

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\  
 Data File : VX009853.D  
 Acq On : 23 May 2019 13:10  
 Operator : JC/SP  
 Sample : VX0523MBS01  
 Misc : 5.00µL/100µL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0523MBS01

Manual Integrations  
 APPROVED

MMDadoda

5/24/2019 9:01:56 AM

Quant Time: May 24 04:03:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 07:31:15 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 184671   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 298584   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 266547   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 129886   | 50.00 | ug/l  | 0.00     |

#### System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 116773   | 46.32 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.64% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 82592    | 44.00 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 88.00% |      |
| 50) Toluene-d8            | 8.71   | 98  | 337759   | 44.57 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.14% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 119903   | 43.54 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 87.08% |      |

#### Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 27523  | 16.173  | ug/l | 97     |
| 3) Chloromethane              | 1.32 | 50  | 42058  | 18.102  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.41 | 62  | 40543  | 17.895  | ug/l | 98     |
| 5) Bromomethane               | 1.64 | 94  | 25627  | 18.846  | ug/l | 100    |
| 6) Chloroethane               | 1.72 | 64  | 25867  | 17.783  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 49336  | 17.915  | ug/l | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 22923  | 17.573  | ug/l | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 30041  | 17.371  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 32233  | 19.162  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.05 | 59  | 62260  | 106.693 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 31265  | 18.044  | ug/l | 94     |
| 13) Acrolein                  | 2.29 | 56  | 40491  | 76.618  | ug/l | 98     |
| 14) Allyl chloride            | 2.73 | 41  | 77103  | 18.259  | ug/l | 98     |
| 15) Acrylonitrile             | 3.14 | 53  | 128663 | 90.175  | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 123931 | 91.552  | ug/l | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 87477  | 17.982  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 57295  | 17.797  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 119357 | 17.739  | ug/l | 99     |
| 20) Methylene Chloride        | 2.85 | 84  | 37677  | 17.190  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 33369  | 17.757  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.85 | 45  | 149689 | 18.433  | ug/l | 93     |
| 23) Vinyl Acetate             | 3.81 | 43  | 668874 | 96.187  | ug/l | 97     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 70789  | 17.670  | ug/l | 99     |
| 25) 2-Butanone                | 4.67 | 43  | 197573 | 93.923  | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 50785  | 17.031  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 39527  | 17.622  | ug/l | 99     |
| 28) Bromochloromethane        | 5.01 | 49  | 34006  | 19.410  | ug/l | 95     |
| 29) Tetrahydrofuran           | 5.13 | 42  | 128041 | 94.591  | ug/l | 98     |
| 30) Chloroform                | 5.21 | 83  | 65004  | 17.941  | ug/l | 100    |
| 31) Cyclohexane               | 5.58 | 56  | 69441  | 18.631  | ug/l | 94     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 52843  | 17.520  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 49947  | 18.000  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.84 | 43  | 72221  | 18.681  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 43957  | 17.436  | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\  
 Data File : VX009853.D  
 Acq On : 23 May 2019 13:10  
 Operator : JC/SP  
 Sample : VX0523MBS01  
 Misc : 5.0µL/10mL/100µL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0523MBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/24/2019 9:01:56 AM

Quant Time: May 24 04:03:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 07:31:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 59758    | 17.536  | ug/l   | 94       |
| 40) Benzene                    | 6.14  | 78   | 152947   | 17.810  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.04  | 41   | 41006    | 17.818  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 56392    | 18.306  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 112719   | 18.227  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 35389    | 17.046  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 43926    | 18.064  | ug/l   | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 24743    | 17.523  | ug/l   | 100      |
| 47) Bromodichloromethane       | 7.90  | 83   | 48050    | 17.059  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 57434    | 18.720  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 21944    | 352.687 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 380605   | 94.162  | ug/l   | 97       |
| 52) Toluene                    | 8.78  | 92   | 91160    | 17.463  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 55667    | 17.505  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 61183    | 17.382  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 37637    | 17.673  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 67312    | 17.706  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 65707    | 17.533  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 172208   | 85.391  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 293807   | 92.551  | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.58  | 129  | 35213    | 16.929  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 37585    | 17.484  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 33062    | 18.083  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 93599    | 17.554  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 33591    | 17.377  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 176949   | 18.032  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 129305   | 36.058  | ug/l   | 98       |
| 69) o-Xylene                   | 10.69 | 106  | 62101    | 17.552  | ug/l   | 97       |
| 70) Styrene                    | 10.71 | 104  | 107775   | 17.526  | ug/l   | 97       |
| 71) Bromoform                  | 10.85 | 173  | 26673    | 16.979  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 169623   | 17.959  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 100318   | 18.218  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 62028    | 17.617  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 52925m   | 17.566  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 41226    | 17.585  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 192041   | 17.803  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 115269   | 17.321  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 142619   | 17.933  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 19038    | 16.168  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 133508   | 17.758  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 132756   | 17.160  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 144063   | 18.047  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 161747   | 17.635  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 147548   | 17.894  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 73304    | 17.540  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 73963    | 17.554  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 131831   | 17.689  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 23154    | 16.482  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 73430    | 17.251  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 14795    | 18.731  | ug/l   | 93       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\  
Data File : VX009853.D  
Acq On : 23 May 2019 13:10  
Operator : JC/SP  
Sample : VX0523MBS01  
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

Manual Integrations  
APPROVED

MMDadoda

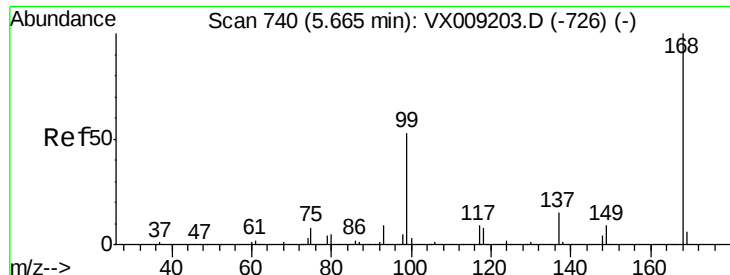
5/24/2019 9:01:56 AM

Quant Time: May 24 04:03:40 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 09 07:31:15 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 51345    | 17.639 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 25804    | 17.359 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 167033   | 17.638 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 52120    | 17.664 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0523MBS01

Tot Ion:168 Resp: 184671

Ion Ratio Lower Upper

168 100

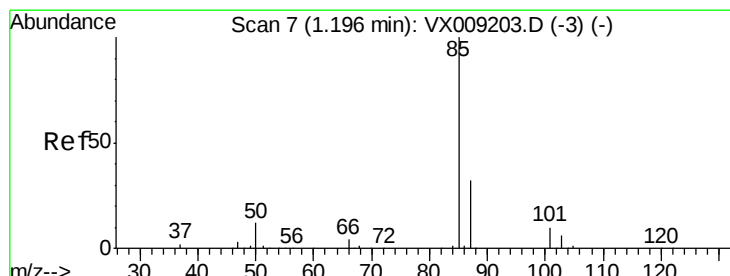
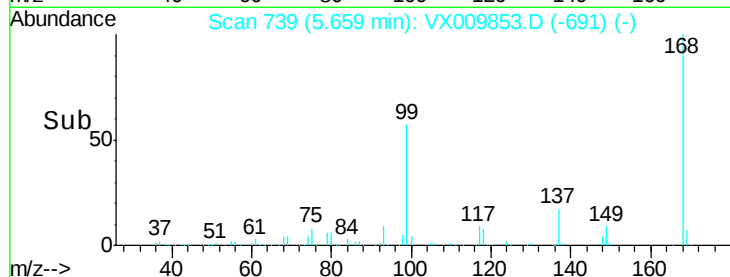
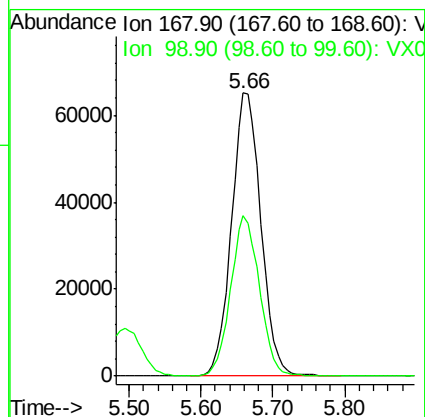
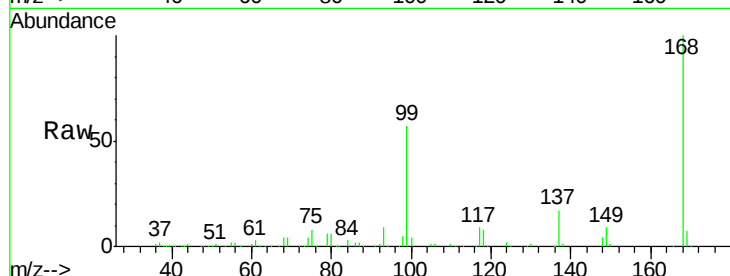
99 56.8 42.3 63.5

Manual Integrations

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5/24/2019 9:01:56 AM



#2

Dichlorodifluoromethane

Concen: 16.173 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009853.D

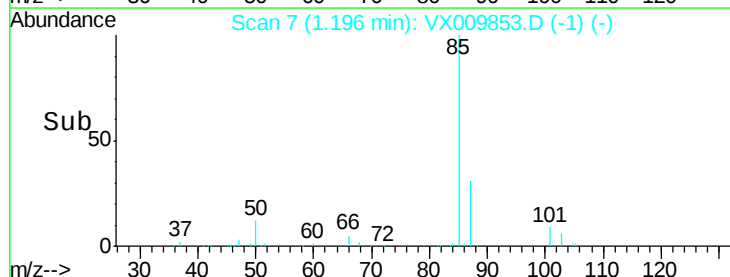
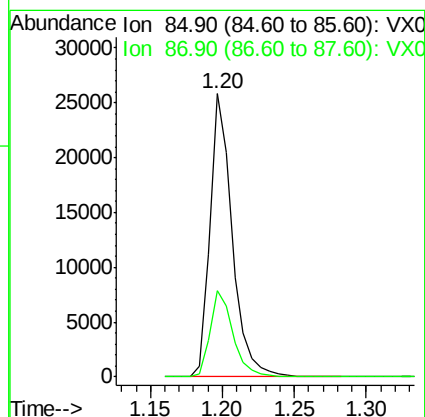
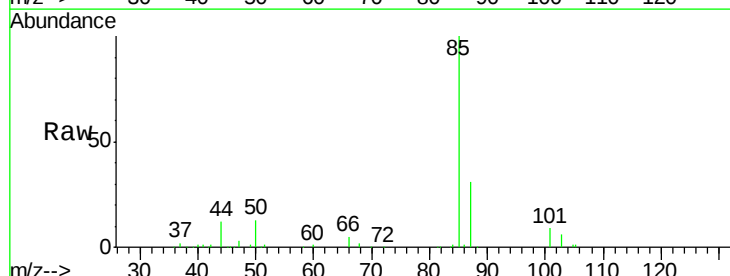
Acq: 23 May 2019 13:10

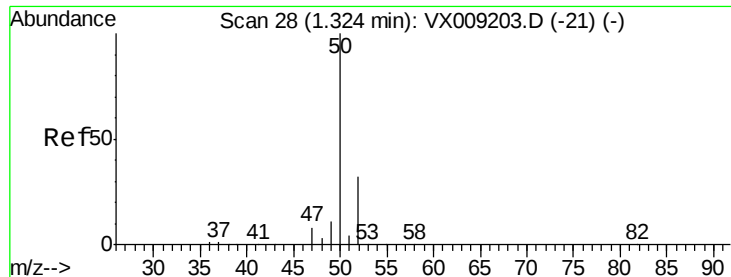
Tgt Ion: 85 Resp: 27523

Ion Ratio Lower Upper

85 100

87 30.5 16.1 48.3





#3

Chloromethane

Concen: 18.102 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0523MBS01

Tot Ion: 50 Resp: 42058

Ion Ratio Lower Upper

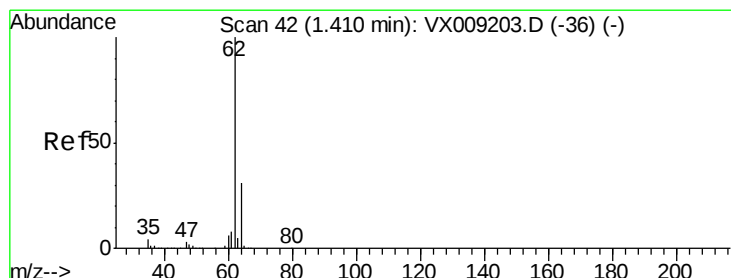
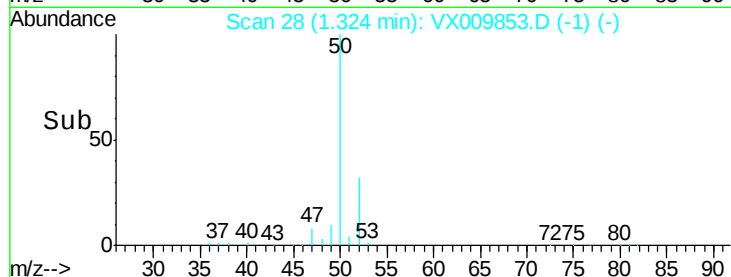
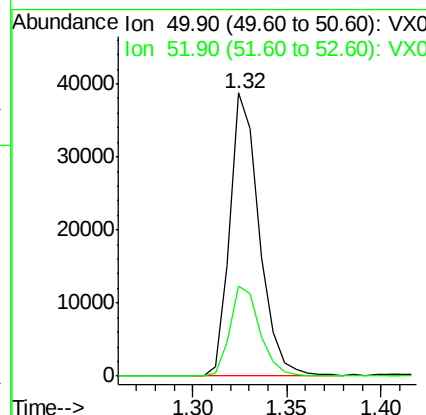
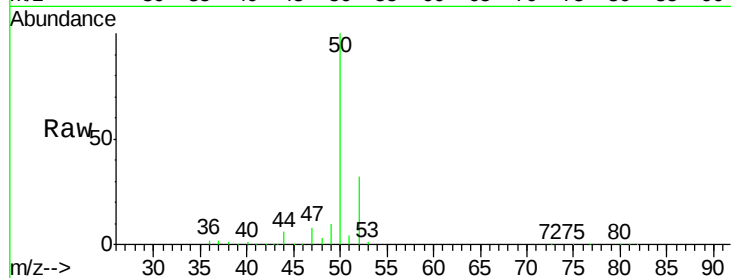
50 100

52 31.6 25.9 38.9

Manual Integrations  
APPROVED

MMDadoda

5/24/2019 9:01:56 AM



#4

Vinyl Chloride

Concen: 17.895 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009853.D

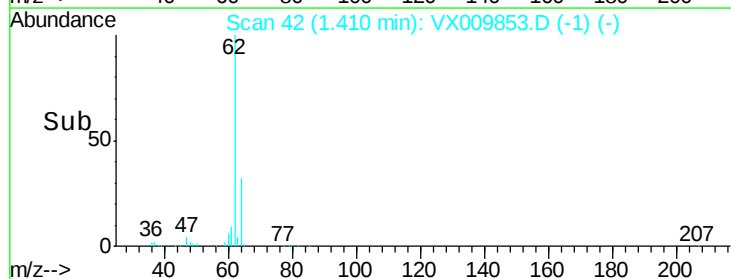
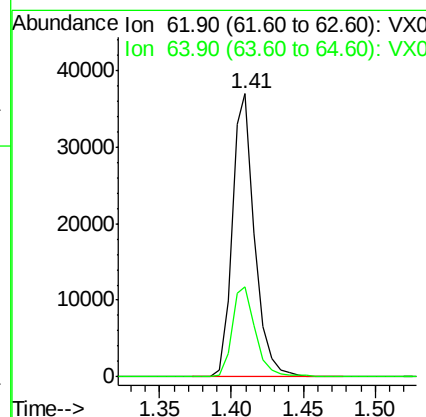
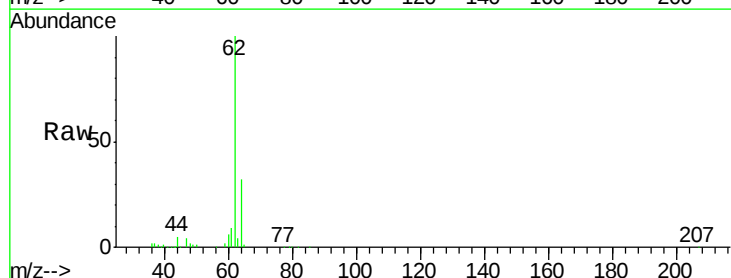
Acq: 23 May 2019 13:10

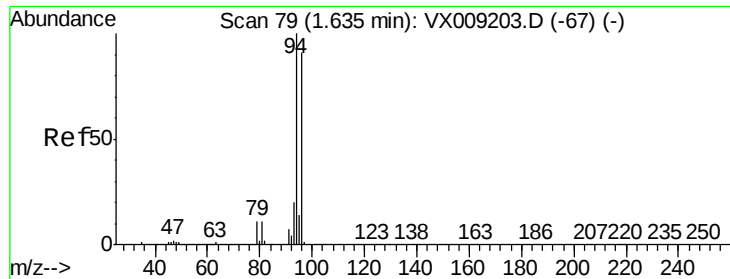
Tgt Ion: 62 Resp: 40543

Ion Ratio Lower Upper

62 100

64 31.8 24.6 36.8





#5

Bromomethane

Concen: 18.846 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0523MBS01

Tot Ion: 94 Resp: 25627

Ion Ratio Lower Upper

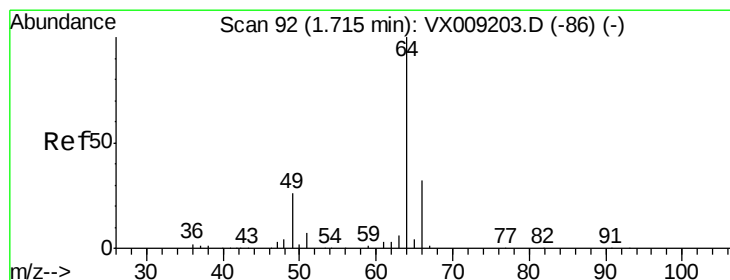
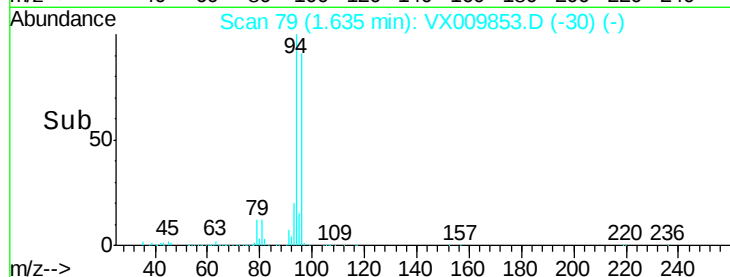
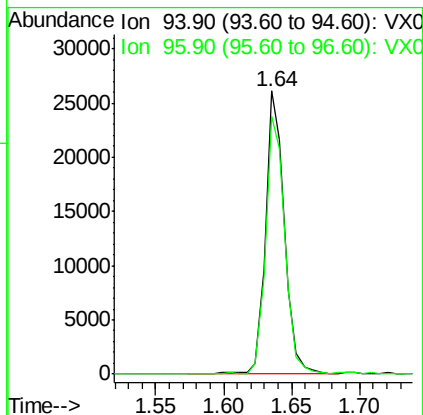
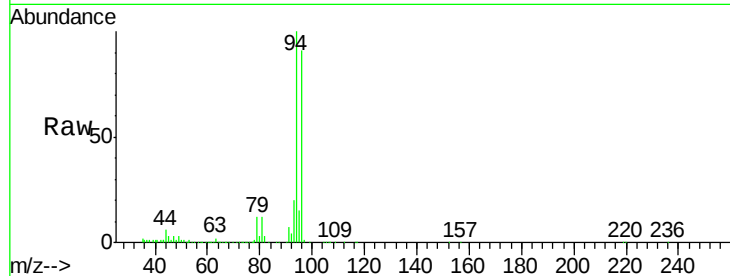
94 100

96 91.0 73.0 109.6

Manual Integrations  
APPROVED

MMDadoda

5/24/2019 9:01:56 AM



#6

Chloroethane

Concen: 17.783 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009853.D

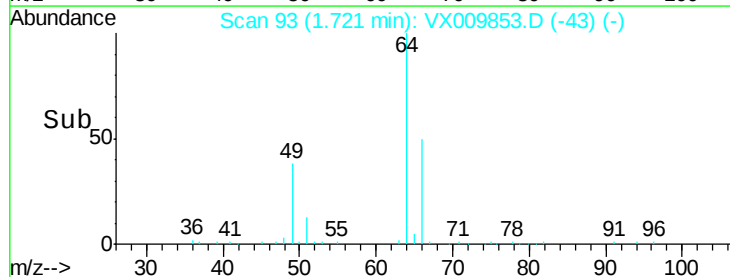
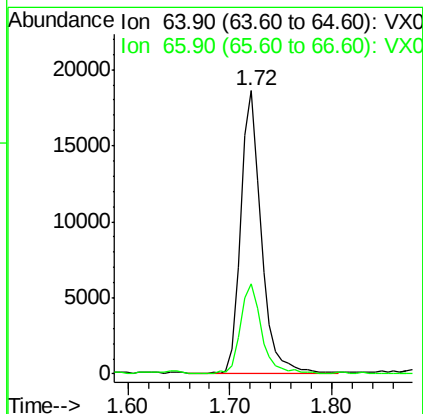
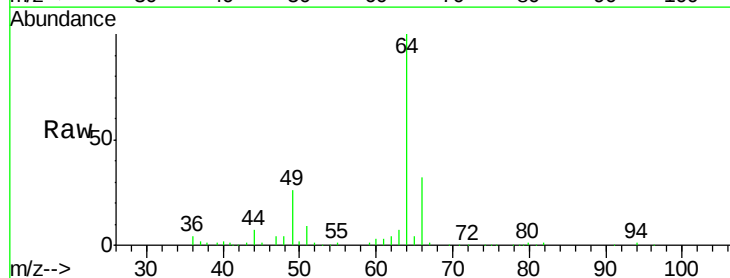
Acq: 23 May 2019 13:10

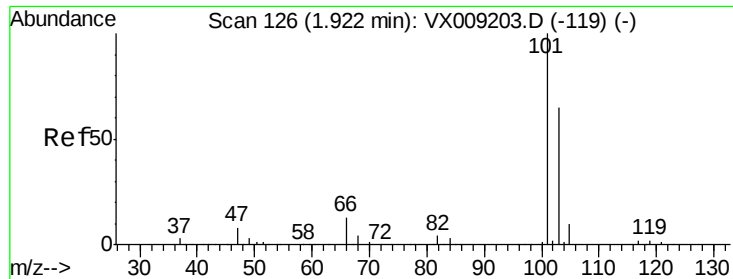
Tgt Ion: 64 Resp: 25867

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9





#7

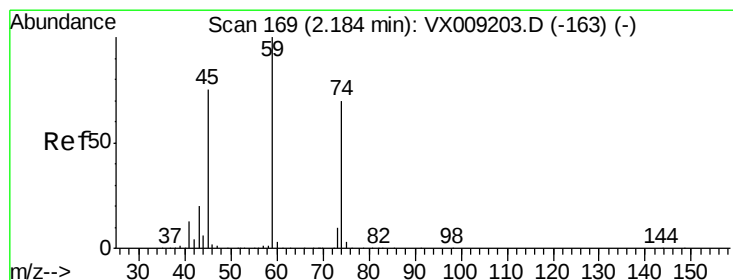
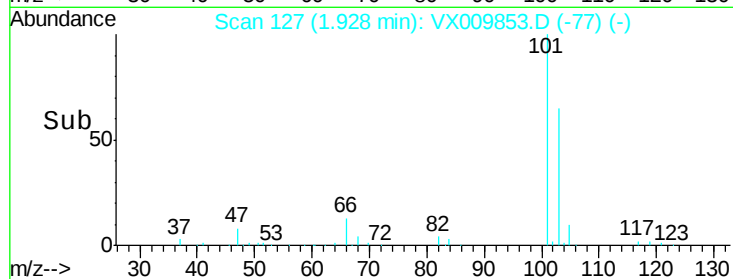
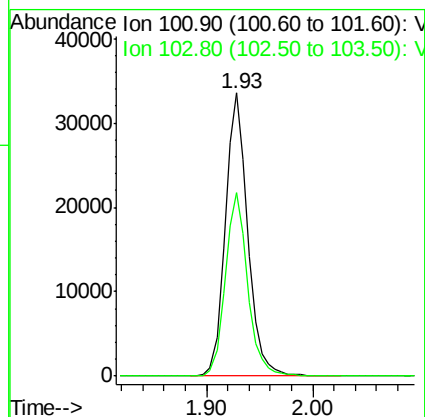
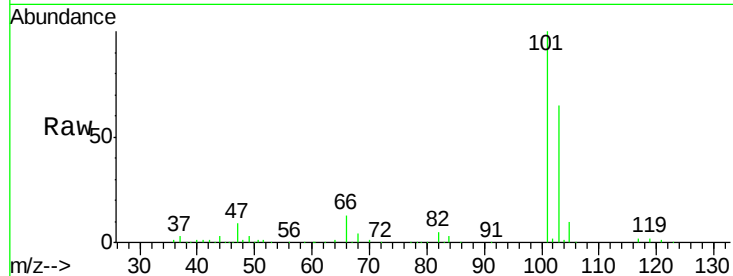
Trichlorofluoromethane  
Concen: 17.915 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. 0.01 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

Tot Ion:101 Resp: 49336  
Ion Ratio Lower Upper  
101 100  
103 64.9 52.4 78.6

Manual Integrations  
APPROVED

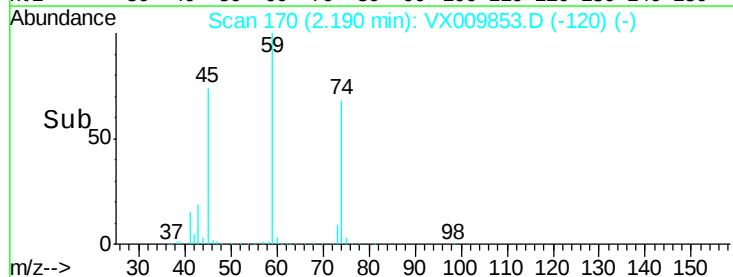
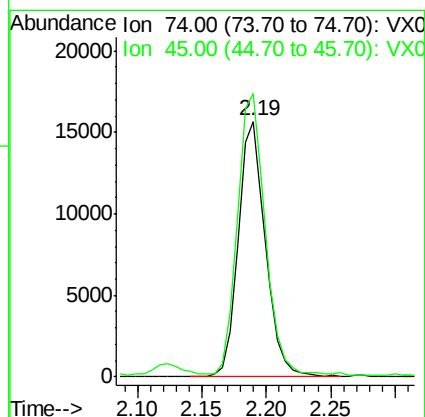
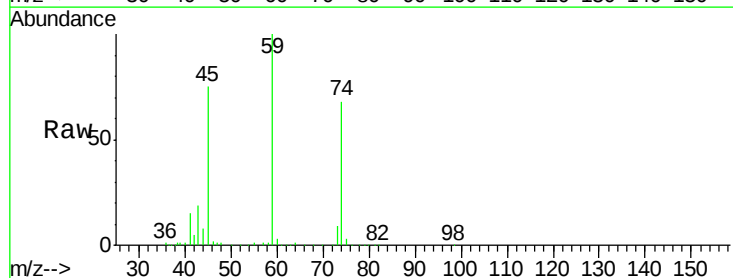
MMDadoda  
5/24/2019 9:01:56 AM

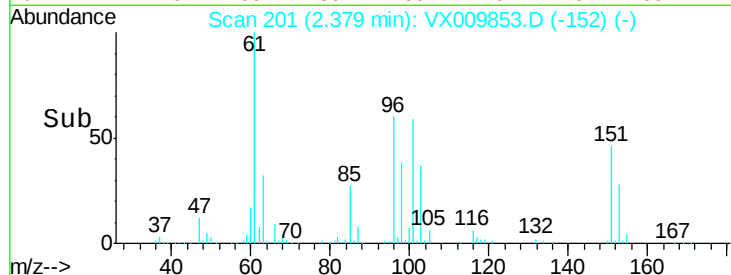
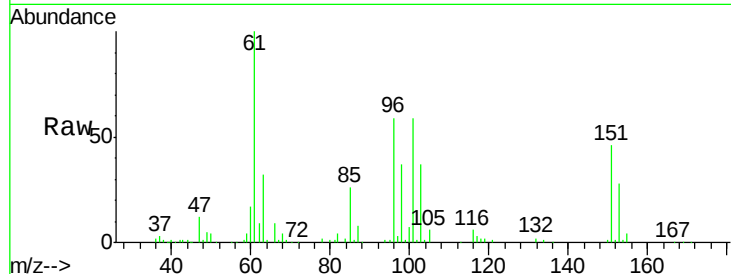
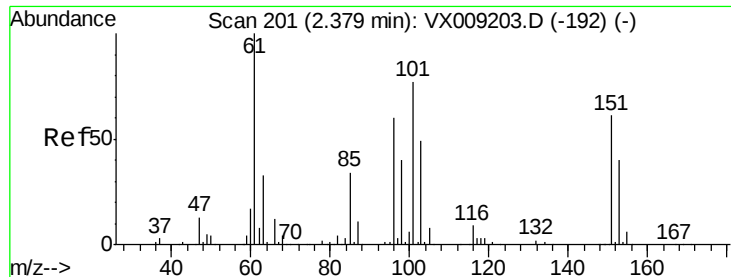


#8

Diethyl Ether  
Concen: 17.573 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.01 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Tgt Ion: 74 Resp: 22923  
Ion Ratio Lower Upper  
74 100  
45 112.9 53.3 159.9





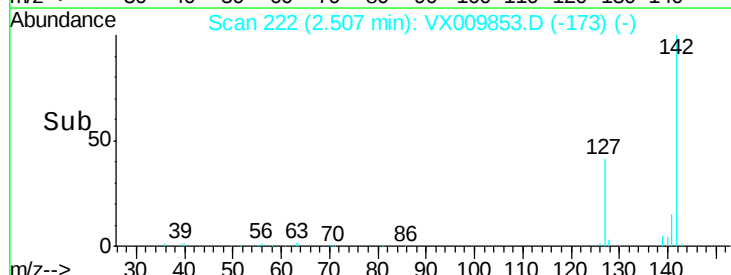
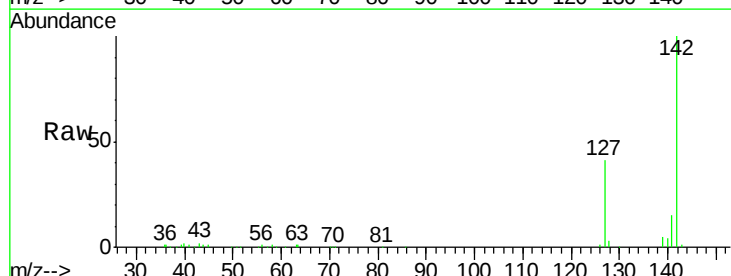
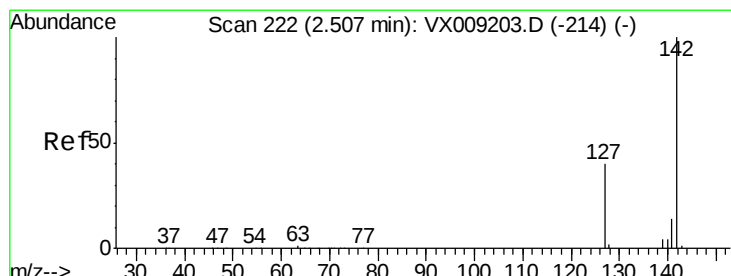
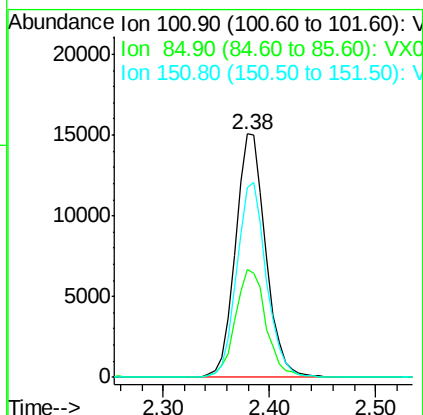
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.371 ug/l  
RT: 2.38 min Scan# 201  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 30041 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.9  | 35.7  | 53.5  |
| 151       | 78.6  | 62.2  | 93.2  |

Manual Integrations  
APPROVED

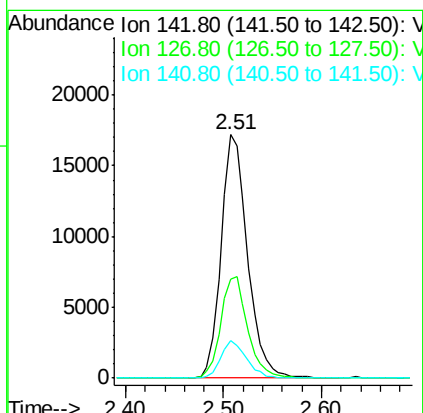
MMDadoda

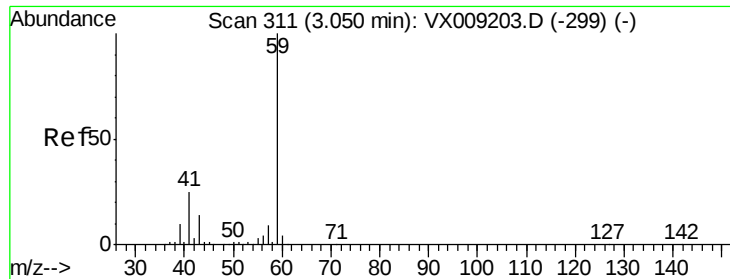
5/24/2019 9:01:56 AM



#10  
Methyl Iodide  
Concen: 19.162 ug/l  
RT: 2.51 min Scan# 222  
Delta R.T. 0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 32233 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 42.2  | 32.7  | 49.1  |
| 141       | 14.9  | 11.5  | 17.3  |





