

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX120418\  
 Data File : VX006273.D  
 Acq On : 04 Dec 2018 12:55  
 Operator : JC/MD  
 Sample : VX1204MBS01  
 Misc : 5.0g/10mL/100ul/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1204MBS01

Manual Integrations  
 APPROVED

MMDadoda  
 12/5/2018 10:11:27 AM

Quant Time: Dec 04 13:41:05 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 30 03:55:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 740728   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 1118468  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 995070   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 496947   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 376152   | 49.74 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.48% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 358727   | 49.54 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.08% |      |
| 50) Toluene-d8            | 8.71   | 98  | 1278731  | 48.55 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.10% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 469337   | 47.28 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.56% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 145374  | 20.044 | ug/l | 99     |
| 3) Chloromethane              | 1.33 | 50  | 137136  | 18.400 | ug/l | 99     |
| 4) Vinyl Chloride             | 1.41 | 62  | 155850  | 19.429 | ug/l | 100    |
| 5) Bromomethane               | 1.64 | 94  | 115410  | 20.760 | ug/l | 97     |
| 6) Chloroethane               | 1.73 | 64  | 104812  | 21.311 | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 240861  | 19.561 | ug/l | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 89388   | 19.181 | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 136540  | 19.501 | ug/l | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 202449  | 19.187 | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 169293  | 81.866 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 2.38 | 96  | 124500  | 18.575 | ug/l | 95     |
| 13) Acrolein                  | 2.29 | 56  | 104829  | 92.748 | ug/l | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 238919  | 18.045 | ug/l | 98     |
| 15) Acrylonitrile             | 3.15 | 53  | 389511  | 90.263 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 321355  | 90.558 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 365944  | 17.718 | ug/l | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 222453  | 18.745 | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 452092  | 18.908 | ug/l | 97     |
| 20) Methylene Chloride        | 2.86 | 84  | 144860  | 19.181 | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 134226  | 18.792 | ug/l | 92     |
| 22) Diisopropyl ether         | 3.87 | 45  | 405740  | 19.619 | ug/l | 99     |
| 23) Vinyl Acetate             | 3.82 | 43  | 1686859 | 95.633 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 228740  | 19.351 | ug/l | 100    |
| 25) 2-Butanone                | 4.70 | 43  | 460971  | 91.040 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 209952  | 19.246 | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 159989  | 20.081 | ug/l | 97     |
| 28) Bromochloromethane        | 5.03 | 49  | 102800  | 19.910 | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 317515  | 90.228 | ug/l | 99     |
| 30) Chloroform                | 5.21 | 83  | 244833  | 19.710 | ug/l | 94     |
| 31) Cyclohexane               | 5.57 | 56  | 206596  | 18.912 | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 226890  | 19.197 | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 176830  | 18.774 | ug/l | 100    |
| 37) Ethyl Acetate             | 4.85 | 43  | 188489  | 17.870 | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 210552  | 19.002 | ug/l | 98     |

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 Sample : VX1204MBS01  
 Misc : 5.0g/10mL/100ul/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1204MBS01

Manual Integrations  
 APPROVED

MMDadoda  
 12/5/2018 10:11:27 AM

Quant Time: Dec 04 13:41:05 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 30 03:55:33 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 229362   | 18.761  | ug/l   | 98       |
| 40) Benzene                    | 6.15  | 78   | 545324   | 19.331  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 103737   | 17.874  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 181184   | 19.625  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 313926   | 17.851  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 162111   | 18.969  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 140829   | 19.643  | ug/l   | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 100323   | 19.375  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 188557   | 18.804  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 156770   | 18.324  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 68982    | 327.146 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 922569   | 90.116  | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 351629   | 18.946  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 212845   | 18.150  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 226257   | 18.580  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 148044   | 19.635  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 220804   | 18.733  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 233308   | 19.569  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 557879   | 93.270  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 689981   | 88.216  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 171477   | 18.444  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 162664   | 19.295  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 149348   | 19.930  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 413194   | 19.561  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 160353   | 19.538  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 679281   | 19.335  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 533841   | 37.934  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 266682   | 19.185  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 425779   | 18.938  | ug/l   | 98       |
| 71) Bromoform                  | 10.86 | 173  | 137182   | 17.707  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 698075   | 20.341  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 280506   | 18.981  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 220543   | 20.087  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 211462m  | 22.046  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 190297   | 19.981  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 764186   | 20.032  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 451937   | 19.932  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 574578   | 20.123  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 75082    | 18.369  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 520574   | 19.747  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 619971   | 20.350  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 589782   | 20.003  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 700681   | 20.216  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 627192   | 20.096  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 335775   | 19.814  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 336648   | 19.572  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 514176   | 19.309  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 120344   | 18.919  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 331749   | 19.725  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 49297    | 17.516  | ug/l   | 97       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX120418\  
Data File : VX006273.D  
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Operator : JC/MD  
Sample : VX1204MBS01  
Misc : 5.0g/10mL/100ul/5.00ml/MSVOA\_X/MEOH  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

Manual Integrations  
APPROVED

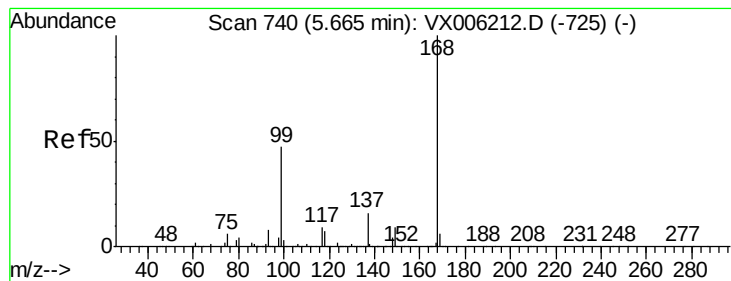
MMDadoda  
12/5/2018 10:11:27 AM

Quant Time: Dec 04 13:41:05 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 30 03:55:33 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 237245   | 19.335 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 108853   | 20.060 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 749931   | 19.648 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 235785   | 19.401 | ug/l  | 98       |

(#) = 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: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

ClientSampleId :

VX1204MBS01

Tgt Ion: 168 Resp: 740728

Ion Ratio Lower Upper

168 100

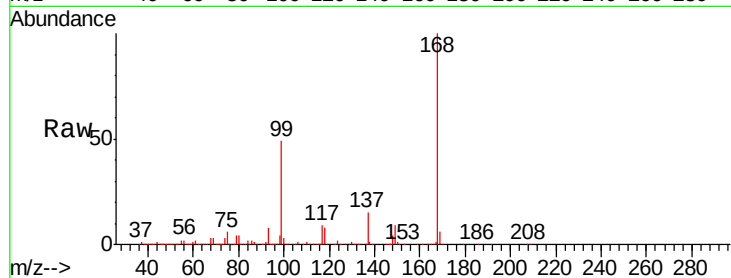
99 48.5 37.8 56.8

Manual Integrations

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12/5/2018 10:11:27 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

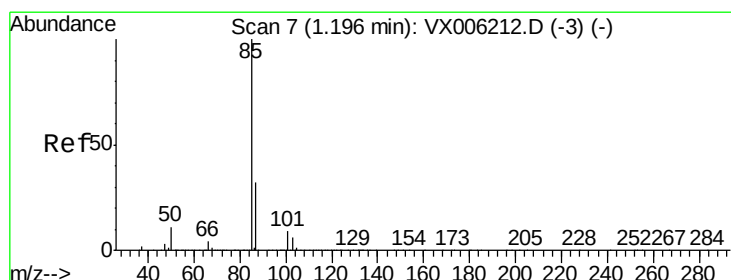
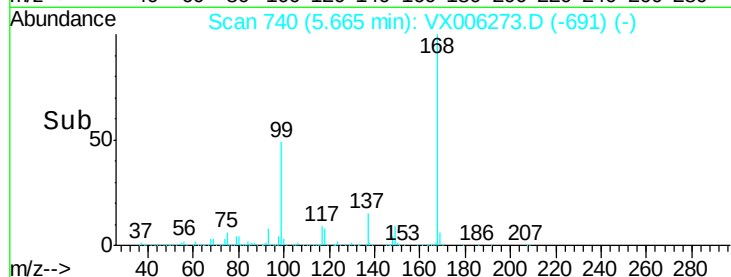
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.044 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006273.D

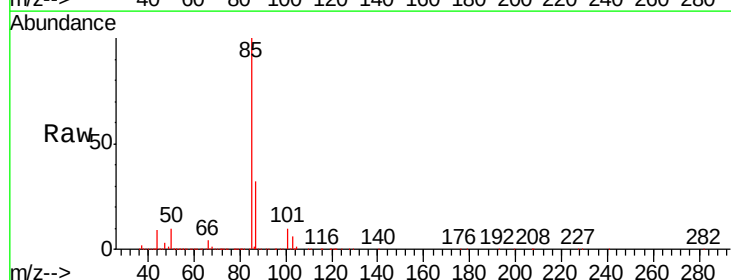
Acq: 04 Dec 2018 12:55

Tgt Ion: 85 Resp: 145374

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

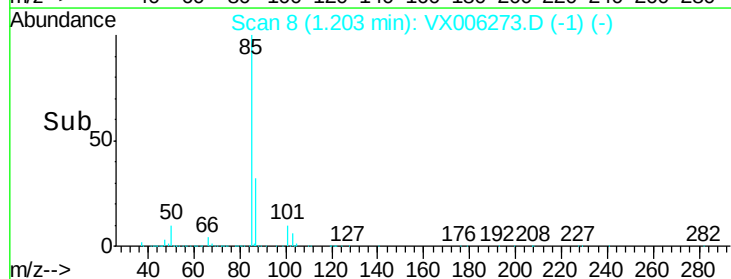
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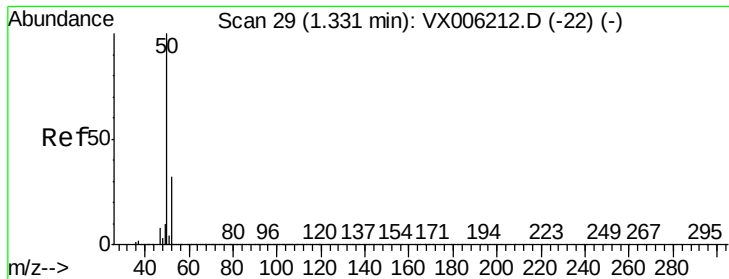
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0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.400 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

ClientSampleId :

VX1204MBS01

Tgt Ion: 50 Resp: 137136

Ion Ratio Lower Upper

50 100

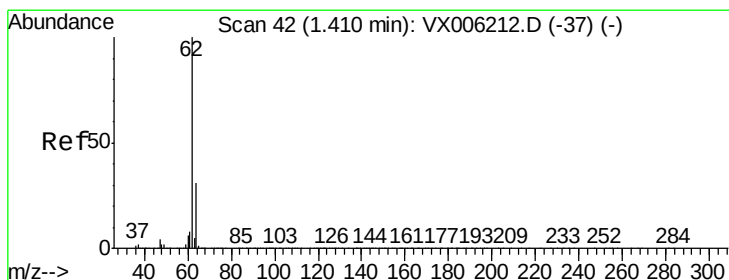
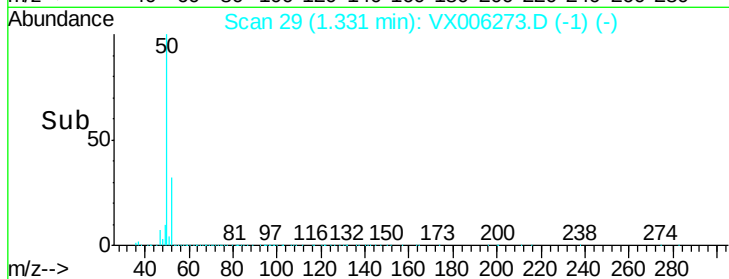
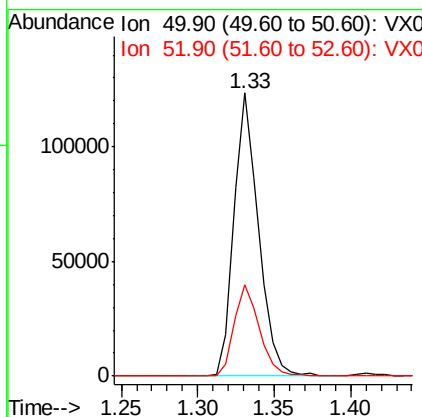
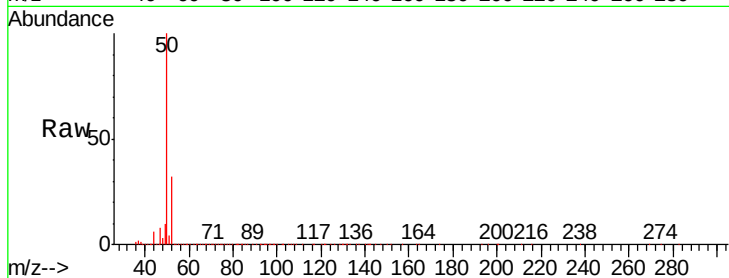
52 32.1 25.2 37.8

Manual Integrations

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12/5/2018 10:11:27 AM



#4

Vinyl Chloride

Concen: 19.429 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006273.D

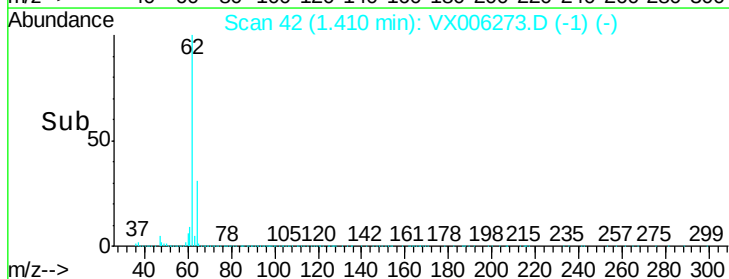
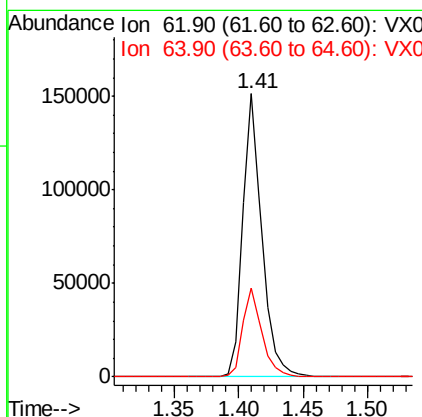
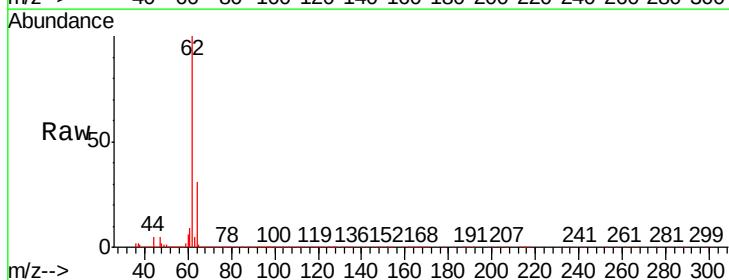
Acq: 04 Dec 2018 12:55

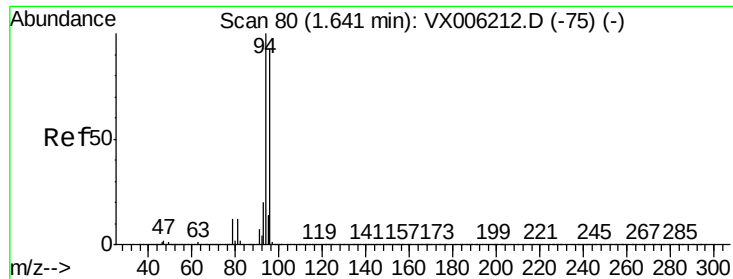
Tgt Ion: 62 Resp: 155850

Ion Ratio Lower Upper

62 100

64 31.3 24.9 37.3





#5

Bromomethane

Concen: 20.760 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

ClientSampleId :

VX1204MBS01

Tgt Ion: 94 Resp: 115410

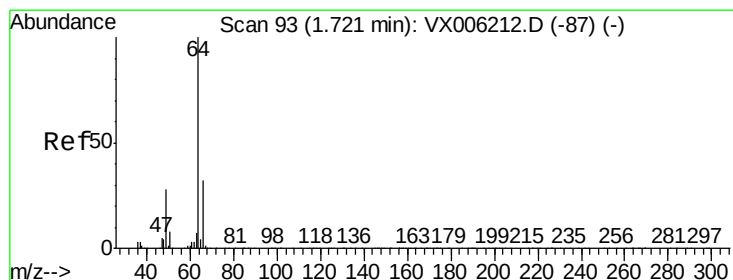
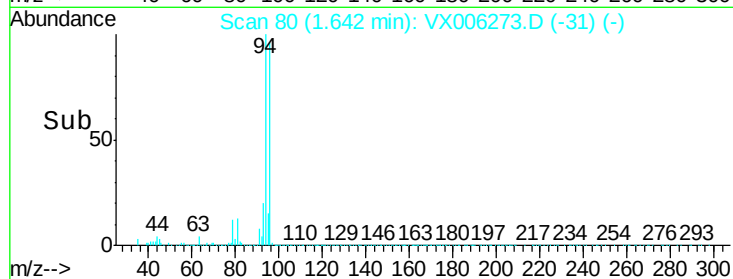
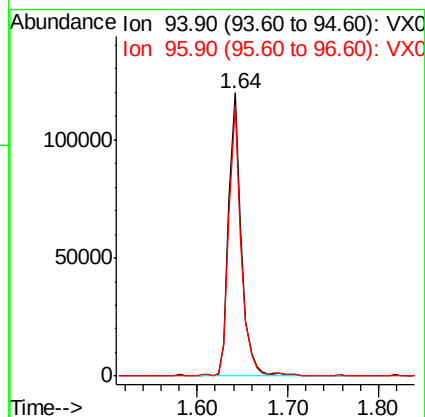
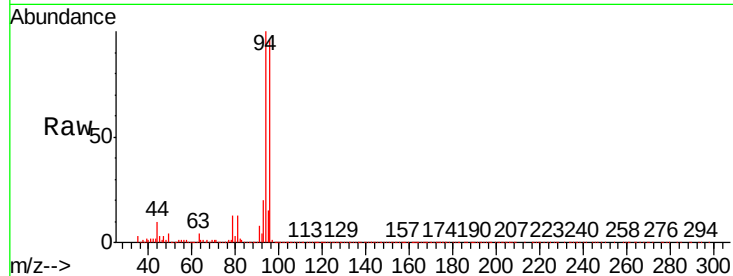
Ion Ratio Lower Upper

94 100

96 95.5 74.5 111.7

Manual Integrations  
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12/5/2018 10:11:27 AM



#6

Chloroethane

Concen: 21.311 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006273.D

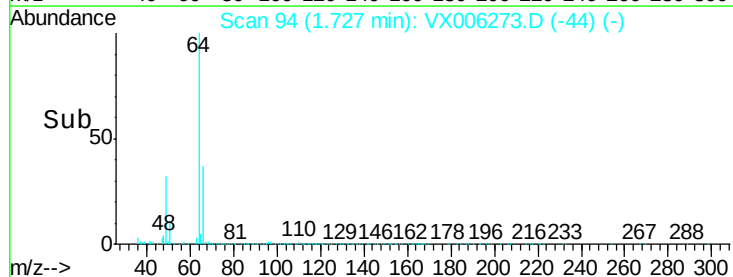
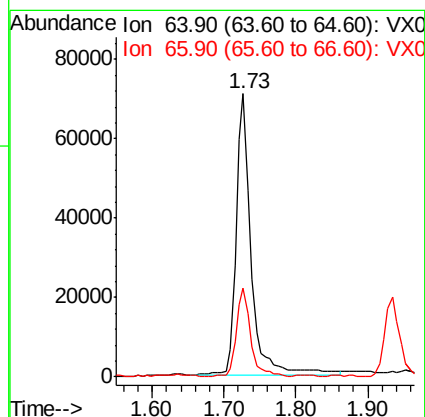
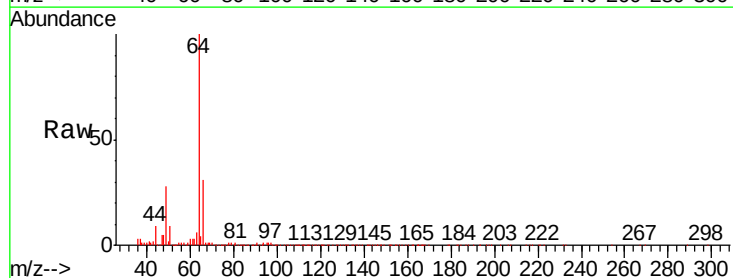
Acq: 04 Dec 2018 12:55

Tgt Ion: 64 Resp: 104812

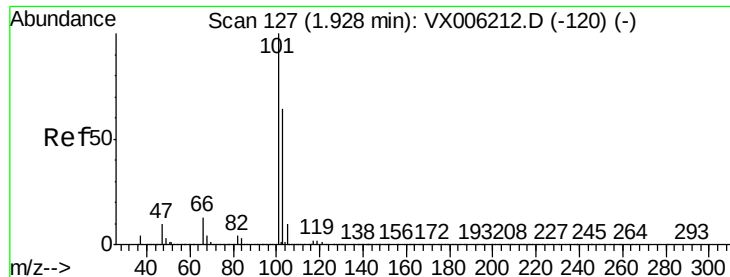
Ion Ratio Lower Upper

64 100

66 31.1 25.9 38.9







#7

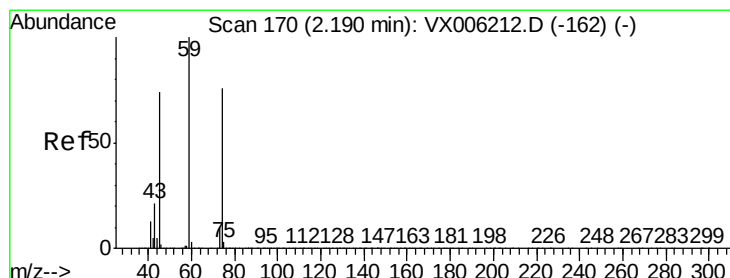
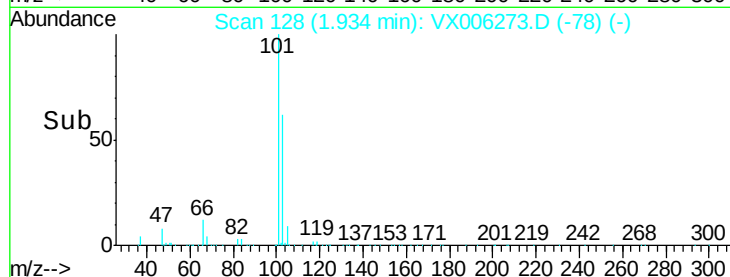
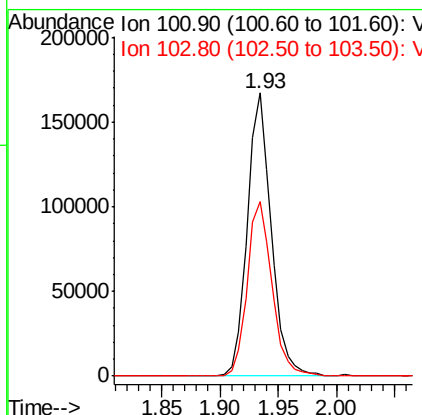
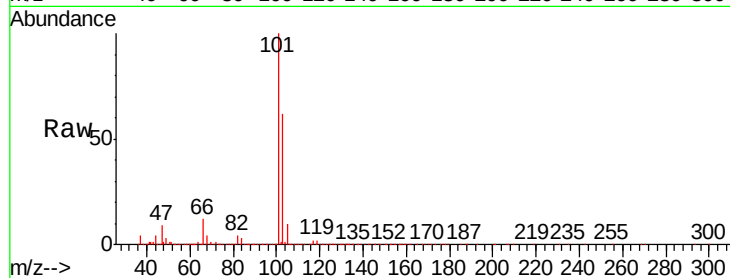
Trichlorofluoromethane  
Concen: 19.561 ug/l  
RT: 1.93 min Scan# 128  
Delta R.T. 0.01 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 240861 |       |       |
| 103     | 61.8  | 51.0   | 76.4  |       |

Manual Integrations  
APPROVED

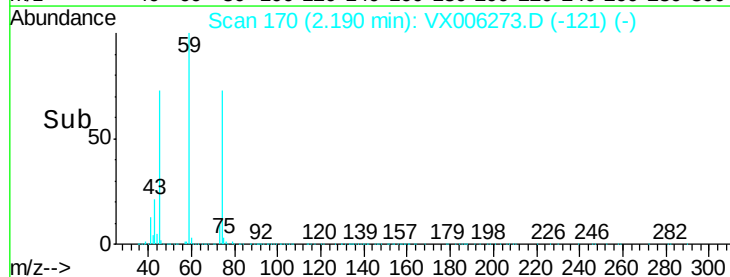
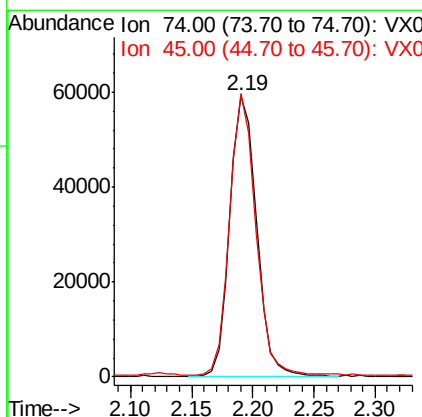
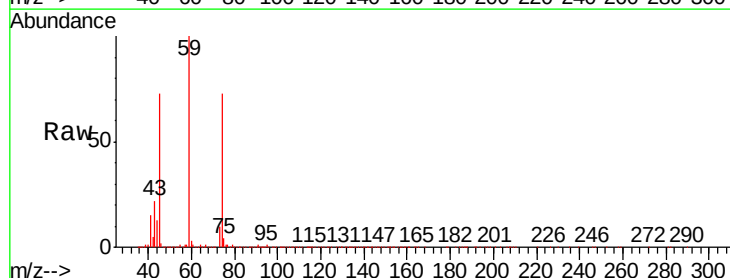
MMDadoda  
12/5/2018 10:11:27 AM



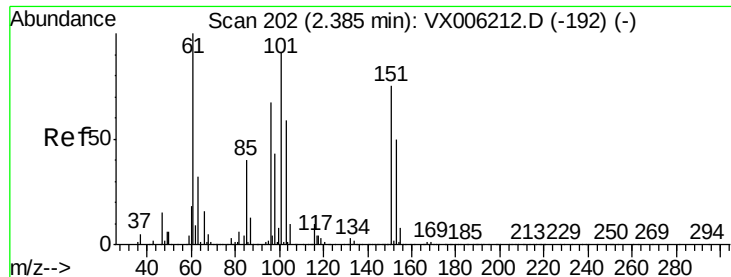
#8

Diethyl Ether  
Concen: 19.181 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 89388 |       |       |
| 45      | 97.0  | 49.5  | 148.7 |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.501 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

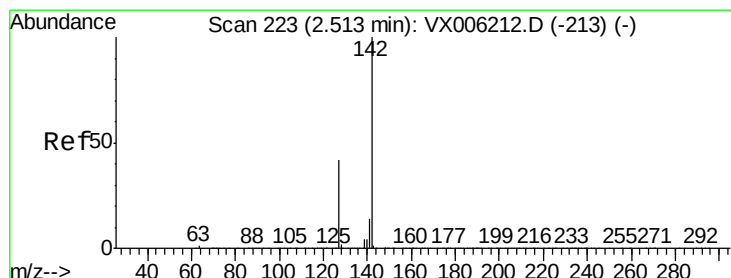
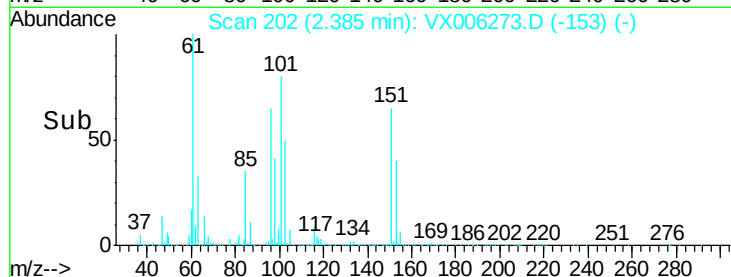
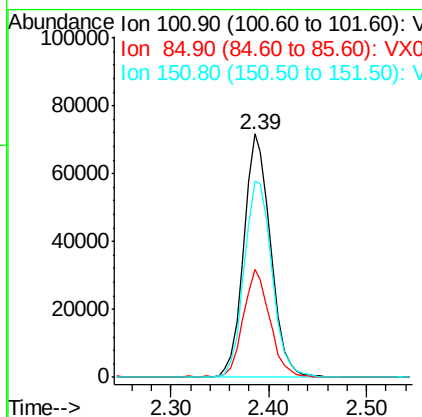
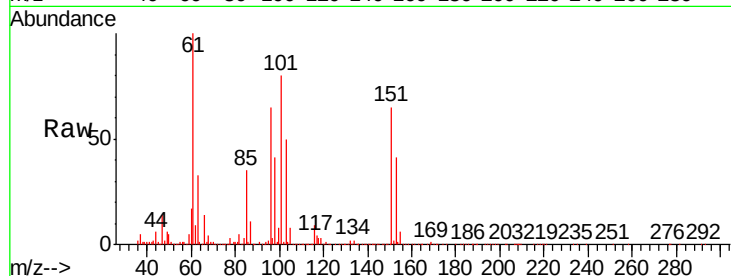
ClientSampleId :

VX1204MBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 101   | Resp: | 136540 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.1  | 35.5  | 53.3   |
| 151       | 84.2  | 68.6  | 103.0  |

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#10

Methyl Iodide

Concen: 19.187 ug/l

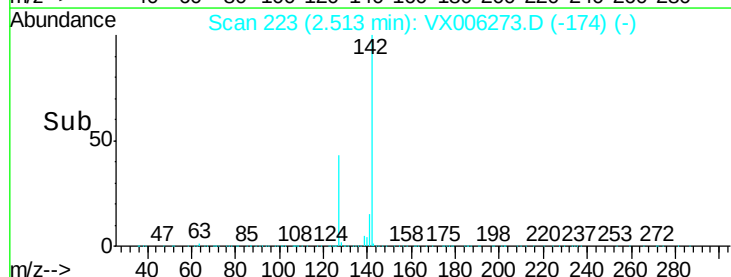
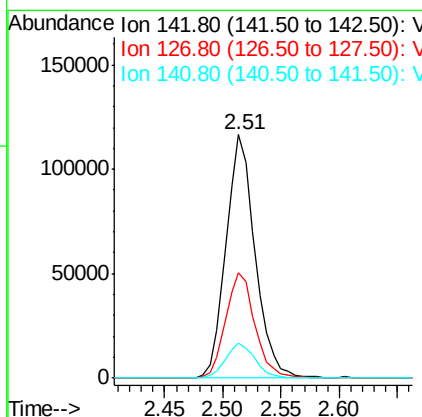
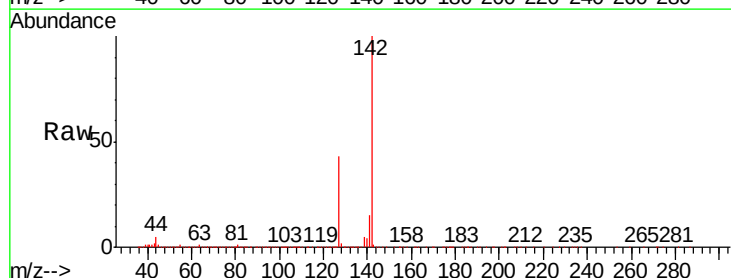
RT: 2.51 min Scan# 223

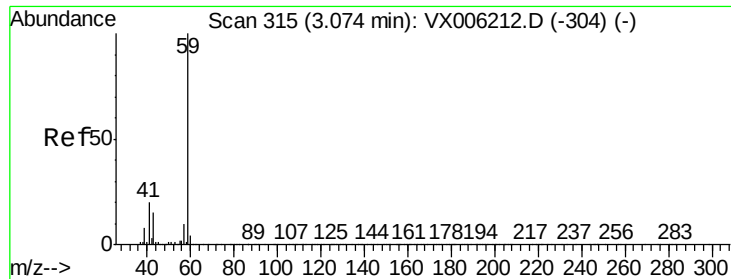
Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 202449 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 43.9  | 34.8  | 52.2   |
| 141       | 14.6  | 11.4  | 17.2   |





