

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072718\  
 Data File : VX003722.D  
 Acq On : 27 Jul 2018 20:06  
 Operator : JC/SP  
 Sample : VX0727WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 7/30/2018 3:42:33 PM

Quant Time: Jul 28 03:16:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jul 27 16:17:43 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.03  | 128  | 22674    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.87  | 114  | 102608   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.12 | 117  | 95213    | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 6.07   | 65    | 44302    | 26.61    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 88.70%  |
| 60) 4-Bromofluorobenzene  | 11.14  | 95    | 48542    | 31.66    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 105.53% |
| 63) Toluene-d8            | 8.72   | 98    | 132265   | 30.84    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 102.80% |

## Target Compounds

|                               |      |     |        |         | Ovalue    |
|-------------------------------|------|-----|--------|---------|-----------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 21379  | 17.851  | ug/l 98   |
| 3) Chloromethane              | 1.32 | 50  | 29363  | 18.217  | ug/l 99   |
| 4) Vinyl Chloride             | 1.40 | 62  | 30884  | 18.219  | ug/l 99   |
| 5) Bromomethane               | 1.64 | 94  | 18021  | 17.786  | ug/l 98   |
| 6) Chloroethane               | 1.72 | 64  | 20283  | 18.279  | ug/l 97   |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 41101  | 18.026  | ug/l 98   |
| 8) Diethyl Ether              | 2.19 | 74  | 17777  | 18.189  | ug/l 99   |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 25415  | 18.383  | ug/l 98   |
| 10) 1,1-Dichloroethene        | 2.37 | 96  | 23850  | 18.347  | ug/l 96   |
| 11) Methyl Iodide             | 2.51 | 142 | 32684  | 18.138  | ug/l 94   |
| 12) Methyl Acetate            | 2.78 | 43  | 45663  | 18.984  | ug/l 94   |
| 13) Acrolein                  | 2.29 | 56  | 17391  | 92.703  | ug/l 100  |
| 14) Acrylonitrile             | 3.15 | 53  | 88581  | 93.463  | ug/l 99   |
| 15) Acetone                   | 2.45 | 58  | 23526  | 91.475  | ug/l 78   |
| 16) Carbon Disulfide          | 2.57 | 76  | 64179  | 17.778  | ug/l 100  |
| 17) Allyl chloride            | 2.73 | 41  | 48159  | 17.901  | ug/l 98   |
| 18) Methylene Chloride        | 2.86 | 84  | 28793  | 18.698  | ug/l 96   |
| 19) trans-1,2-Dichloroethene  | 3.17 | 96  | 26347  | 18.750  | ug/l 98   |
| 20) Diisopropyl ether         | 3.88 | 45  | 95156  | 19.260  | ug/l 98   |
| 21) 1,1-Dichloroethane        | 3.70 | 63  | 52055  | 18.612  | ug/l 99   |
| 22) cis-1,2-Dichloroethene    | 4.60 | 96  | 27942  | 19.692  | ug/l # 78 |
| 23) tert-Butyl Alcohol        | 3.07 | 59  | 38071  | 95.629  | ug/l 100  |
| 24) Methyl tert-Butyl Ether   | 3.21 | 73  | 87758  | 18.823  | ug/l 91   |
| 25) Chloroform                | 5.22 | 83  | 46336  | 19.130  | ug/l 96   |
| 26) Cyclohexane               | 5.58 | 56  | 34542  | 16.439  | ug/l # 96 |
| 29) 1,1-Dichloropropene       | 5.80 | 75  | 29854  | 19.702  | ug/l 99   |
| 30) 2-Butanone                | 4.71 | 43  | 112976 | 116.756 | ug/l 96   |
| 31) 2,2-Dichloropropane       | 4.59 | 77  | 32399  | 22.075  | ug/l 100  |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 34757  | 20.049  | ug/l 99   |
| 33) Carbon Tetrachloride      | 5.79 | 117 | 29435  | 19.539  | ug/l 95   |
| 34) Benzene                   | 6.15 | 78  | 92124  | 19.789  | ug/l 98   |
| 35) Methacrylonitrile         | 5.07 | 41  | 23236  | 23.108  | ug/l 94   |
| 36) 1,2-Dichloroethane        | 6.20 | 62  | 34616  | 20.688  | ug/l 98   |
| 37) Trichloroethene           | 7.22 | 130 | 23198  | 19.119  | ug/l 98   |
| 38) Methylcyclohexane         | 7.46 | 83  | 32722  | 19.005  | ug/l 99   |
| 39) 1,2-Dichloropropane       | 7.52 | 63  | 24310  | 19.760  | ug/l 92   |
| 40) Dibromomethane            | 7.67 | 93  | 15914  | 19.989  | ug/l 94   |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072718\  
 Data File : VX003722.D  
 Acq On : 27 Jul 2018 20:06  
 Operator : JC/SP  
 Sample : VX0727WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0727WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 7/30/2018 3:42:33 PM

Quant Time: Jul 28 03:16:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jul 27 16:17:43 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 41) Bromodichloromethane       | 7.90  | 83   | 29569    | 19.440  | ug/l   | 99       |
| 42) Vinyl Acetate              | 3.83  | 43   | 402752   | 108.322 | ug/l   | 99       |
| 43) Ethyl Acetate              | 4.87  | 43   | 41864    | 23.162  | ug/l   | 96       |
| 44) Isopropyl Acetate          | 6.47  | 43   | 55154    | 19.895  | ug/l   | 98       |
| 45) 1,4-Dioxane                | 7.76  | 88   | 12226    | 397.108 | ug/l # | 87       |
| 46) Methyl methacrylate        | 7.78  | 41   | 28524    | 19.944  | ug/l   | 95       |
| 47) n-amyl Acetate             | 10.90 | 43   | 52387    | 20.016  | ug/l # | 89       |
| 48) t-1,3-Dichloropropene      | 8.44  | 75   | 35135    | 19.036  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene    | 9.04  | 75   | 31864    | 18.400  | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane      | 9.22  | 97   | 24155    | 19.113  | ug/l   | 98       |
| 51) Ethyl methacrylate         | 9.18  | 69   | 34671    | 18.219  | ug/l   | 94       |
| 52) 1,3-Dichloropropane        | 9.38  | 76   | 40353    | 19.186  | ug/l   | 100      |
| 53) Dibromochloromethane       | 9.59  | 129  | 22192    | 17.877  | ug/l   | 99       |
| 54) 1,2-Dibromoethane          | 9.68  | 107  | 24572    | 18.592  | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether  | 8.32  | 63   | 96217    | 98.029  | ug/l   | 99       |
| 56) Bromoform                  | 10.86 | 173  | 18389    | 19.088  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone       | 8.65  | 43   | 190824   | 106.142 | ug/l   | 96       |
| 59) 2-Hexanone                 | 9.50  | 43   | 148069   | 103.437 | ug/l   | 96       |
| 61) Tetrachloroethene          | 9.34  | 164  | 21495    | 19.399  | ug/l   | 98       |
| 62) Toluene                    | 8.79  | 91   | 100858   | 20.409  | ug/l   | 99       |
| 64) Chlorobenzene              | 10.14 | 112  | 63354    | 19.838  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 22663    | 20.055  | ug/l   | 99       |
| 66) Ethyl Benzene              | 10.26 | 91   | 106396   | 19.565  | ug/l   | 100      |
| 67) m/p-Xylenes                | 10.36 | 106  | 83995    | 40.100  | ug/l   | 99       |
| 68) o-Xylene                   | 10.70 | 106  | 41785    | 20.852  | ug/l   | 100      |
| 69) Styrene                    | 10.71 | 104  | 70164    | 20.679  | ug/l   | 98       |
| 70) Isopropylbenzene           | 11.02 | 105  | 115659   | 20.963  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 40682    | 20.656  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane     | 11.30 | 75   | 34010m   | 20.758  | ug/l   |          |
| 73) Bromobenzene               | 11.26 | 156  | 29008    | 19.510  | ug/l   | 97       |
| 74) n-propylbenzene            | 11.36 | 91   | 128193   | 19.727  | ug/l   | 99       |
| 75) 2-Chlorotoluene            | 11.42 | 91   | 76254    | 19.909  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 91953    | 19.642  | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene    | 11.08 | 75   | 10471    | 18.755  | ug/l   | 90       |
| 78) 4-Chlorotoluene            | 11.51 | 91   | 88670    | 19.786  | ug/l   | 99       |
| 79) tert-butylbenzene          | 12.07 | 119  | 93511    | 19.414  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 94455    | 19.715  | ug/l   | 99       |
| 81) sec-Butylbenzene           | 11.95 | 105  | 107658   | 19.747  | ug/l   | 97       |
| 82) p-Isopropyltoluene         | 12.07 | 119  | 93511    | 19.414  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene        | 12.03 | 146  | 52884    | 19.476  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene        | 12.10 | 146  | 53489    | 19.566  | ug/l   | 100      |
| 85) n-Butylbenzene             | 12.39 | 91   | 86800    | 20.302  | ug/l   | 99       |
| 86) Hexachloroethane           | 12.60 | 117  | 16665    | 21.470  | ug/l   | 96       |
| 87) 1,2-Dichlorobenzene        | 12.40 | 146  | 56436    | 20.704  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 8510     | 20.471  | ug/l   | 99       |
| 89) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 37616    | 19.654  | ug/l   | 99       |
| 90) Hexachlorobutadiene        | 13.79 | 225  | 19905    | 22.943  | ug/l   | 99       |
| 91) Naphthalene                | 13.84 | 128  | 122872   | 21.006  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene     | 14.02 | 180  | 39516    | 20.275  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072718\  
Data File : VX003722.D  
Acq On : 27 Jul 2018 20:06  
Operator : JC/SP  
Sample : VX0727WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

Manual Integrations  
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7/30/2018 3:42:33 PM

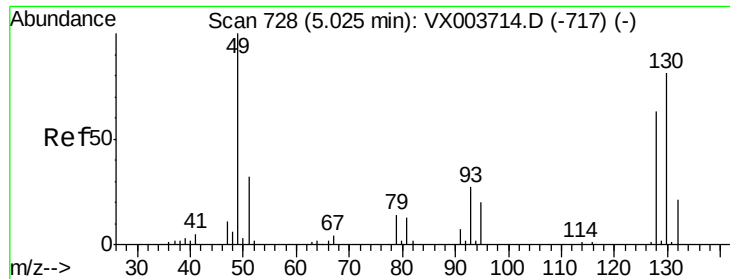
Quant Time: Jul 28 03:16:28 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Jul 27 16:17:43 2018  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

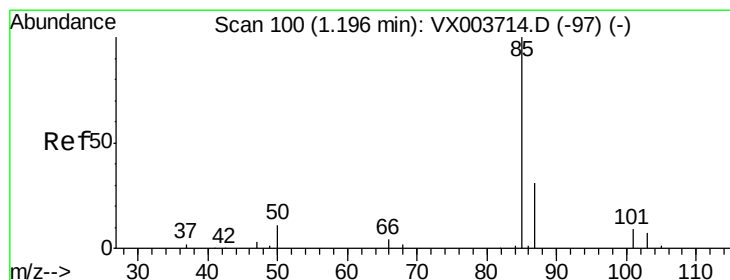
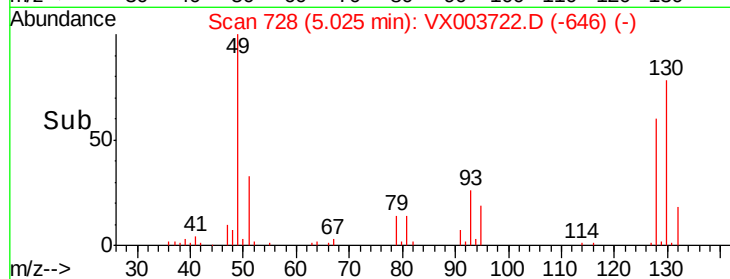
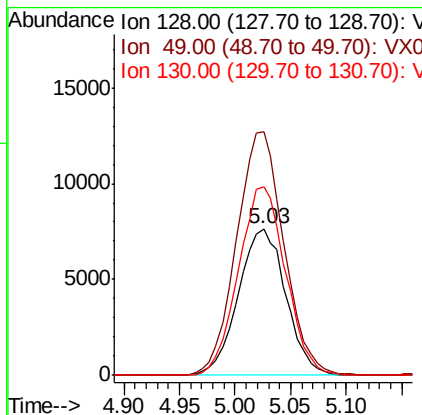
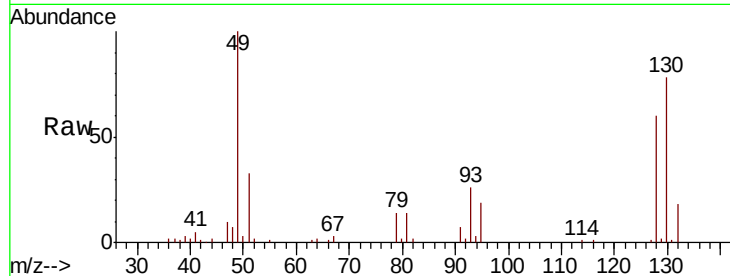
ClientSampleId :

VX0727WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 22674 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 165.8 | 0.0   | 423.0 |
| 130      | 127.9 | 0.0   | 324.3 |

Manual Integrations  
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#2

Dichlorodifluoromethane

Concen: 17.851 ug/l

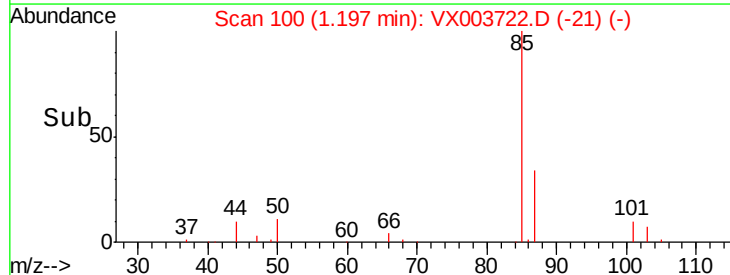
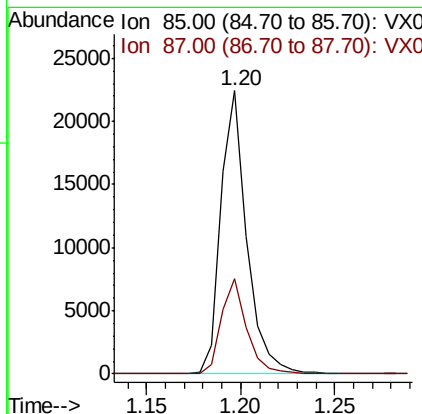
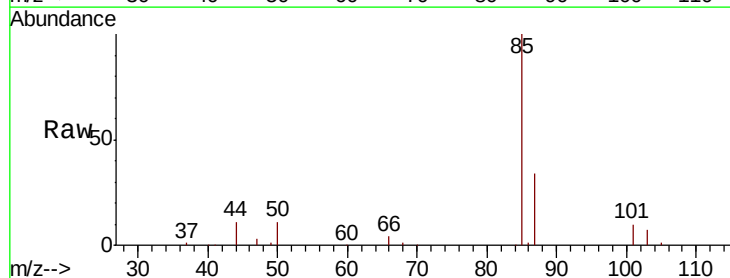
RT: 1.20 min Scan# 100

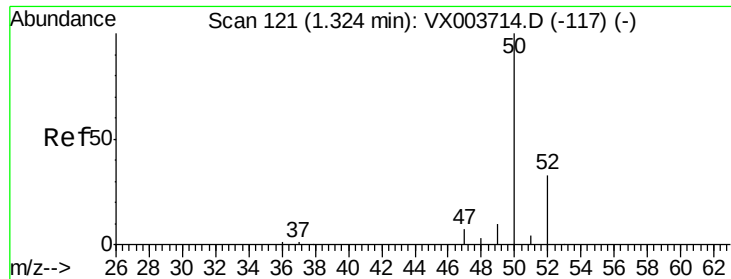
Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 21379 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 33.6  | 16.2  | 48.5  |





#3

Chloromethane

Concen: 18.217 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0727WBSD01

Tot Ion: 50 Resp: 29363

Ion Ratio Lower Upper

50 100

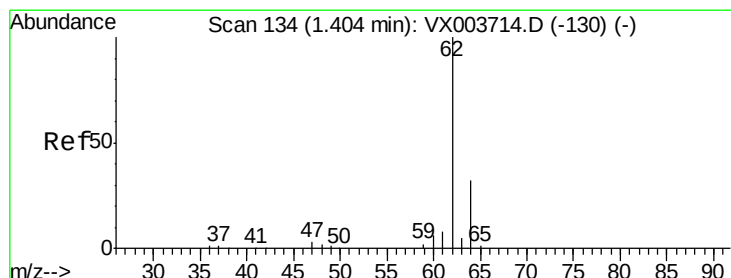
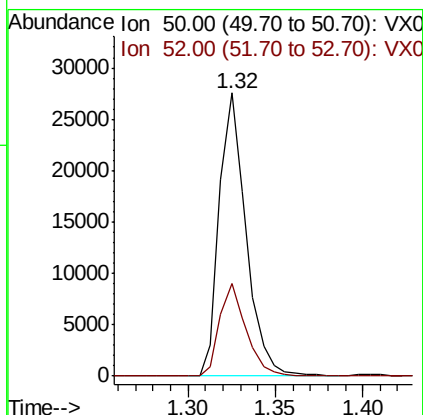
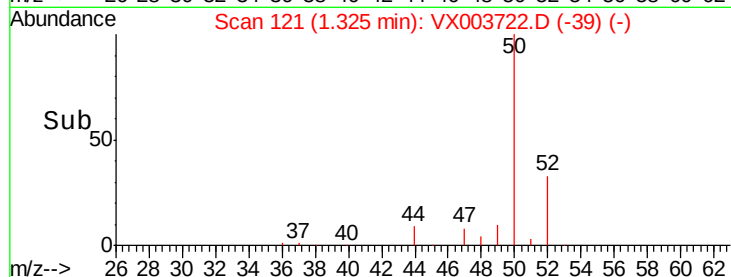
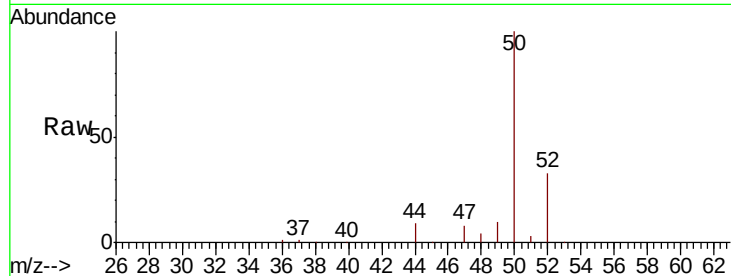
52 32.6 25.6 38.4

Manual Integrations

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7/30/2018 3:42:33 PM



#4

Vinyl Chloride

Concen: 18.219 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003722.D

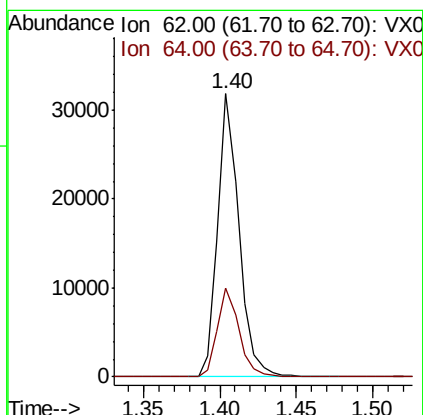
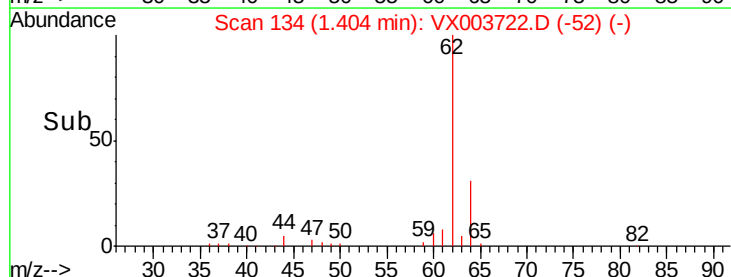
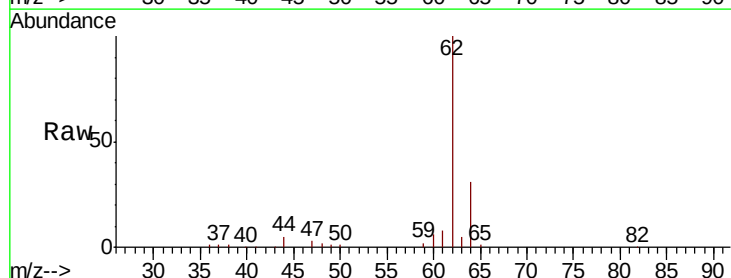
Acq: 27 Jul 2018 20:06

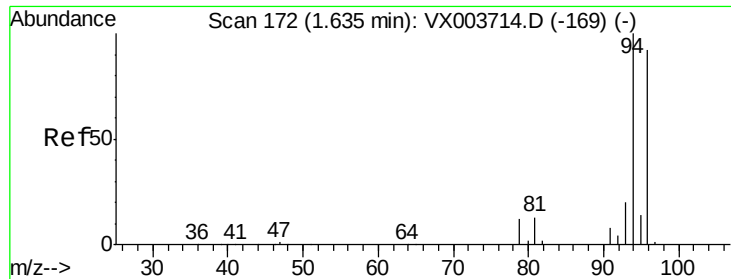
Tgt Ion: 62 Resp: 30884

Ion Ratio Lower Upper

62 100

64 31.3 25.3 37.9





#5

Bromomethane

Concen: 17.786 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0727WBSD01

Tot Ion: 94 Resp: 18021

Ion Ratio Lower Upper

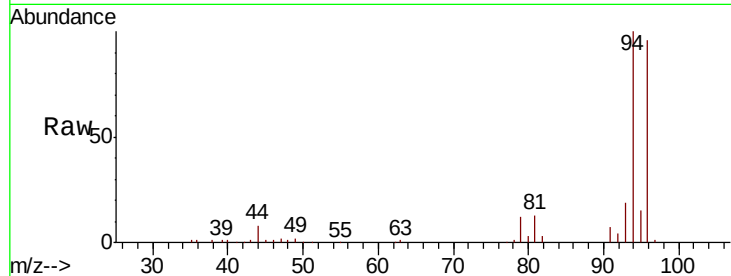
94 100

96 96.1 75.7 113.5

Manual Integrations  
APPROVED

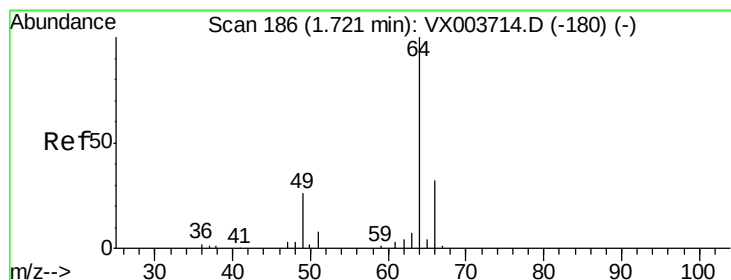
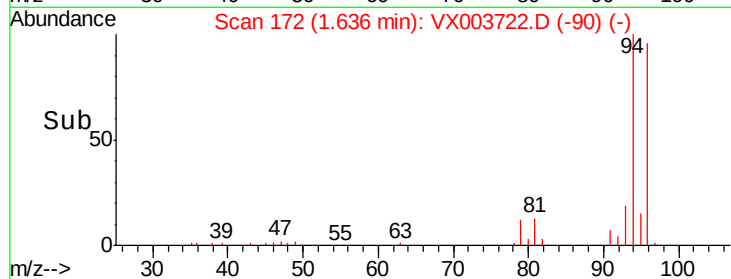
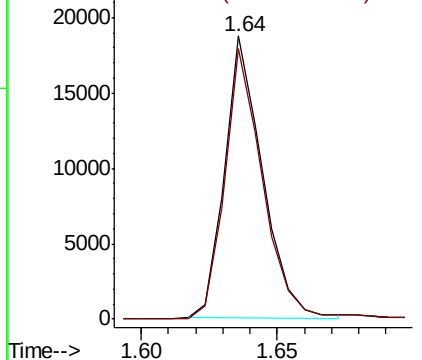
MMDadoda