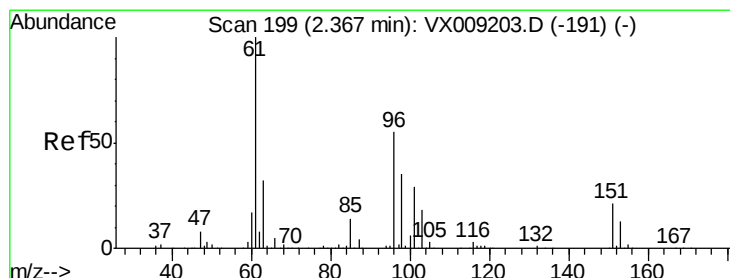
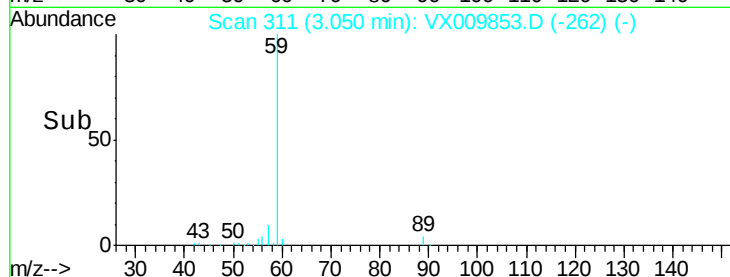
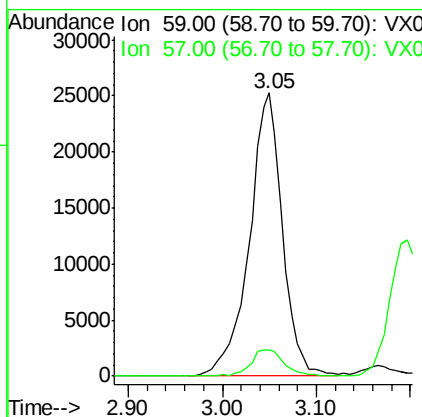
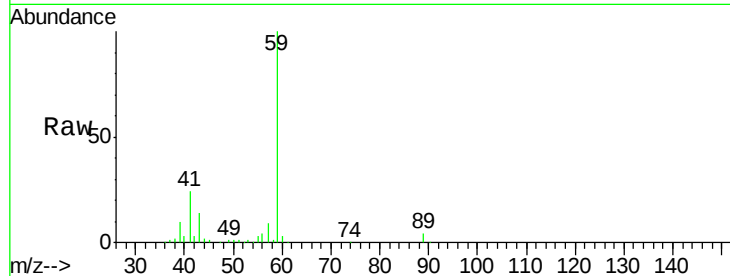
#11  
Tert butyl alcohol  
Concen: 106.693 ug/l  
RT: 3.05 min Scan# 311  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.4   | 8.2   | 12.2  |

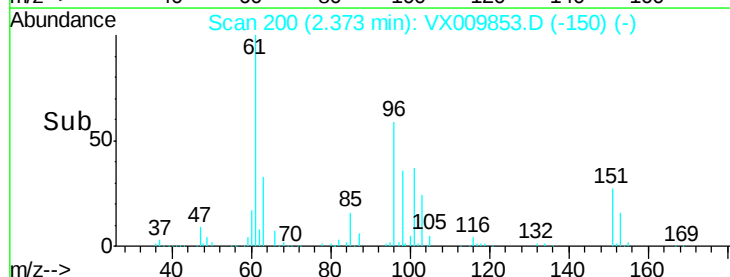
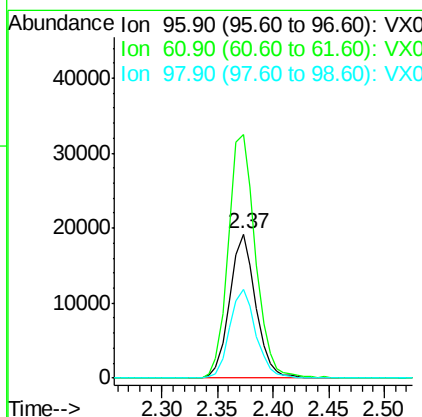
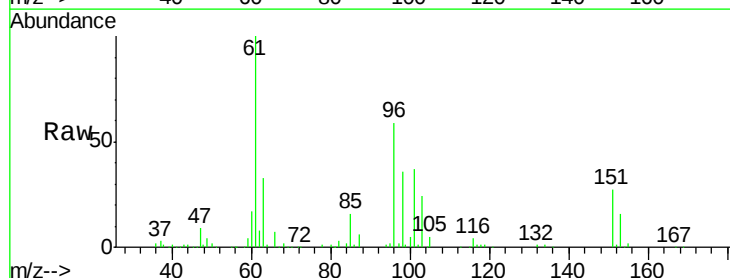
Manual Integrations  
APPROVED

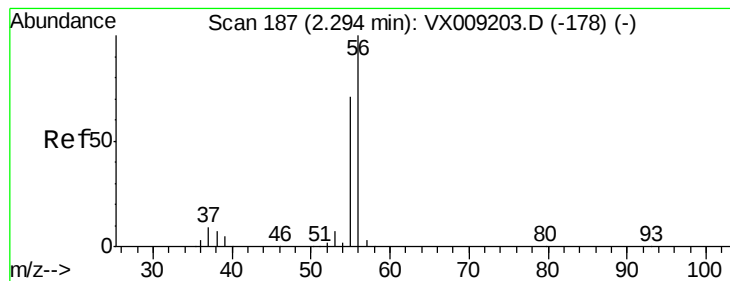
MMDadoda  
5/24/2019 9:01:56 AM



#12  
1,1-Dichloroethene  
Concen: 18.044 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.01 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 169.1 | 144.3 | 216.5 |
| 98      | 61.5  | 50.3  | 75.5  |





#13

Acrolein

Concen: 76.618 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0523MBS01

Tot Ion: 56 Resp: 40491

Ion Ratio Lower Upper

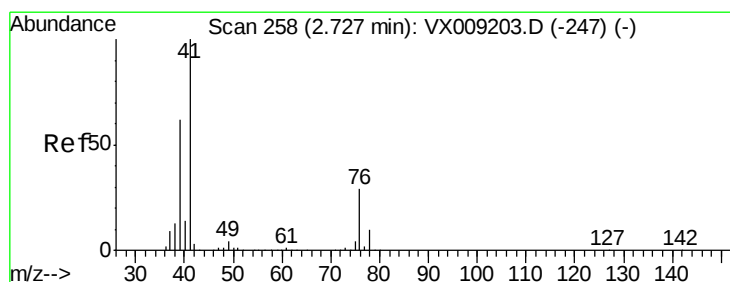
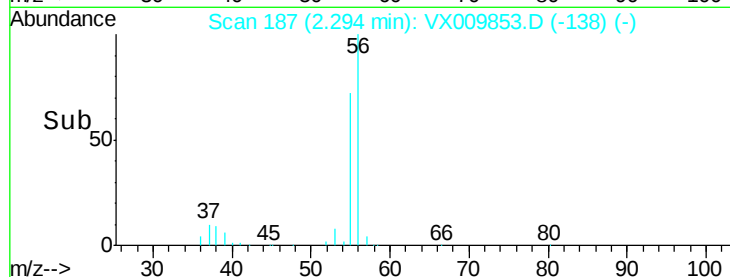
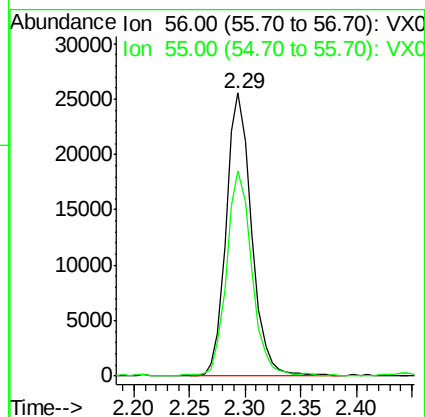
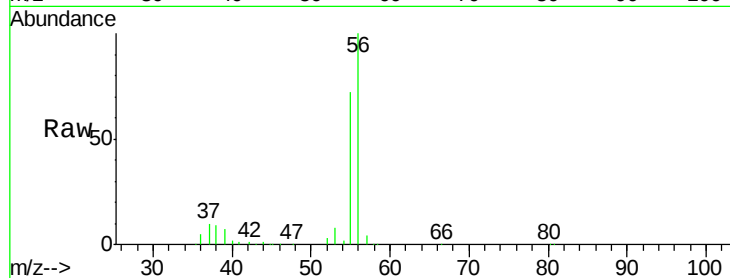
56 100

55 72.5 56.6 85.0

Manual Integrations  
APPROVED

MMDadoda

5/24/2019 9:01:56 AM



#14

Allyl chloride

Concen: 18.259 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

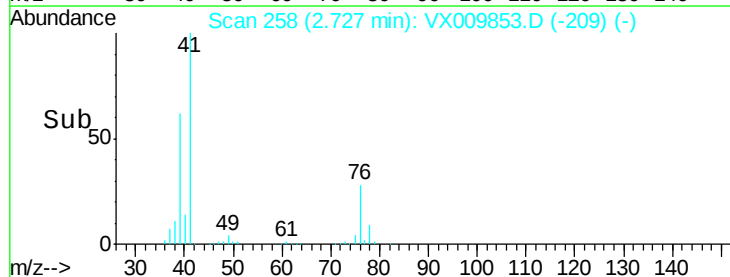
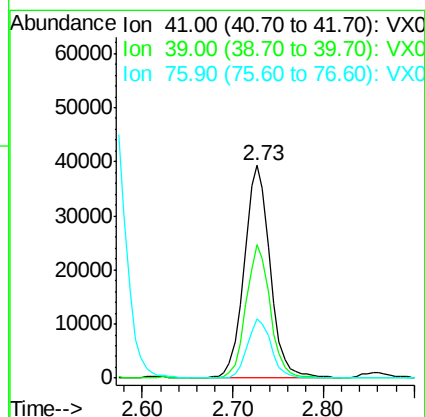
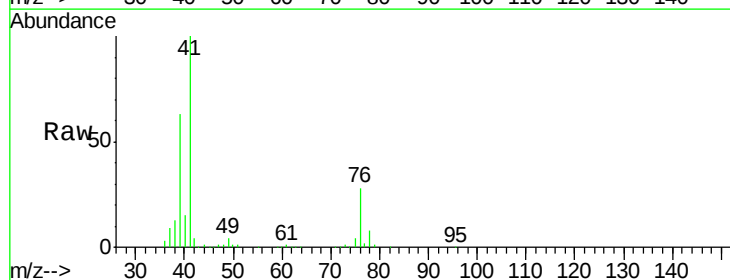
Tgt Ion: 41 Resp: 77103

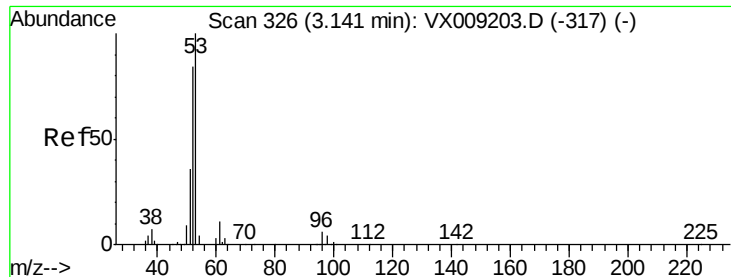
Ion Ratio Lower Upper

41 100

39 59.2 46.7 70.1

76 25.7 21.8 32.8





#15

Acrylonitrile

Concen: 90.175 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

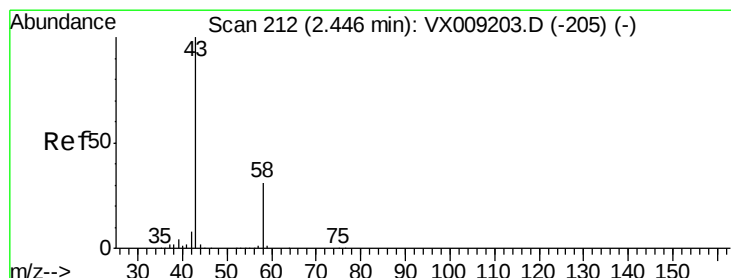
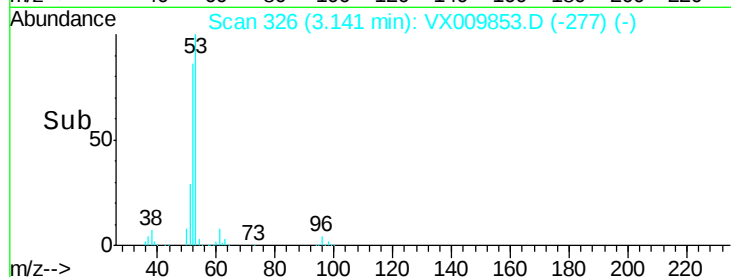
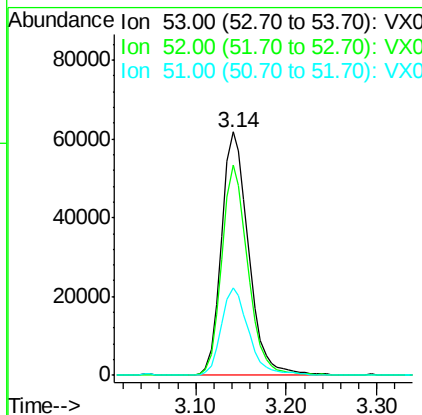
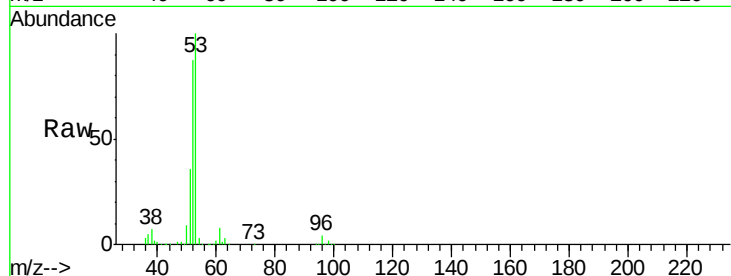
VX0523MBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 128663 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 83.3 | 66.9  | 100.3  |
| 51        | 36.3 | 28.2  | 42.2   |

Manual Integrations  
APPROVED

MMDadoda

5/24/2019 9:01:56 AM



#16

Acetone

Concen: 91.552 ug/l

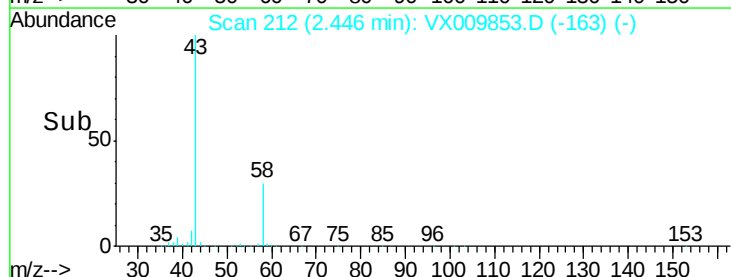
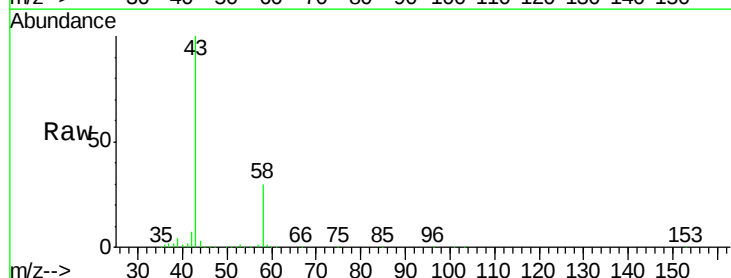
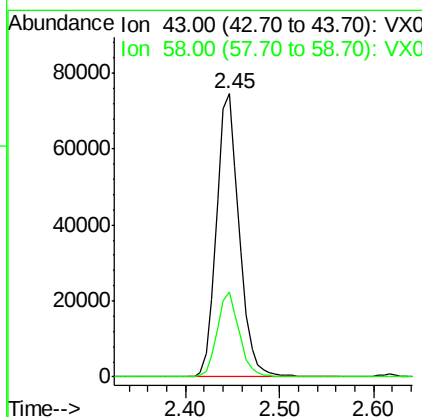
RT: 2.45 min Scan# 212

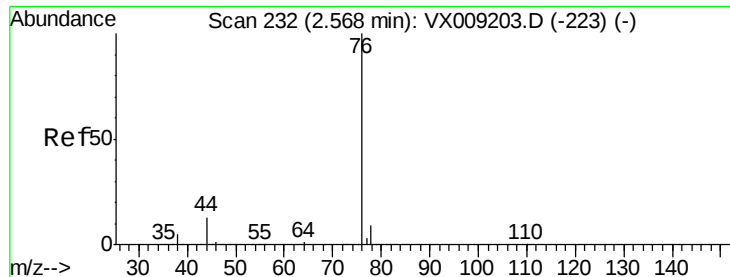
Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 123931 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 30.0 | 24.9  | 37.3   |





#17

Carbon Disulfide

Concen: 17.982 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0523MBS01

Tot Ion: 76 Resp: 87477

Ion Ratio Lower Upper

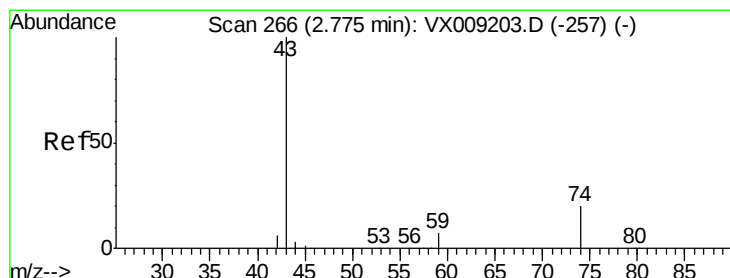
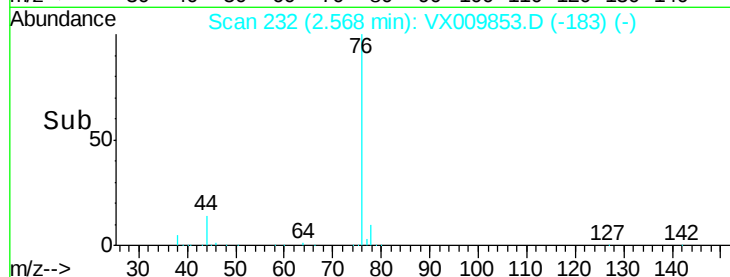
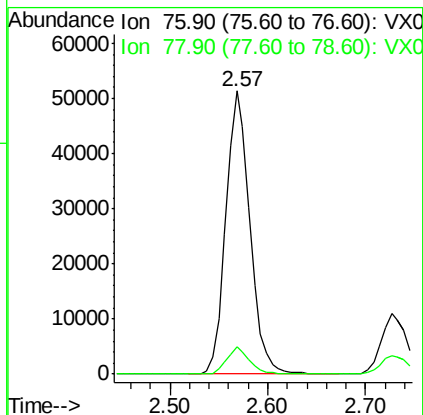
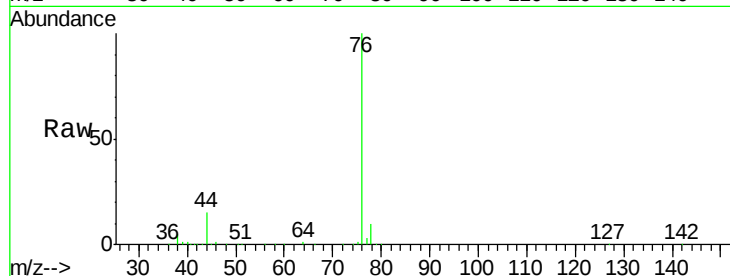
76 100

78 9.7 7.4 11.0

Manual Integrations  
APPROVED

MMDadoda

5/24/2019 9:01:56 AM



#18

Methyl Acetate

Concen: 17.797 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009853.D

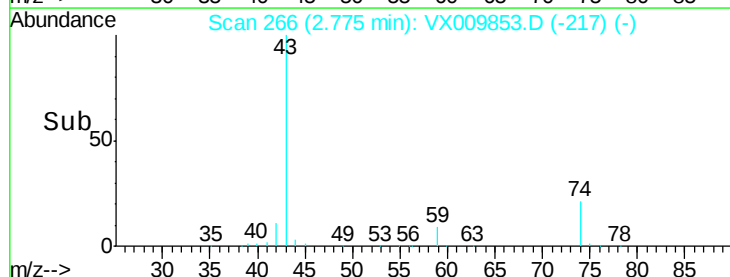
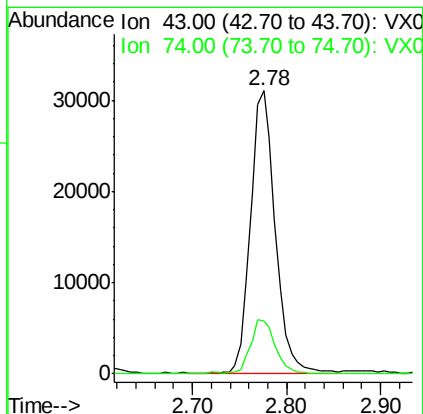
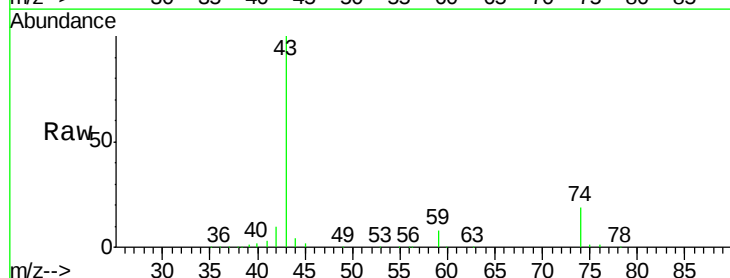
Acq: 23 May 2019 13:10

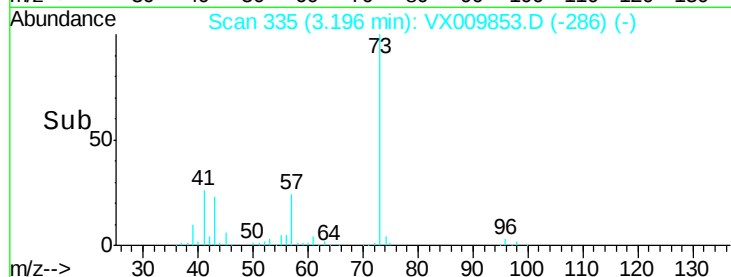
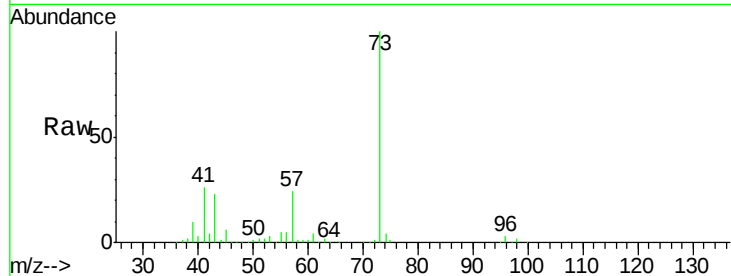
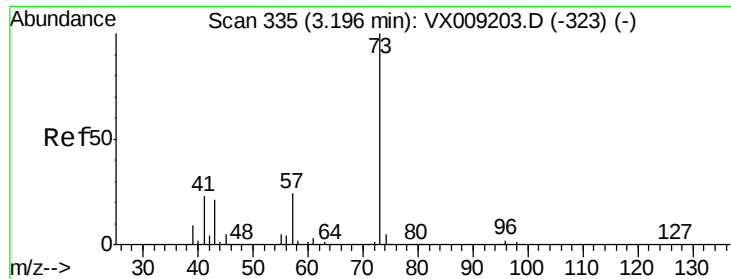
Tgt Ion: 43 Resp: 57295

Ion Ratio Lower Upper

43 100

74 19.4 16.2 24.4





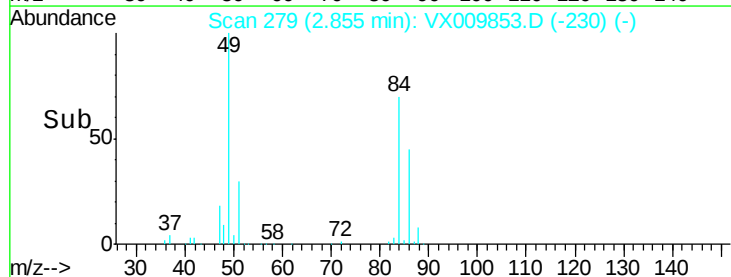
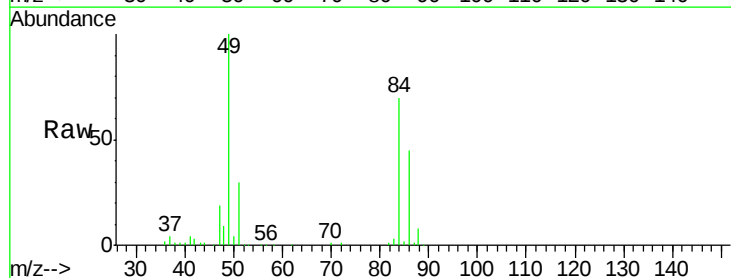
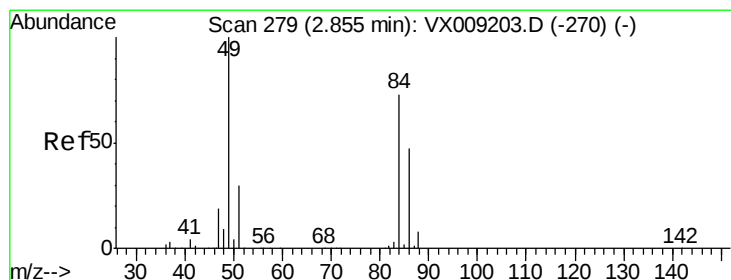
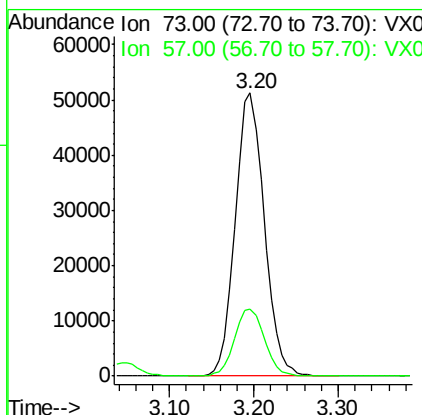
#19  
Methyl tert-butyl Ether  
Concen: 17.739 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tot Ion   | 73   | Resp  | 119357 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 73        | 100  | 19.3  | 28.9   |
| 57        | 23.7 |       |        |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

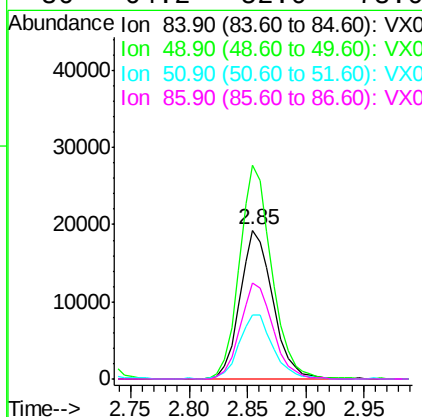
Manual Integrations  
APPROVED

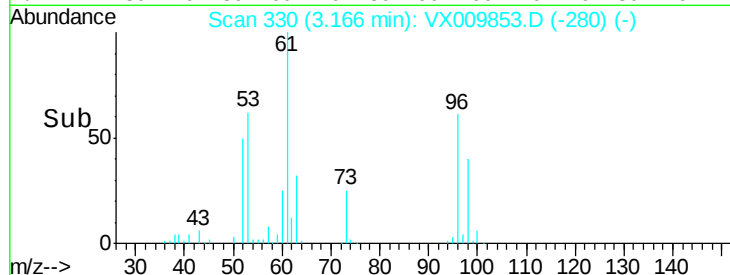
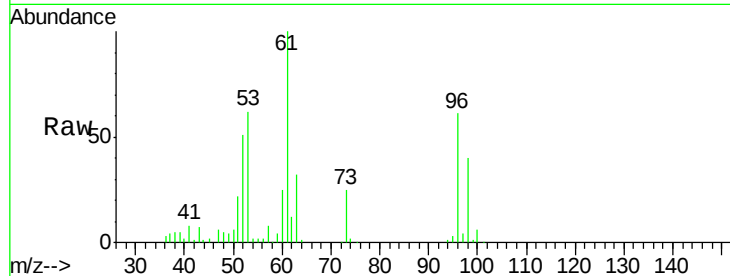
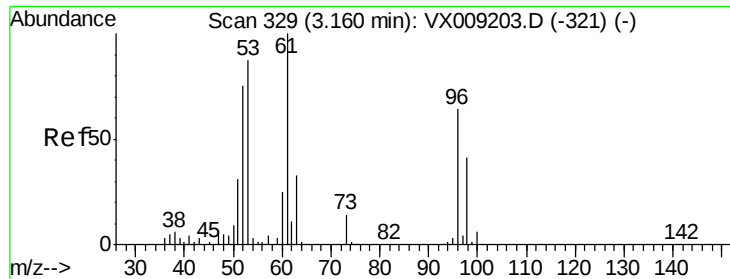
MMDadoda  
5/24/2019 9:01:56 AM



#20  
Methylene Chloride  
Concen: 17.190 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tgt Ion   | 84    | Resp  | 37677 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 84        | 100   | 109.9 | 164.9 |
| 49        | 142.9 | 32.7  | 49.1  |
| 51        | 42.2  | 52.0  | 78.0  |
| 86        | 64.2  |       |       |





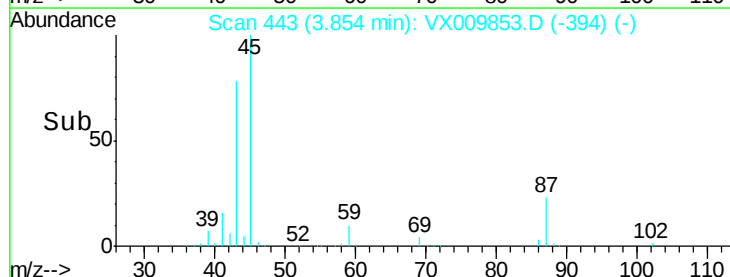
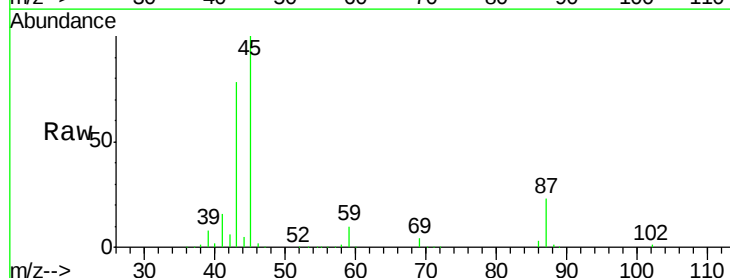
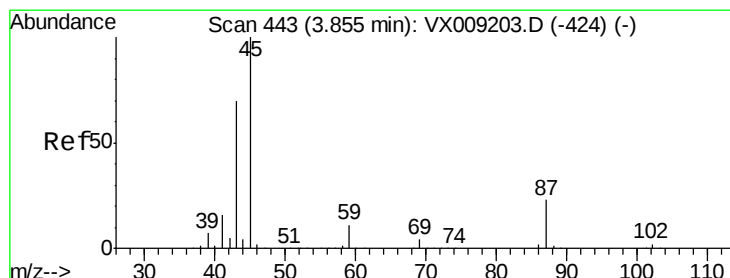
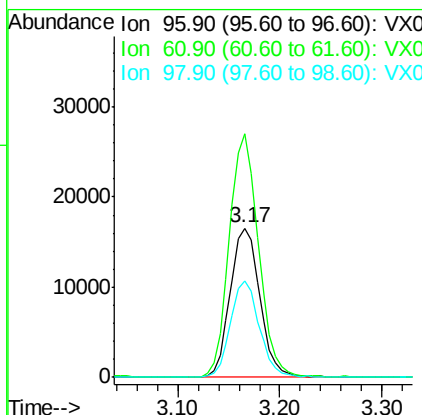
#21  
trans-1,2-Dichloroethene  
Concen: 17.757 ug/l  
RT: 3.17 min Scan# 330  
Delta R.T. 0.01 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 163.2 | 124.5 | 186.7 |
| 98      | 65.0  | 50.4  | 75.6  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

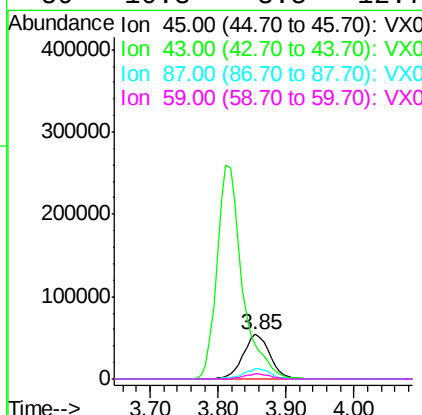
Manual Integrations  
APPROVED

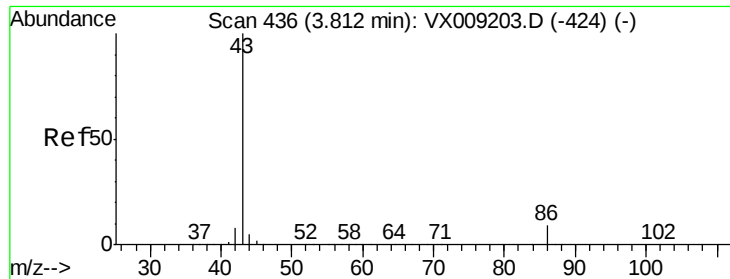
MMDadoda  
5/24/2019 9:01:56 AM



#22  
Diisopropyl ether  
Concen: 18.433 ug/l  
RT: 3.85 min Scan# 443  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 78.1  | 56.1  | 84.1  |
| 87      | 22.7  | 18.1  | 27.1  |
| 59      | 10.3  | 8.5   | 12.7  |