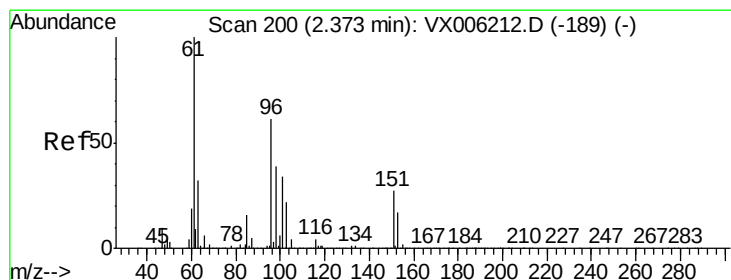
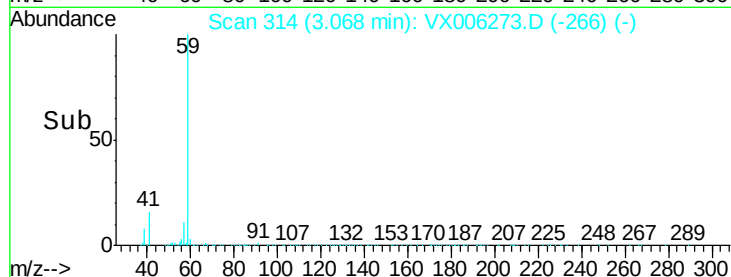
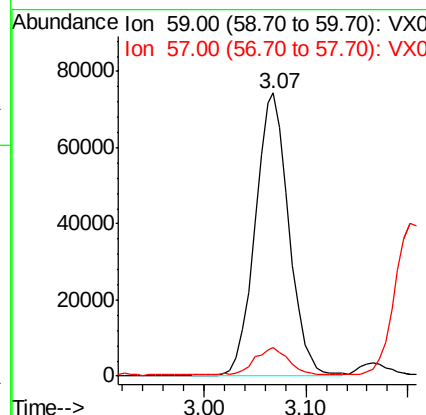
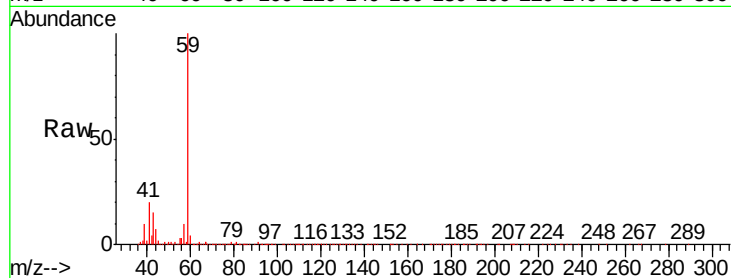
#11  
Tert butyl alcohol  
Concen: 81.866 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.01 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.6   | 8.2   | 12.2  |

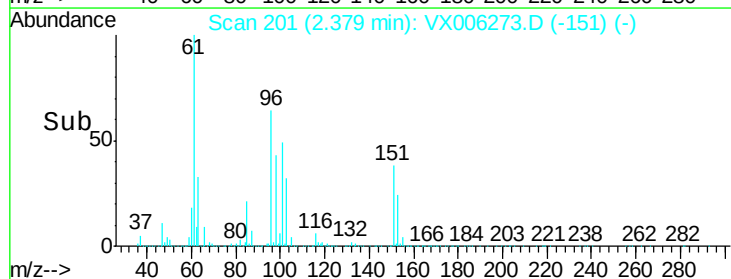
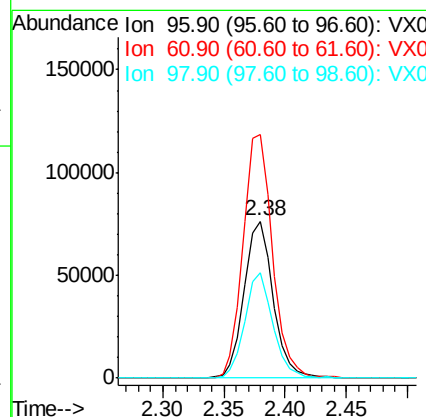
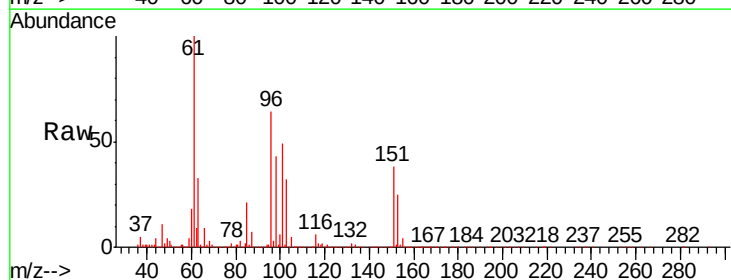
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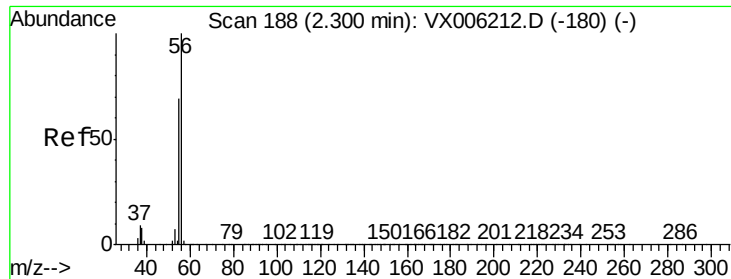
MMDadoda  
12/5/2018 10:11:27 AM



#12  
1,1-Dichloroethene  
Concen: 18.575 ug/l  
RT: 2.38 min Scan# 201  
Delta R.T. 0.01 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 155.8 | 131.7 | 197.5 |
| 98      | 66.8  | 51.8  | 77.6  |





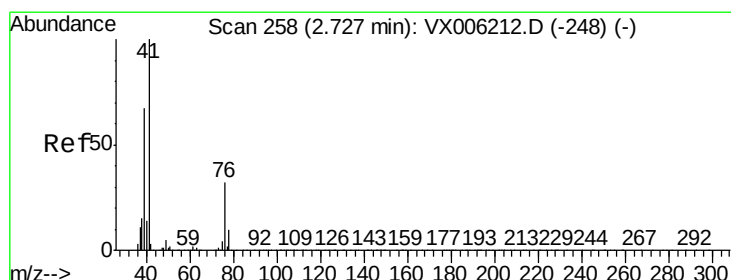
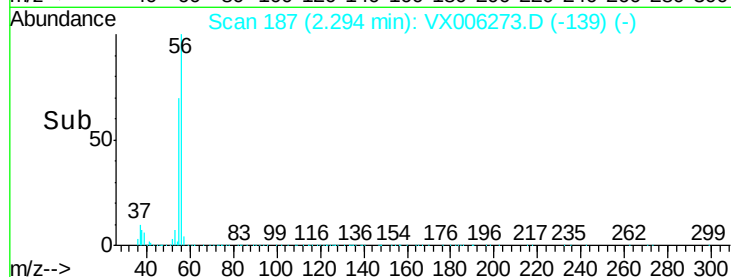
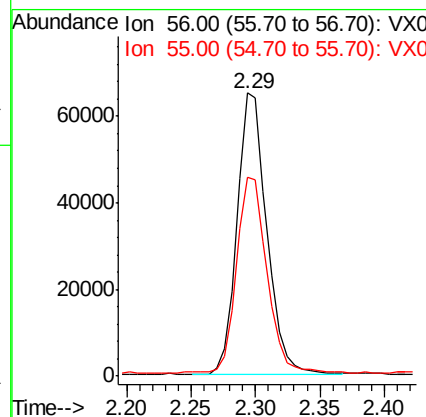
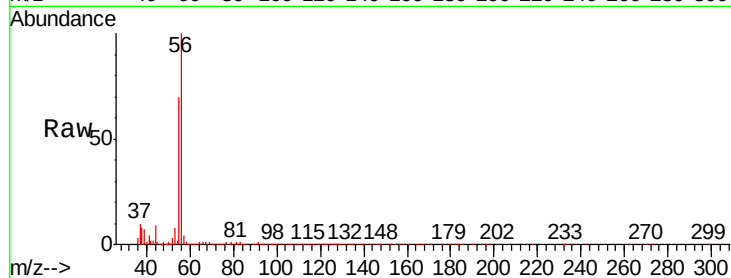
#13  
Acrolein  
Concen: 92.748 ug/l  
RT: 2.29 min Scan# 187  
Delta R.T. -0.01 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 71.8  | 57.8  | 86.6  |

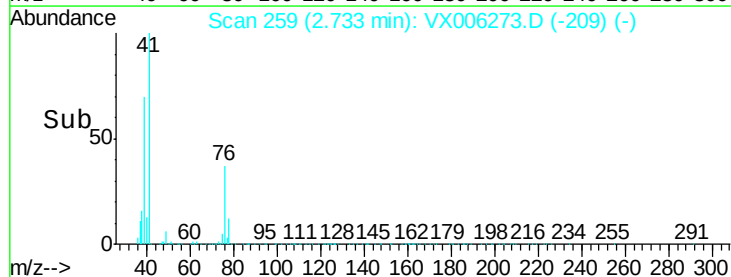
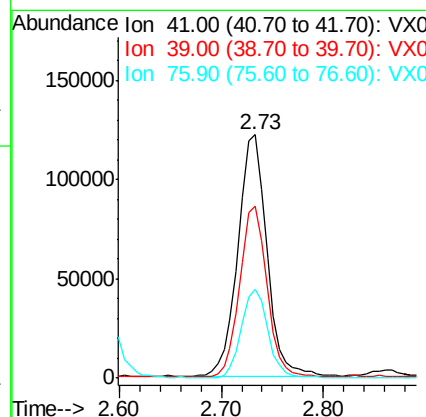
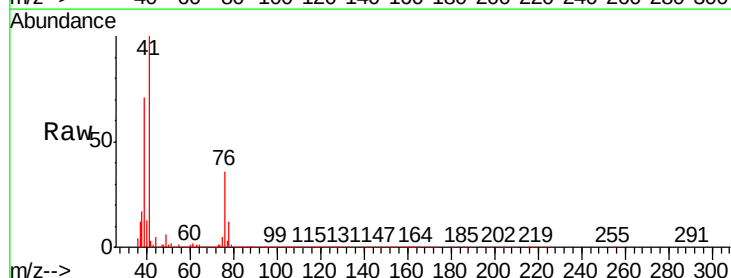
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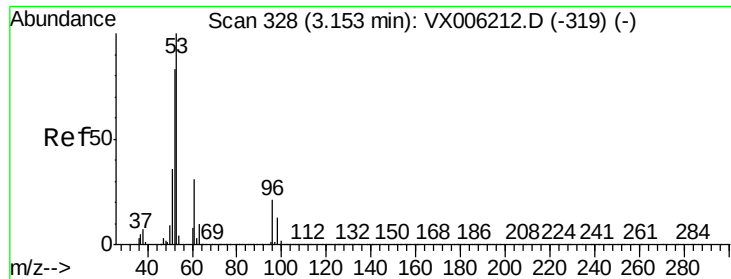
MMDadoda  
12/5/2018 10:11:27 AM



#14  
Allyl chloride  
Concen: 18.045 ug/l  
RT: 2.73 min Scan# 259  
Delta R.T. 0.01 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 66.5  | 52.4  | 78.6  |
| 76      | 33.7  | 25.4  | 38.0  |





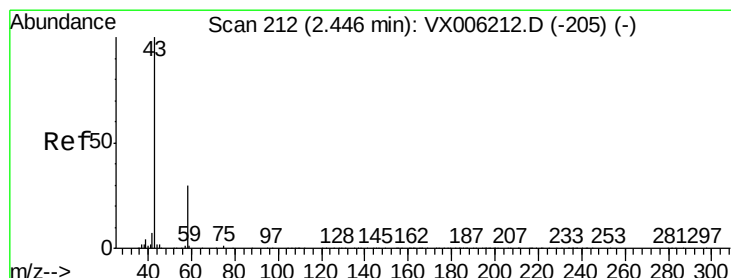
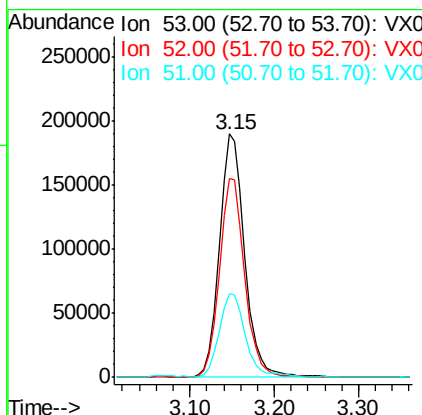
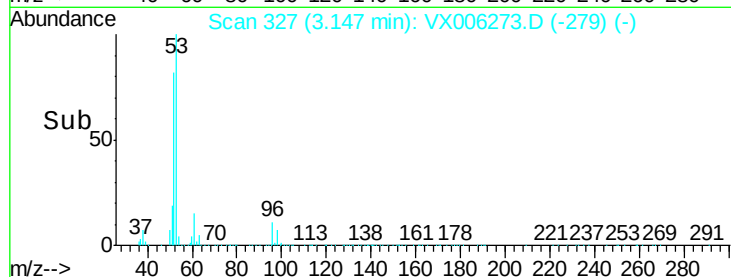
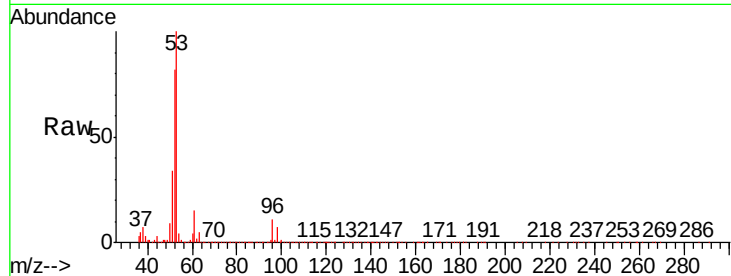
#15  
Acrylonitrile  
Concen: 90.263 ug/l  
RT: 3.15 min Scan# 327  
Delta R.T. -0.01 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 81.4  | 66.2  | 99.4  |
| 51      | 35.7  | 28.7  | 43.1  |

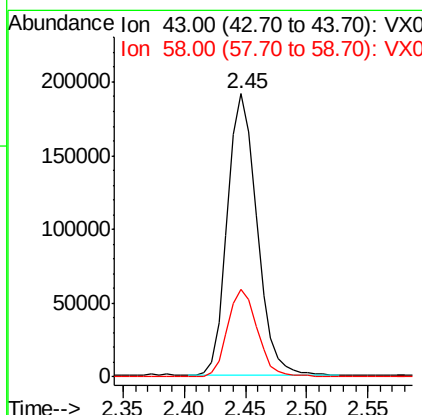
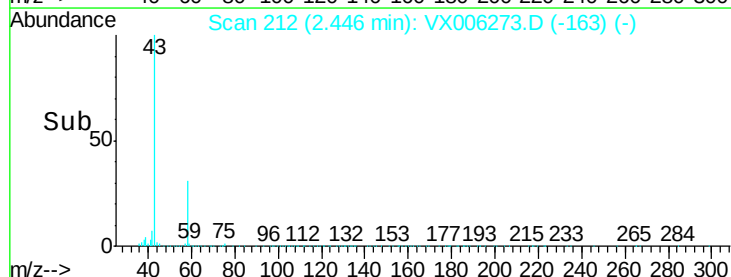
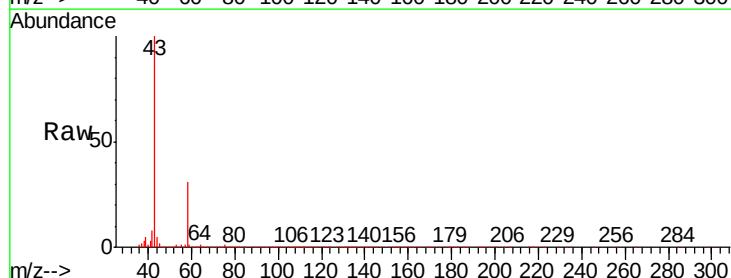
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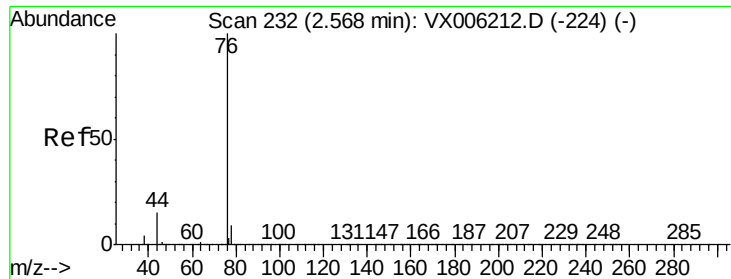
MMDadoda  
12/5/2018 10:11:27 AM



#16  
Acetone  
Concen: 90.558 ug/l  
RT: 2.45 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 31.0  | 24.0  | 36.0  |





#17

Carbon Disulfide

Concen: 17.718 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

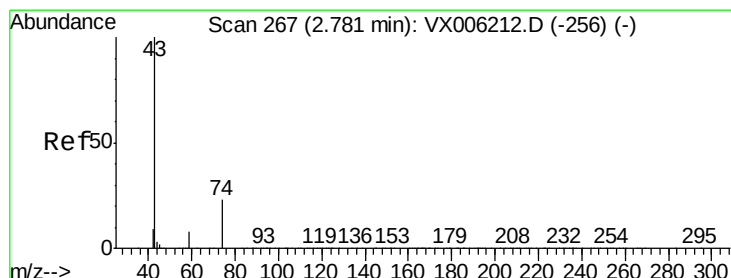
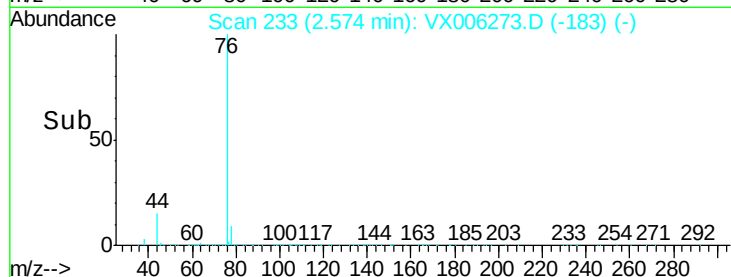
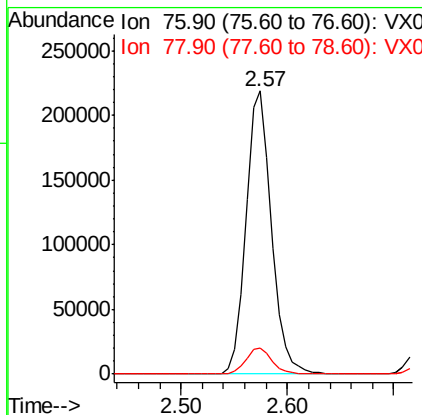
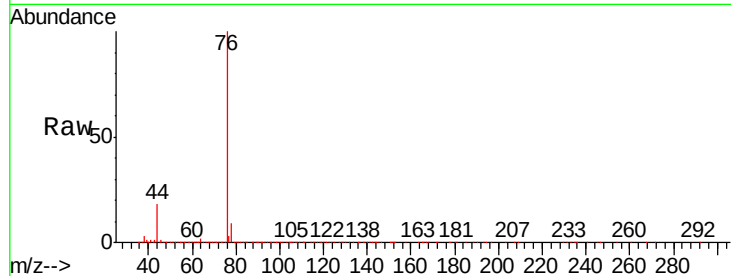
ClientSampleId :

VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 7.1   | 10.7  |

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12/5/2018 10:11:27 AM



#18

Methyl Acetate

Concen: 18.745 ug/l

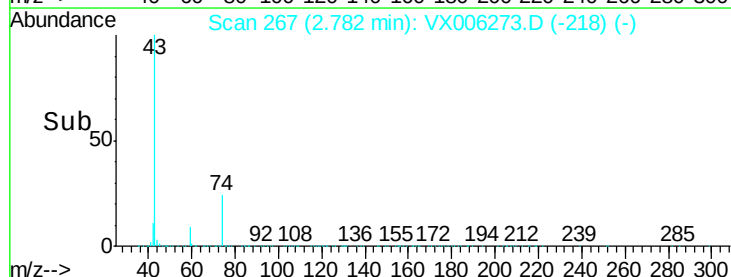
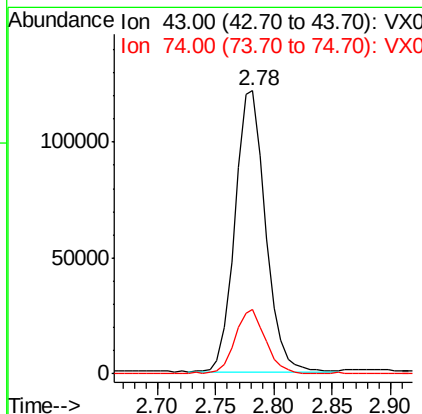
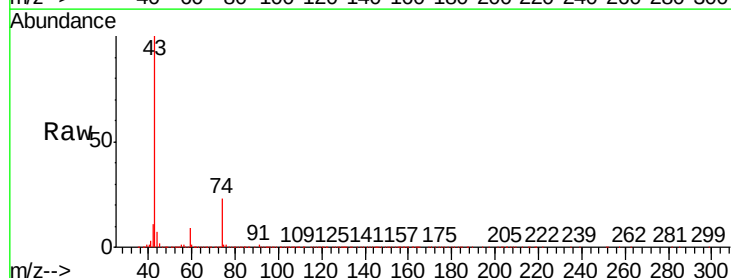
RT: 2.78 min Scan# 267

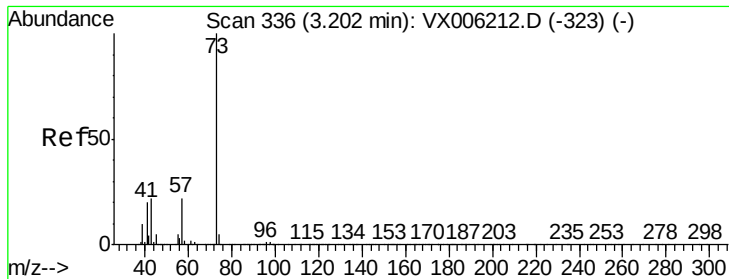
Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.8  | 17.9  | 26.9  |





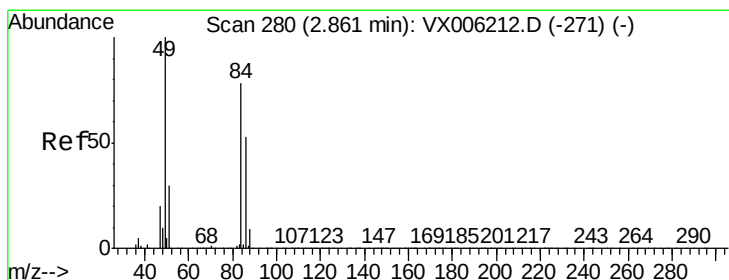
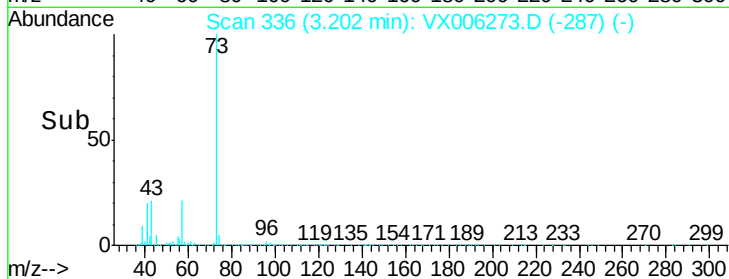
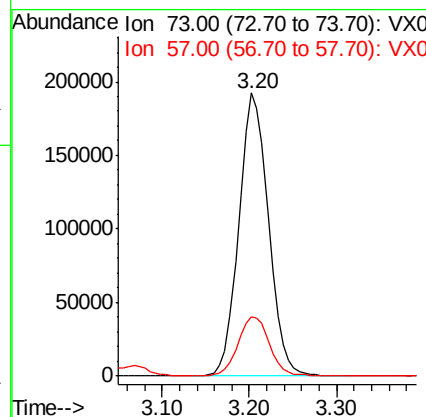
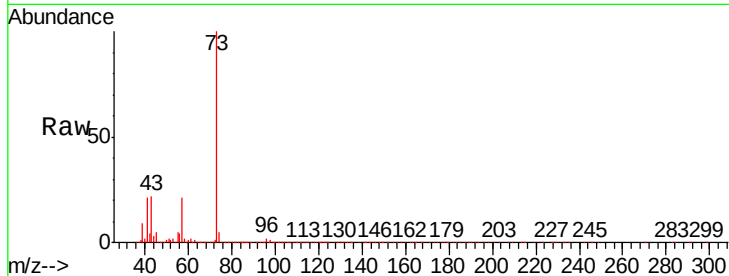
#19  
Methyl tert-butyl Ether  
Concen: 18.908 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.6  | 17.5  | 26.3  |

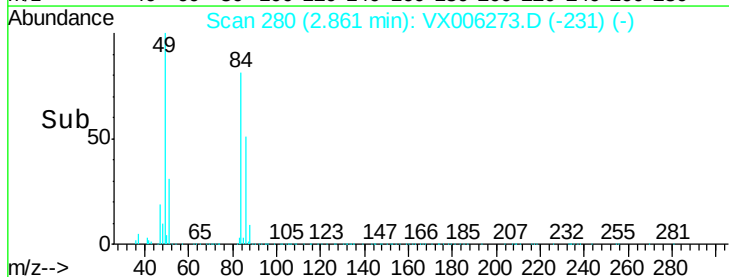
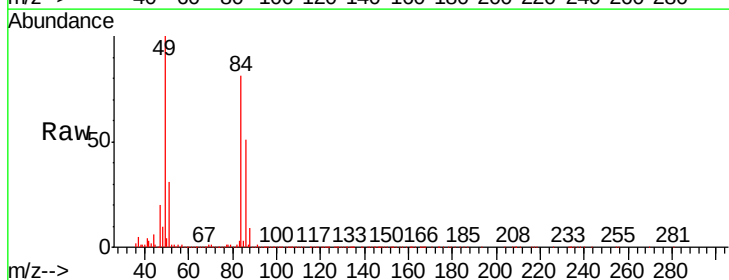
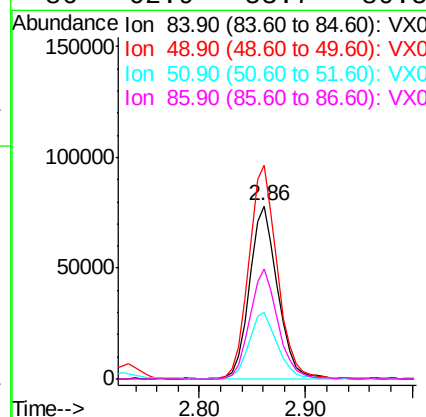
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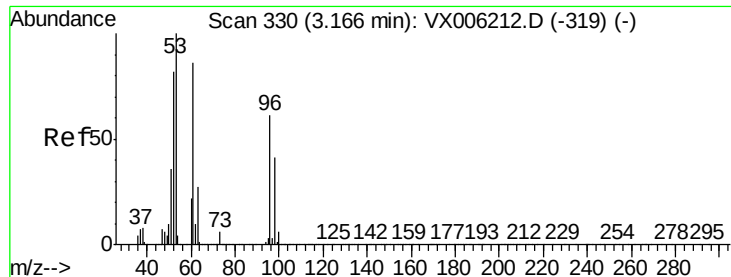
MMDadoda  
12/5/2018 10:11:27 AM



#20  
Methylene Chloride  
Concen: 19.181 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 122.9 | 102.2 | 153.4 |
| 51      | 38.3  | 31.1  | 46.7  |
| 86      | 62.9  | 53.7  | 80.5  |





#21

trans-1,2-Dichloroethene

Concen: 18.792 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

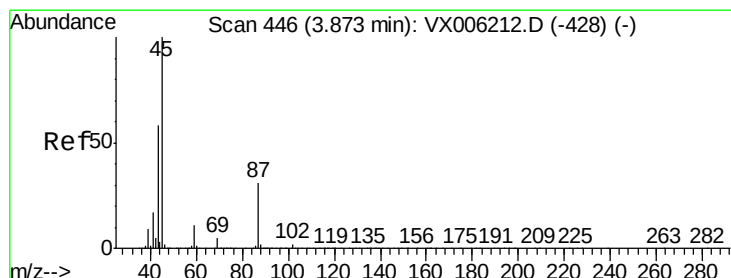
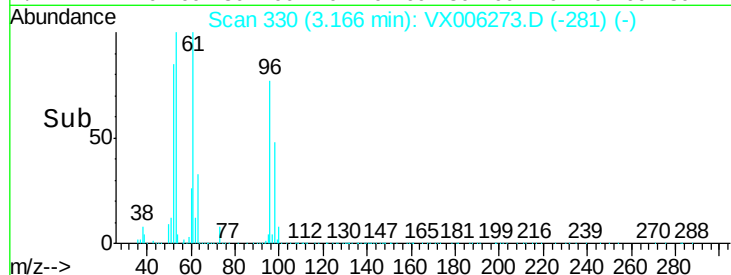
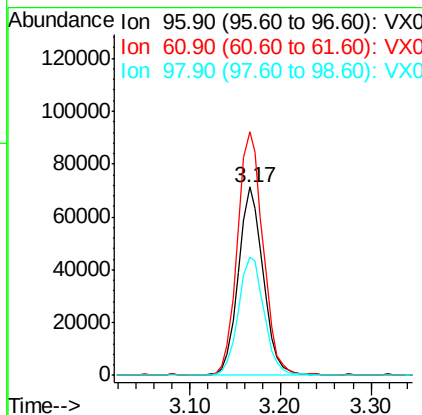
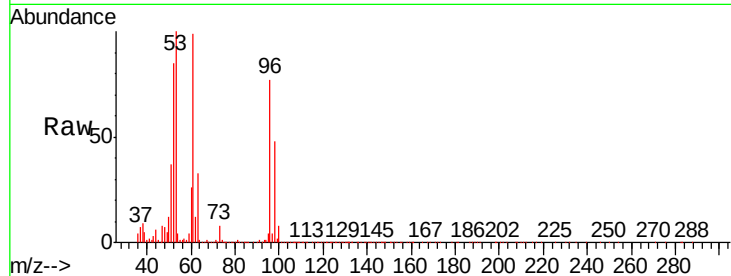
ClientSampleId :

VX1204MBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 134226 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 129.6 | 113.3 | 169.9  |
| 98       | 62.8  | 53.2  | 79.8   |

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12/5/2018 10:11:27 AM



#22

Diisopropyl ether

Concen: 19.619 ug/l

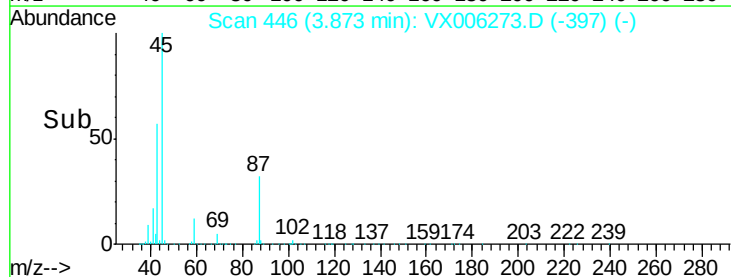
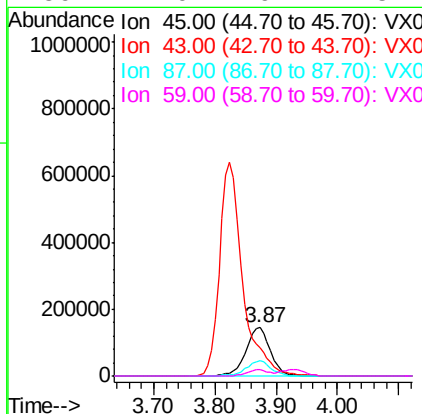
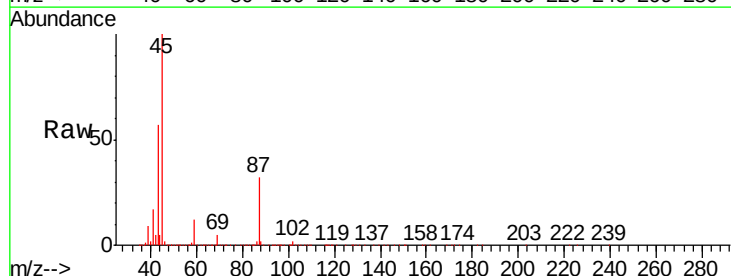
RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

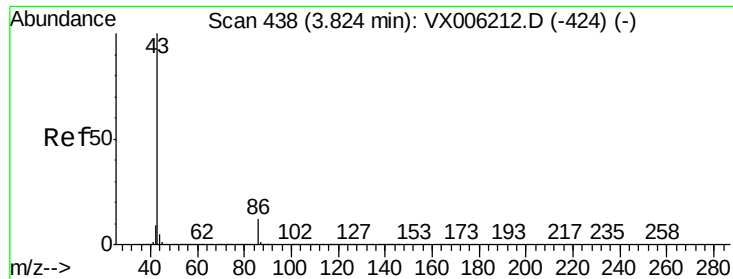
Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 405740 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 56.7  | 46.2  | 69.2   |
| 87       | 32.1  | 24.9  | 37.3   |
| 59       | 12.0  | 9.1   | 13.7   |







#23

Vinyl Acetate

Concen: 95.633 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

ClientSampleId :