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.279 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003722.D

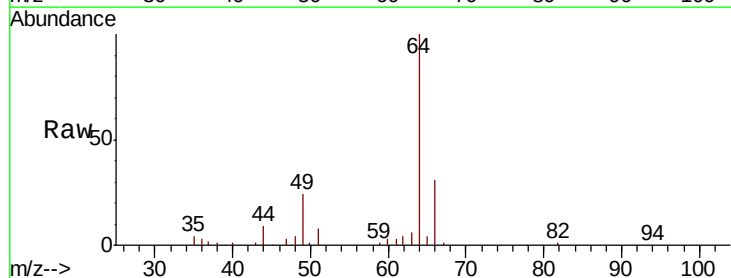
Acq: 27 Jul 2018 20:06

Tgt Ion: 64 Resp: 20283

Ion Ratio Lower Upper

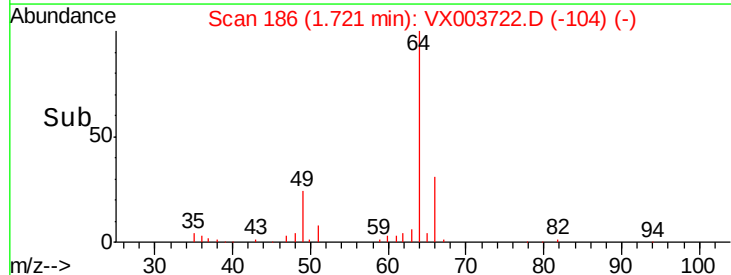
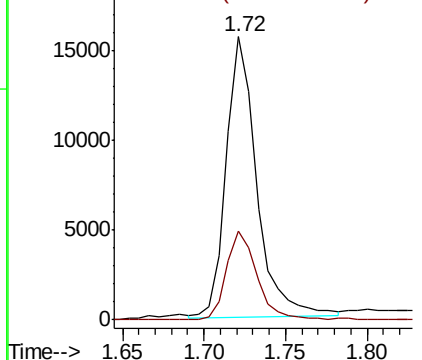
64 100

66 31.8 24.3 36.5

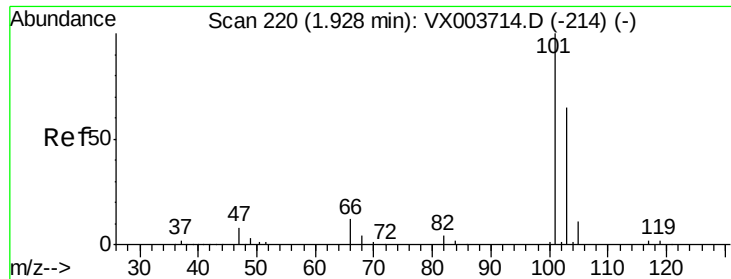


Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0







#7

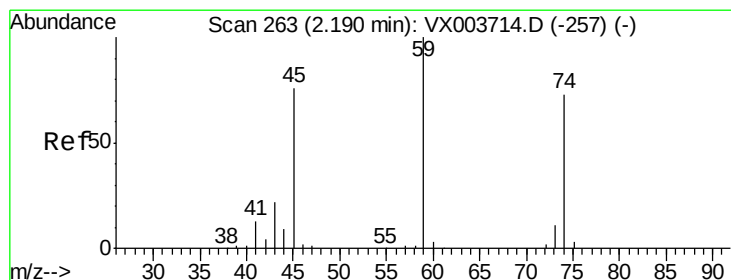
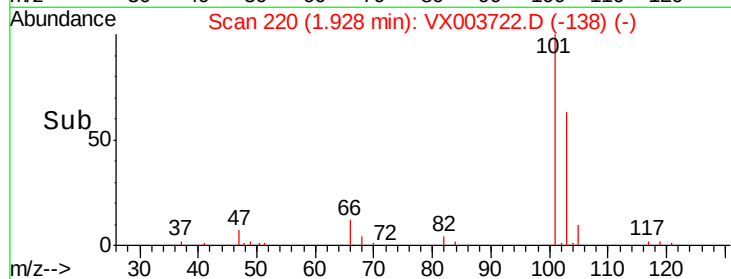
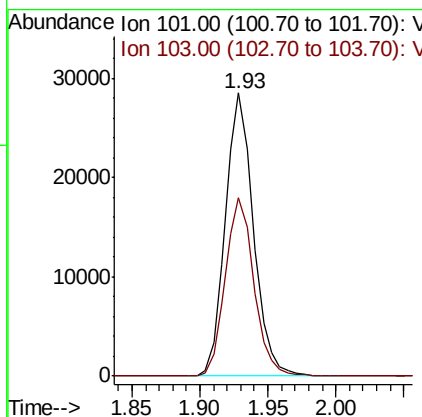
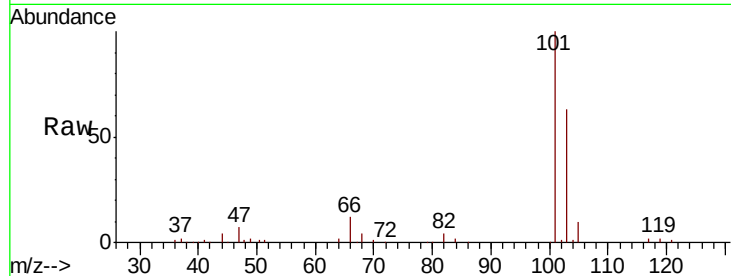
Trichlorofluoromethane  
 Concen: 18.026 ug/l  
 RT: 1.93 min Scan# 220  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.8  | 51.5  | 77.3  |

Manual Integrations  
 APPROVED

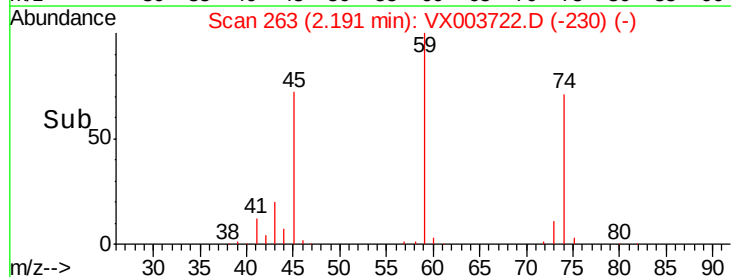
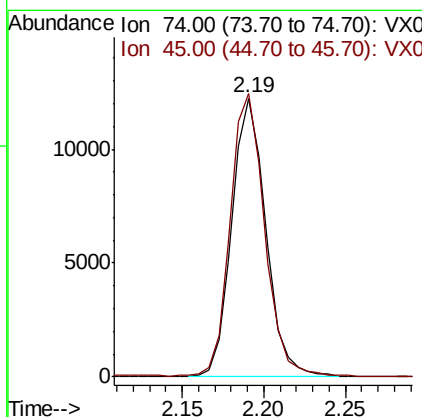
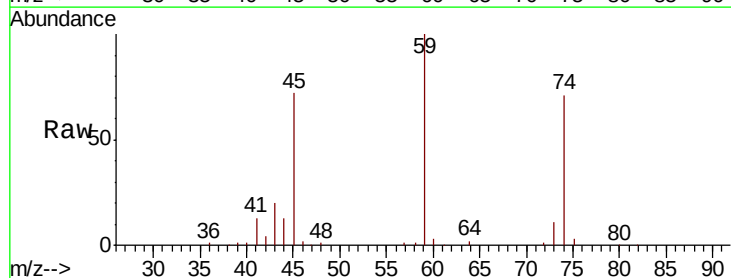
MMDadoda  
 7/30/2018 3:42:33 PM



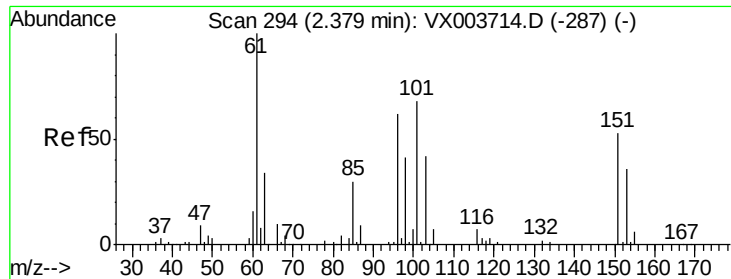
#8

Diethyl Ether  
 Concen: 18.189 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 103.3 | 20.5  | 184.5 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.383 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

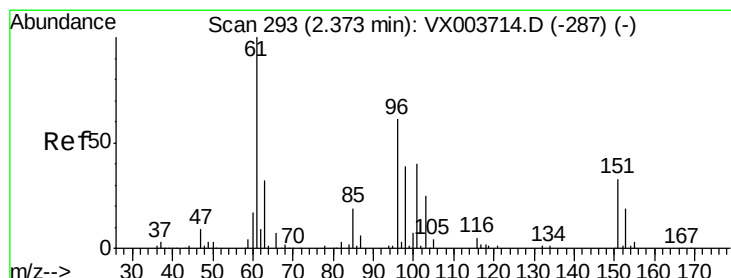
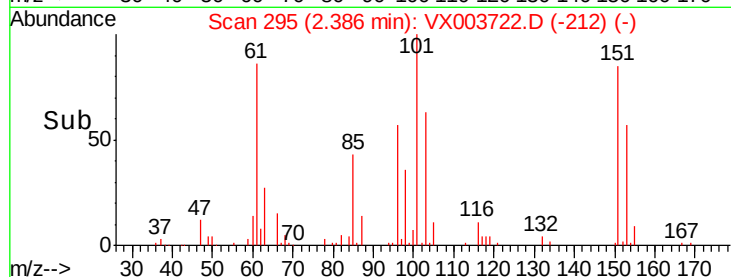
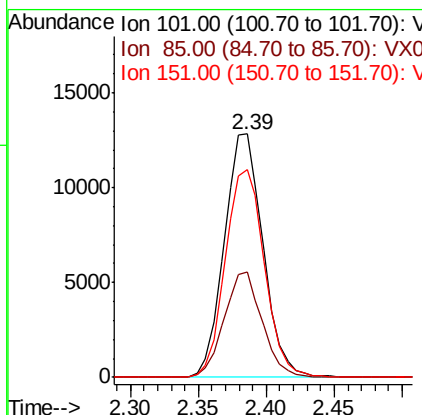
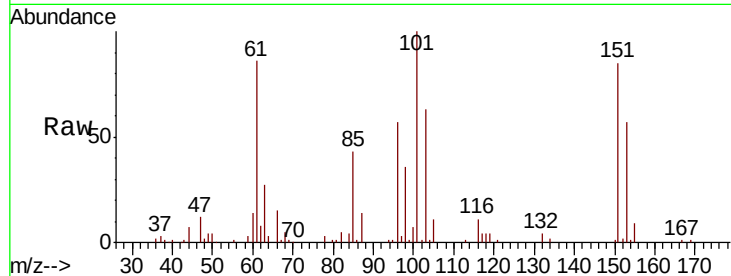
ClientSampleId :

VX0727WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 25415 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.6  | 0.0   | 87.0  |
| 151       | 86.3  | 0.0   | 177.6 |

Manual Integrations  
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7/30/2018 3:42:33 PM



#10

1,1-Dichloroethene

Concen: 18.347 ug/l

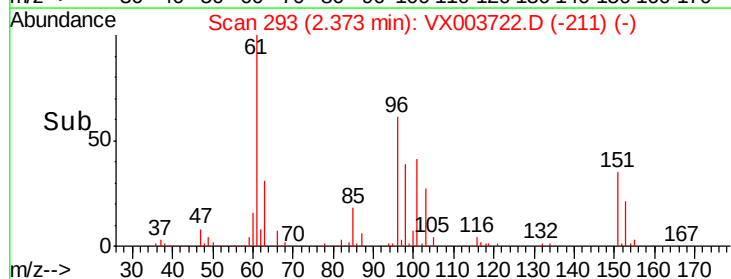
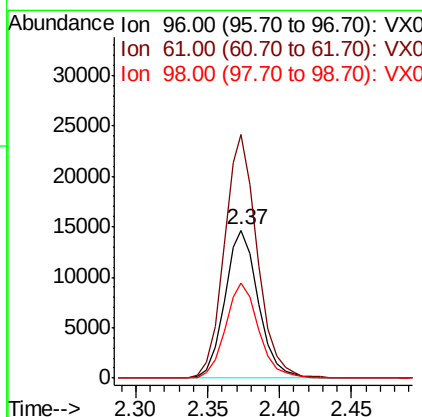
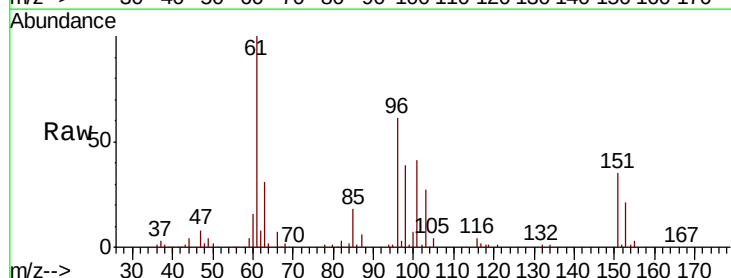
RT: 2.37 min Scan# 293

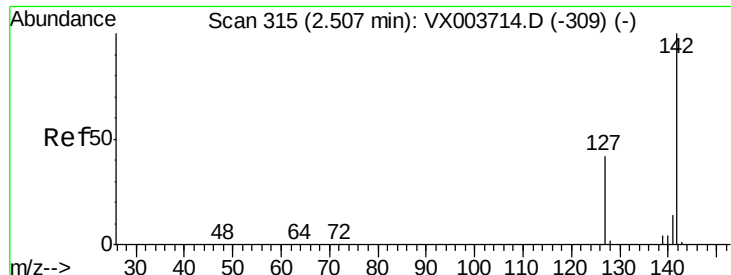
Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 23850 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 164.5 | 137.5 | 206.3 |
| 98        | 64.1  | 51.4  | 77.2  |





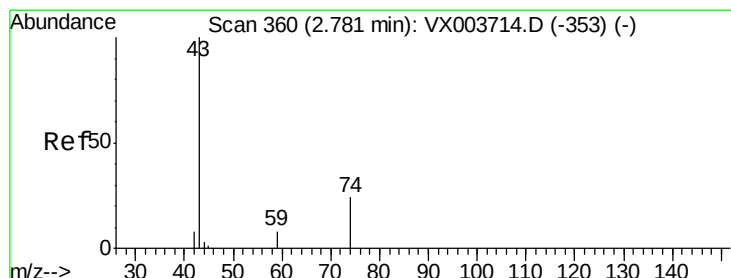
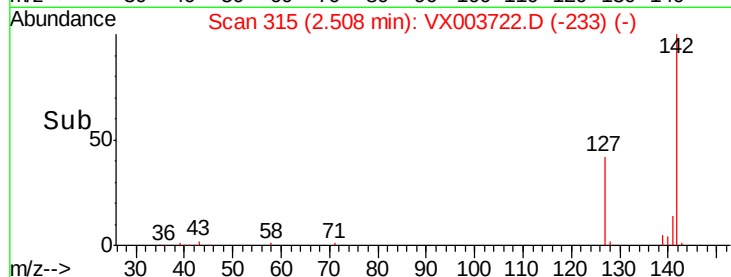
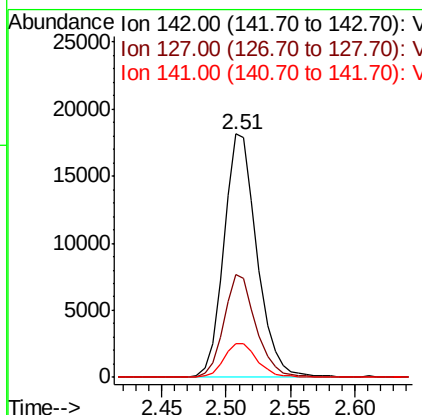
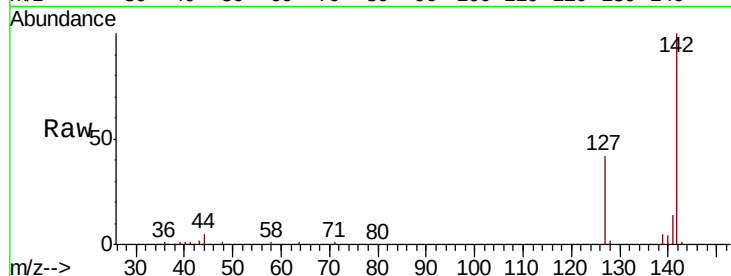
#11  
Methyl Iodide  
Concen: 18.138 ug/l  
RT: 2.51 min Scan# 315  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 42.1  | 23.2  | 69.6  |
| 141     | 13.7  | 7.4   | 22.2  |

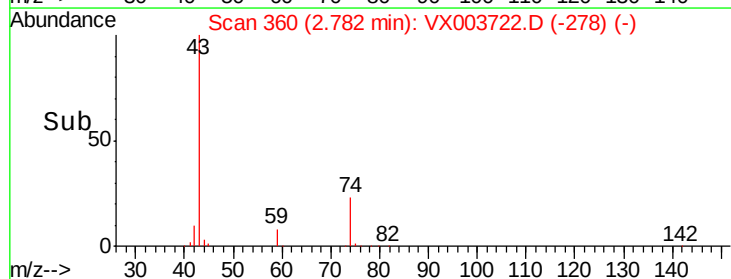
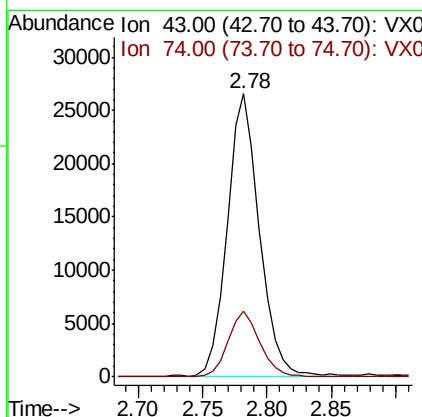
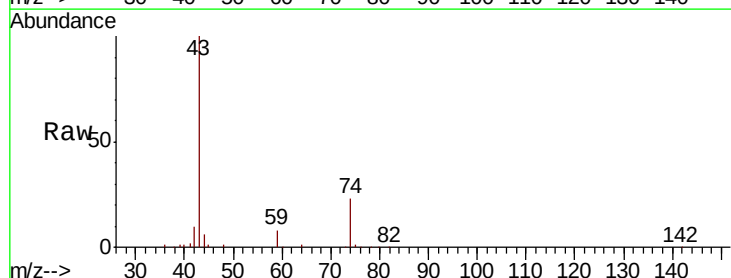
Manual Integrations  
APPROVED

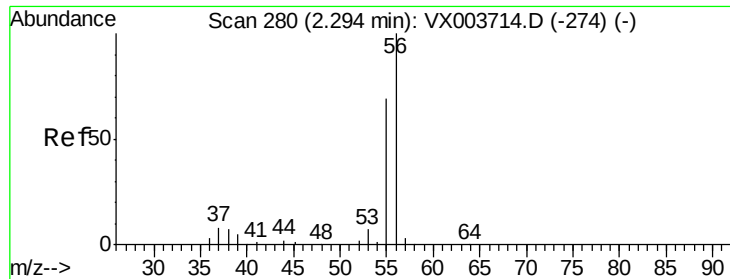
MMDadoda  
7/30/2018 3:42:33 PM



#12  
Methyl Acetate  
Concen: 18.984 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.4  | 16.4  | 24.6  |





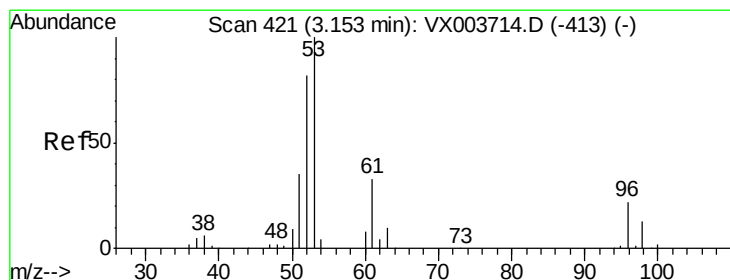
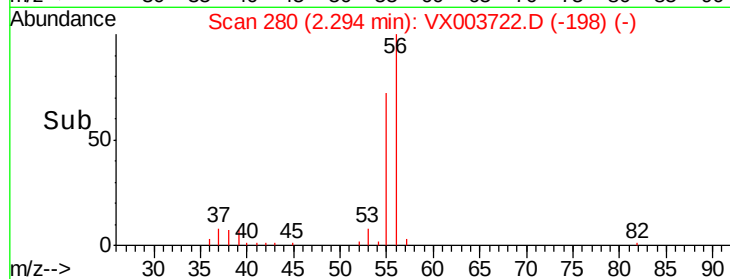
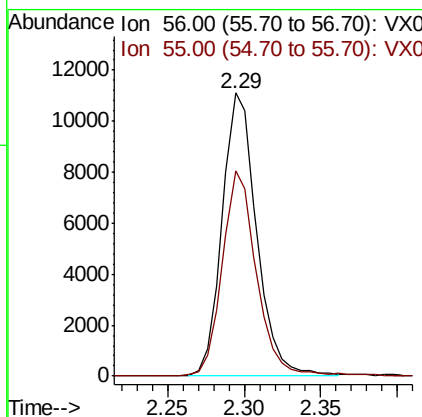
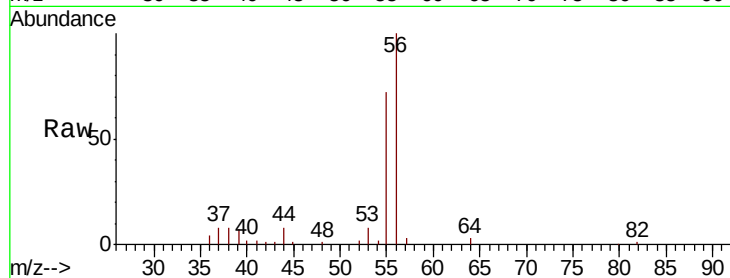
#13  
Acrolein  
Concen: 92.703 ug/l  
RT: 2.29 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

