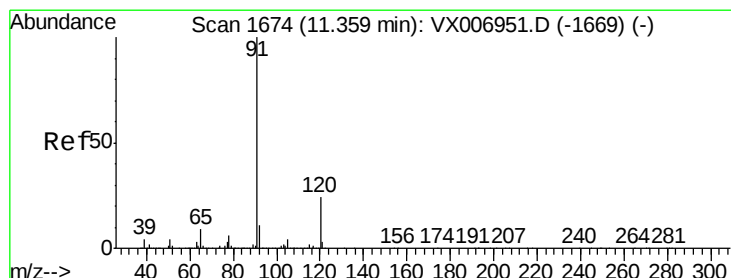
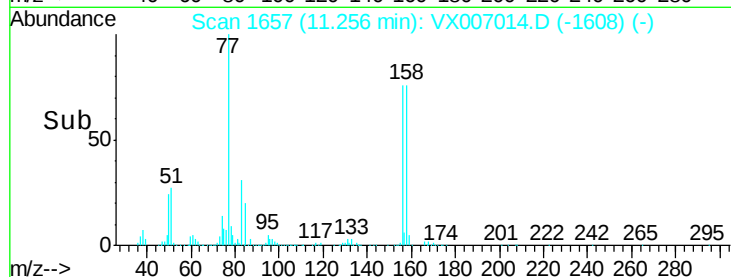
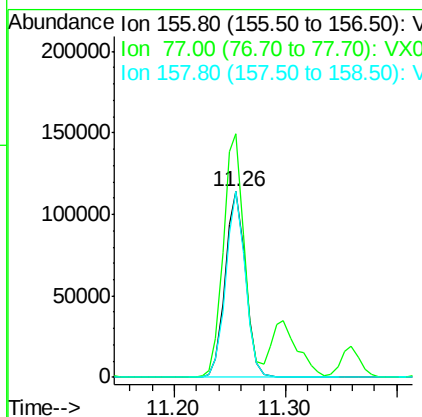
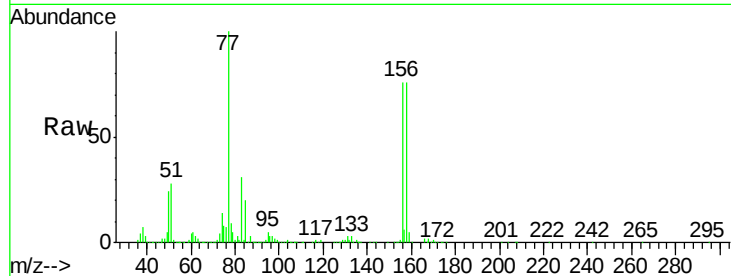
#77  
Bromobenzene  
Concen: 19.621 ug/l  
RT: 11.26 min Scan# 1657  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 135.1 | 68.0  | 204.0 |
| 158     | 95.9  | 48.3  | 144.8 |

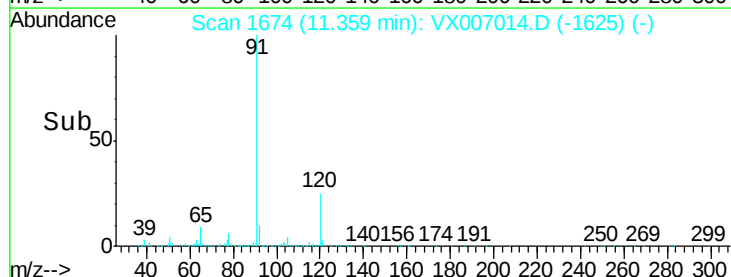
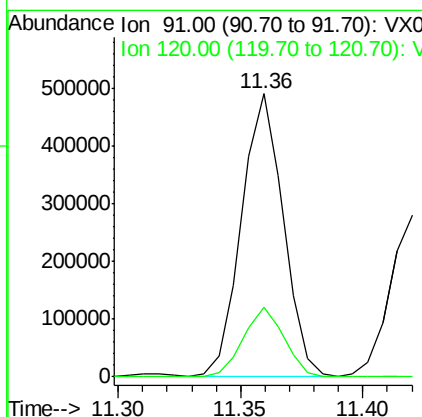
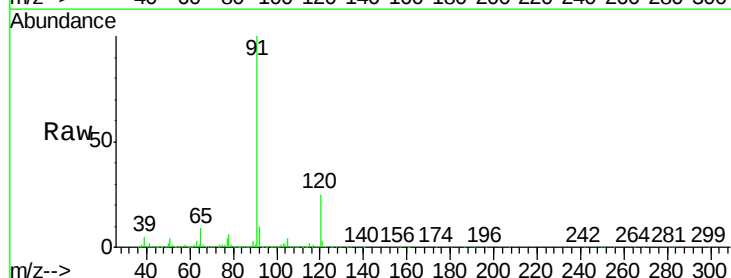
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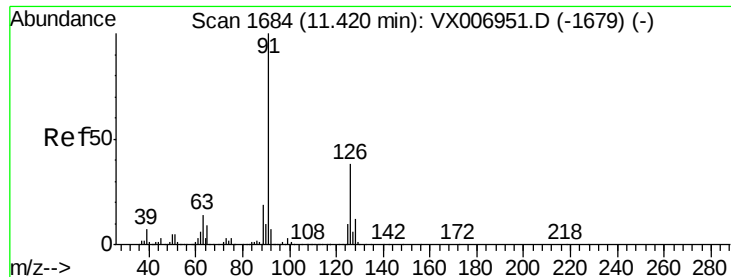
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#78  
n-propylbenzene  
Concen: 19.826 ug/l  
RT: 11.36 min Scan# 1674  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.3  | 12.7  | 38.0  |





#79

2-Chlorotoluene

Concen: 19.589 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion: 91 Resp: 344936

Ion Ratio Lower Upper

91 100

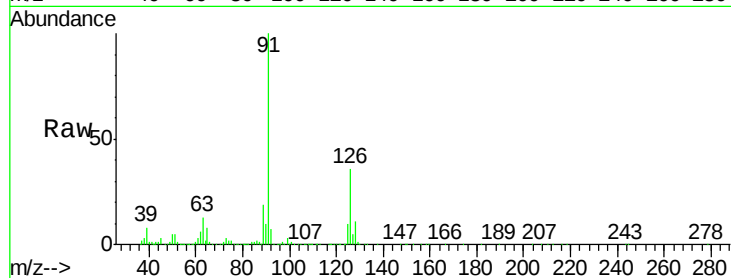
126 37.2 18.6 56.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1679) (-)