VX1204MBS01

Tgt Ion: 43 Resp: 1686859

Ion Ratio Lower Upper

43 100

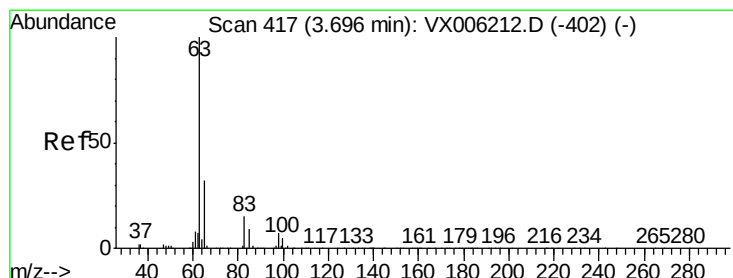
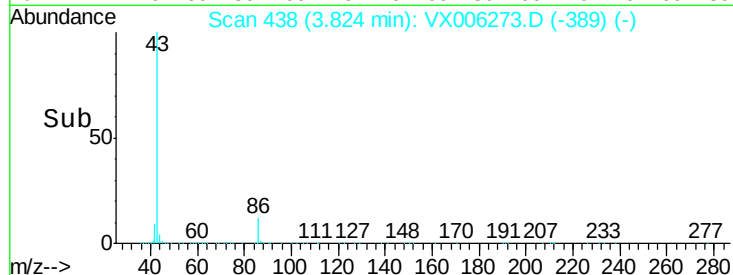
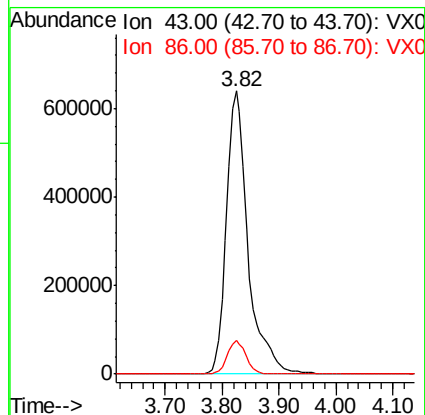
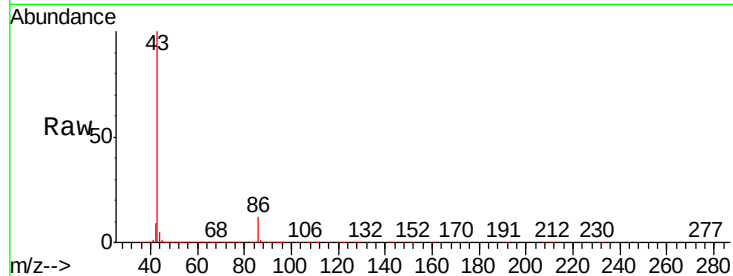
86 11.9 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.351 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

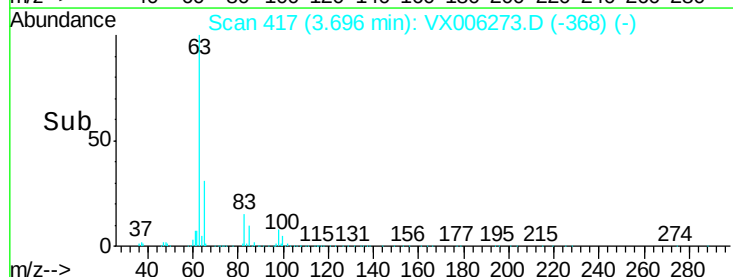
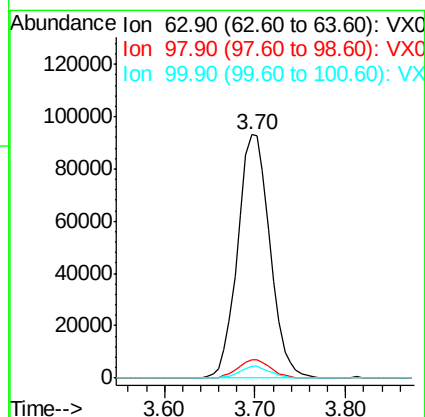
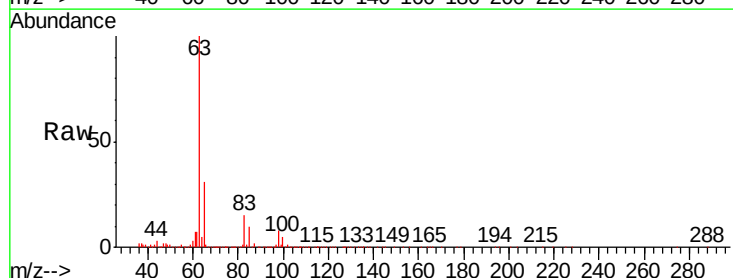
Tgt Ion: 63 Resp: 228740

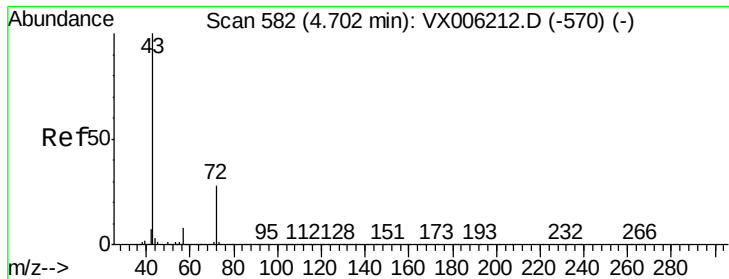
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 91.040 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

ClientSampleId :

VX1204MBS01

Tgt Ion: 43 Resp: 460971

Ion Ratio Lower Upper

43 100

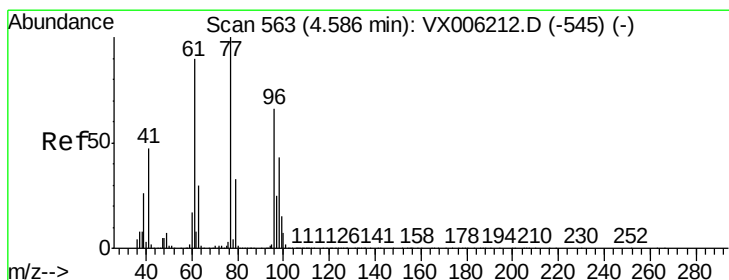
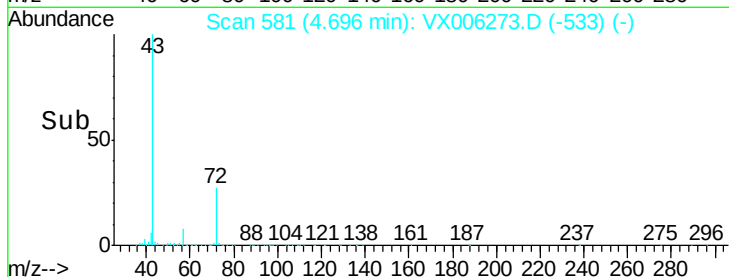
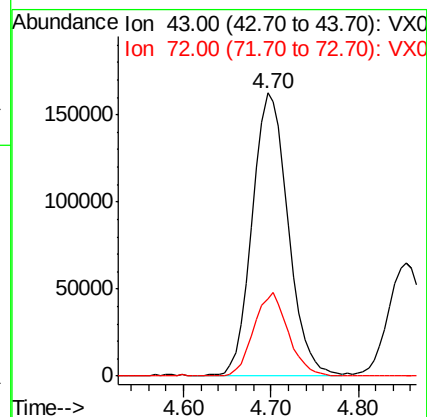
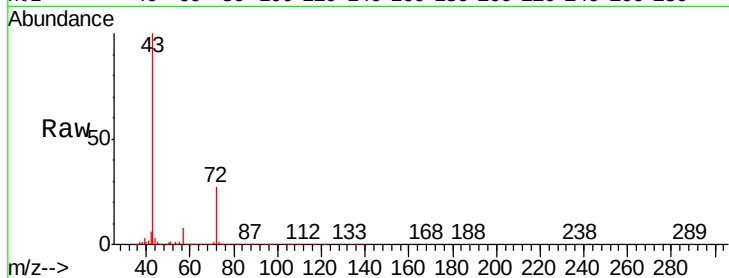
72 27.2 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.246 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006273.D

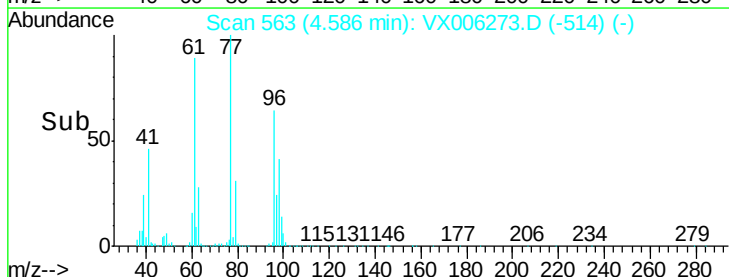
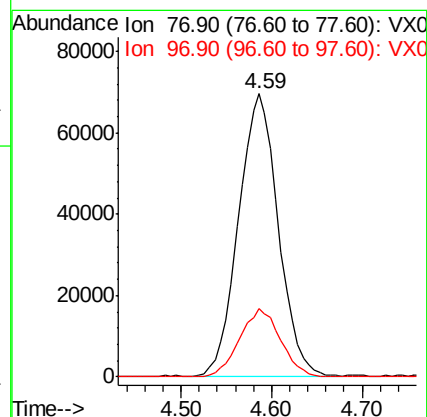
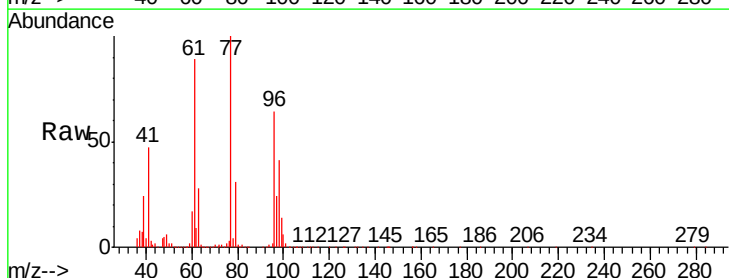
Acq: 04 Dec 2018 12:55

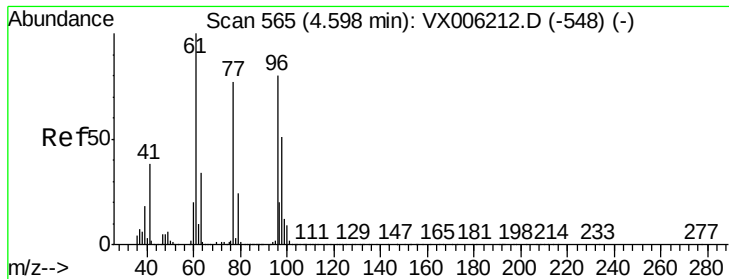
Tgt Ion: 77 Resp: 209952

Ion Ratio Lower Upper

77 100

97 24.9 12.3 36.8





#27

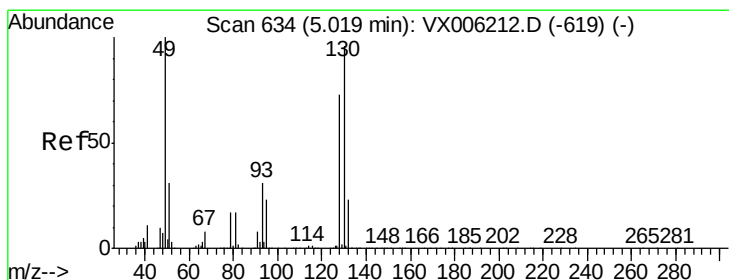
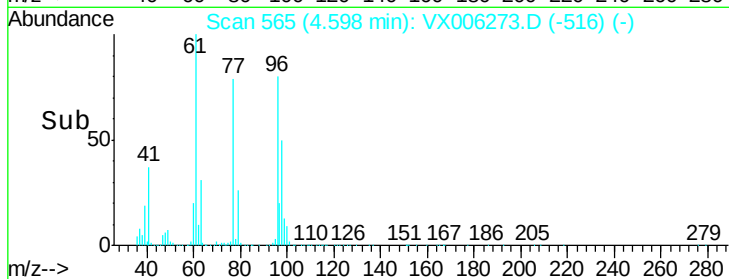
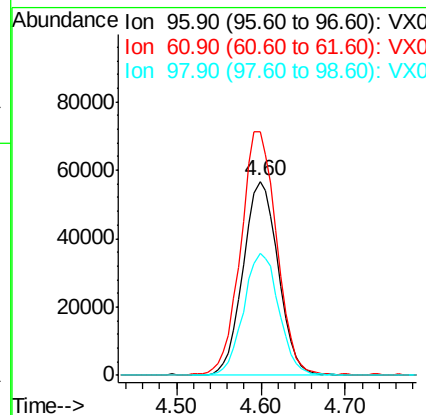
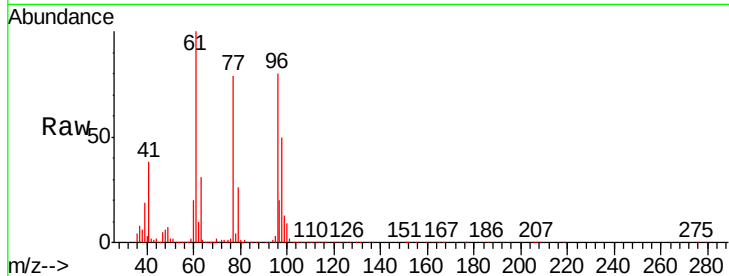
cis-1,2-Dichloroethene  
Concen: 20.081 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 159989 |       |       |
| 61      | 128.3 | 0.0    | 265.0 |       |
| 98      | 62.5  | 0.0    | 130.2 |       |

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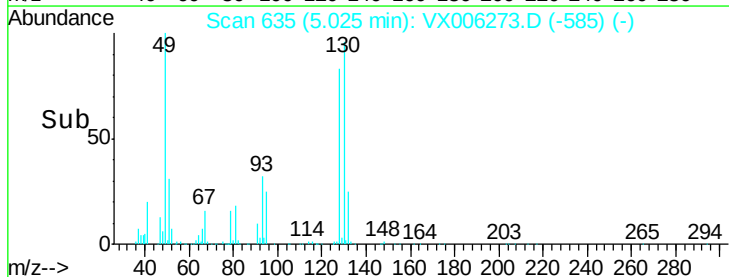
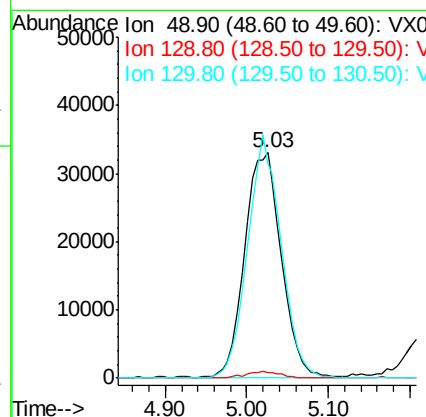
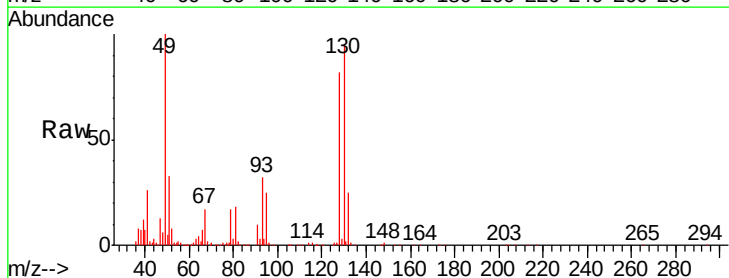
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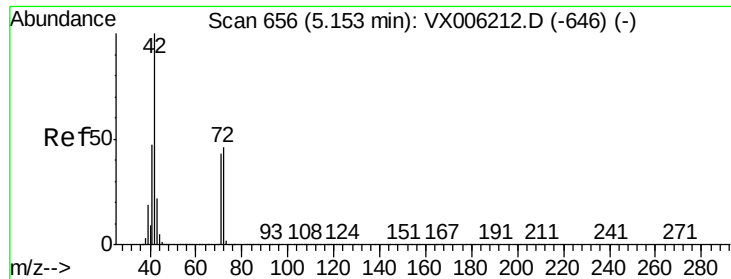


#28

Bromochloromethane  
Concen: 19.910 ug/l  
RT: 5.03 min Scan# 635  
Delta R.T. 0.01 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 102800 |       |       |
| 129     | 2.8   | 0.0    | 5.0   |       |
| 130     | 99.0  | 78.3   | 117.5 |       |





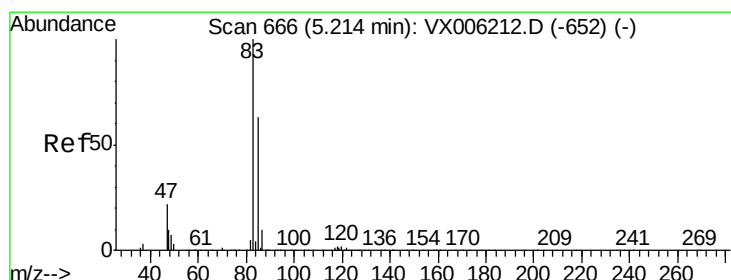
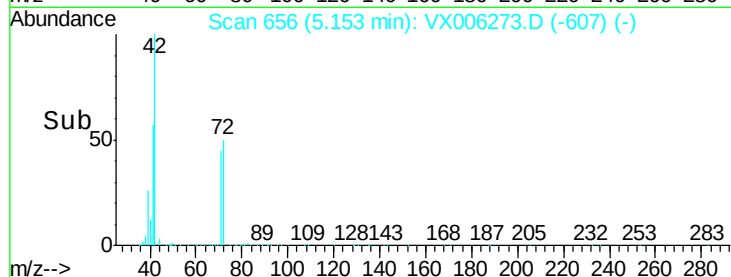
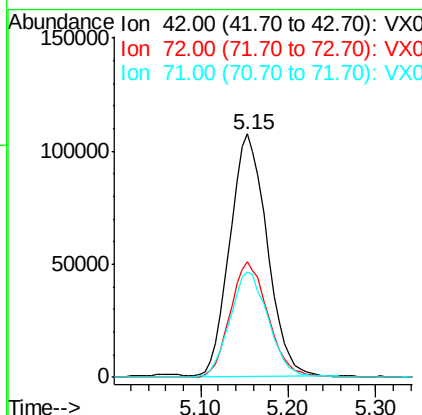
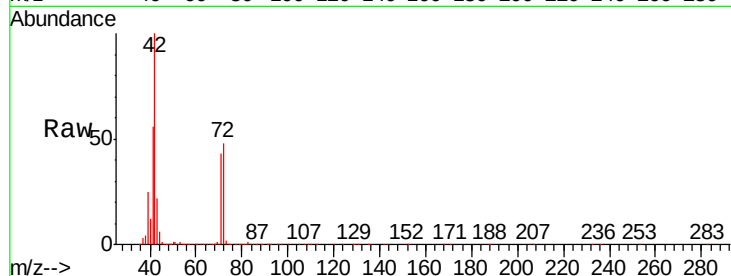
#29  
Tetrahydrofuran  
Concen: 90.228 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 42      | 100   |            |            |
| 72      | 48.4  | 37.8       | 56.8       |
| 71      | 44.7  | 35.2       | 52.8       |

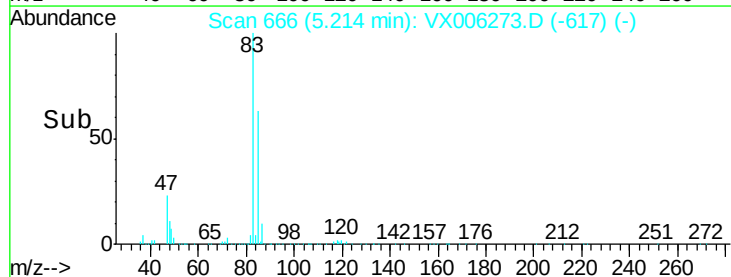
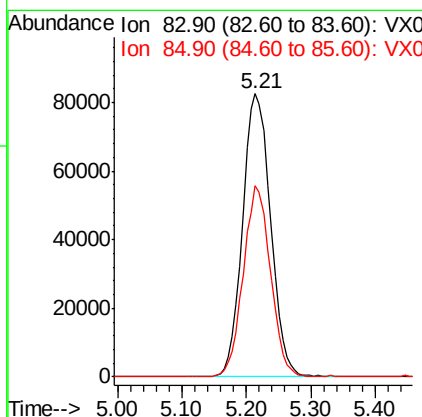
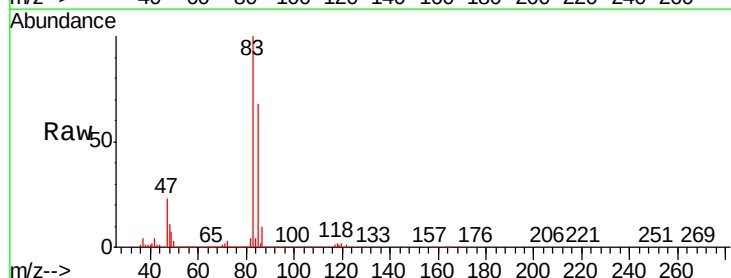
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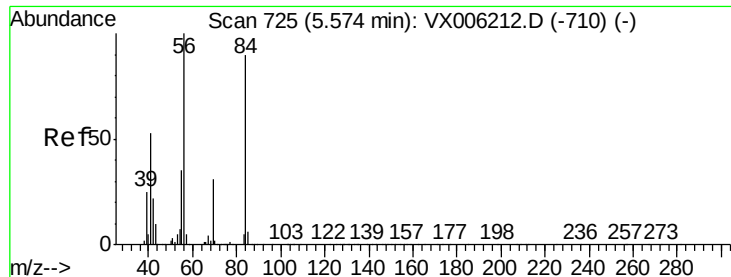
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#30  
Chloroform  
Concen: 19.710 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 83      | 100   |            |            |
| 85      | 67.8  | 50.3       | 75.5       |





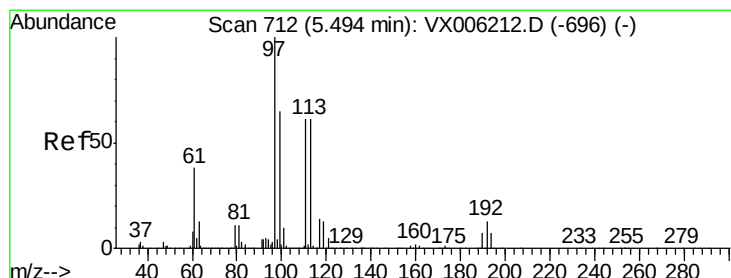
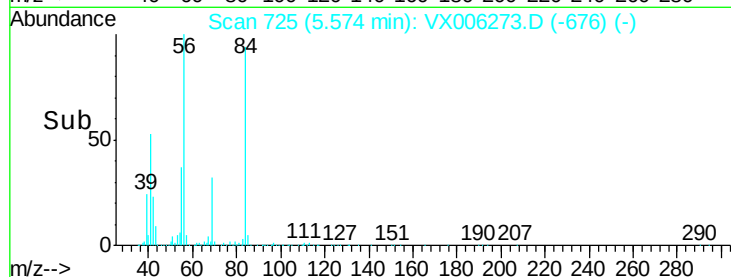
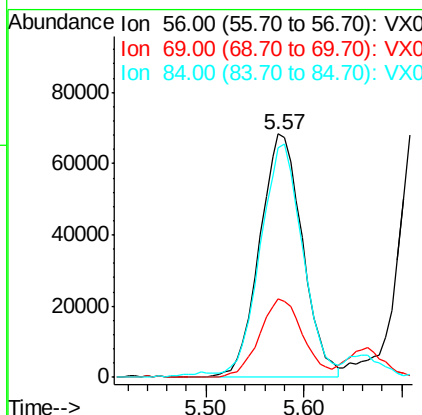
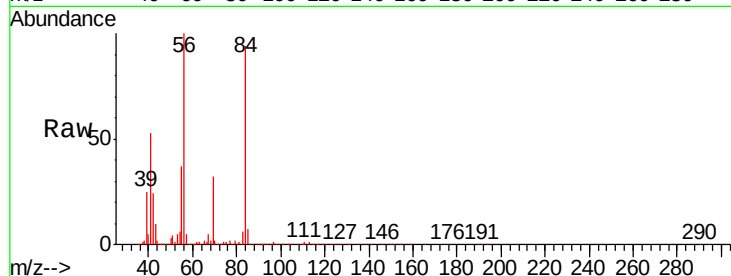
#31  
Cyclohexane  
Concen: 18.912 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.8  | 24.5  | 36.7  |
| 84      | 93.1  | 71.8  | 107.6 |

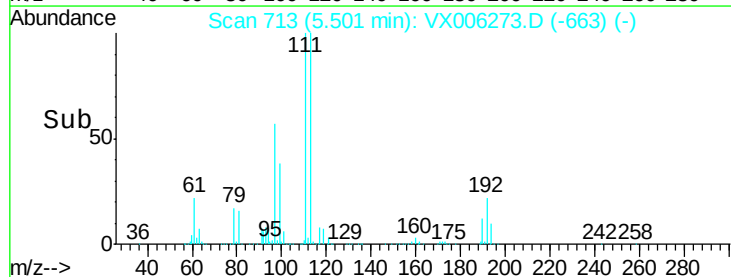
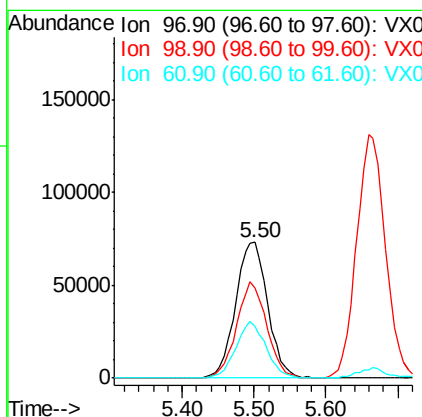
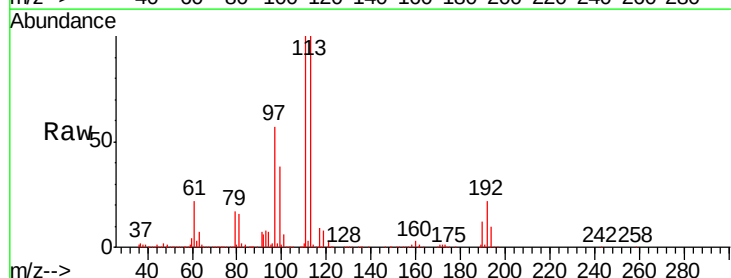
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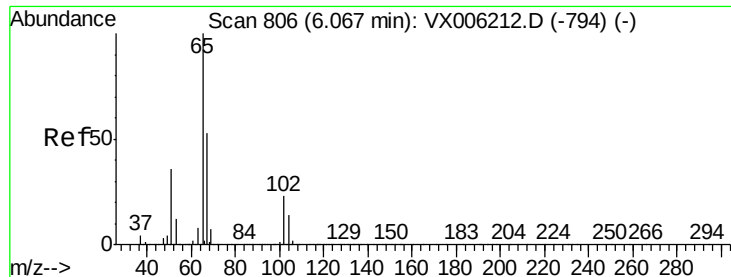
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#32  
1,1,1-Trichloroethane  
Concen: 19.197 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. 0.01 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 66.4  | 51.6  | 77.4  |
| 61      | 39.3  | 30.6  | 46.0  |





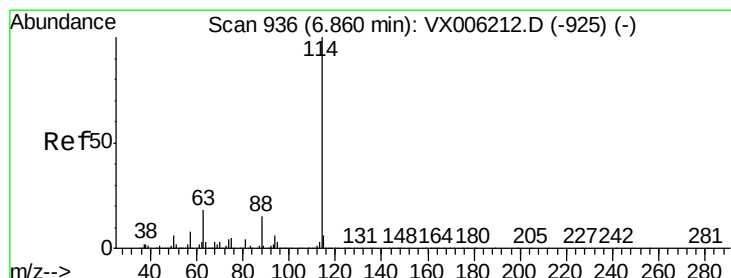
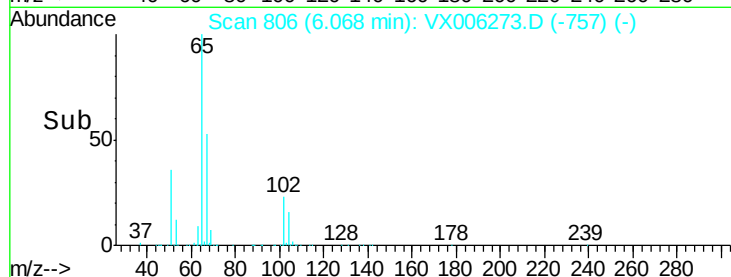
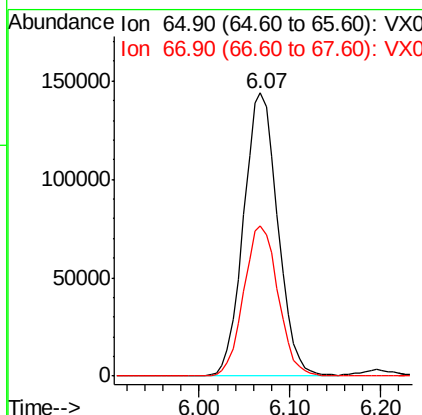
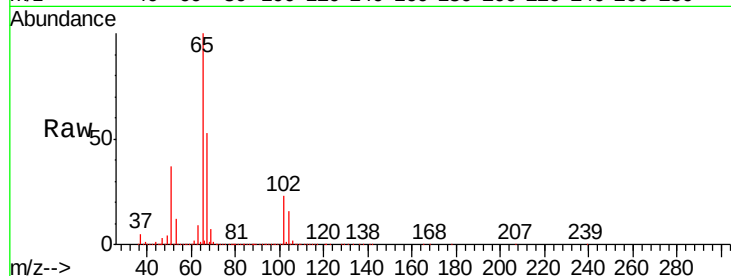
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.745 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 53.2  | 0.0   | 107.2 |

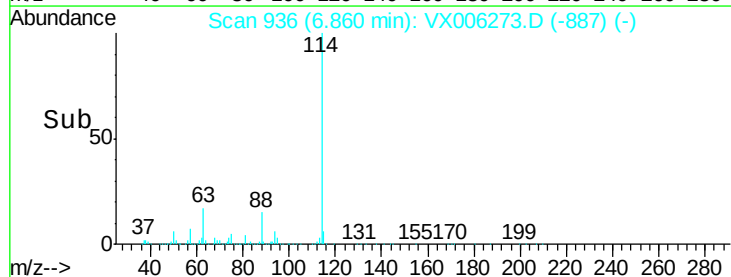
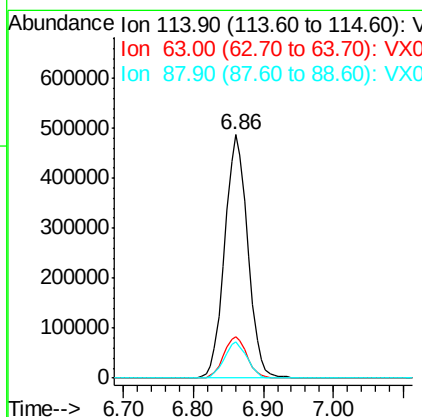
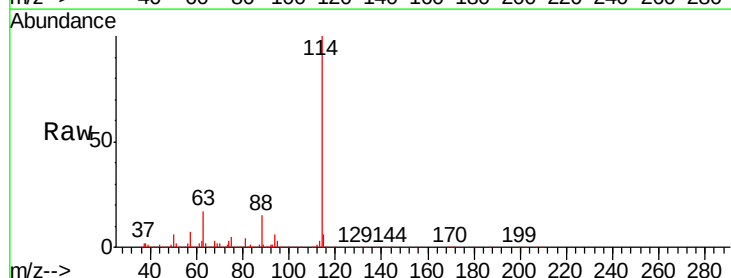
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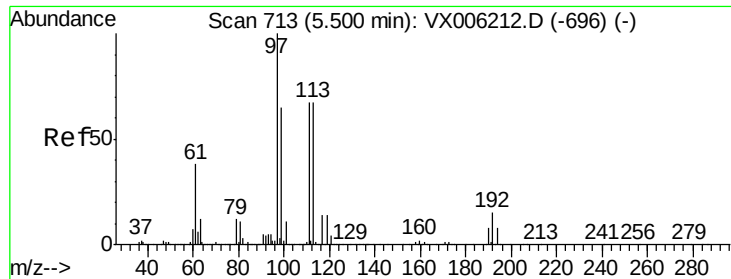
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 17.1  | 0.0   | 36.6  |
| 88      | 14.8  | 0.0   | 29.0  |





#35

Dibromofluoromethane

Concen: 49.537 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

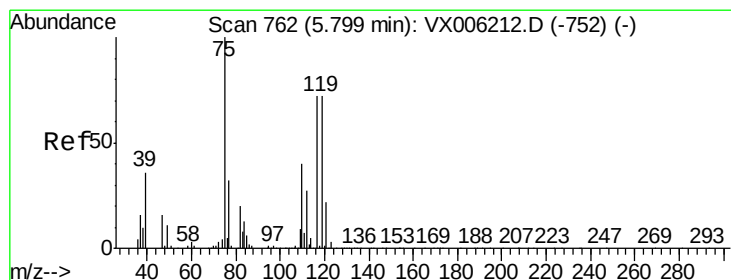
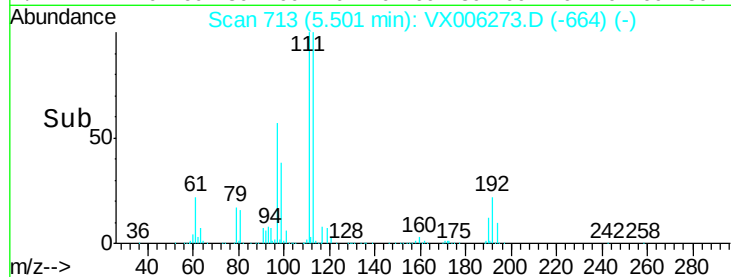
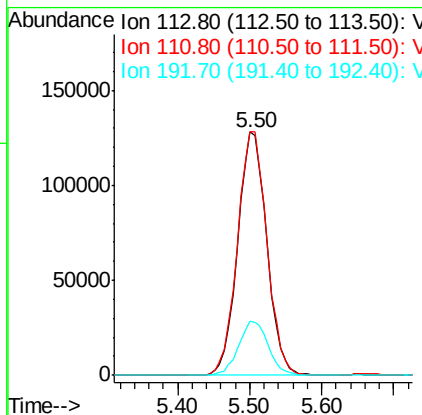
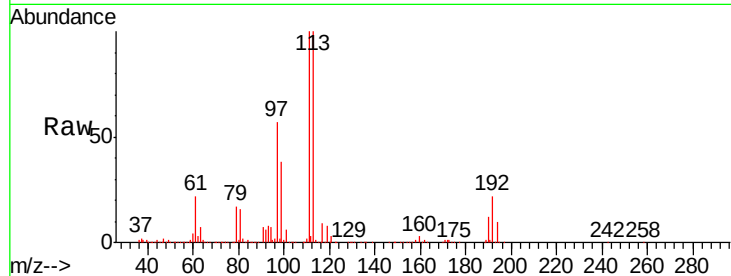
ClientSampleId :