Tot Ion: 56 Resp: 17391  
Ion Ratio Lower Upper  
56 100  
55 71.5 57.3 85.9

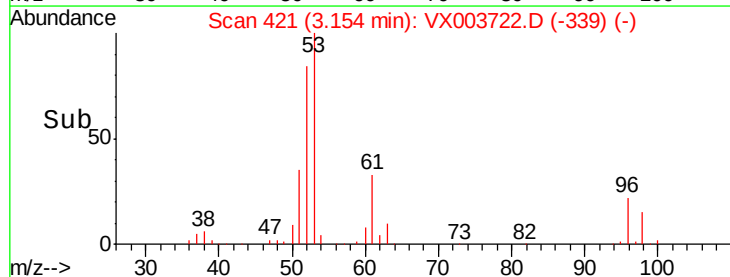
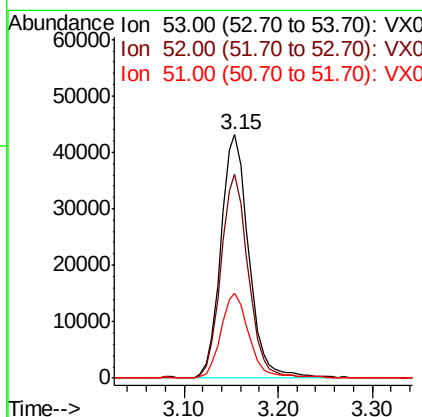
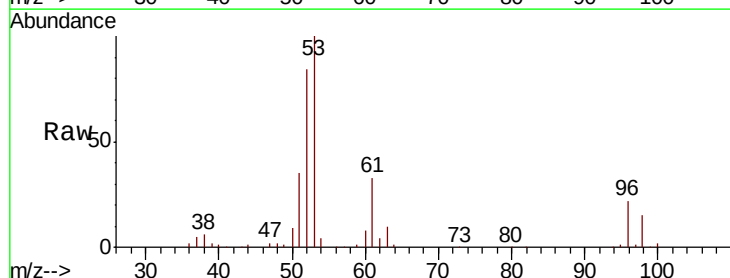
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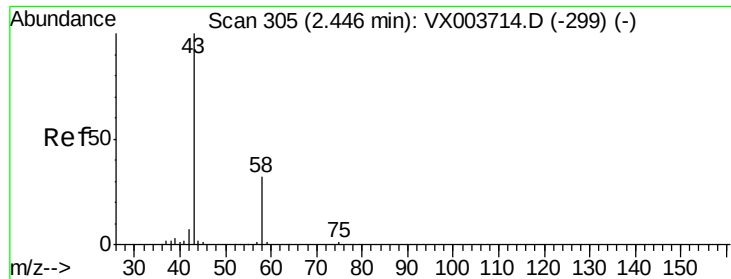
MMDadoda  
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#14  
Acrylonitrile  
Concen: 93.463 ug/l  
RT: 3.15 min Scan# 421  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Tgt Ion: 53 Resp: 88581  
Ion Ratio Lower Upper  
53 100  
52 82.1 41.5 124.6  
51 35.1 17.9 53.8





#15

Acetone

Concen: 91.475 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0727WBSD01

Tot Ion: 58 Resp: 23526

Ion Ratio Lower Upper

58 100

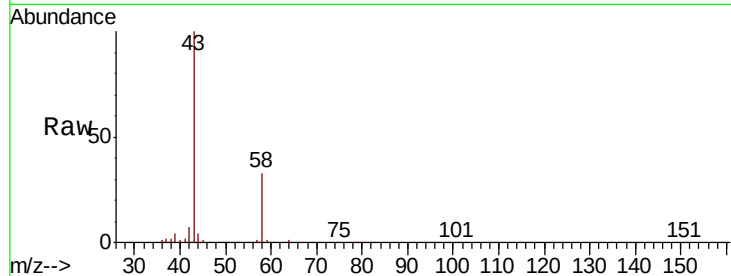
43 300.4 278.8 418.2

Manual Integrations

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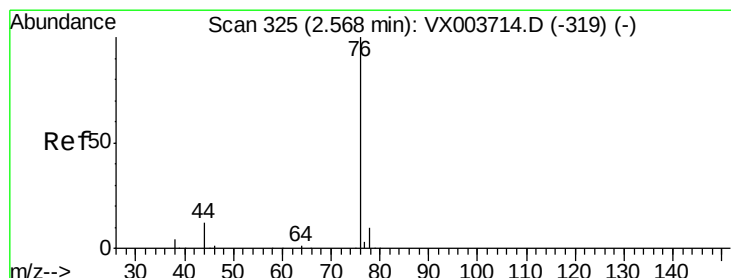
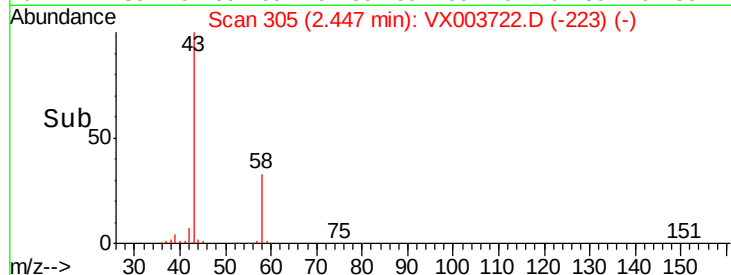
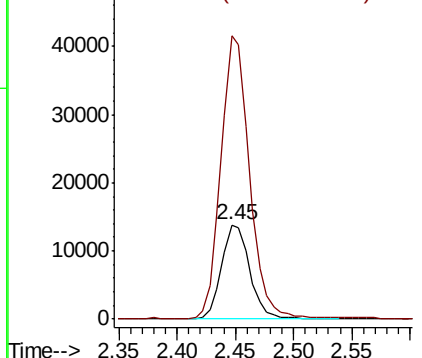
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.778 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003722.D

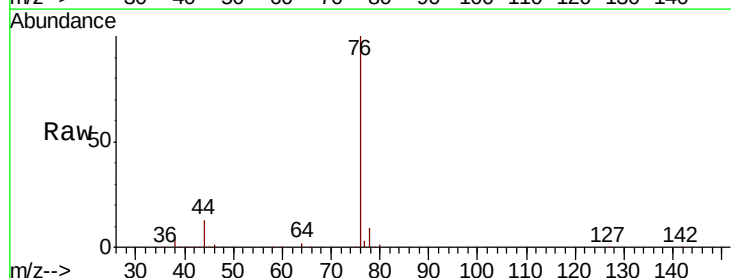
Acq: 27 Jul 2018 20:06

Tgt Ion: 76 Resp: 64179

Ion Ratio Lower Upper

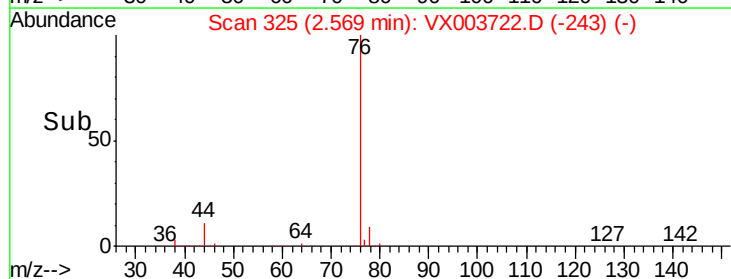
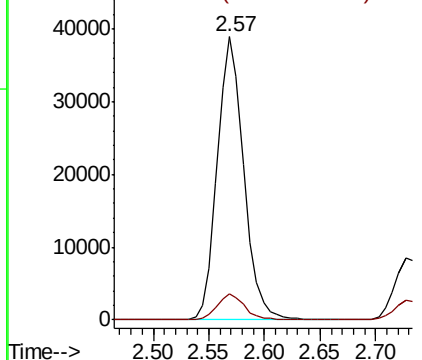
76 100

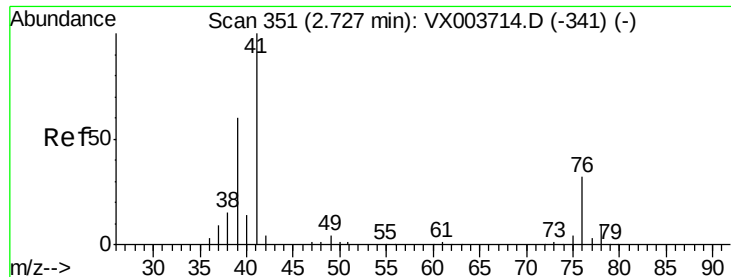
78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





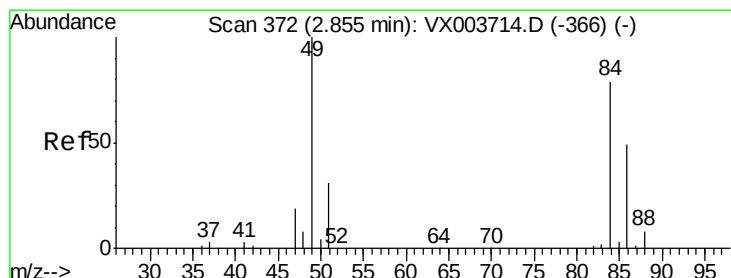
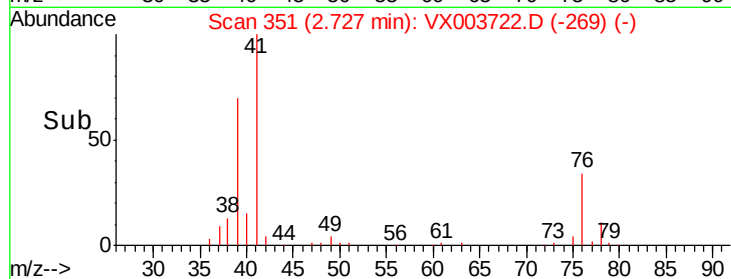
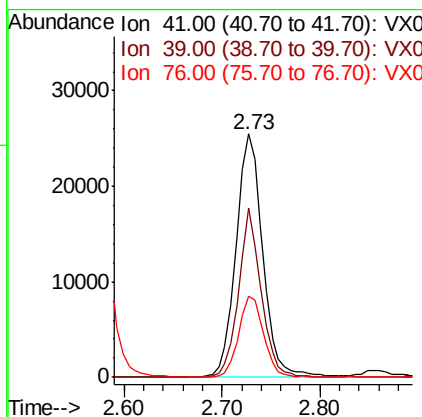
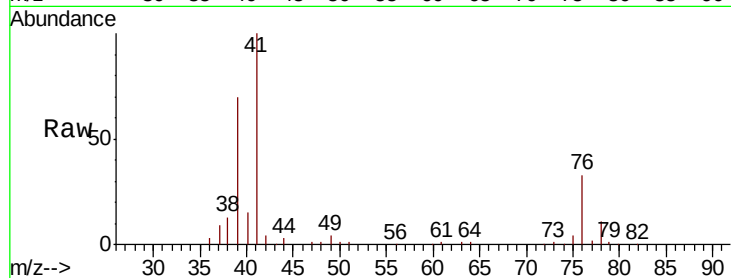
#17  
Allvl chloride  
Concen: 17.901 ug/l  
RT: 2.73 min Scan# 351  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 69.6  | 34.6  | 103.8 |
| 76      | 33.5  | 15.0  | 45.1  |

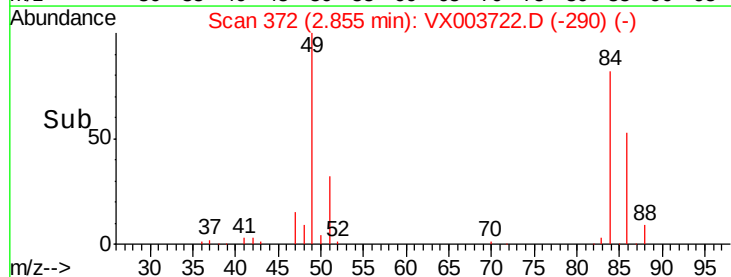
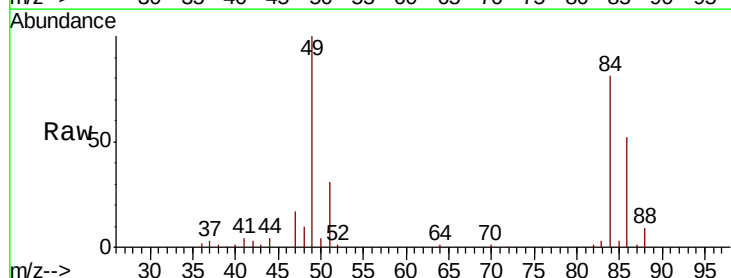
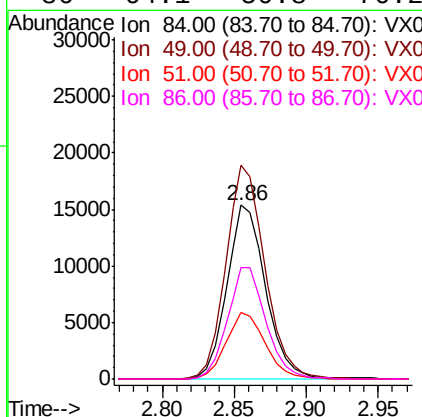
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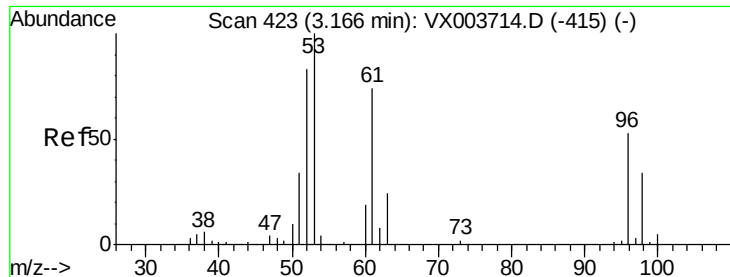
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#18  
Methylene Chloride  
Concen: 18.698 ug/l  
RT: 2.86 min Scan# 372  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 122.5 | 104.7 | 157.1 |
| 51      | 38.4  | 31.0  | 46.4  |
| 86      | 64.1  | 50.8  | 76.2  |





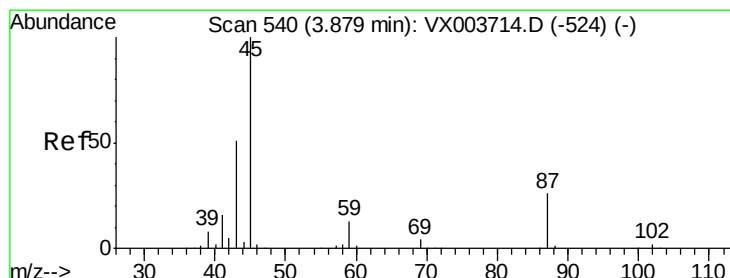
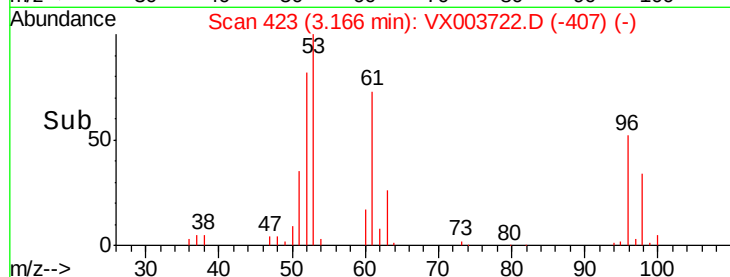
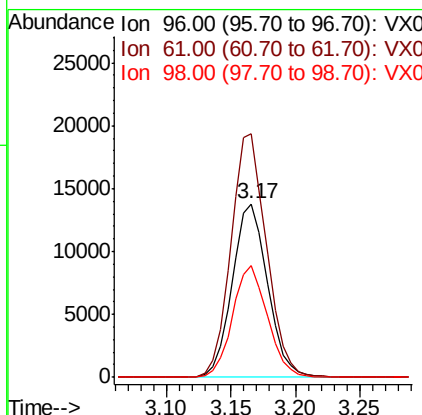
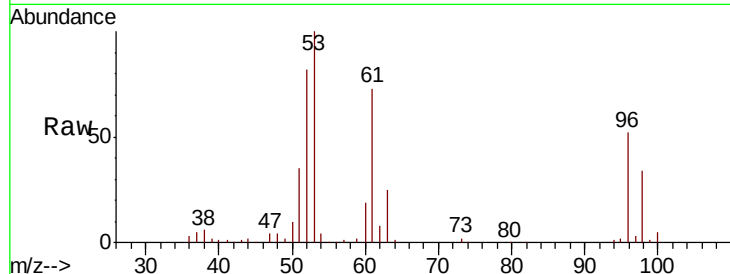
#19  
trans-1,2-Dichloroethene  
Concen: 18.750 ug/l  
RT: 3.17 min Scan# 423  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 140.1 | 114.6 | 172.0 |
| 98      | 64.5  | 51.3  | 76.9  |

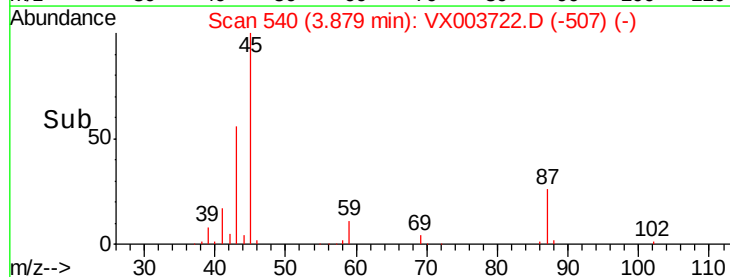
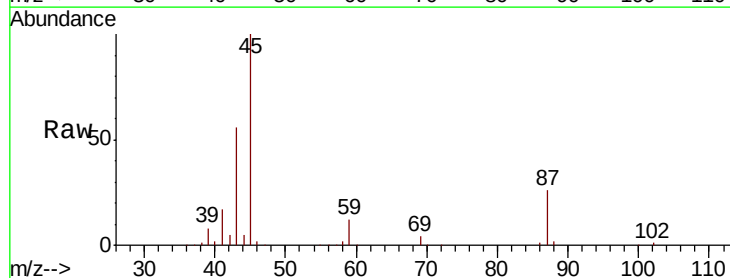
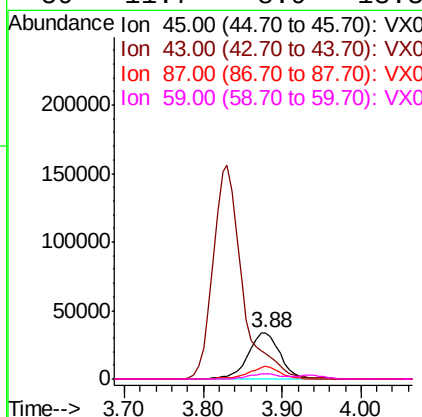
Manual Integrations  
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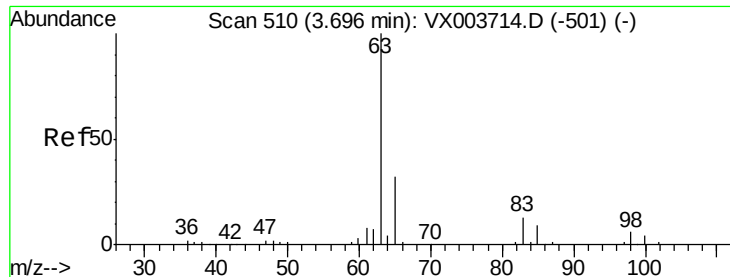
MMDadoda  
7/30/2018 3:42:33 PM



#20  
Diisopropyl ether  
Concen: 19.260 ug/l  
RT: 3.88 min Scan# 540  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 55.0  | 45.6  | 68.4  |
| 87      | 26.4  | 20.7  | 31.1  |
| 59      | 11.7  | 8.9   | 13.3  |





#21

1,1-Dichloroethane

Concen: 18.612 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

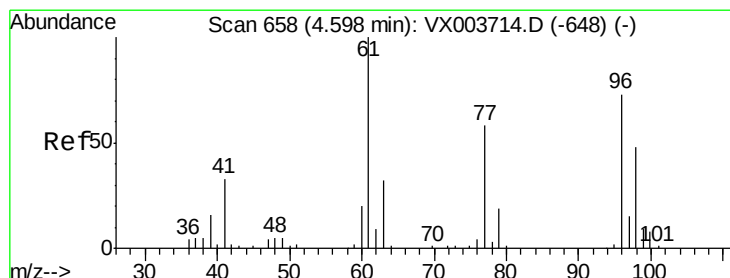
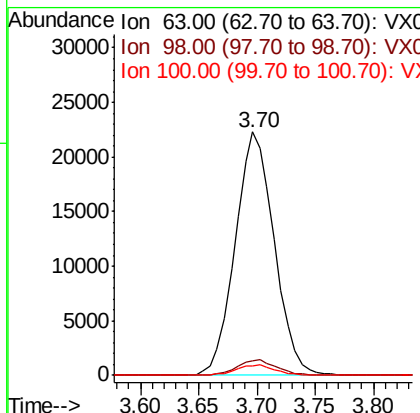
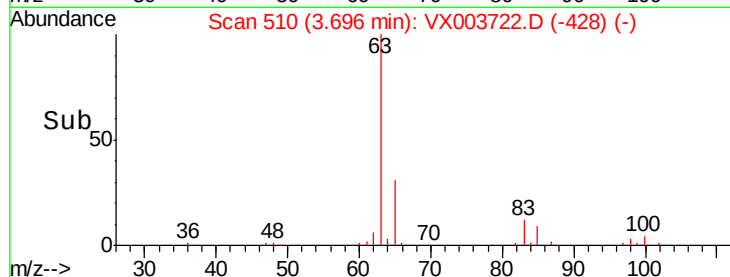
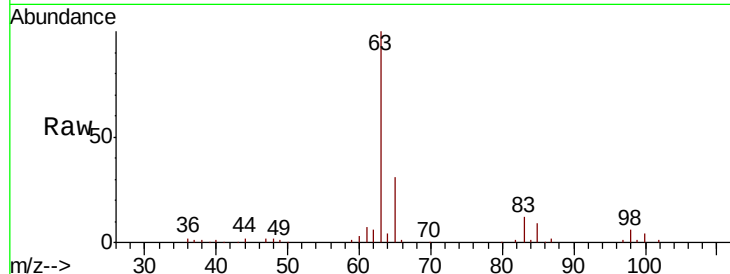
ClientSampleId :