#23

Vinyl Acetate

Concen: 96.187 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0523MBS01

Tot Ion: 43 Resp: 668874

Ion Ratio Lower Upper

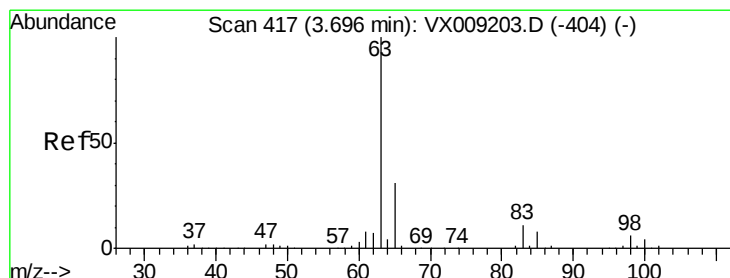
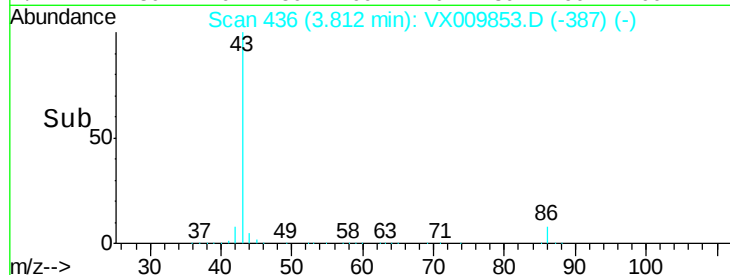
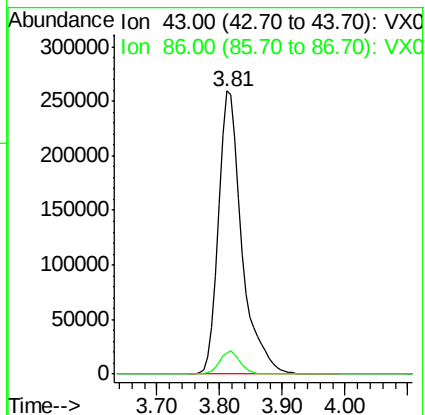
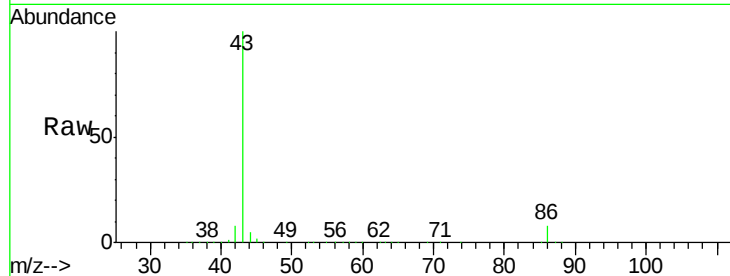
43 100

86 7.6 6.9 10.3

Manual Integrations  
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5/24/2019 9:01:56 AM



#24

1,1-Dichloroethane

Concen: 17.670 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

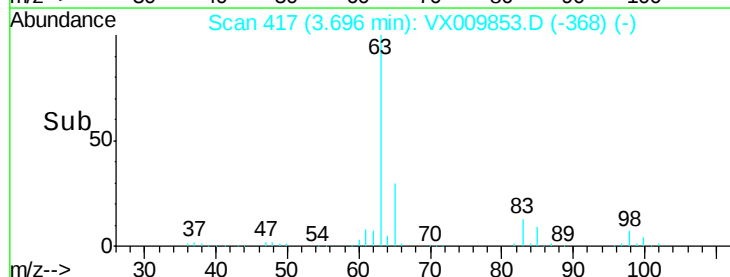
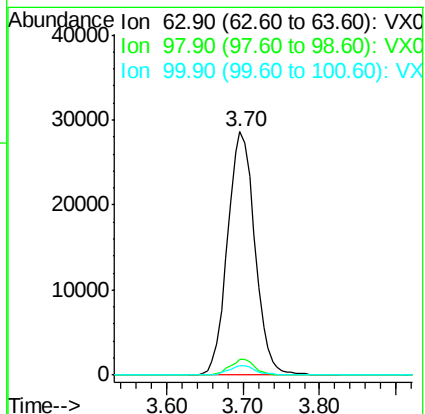
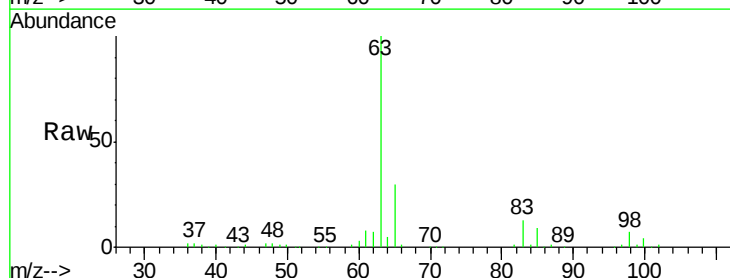
Tgt Ion: 63 Resp: 70789

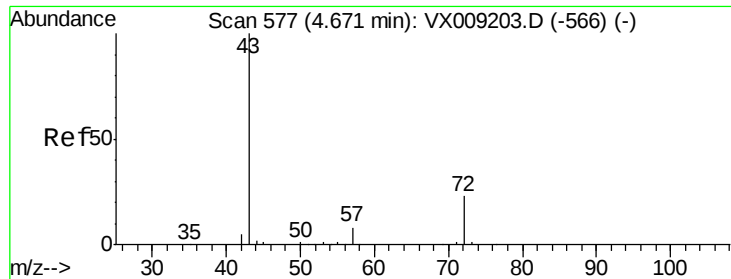
Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.2

100 3.7 2.0 6.0





#25

2-Butanone

Concen: 93.923 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0523MBS01

Tot Ion: 43 Resp: 197573

Ion Ratio Lower Upper

43 100

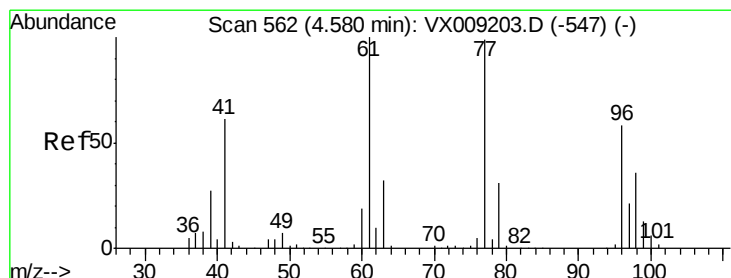
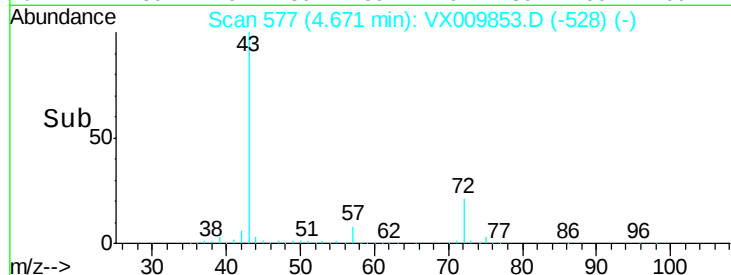
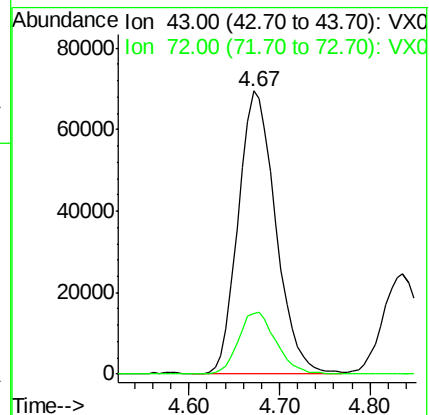
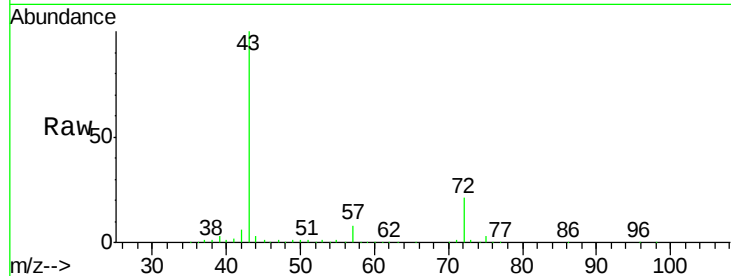
72 21.3 18.2 27.2

Manual Integrations

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5/24/2019 9:01:56 AM



#26

2,2-Dichloropropane

Concen: 17.031 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009853.D

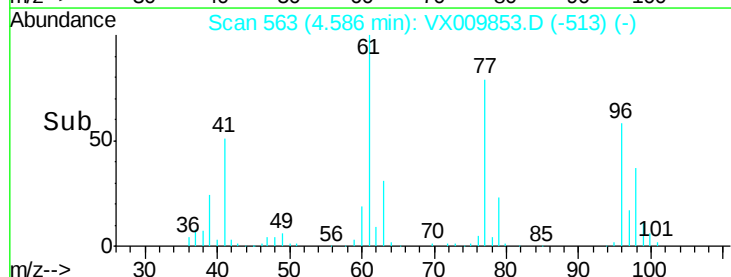
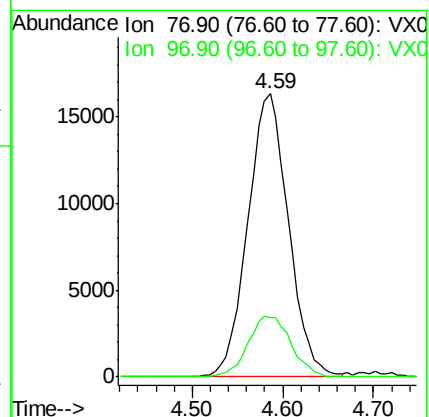
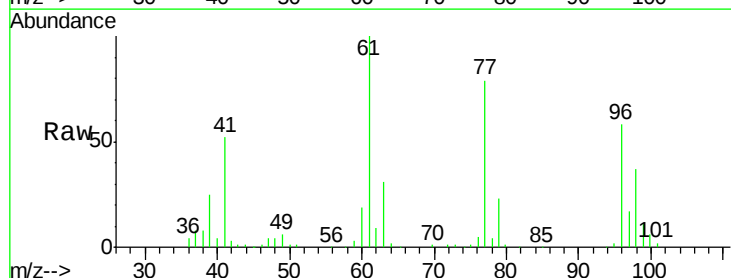
Acq: 23 May 2019 13:10

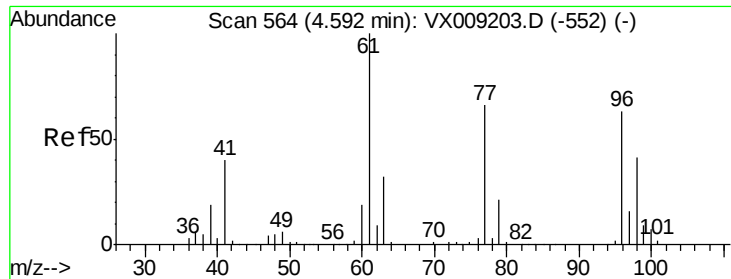
Tgt Ion: 77 Resp: 50785

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4





#27

cis-1,2-Dichloroethene  
Concen: 17.622 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.01 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

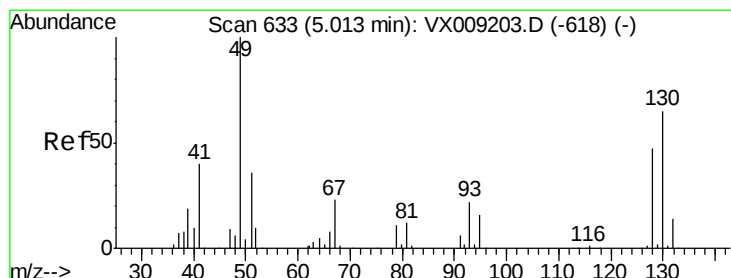
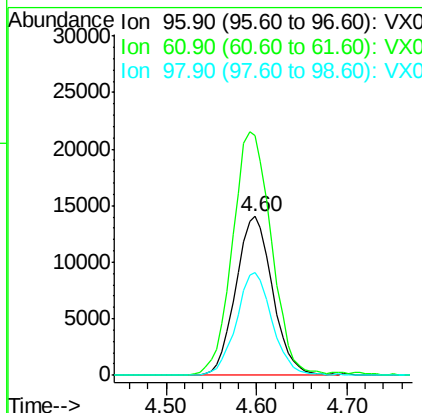
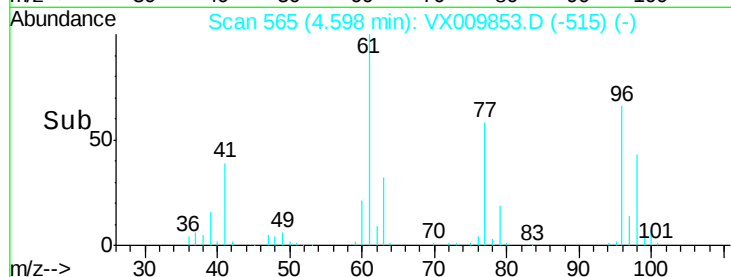
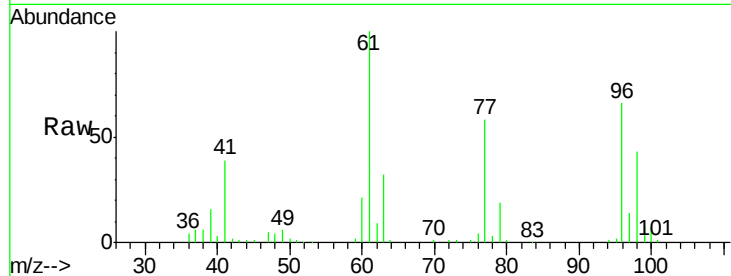
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 39527 |       |       |
| 61      | 161.9 | 0.0   | 324.0 |       |
| 98      | 63.1  | 0.0   | 130.4 |       |

Manual Integrations  
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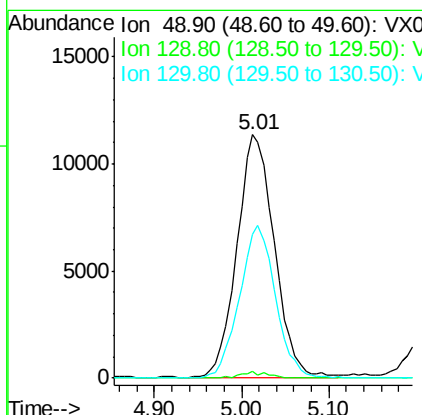
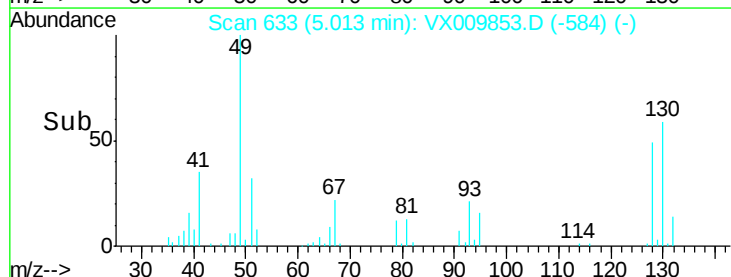
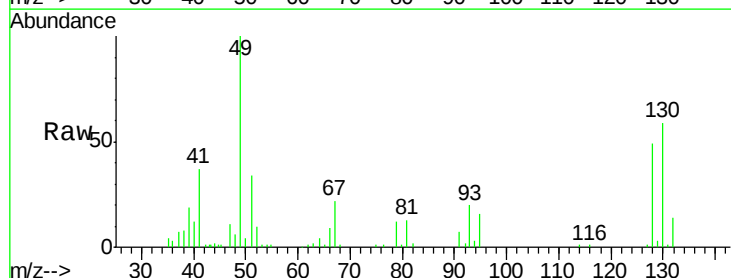
5/24/2019 9:01:56 AM

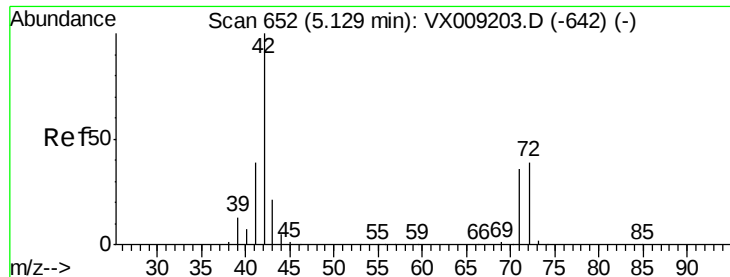


#28

Bromochloromethane  
Concen: 19.410 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. 0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 34006 |       |       |
| 129     | 1.7   | 0.0   | 3.8   |       |
| 130     | 60.1  | 51.2  | 76.8  |       |





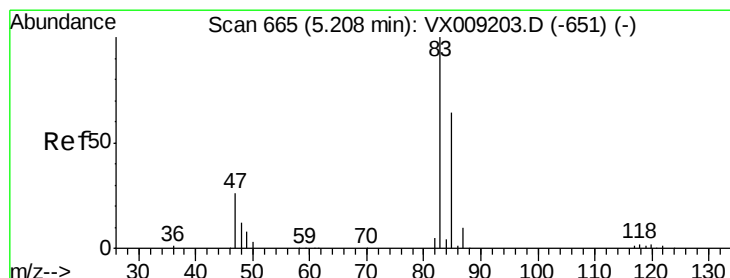
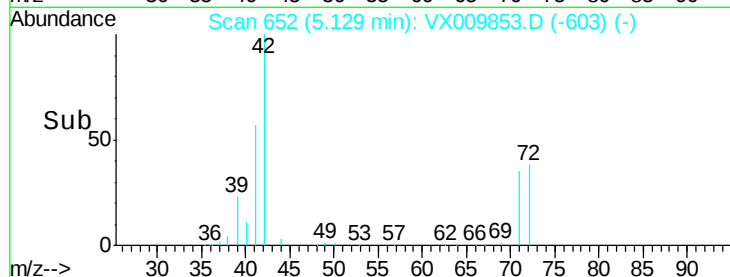
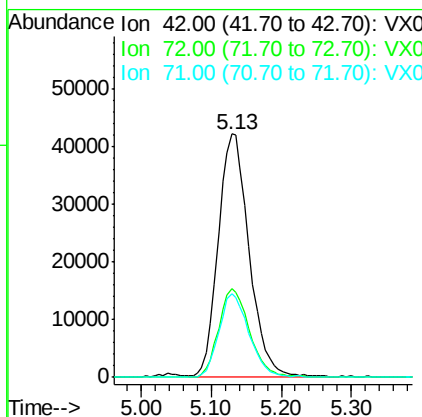
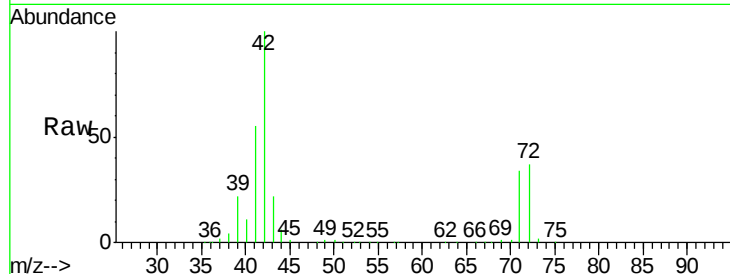
#29  
Tetrahydrofuran  
Concen: 94.591 ug/l  
RT: 5.13 min Scan# 652  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0523MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 37.1  | 30.4  | 45.6  |
| 71      | 33.9  | 28.6  | 43.0  |

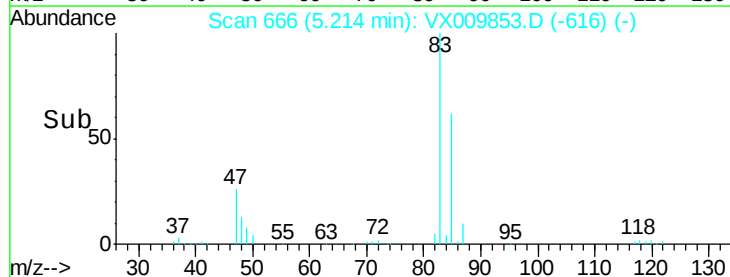
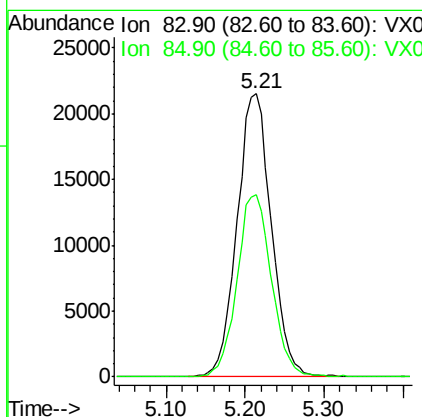
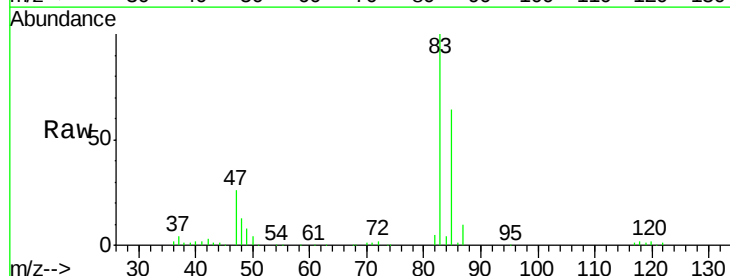
Manual Integrations  
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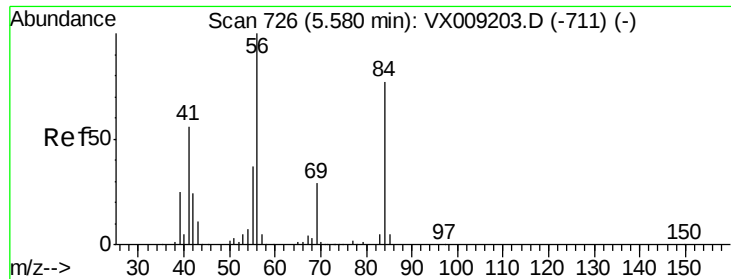
MMDadoda  
5/24/2019 9:01:56 AM



#30  
Chloroform  
Concen: 17.941 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.01 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.2  | 51.5  | 77.3  |





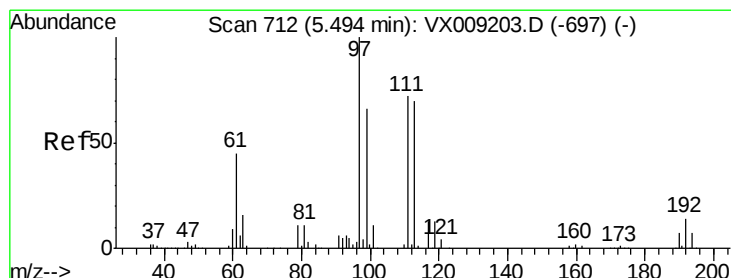
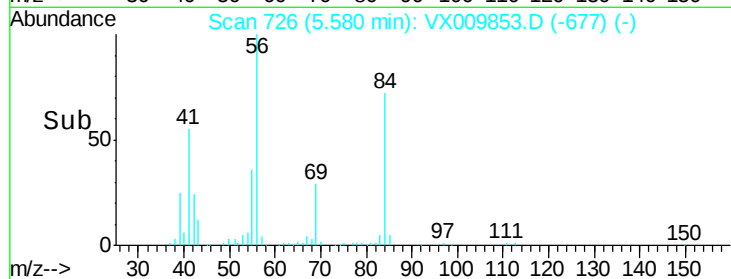
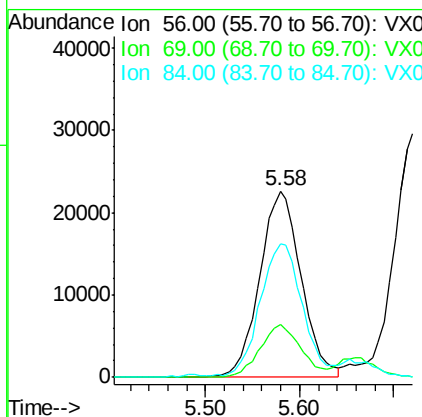
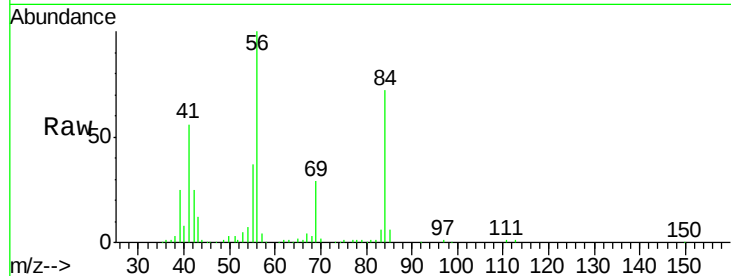
#31  
Cyclohexane  
Concen: 18.631 ug/l  
RT: 5.58 min Scan# 726  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 56    | Resp: | 69441 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 28.6  | 23.4  | 35.0  |
| 84        | 70.3  | 61.9  | 92.9  |

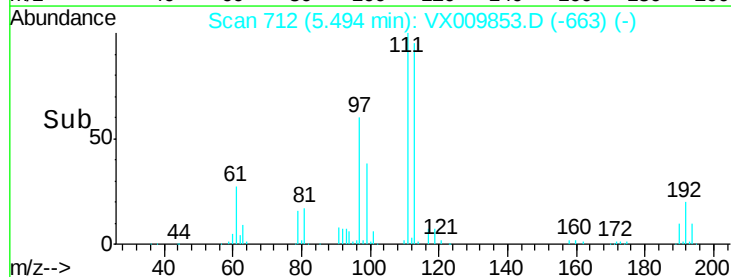
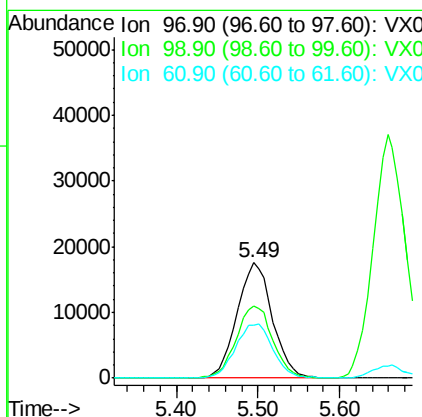
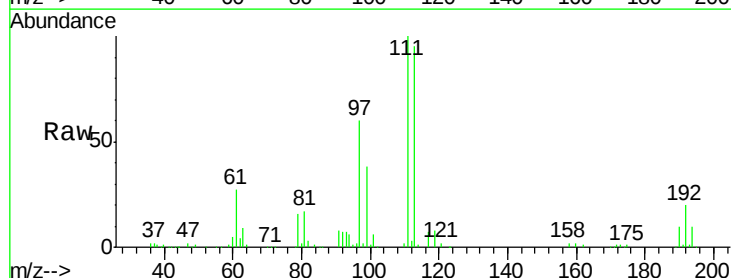
Manual Integrations  
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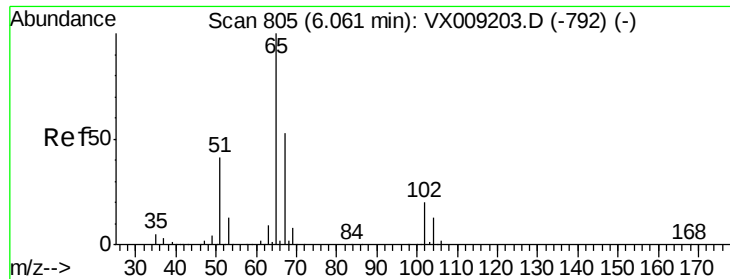
MMDadoda  
5/24/2019 9:01:56 AM



#32  
1,1,1-Trichloroethane  
Concen: 17.520 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 52843 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 64.4  | 51.8  | 77.8  |
| 61        | 49.7  | 37.8  | 56.8  |





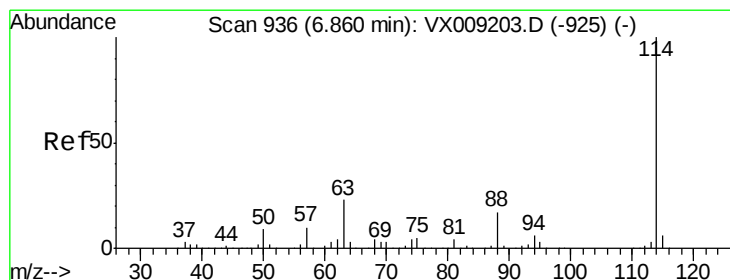
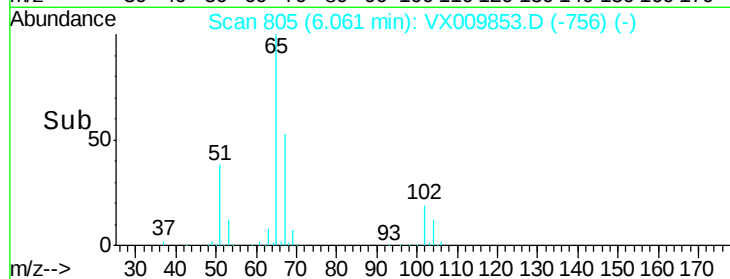
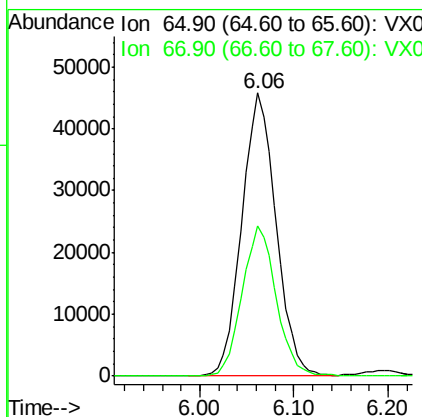
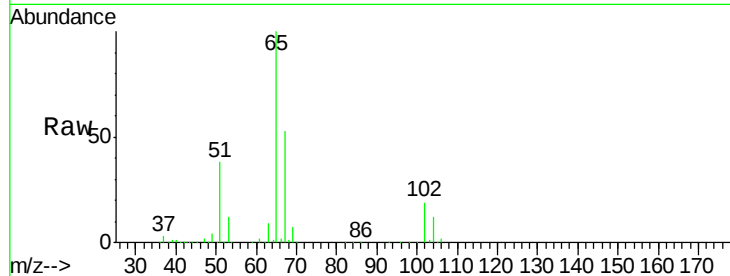
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.321 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0523MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.8  | 0.0   | 106.6 |

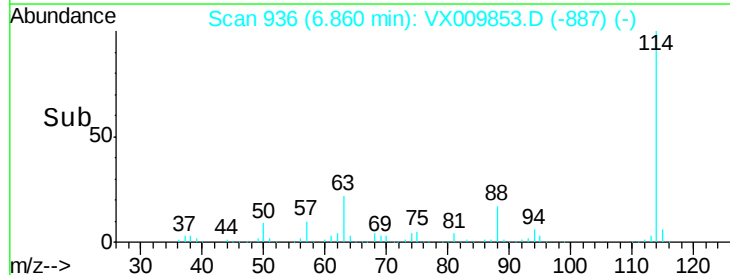
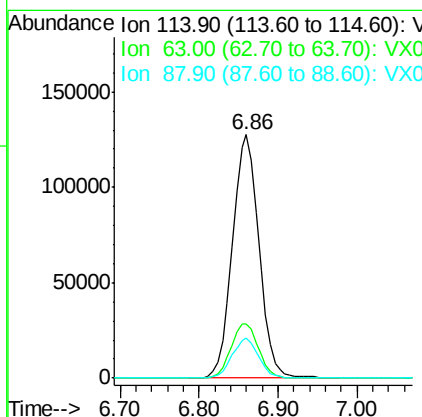
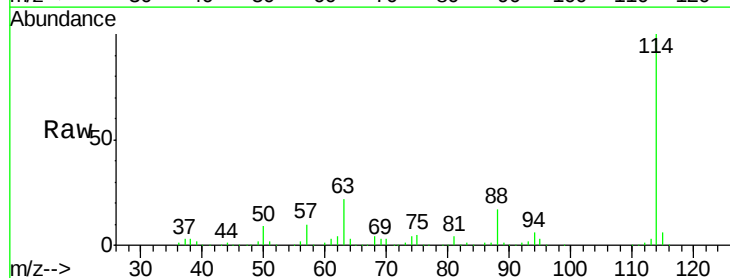
Manual Integrations  
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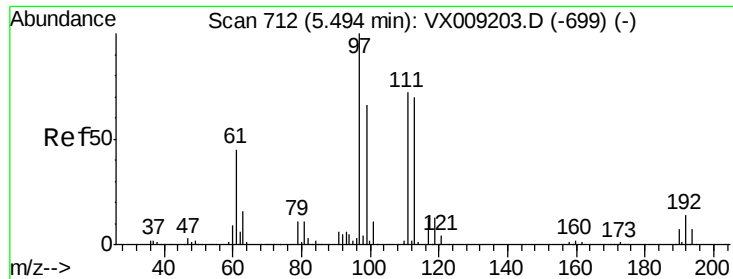
MMDadoda  
 5/24/2019 9:01:56 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 22.4  | 0.0   | 45.6  |
| 88      | 16.5  | 0.0   | 33.2  |