VX1204MBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 358727 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.4 | 81.1  | 121.7  |
| 192       | 22.7  | 18.2  | 27.2   |

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#36

1,1-Dichloropropene

Concen: 18.774 ug/l

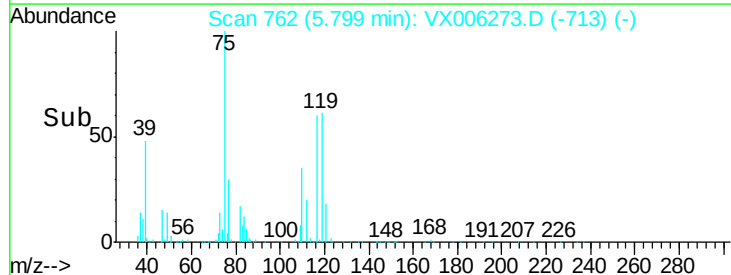
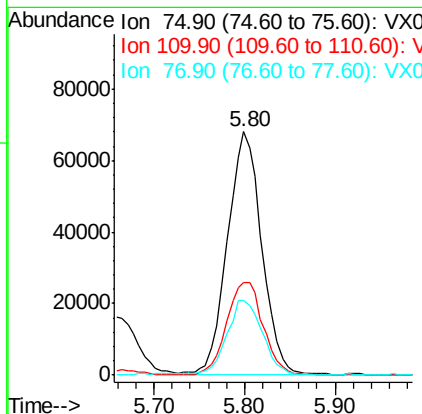
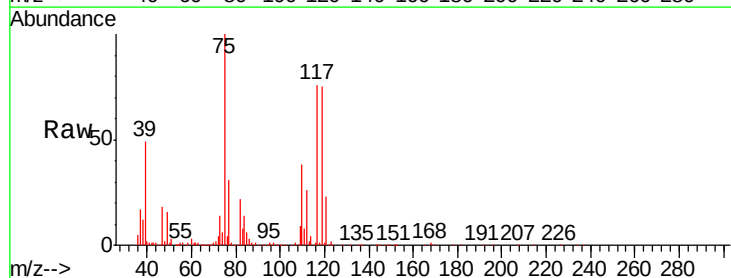
RT: 5.80 min Scan# 762

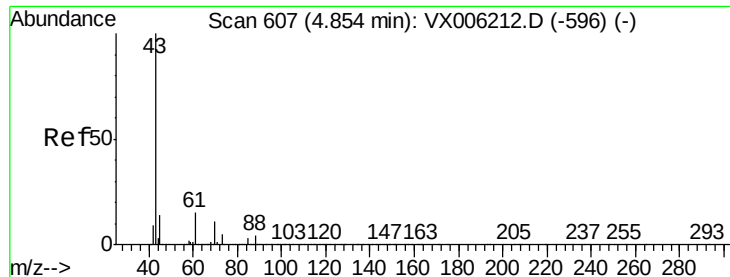
Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 176830 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 41.0  | 20.4  | 61.3   |
| 77        | 31.5  | 24.9  | 37.3   |





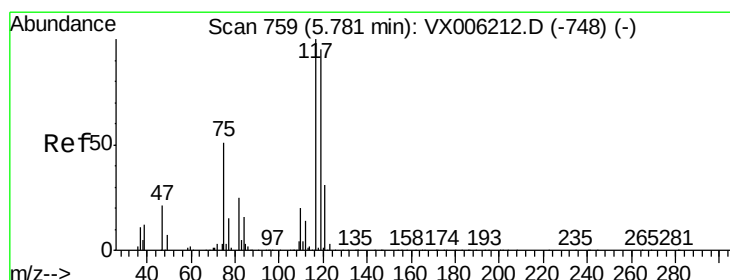
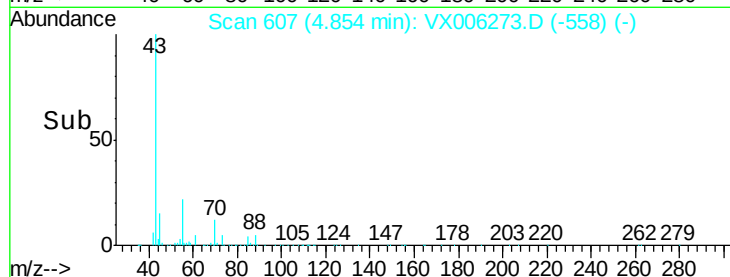
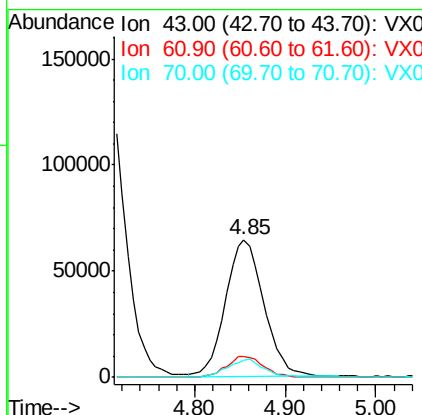
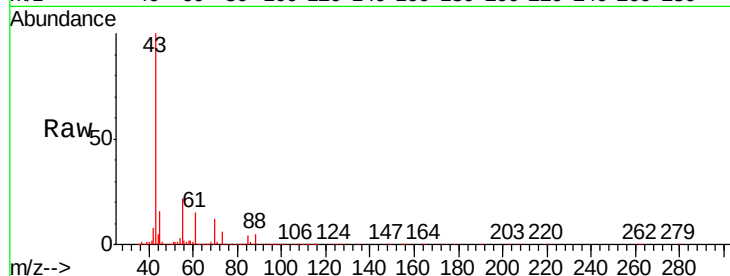
#37  
Ethyl Acetate  
Concen: 17.870 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.9  | 11.5  | 17.3  |
| 70      | 12.3  | 9.0   | 13.6  |

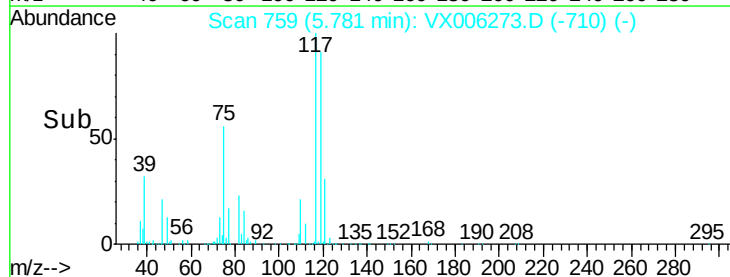
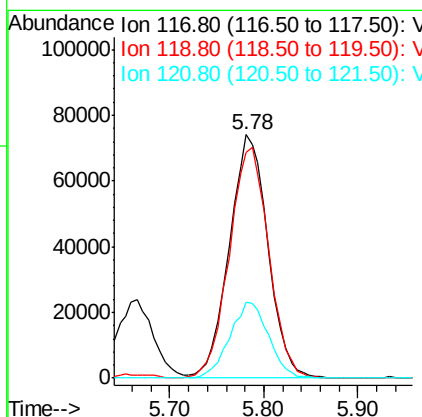
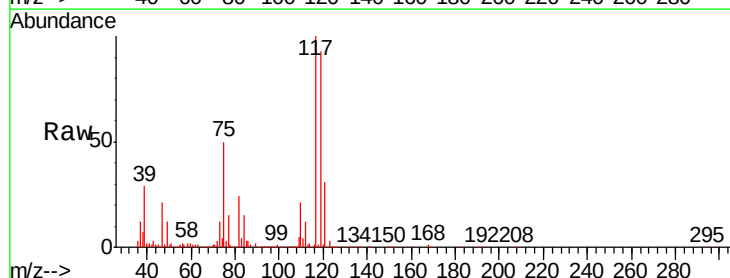
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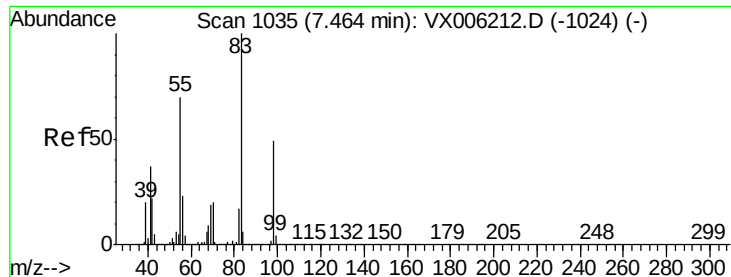


#38  
Carbon Tetrachloride  
Concen: 19.002 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.7  | 75.8  | 113.8 |
| 121     | 30.9  | 24.6  | 37.0  |







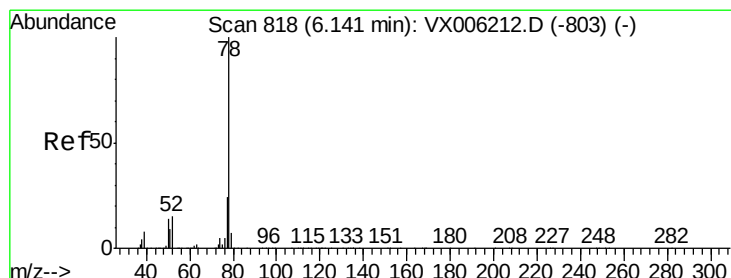
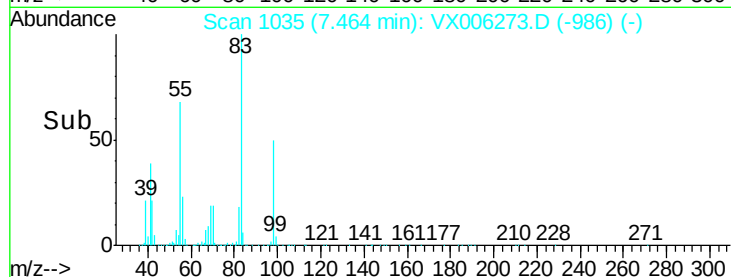
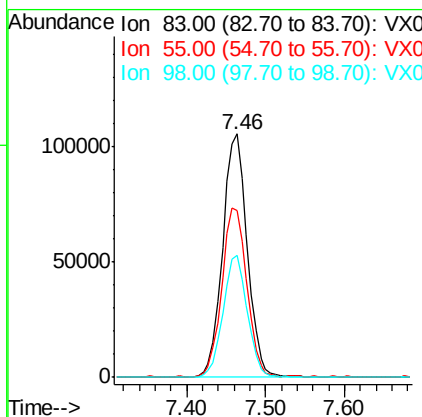
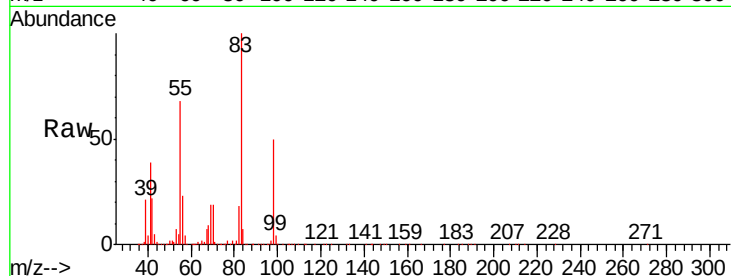
#39  
Methylcyclohexane  
Concen: 18.761 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 229362 |       |       |
| 55      | 68.2  |        | 56.4  | 84.6  |
| 98      | 49.9  |        | 39.0  | 58.6  |

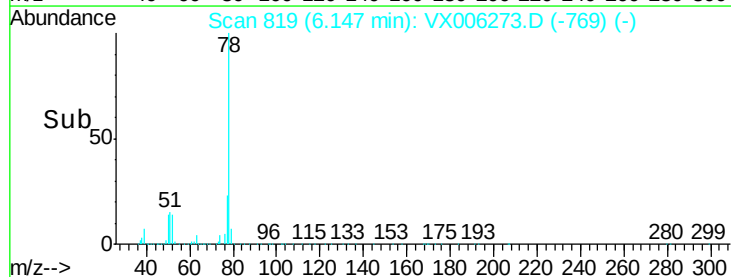
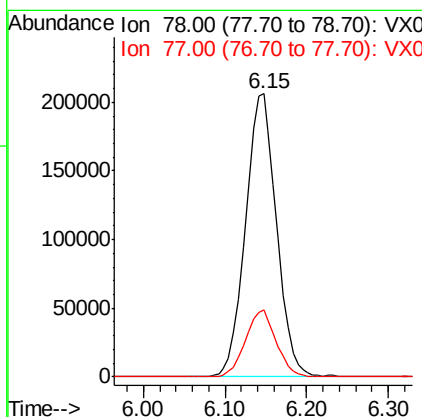
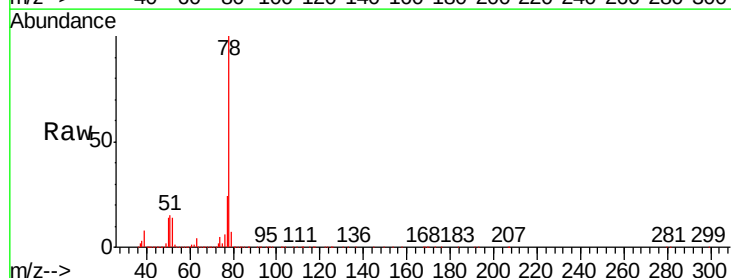
Manual Integrations  
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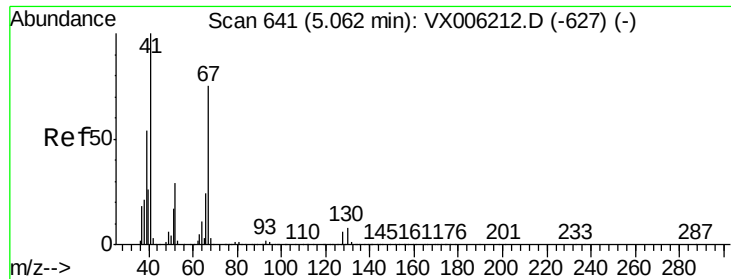
MMDadoda  
12/5/2018 10:11:27 AM



#40  
Benzene  
Concen: 19.331 ug/l  
RT: 6.15 min Scan# 819  
Delta R.T. 0.01 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 545324 |       |       |
| 77      | 23.8  |        | 19.2  | 28.8  |





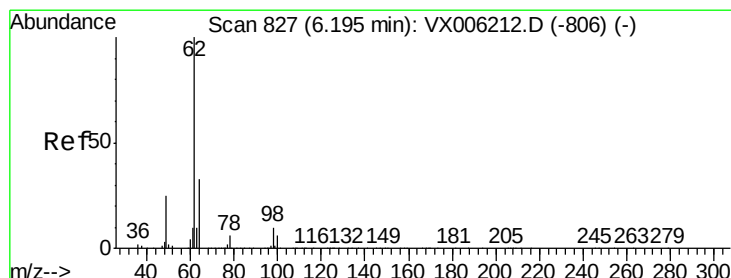
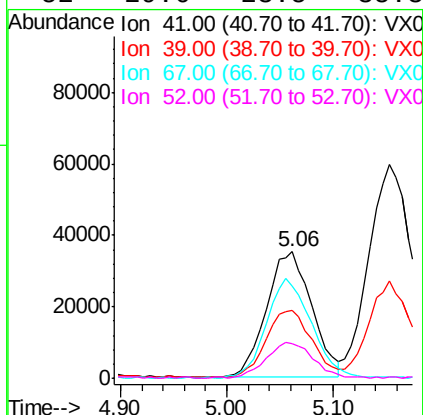
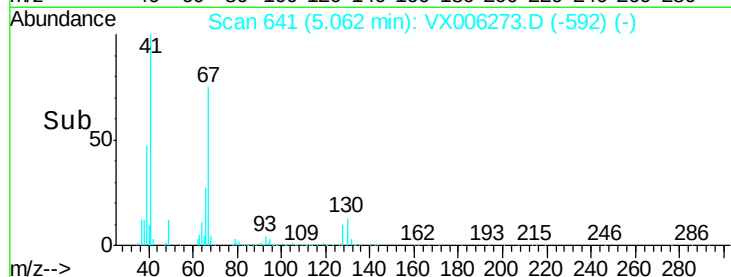
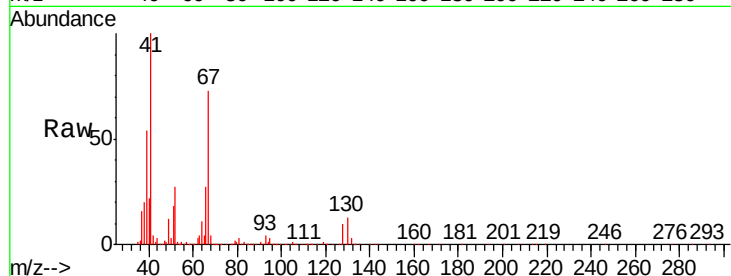
#41  
Methacrylonitrile  
Concen: 17.874 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.8 | 44.0  | 66.0  |       |
| 67      | 79.4 | 61.4  | 92.0  |       |
| 52      | 29.6 | 23.5  | 35.3  |       |

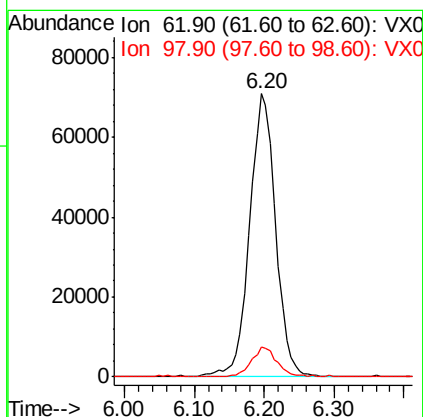
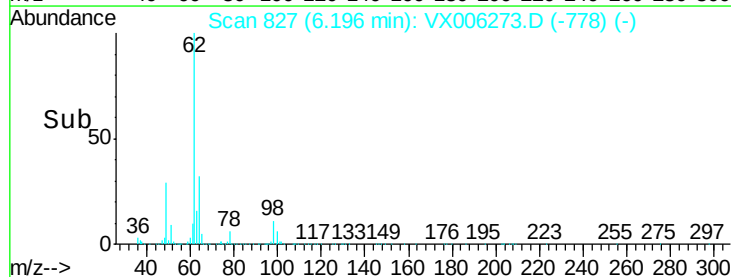
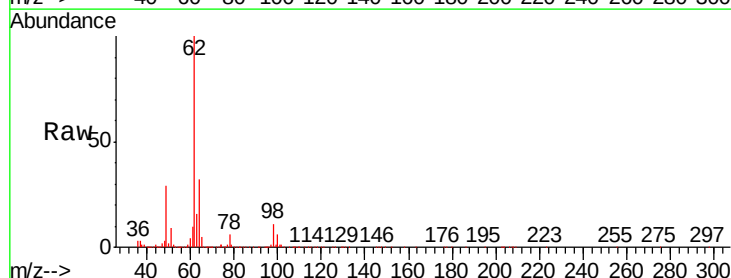
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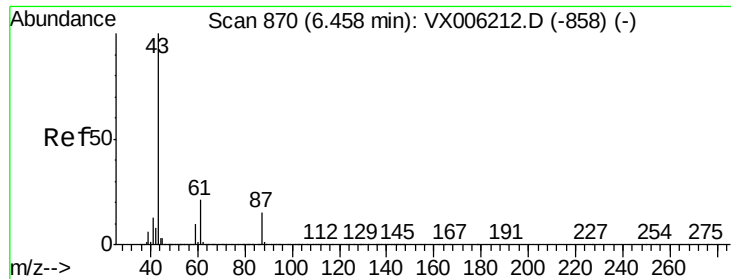
MMDadoda  
12/5/2018 10:11:27 AM



#42  
1,2-Dichloroethane  
Concen: 19.625 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.5 | 0.0   | 20.2  |       |





#43

Isopropyl Acetate

Concen: 17.851 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

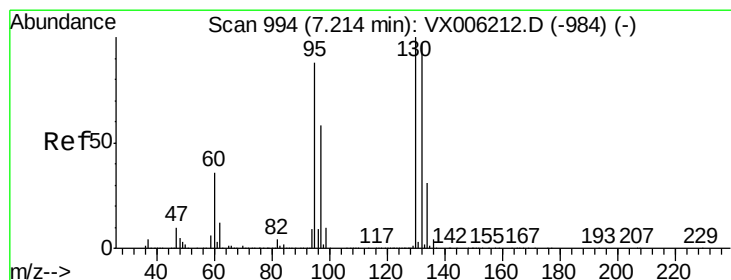
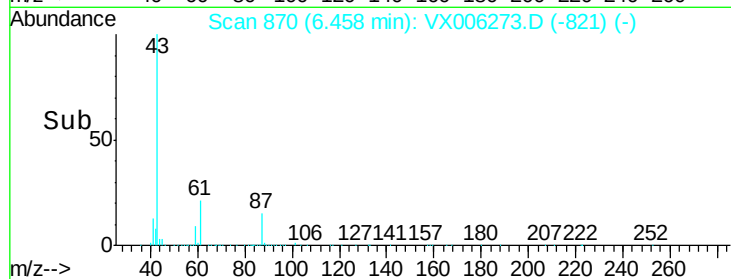
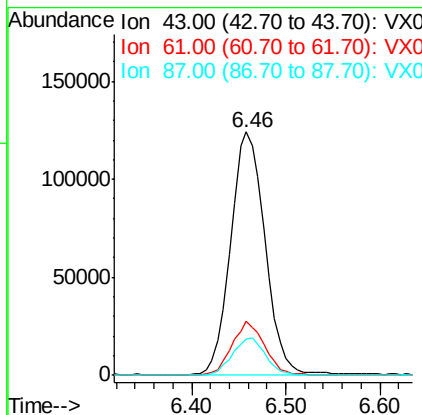
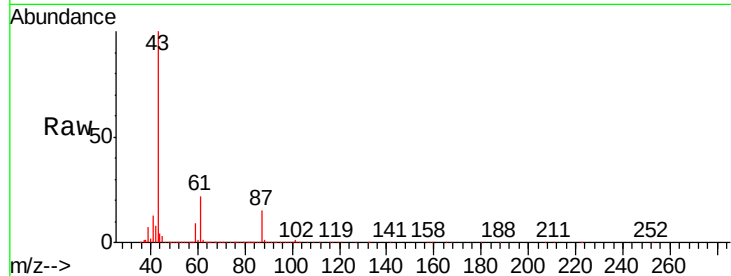
ClientSampleId :

VX1204MBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 313926 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 21.5  | 16.8  | 25.2   |
| 87       | 15.1  | 11.9  | 17.9   |

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#44

Trichloroethene

Concen: 18.969 ug/l

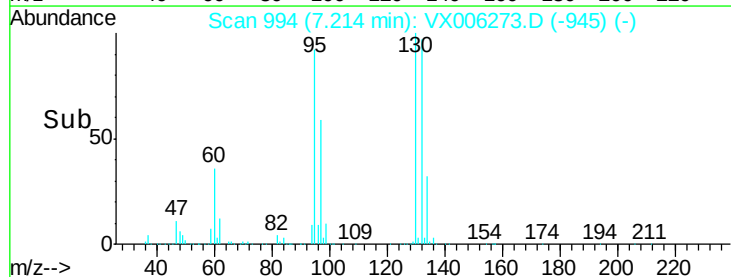
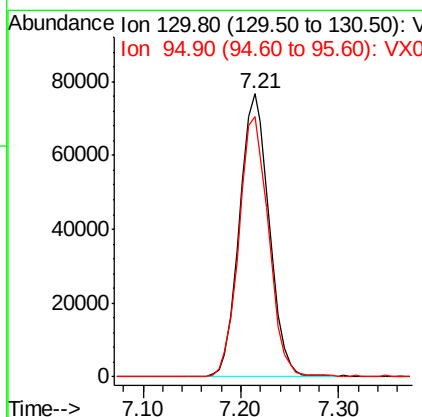
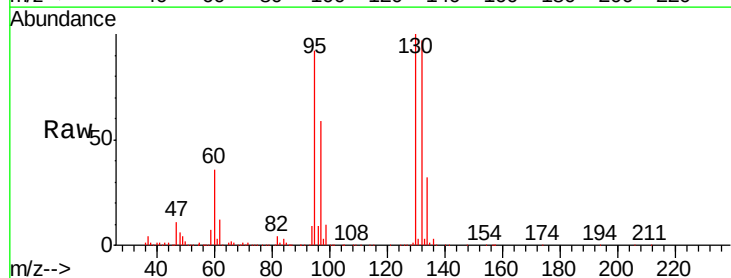
RT: 7.21 min Scan# 994

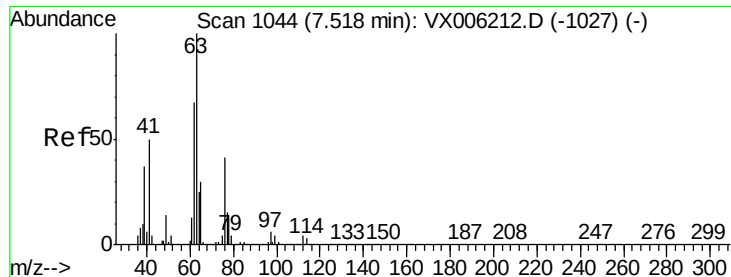
Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 162111 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 91.8  | 0.0   | 175.8  |





#45

1,2-Dichloropropane

Concen: 19.643 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

ClientSampleId :

VX1204MBS01

Tgt Ion: 63 Resp: 140829

Ion Ratio Lower Upper

63 100

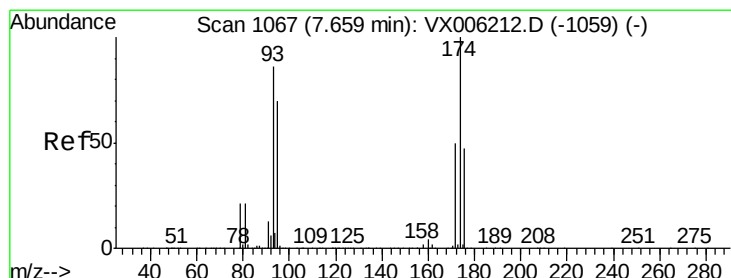
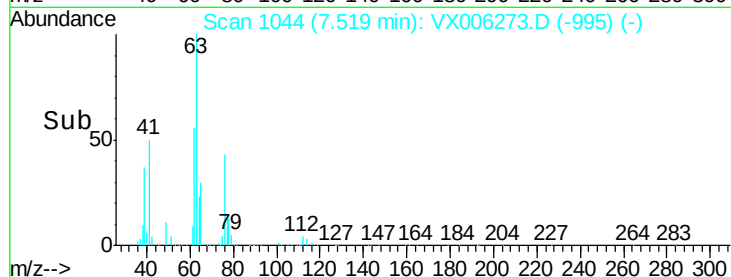
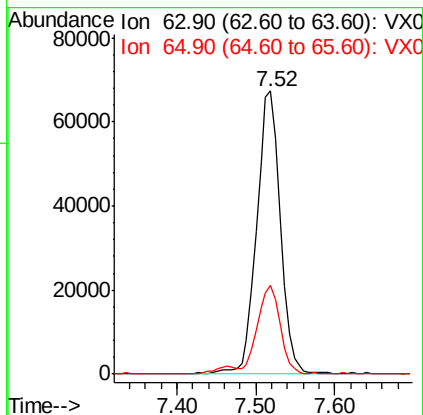
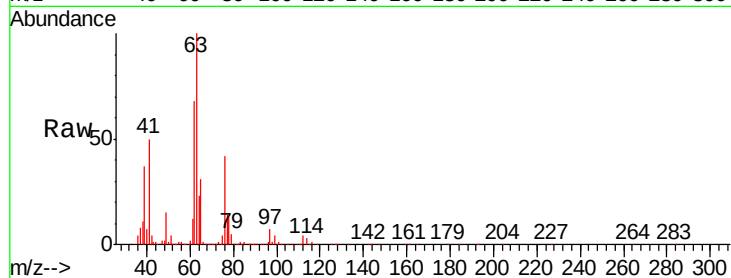
65 31.3 24.3 36.5

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#46

Dibromomethane

Concen: 19.375 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

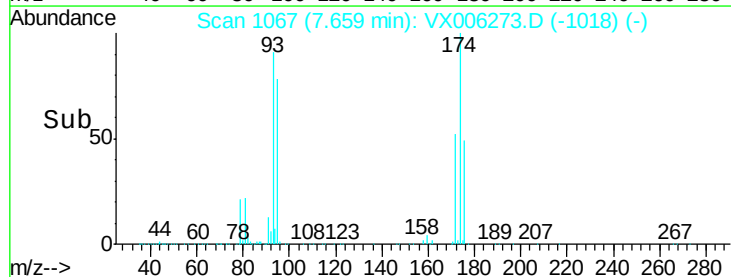
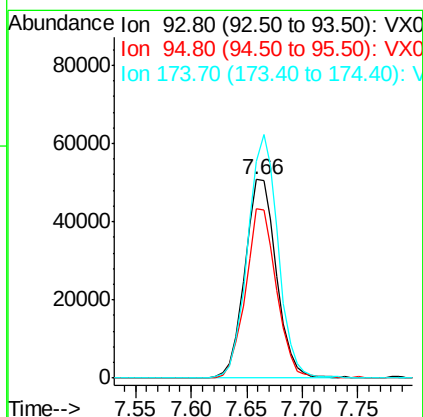
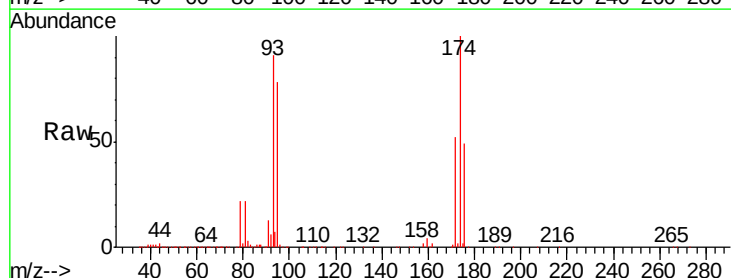
Tgt Ion: 93 Resp: 100323

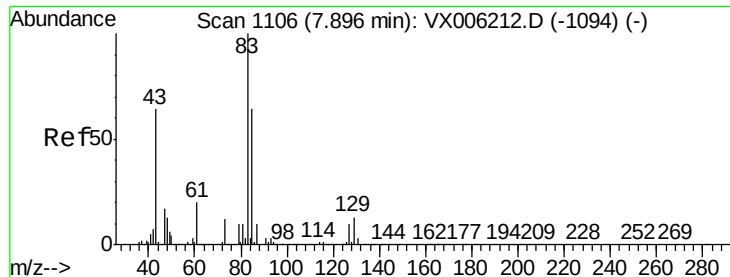
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 118.2 97.2 145.8





#47

Bromodichloromethane

Concen: 18.804 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

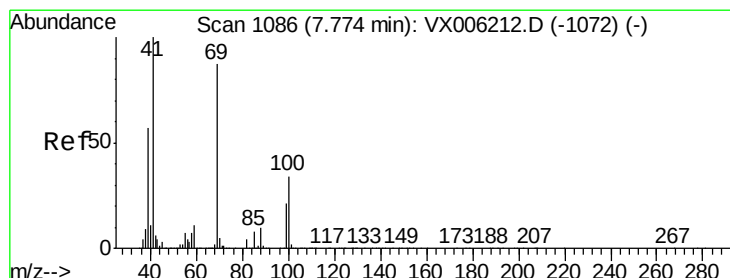
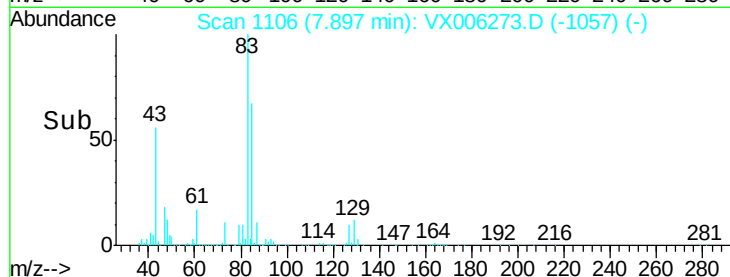
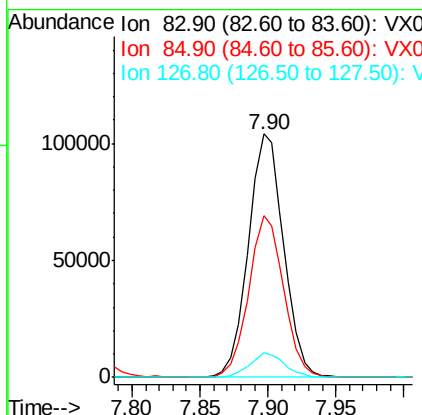
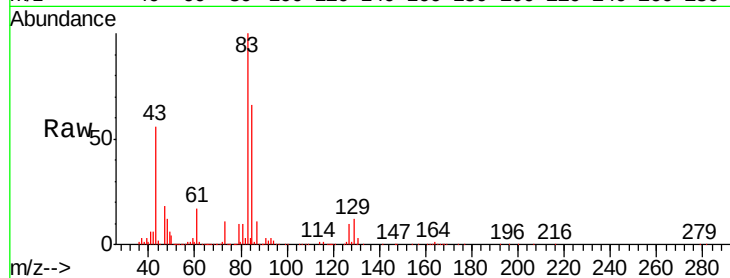
ClientSampled :