500000

400000

300000

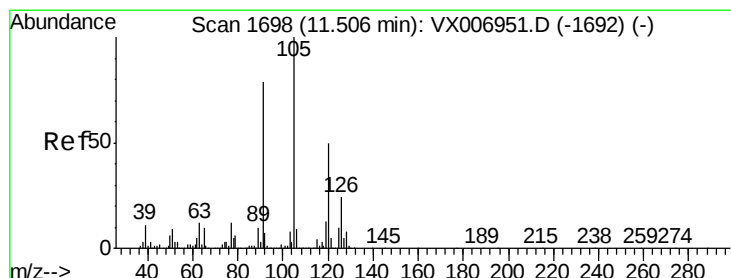
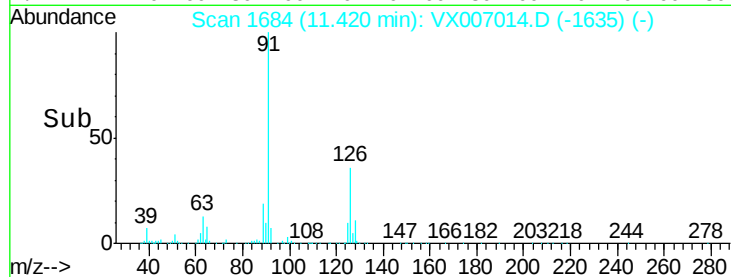
200000

100000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.186 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007014.D

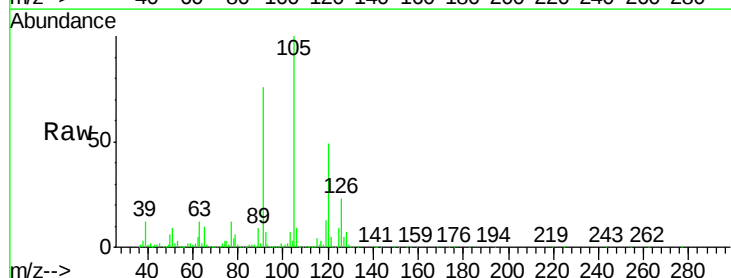
Acq: 11 Jan 2019 15:30

Tgt Ion: 105 Resp: 427172

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006951.D (-1692) (-)

400000

300000

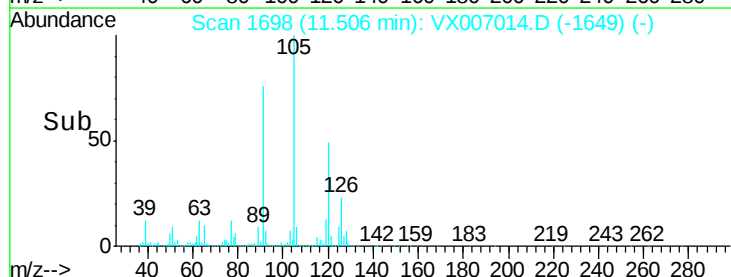
200000

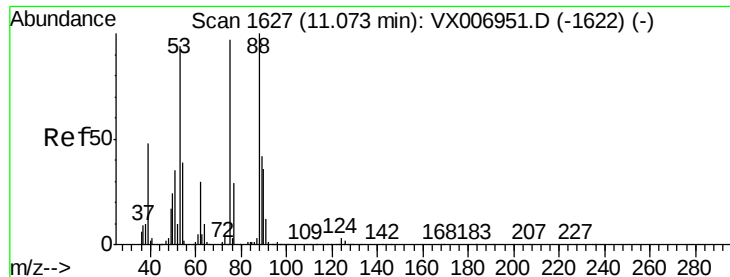
100000

0

11.50 11.60

Time-->





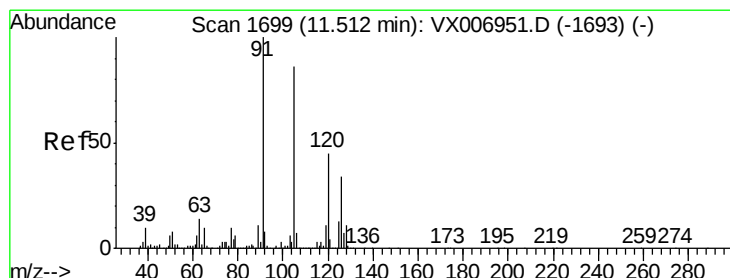
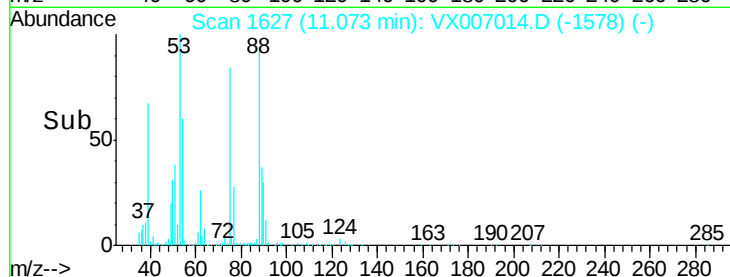
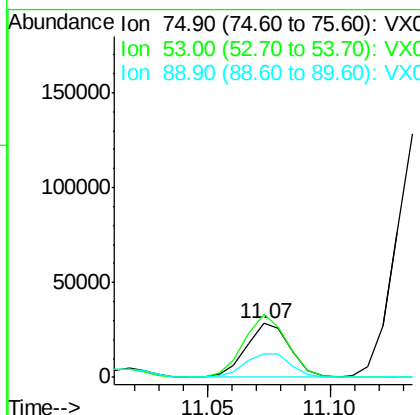
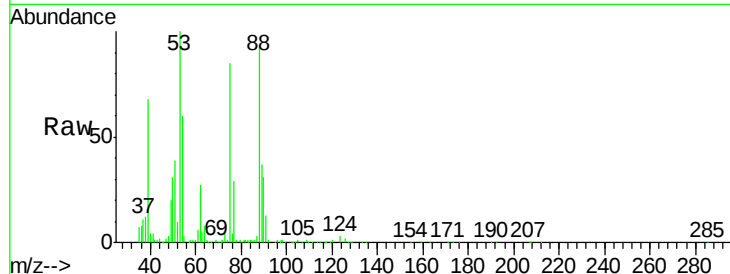
#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.678 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 116.9 | 79.7  | 119.5 |
| 89      | 47.8  | 38.0  | 57.0  |