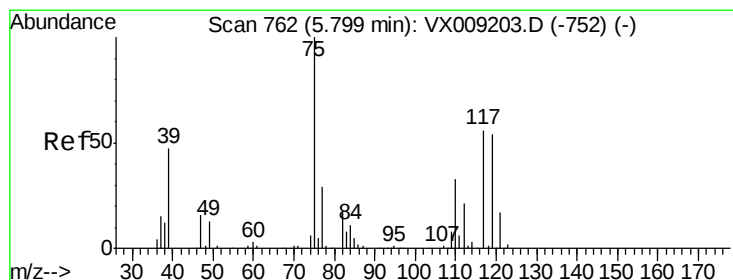
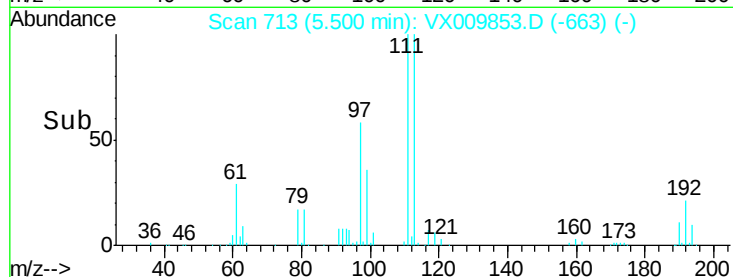
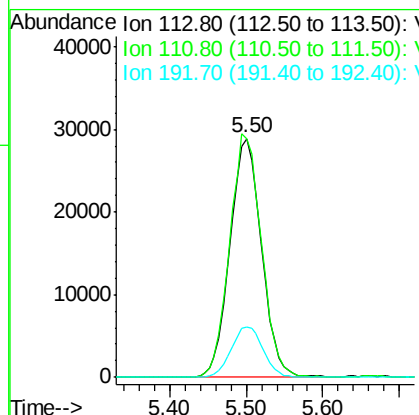
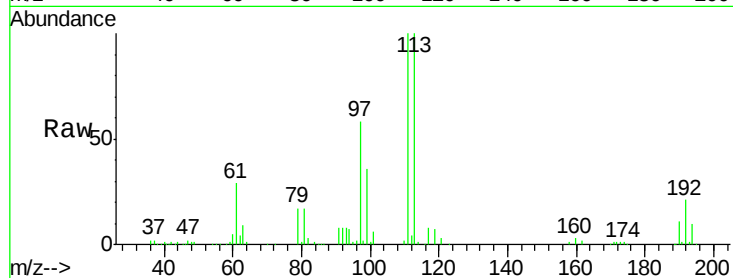
#35  
 Dibromofluoromethane  
 Concen: 44.002 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.01 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0523MBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 82592 |       |       |
| 111     | 102.4 | 82.8  | 124.2 |       |
| 192     | 21.4  | 17.0  | 25.6  |       |

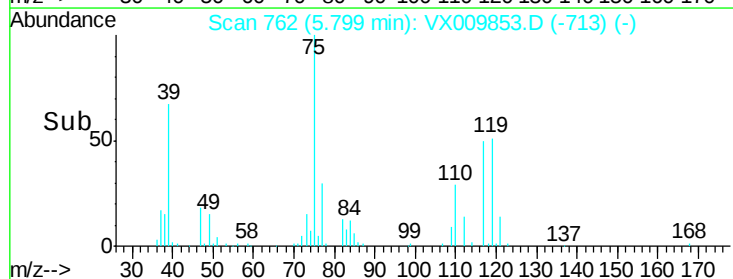
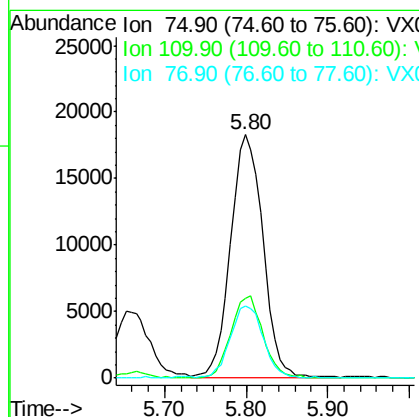
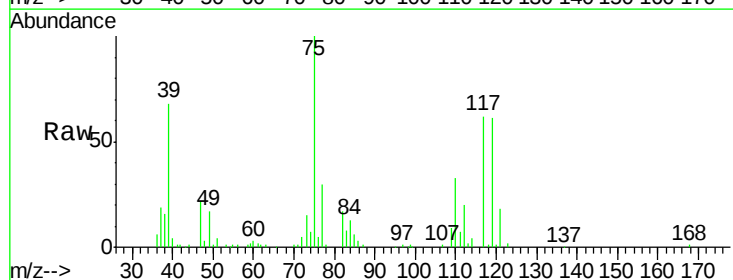
Manual Integrations  
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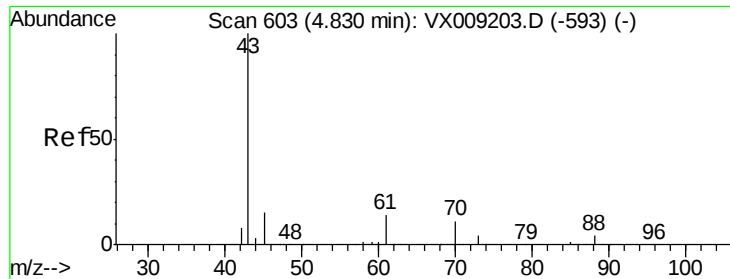
MMDadoda  
 5/24/2019 9:01:56 AM



#36  
 1,1-Dichloropropene  
 Concen: 18.000 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 49947 |       |       |
| 110     | 33.7  | 16.9  | 50.6  |       |
| 77      | 30.8  | 24.8  | 37.2  |       |





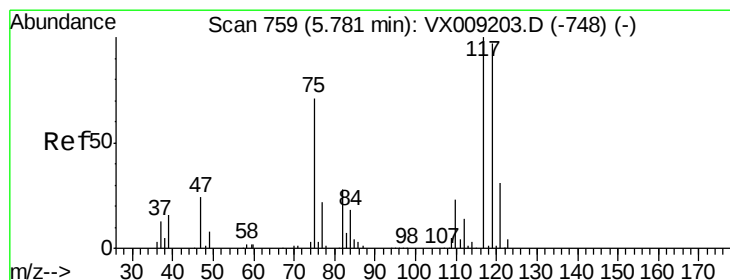
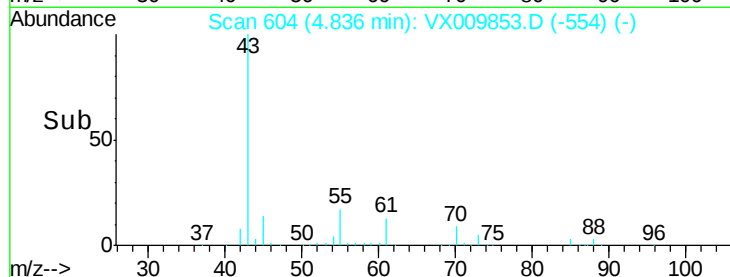
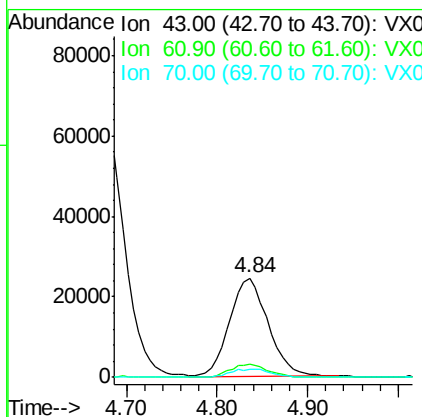
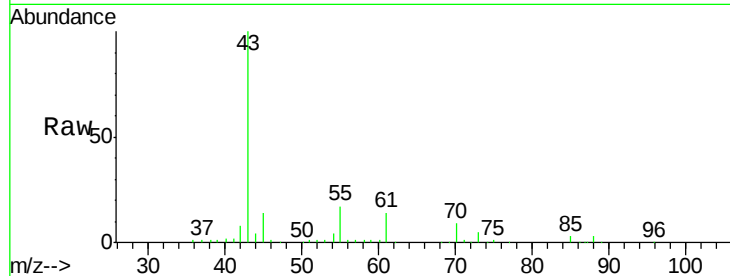
#37  
Ethyl Acetate  
Concen: 18.681 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. 0.01 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0523MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 72221 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.5  | 10.5  | 15.7  |
| 70       | 9.2   | 7.9   | 11.9  |

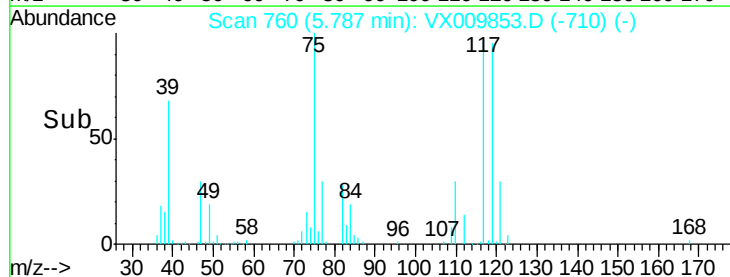
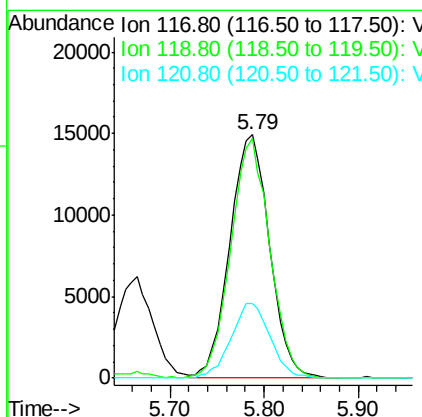
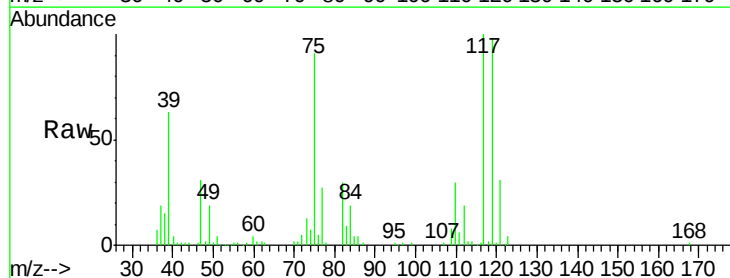
Manual Integrations  
APPROVED

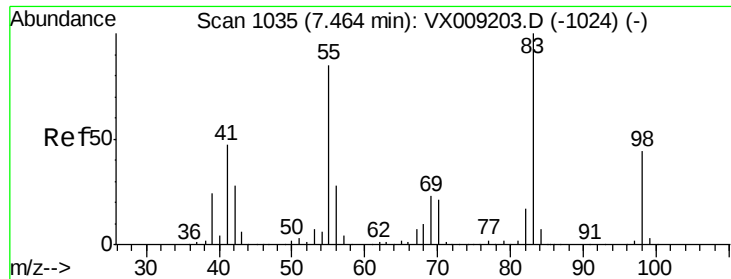
MMDadoda  
5/24/2019 9:01:56 AM



#38  
Carbon Tetrachloride  
Concen: 17.436 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. 0.01 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 43957 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 98.2  | 77.5  | 116.3 |
| 121      | 30.8  | 24.7  | 37.1  |





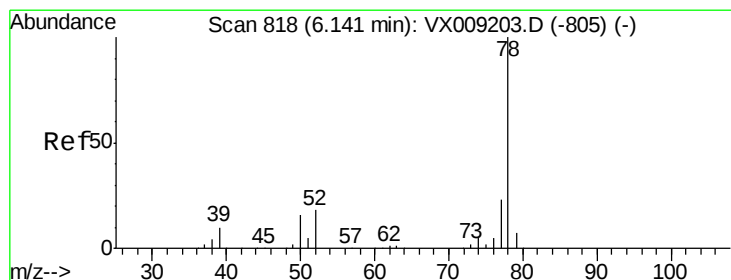
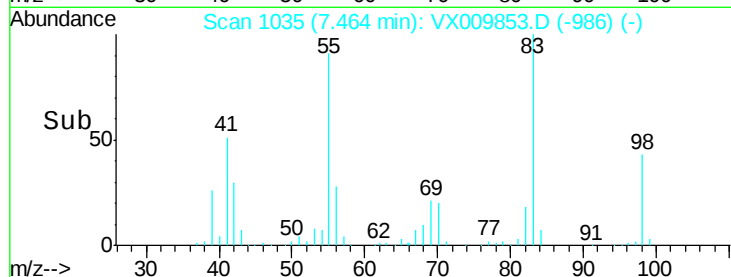
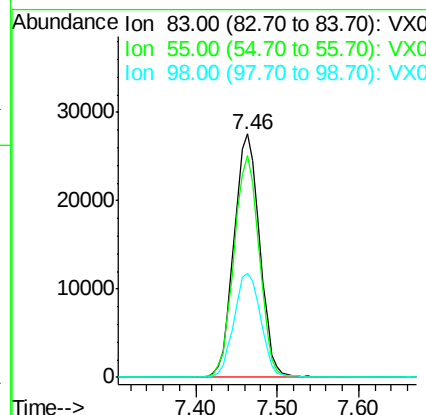
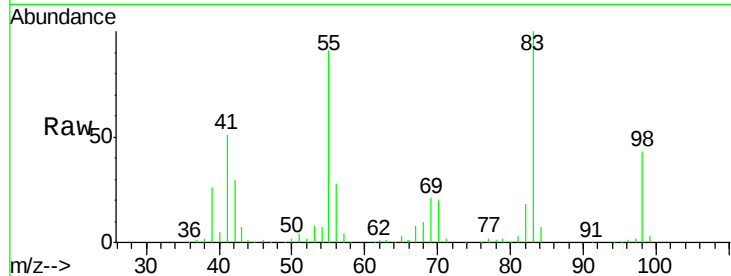
#39  
Methvlcvclohexane  
Concen: 17.536 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 91.3  | 67.7  | 101.5 |
| 98      | 42.9  | 35.5  | 53.3  |

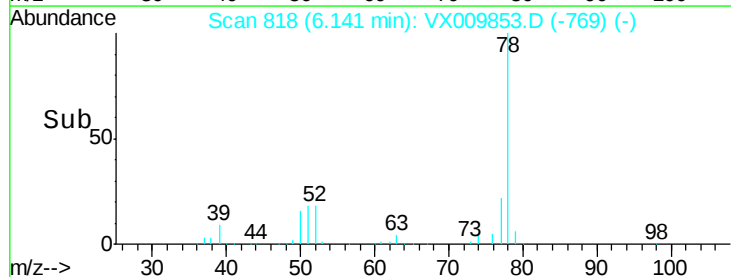
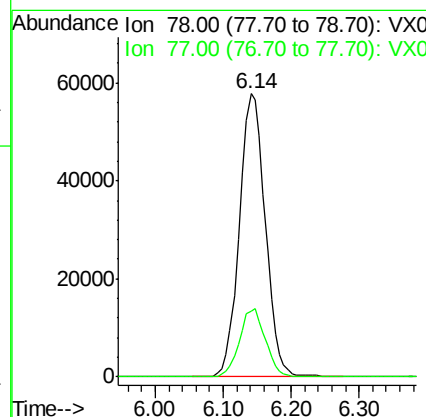
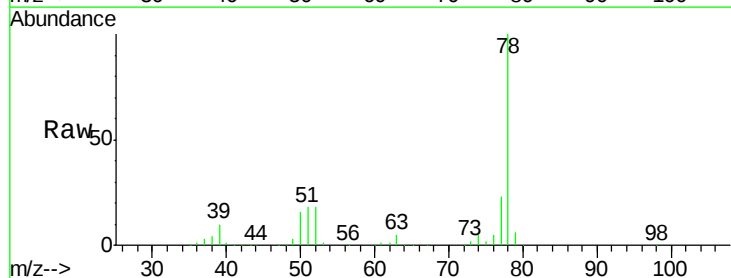
Manual Integrations  
APPROVED

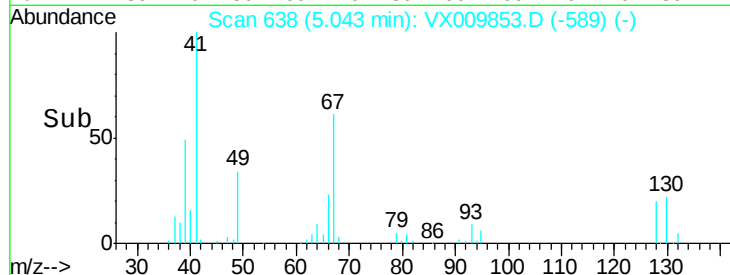
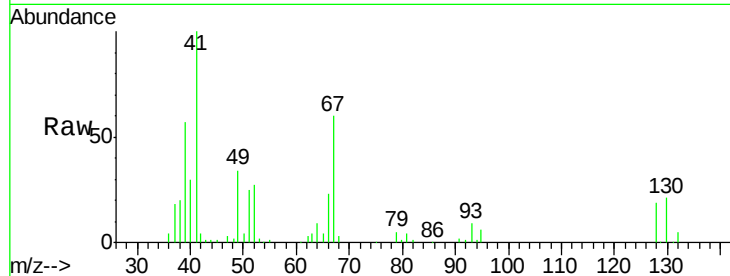
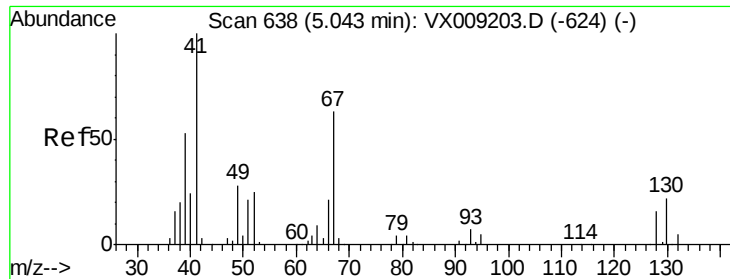
MMDadoda  
5/24/2019 9:01:56 AM



#40  
Benzene  
Concen: 17.810 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.1  | 18.8  | 28.2  |





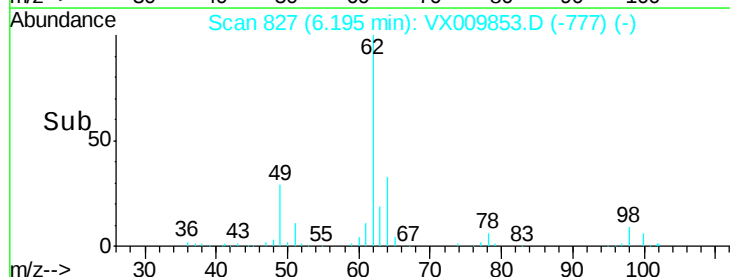
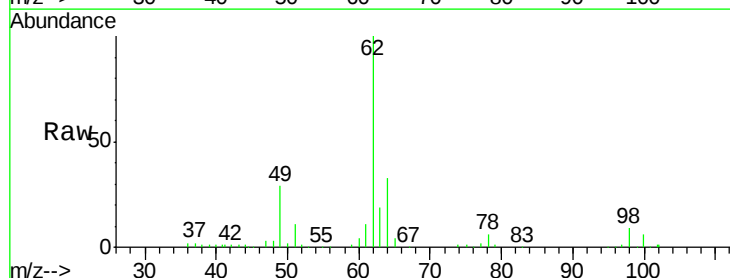
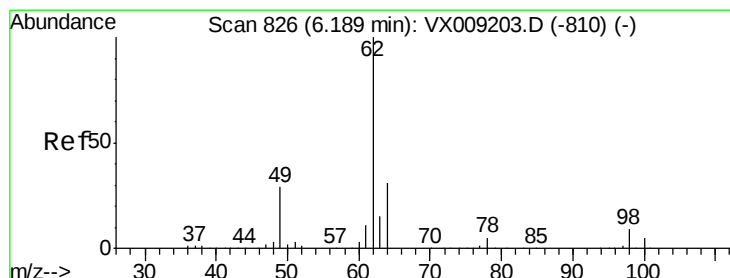
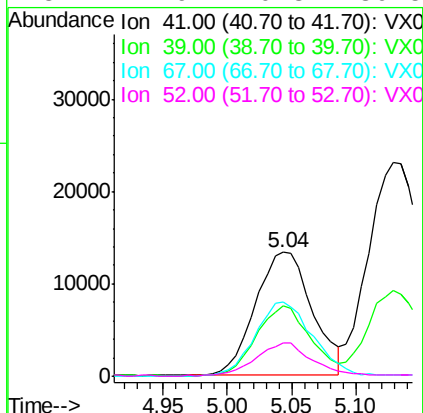
#41  
Methacrylonitrile  
Concen: 17.818 ug/l  
RT: 5.04 min Scan# 638  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 41006 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.7  | 42.0  | 63.0  |
| 67       | 62.0  | 49.8  | 74.8  |
| 52       | 27.9  | 20.3  | 30.5  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

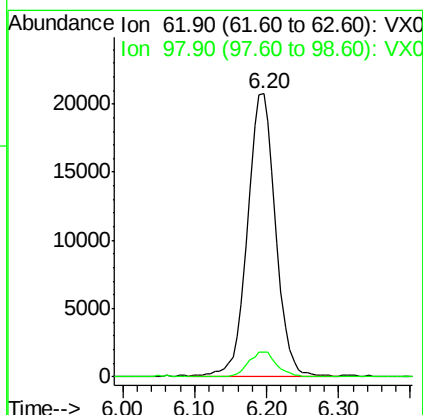
Manual Integrations  
APPROVED

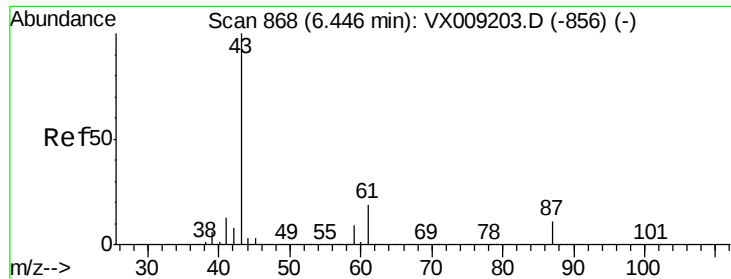
MMDadoda  
5/24/2019 9:01:56 AM



#42  
1,2-Dichloroethane  
Concen: 18.306 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.01 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 56392 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.8   | 0.0   | 18.2  |





#43

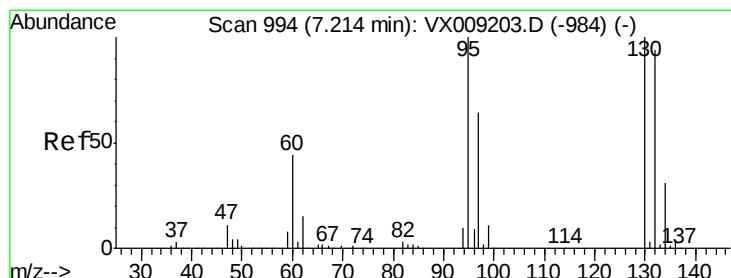
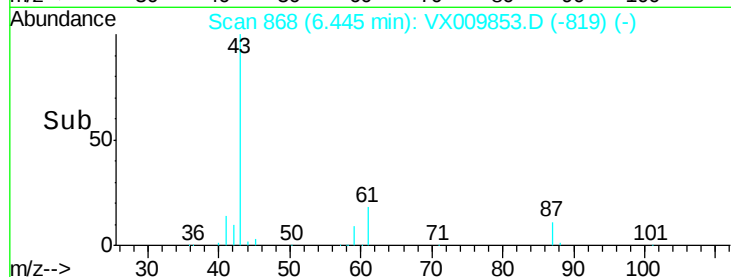
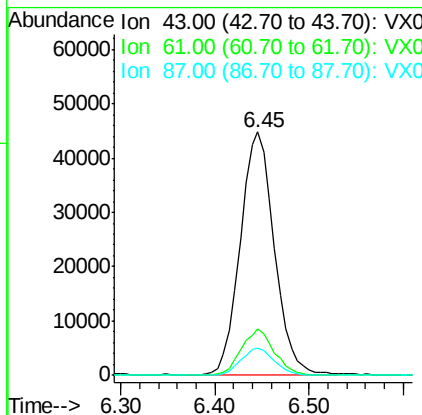
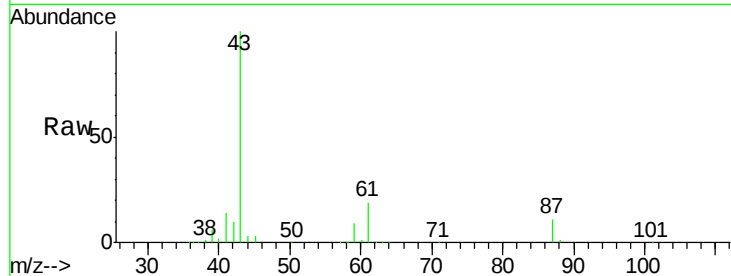
Isopropyl Acetate  
 Concen: 18.227 ug/l  
 RT: 6.45 min Scan# 868  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0523MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.6  | 15.1  | 22.7  |
| 87      | 11.1  | 9.0   | 13.6  |

Manual Integrations  
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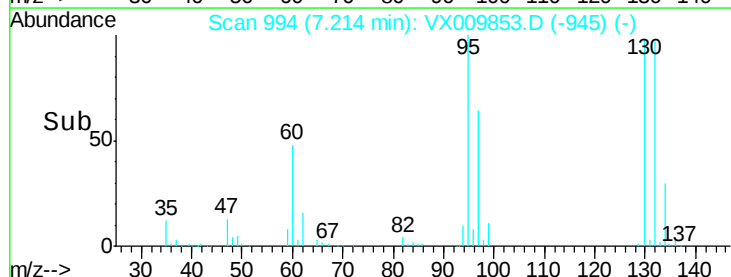
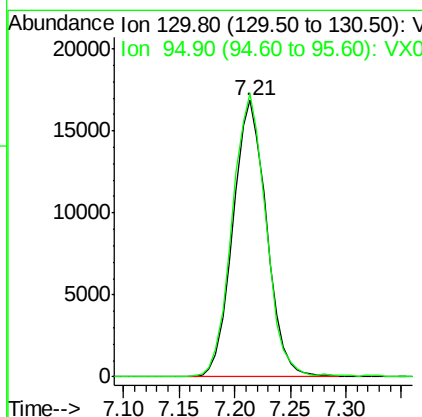
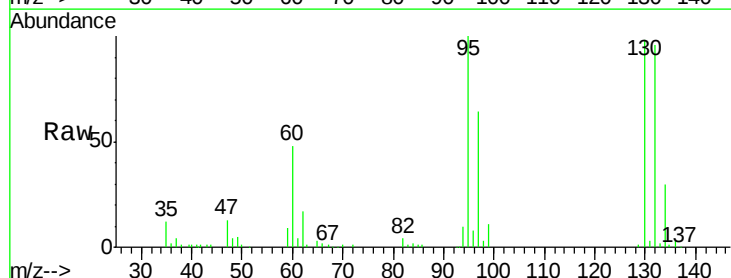
MMDadoda  
 5/24/2019 9:01:56 AM

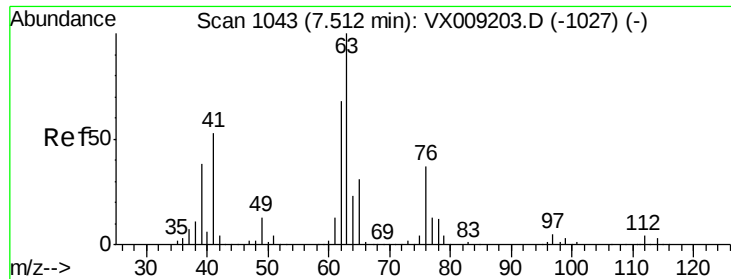


#44

Trichloroethene  
 Concen: 17.046 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 102.4 | 0.0   | 199.2 |





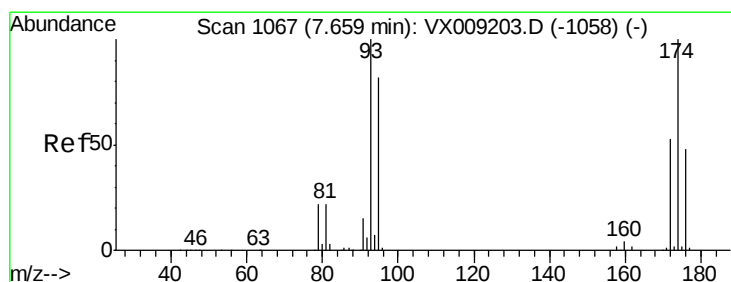
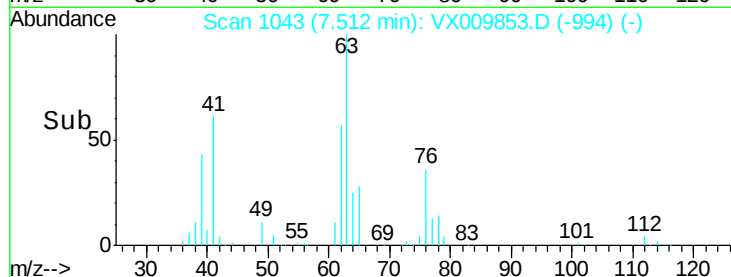
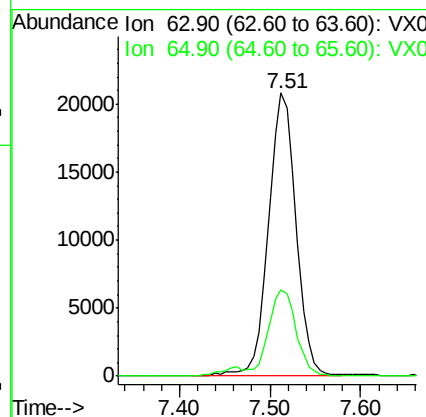
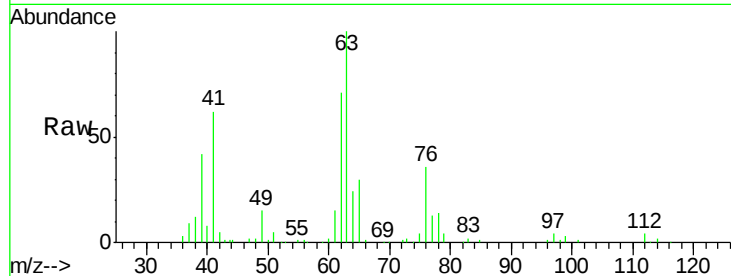
#45  
 1,2-Dichloropropane  
 Concen: 18.064 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0523MBS01

Tot Ion: 63 Resp: 43926  
 Ion Ratio Lower Upper  
 63 100  
 65 30.4 25.0 37.6

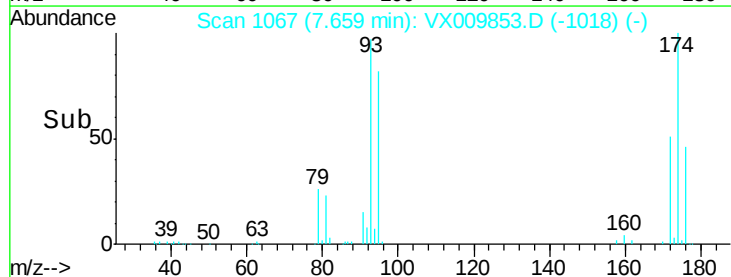
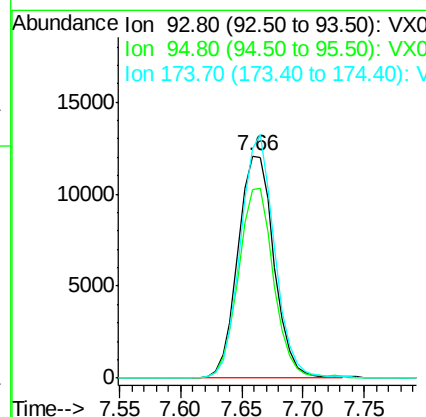
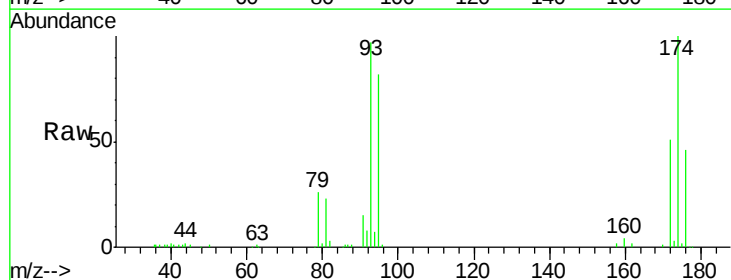
Manual Integrations  
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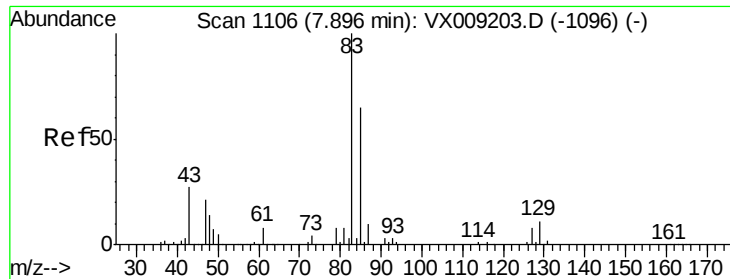
MMDadoda  
 5/24/2019 9:01:56 AM



#46  
 Dibromomethane  
 Concen: 17.523 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

Tgt Ion: 93 Resp: 24743  
 Ion Ratio Lower Upper  
 93 100  
 95 83.5 66.5 99.7  
 174 103.1 82.1 123.1