VX0727WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 63    | Resp: | 52055 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 6.1   | 3.1   | 9.3   |
| 100      | 4.0   | 2.2   | 6.6   |

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7/30/2018 3:42:33 PM



#22

cis-1,2-Dichloroethene

Concen: 19.692 ug/l

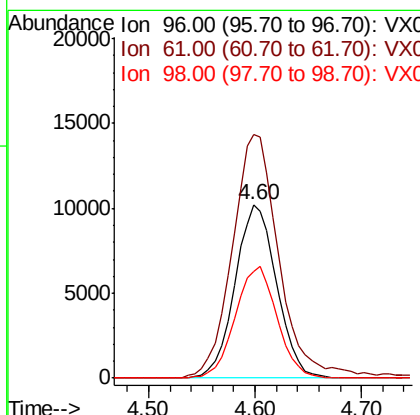
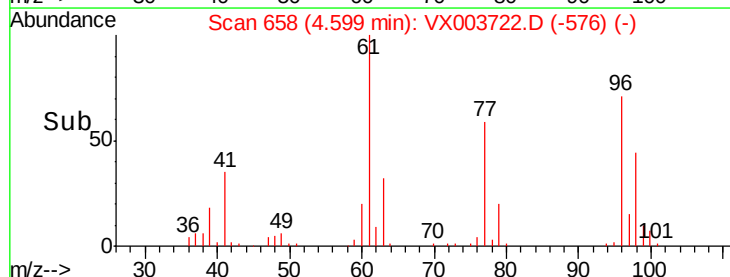
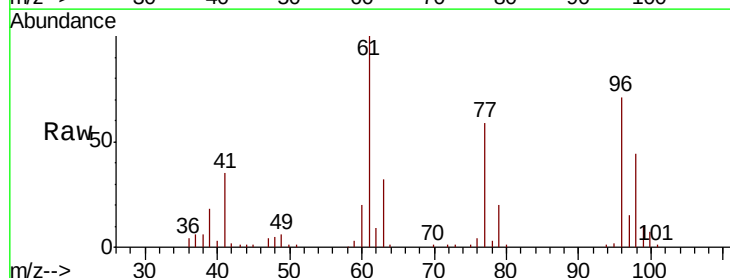
RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

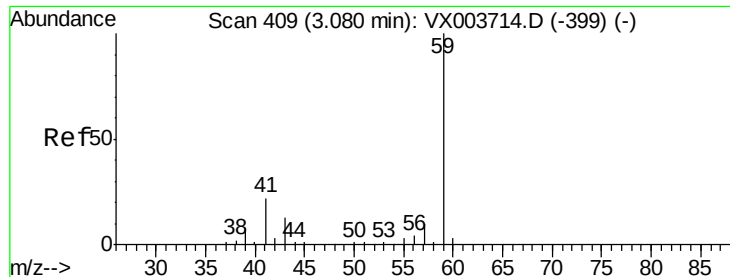
Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 27942  |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 157.2 | 160.2 | 240.2# |
| 98       | 64.5  | 54.1  | 81.1   |







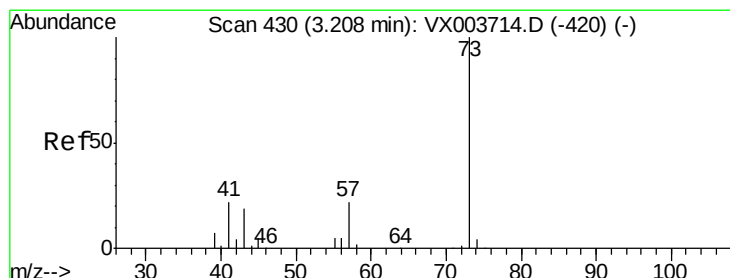
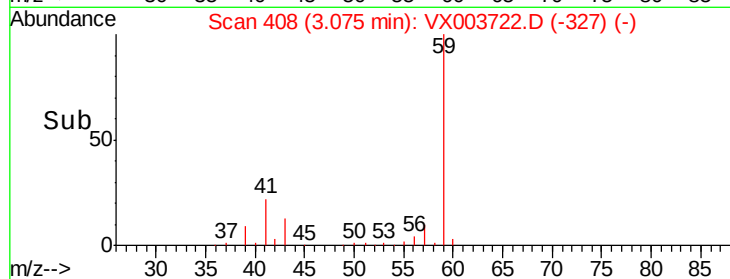
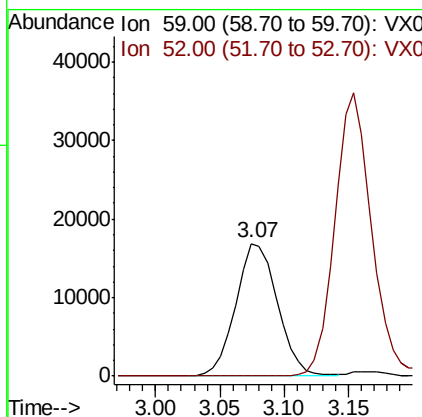
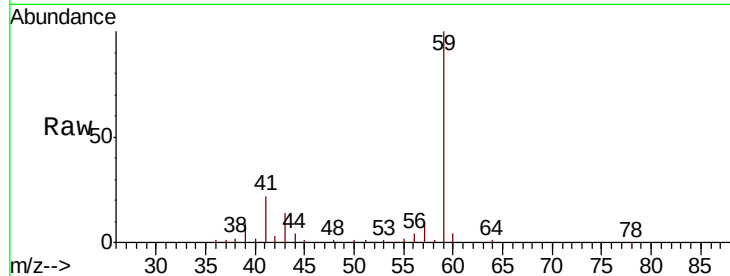
#23  
 tert-Butyl Alcohol  
 Concen: 95.629 ug/l  
 RT: 3.07 min Scan# 408  
 Delta R.T. -0.01 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

| Tot Ion | 59 | 52 | Ratio | 100 | 0.2 | Resp: | 38071 | Lower | Upper |
|---------|----|----|-------|-----|-----|-------|-------|-------|-------|
| Ion     | 59 | 52 | Ratio | 100 | 0.2 | Resp: | 38071 | Lower | Upper |

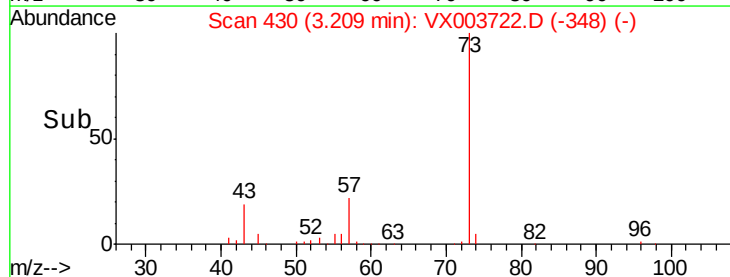
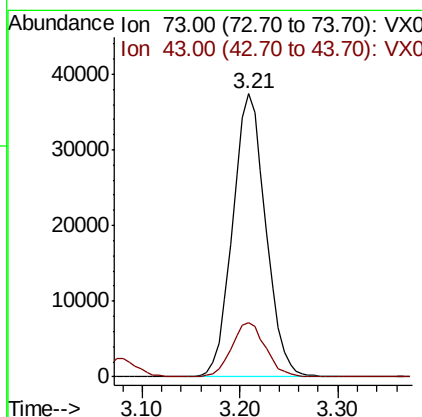
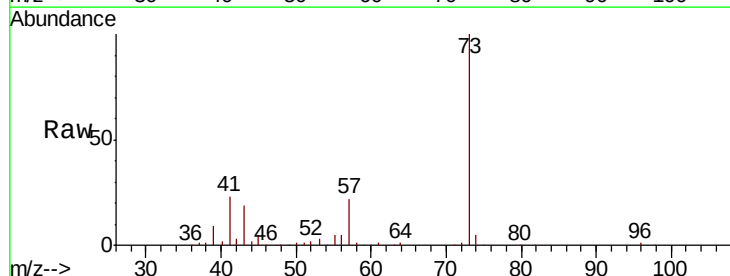
Manual Integrations  
 APPROVED

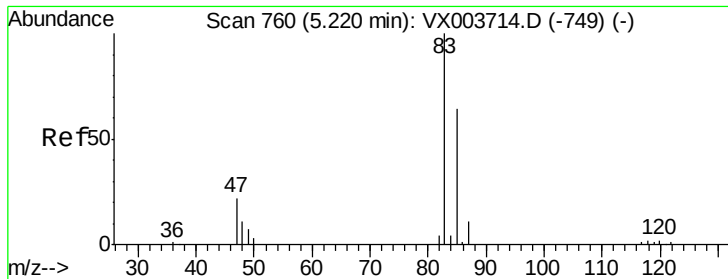
MMDadoda  
 7/30/2018 3:42:33 PM



#24  
 Methyl tert-Butyl Ether  
 Concen: 18.823 ug/l  
 RT: 3.21 min Scan# 430  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

| Tgt Ion | 73 | 43 | Ratio | 100 | 19.4 | Resp: | 87758 | Lower | Upper |
|---------|----|----|-------|-----|------|-------|-------|-------|-------|
| Ion     | 73 | 43 | Ratio | 100 | 19.4 | Resp: | 87758 | Lower | Upper |





#25

Chloroform

Concen: 19.130 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0727WBSD01

Tot Ion: 83 Resp: 46336

Ion Ratio Lower Upper

83 100

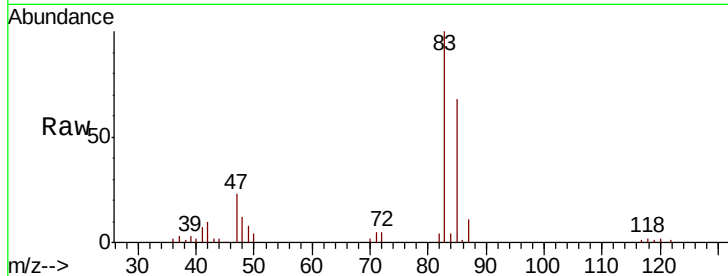
85 68.2 51.9 77.9

Manual Integrations

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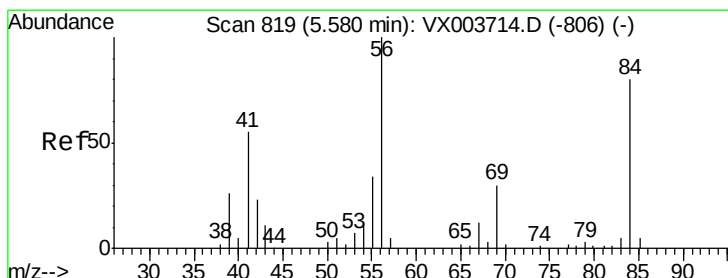
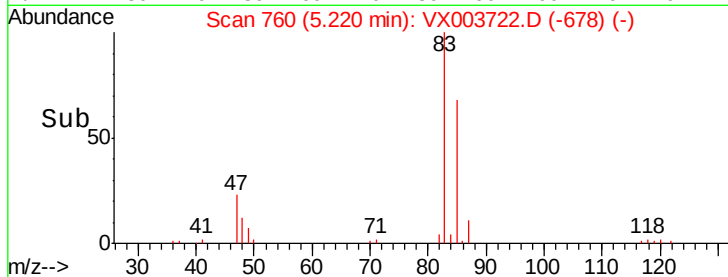
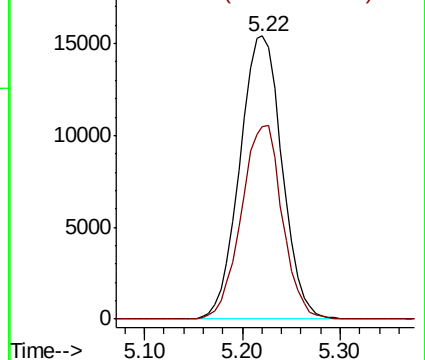
MMDadoda

7/30/2018 3:42:33 PM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 16.439 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

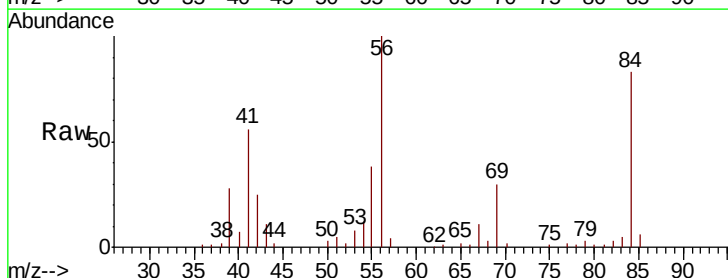
Tgt Ion: 56 Resp: 34542

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

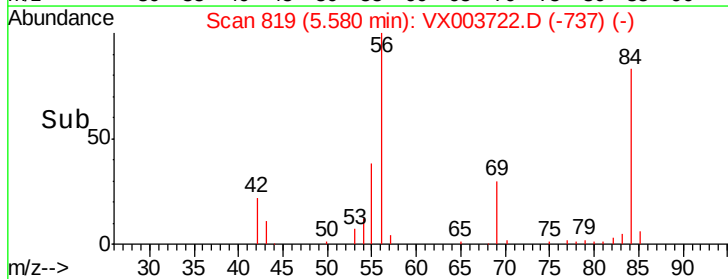
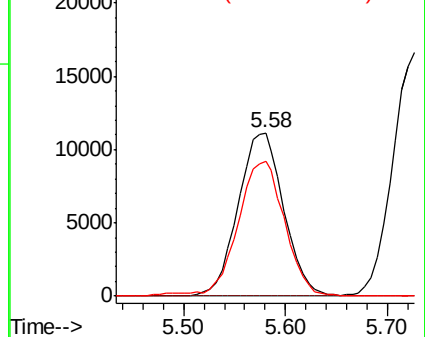
84 84.3 64.9 97.3

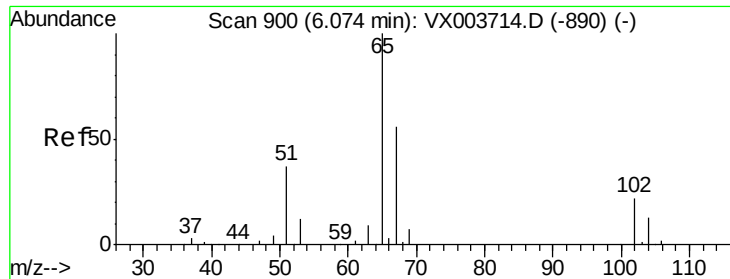


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





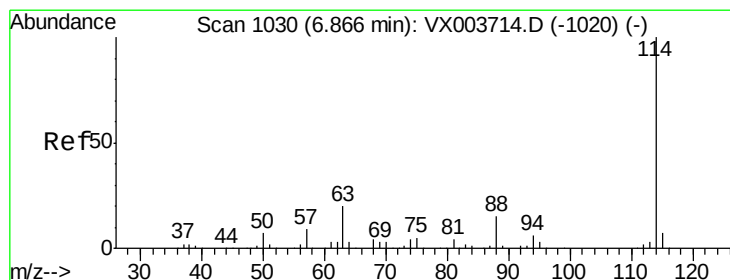
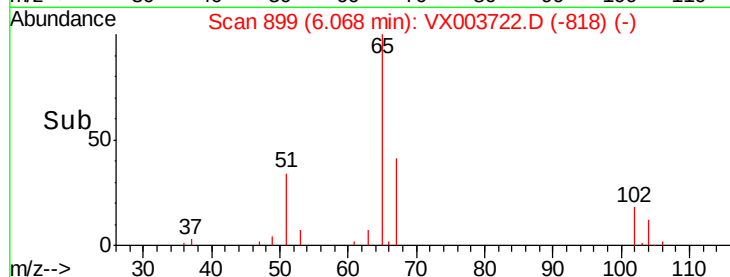
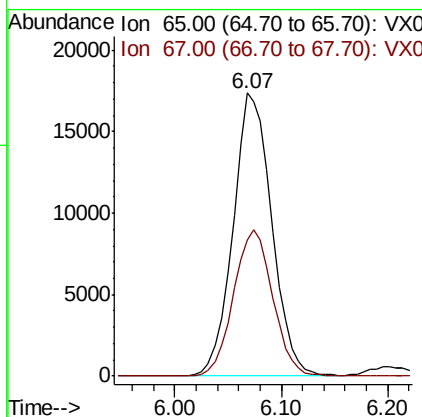
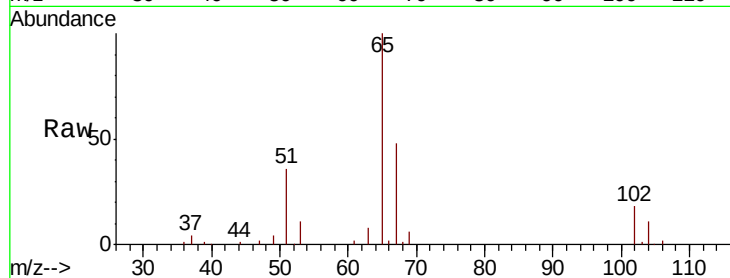
#27  
 1,2-Dichloroethane-d4  
 Concen: 26.614 ug/l  
 RT: 6.07 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

Tot Ion: 65 Resp: 44302  
 Ion Ratio Lower Upper  
 65 100  
 67 52.2 40.9 61.3

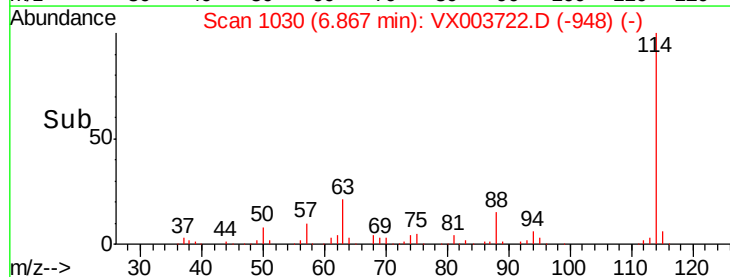
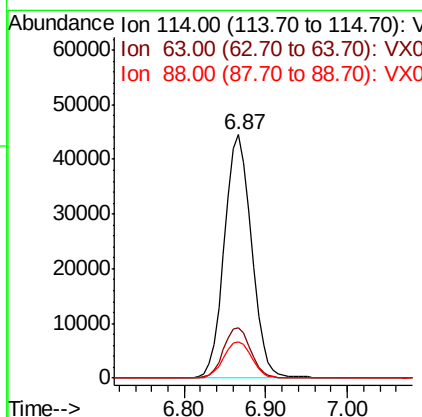
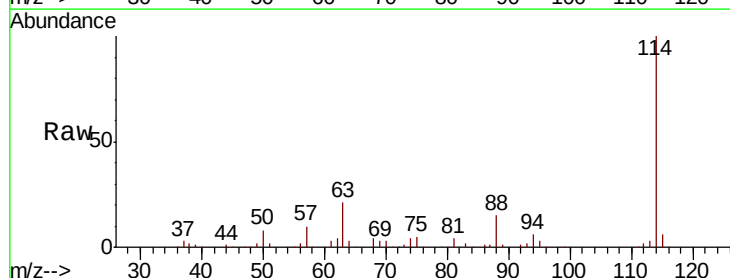
Manual Integrations  
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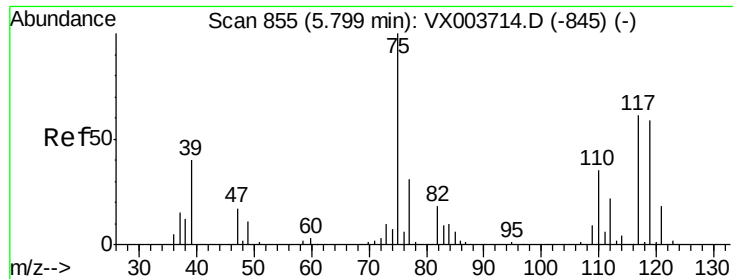
MMDadoda  
 7/30/2018 3:42:33 PM



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Tgt Ion: 114 Resp: 102608  
 Ion Ratio Lower Upper  
 114 100  
 63 20.9 17.1 25.7  
 88 15.4 12.6 19.0





#29

1,1-Dichloropropene

Concen: 19.702 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

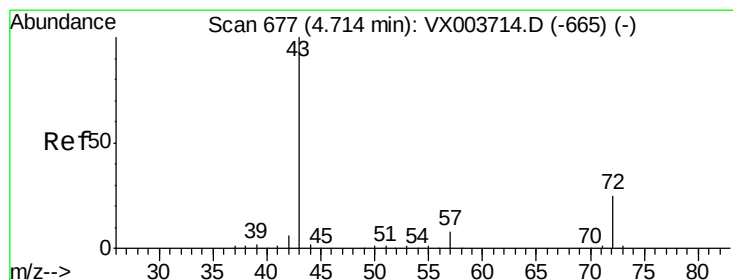
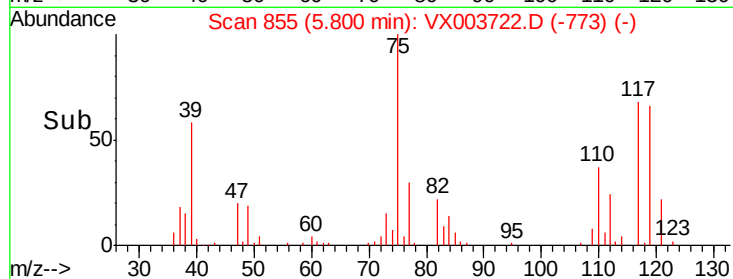
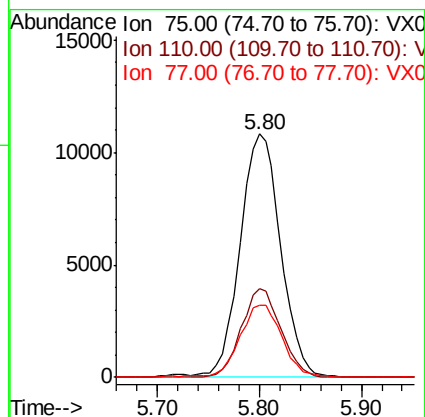
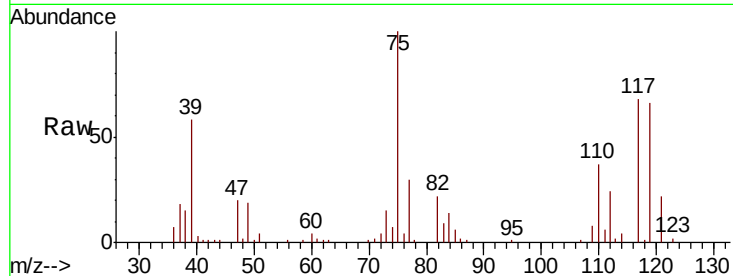
ClientSampleId :