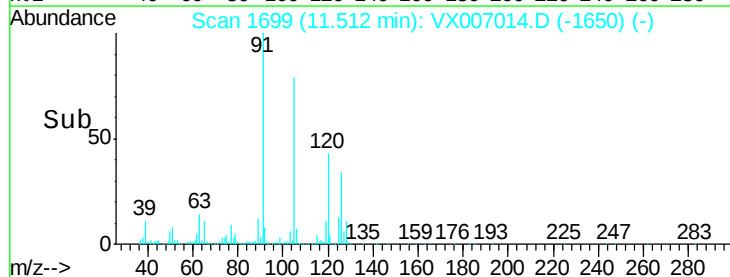
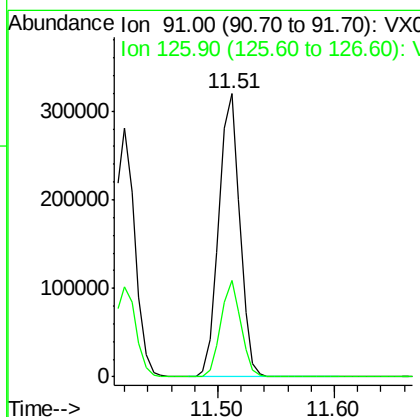
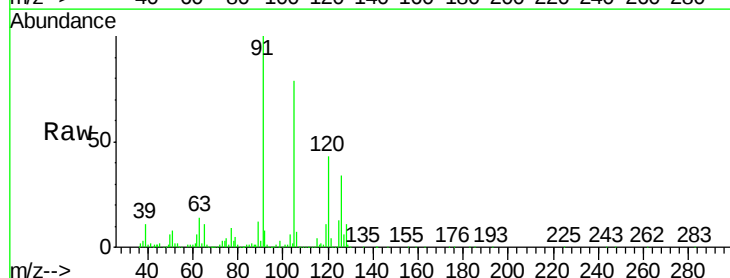
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#82  
4-Chlorotoluene  
Concen: 19.448 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.4  | 16.3  | 48.9  |





#83

tert-Butylbenzene

Concen: 19.455 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

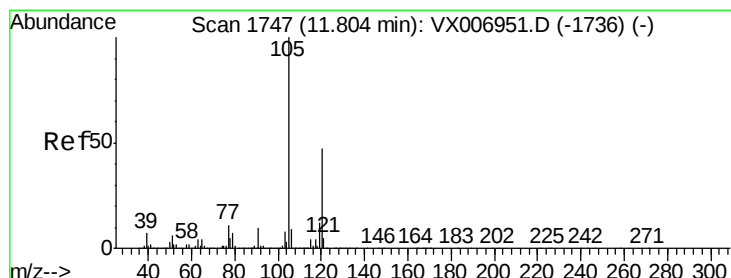
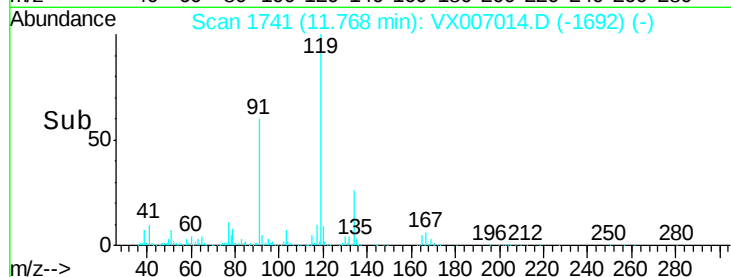
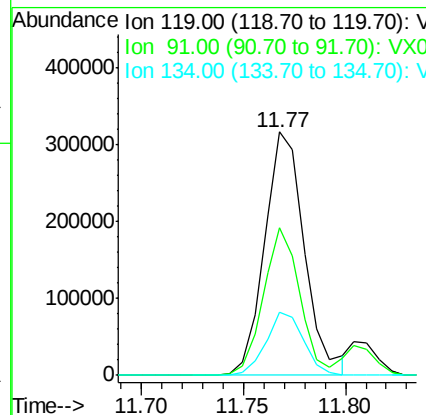
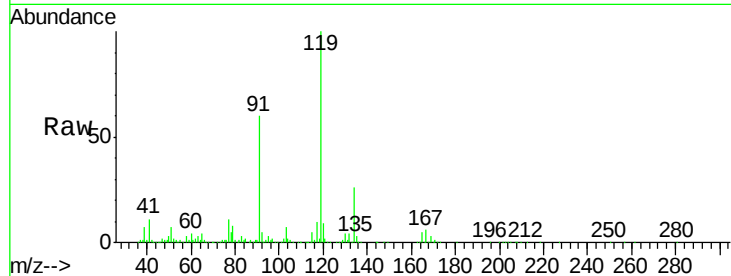
ClientSampleId :

VX0111WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 432174 |       |       |
| 91      | 55.1  | 27.7   | 83.1  |       |
| 134     | 24.4  | 11.9   | 35.5  |       |