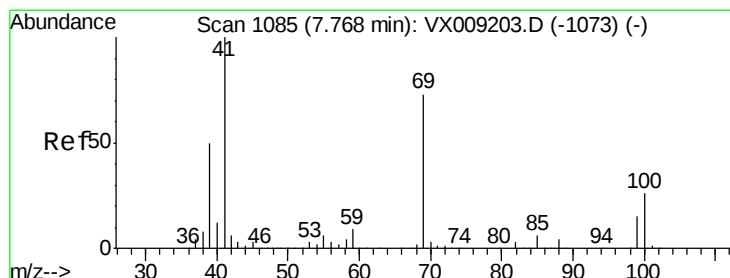
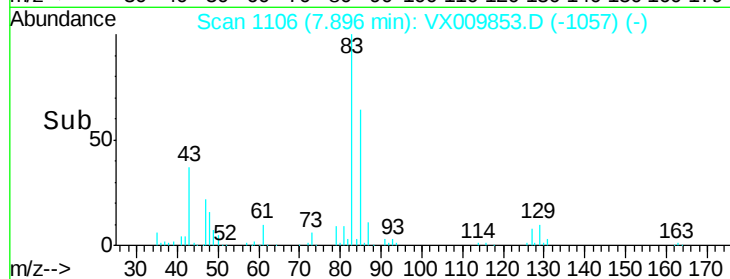
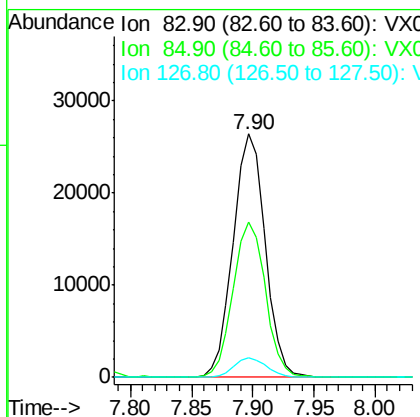
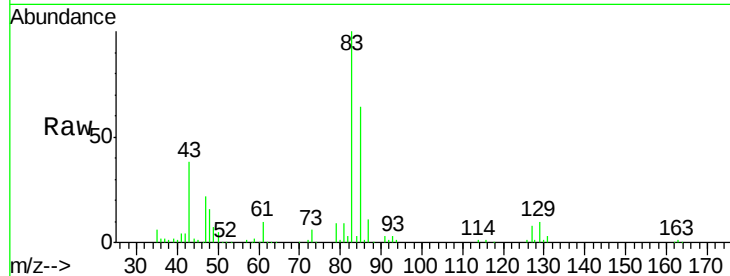
#47  
Bromodichloromethane  
Concen: 17.059 ug/l  
RT: 7.90 min Scan# 1106  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 85      | 63.8  | 52.4 | 78.6  |       |
| 127     | 7.9   | 6.6  | 10.0  |       |

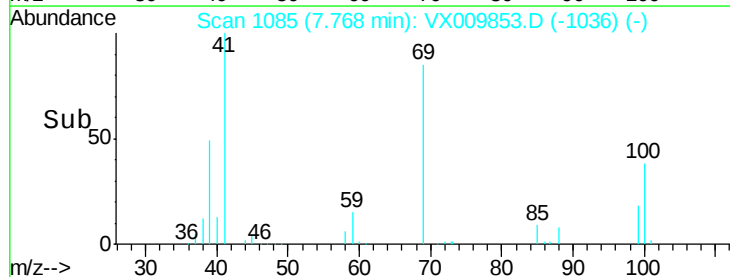
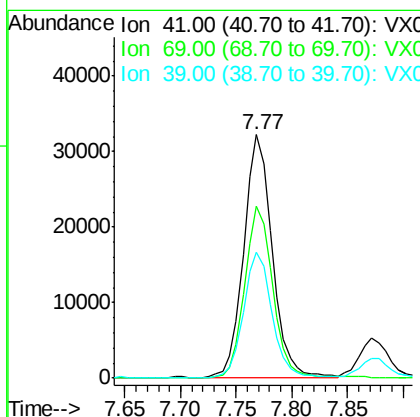
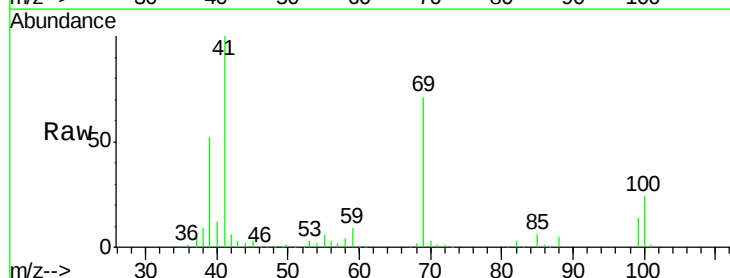
Manual Integrations  
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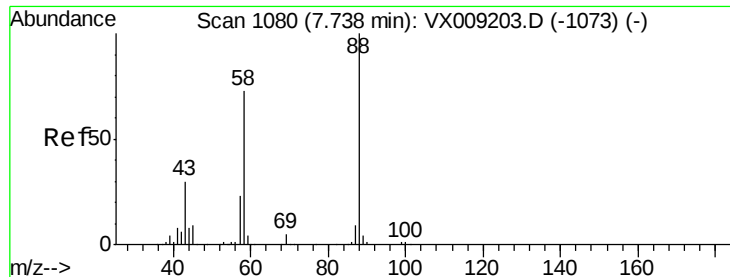
MMDadoda  
5/24/2019 9:01:56 AM



#48  
Methyl methacrylate  
Concen: 18.720 ug/l  
RT: 7.77 min Scan# 1085  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 41      | 100   |      |       |       |
| 69      | 70.0  | 59.1 | 88.7  |       |
| 39      | 51.0  | 40.4 | 60.6  |       |





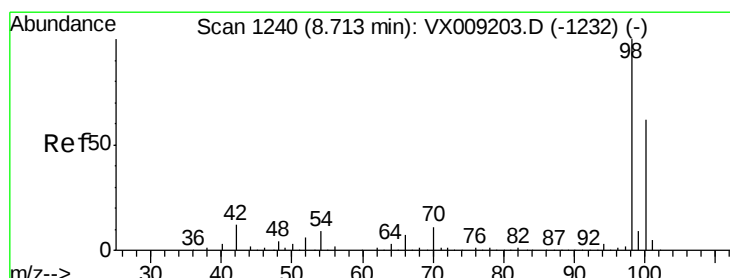
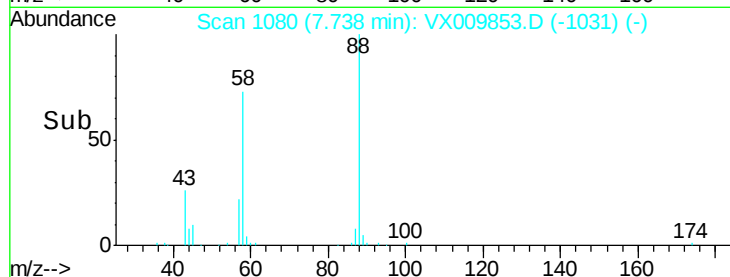
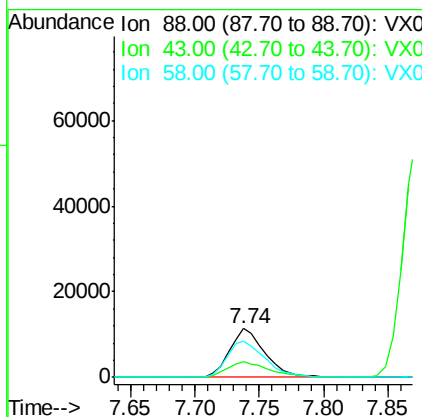
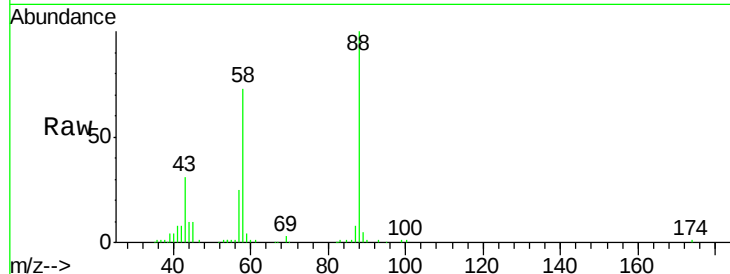
#49  
1,4-Dioxane  
Concen: 352.687 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 38.0  | 28.6  | 42.8  |
| 58      | 80.5  | 61.7  | 92.5  |

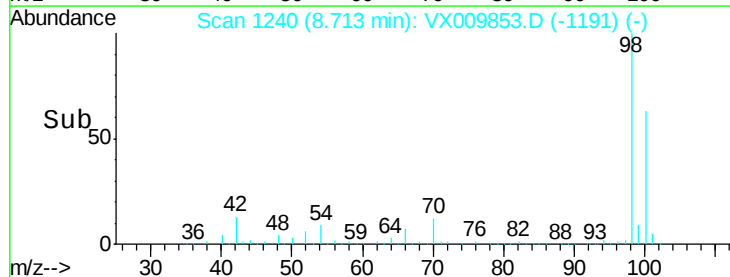
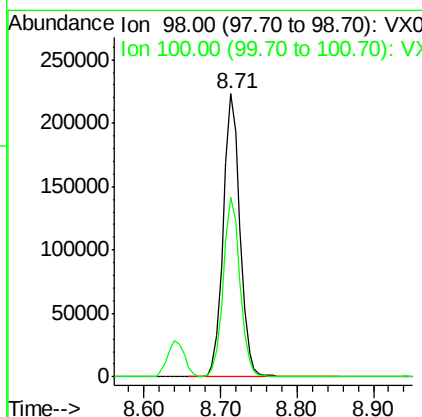
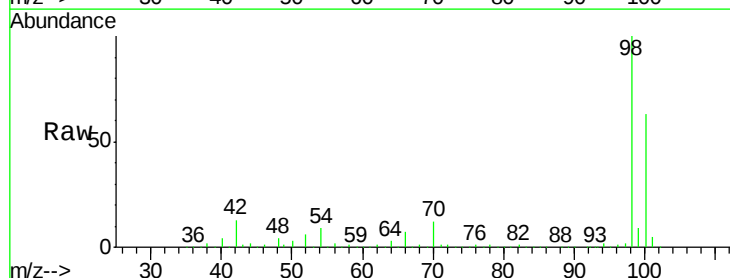
Manual Integrations  
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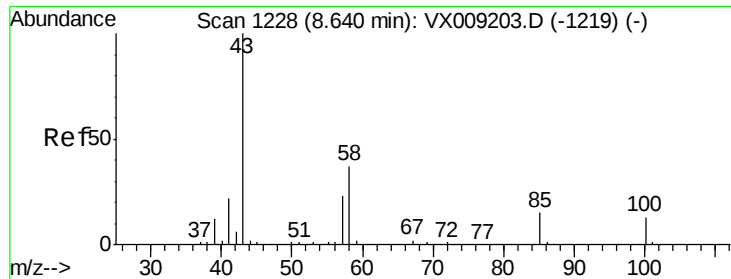
MMDadoda  
5/24/2019 9:01:56 AM



#50  
Toluene-d8  
Concen: 44.571 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.4  | 51.2  | 76.8  |





#51

4-Methyl-2-Pentanone

Concen: 94.162 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampled :

VX0523MBS01

Tot Ion: 43 Resp: 380605

Ion Ratio Lower Upper

43 100

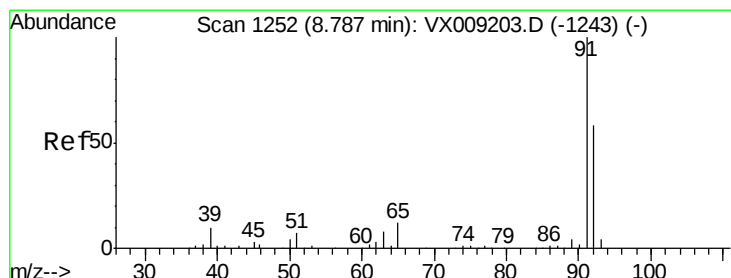
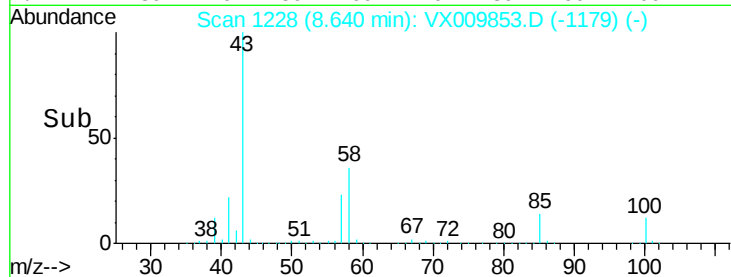
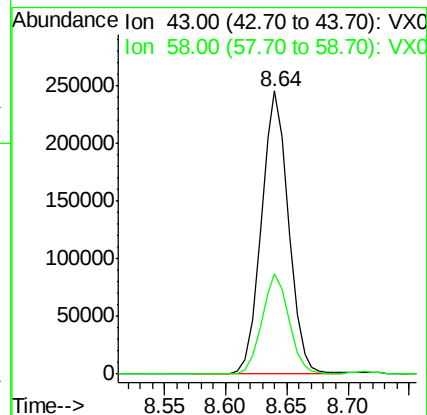
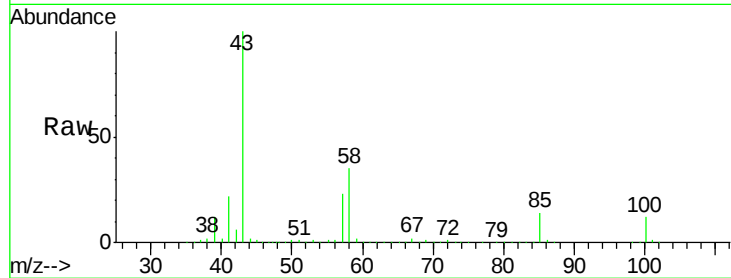
58 35.4 29.5 44.3

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#52

Toluene

Concen: 17.463 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009853.D

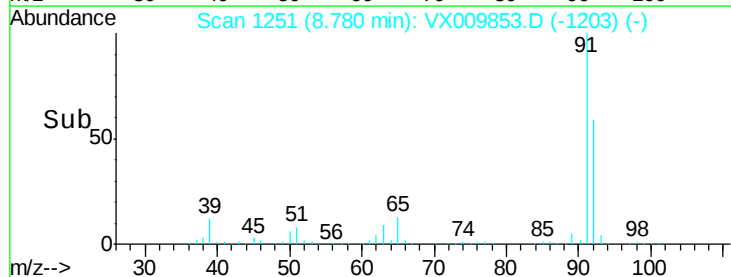
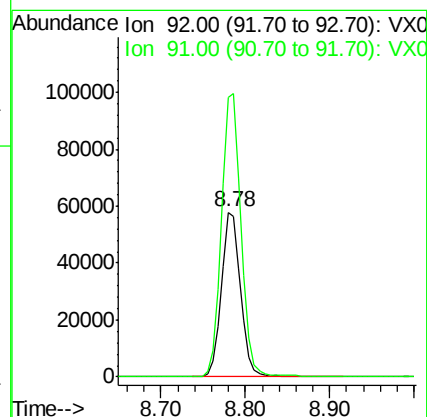
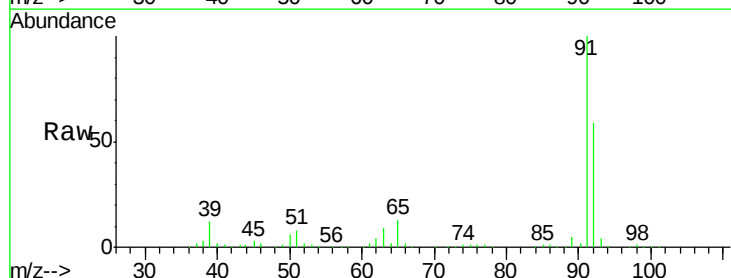
Acq: 23 May 2019 13:10

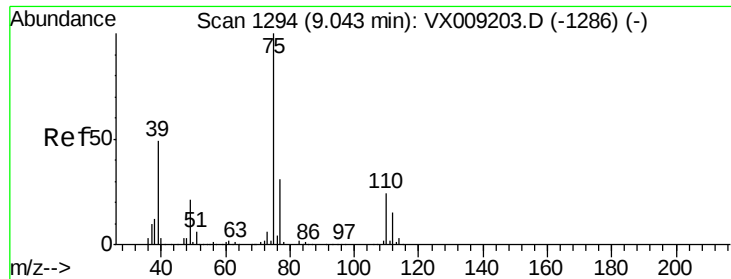
Tgt Ion: 92 Resp: 91160

Ion Ratio Lower Upper

92 100

91 175.3 138.8 208.2





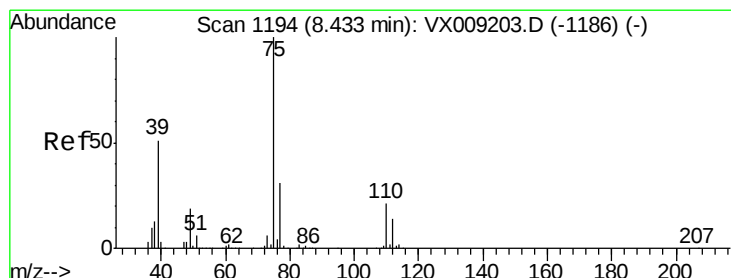
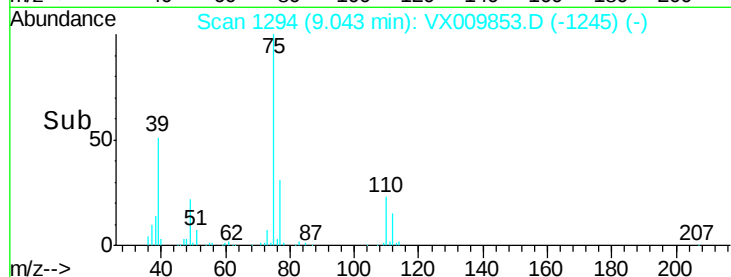
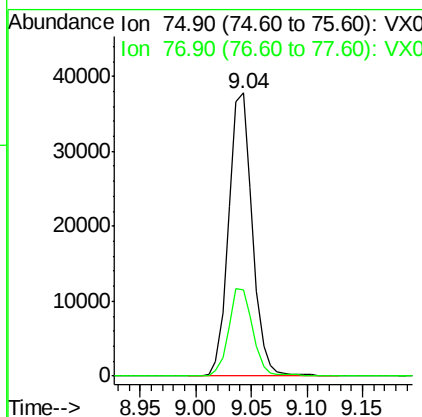
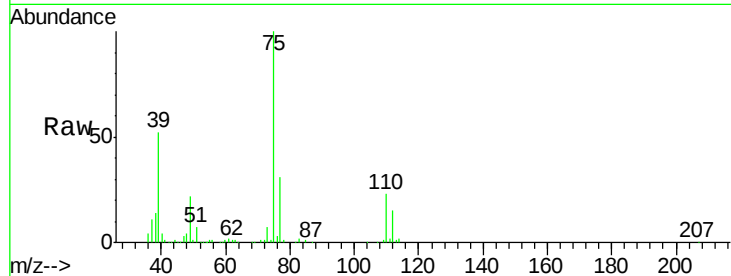
#53  
 t-1,3-Dichloropropene  
 Concen: 17.505 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0523MBS01

Tot Ion: 75 Resp: 55667  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 25.0 37.6

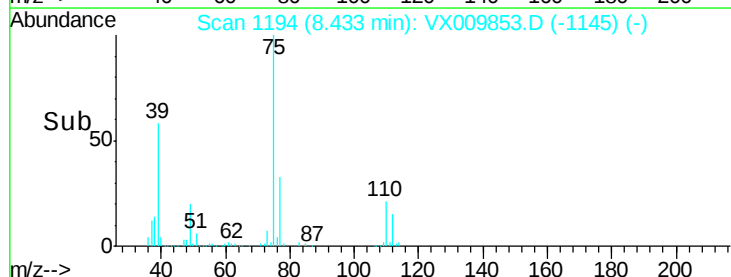
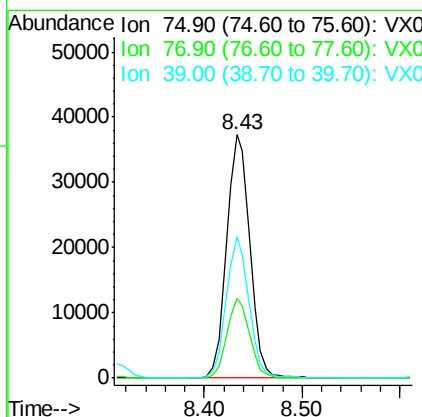
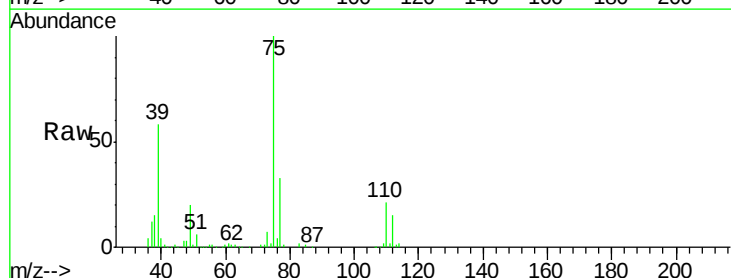
Manual Integrations  
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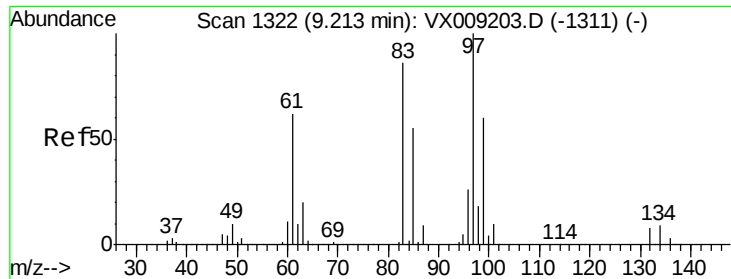
MMDadoda  
 5/24/2019 9:01:56 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 17.382 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

Tgt Ion: 75 Resp: 61183  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 24.6 36.8  
 39 57.6 40.6 60.8





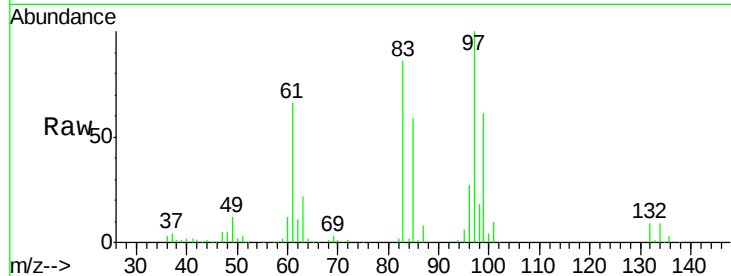
#55  
 1,1,2-Trichloroethane  
 Concen: 17.673 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0523MBS01

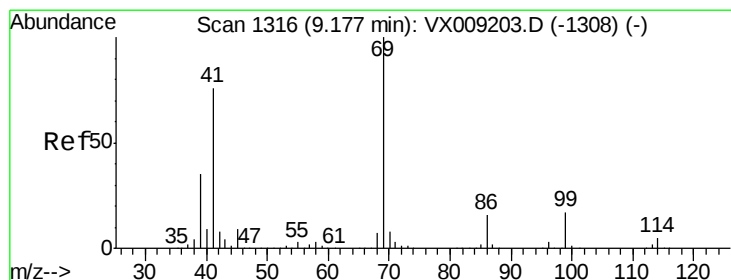
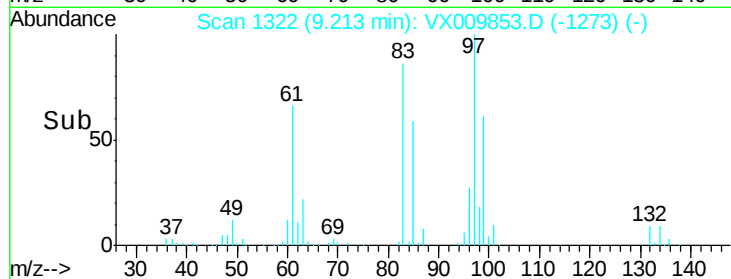
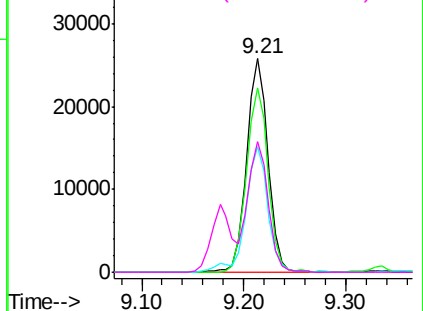
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 37637 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.3  | 68.9  | 103.3 |
| 85       | 58.8  | 43.8  | 65.6  |
| 99       | 61.0  | 48.2  | 72.2  |

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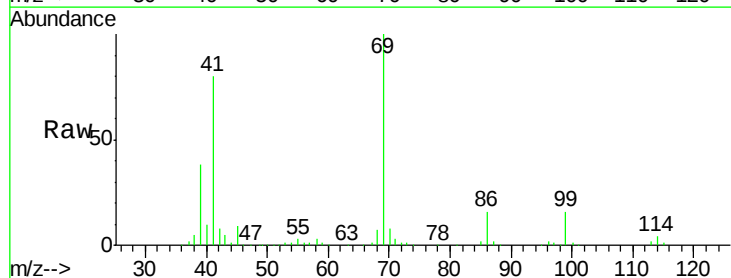


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

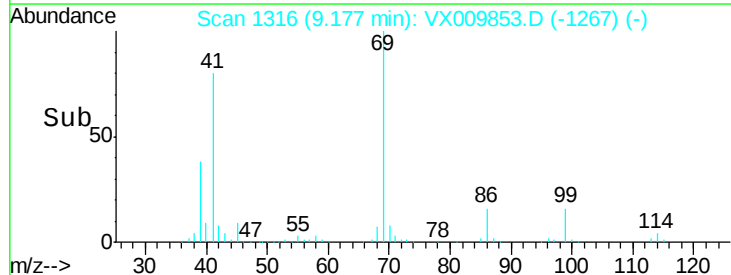
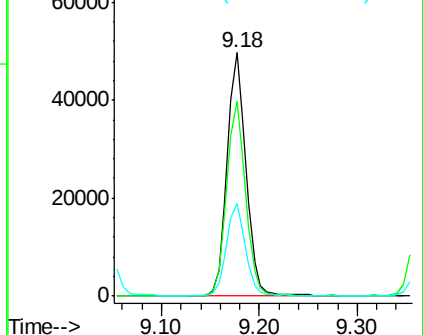


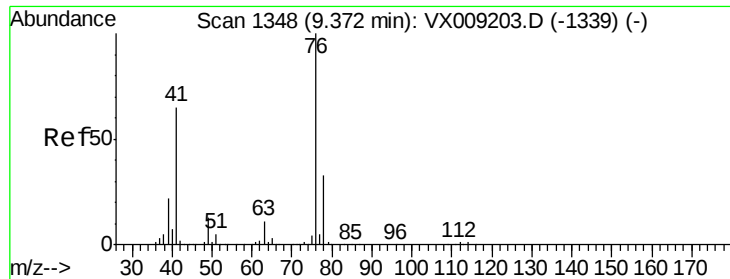
#56  
 Ethyl methacrylate  
 Concen: 17.706 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 67312 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 79.5  | 60.6  | 90.8  |
| 39       | 37.4  | 28.2  | 42.4  |



Abundance Ion 69.00 (68.70 to 69.70): VX0  
 Ion 41.00 (40.70 to 41.70): VX0  
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 17.533 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampled :

VX0523MBS01

Tot Ion: 76 Resp: 65707

Ion Ratio Lower Upper

76 100

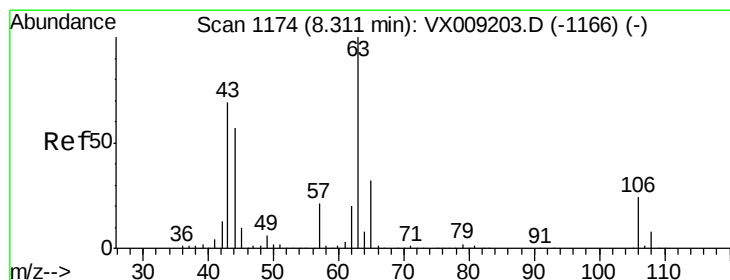
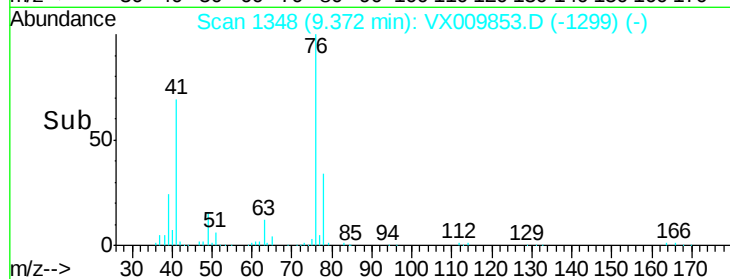
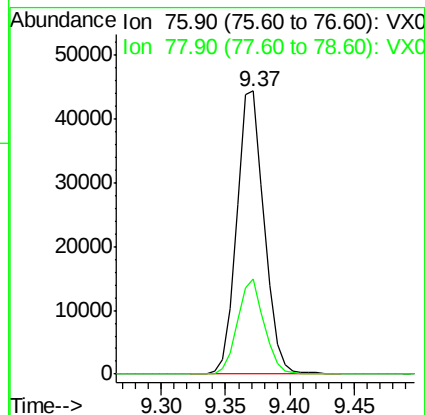
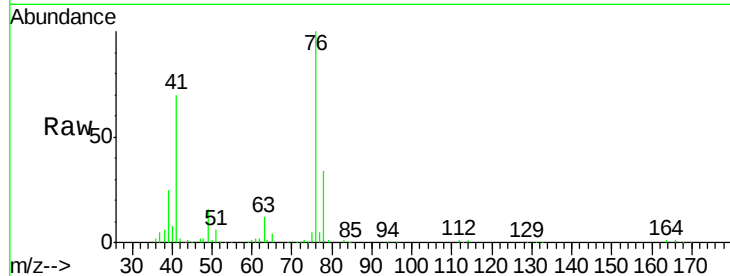
78 32.5 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 85.391 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009853.D

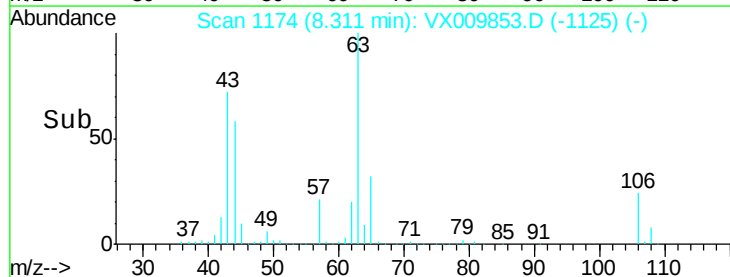
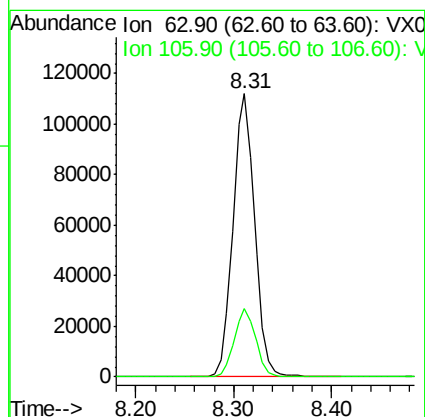
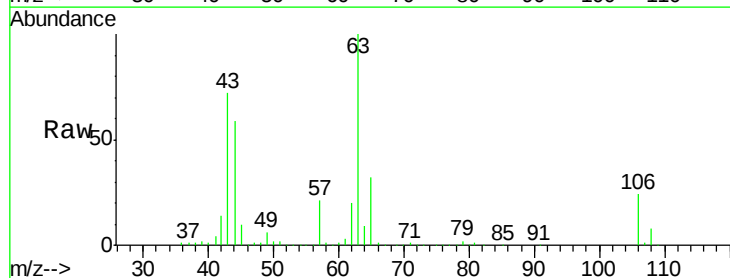
Acq: 23 May 2019 13:10