VX1204MBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 188557 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 66.4  | 51.4  | 77.0   |
| 127       | 10.1  | 7.9   | 11.9   |

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12/5/2018 10:11:27 AM



#48

Methyl methacrylate

Concen: 18.324 ug/l

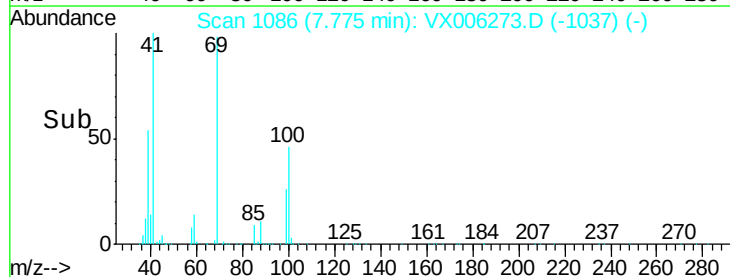
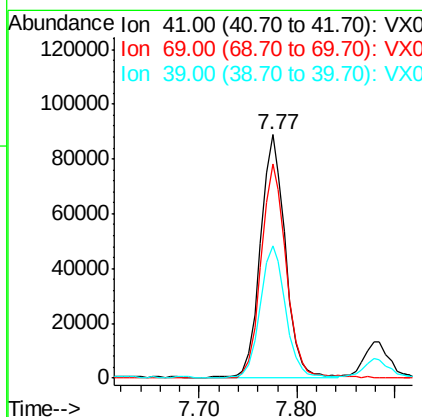
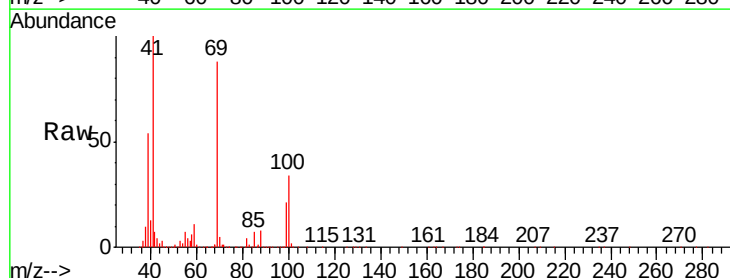
RT: 7.77 min Scan# 1086

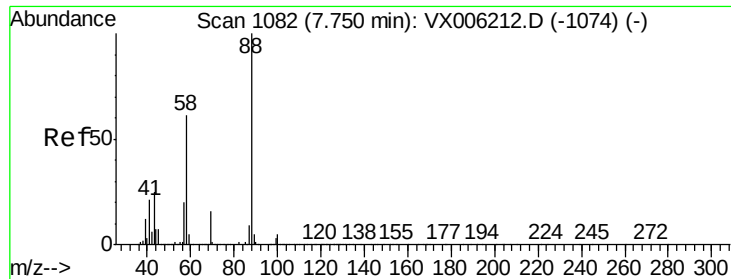
Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 156770 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 88.7  | 70.3  | 105.5  |
| 39        | 55.5  | 45.3  | 67.9   |





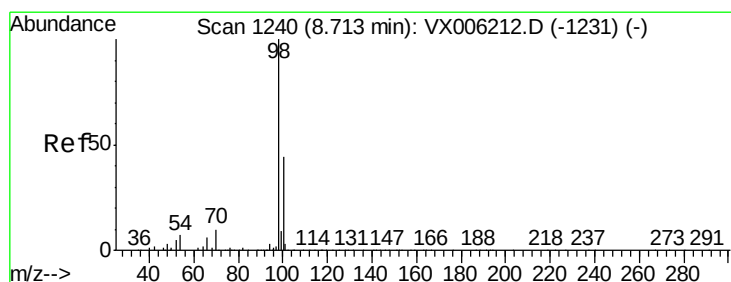
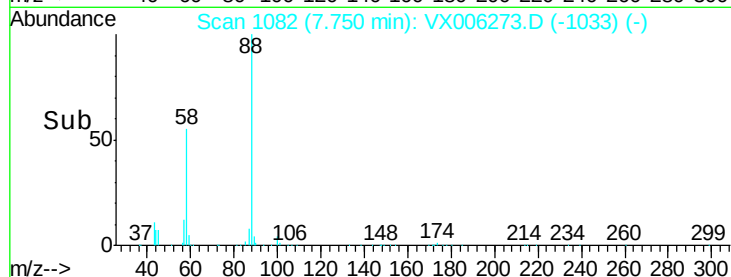
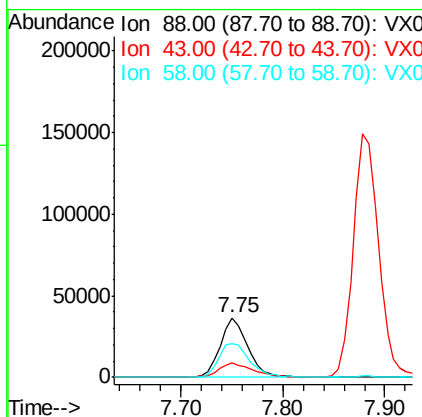
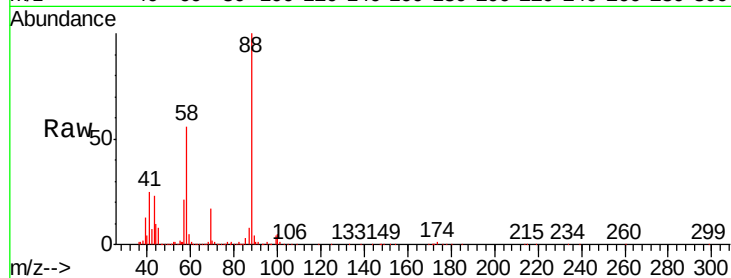
#49  
1,4-Dioxane  
Concen: 327.146 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 27.6  | 23.2  | 34.8  |
| 58      | 62.1  | 51.4  | 77.0  |

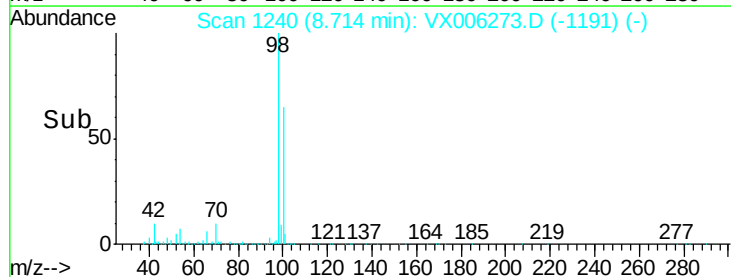
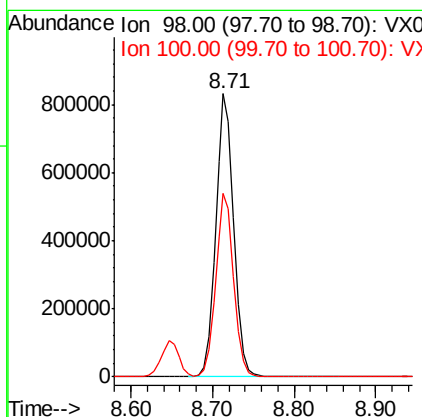
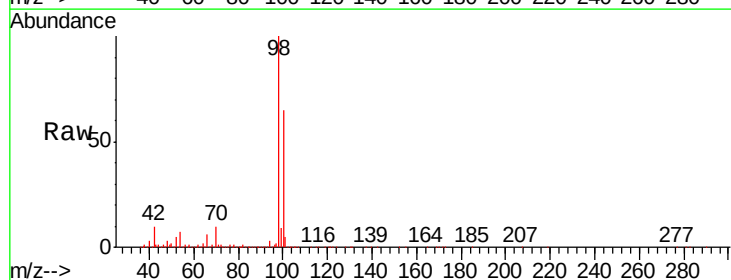
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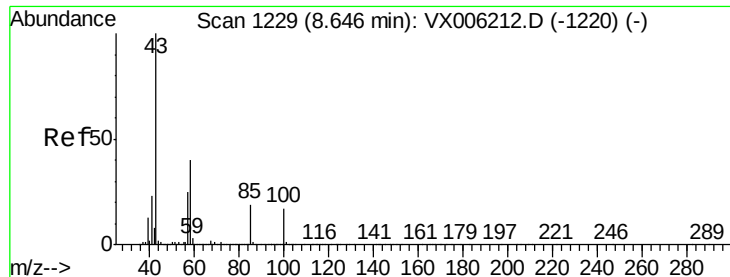
MMDadoda  
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#50  
Toluene-d8  
Concen: 48.545 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.6  | 52.2  | 78.2  |





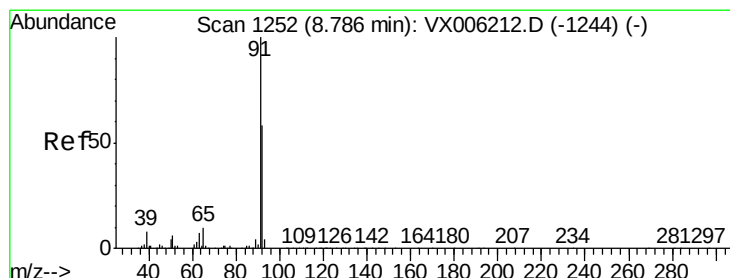
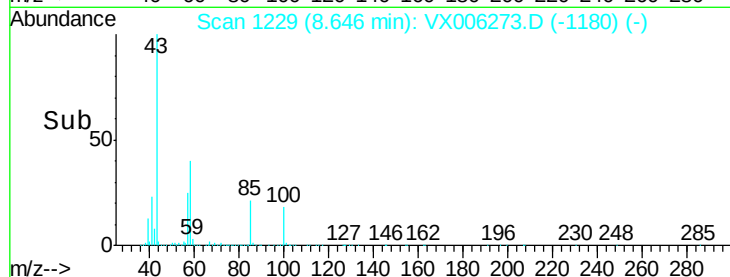
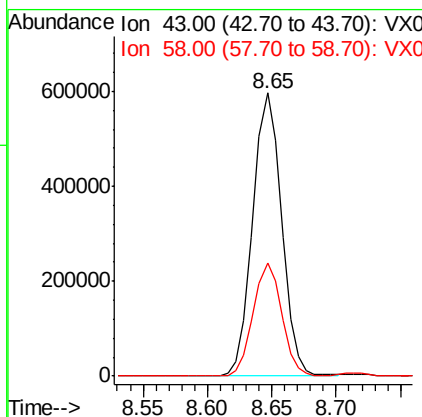
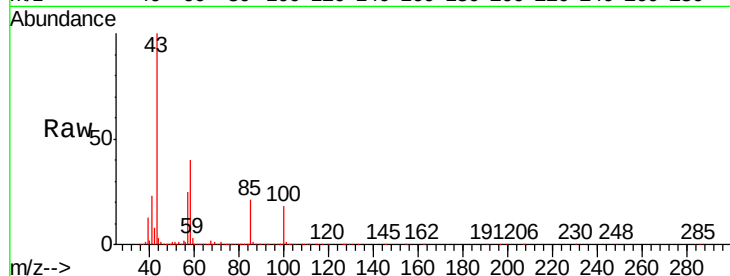
#51  
 4-Methyl-2-Pentanone  
 Concen: 90.116 ug/l  
 RT: 8.65 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.6  | 31.3  | 46.9  |

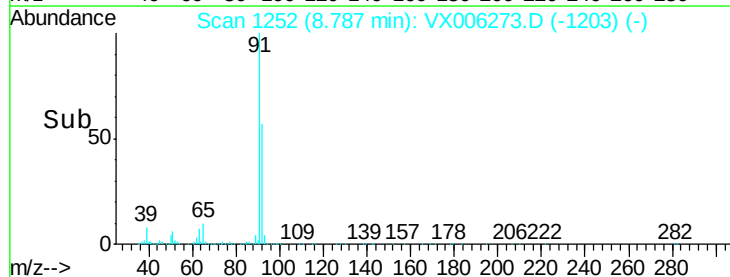
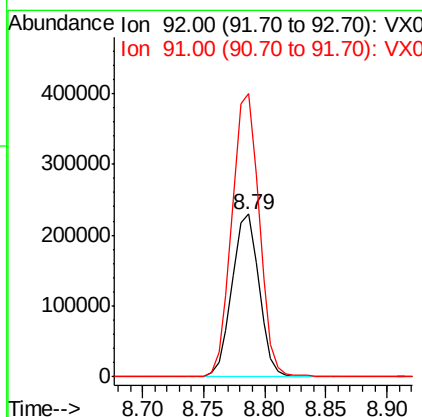
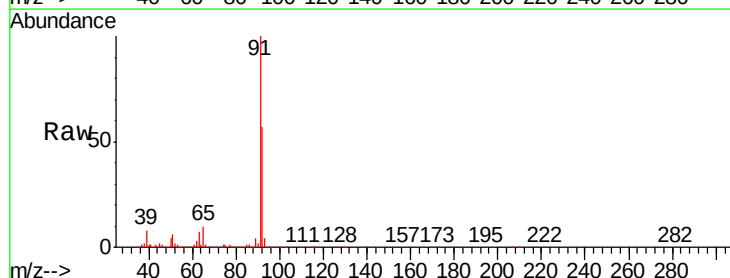
Manual Integrations  
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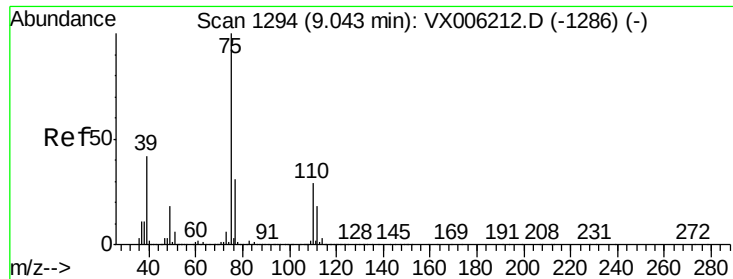
MMDadoda  
 12/5/2018 10:11:27 AM



#52  
 Toluene  
 Concen: 18.946 ug/l  
 RT: 8.79 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 175.5 | 139.2 | 208.8 |





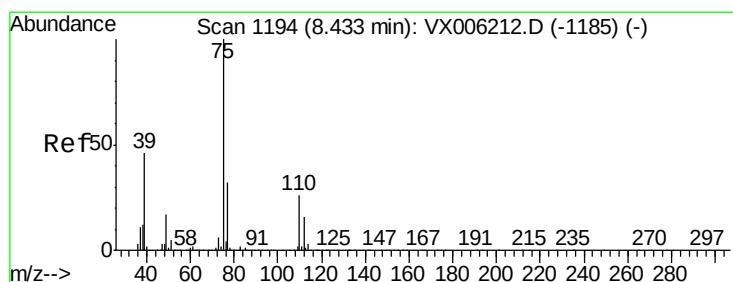
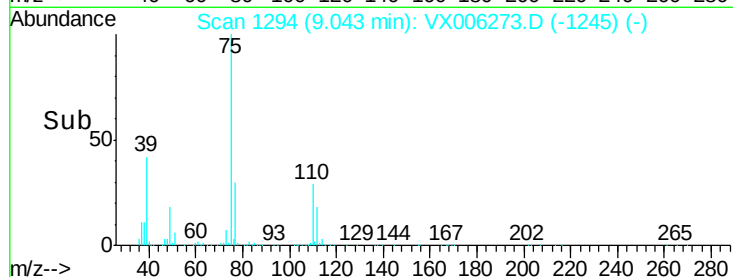
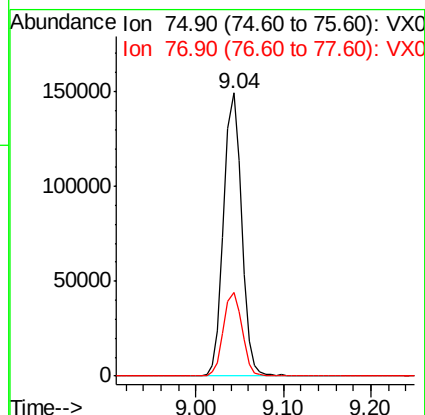
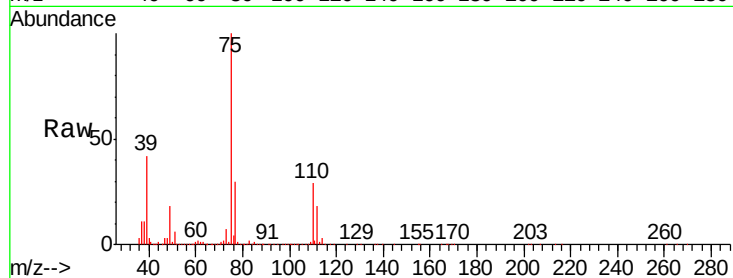
#53  
t-1,3-Dichloropropene  
Concen: 18.150 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

Tgt Ion: 75 Resp: 212845  
Ion Ratio Lower Upper  
75 100  
77 29.7 25.0 37.4

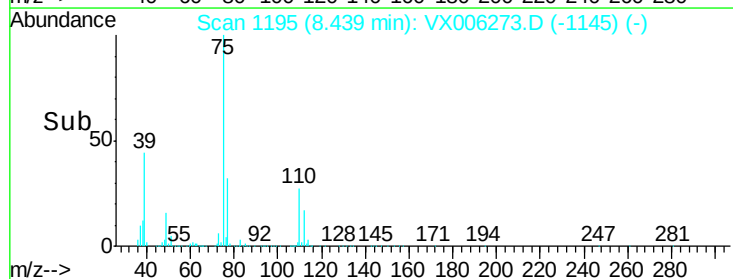
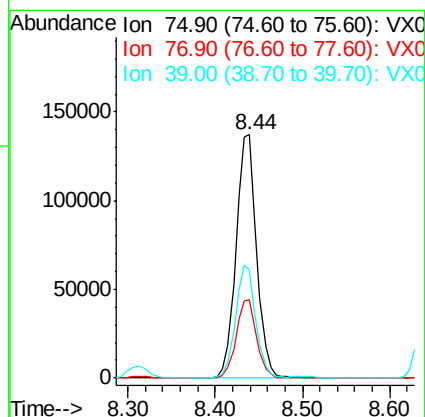
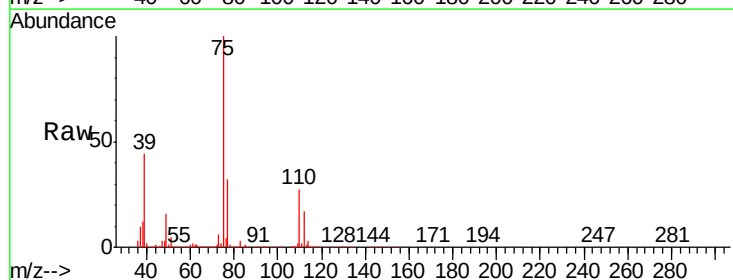
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12/5/2018 10:11:27 AM

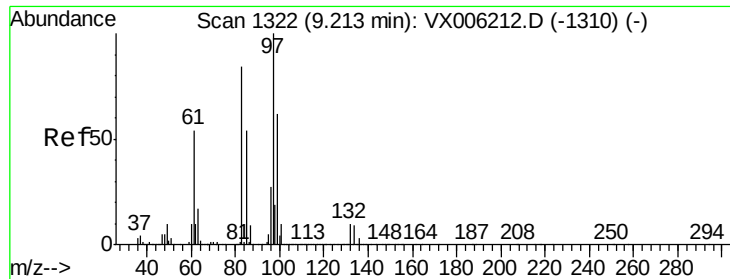


#54  
cis-1,3-Dichloropropene  
Concen: 18.580 ug/l  
RT: 8.44 min Scan# 1195  
Delta R.T. 0.01 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Tgt Ion: 75 Resp: 226257  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.6 38.4  
39 44.1 36.5 54.7







#55

1,1,2-Trichloroethane

Concen: 19.635 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

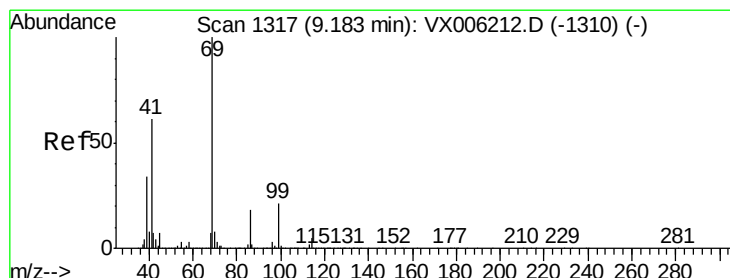
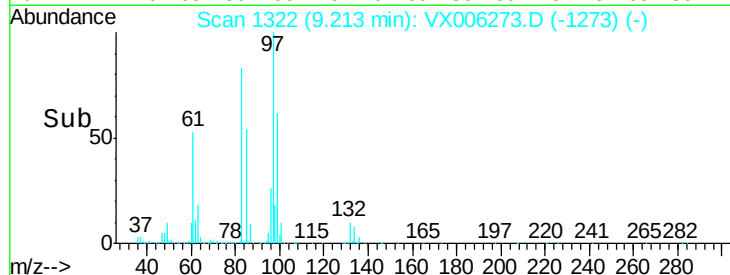
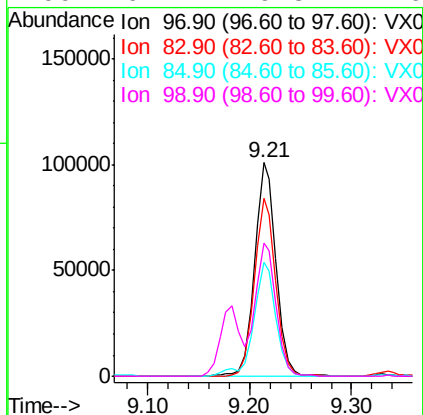
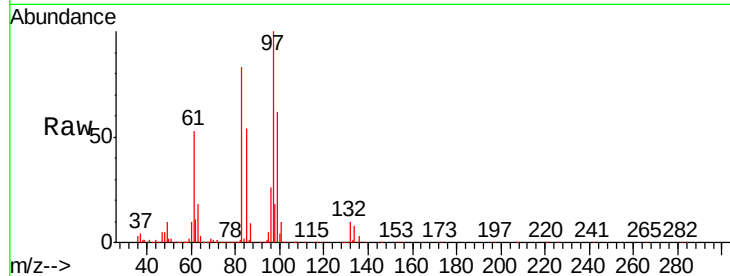
ClientSampleId :

VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 83.0  | 67.1  | 100.7 |
| 85      | 53.5  | 43.2  | 64.8  |
| 99      | 62.4  | 49.8  | 74.6  |

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12/5/2018 10:11:27 AM



#56

Ethyl methacrylate

Concen: 18.733 ug/l

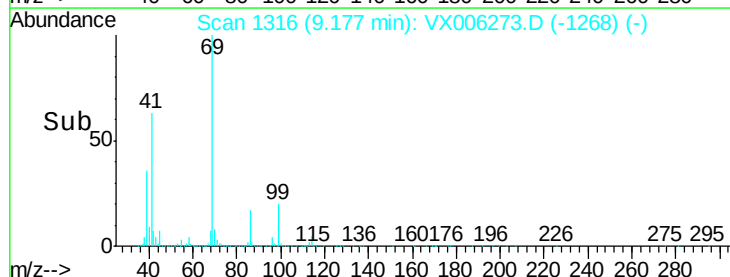
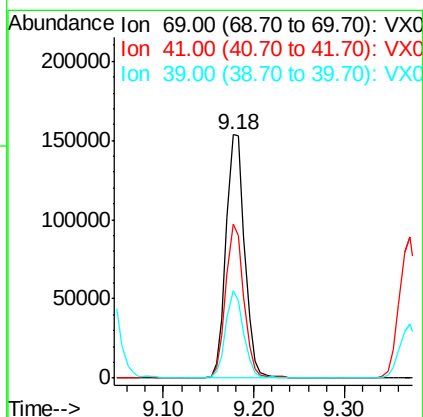
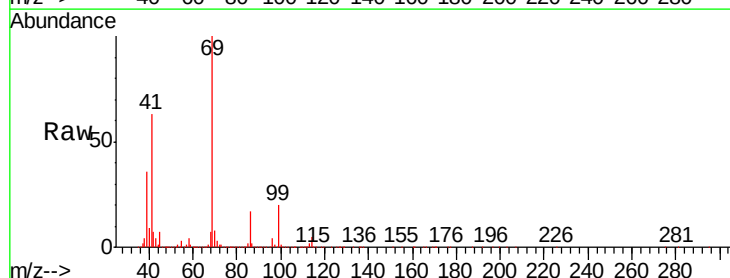
RT: 9.18 min Scan# 1316

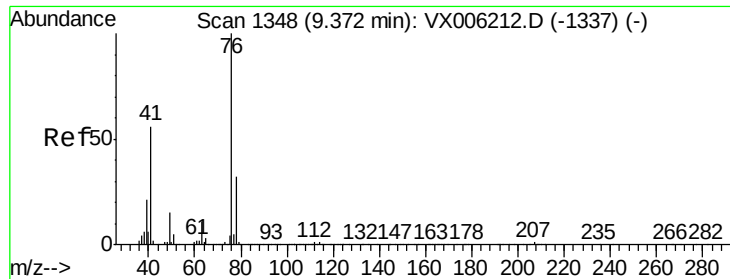
Delta R.T. -0.01 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 61.2  | 50.6  | 76.0  |
| 39      | 34.0  | 27.6  | 41.4  |





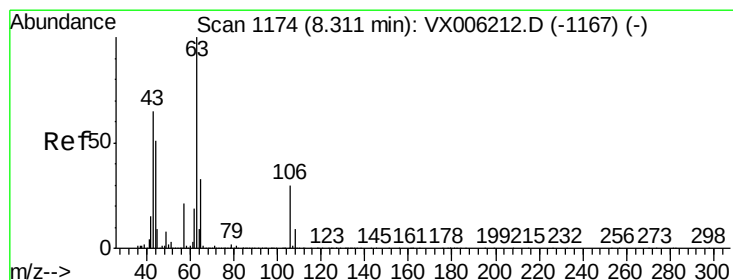
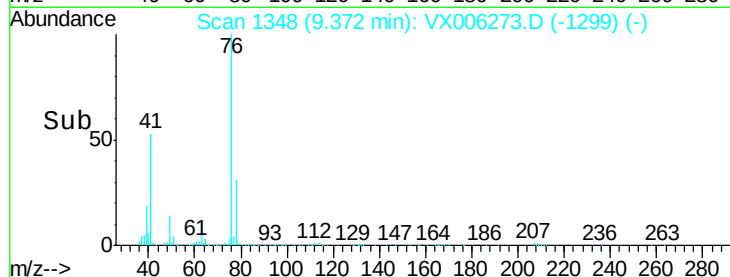
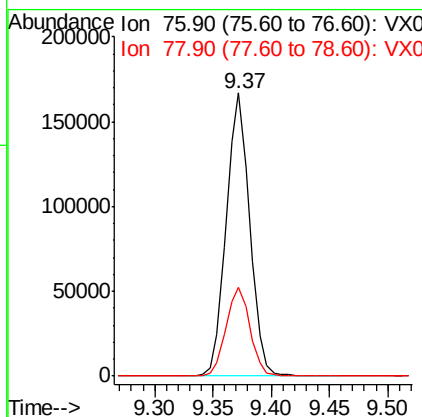
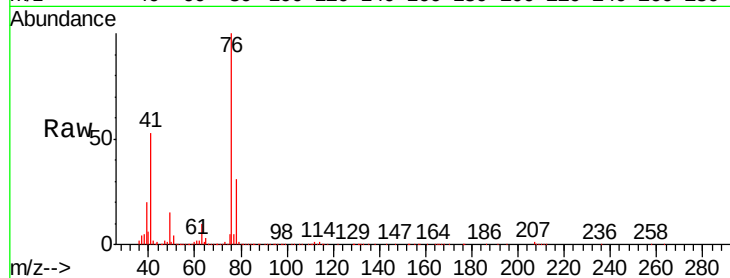
#57  
 1,3-Dichloropropane  
 Concen: 19.569 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.1  | 26.1  | 39.1  |

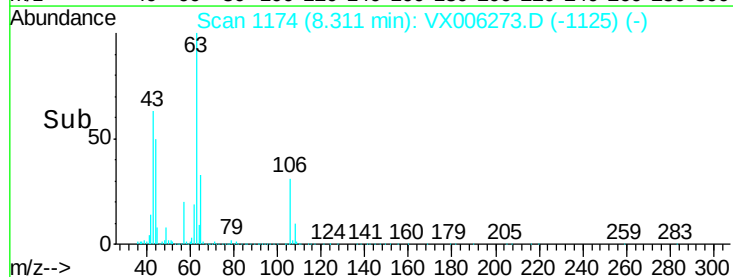
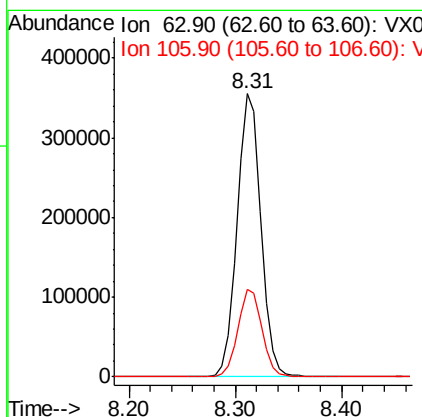
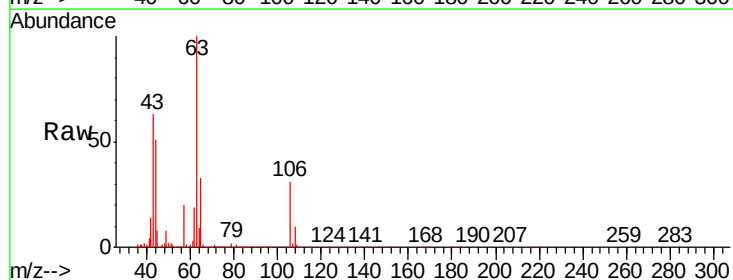
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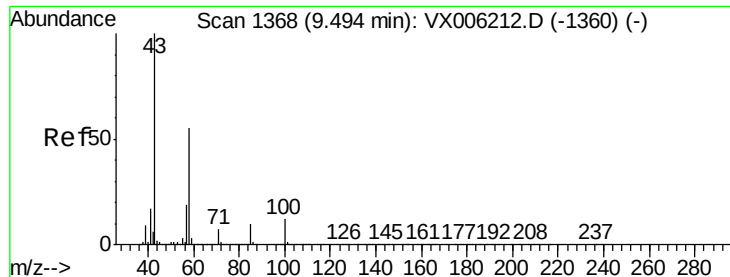
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 12/5/2018 10:11:27 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 93.270 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 31.4  | 24.9  | 37.3  |





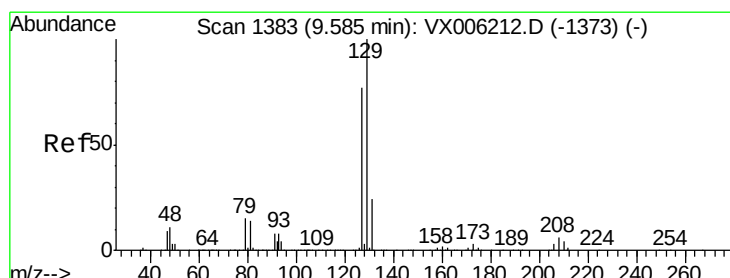
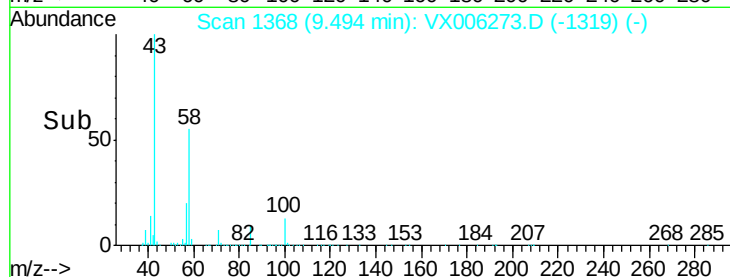
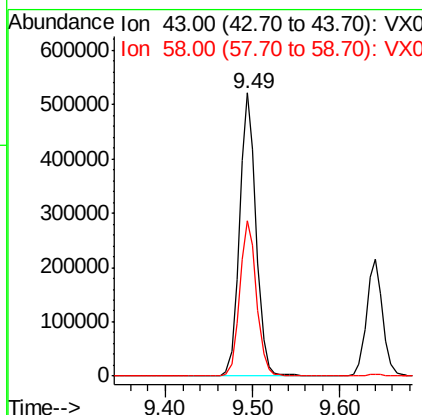
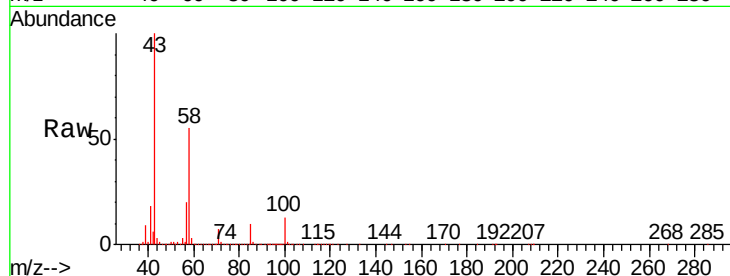
#59  
2-Hexanone  
Concen: 88.216 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampled :  
VX1204MBS01