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#84

1,2,4-Trimethylbenzene

Concen: 19.863 ug/l

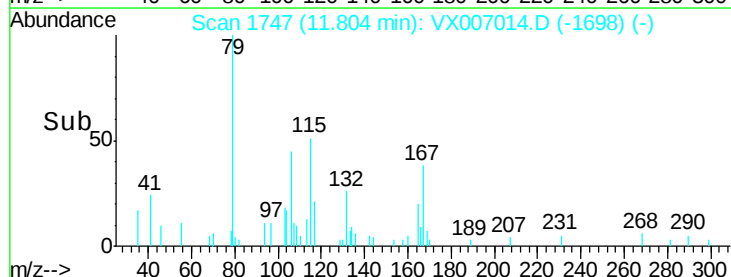
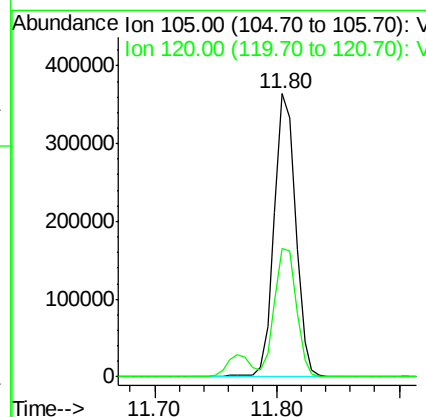
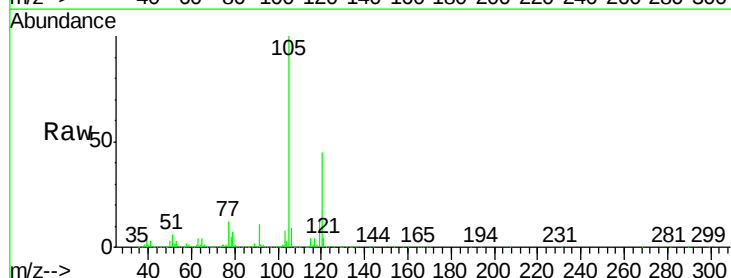
RT: 11.80 min Scan# 1747

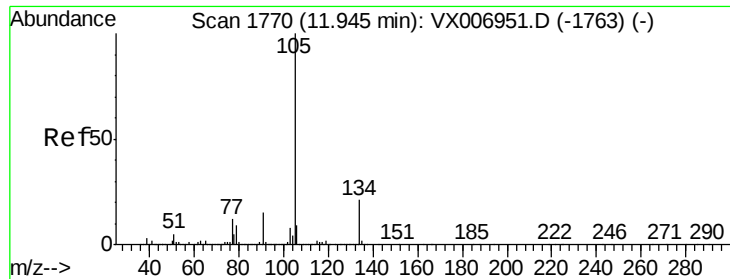
Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 444724 |       |       |
| 120     | 46.2  | 23.2   | 69.6  |       |





#85

sec-Butylbenzene

Concen: 19.492 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

Instrument :

MSVOA\_X

ClientSampleId :

VX0111WBSD01

Tot Ion:105 Resp: 517124

Ion Ratio Lower Upper

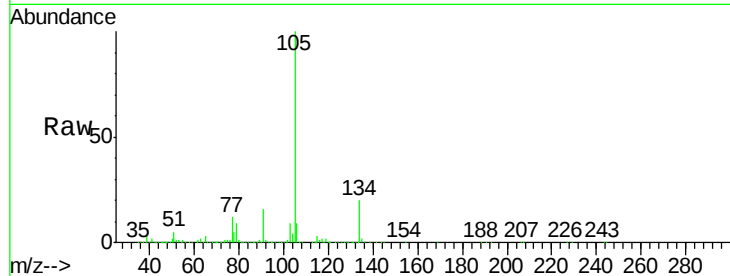
105 100

134 20.9 10.7 31.9

Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

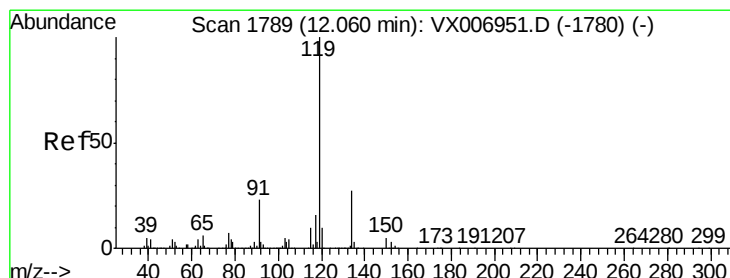
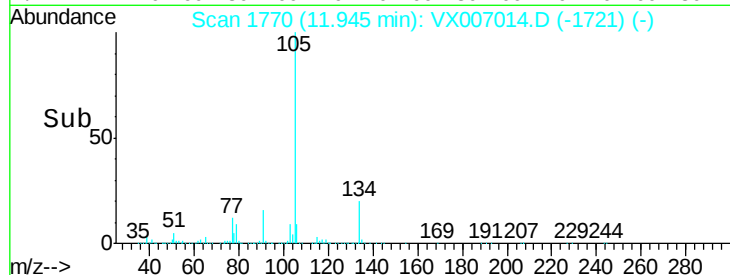
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.469 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007014.D