VX0727WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 29854 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 35.3  | 0.0   | 71.4  |
| 77        | 30.8  | 0.0   | 60.6  |

Manual Integrations  
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7/30/2018 3:42:33 PM



#30

2-Butanone

Concen: 116.756 ug/l

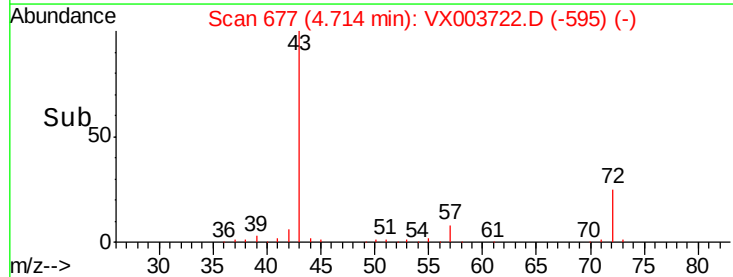
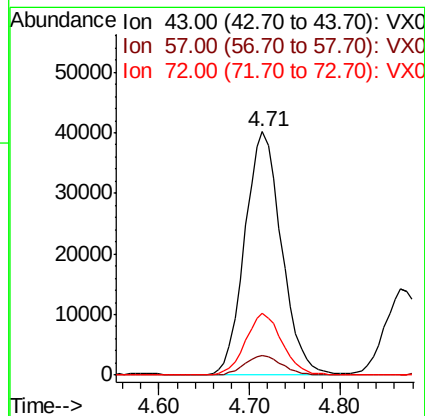
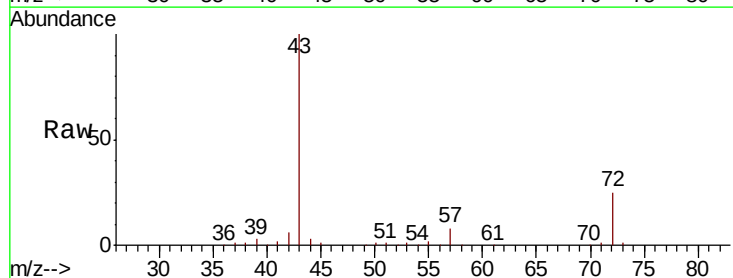
RT: 4.71 min Scan# 677

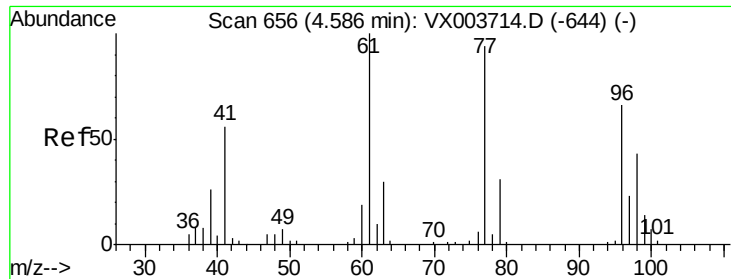
Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 112976 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 57        | 8.1   | 6.1   | 9.1    |
| 72        | 25.1  | 18.1  | 27.1   |





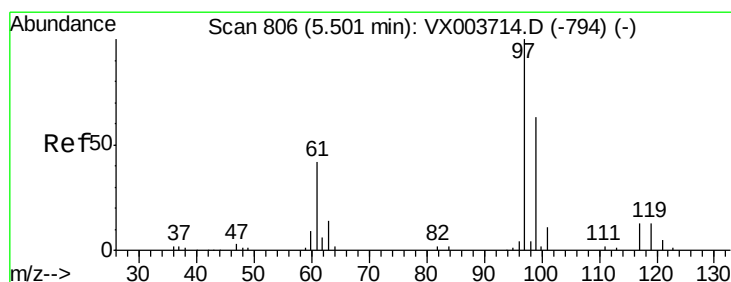
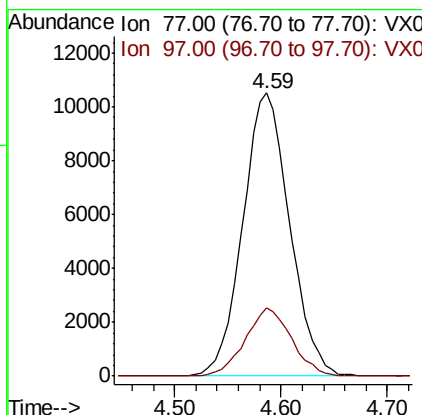
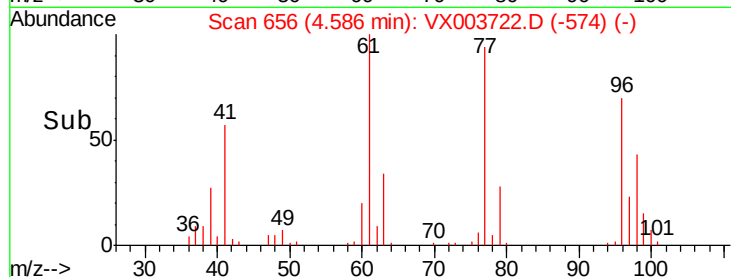
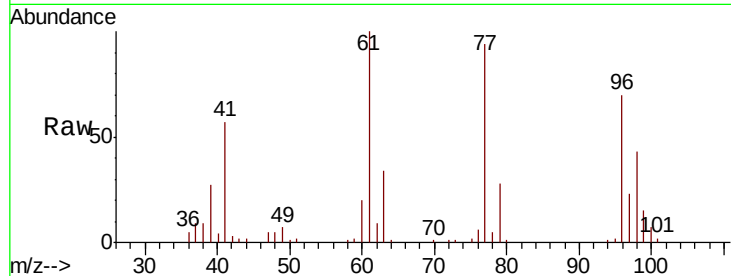
#31  
 2,2-Dichloropropane  
 Concen: 22.075 ug/l  
 RT: 4.59 min Scan# 656  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

Tot Ion: 77 Resp: 32399  
 Ion Ratio Lower Upper  
 77 100  
 97 23.6 18.7 28.1

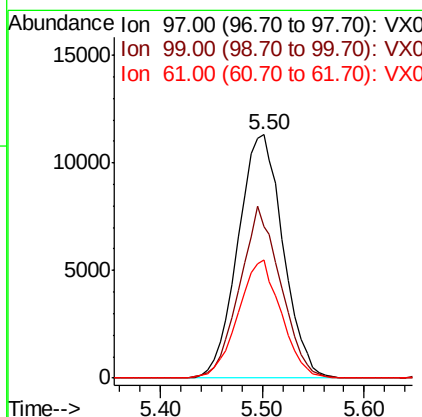
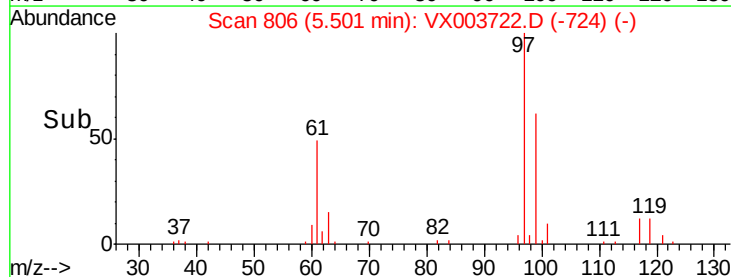
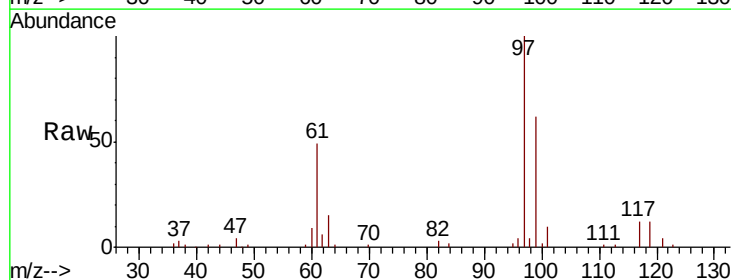
Manual Integrations  
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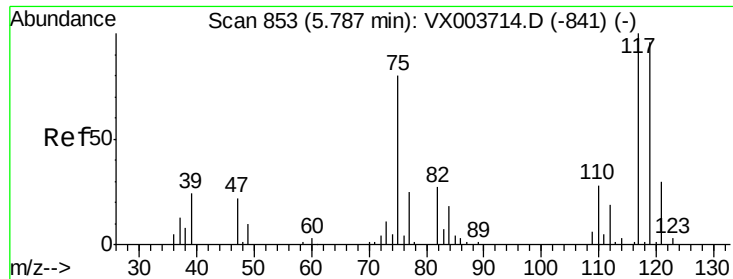
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 7/30/2018 3:42:33 PM



#32  
 1,1,1-Trichloroethane  
 Concen: 20.049 ug/l  
 RT: 5.50 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Tgt Ion: 97 Resp: 34757  
 Ion Ratio Lower Upper  
 97 100  
 99 64.3 51.7 77.5  
 61 46.4 36.4 54.6





#33

Carbon Tetrachloride

Concen: 19.539 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0727WBSD01

Tot Ion:117 Resp: 29435

Ion Ratio Lower Upper

117 100

119 96.7 73.3 109.9

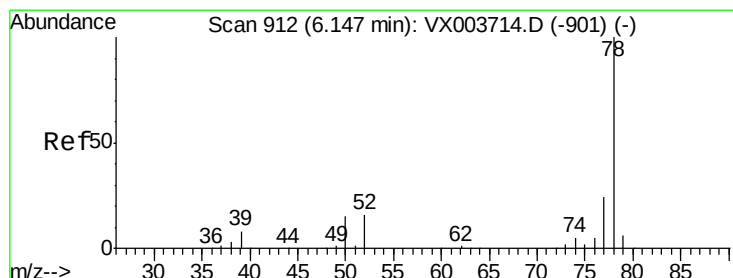
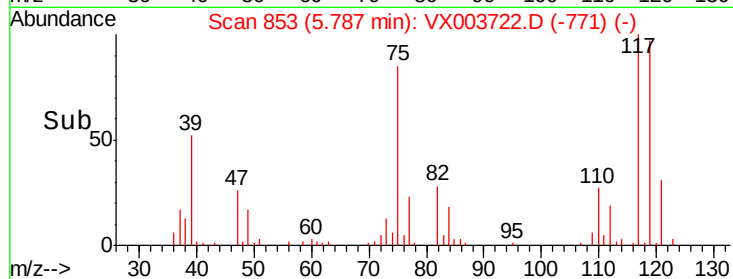
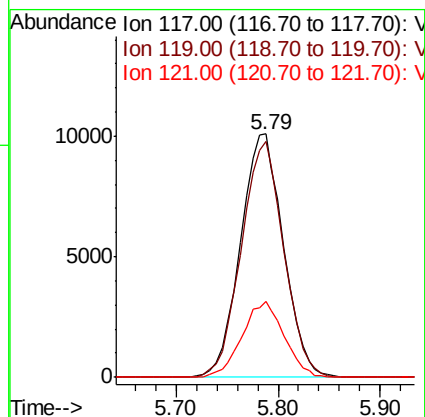
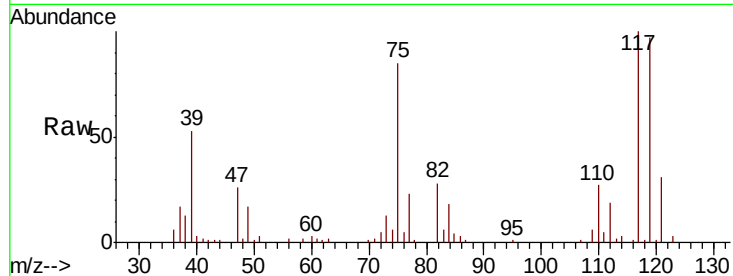
121 31.2 23.6 35.4

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#34

Benzene

Concen: 19.789 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

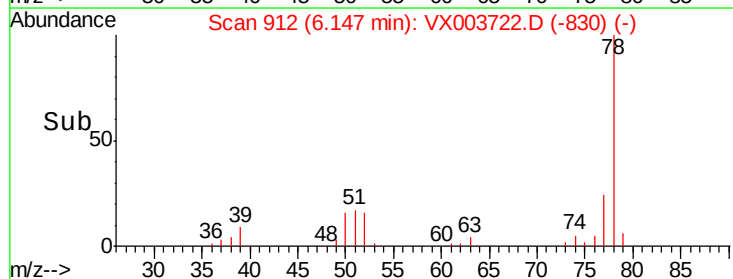
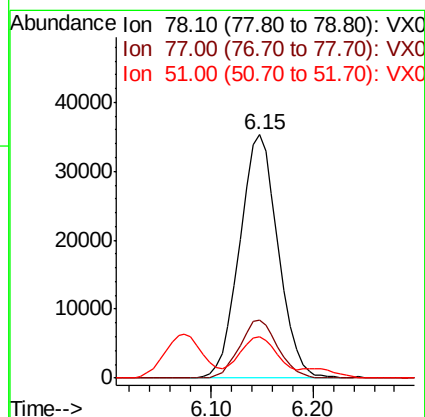
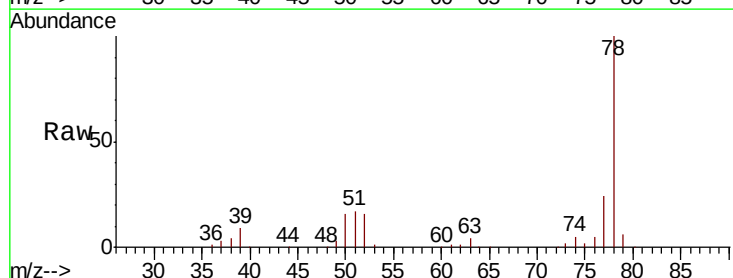
Tgt Ion: 78 Resp: 92124

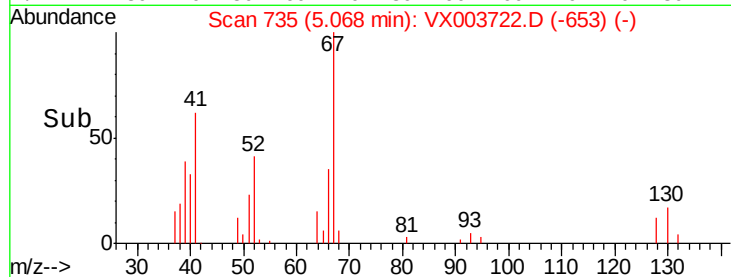
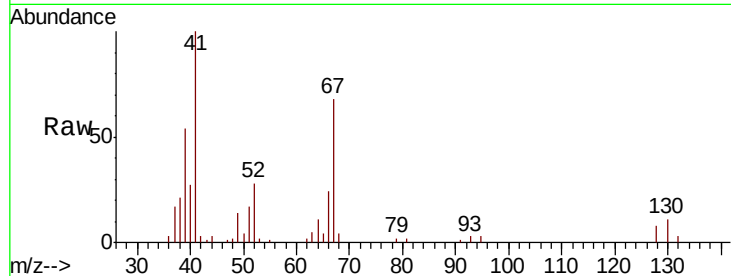
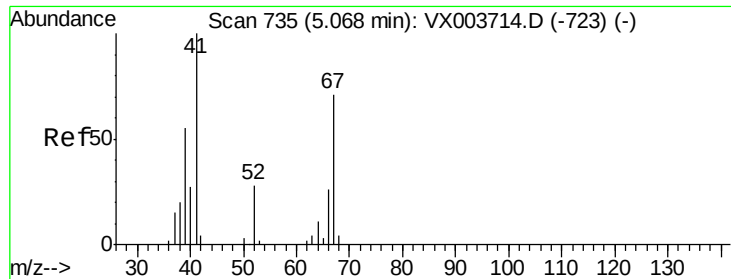
Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

51 15.7 13.8 20.6





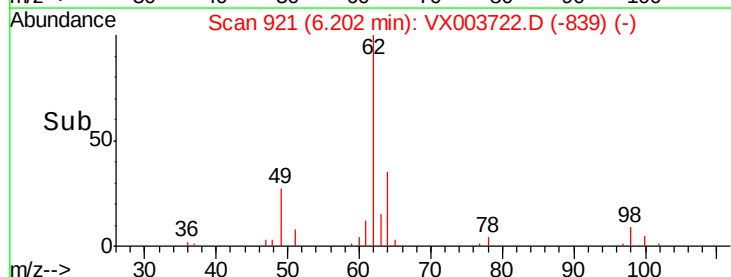
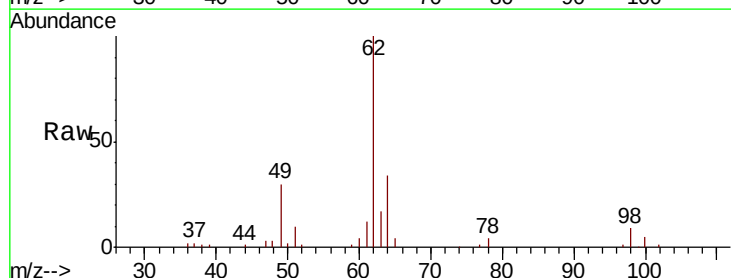
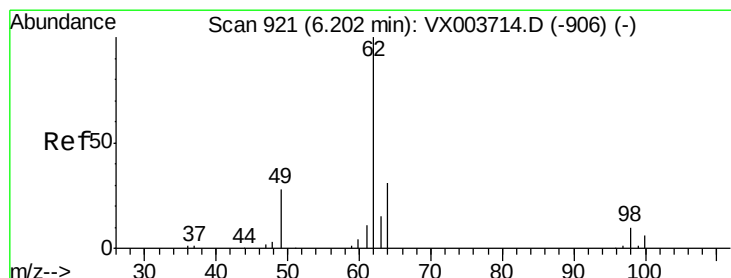
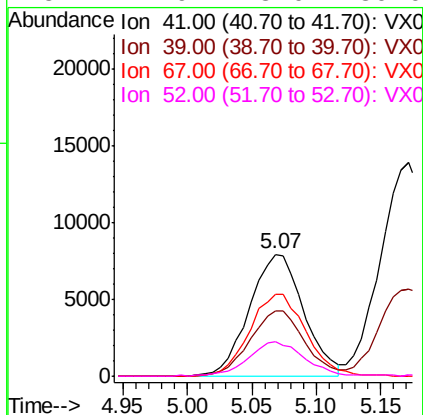
#35  
Methacrylonitrile  
Concen: 23.108 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.9 | 28.8  | 86.5  |       |
| 67      | 67.6 | 30.4  | 91.2  |       |
| 52      | 27.9 | 13.0  | 39.0  |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

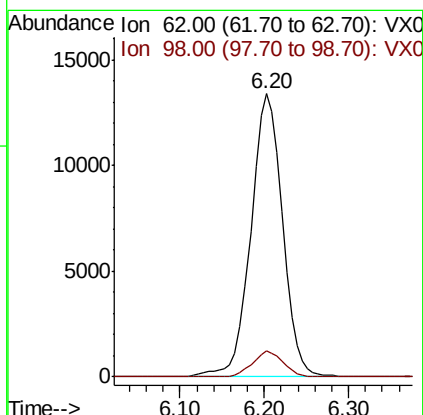
Manual Integrations  
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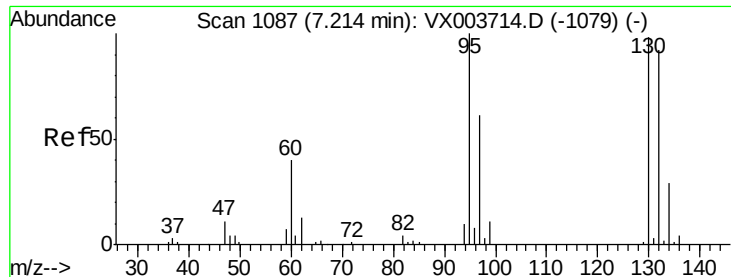
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#36  
1,2-Dichloroethane  
Concen: 20.688 ug/l  
RT: 6.20 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.7 | 6.5   | 9.7   |       |





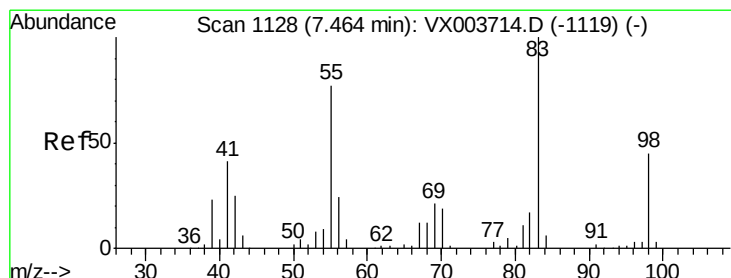
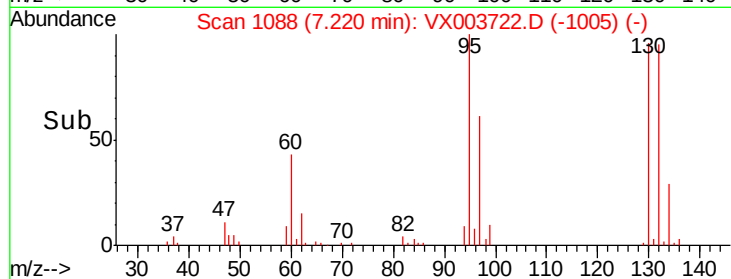
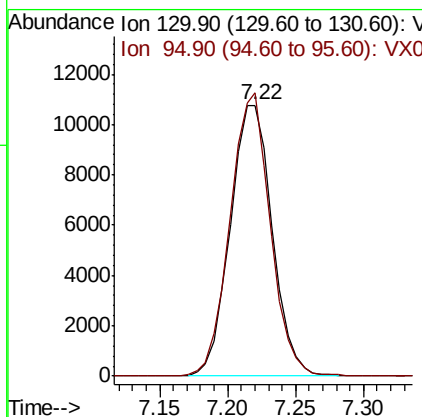
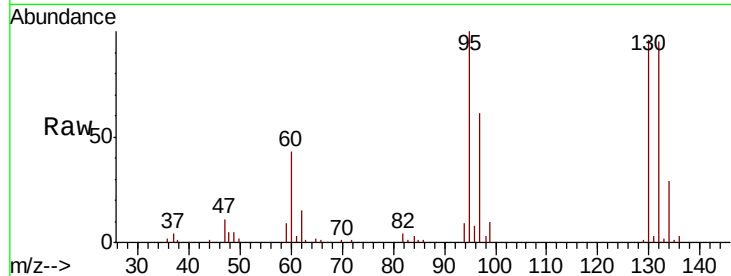
#37  
 Trichloroethene  
 Concen: 19.119 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. 0.01 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