Tgt Ion: 43 Resp: 689981  
Ion Ratio Lower Upper  
43 100  
58 55.8 27.7 83.1

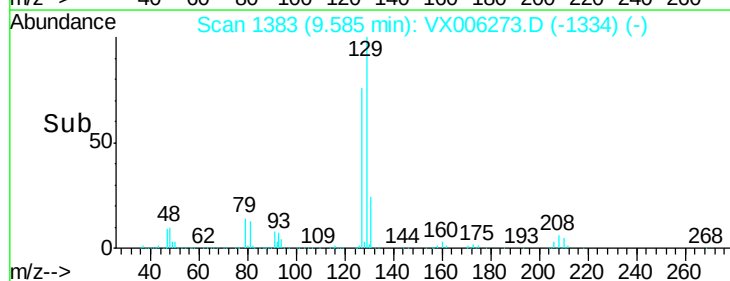
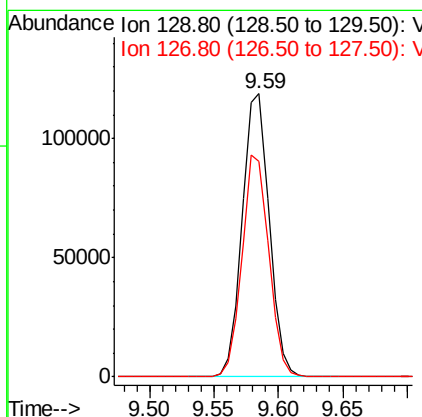
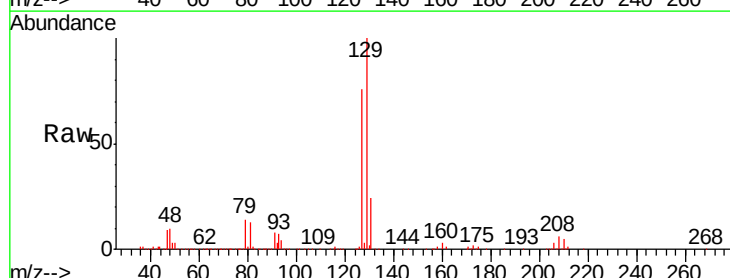
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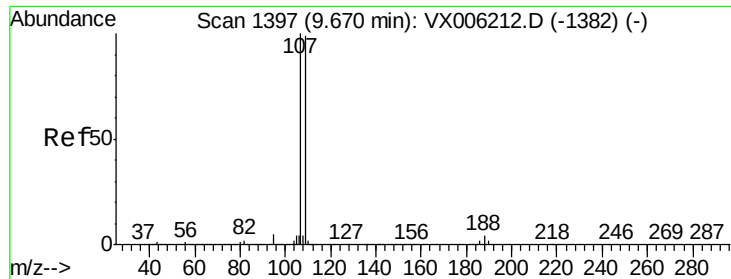
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#60  
Dibromochloromethane  
Concen: 18.444 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Tgt Ion: 129 Resp: 171477  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.6 115.8





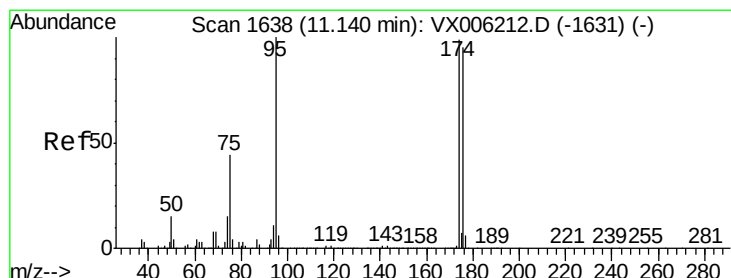
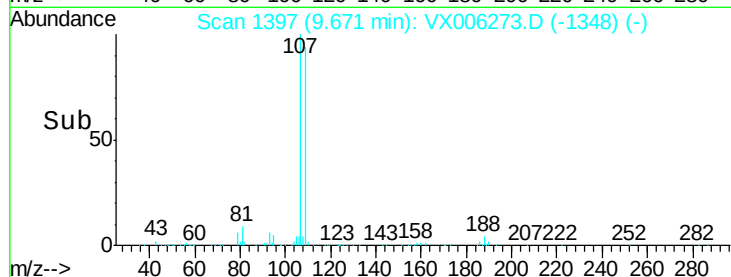
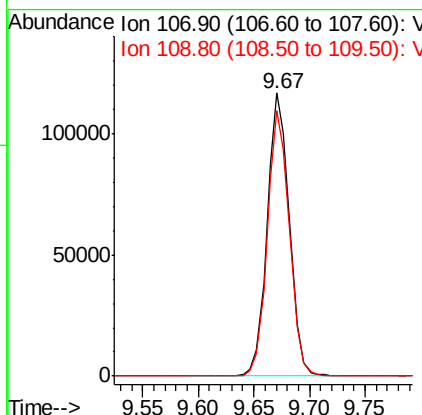
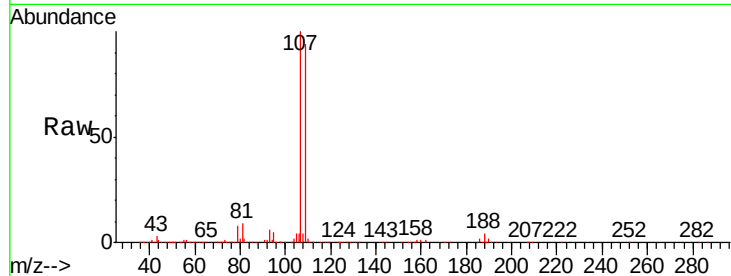
#61  
 1,2-Dibromoethane  
 Concen: 19.295 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.0  | 76.3  | 114.5 |

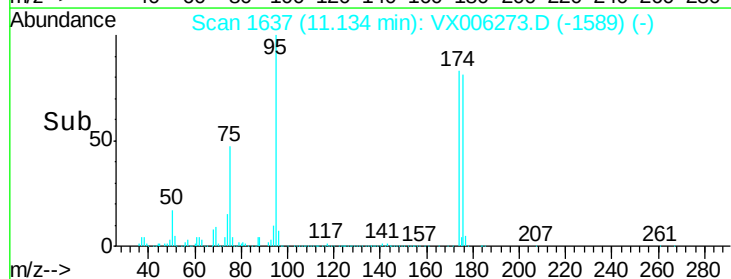
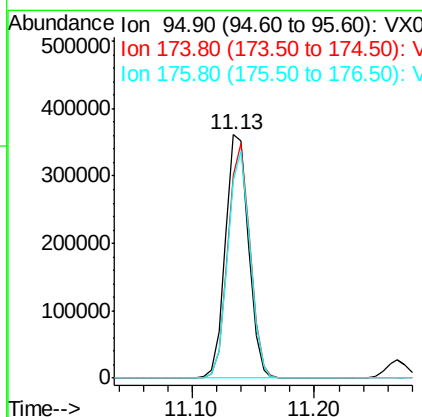
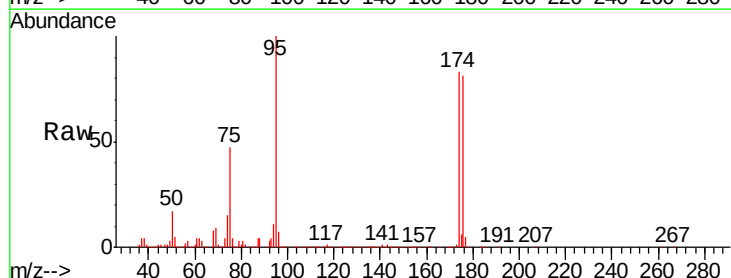
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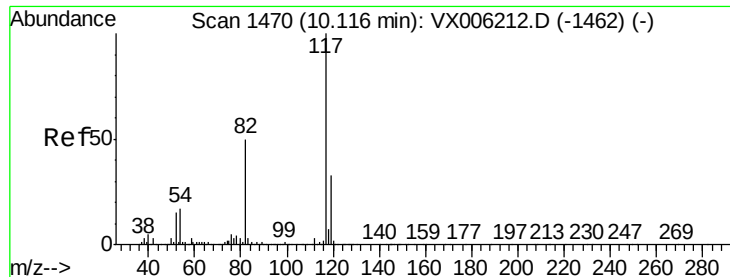
MMDadoda  
 12/5/2018 10:11:27 AM



#62  
 4-Bromofluorobenzene  
 Concen: 47.284 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.01 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 92.0  | 0.0   | 187.0 |
| 176     | 89.4  | 0.0   | 181.8 |





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

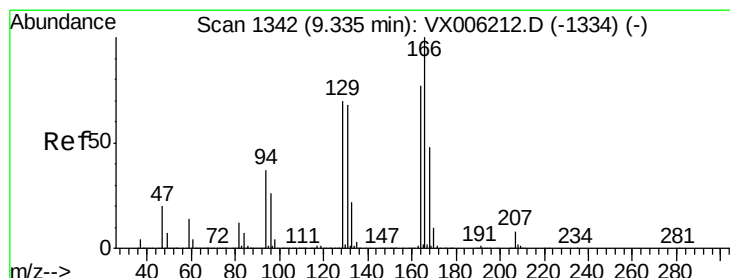
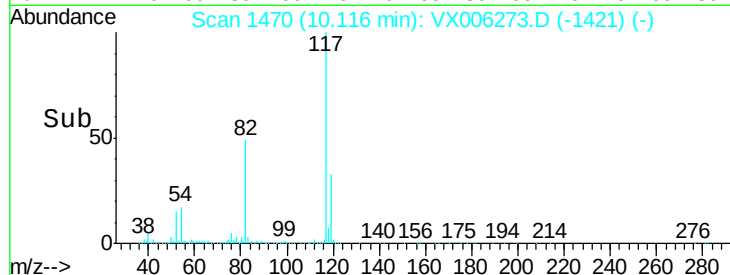
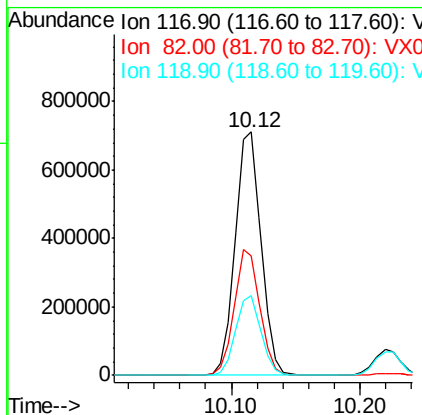
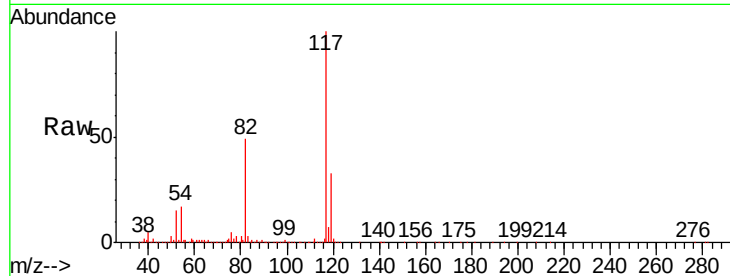
ClientSampleId :

VX1204MBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 117  | Resp: | 995070 |
| Ion Ratio |      | Lower | Upper  |
| 117       | 100  |       |        |
| 82        | 49.3 | 39.6  | 59.4   |
| 119       | 32.8 | 26.3  | 39.5   |

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12/5/2018 10:11:27 AM



#64

Tetrachloroethene

Concen: 19.930 ug/l

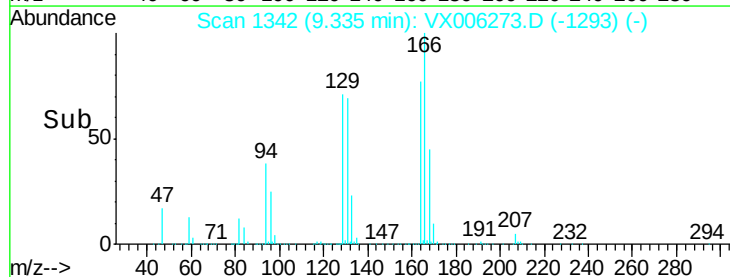
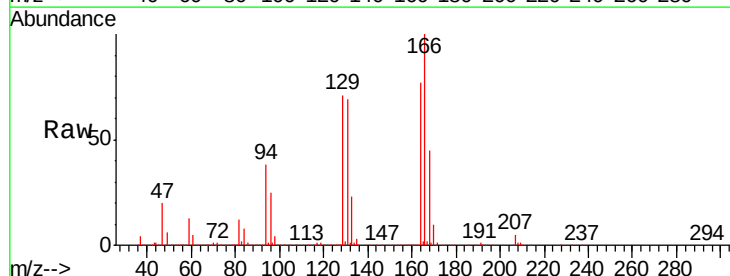
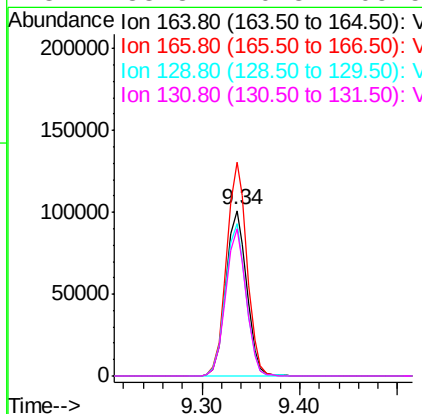
RT: 9.34 min Scan# 1342

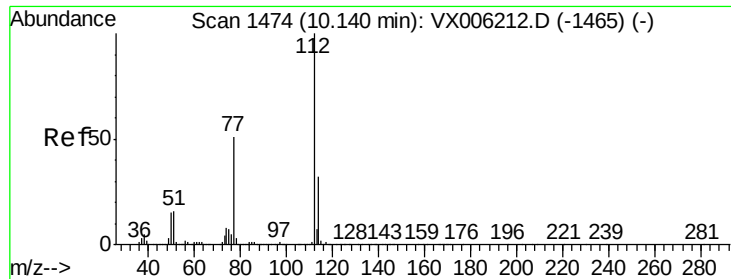
Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 149348 |
| Ion Ratio |       | Lower | Upper  |
| 164       | 100   |       |        |
| 166       | 129.1 | 104.2 | 156.2  |
| 129       | 91.7  | 72.6  | 108.8  |
| 131       | 88.8  | 70.3  | 105.5  |





#65

Chlorobenzene

Concen: 19.561 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

ClientSampleId :

VX1204MBS01

Tgt Ion:112 Resp: 413194

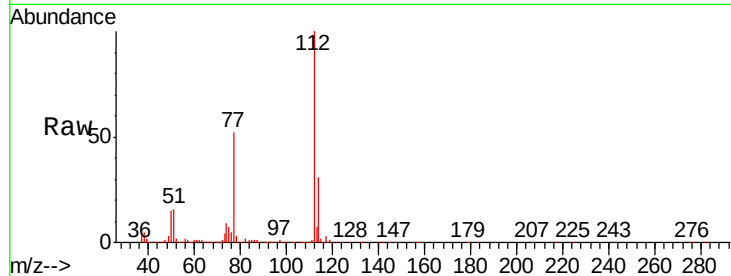
Ion Ratio Lower Upper

112 100

114 31.5 25.4 38.2

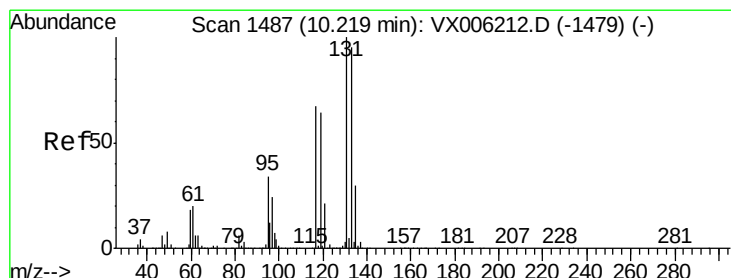
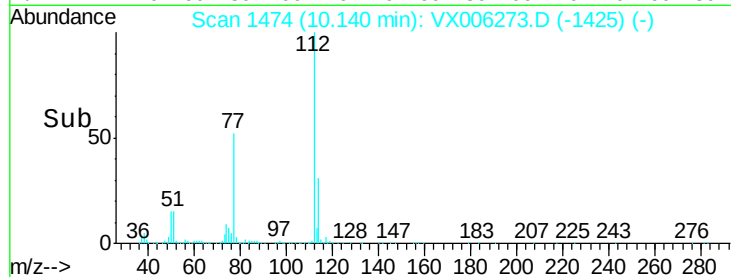
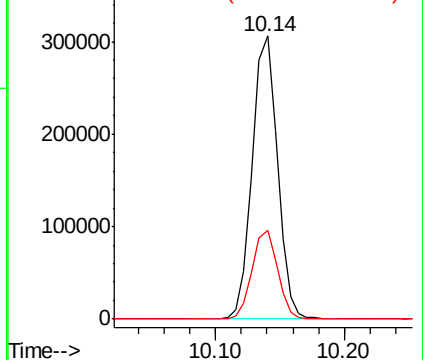
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.538 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

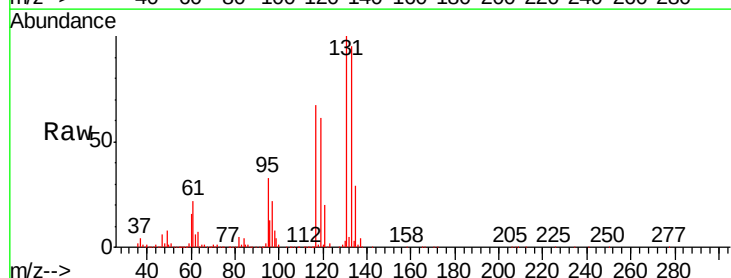
Tgt Ion:131 Resp: 160353

Ion Ratio Lower Upper

131 100

133 96.4 48.1 144.4

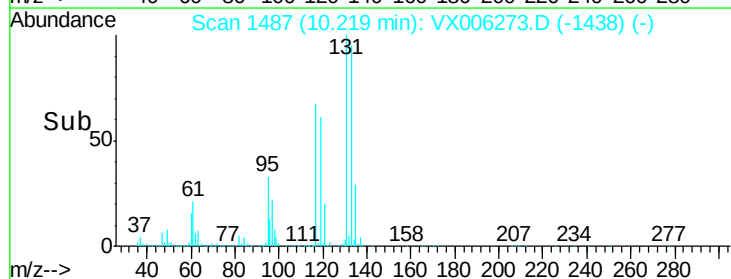
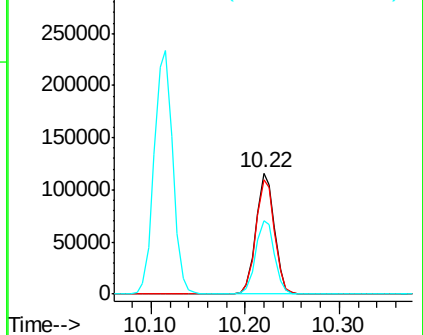
119 62.6 32.1 96.3

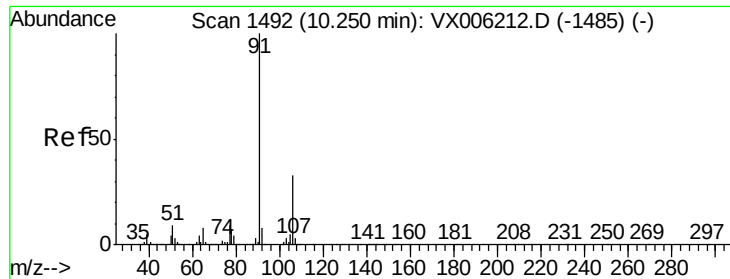


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.335 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

ClientSampled :

VX1204MBS01

Tgt Ion: 91 Resp: 679281

Ion Ratio Lower Upper

91 100

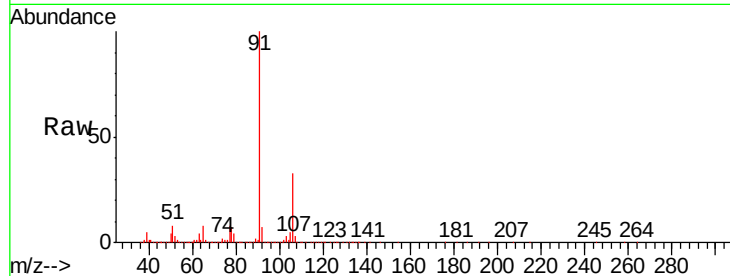
106 32.6 26.5 39.7

Manual Integrations

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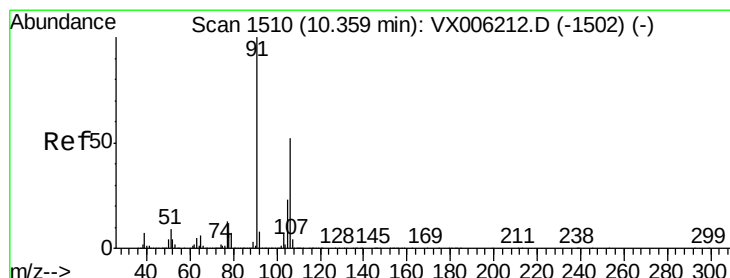
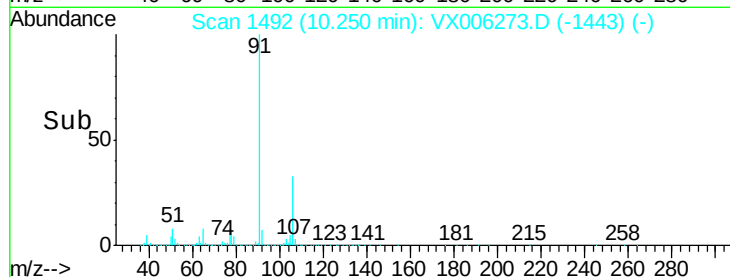
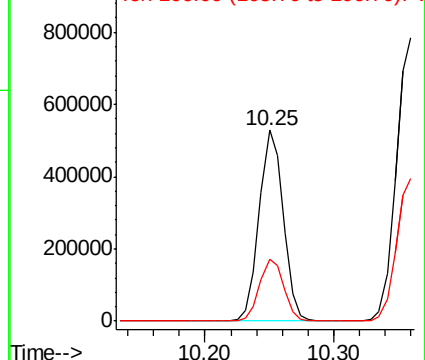
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.934 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006273.D

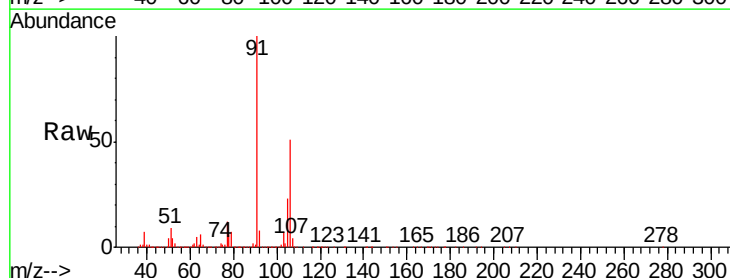
Acq: 04 Dec 2018 12:55

Tgt Ion: 106 Resp: 533841

Ion Ratio Lower Upper

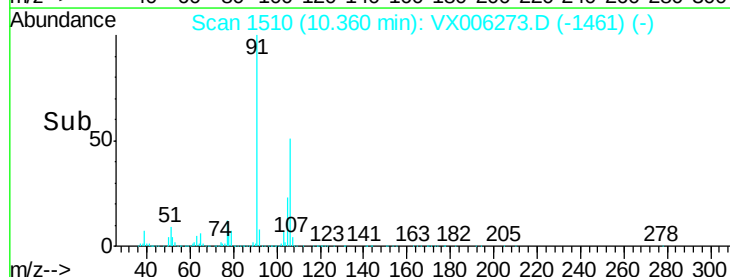
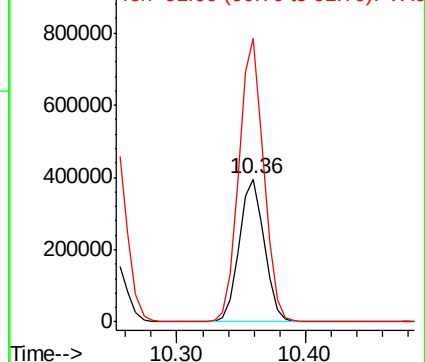
106 100

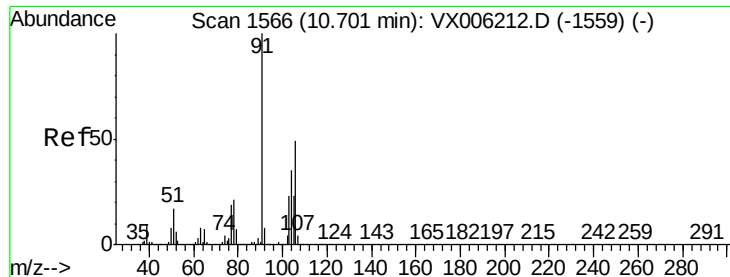
91 196.0 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





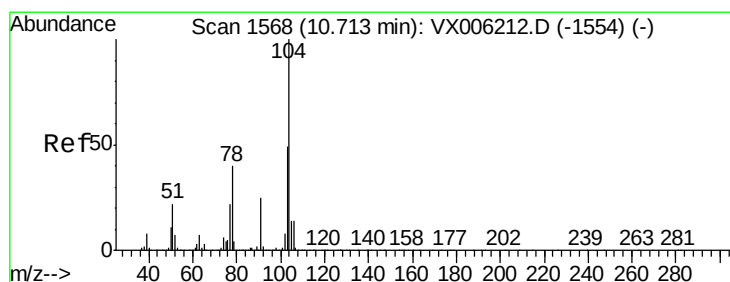
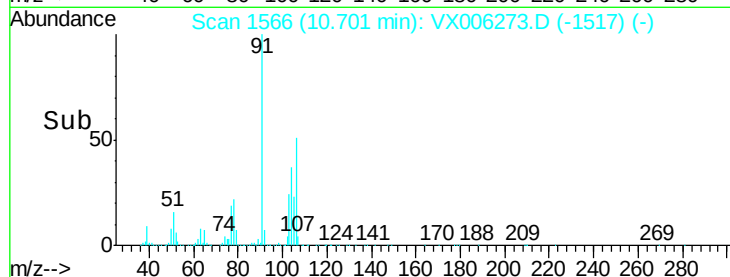
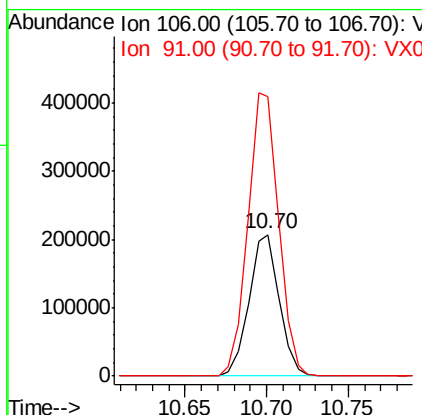
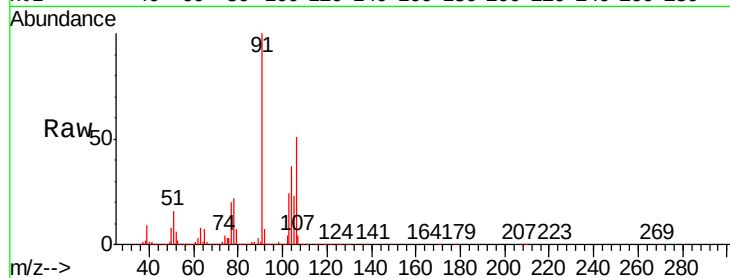
#69  
o-Xylene  
Concen: 19.185 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

Tgt Ion:106 Resp: 266682  
Ion Ratio Lower Upper  
106 100  
91 205.0 101.8 305.6

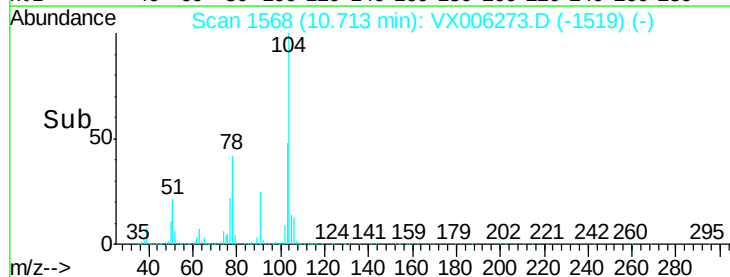
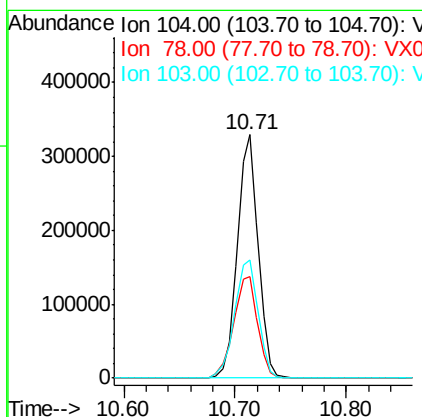
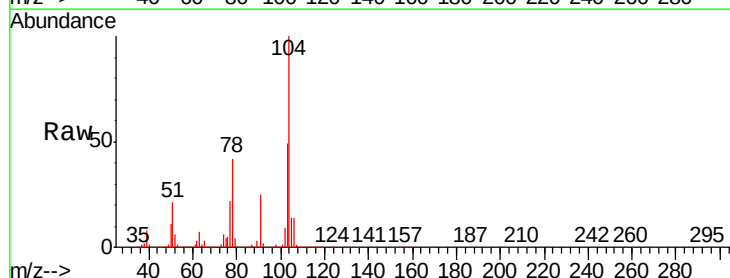
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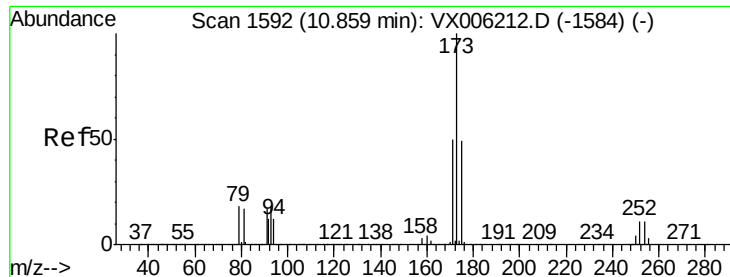


#70  
Styrene  
Concen: 18.938 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Tgt Ion:104 Resp: 425779  
Ion Ratio Lower Upper  
104 100  
78 47.9 37.2 55.8  
103 55.3 43.5 65.3







#71

Bromoform

Concen: 17.707 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

ClientSampleId :

VX1204MBS01

Tgt Ion:173 Resp: 137182  
Ion Ratio Lower Upper

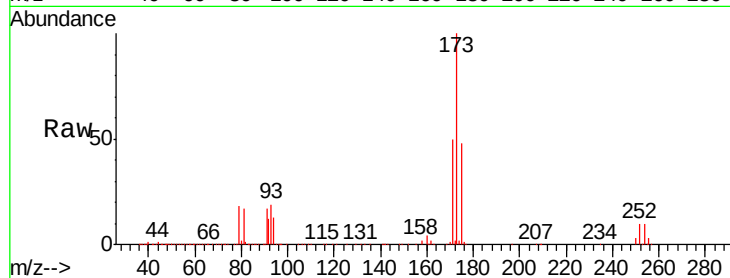
173 100

175 48.0 24.6 73.8

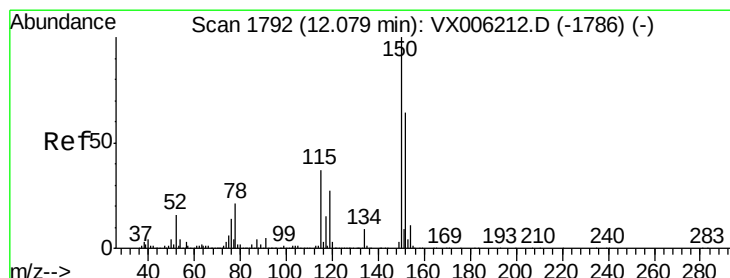
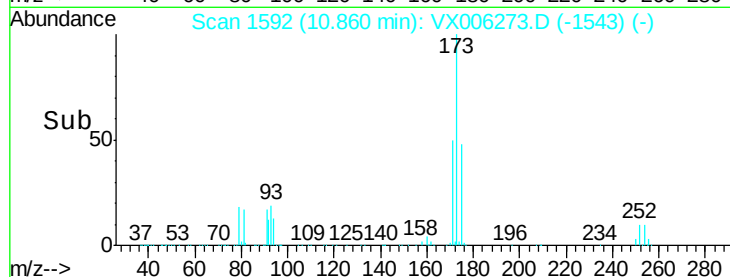
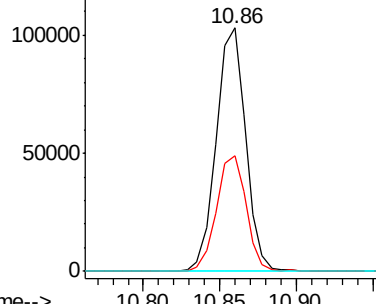
254 0.1 0.2 0.2#