Acq: 11 Jan 2019 15:30

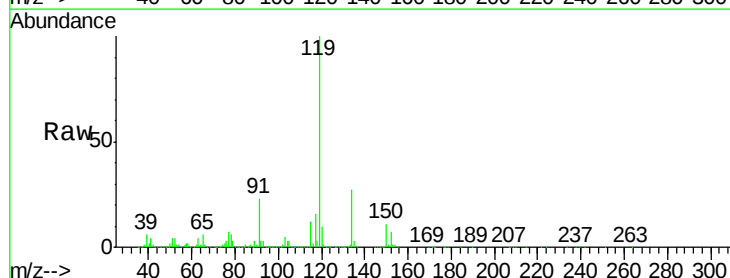
Tgt Ion:119 Resp: 462008

Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

91 22.2 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

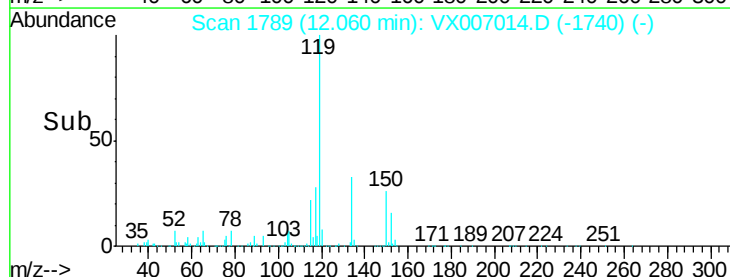
300000

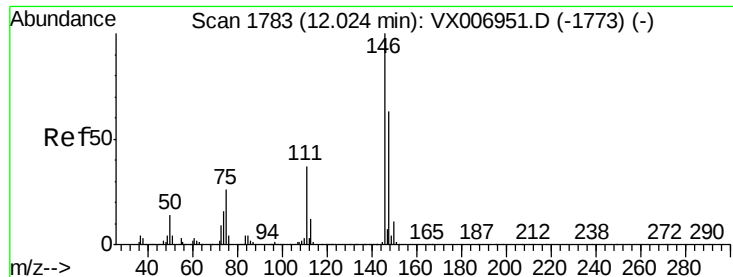
200000

100000

0

Time-->





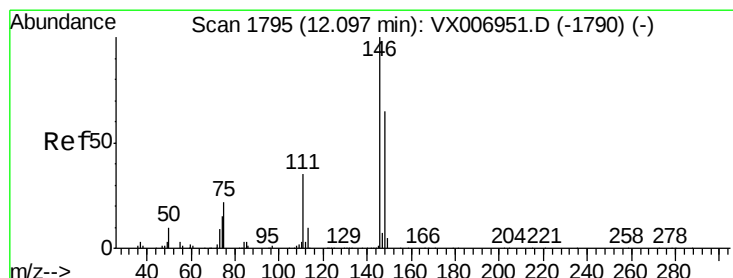
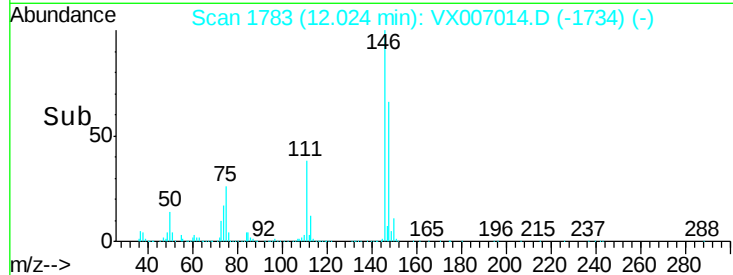
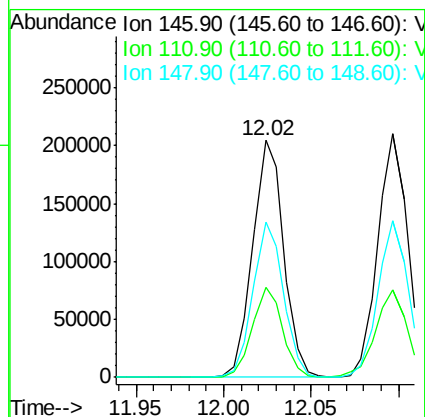
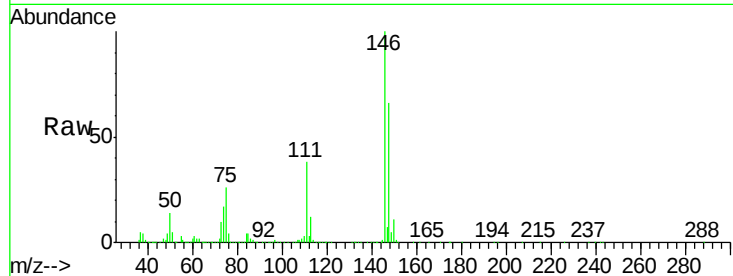
#87  
 1,3-Dichlorobenzene  
 Concen: 18.975 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX007014.D  
 Acq: 11 Jan 2019 15:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0111WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.1  | 18.6  | 55.8  |
| 148     | 64.5  | 31.8  | 95.3  |

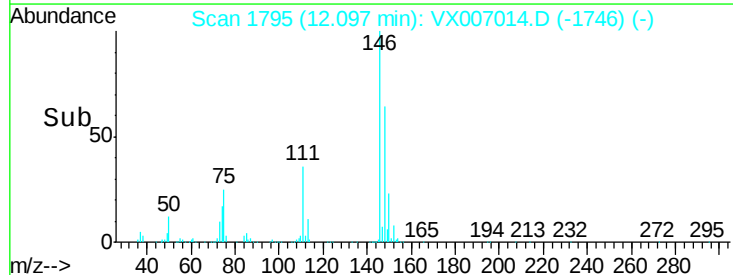
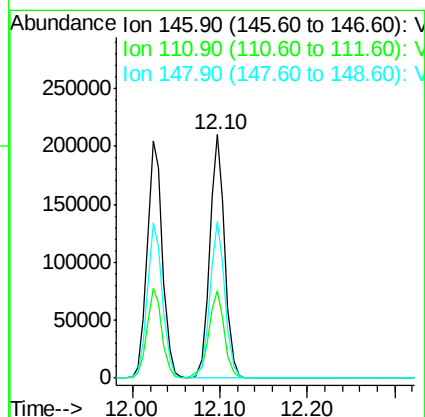
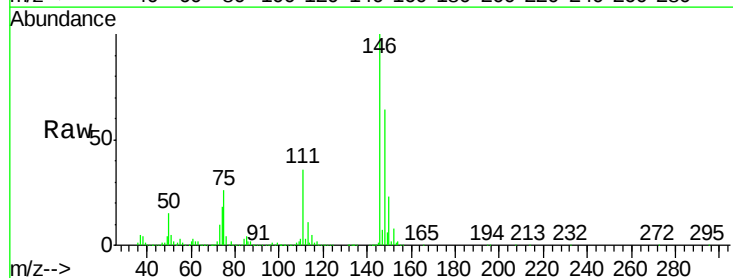
Manual Integrations  
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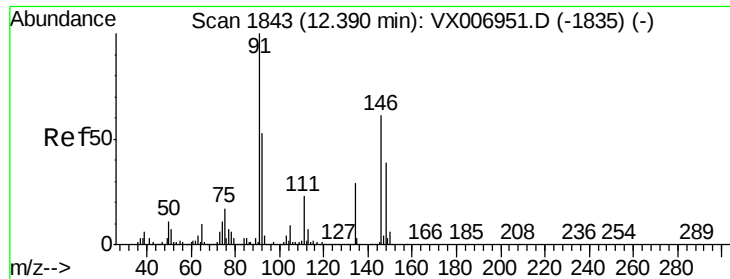
MMDadoda  
 1/14/2019 10:40:42 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 20.128 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX007014.D  
 Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.4  | 18.1  | 54.1  |
| 148     | 64.4  | 31.9  | 95.9  |