Tot Ion:130 Resp: 23198  
 Ion Ratio Lower Upper  
 130 100  
 95 104.1 81.5 122.3

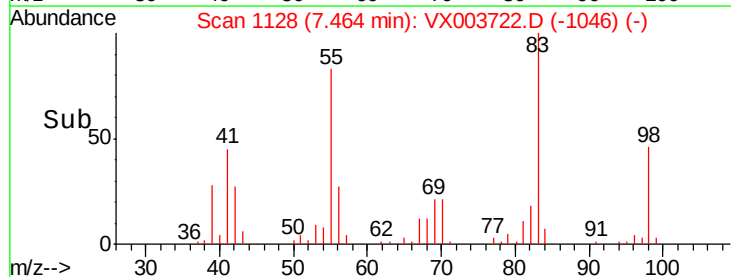
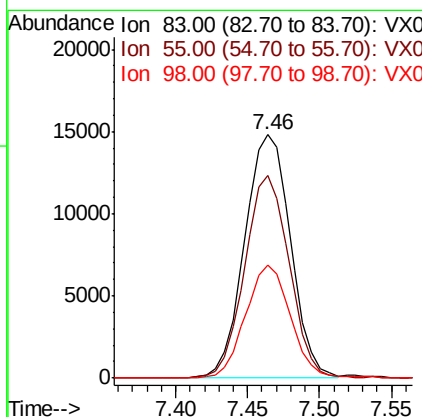
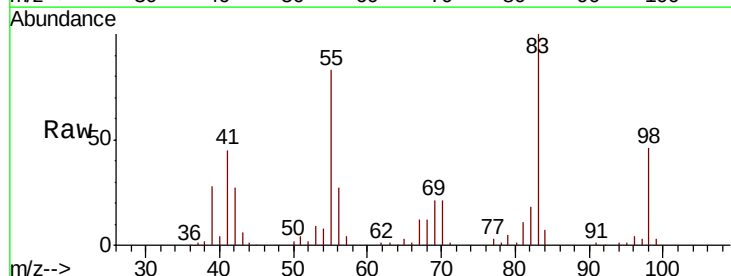
Manual Integrations  
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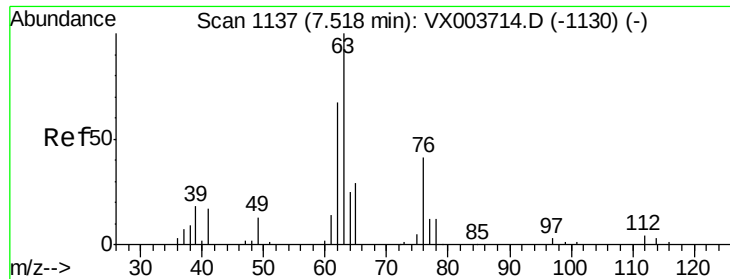


#38  
 Methylcyclohexane  
 Concen: 19.005 ug/l  
 RT: 7.46 min Scan# 1128  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Tgt Ion: 83 Resp: 32722  
 Ion Ratio Lower Upper  
 83 100  
 55 80.9 40.6 121.8  
 98 45.2 23.5 70.5







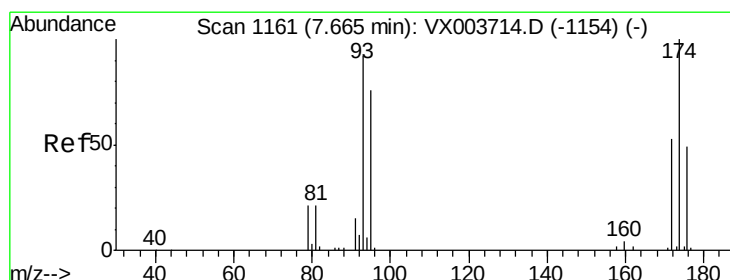
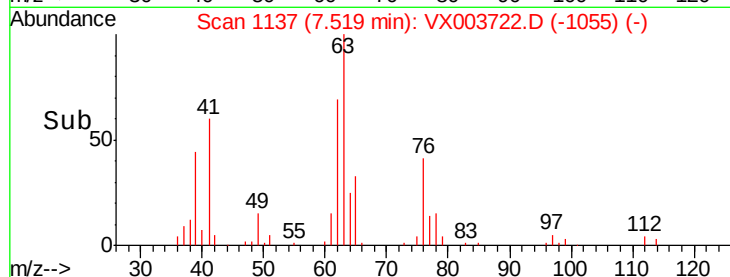
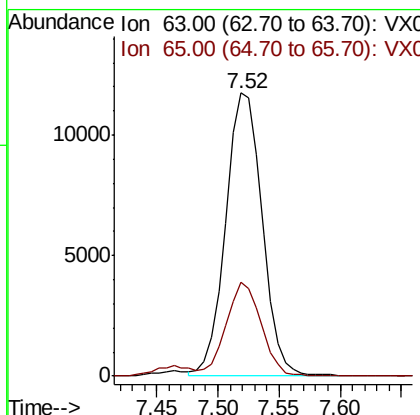
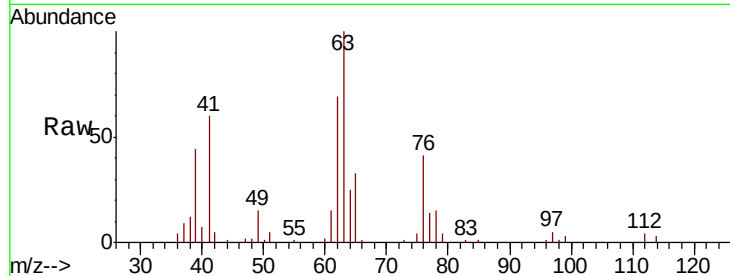
#39  
 1,2-Dichloropropane  
 Concen: 19.760 ug/l  
 RT: 7.52 min Scan# 1137  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

Tot Ion: 63 Resp: 24310  
 Ion Ratio Lower Upper  
 63 100  
 65 33.3 23.3 34.9

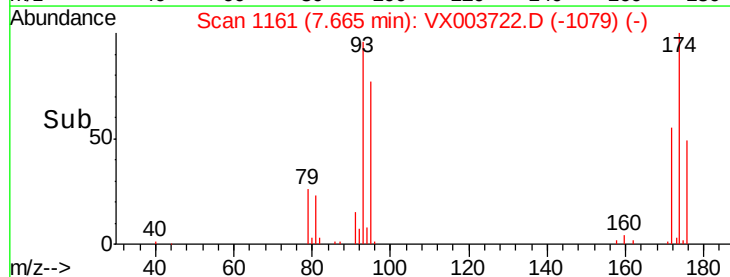
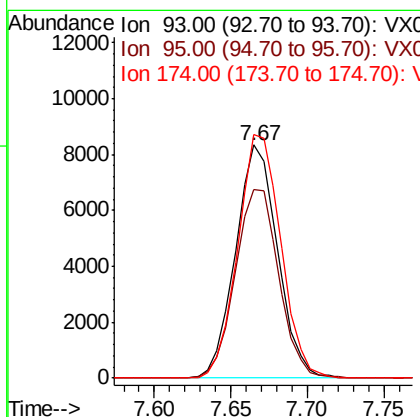
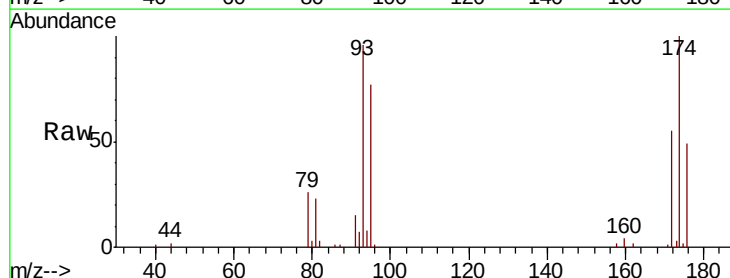
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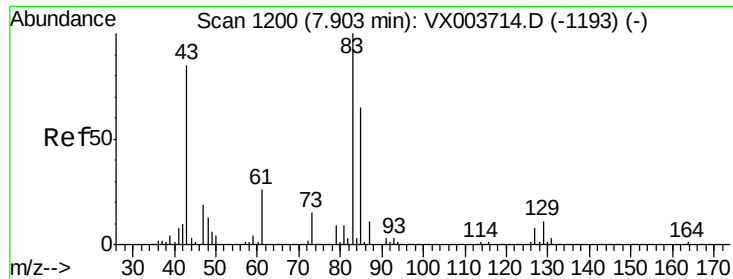
MMDadoda  
 7/30/2018 3:42:33 PM



#40  
 Dibromomethane  
 Concen: 19.989 ug/l  
 RT: 7.67 min Scan# 1161  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Tgt Ion: 93 Resp: 15914  
 Ion Ratio Lower Upper  
 93 100  
 95 84.0 0.0 162.6  
 174 106.5 0.0 229.4





#41

Bromodichloromethane

Concen: 19.440 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

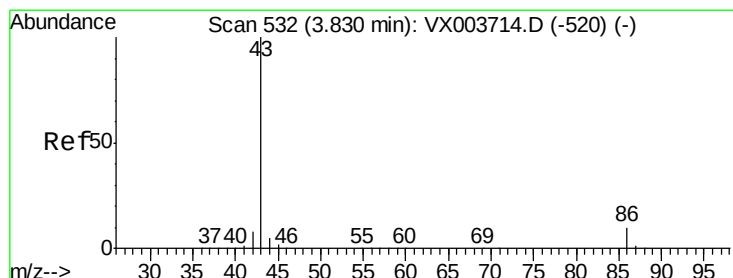
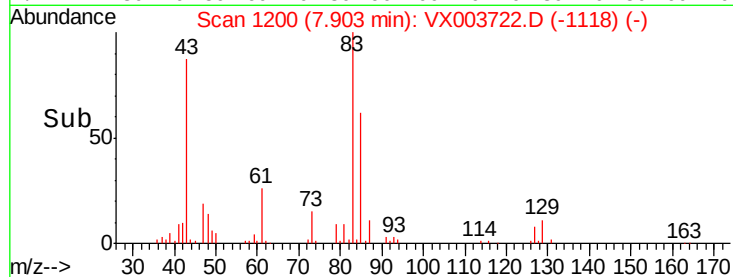
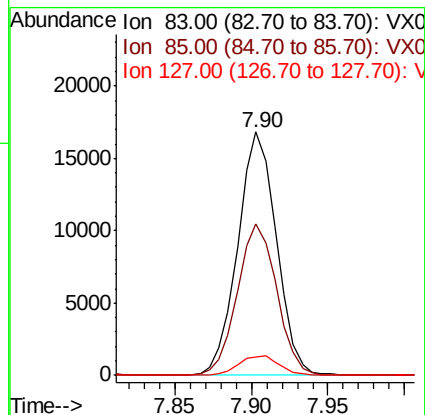
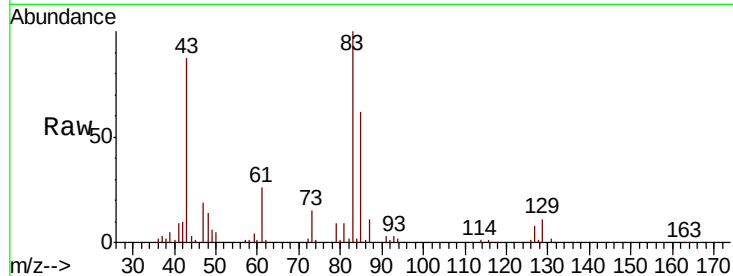
ClientSampleId :

VX0727WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 29569 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.0  | 49.8  | 74.8  |
| 127      | 7.8   | 7.3   | 10.9  |

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#42

Vinyl Acetate

Concen: 108.322 ug/l

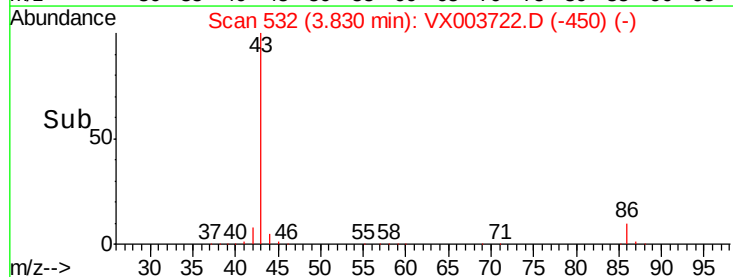
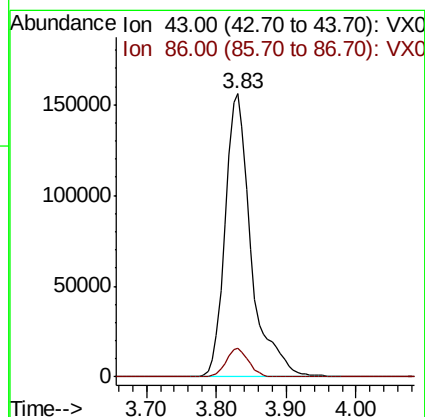
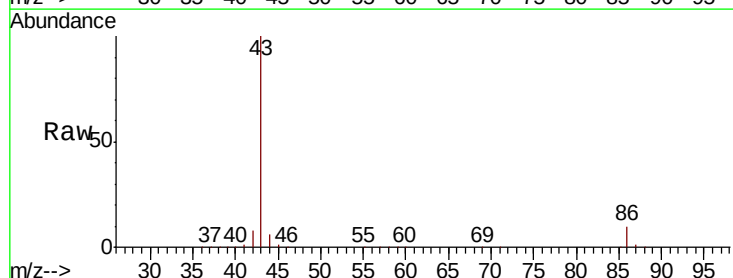
RT: 3.83 min Scan# 532

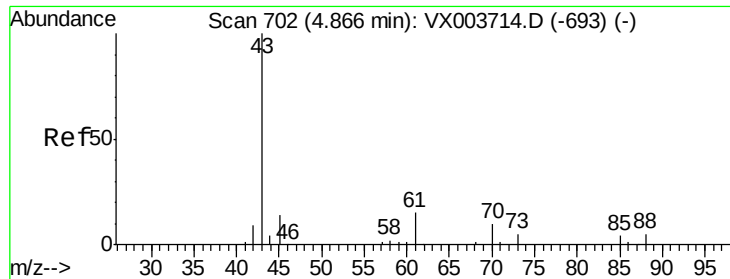
Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 402752 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 86       | 8.7   | 6.7   | 10.1   |





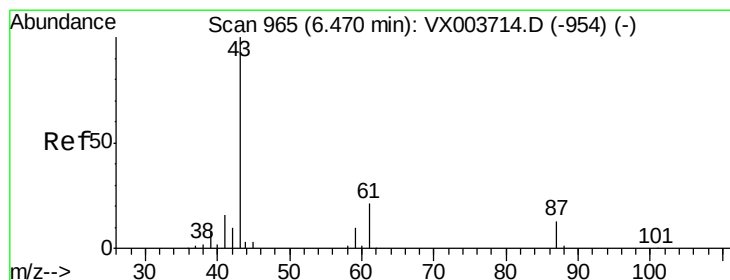
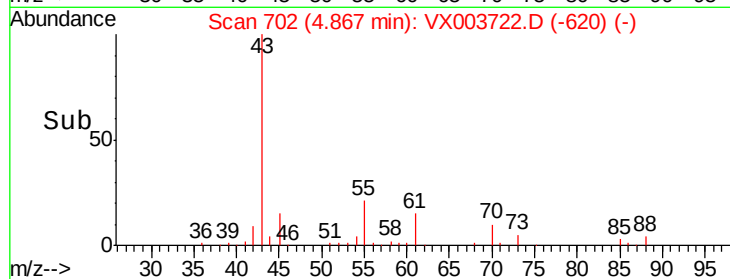
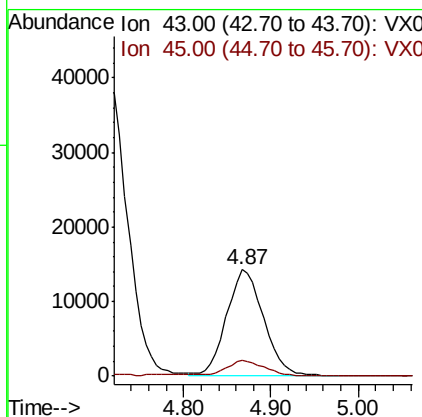
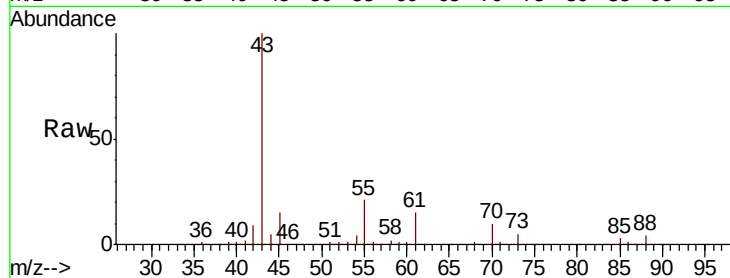
#43  
Ethyl Acetate  
Concen: 23.162 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

Tot Ion: 43 Resp: 41864  
Ion Ratio Lower Upper  
43 100  
45 15.2 11.0 16.4

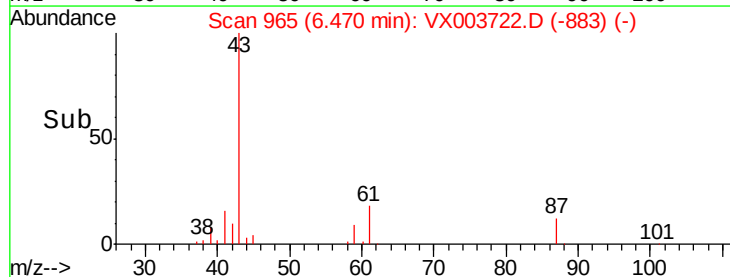
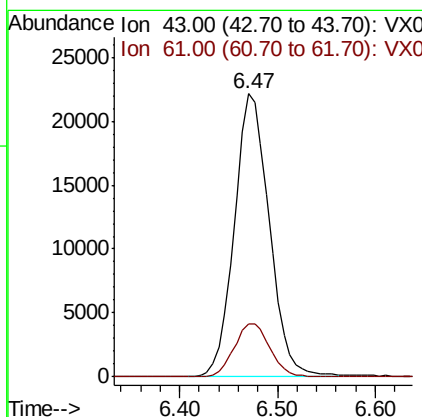
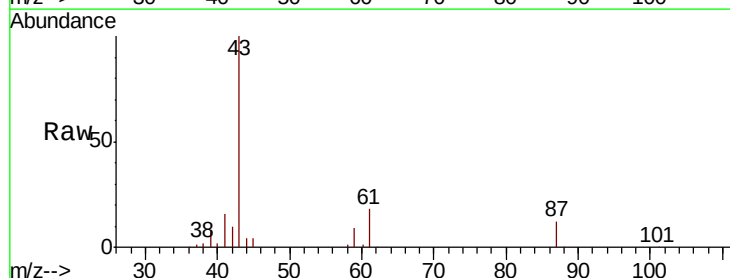
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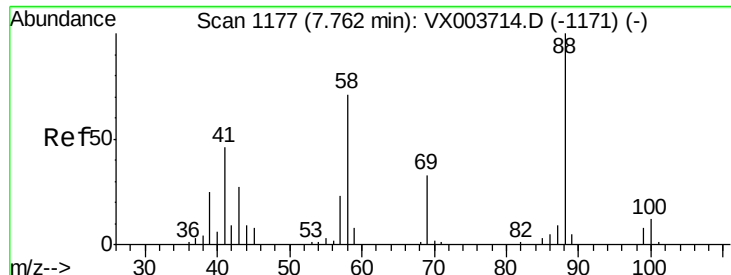
MMDadoda  
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#44  
Isopropyl Acetate  
Concen: 19.895 ug/l  
RT: 6.47 min Scan# 965  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Tgt Ion: 43 Resp: 55154  
Ion Ratio Lower Upper  
43 100  
61 19.2 14.5 21.7





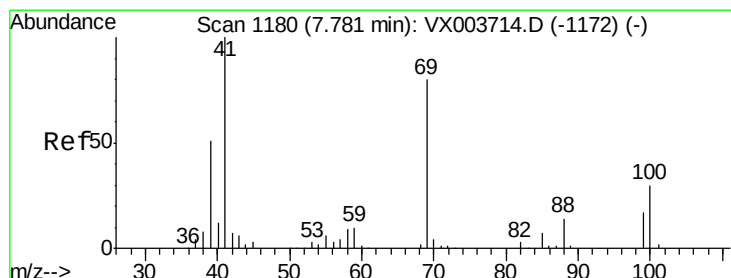
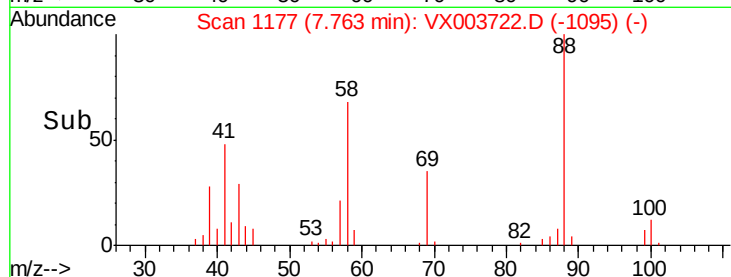
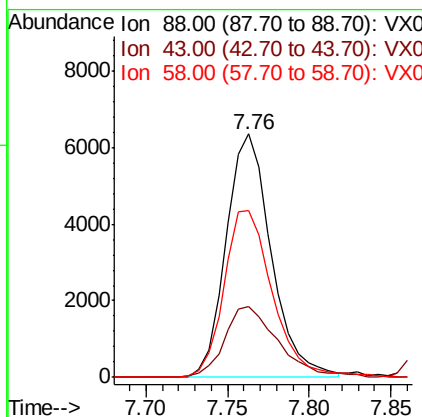
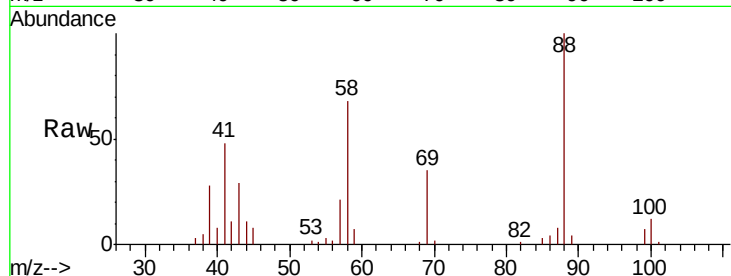
#45  
 1,4-Dioxane  
 Concen: 397.108 ug/l  
 RT: 7.76 min Scan# 1177  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.6  | 43.2  | 64.8# |
| 58      | 73.4  | 60.2  | 90.2  |