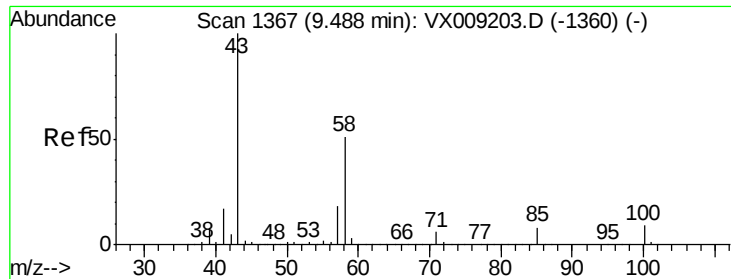
Tgt Ion: 63 Resp: 172208

Ion Ratio Lower Upper

63 100

106 24.1 19.7 29.5





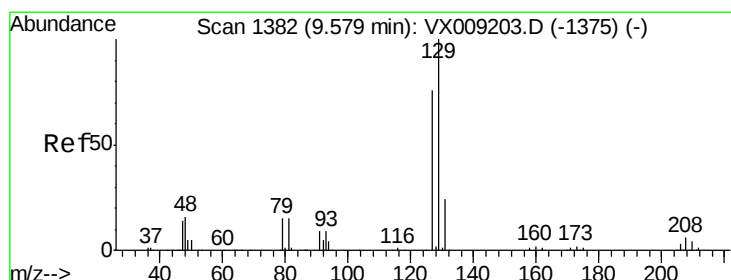
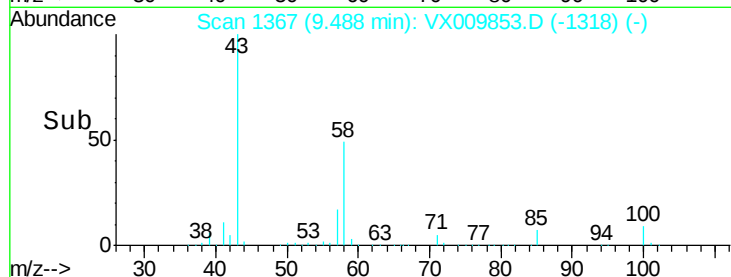
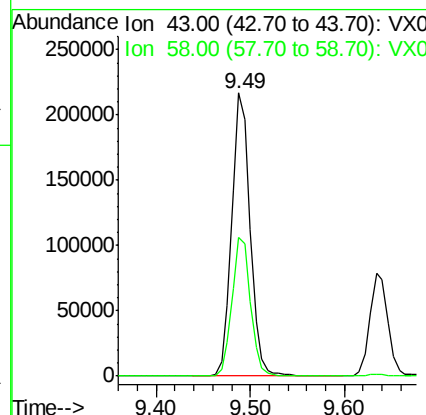
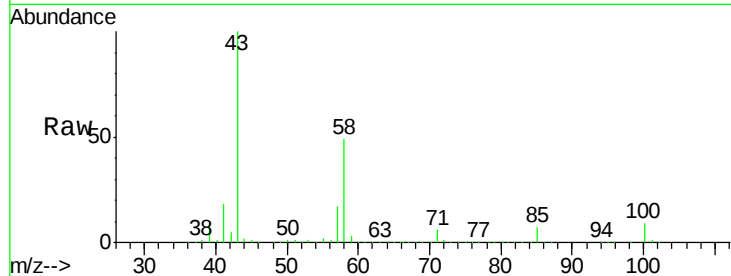
#59  
2-Hexanone  
Concen: 92.551 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

Tot Ion: 43 Resp: 293807  
Ion Ratio Lower Upper  
43 100  
58 50.0 25.9 77.7

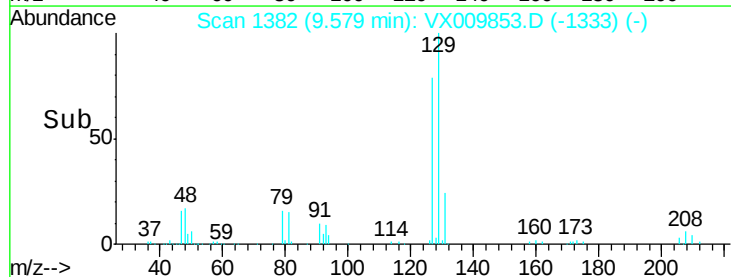
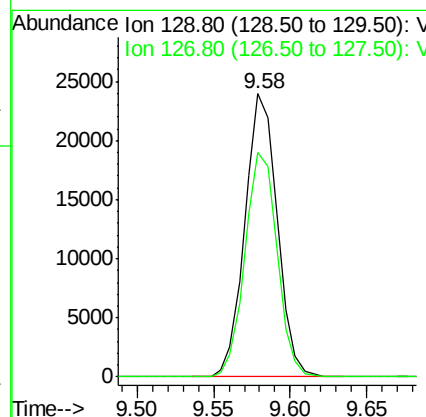
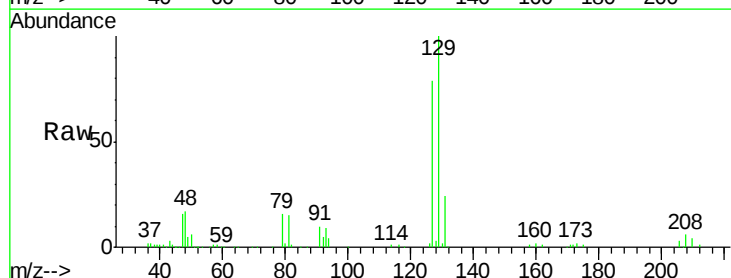
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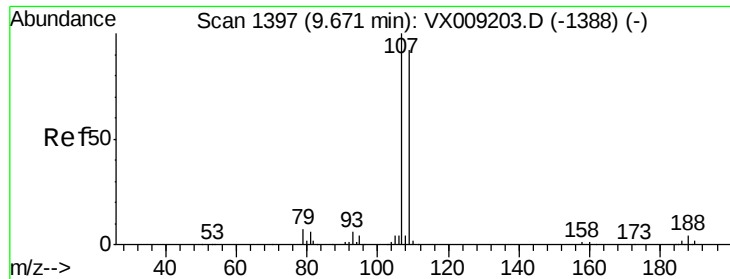
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#60  
Dibromochloromethane  
Concen: 16.929 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Tgt Ion: 129 Resp: 35213  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 17.484 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0523MBS01

Tot Ion:107 Resp: 37585

Ion Ratio Lower Upper

107 100

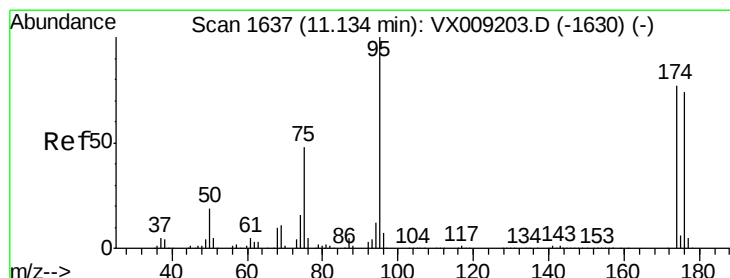
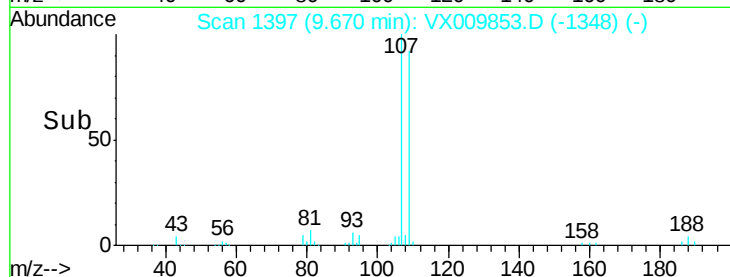
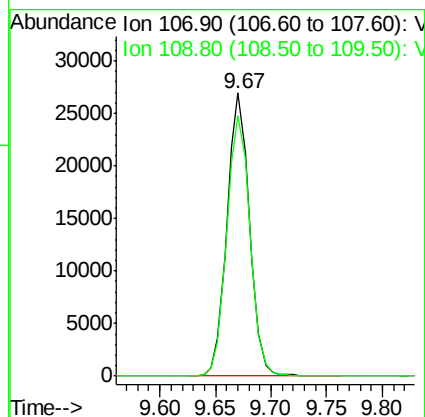
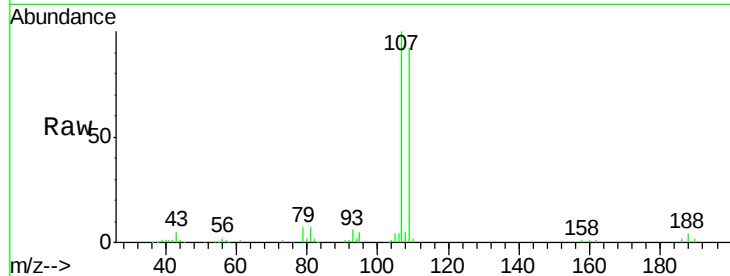
109 95.7 75.2 112.8

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#62

4-Bromofluorobenzene

Concen: 43.545 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

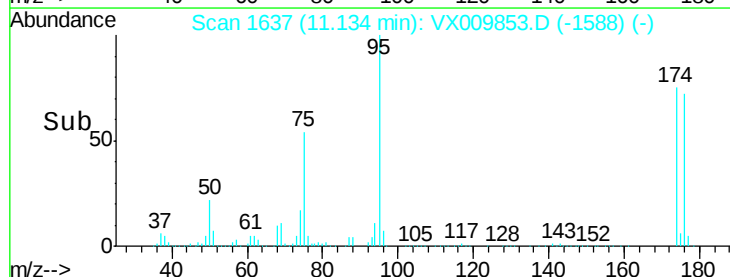
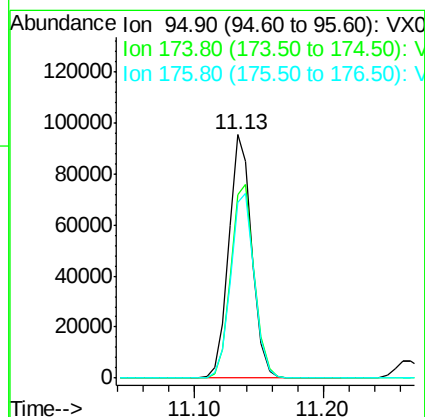
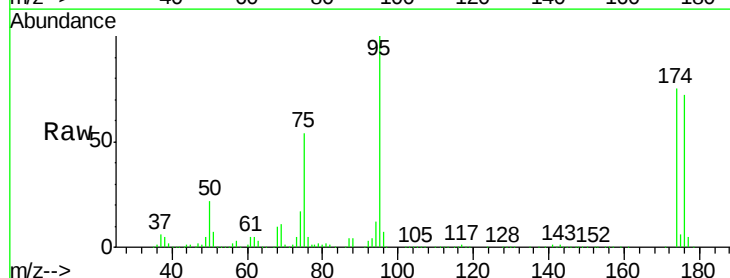
Tgt Ion: 95 Resp: 119903

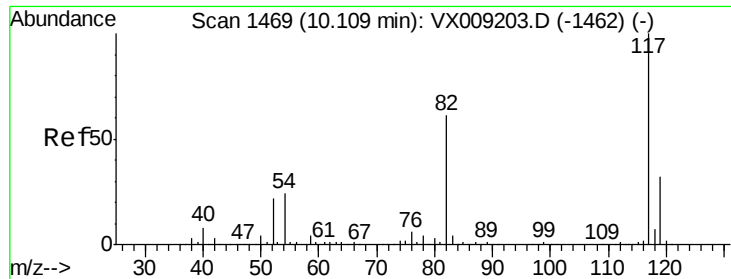
Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.6

176 78.1 0.0 159.2





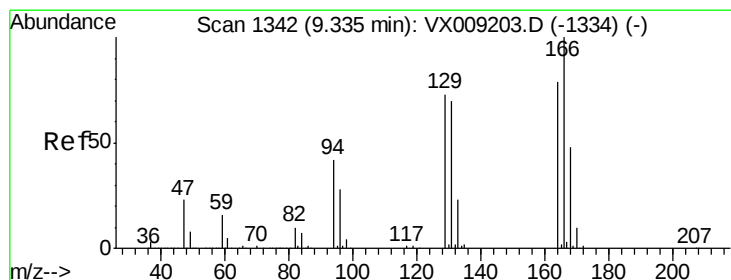
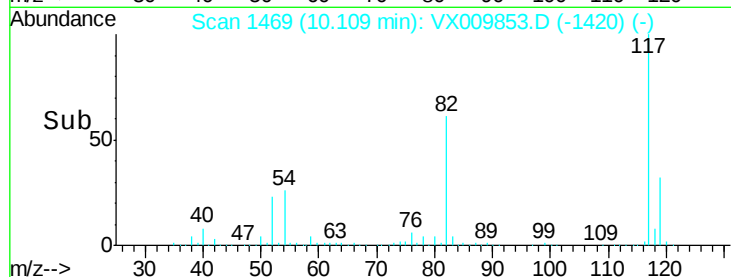
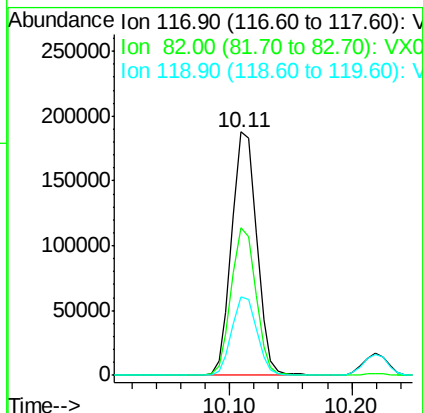
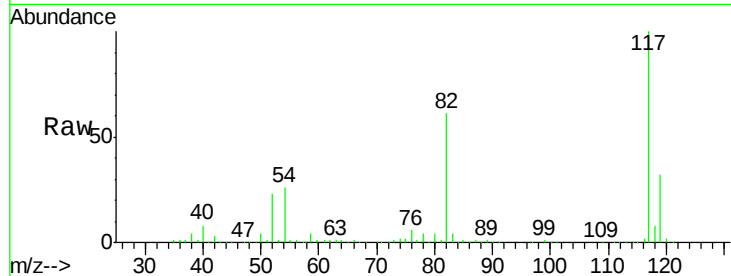
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 60.9  | 48.8  | 73.2  |
| 119     | 32.0  | 25.8  | 38.6  |

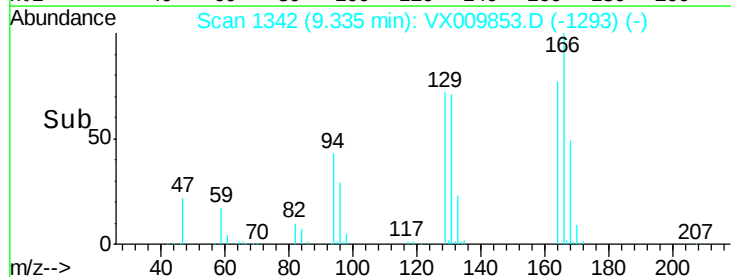
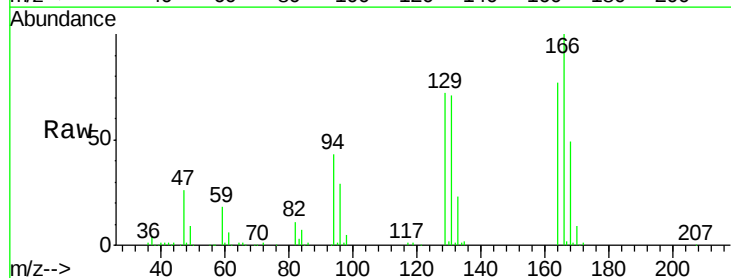
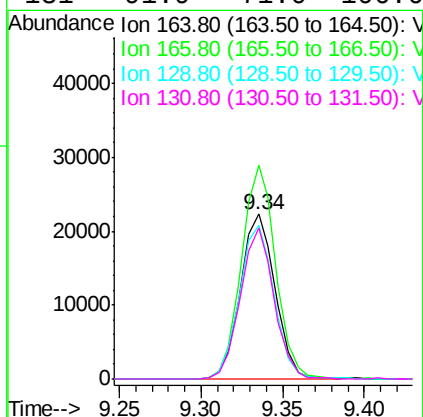
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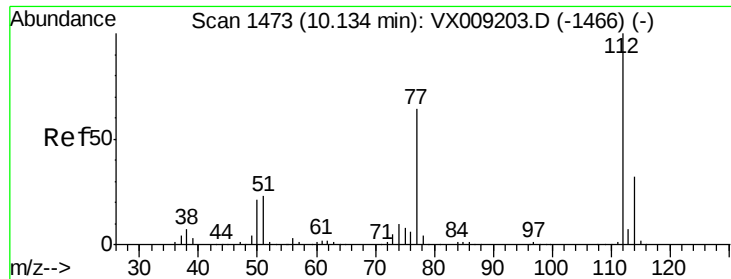
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5/24/2019 9:01:56 AM



#64  
Tetrachloroethene  
Concen: 18.083 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.7 | 101.2 | 151.8 |
| 129     | 93.4  | 74.3  | 111.5 |
| 131     | 91.9  | 71.0  | 106.6 |





#65

Chlorobenzene

Concen: 17.554 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0523MBS01

Tot Ion:112 Resp: 93599

Ion Ratio Lower Upper

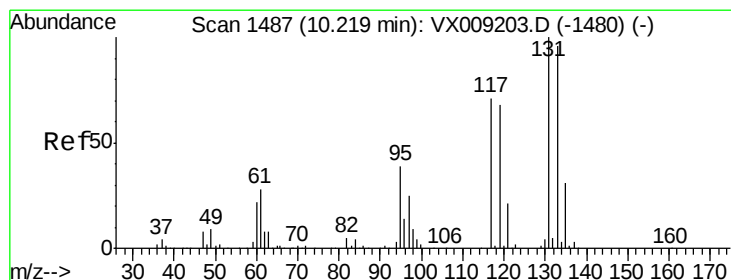
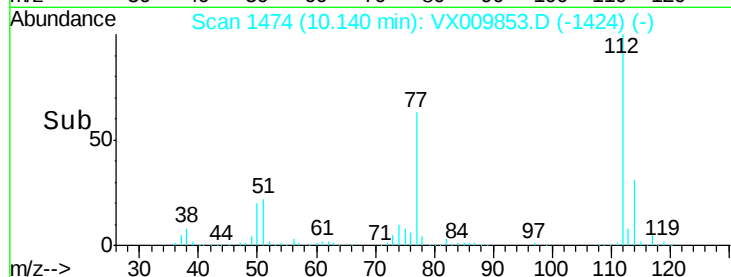
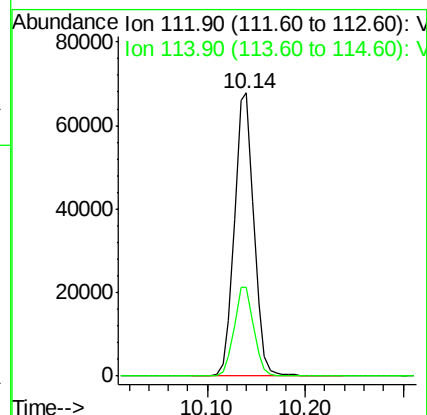
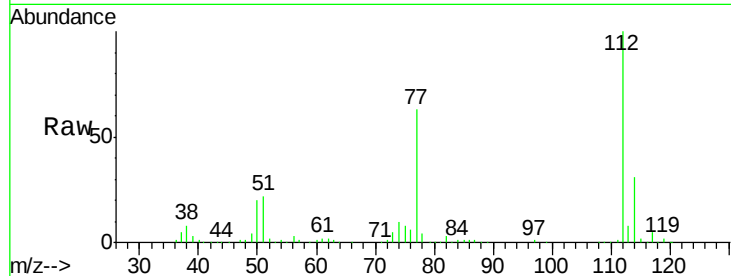
112 100

114 31.4 25.5 38.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 17.377 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

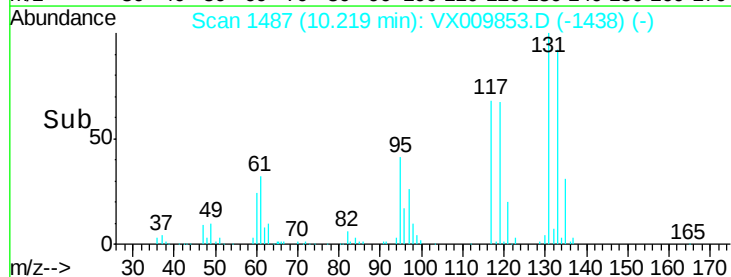
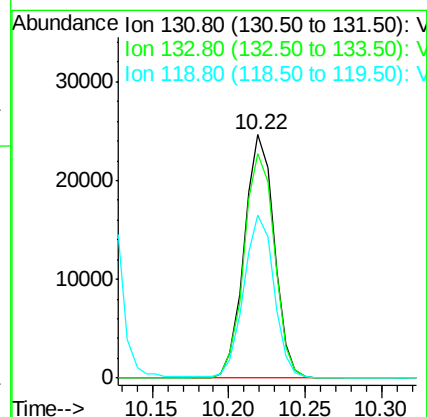
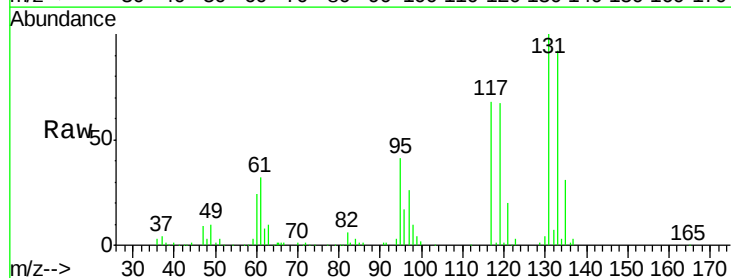
Tgt Ion:131 Resp: 33591

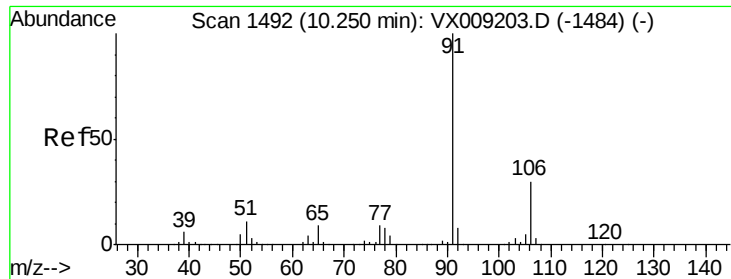
Ion Ratio Lower Upper

131 100

133 94.1 47.7 143.1

119 67.7 33.5 100.4





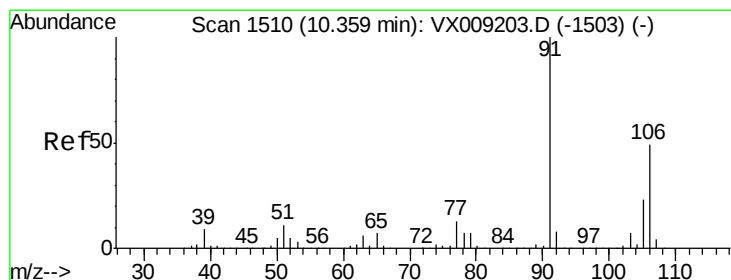
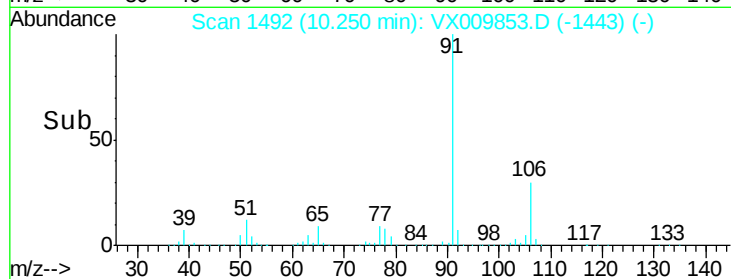
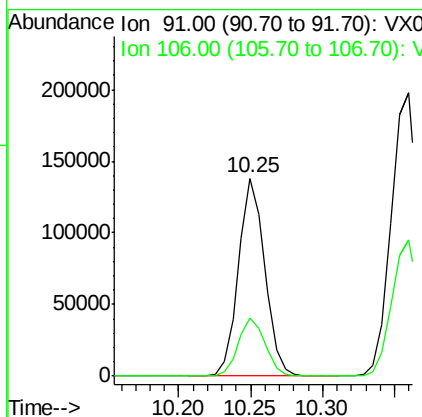
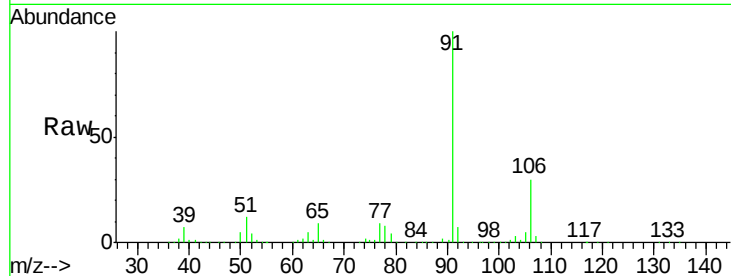
#67  
Ethyl Benzene  
Concen: 18.032 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0523MBS01

Tot Ion: 91 Resp: 176949  
Ion Ratio Lower Upper  
91 100  
106 29.7 24.0 36.0

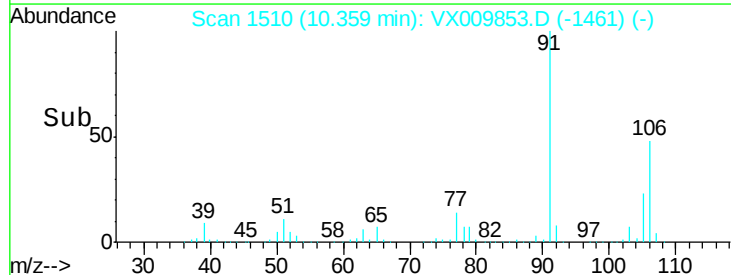
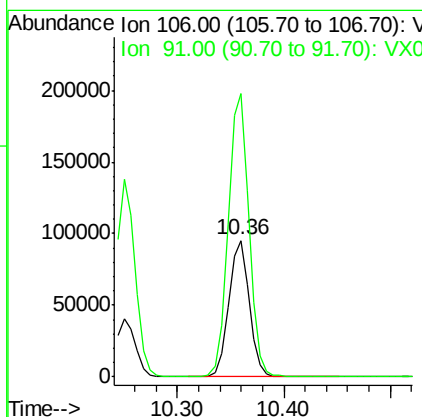
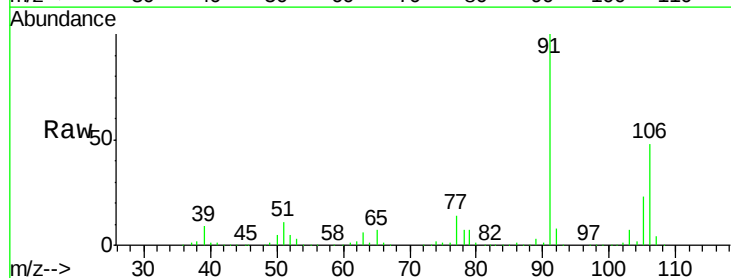
Manual Integrations  
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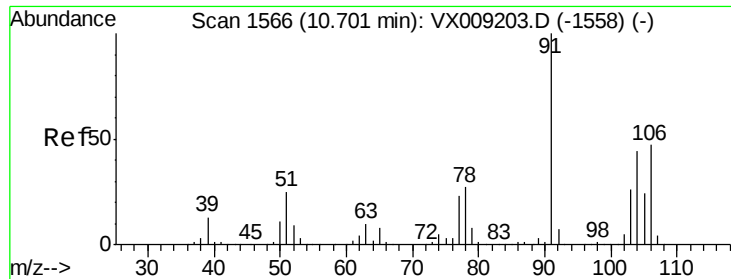
MMDadoda  
5/24/2019 9:01:56 AM



#68  
m/p-Xylenes  
Concen: 36.058 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Tgt Ion: 106 Resp: 129305  
Ion Ratio Lower Upper  
106 100  
91 207.8 164.0 246.0





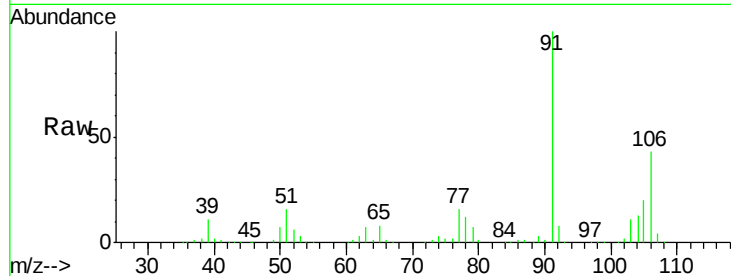
#69  
o-Xylene  
Concen: 17.552 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

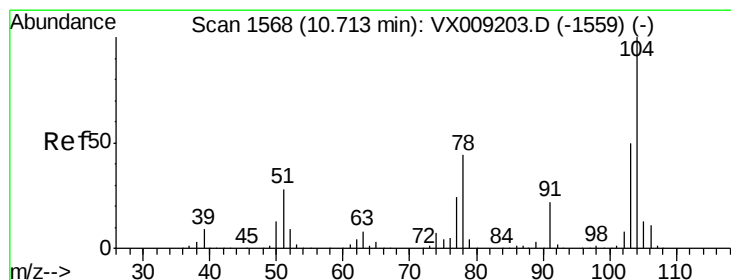
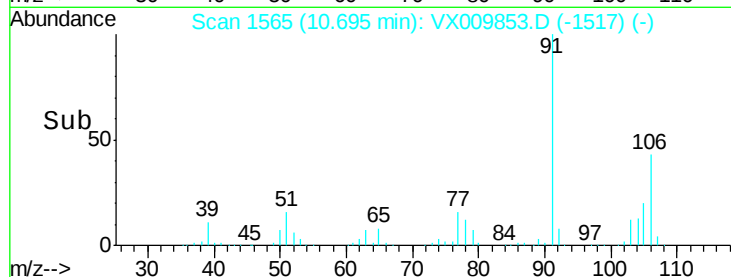
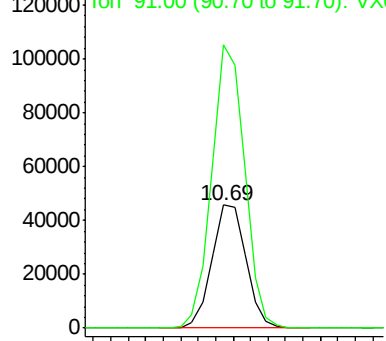
Tot Ion:106 Resp: 62101  
Ion Ratio Lower Upper  
106 100  
91 223.8 109.5 328.4

Manual Integrations  
APPROVED

MMDadoda  
5/24/2019 9:01:56 AM

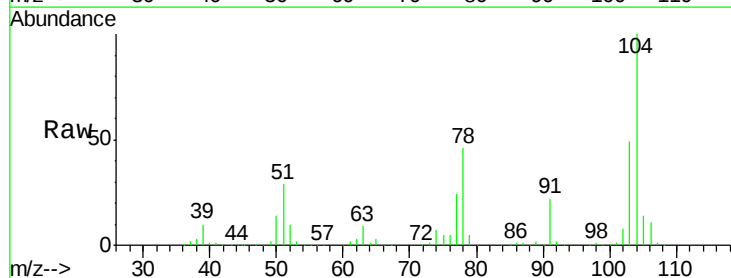


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

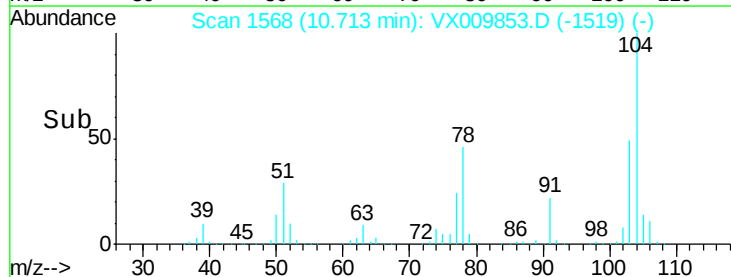
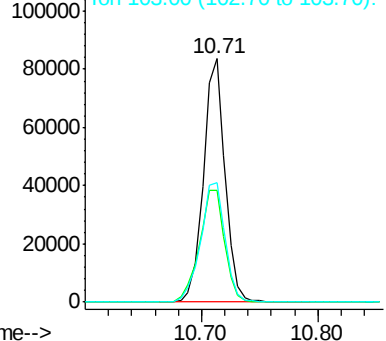


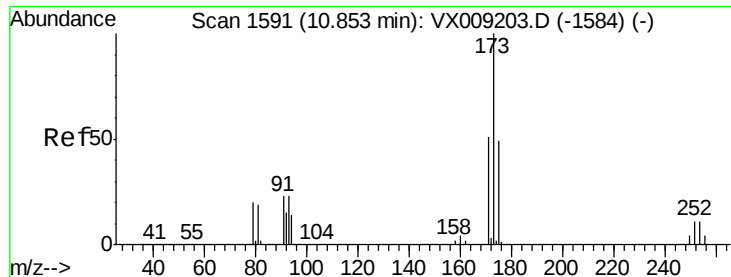
#70  
Styrene  
Concen: 17.526 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Tgt Ion:104 Resp: 107775  
Ion Ratio Lower Upper  
104 100  
78 53.6 41.0 61.4  
103 55.9 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.979 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampled :

VX0523MBS01

Tot Ion:173 Resp: 26673

Ion Ratio Lower Upper

173 100

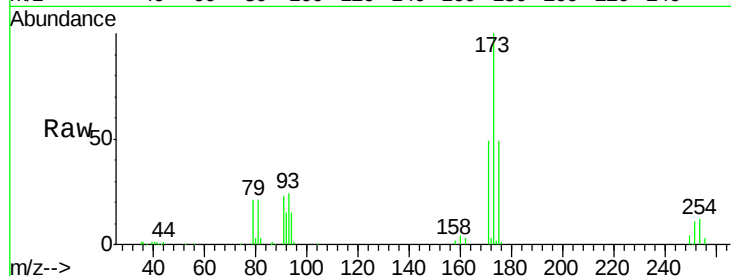
175 48.9 24.5 73.5

254 0.0 0.1 0.1#

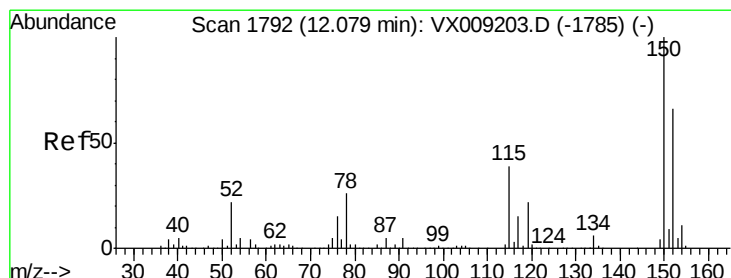
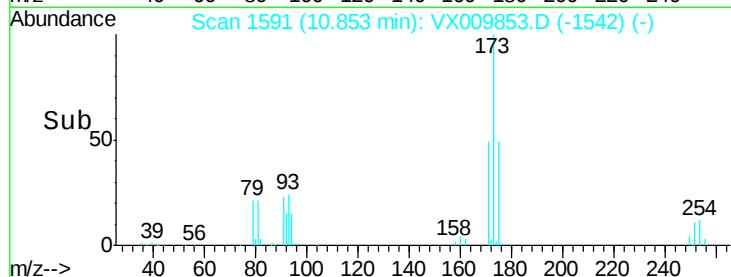
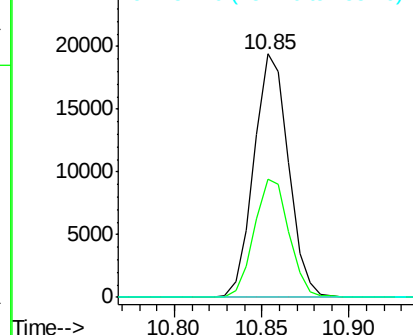
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