Manual Integrations  
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12/5/2018 10:11:27 AM



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: VX006273.D

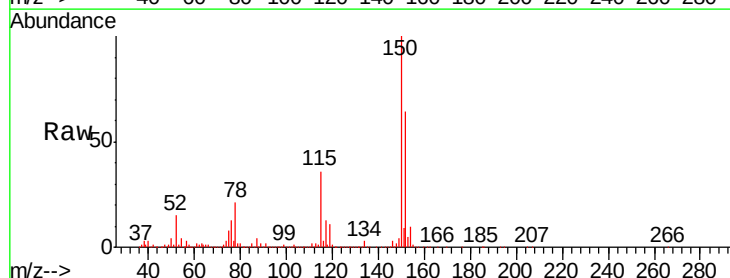
Acq: 04 Dec 2018 12:55

Tgt Ion:152 Resp: 496947  
Ion Ratio Lower Upper

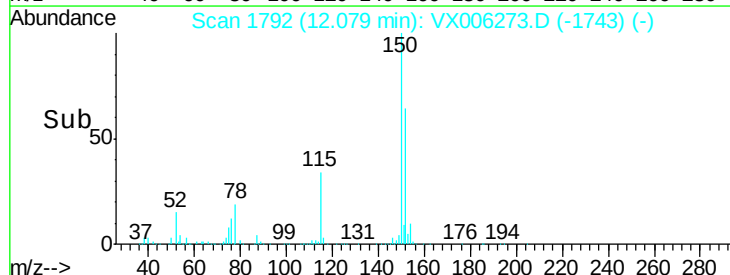
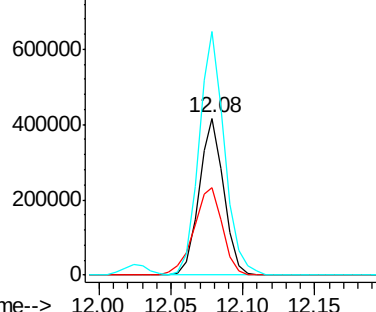
152 100

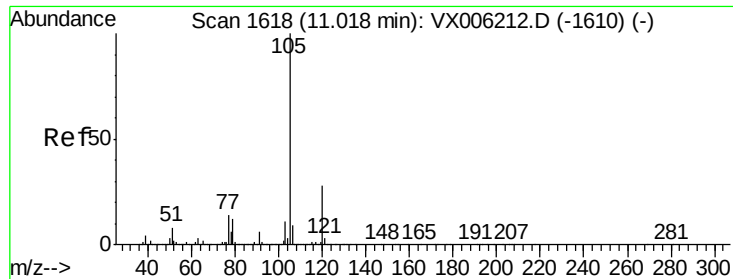
115 64.4 39.0 116.9

150 162.4 0.0 345.8



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: 20.341 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

ClientSampleId :

VX1204MBS01

Tgt Ion: 105 Resp: 698075

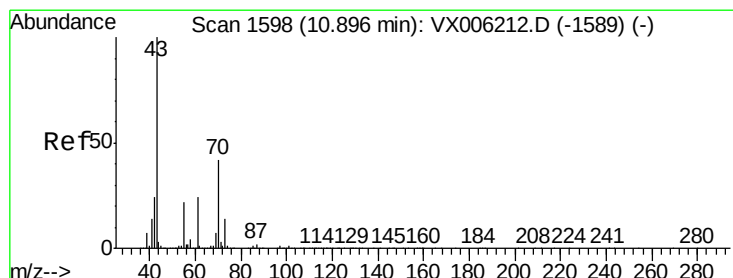
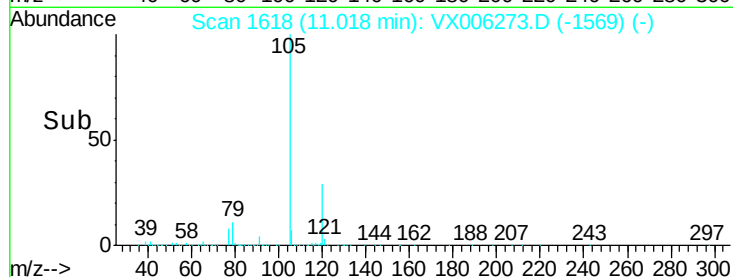
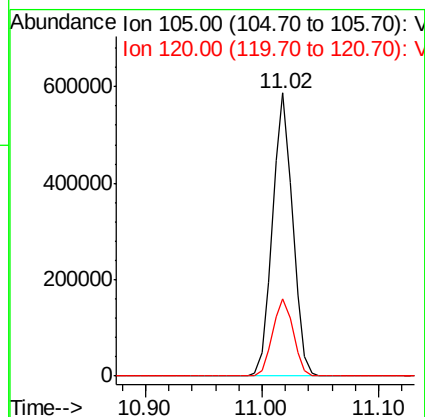
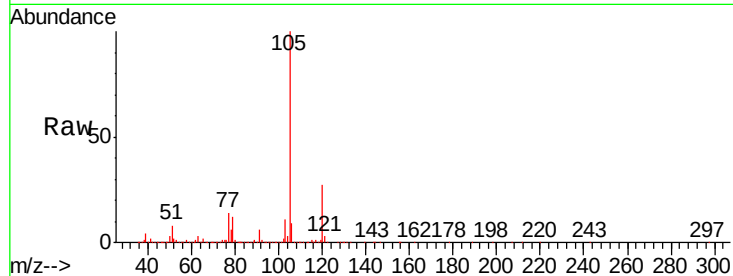
Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.3

Manual Integrations  
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MMDadoda  
12/5/2018 10:11:27 AM



#74

N-ethyl acetate

Concen: 18.981 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Tgt Ion: 43 Resp: 280506

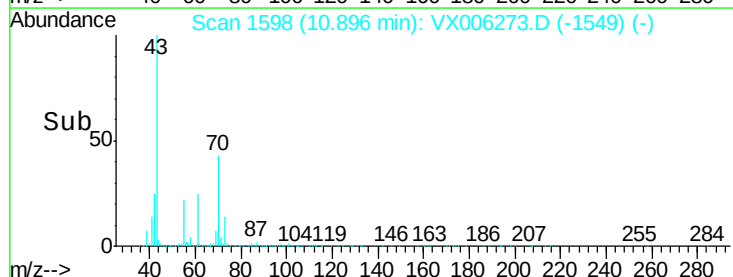
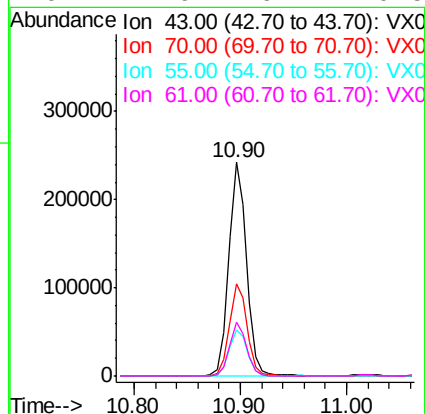
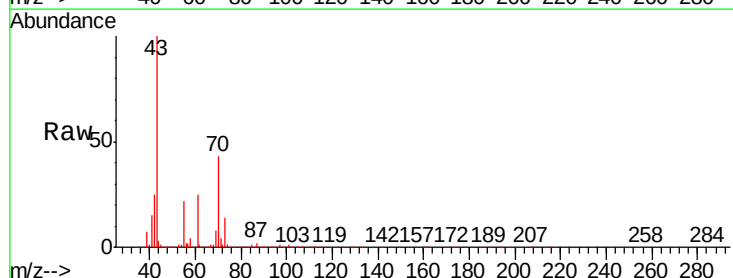
Ion Ratio Lower Upper

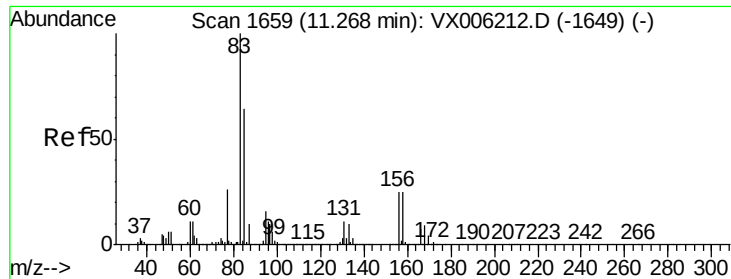
43 100

70 43.3 34.1 51.1

55 22.5 17.8 26.8

61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.087 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

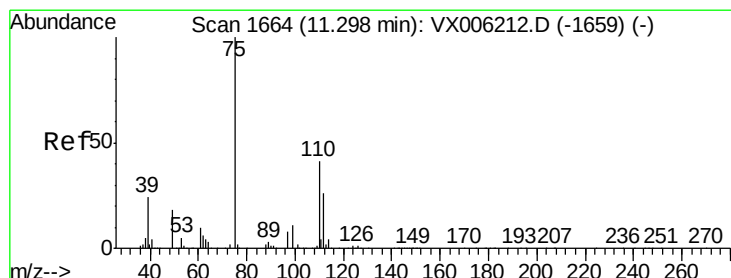
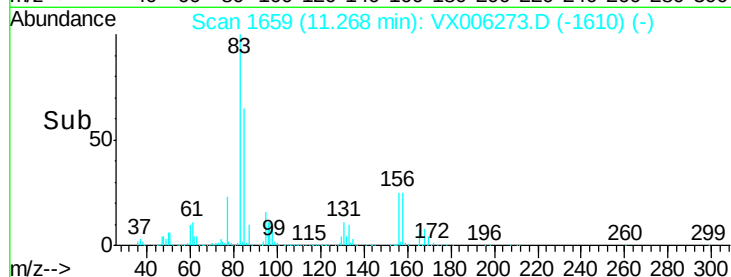
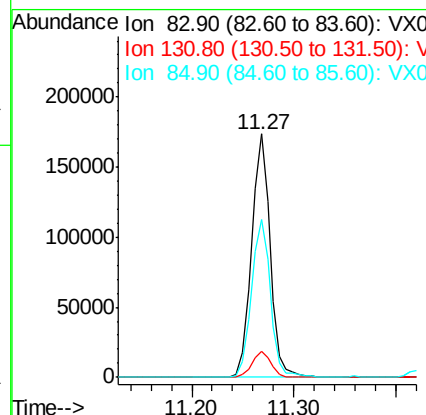
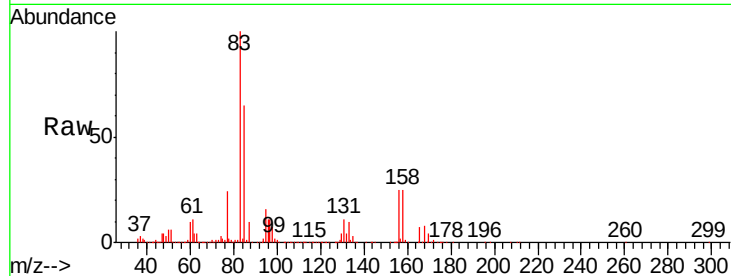
ClientSampleId :

VX1204MBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 220543 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.1  | 5.7   | 17.1   |
| 85        | 65.8  | 32.1  | 96.5   |

Manual Integrations  
APPROVED

MMDadoda  
12/5/2018 10:11:27 AM



#76

1,2,3-Trichloropropane

Concen: 22.046 ug/l m

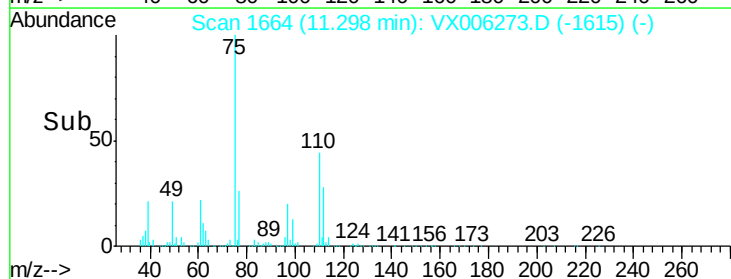
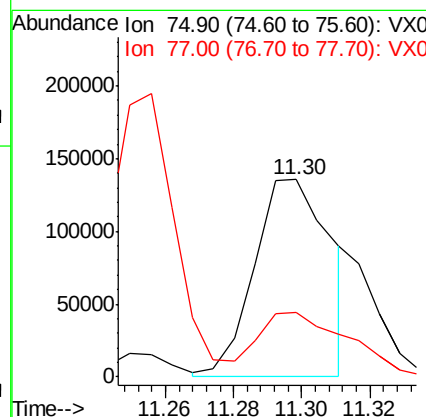
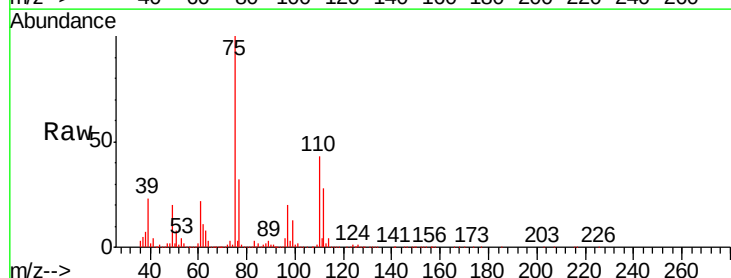
RT: 11.30 min Scan# 1664

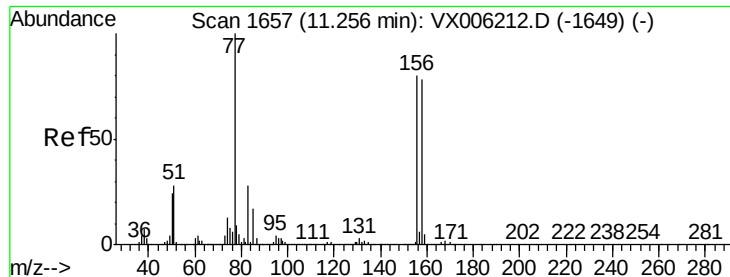
Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 211462 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 38.1  | 19.9  | 59.7   |





#77

Bromobenzene

Concen: 19.981 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

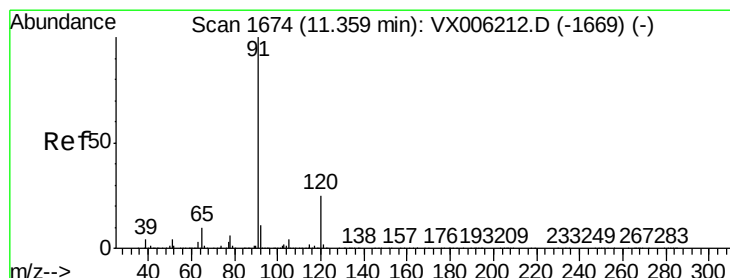
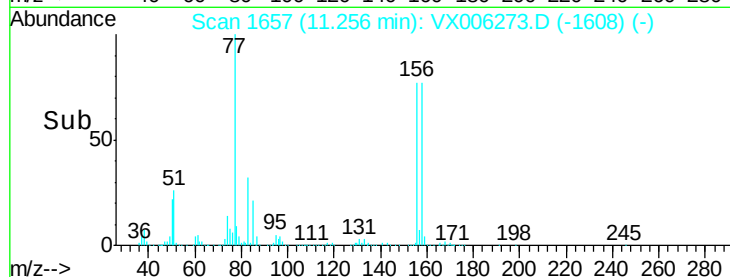
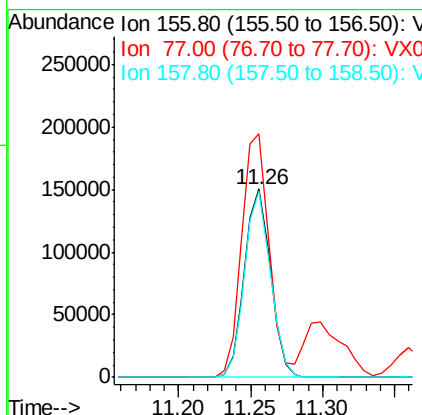
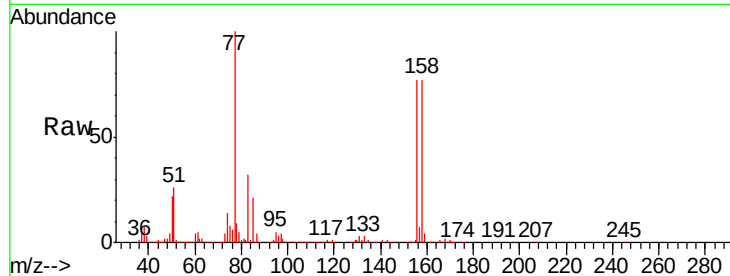
ClientSampleId :

VX1204MBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 156   | Resp: | 190297 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 135.4 | 66.2  | 198.6  |
| 158       | 98.1  | 48.8  | 146.4  |

Manual Integrations  
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12/5/2018 10:11:27 AM



#78

n-propylbenzene

Concen: 20.032 ug/l

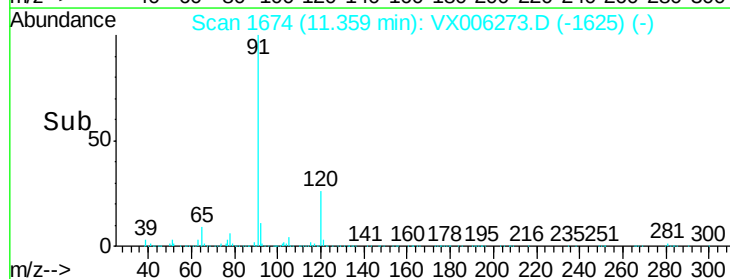
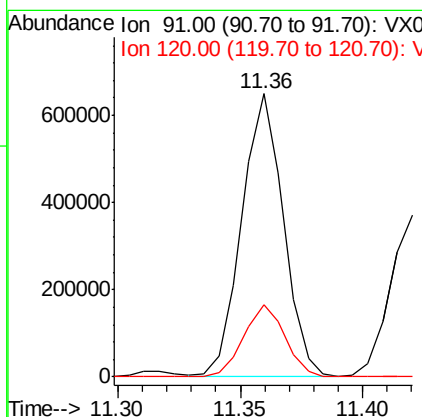
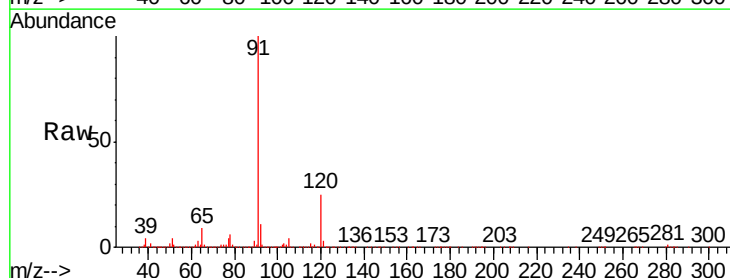
RT: 11.36 min Scan# 1674

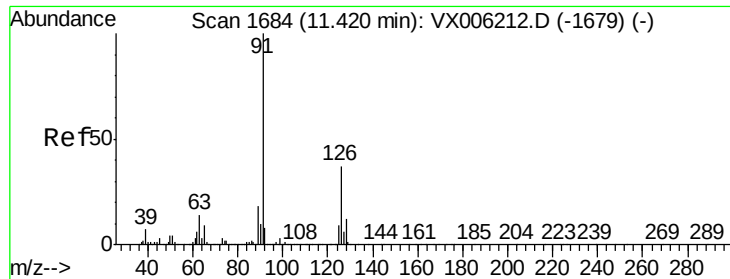
Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 764186 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 25.3  | 12.7  | 38.0   |





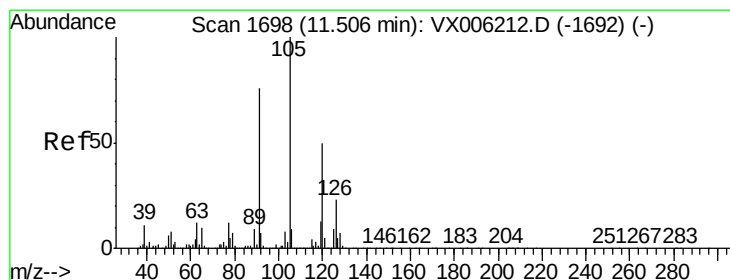
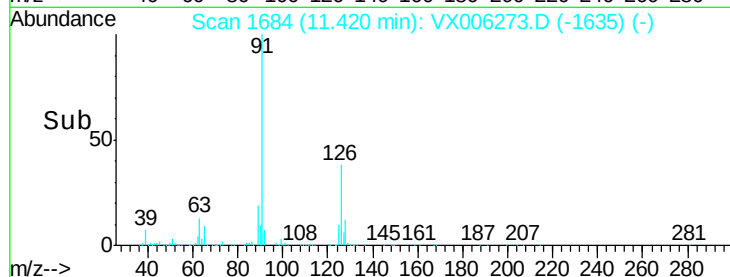
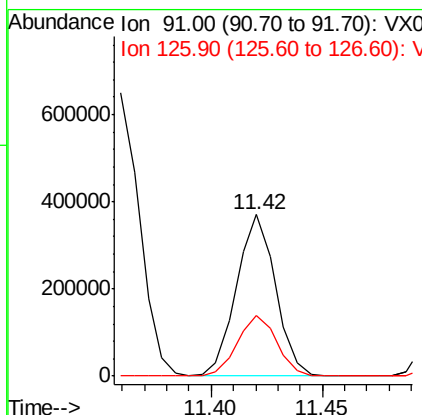
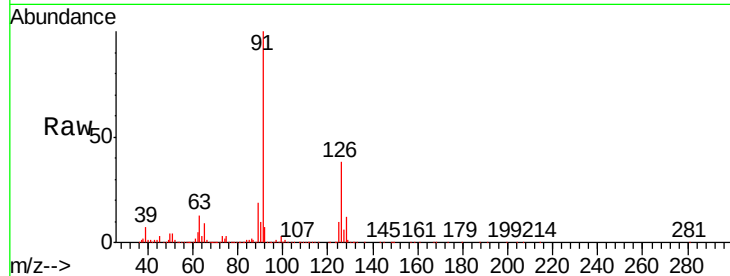
#79  
 2-Chlorotoluene  
 Concen: 19.932 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1204MBS01

Tgt Ion: 91 Resp: 451937  
 Ion Ratio Lower Upper  
 91 100  
 126 38.2 18.6 56.0

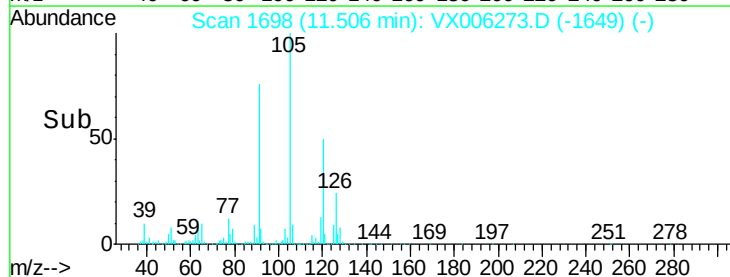
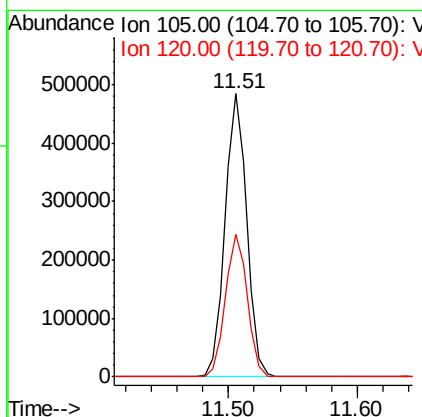
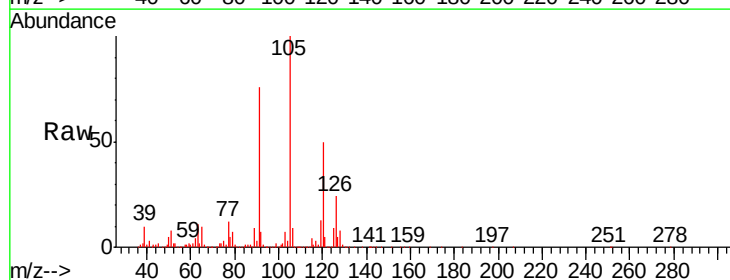
Manual Integrations  
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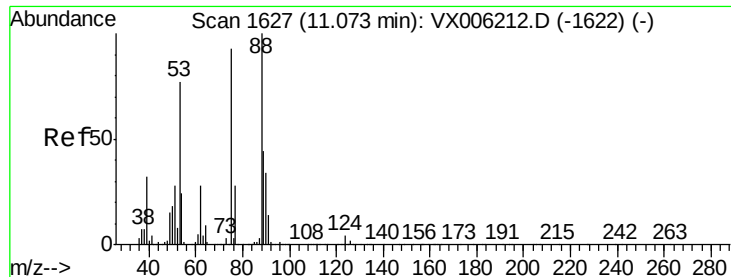
MMDadoda  
 12/5/2018 10:11:27 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.123 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

Tgt Ion: 105 Resp: 574578  
 Ion Ratio Lower Upper  
 105 100  
 120 50.8 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.369 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

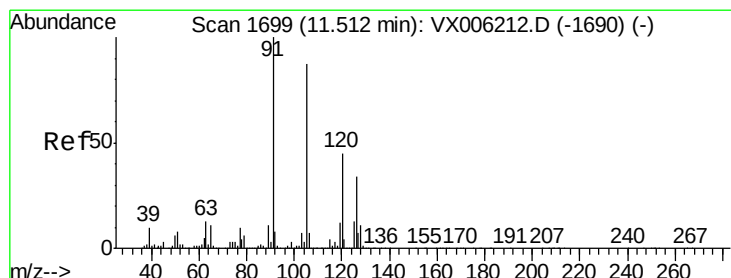
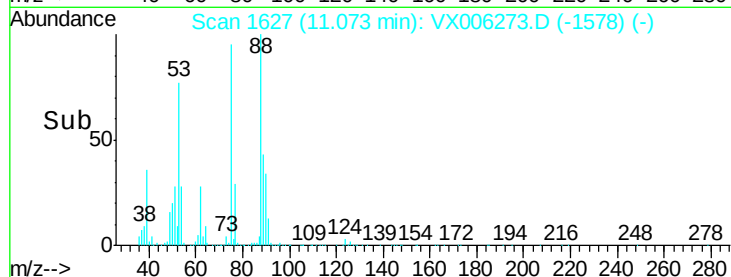
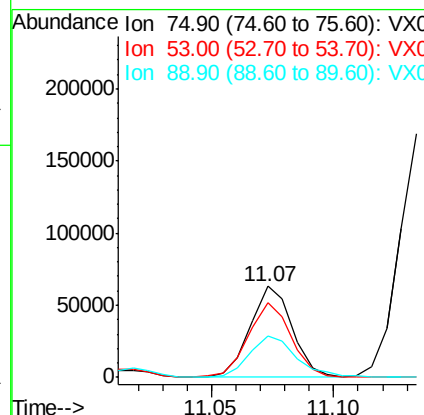
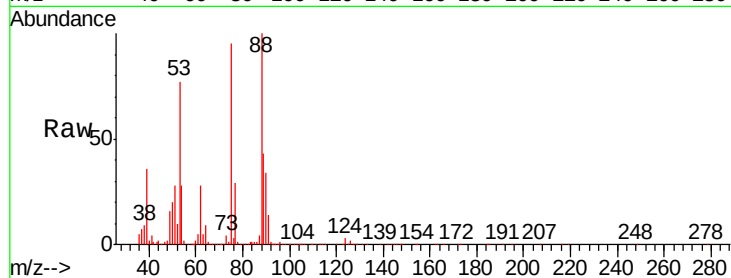
ClientSampleId :

VX1204MBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 75082 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 82.8  | 64.4  | 96.6  |
| 89        | 51.7  | 44.2  | 66.4  |

Manual Integrations  
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MMDadoda  
12/5/2018 10:11:27 AM



#82

4-Chlorotoluene

Concen: 19.747 ug/l

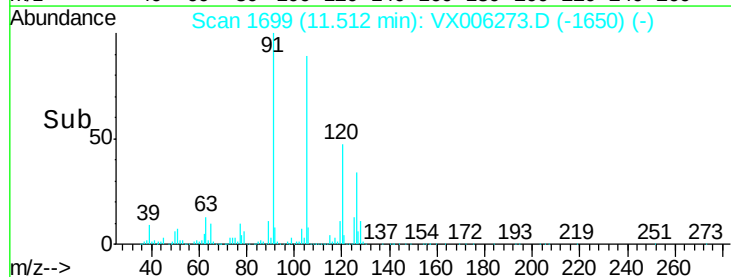
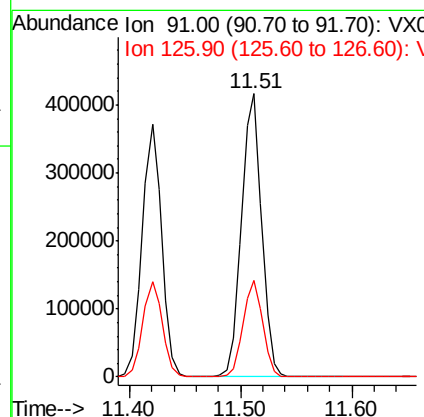
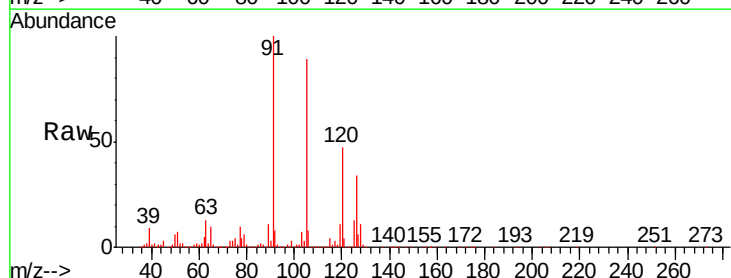
RT: 11.51 min Scan# 1699

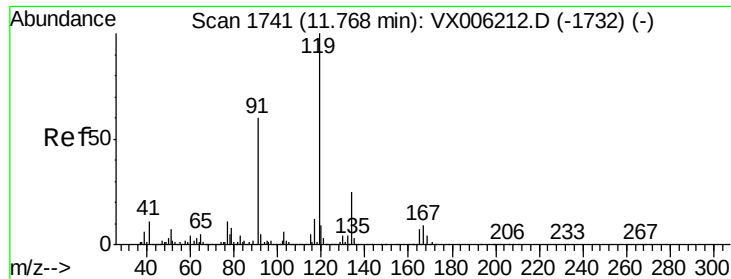
Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 520574 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 33.1  | 16.4  | 49.4   |





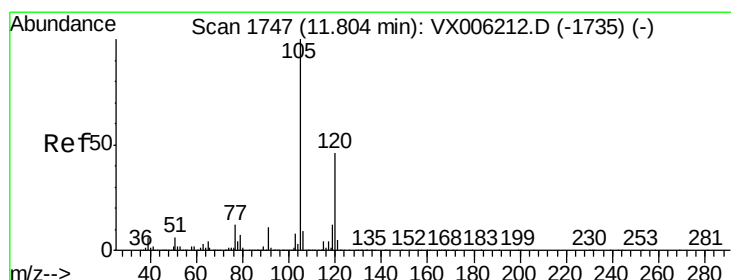
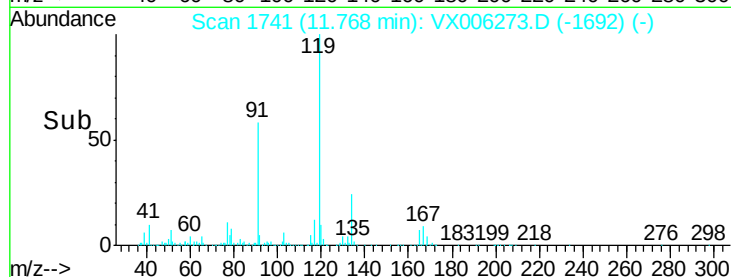
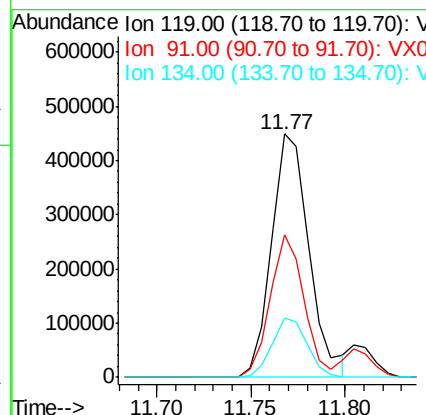
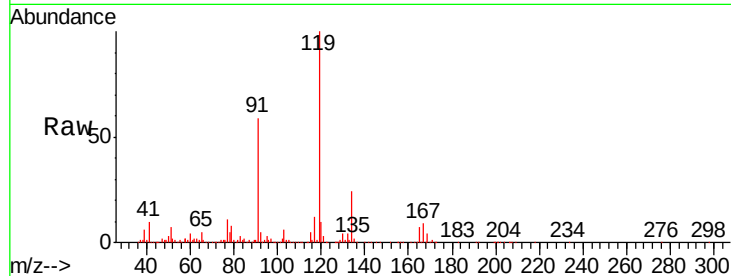
#83  
 tert-Butylbenzene  
 Concen: 20.350 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1204MBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 619971 |       |       |
| 91      | 52.6  | 26.4   | 79.2  |       |
| 134     | 23.0  | 11.6   | 34.7  |       |