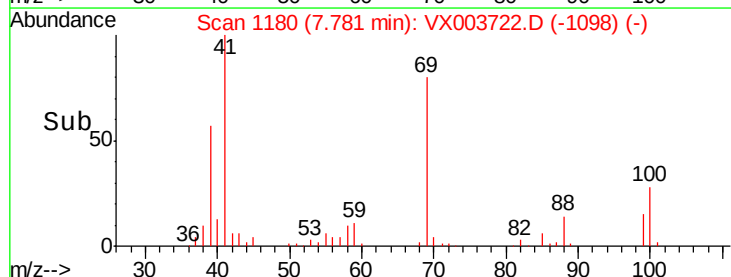
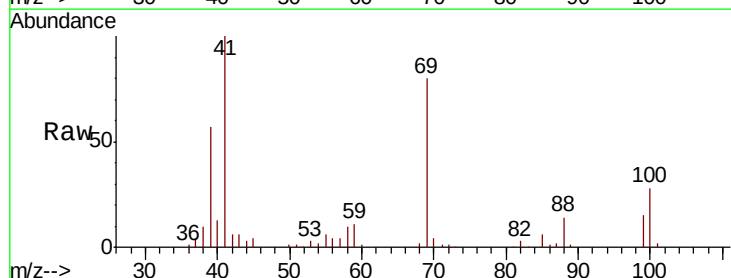
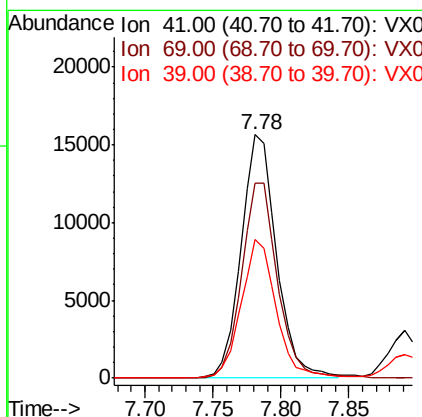
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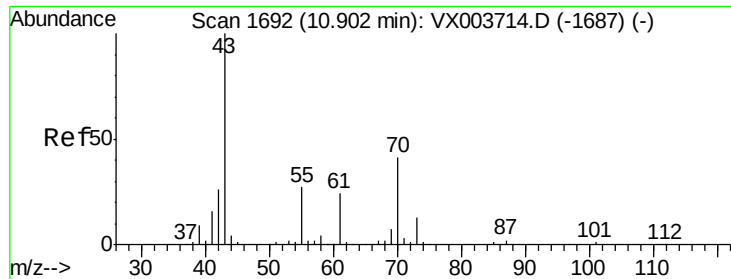
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 7/30/2018 3:42:33 PM



#46  
 Methyl methacrylate  
 Concen: 19.944 ug/l  
 RT: 7.78 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 79.8  | 37.0  | 110.9 |
| 39      | 56.8  | 29.6  | 88.9  |





#47

n-amvl Acetate

Concen: 20.016 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0727WBSD01

Tot Ion: 43 Resp: 52387

Ion Ratio Lower Upper

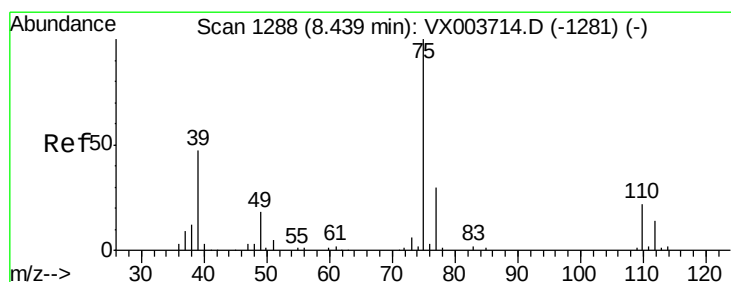
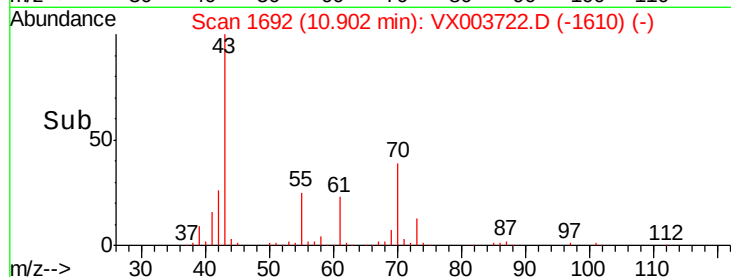
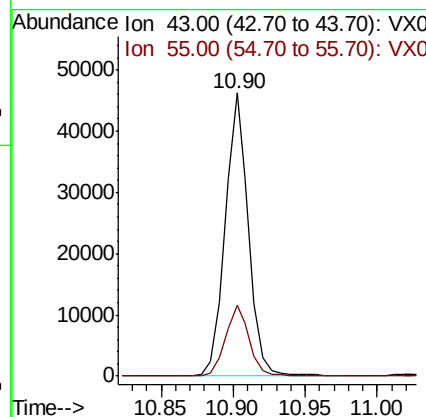
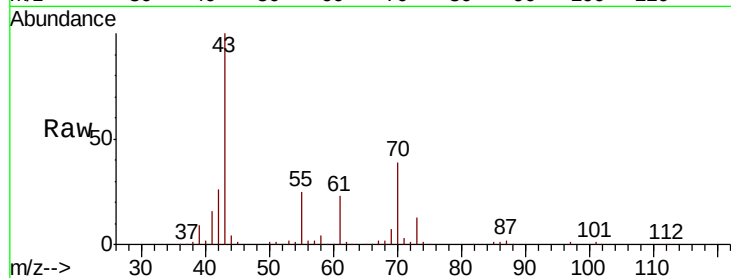
43 100

55 25.5 0.1 0.1#

Manual Integrations  
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#48

t-1,3-Dichloropropene

Concen: 19.036 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003722.D

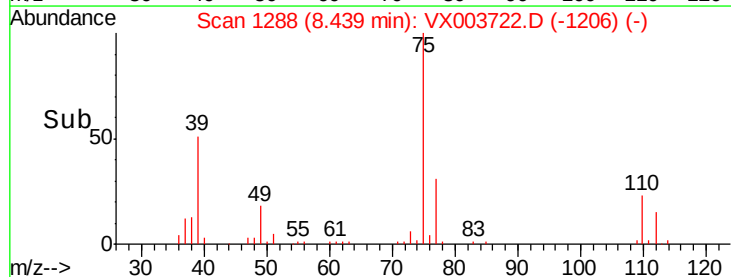
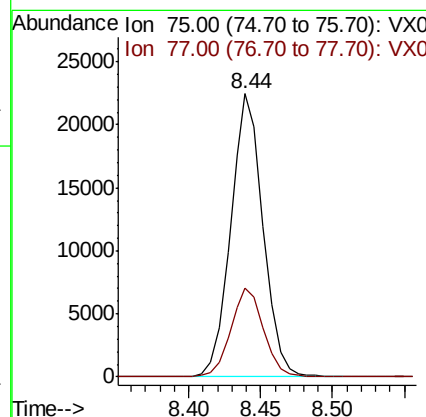
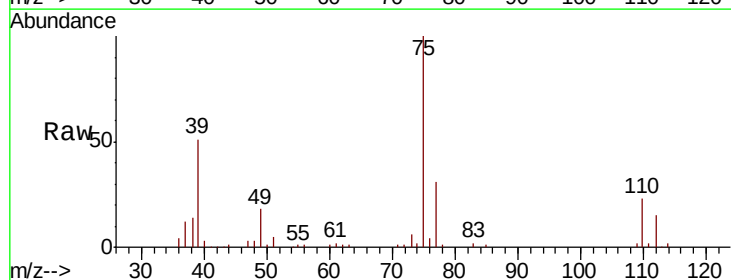
Acq: 27 Jul 2018 20:06

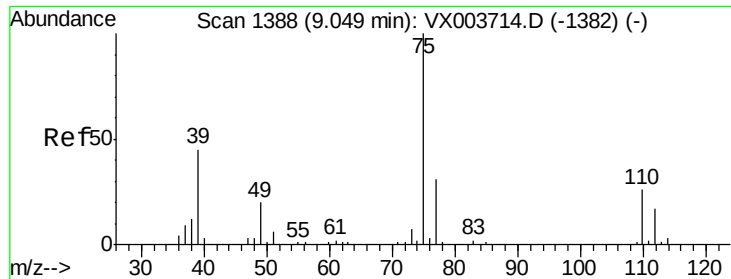
Tgt Ion: 75 Resp: 35135

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4





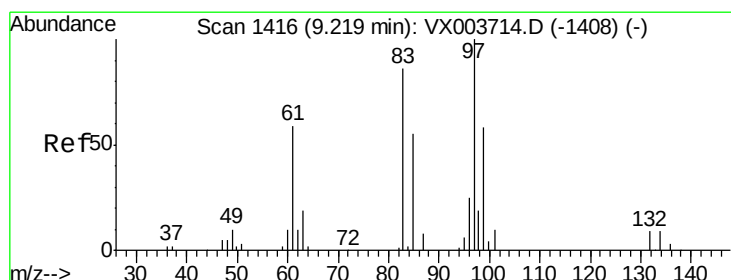
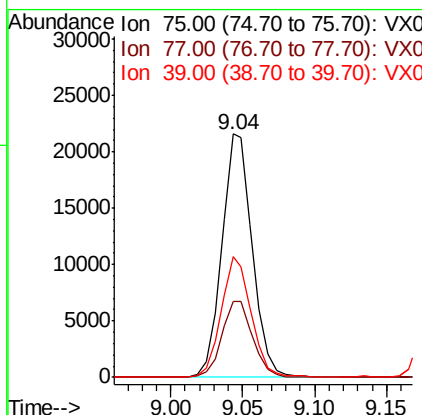
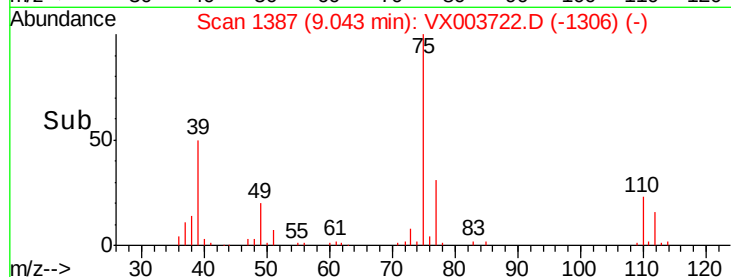
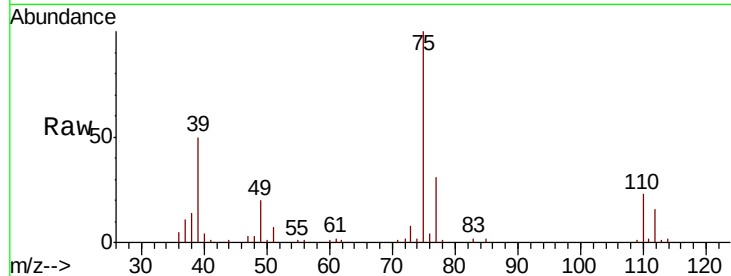
#49  
 cis-1,3-Dichloropropene  
 Concen: 18.400 ug/l  
 RT: 9.04 min Scan# 1387  
 Delta R.T. -0.01 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.4  | 25.4  | 38.2  |
| 39      | 49.6  | 42.3  | 63.5  |

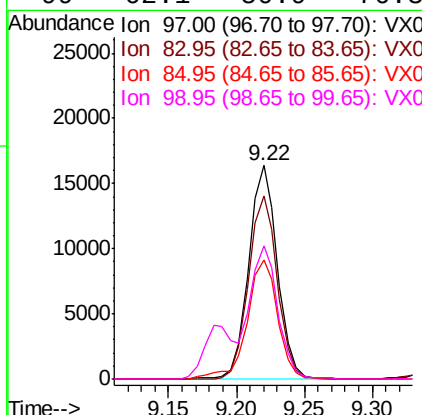
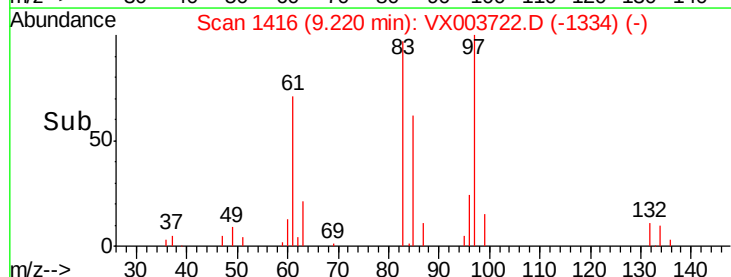
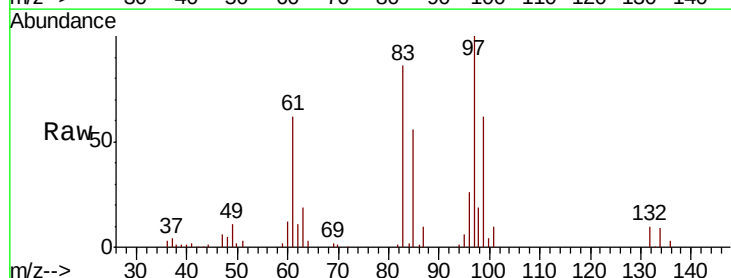
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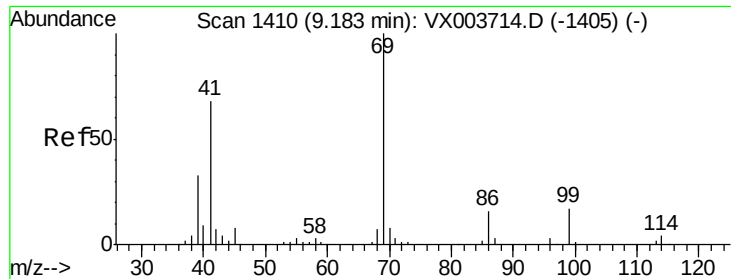
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#50  
 1,1,2-Trichloroethane  
 Concen: 19.113 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 85.9  | 70.8  | 106.2 |
| 85      | 55.8  | 43.5  | 65.3  |
| 99      | 62.1  | 50.9  | 76.3  |





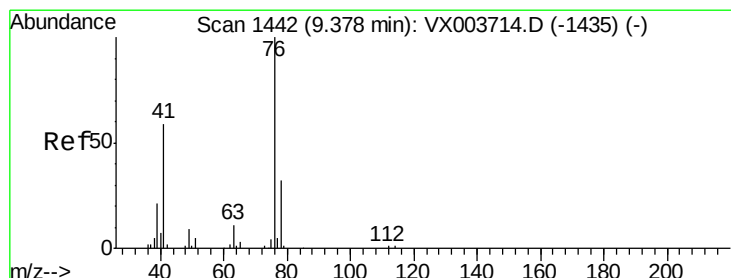
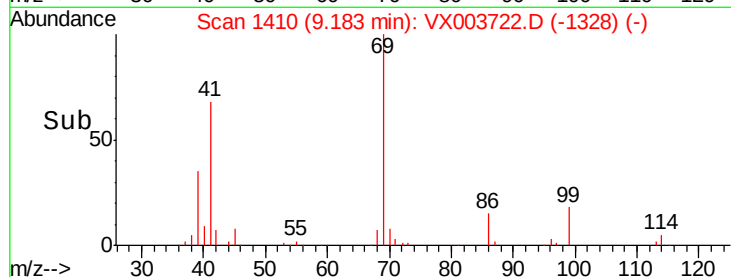
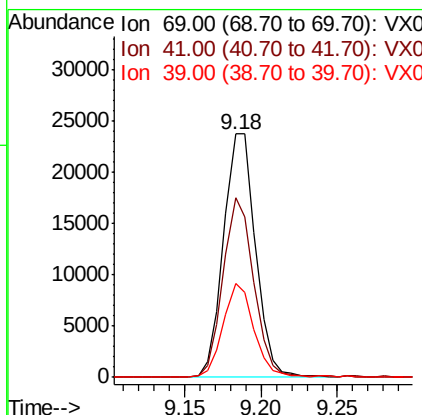
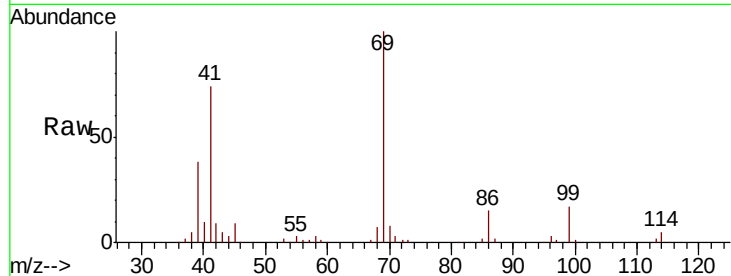
#51  
Ethyl methacrylate  
Concen: 18.219 ug/l  
RT: 9.18 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 73.4  | 39.1  | 117.3 |
| 39      | 38.2  | 21.7  | 65.1  |

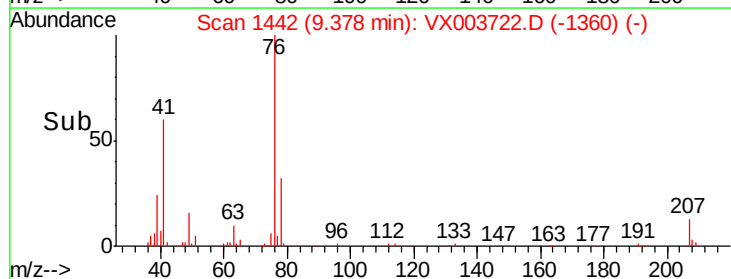
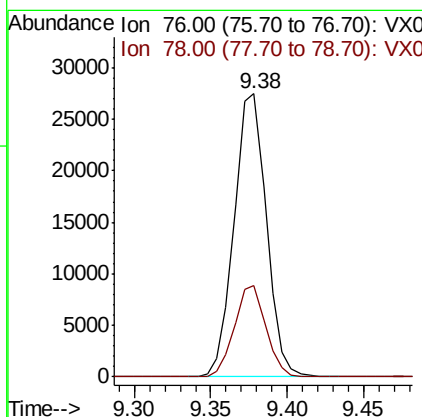
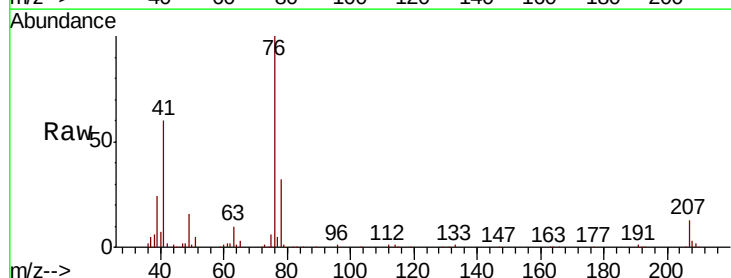
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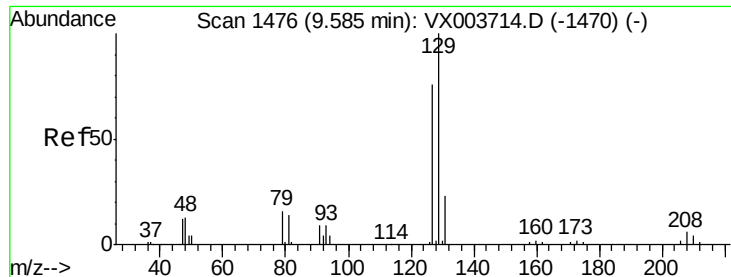
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#52  
1,3-Dichloropropane  
Concen: 19.186 ug/l  
RT: 9.38 min Scan# 1442  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.6  | 0.0   | 63.4  |





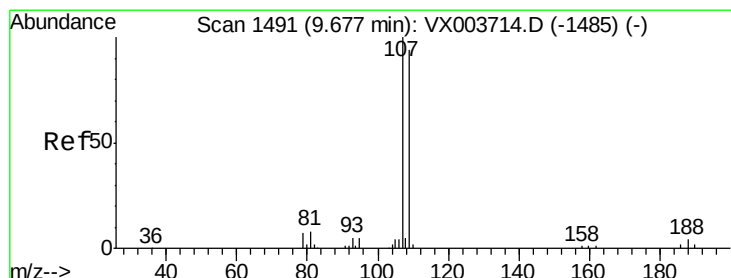
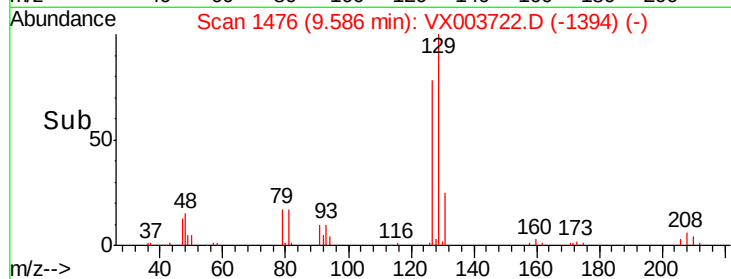
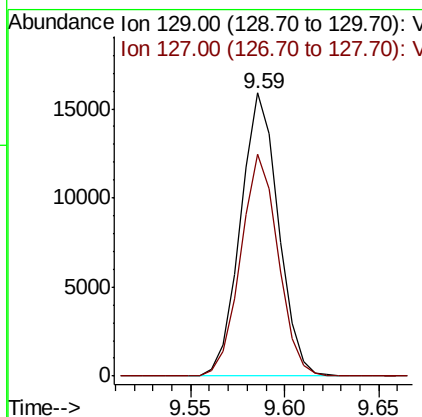
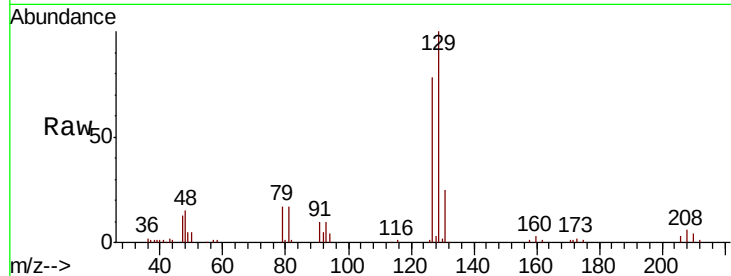
#53  
 Dibromochloromethane  
 Concen: 17.877 ug/l  
 RT: 9.59 min Scan# 1476  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