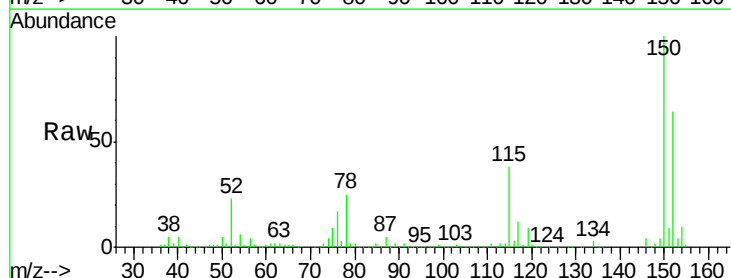
Tgt Ion:152 Resp: 129886

Ion Ratio Lower Upper

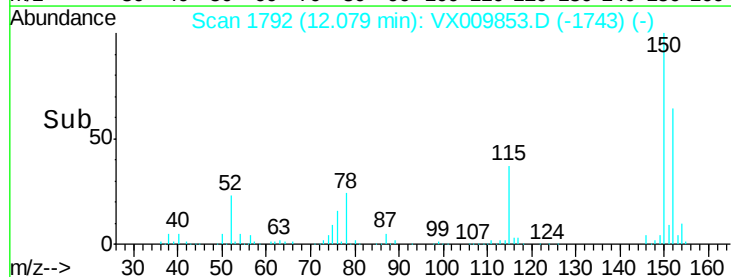
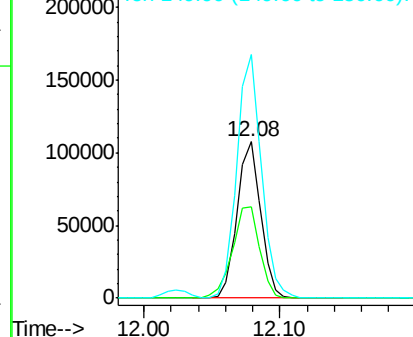
152 100

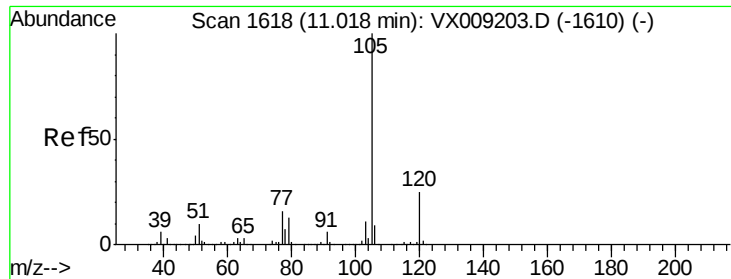
115 67.8 41.2 123.6

150 162.4 0.0 346.4



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: 17.959 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0523MBS01

Tot Ion:105 Resp: 169623

Ion Ratio Lower Upper

105 100

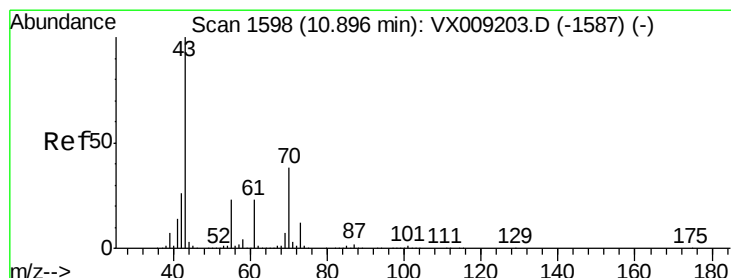
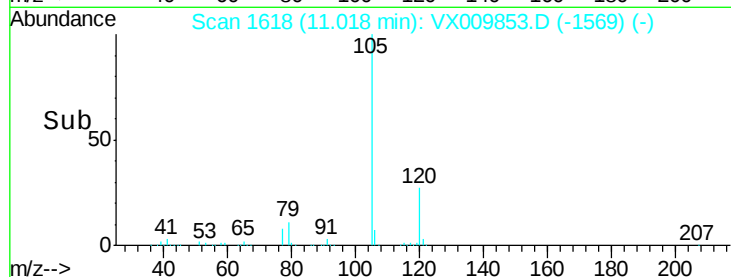
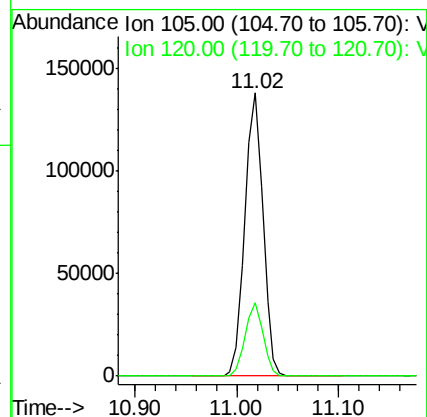
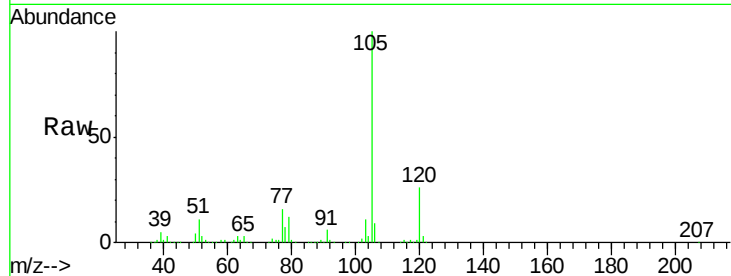
120 25.5 12.8 38.3

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#74

N-ethyl acetate

Concen: 18.218 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Tgt Ion: 43 Resp: 100318

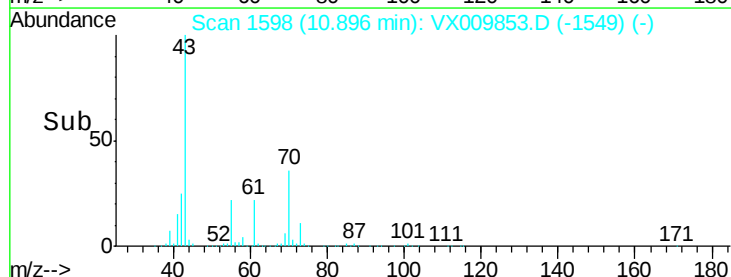
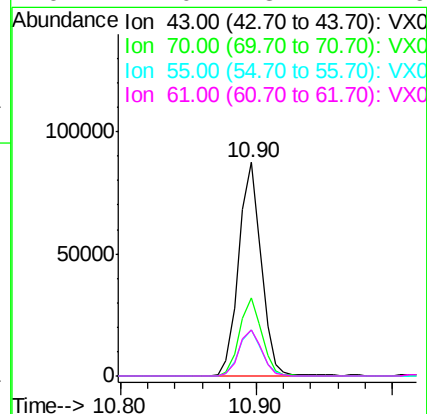
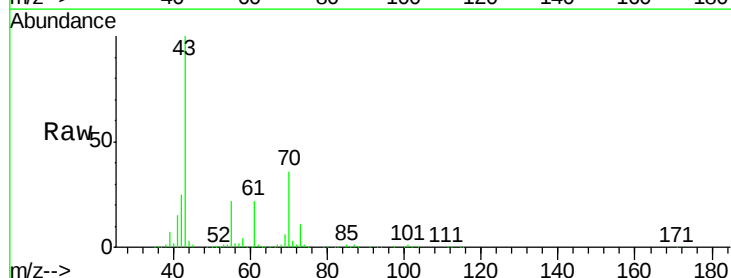
Ion Ratio Lower Upper

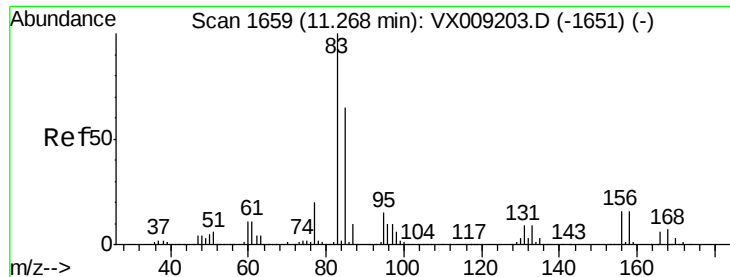
43 100

70 36.4 30.0 45.0

55 22.2 17.9 26.9

61 22.0 18.4 27.6





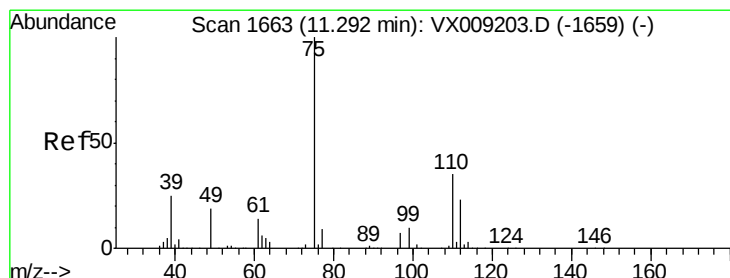
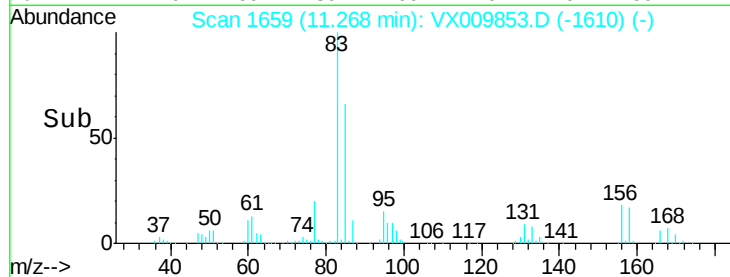
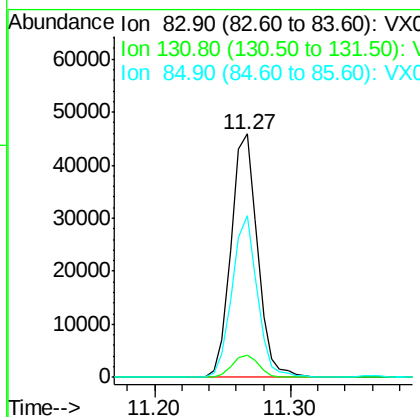
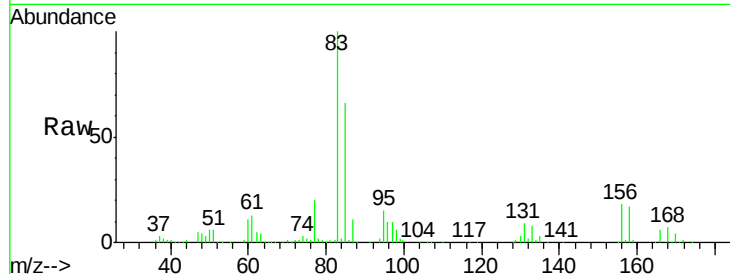
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 17.617 ug/l  
 RT: 11.27 min Scan# 1659  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0523MBS01

| Tot Ion   | 83   | Resp  | 62028 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 131       | 9.3  | 4.6   | 13.8  |
| 85        | 63.6 | 32.0  | 96.2  |

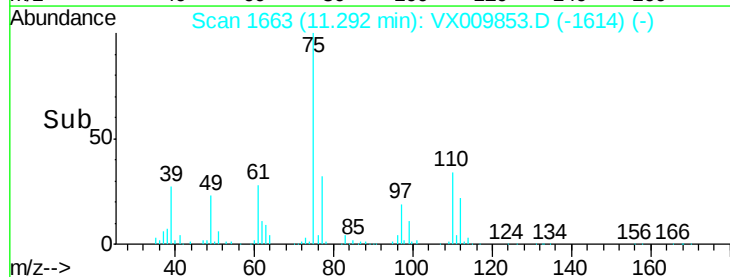
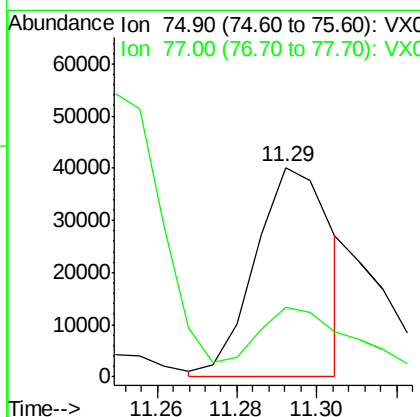
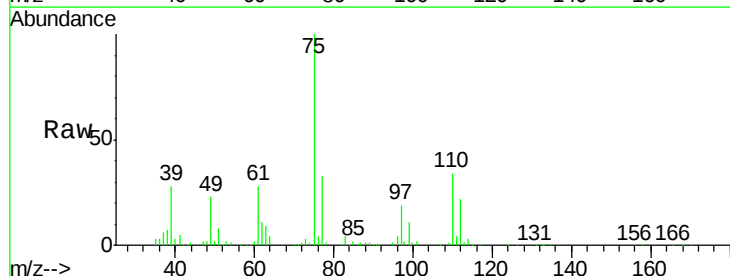
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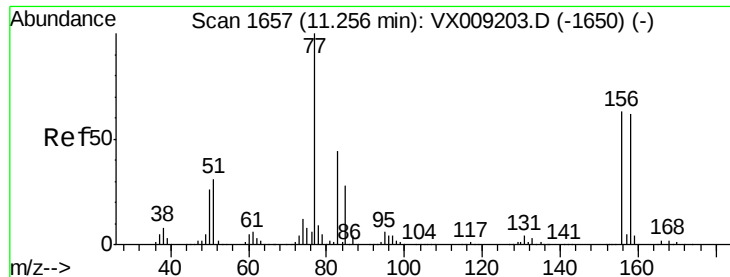
MMDadoda  
 5/24/2019 9:01:56 AM



#76  
 1,2,3-Trichloropropane  
 Concen: 17.566 ug/l m  
 RT: 11.29 min Scan# 1663  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

| Tgt Ion   | 75   | Resp  | 52925 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 75        | 100  |       |       |
| 77        | 43.9 | 22.1  | 66.1  |





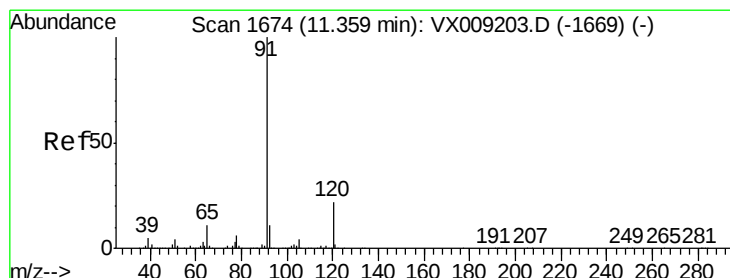
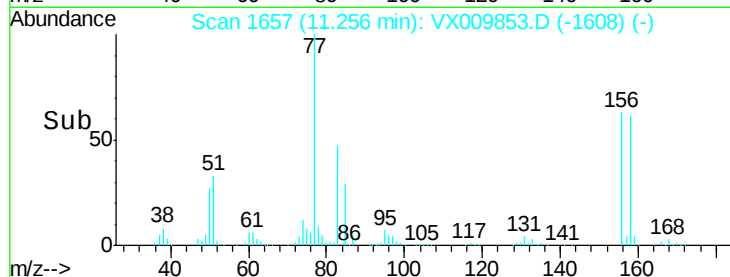
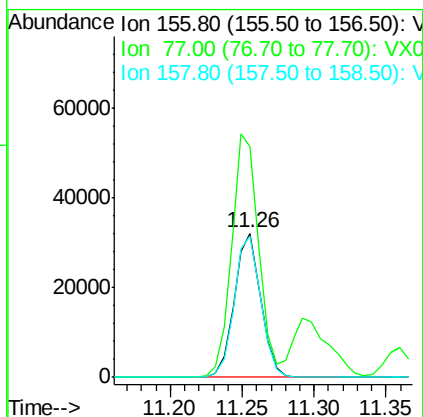
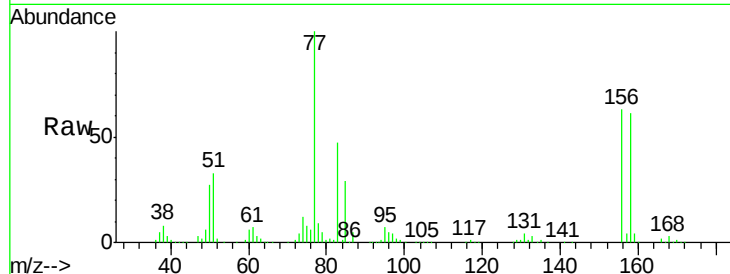
#77  
Bromobenzene  
Concen: 17.585 ug/l  
RT: 11.26 min Scan# 1657  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 171.7 | 84.8  | 254.3 |
| 158     | 98.4  | 49.1  | 147.3 |

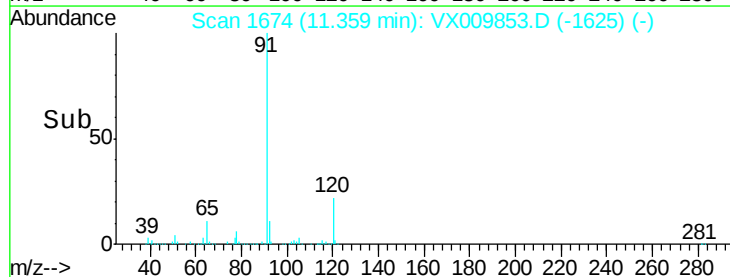
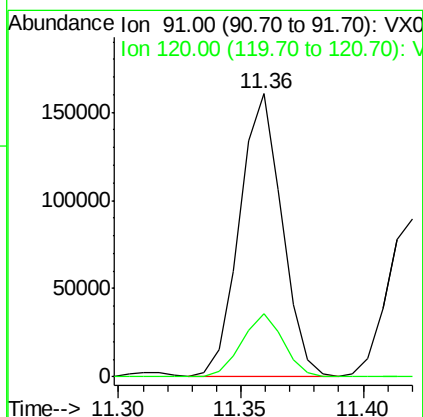
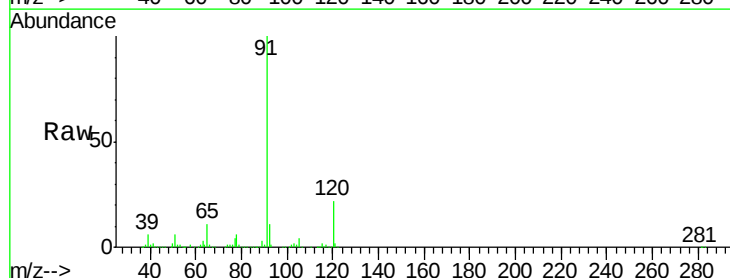
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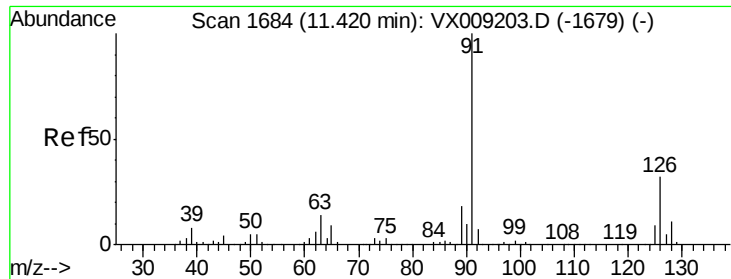
MMDadoda  
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#78  
n-propylbenzene  
Concen: 17.803 ug/l  
RT: 11.36 min Scan# 1674  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.1  | 11.0  | 33.0  |





#79

2-Chlorotoluene

Concen: 17.321 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0523MBS01

Tot Ion: 91 Resp: 115269

Ion Ratio Lower Upper

91 100

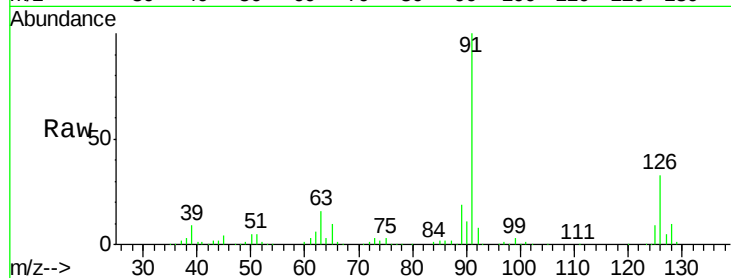
126 32.4 16.3 48.9

Manual Integrations

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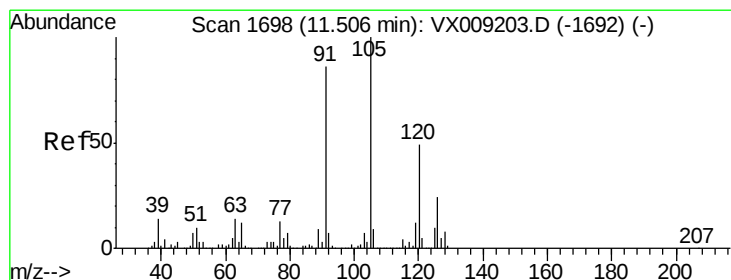
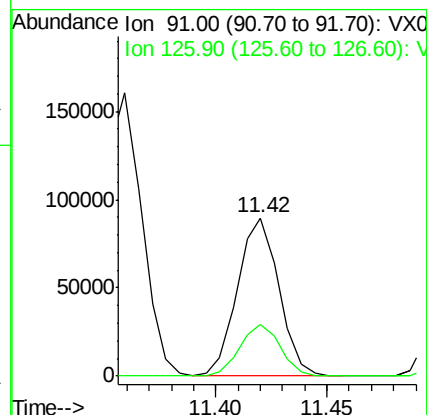
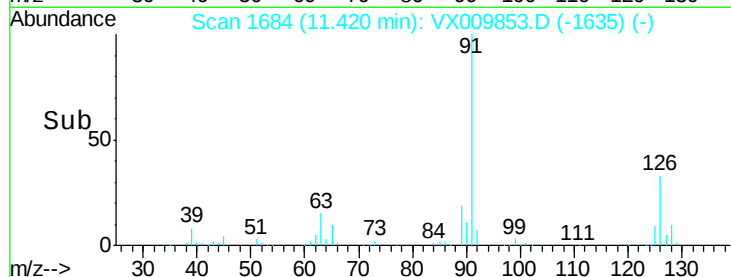
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Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX009203.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.933 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009853.D

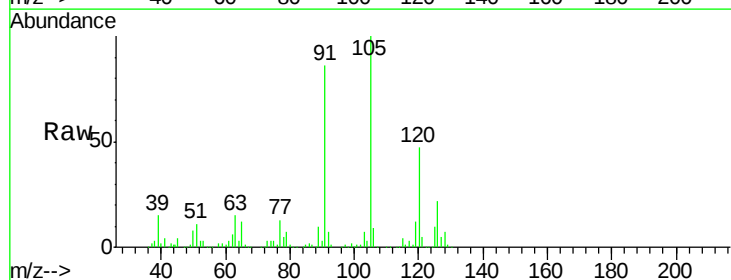
Acq: 23 May 2019 13:10

Tgt Ion: 105 Resp: 142619

Ion Ratio Lower Upper

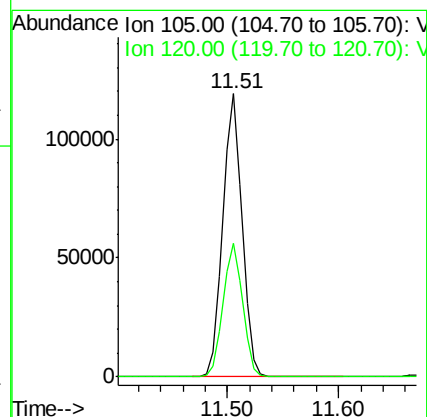
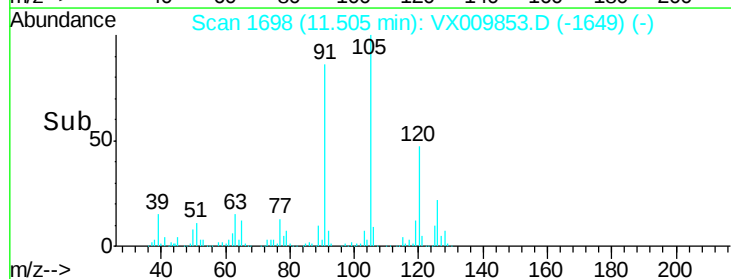
105 100

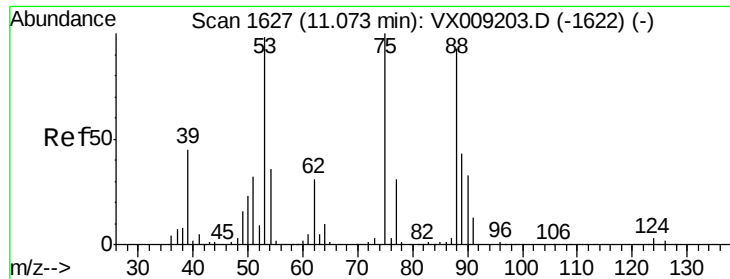
120 47.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009203.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009203.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.168 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0523MBS01

Tot Ion: 75 Resp: 19038

Ion Ratio Lower Upper

75 100

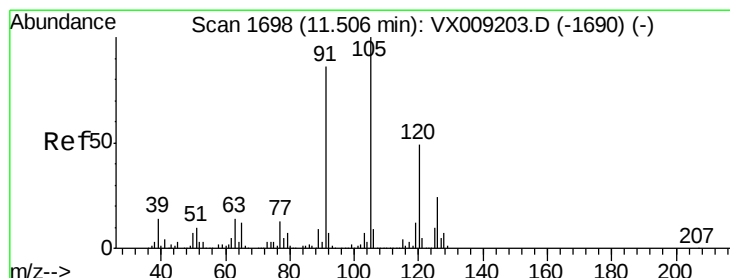
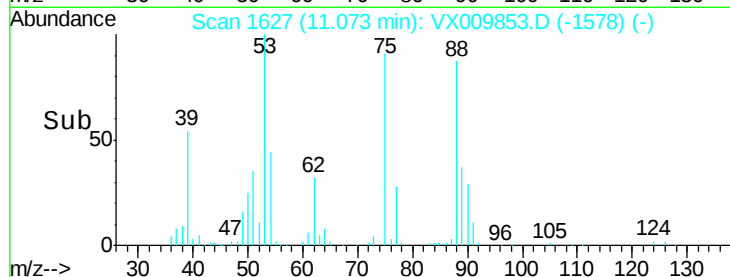
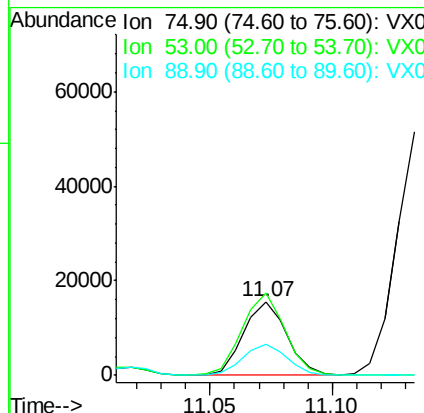
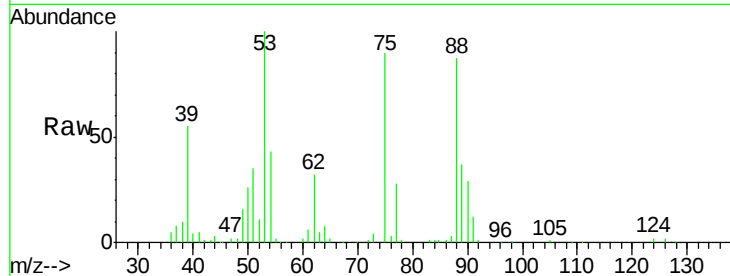
53 109.5 79.0 118.6

89 43.0 34.7 52.1

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#82

4-Chlorotoluene

Concen: 17.758 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009853.D

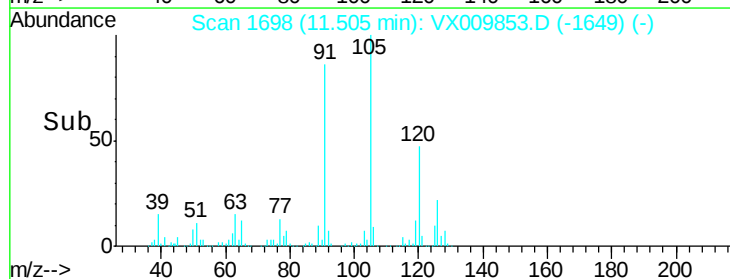
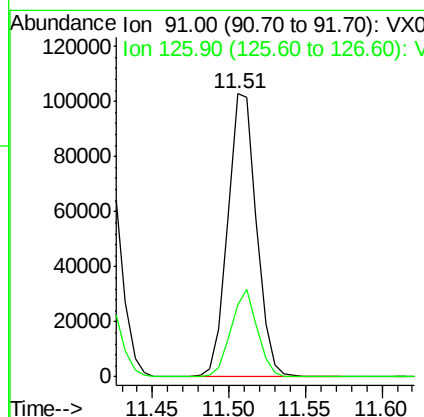
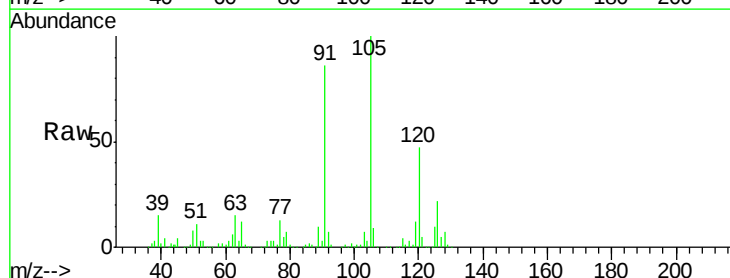
Acq: 23 May 2019 13:10

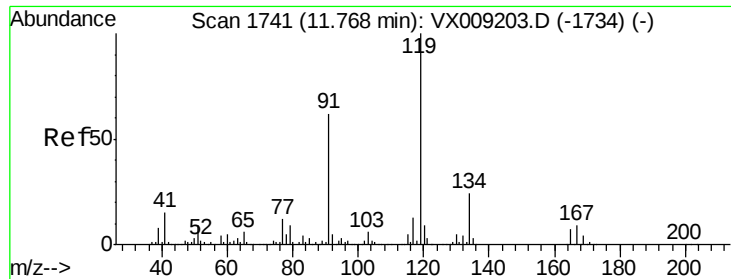
Tgt Ion: 91 Resp: 133508

Ion Ratio Lower Upper

91 100

126 28.4 14.5 43.6





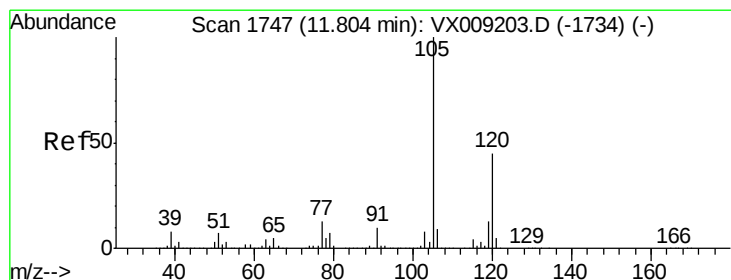
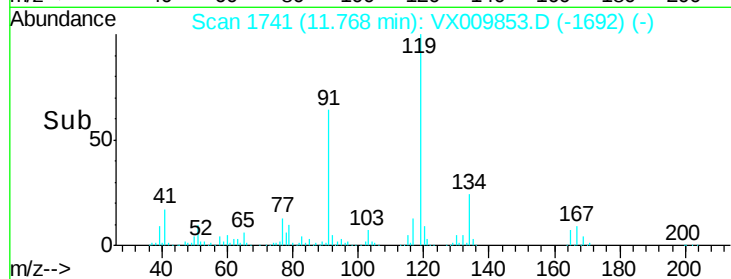
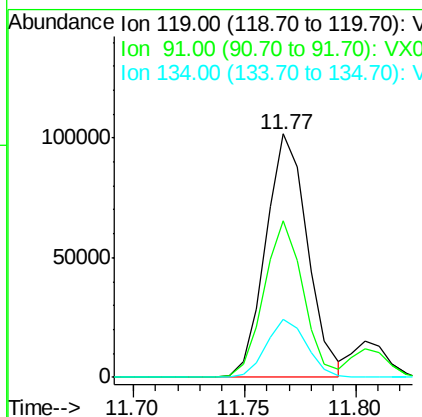
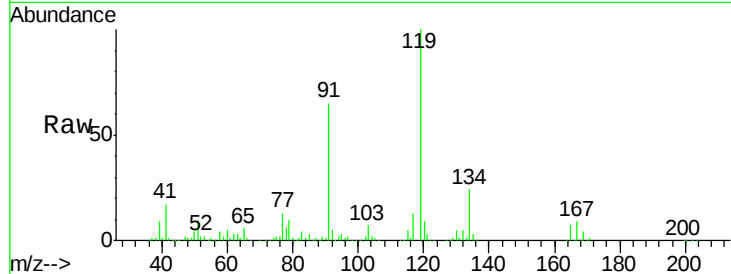
#83  
tert-Butylbenzene  
Concen: 17.160 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0523MBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 132756 |       |       |
| 91      | 60.6  | 29.5   | 88.5  |       |
| 134     | 23.0  | 11.4   | 34.1  |       |