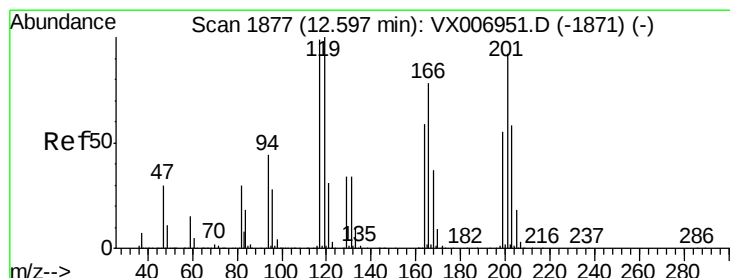
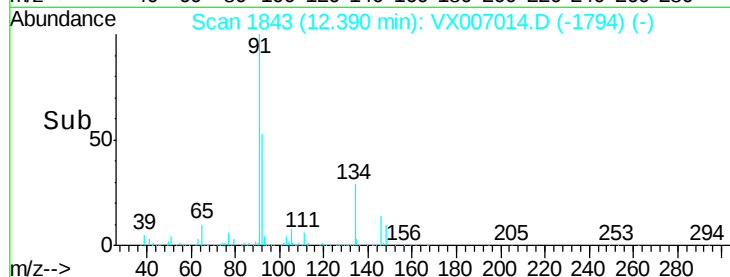
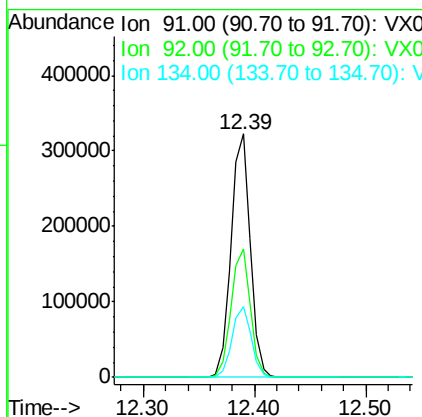
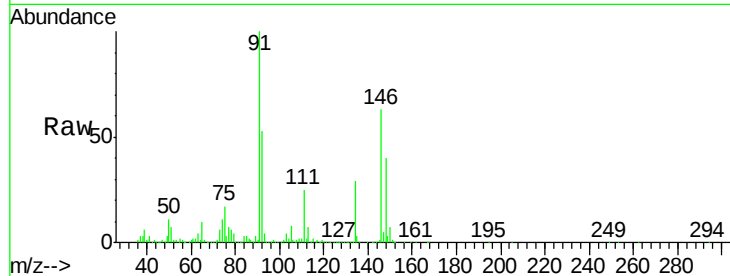
#89  
n-Butylbenzene  
Concen: 18.958 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.7  | 26.8  | 80.4  |
| 134     | 29.2  | 14.4  | 43.2  |

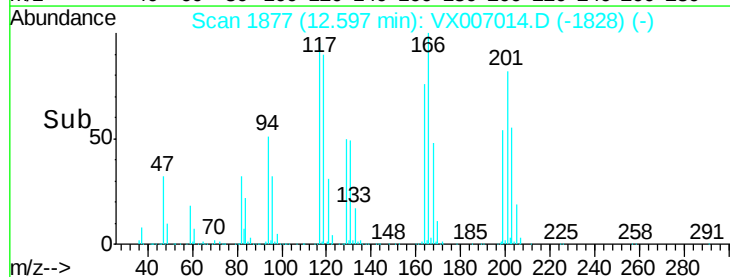
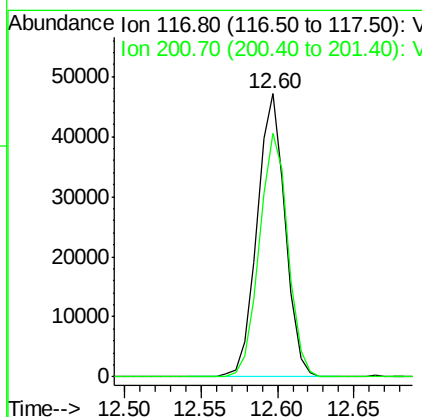
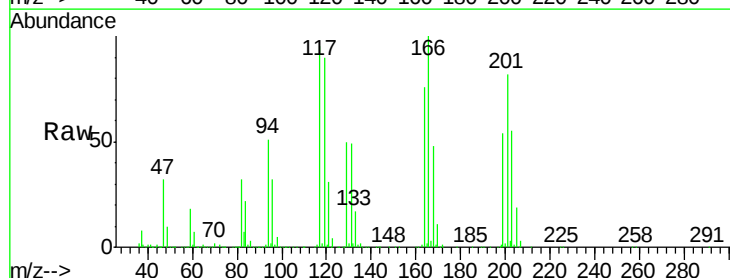
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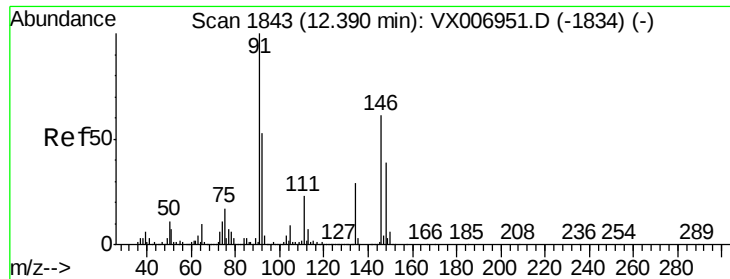
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#90  
Hexachloroethane  
Concen: 17.916 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 87.8  | 42.9  | 128.7 |