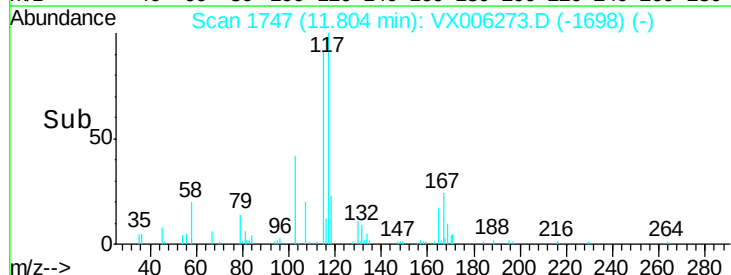
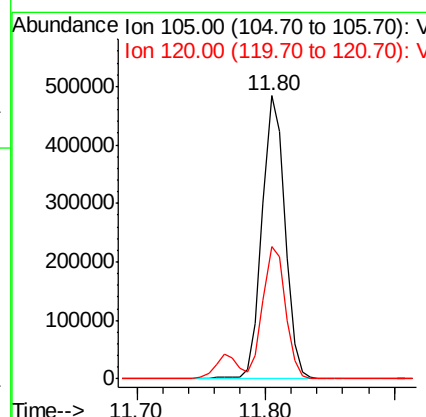
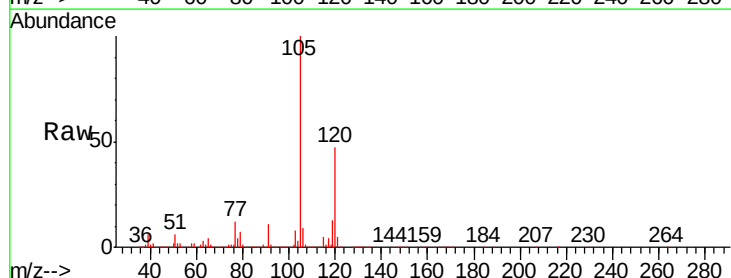
Manual Integrations  
 APPROVED

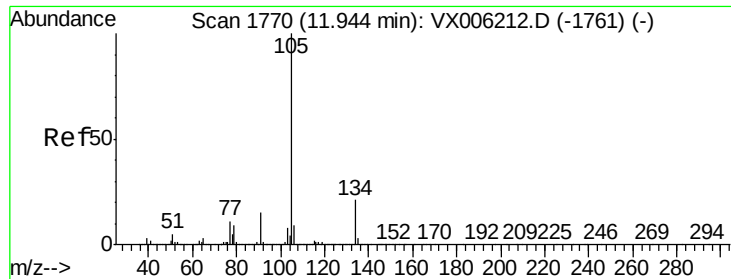
MMDadoda  
 12/5/2018 10:11:27 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.003 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 589782 |       |       |
| 120     | 46.4  | 23.4   | 70.0  |       |





#85

sec-Butylbenzene

Concen: 20.216 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

Instrument :

MSVOA\_X

ClientSampleId :

VX1204MBS01

Tgt Ion:105 Resp: 700681

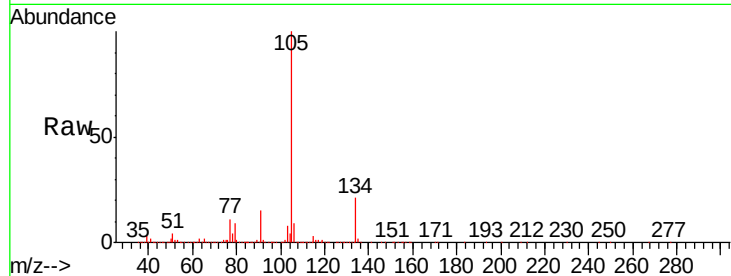
Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4

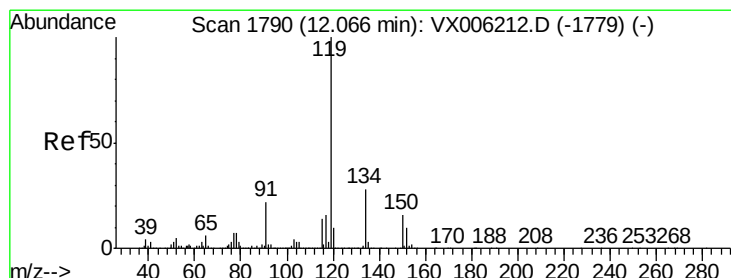
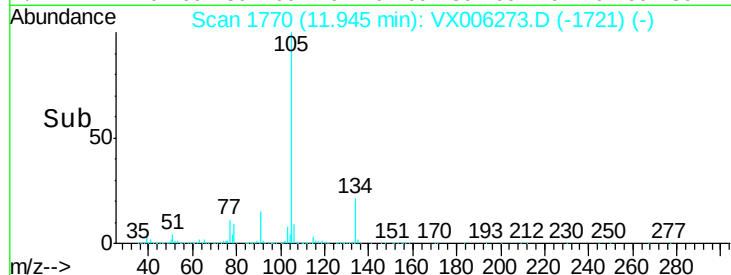
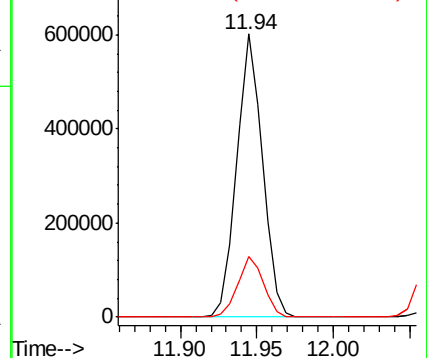
Manual Integrations  
APPROVED

MMDadoda  
12/5/2018 10:11:27 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.096 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006273.D

Acq: 04 Dec 2018 12:55

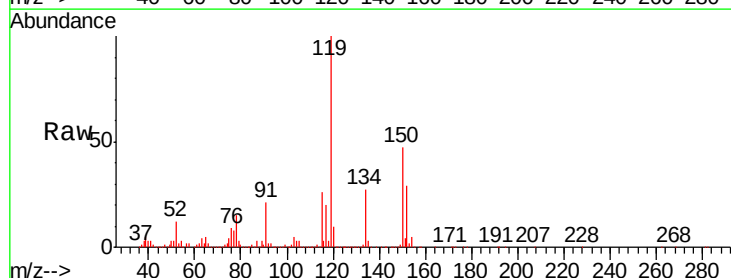
Tgt Ion:119 Resp: 627192

Ion Ratio Lower Upper

119 100

134 27.4 13.9 41.6

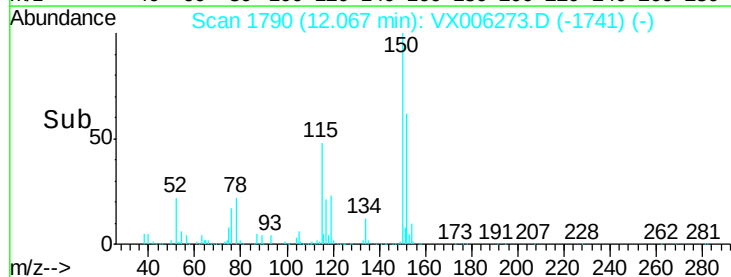
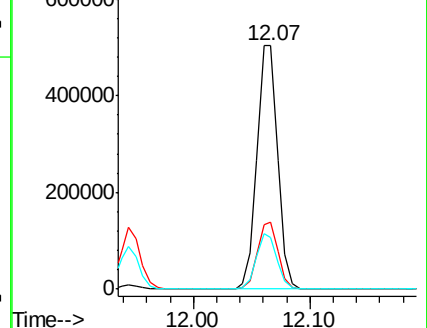
91 22.5 11.3 33.8



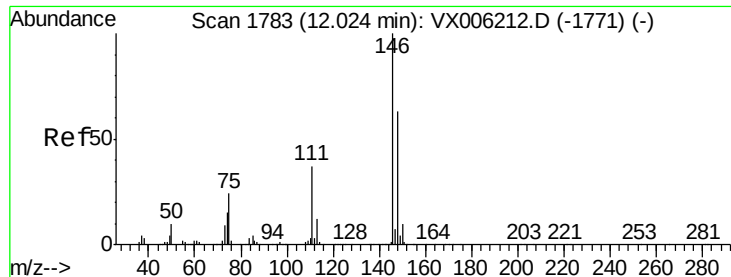
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V







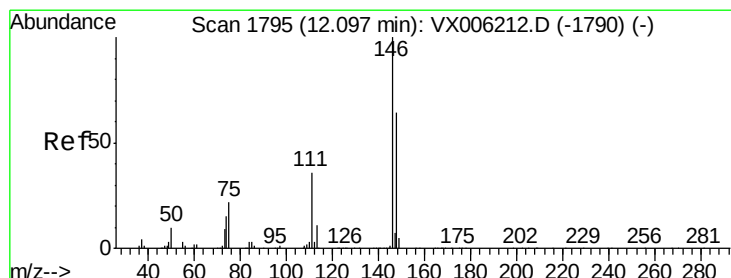
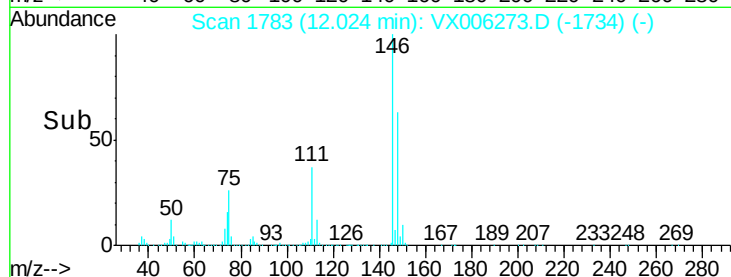
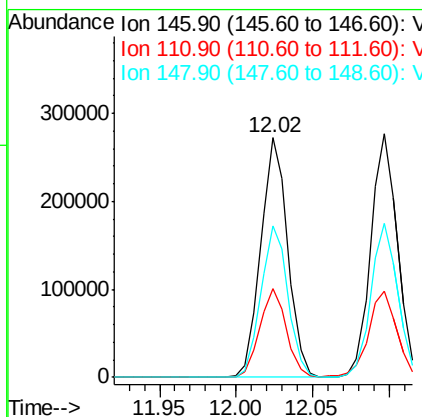
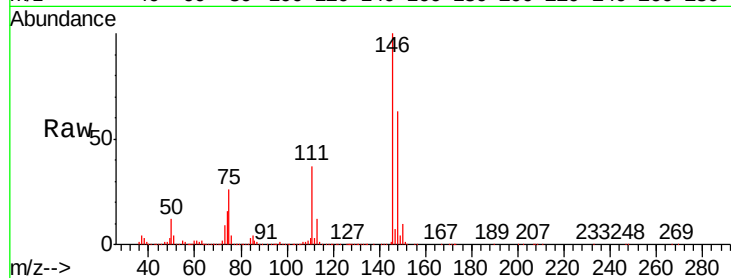
#87  
 1,3-Dichlorobenzene  
 Concen: 19.814 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1204MBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 335775 |       |       |
| 111     | 36.7  | 18.4   | 55.2  |       |
| 148     | 63.5  | 32.0   | 96.0  |       |

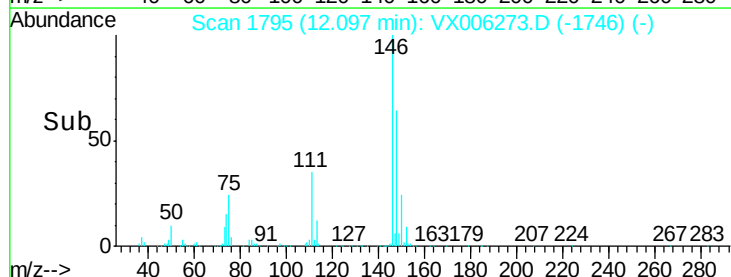
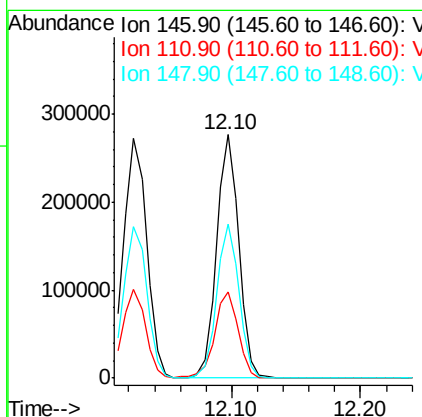
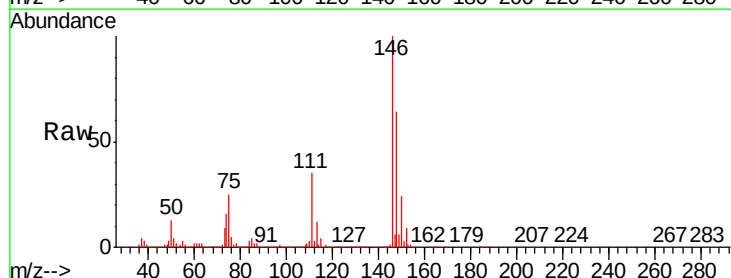
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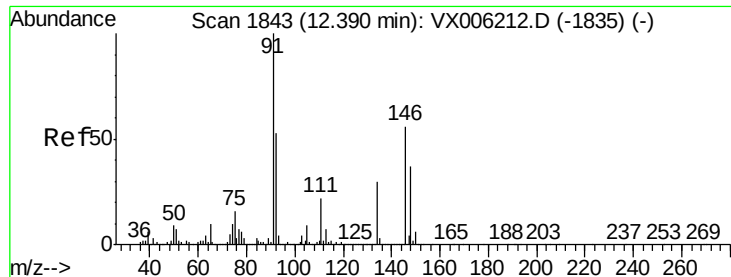
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 19.572 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 336648 |       |       |
| 111     | 37.3  | 18.3   | 54.8  |       |
| 148     | 63.9  | 31.9   | 95.9  |       |





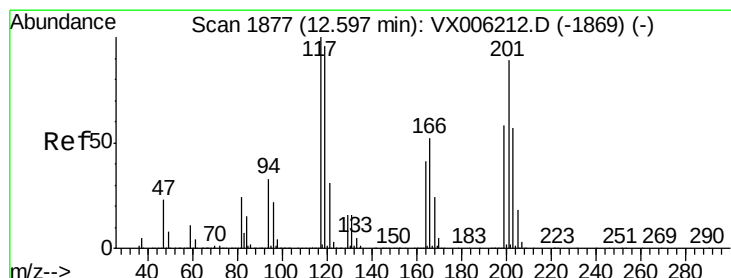
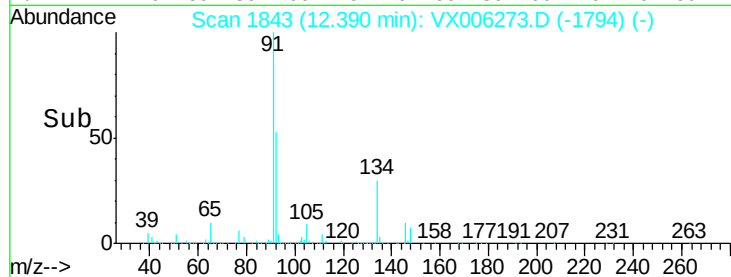
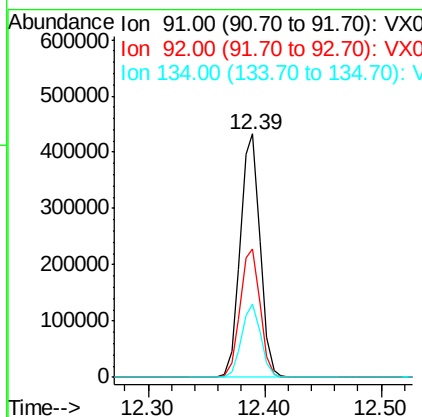
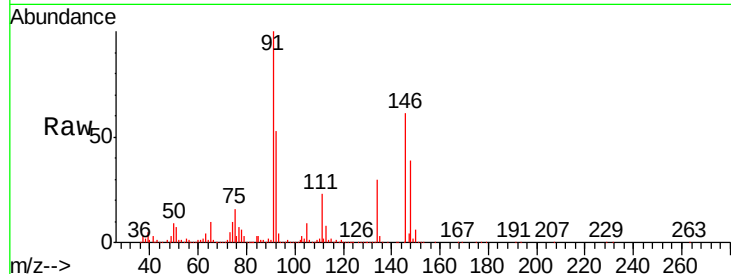
#89  
n-Butylbenzene  
Concen: 19.309 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.3  | 26.6  | 79.8  |
| 134     | 29.3  | 14.8  | 44.3  |

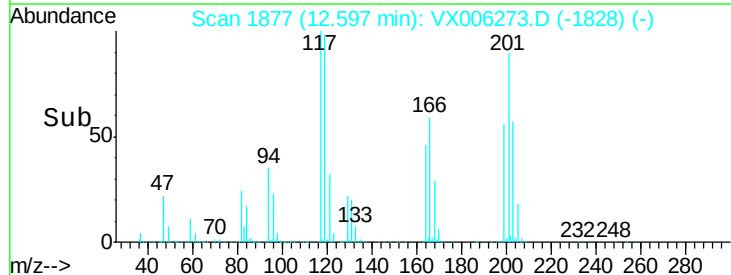
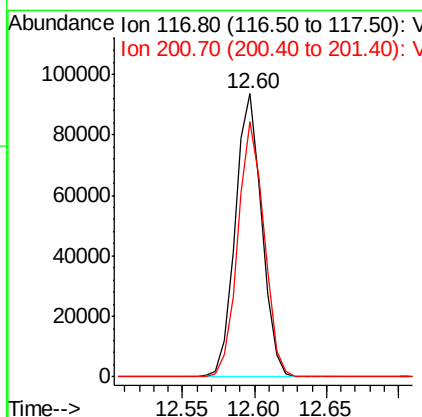
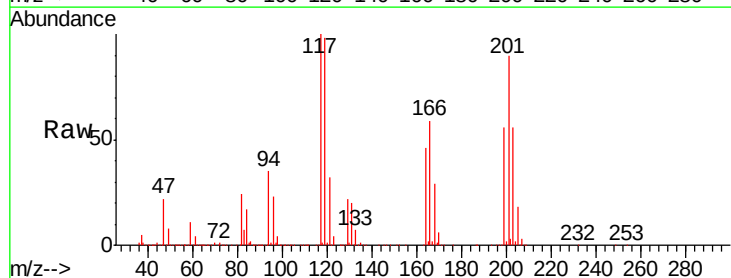
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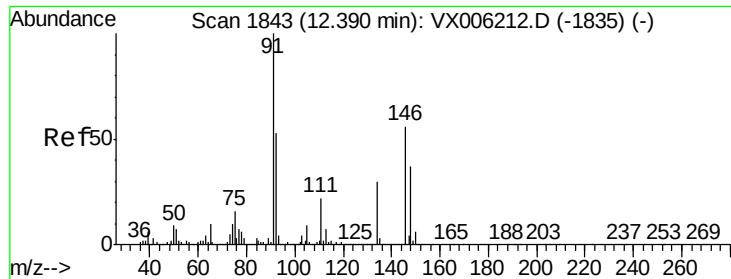
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#90  
Hexachloroethane  
Concen: 18.919 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 88.8  | 44.7  | 134.1 |





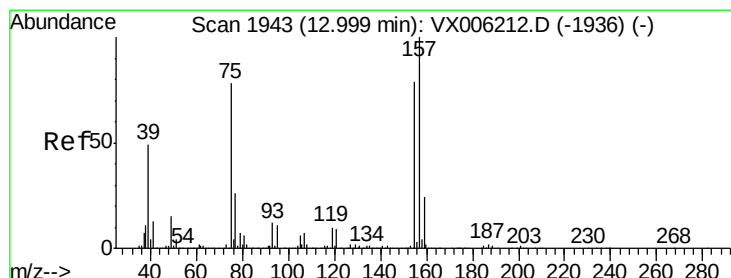
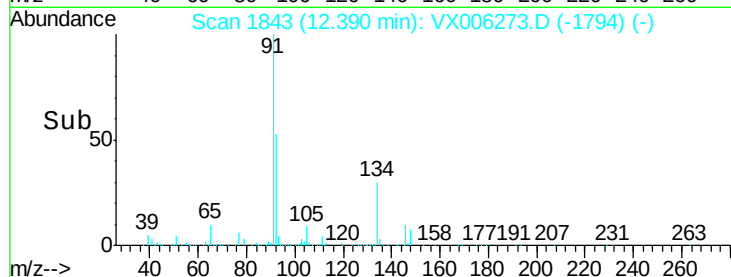
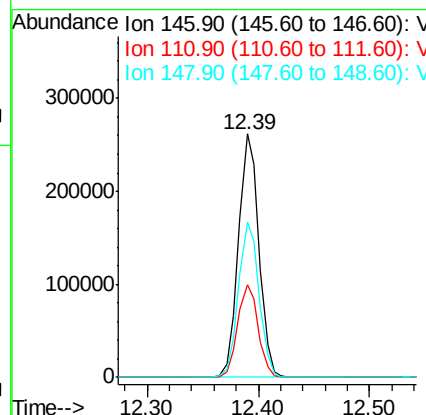
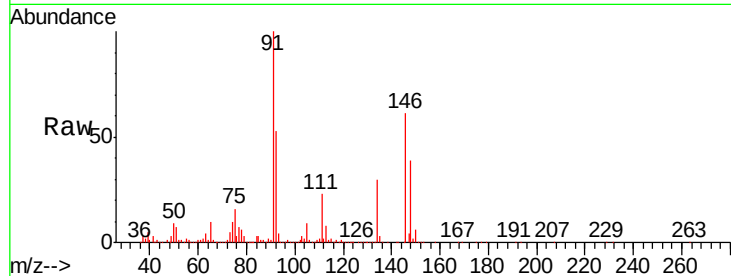
#91  
 1,2-Dichlorobenzene  
 Concen: 19.725 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1204MBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 19.1  | 57.3  |
| 148     | 64.3  | 32.1  | 96.3  |

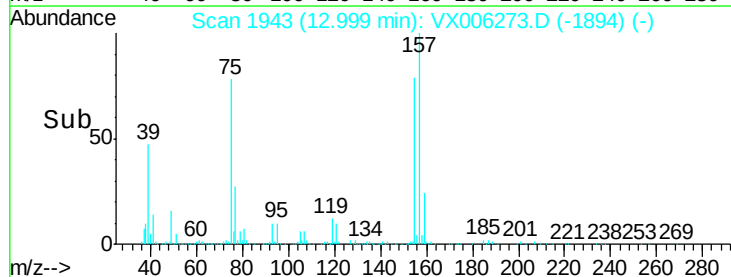
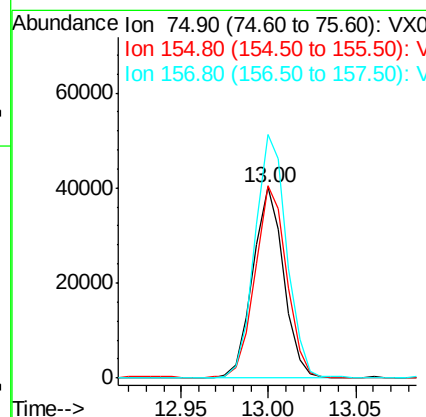
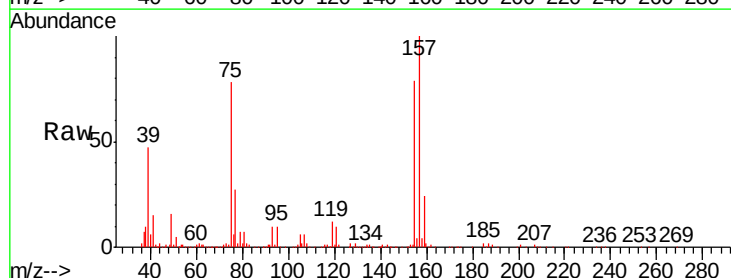
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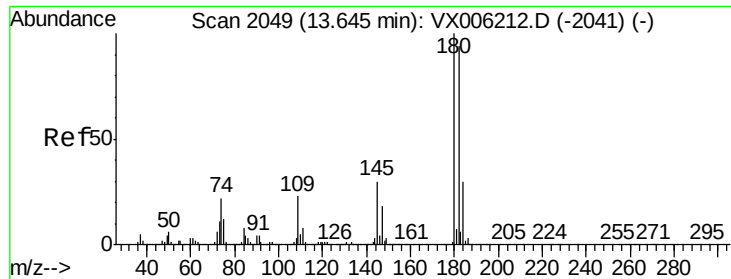
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.516 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 102.8 | 53.4  | 160.3 |
| 157     | 132.6 | 68.0  | 203.8 |





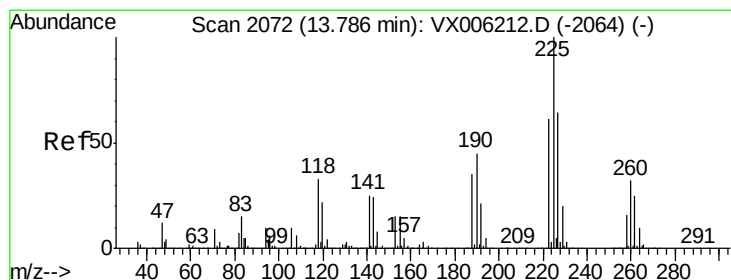
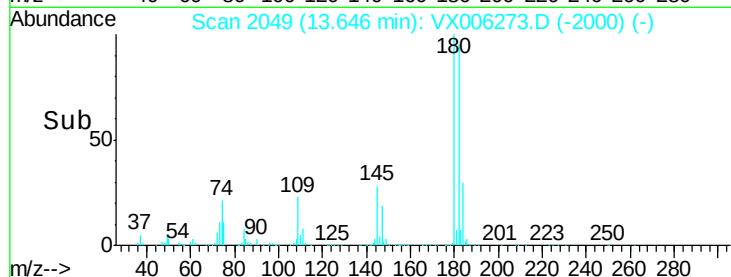
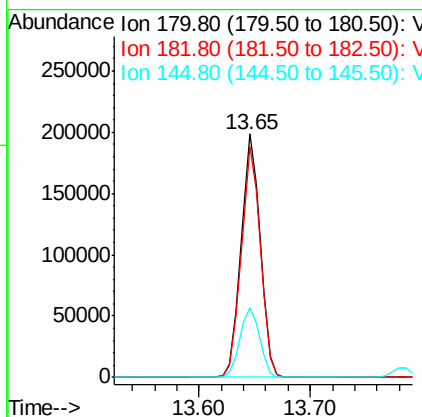
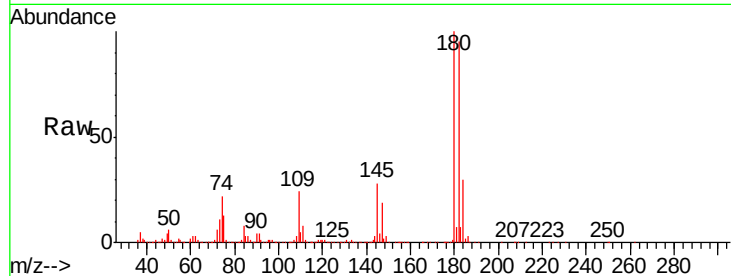
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.335 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1204MBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 237245 |       |       |
| 182     | 94.4  | 47.3   | 141.9 |       |
| 145     | 29.4  | 14.6   | 43.8  |       |

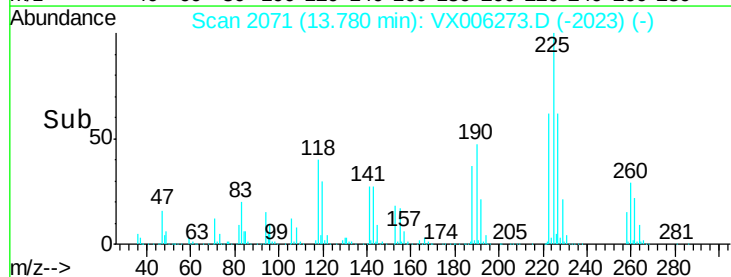
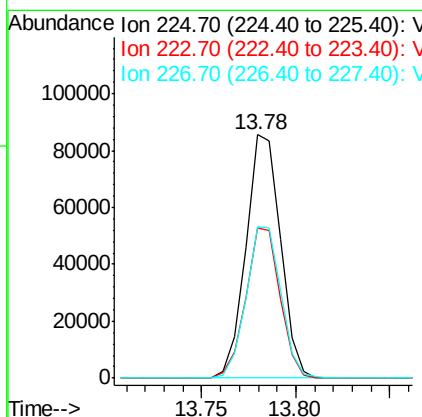
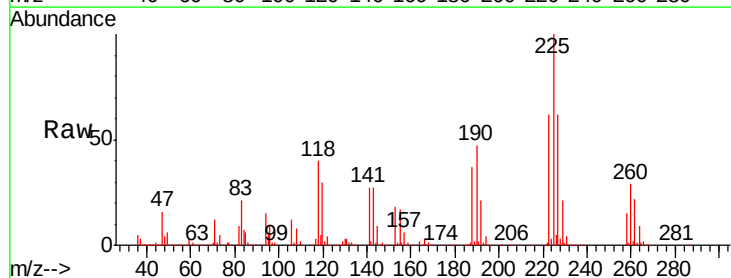
Manual Integrations  
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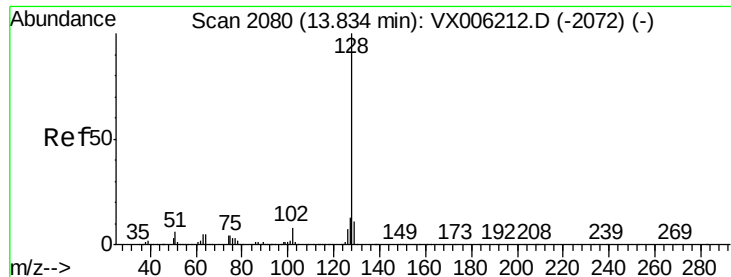
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#94  
 Hexachlorobutadiene  
 Concen: 20.060 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.01 min  
 Lab File: VX006273.D  
 Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 108853 |       |       |
| 223     | 61.1  | 31.2   | 93.6  |       |
| 227     | 62.5  | 31.9   | 95.5  |       |





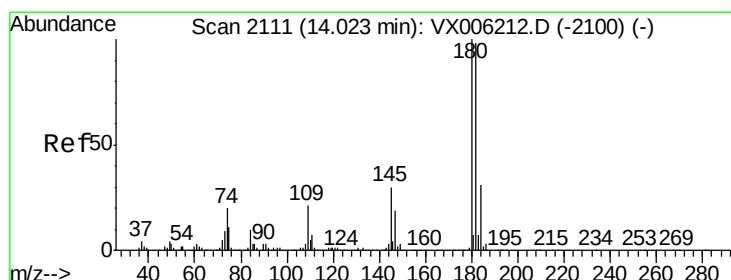
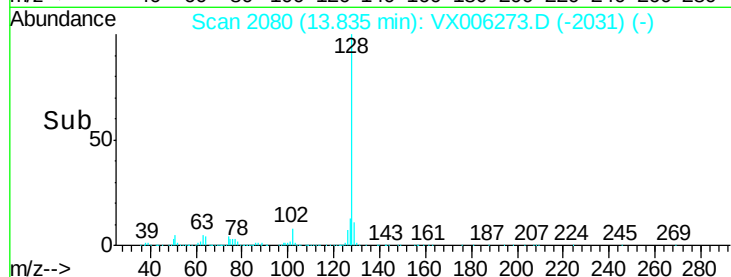
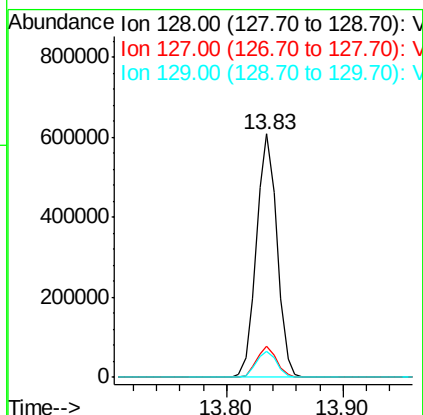
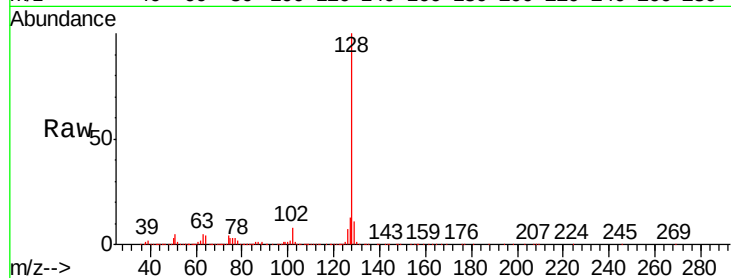
#95  
Naphthalene  
Concen: 19.648 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1204MBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 749931 |       |       |
| 127     | 12.7  | 10.2   | 15.4  |       |
| 129     | 10.9  | 8.9    | 13.3  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 19.401 ug/l  
RT: 14.02 min Scan# 2111  
Delta R.T. 0.00 min  
Lab File: VX006273.D  
Acq: 04 Dec 2018 12:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 235785 |       |       |
| 182     | 95.1  | 48.4   | 145.2 |       |
| 145     | 32.0  | 15.6   | 46.8  |       |