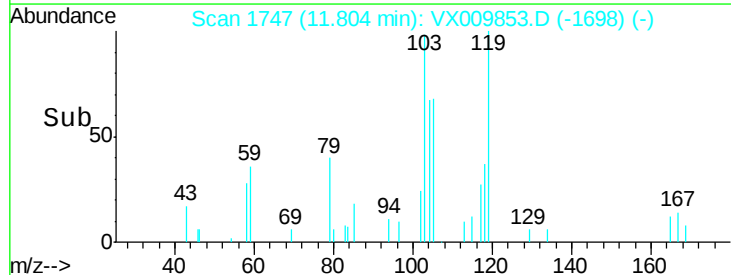
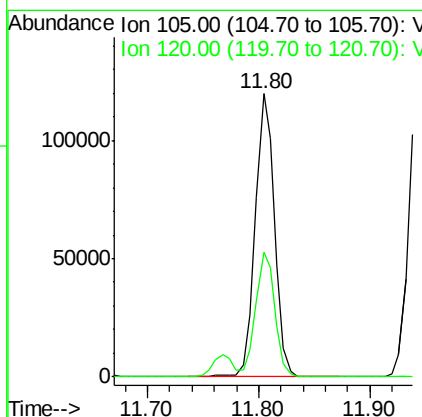
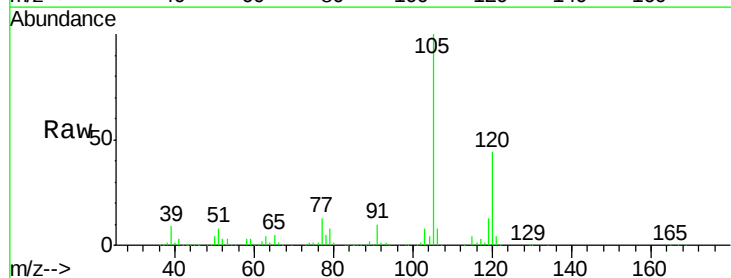
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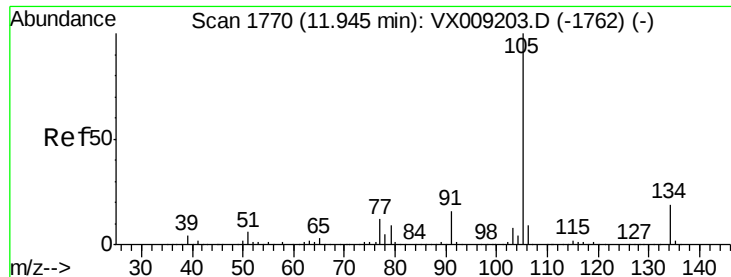
MMDadoda  
5/24/2019 9:01:56 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 18.047 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 144063 |       |       |
| 120     | 43.4  | 22.0   | 66.0  |       |





#85

sec-Butylbenzene

Concen: 17.635 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

VX0523MBS01

Tot Ion:105 Resp: 161747

Ion Ratio Lower Upper

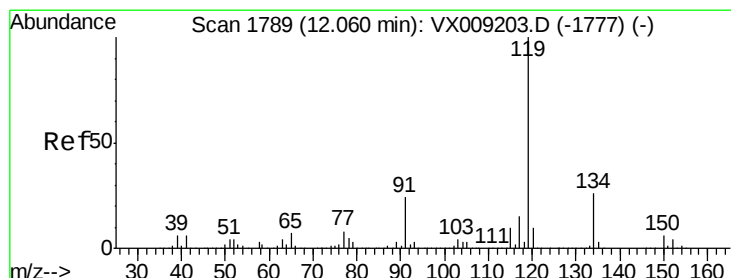
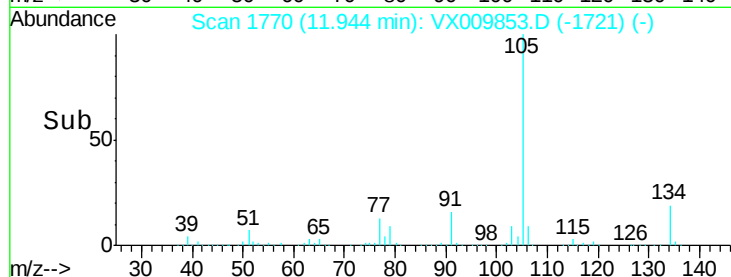
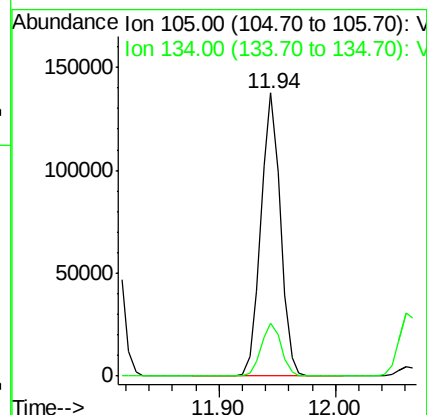
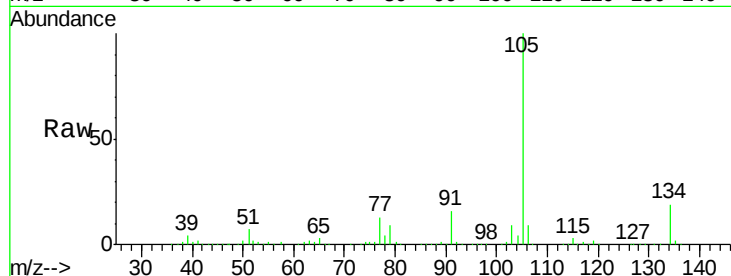
105 100

134 19.1 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 17.894 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

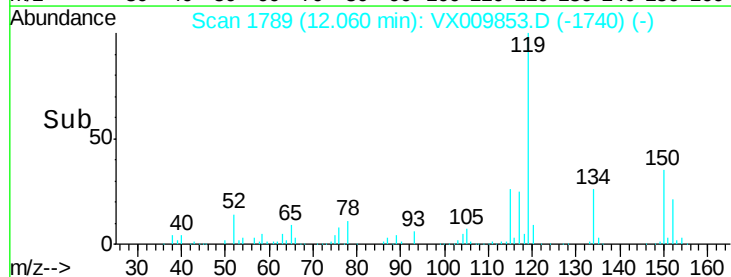
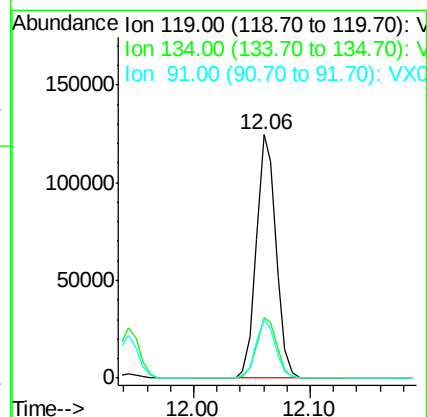
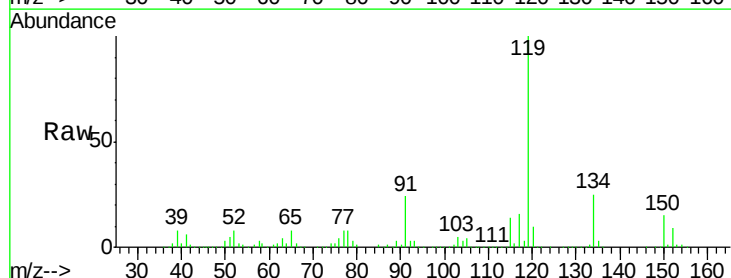
Tgt Ion:119 Resp: 147548

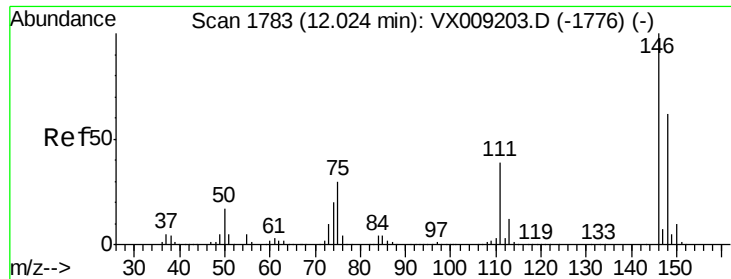
Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

91 24.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 17.540 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampled :

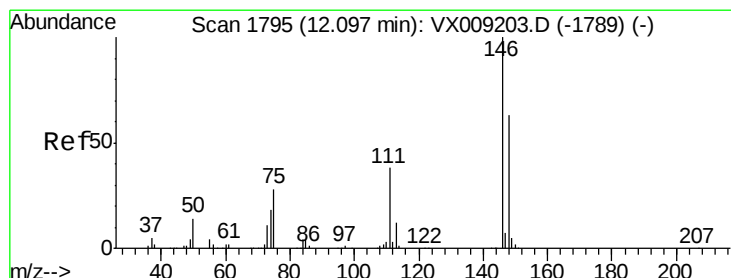
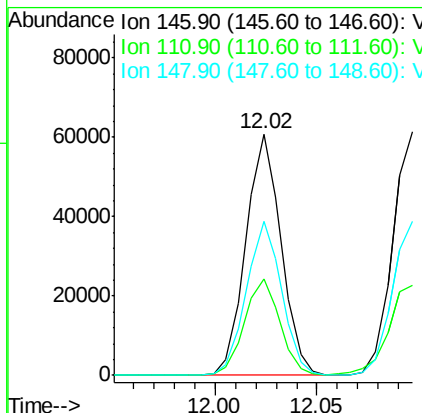
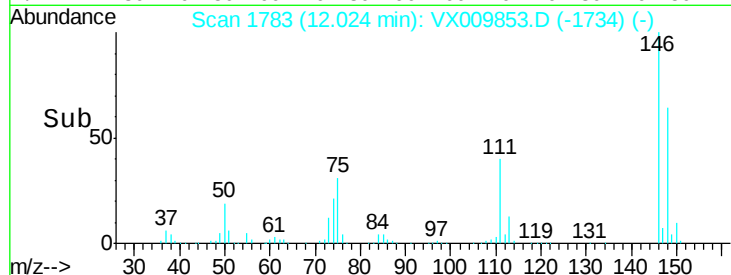
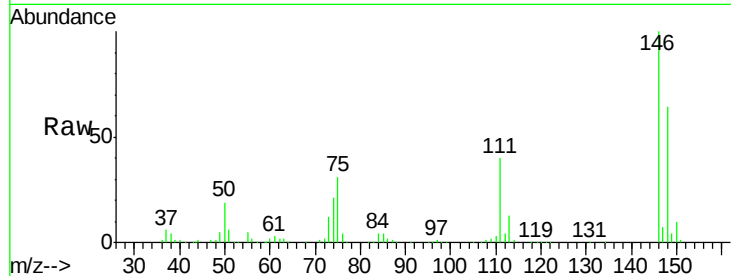
VX0523MBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 73304 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 40.2  | 20.0  | 59.9  |
| 148       | 63.8  | 31.8  | 95.3  |

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#88

1,4-Dichlorobenzene

Concen: 17.554 ug/l

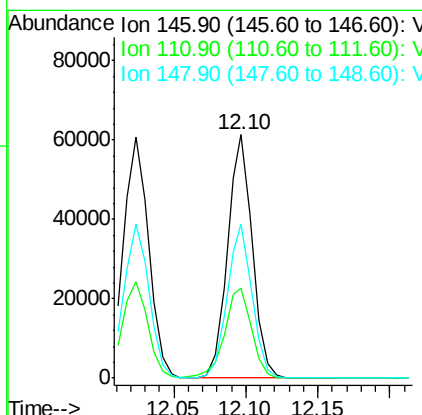
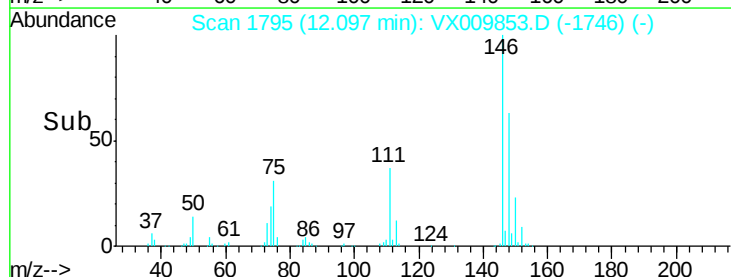
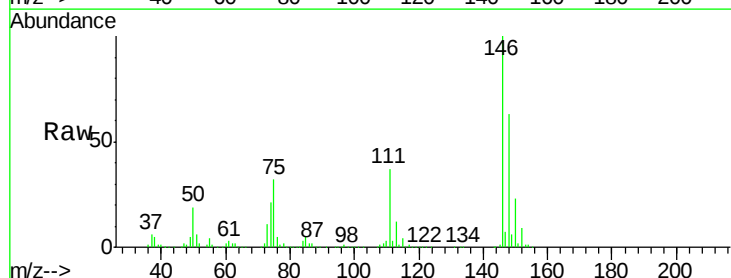
RT: 12.10 min Scan# 1795

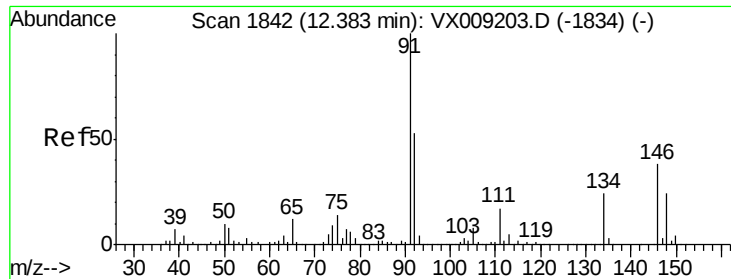
Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 73963 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 40.5  | 19.6  | 58.8  |
| 148       | 63.7  | 31.8  | 95.3  |





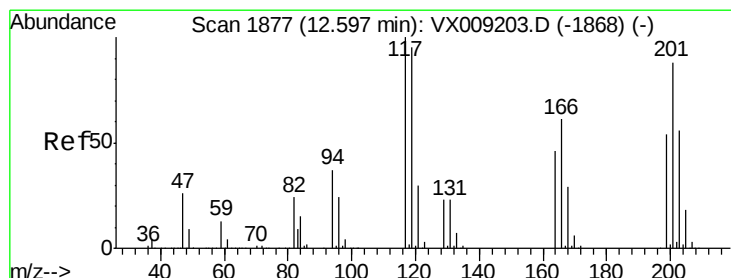
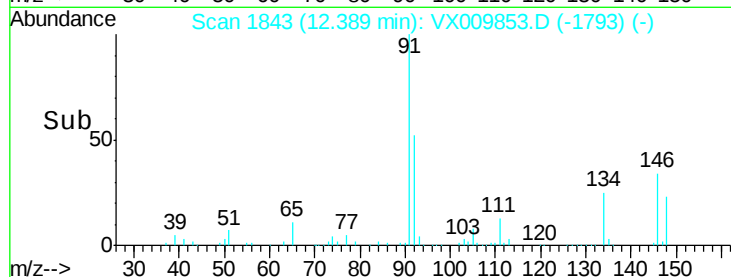
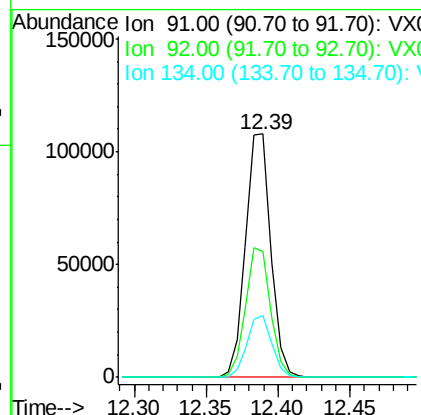
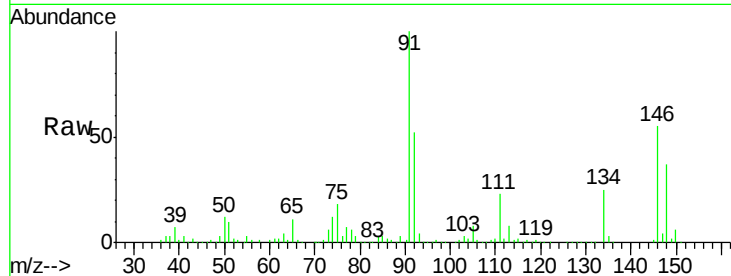
#89  
n-Butylbenzene  
Concen: 17.689 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.01 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0523MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.4  | 26.5  | 79.5  |
| 134     | 24.6  | 12.4  | 37.2  |

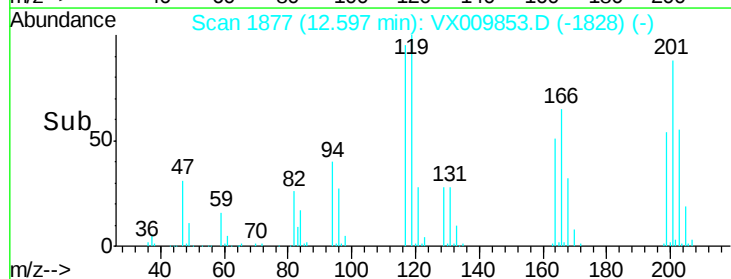
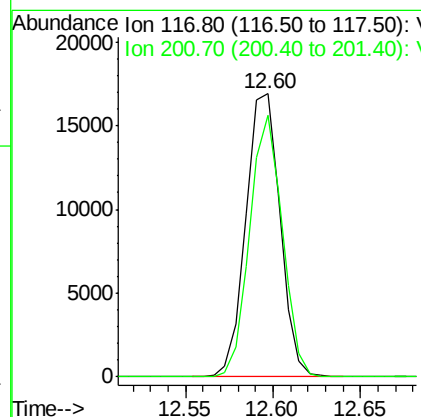
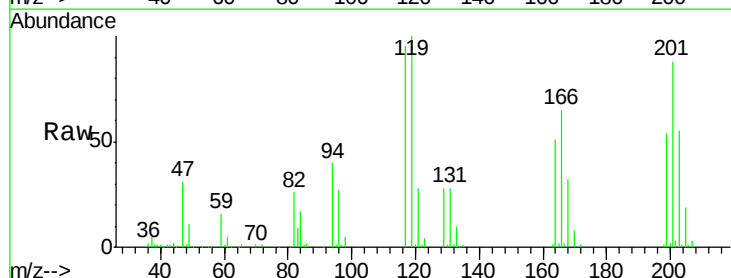
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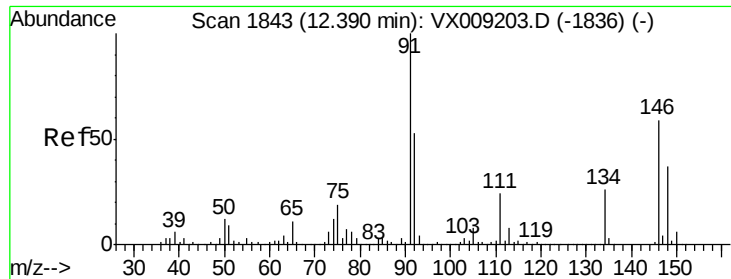
MMDadoda  
5/24/2019 9:01:56 AM



#90  
Hexachloroethane  
Concen: 16.482 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 87.9  | 42.3  | 126.9 |





#91

1,2-Dichlorobenzene

Concen: 17.251 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

Instrument :

MSVOA\_X

ClientSampleId :

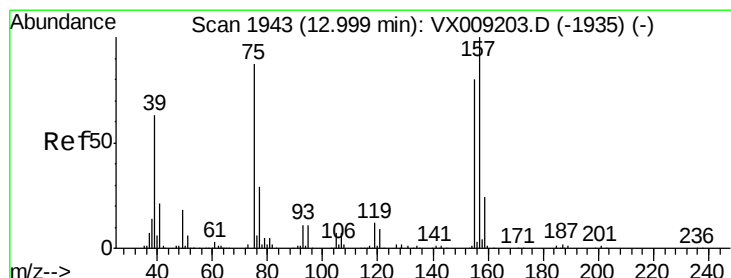
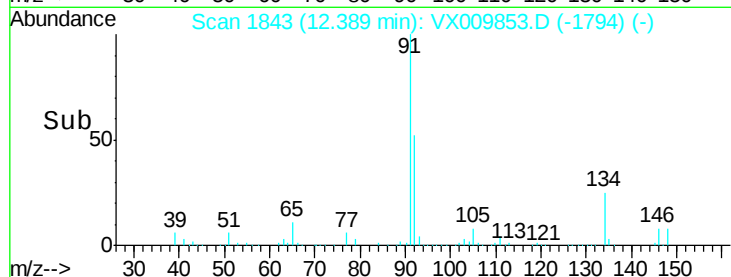
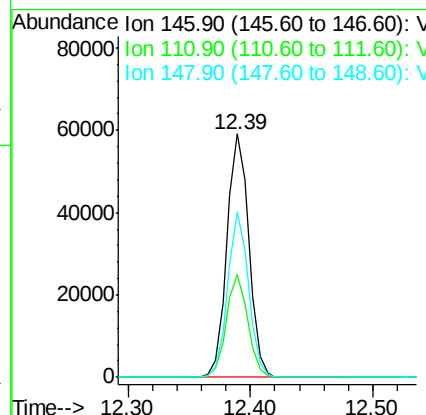
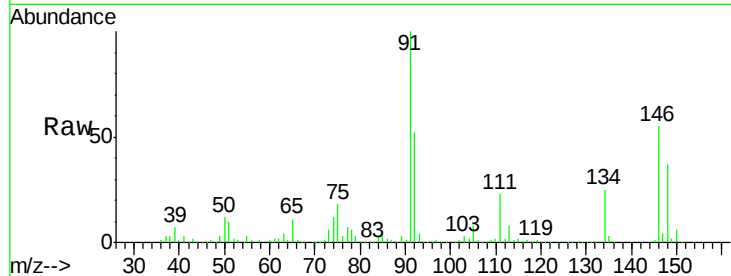
VX0523MBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 73430 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 41.4  | 20.8  | 62.4  |
| 148       | 64.6  | 31.9  | 95.9  |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.731 ug/l

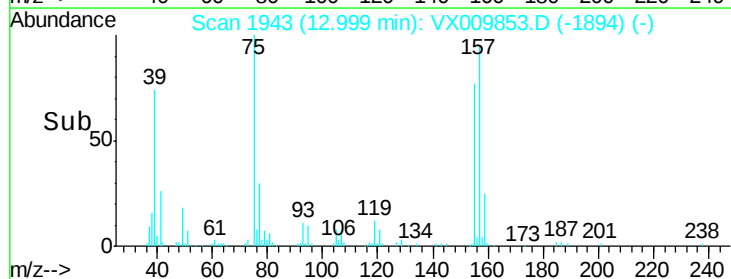
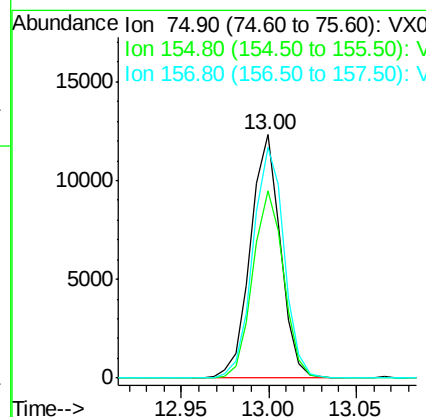
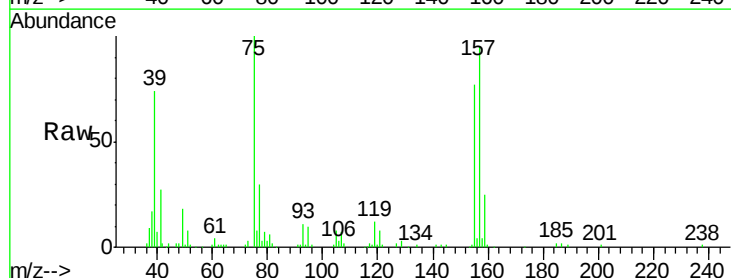
RT: 13.00 min Scan# 1943

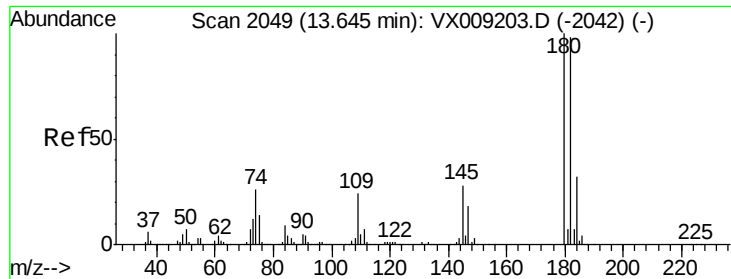
Delta R.T. -0.00 min

Lab File: VX009853.D

Acq: 23 May 2019 13:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 14795 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 78.8  | 42.0  | 126.0 |
| 157       | 98.6  | 53.2  | 159.6 |





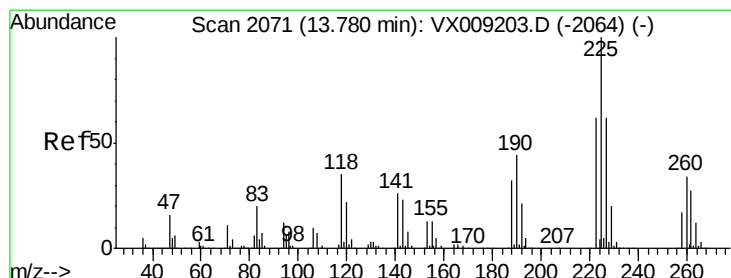
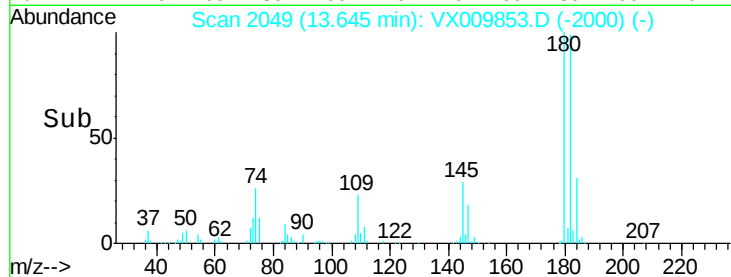
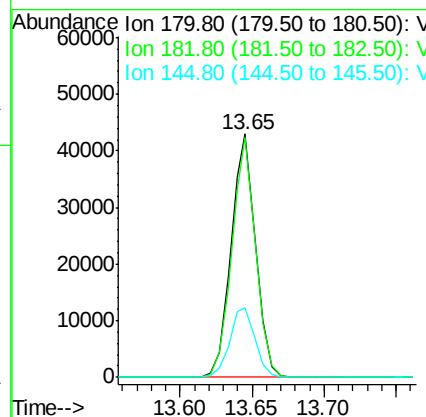
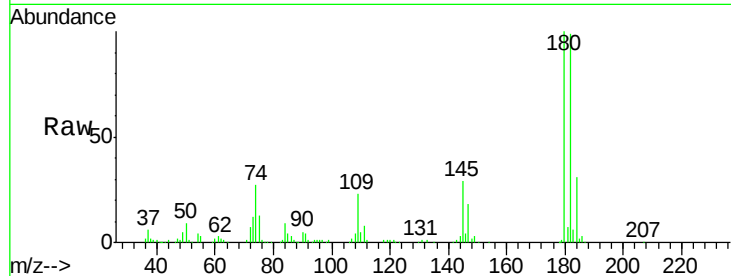
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.639 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0523MBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 180   | Resp: | 51345 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.9  | 48.4  | 145.2 |
| 145       | 29.8  | 14.6  | 43.8  |

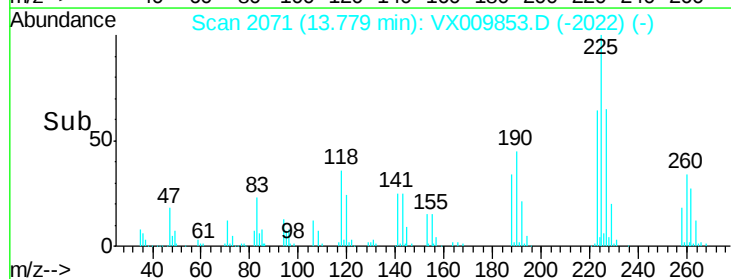
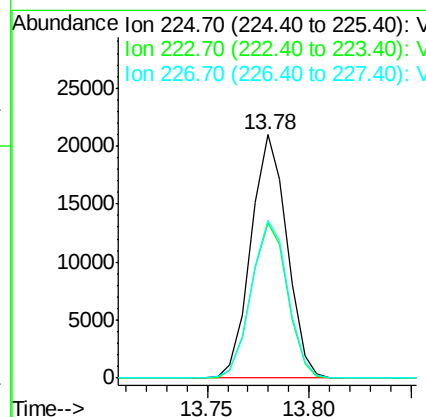
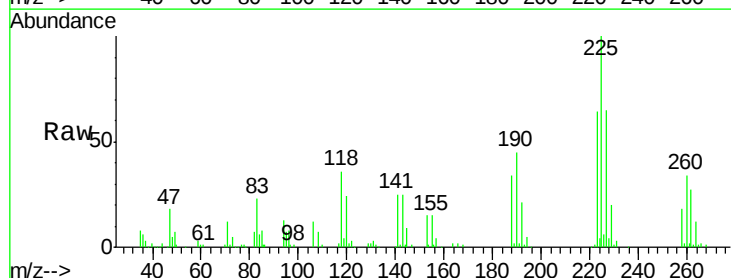
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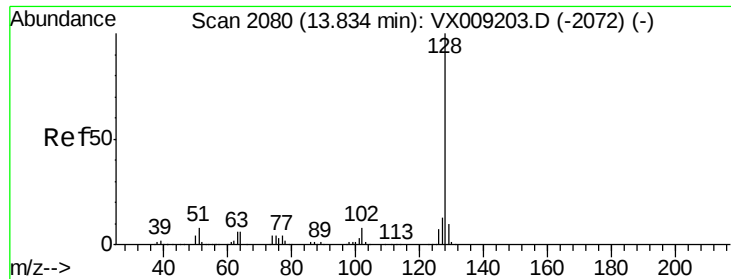
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#94  
 Hexachlorobutadiene  
 Concen: 17.359 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX009853.D  
 Acq: 23 May 2019 13:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 25804 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.0  | 31.3  | 93.8  |
| 227       | 65.5  | 31.8  | 95.3  |





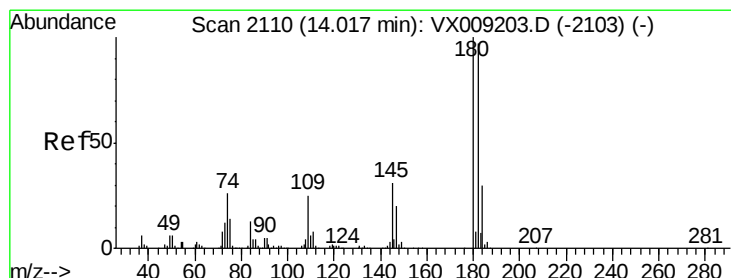
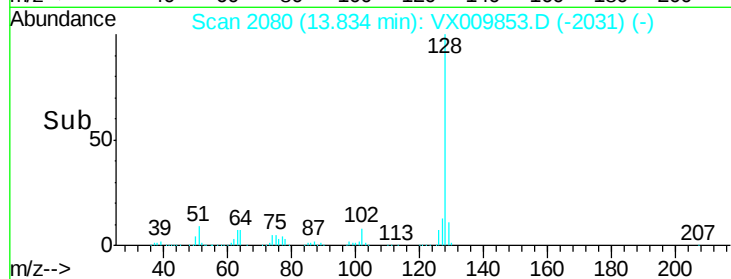
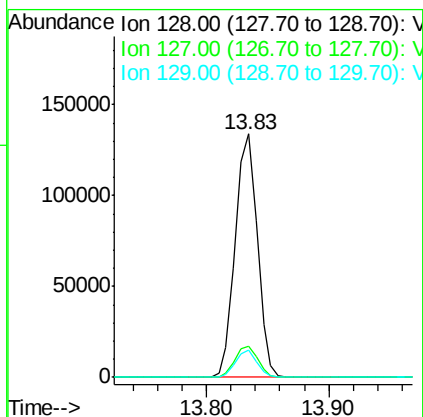
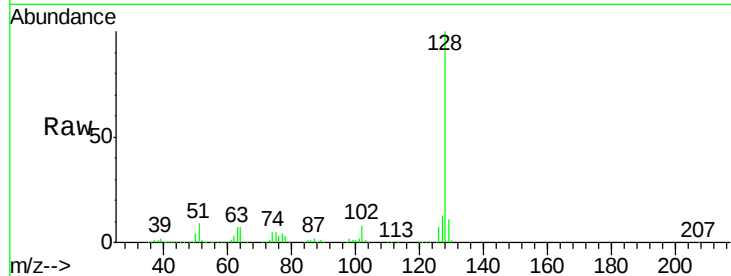
#95  
Naphthalene  
Concen: 17.638 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0523MBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 167033 |       |       |
| 127     | 13.5  |        | 10.4  | 15.6  |
| 129     | 11.0  |        | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 17.664 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. -0.00 min  
Lab File: VX009853.D  
Acq: 23 May 2019 13:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 52120 |       |       |
| 182     | 95.8  |       | 47.8  | 143.4 |
| 145     | 31.4  |       | 15.4  | 46.4  |