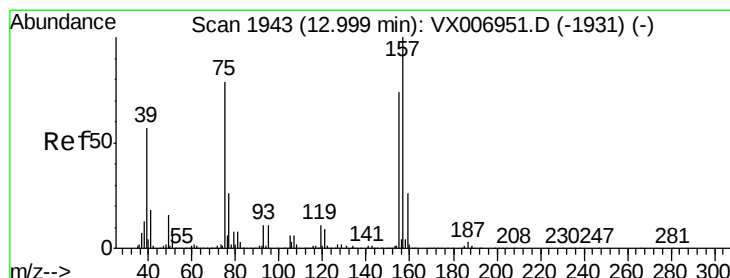
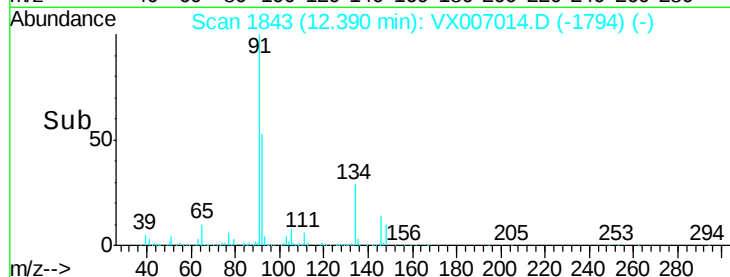
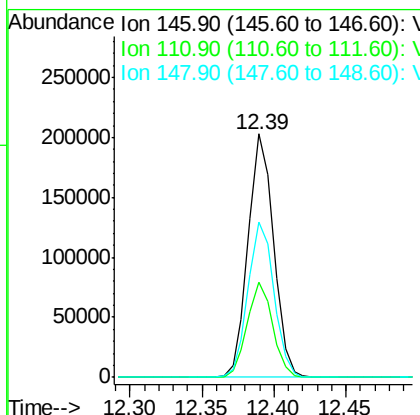
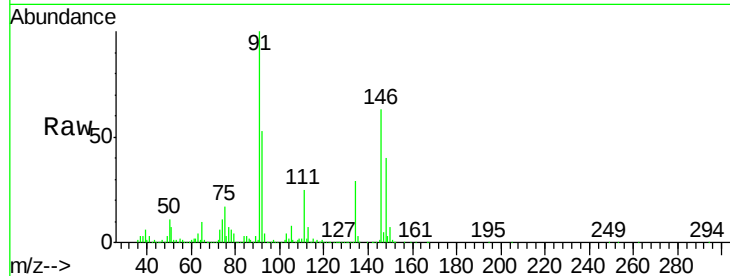
#91  
 1,2-Dichlorobenzene  
 Concen: 18.955 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX007014.D  
 Acq: 11 Jan 2019 15:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0111WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 19.4  | 58.2  |
| 148     | 65.0  | 32.3  | 96.9  |

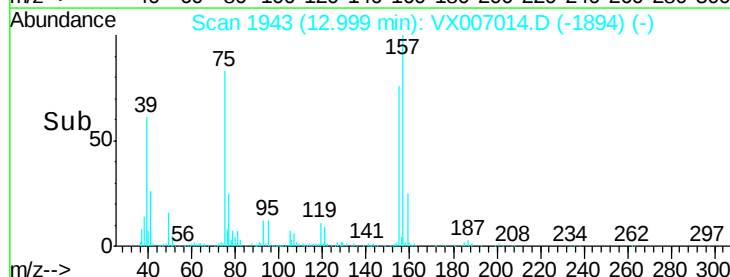
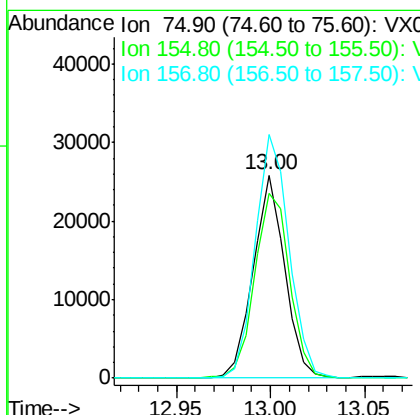
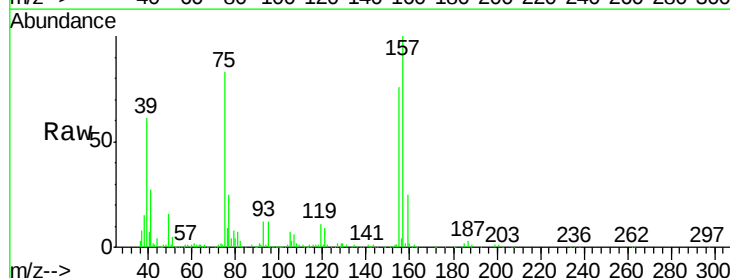
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.979 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX007014.D  
 Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 101.0 | 50.6  | 151.8 |
| 157     | 127.9 | 64.6  | 193.8 |





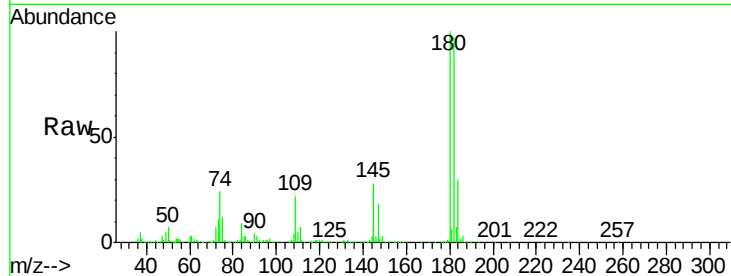
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.866 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX007014.D  
 Acq: 11 Jan 2019 15:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0111WBSD01

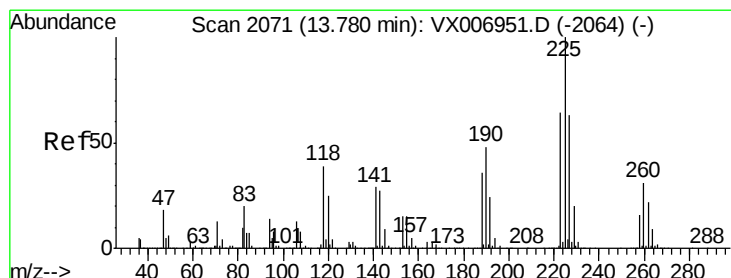
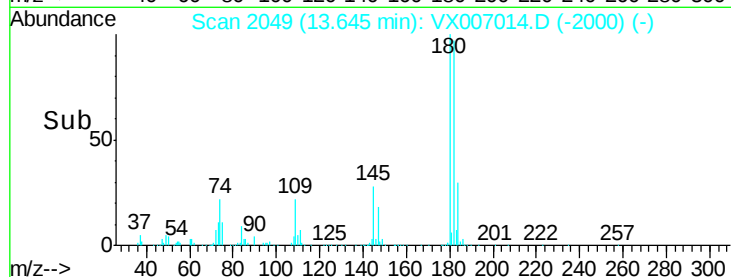
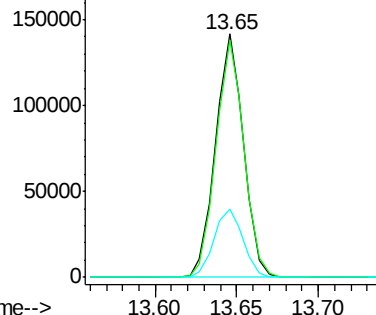
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 169512 |       |       |
| 182     | 97.3  | 47.3   | 142.0 |       |
| 145     | 29.2  | 14.8   | 44.3  |       |

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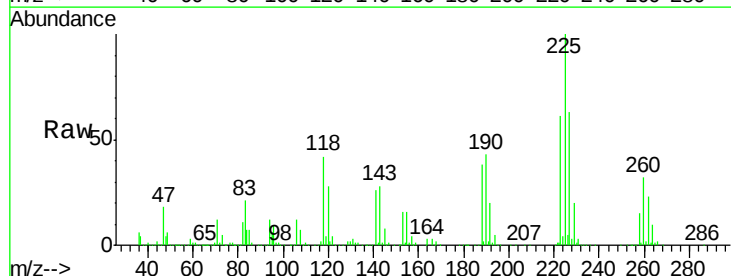


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

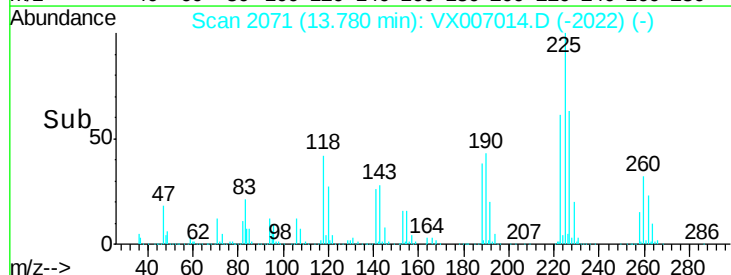
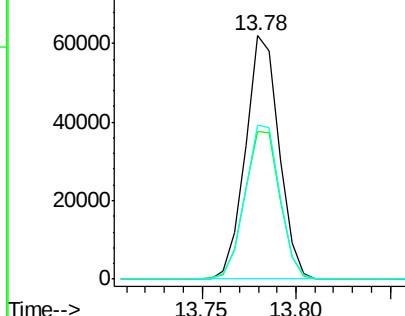


#94  
 Hexachlorobutadiene  
 Concen: 19.204 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX007014.D  
 Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 76568 |       |       |
| 223     | 63.8  | 32.1  | 96.3  |       |
| 227     | 65.2  | 32.3  | 96.8  |       |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





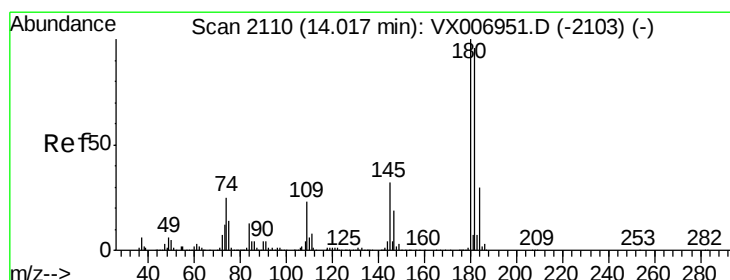
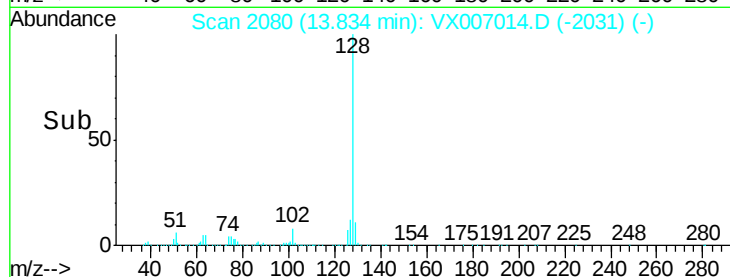
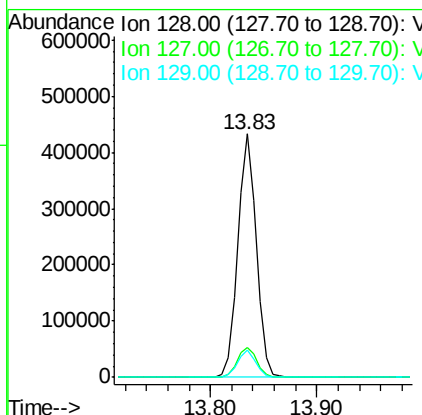
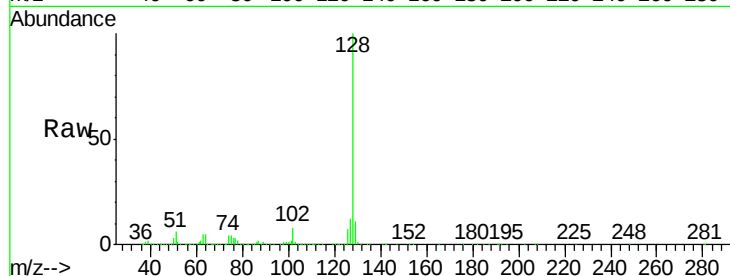
#95  
Naphthalene  
Concen: 19.328 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0111WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 526225 |       |       |
| 127     | 12.8  |        | 10.1  | 15.1  |
| 129     | 11.1  |        | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 18.793 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. -0.00 min  
Lab File: VX007014.D  
Acq: 11 Jan 2019 15:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 167733 |       |       |
| 182     | 97.6  |        | 48.5  | 145.5 |
| 145     | 30.7  |        | 16.0  | 47.9  |