Tot Ion:129 Resp: 22192  
 Ion Ratio Lower Upper  
 129 100  
 127 77.4 38.5 115.3

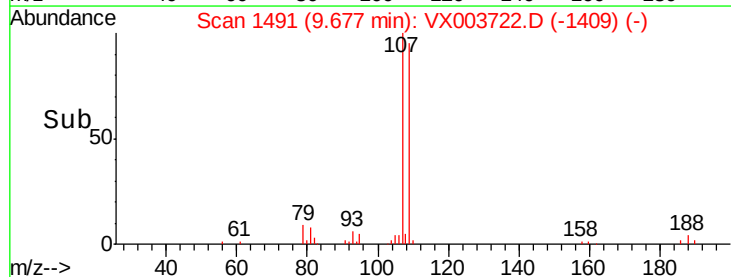
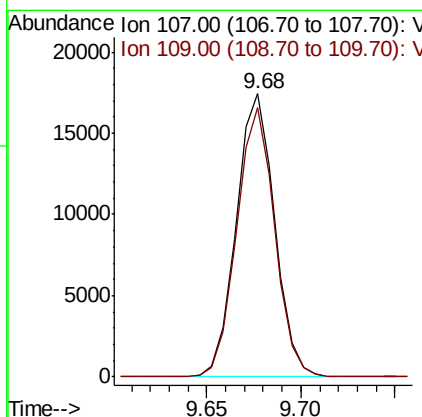
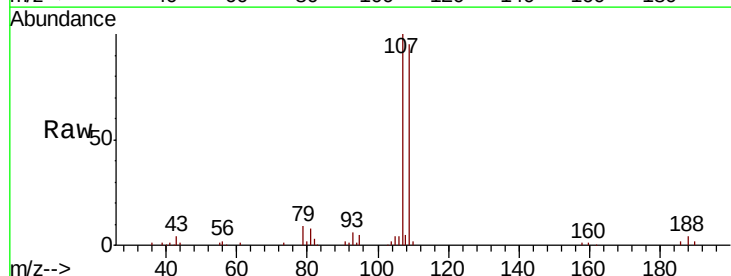
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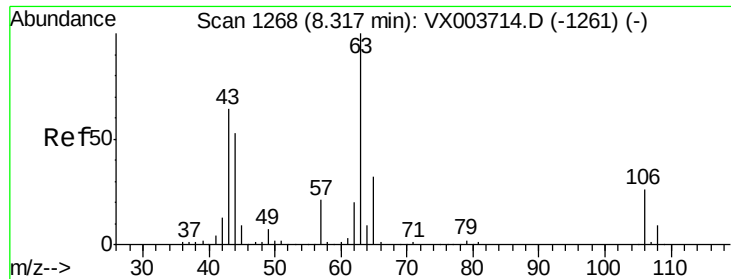


#54  
 1,2-Dibromoethane  
 Concen: 18.592 ug/l  
 RT: 9.68 min Scan# 1491  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Tgt Ion:107 Resp: 24572  
 Ion Ratio Lower Upper  
 107 100  
 109 94.1 75.5 113.3







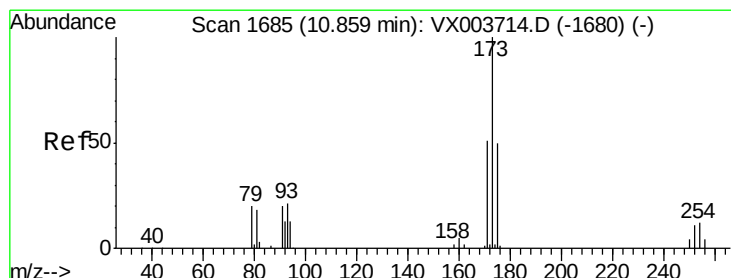
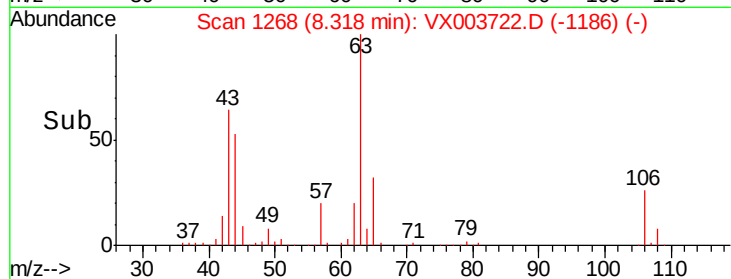
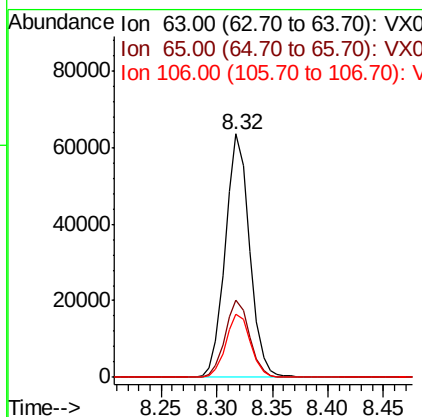
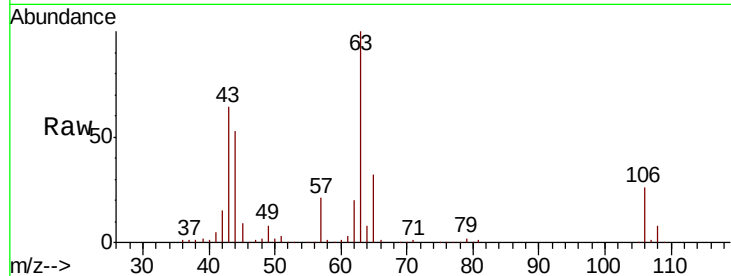
#55  
 2-Chloroethyl vinyl ether  
 Concen: 98.029 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.8  | 25.6  | 38.4  |
| 106     | 26.5  | 21.6  | 32.4  |

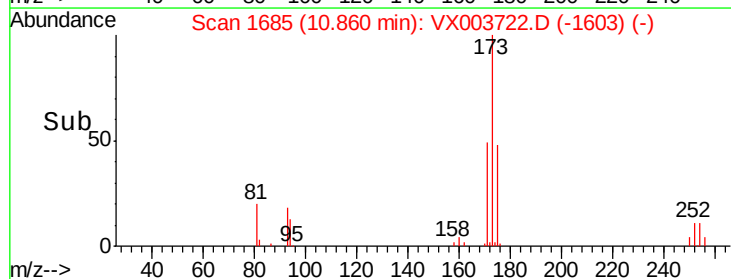
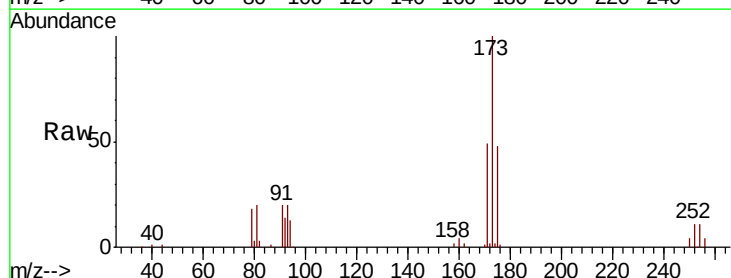
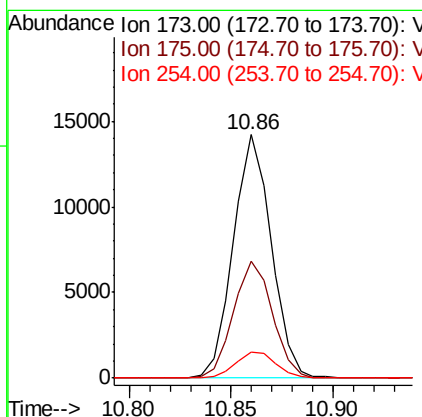
Manual Integrations  
 APPROVED

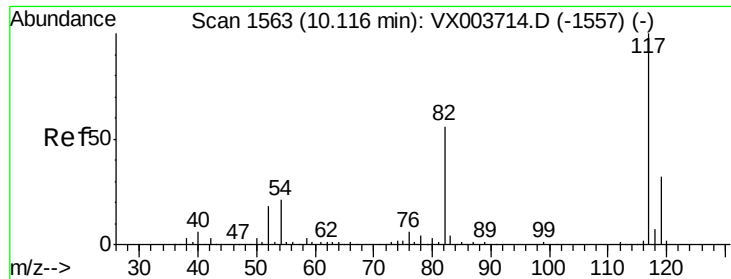
MMDadoda  
 7/30/2018 3:42:33 PM



#56  
 Bromoform  
 Concen: 19.088 ug/l  
 RT: 10.86 min Scan# 1685  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.1  | 39.0  | 58.4  |
| 254     | 11.5  | 9.6   | 14.4  |





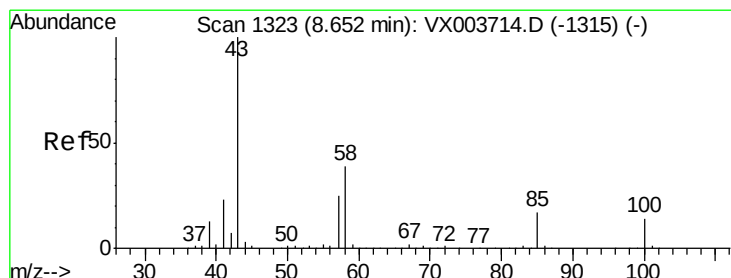
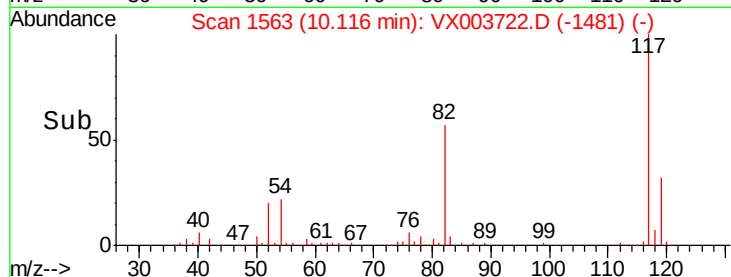
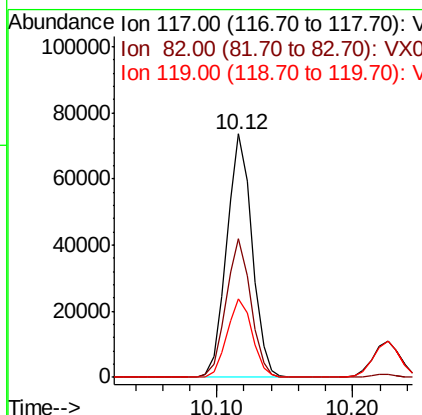
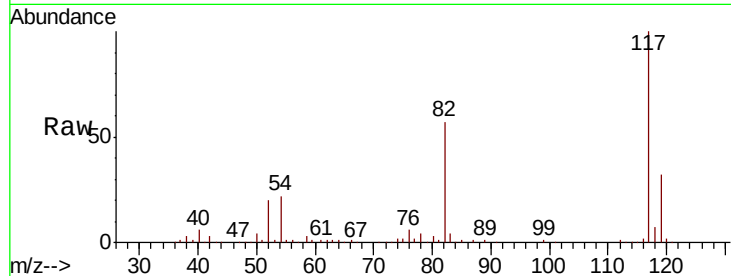
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.8  | 44.3  | 66.5  |
| 119     | 32.1  | 25.7  | 38.5  |

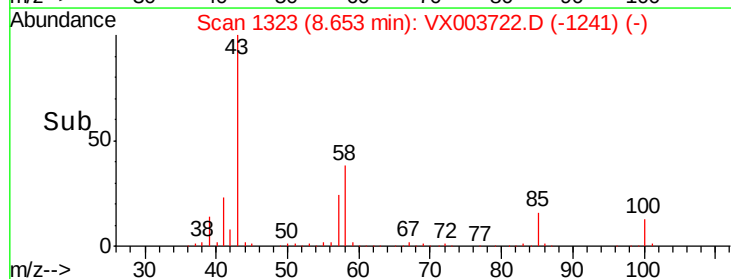
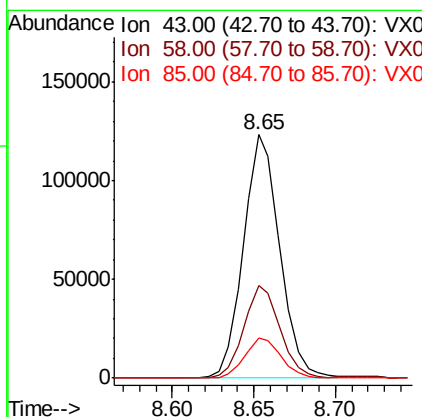
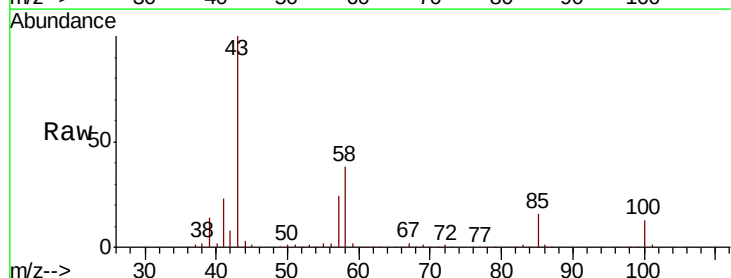
Manual Integrations  
APPROVED

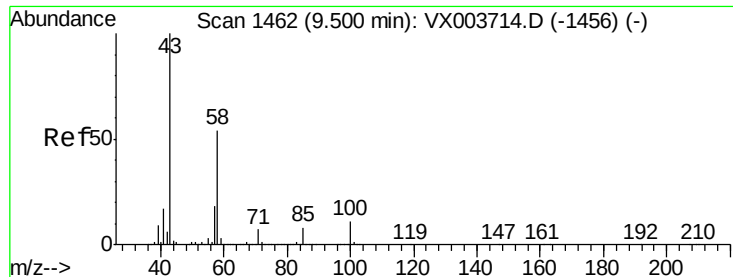
MMDadoda  
7/30/2018 3:42:33 PM



#58  
4-Methyl-2-Pentanone  
Concen: 106.142 ug/l  
RT: 8.65 min Scan# 1323  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 37.8  | 28.2  | 42.4  |
| 85      | 16.6  | 12.4  | 18.6  |





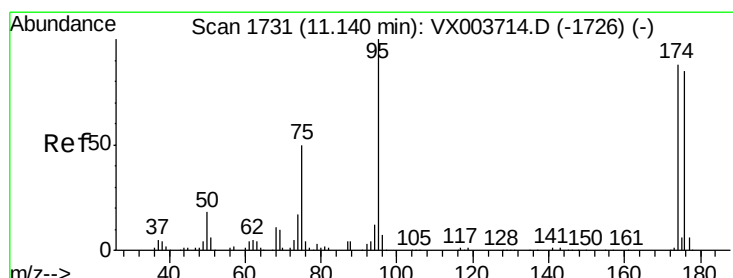
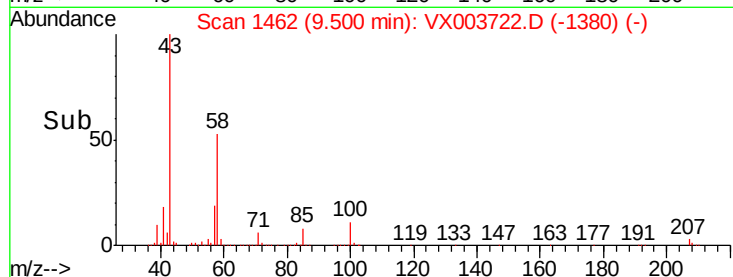
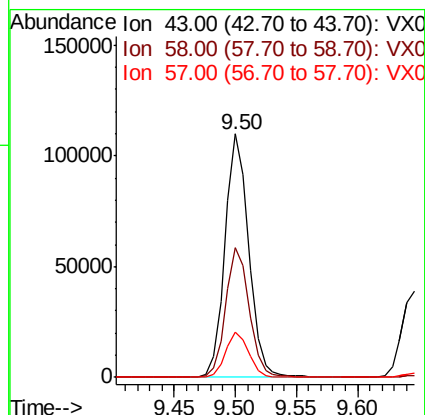
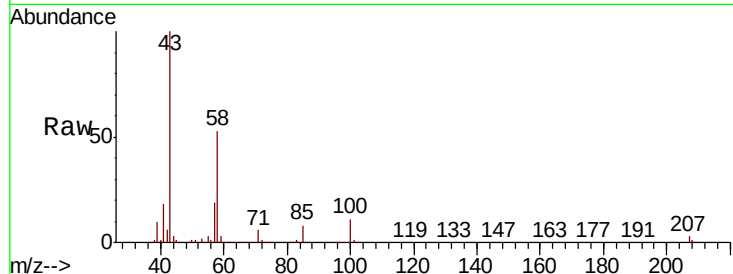
#59  
2-Hexanone  
Concen: 103.437 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 52.8  | 39.6  | 59.4  |
| 57      | 18.2  | 14.1  | 21.1  |

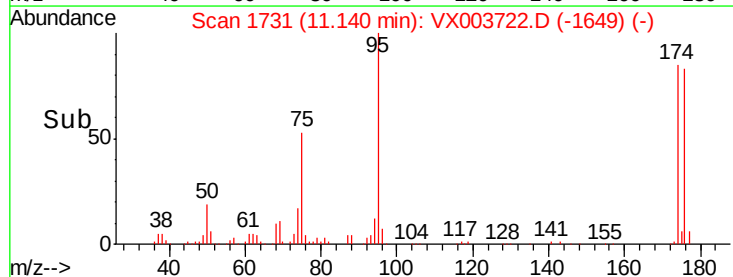
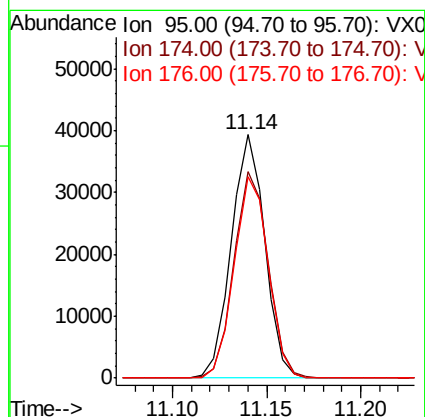
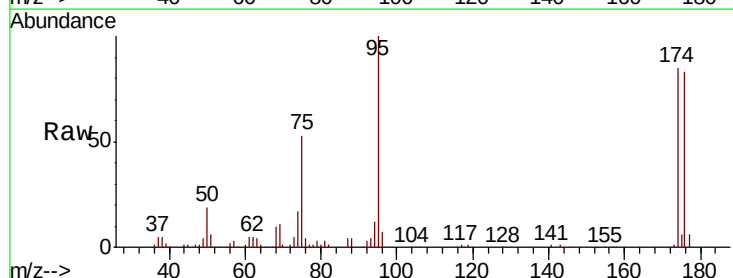
Manual Integrations  
APPROVED

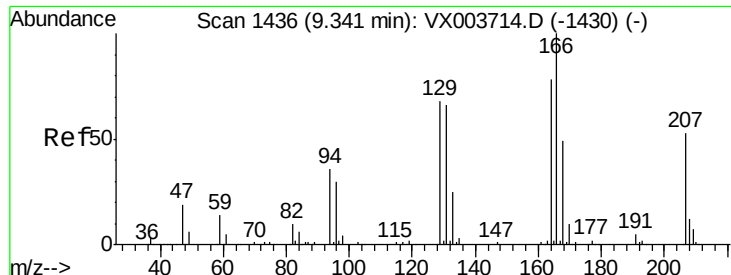
MMDadoda  
7/30/2018 3:42:33 PM



#60  
4-Bromofluorobenzene  
Concen: 31.663 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 86.5  | 71.8  | 107.6 |
| 176     | 84.0  | 70.1  | 105.1 |





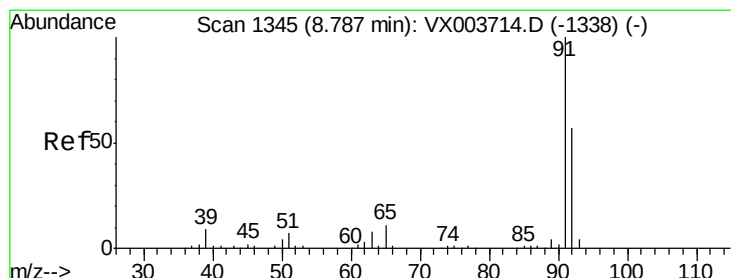
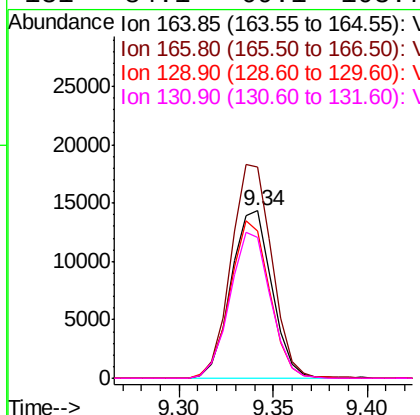
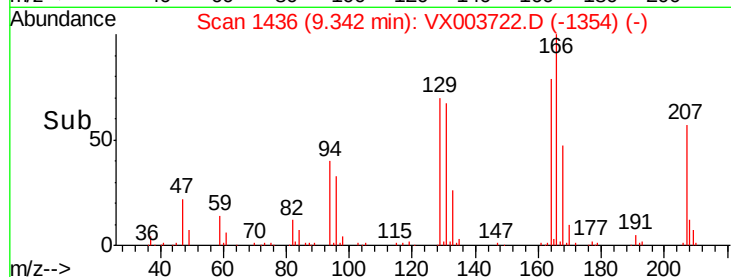
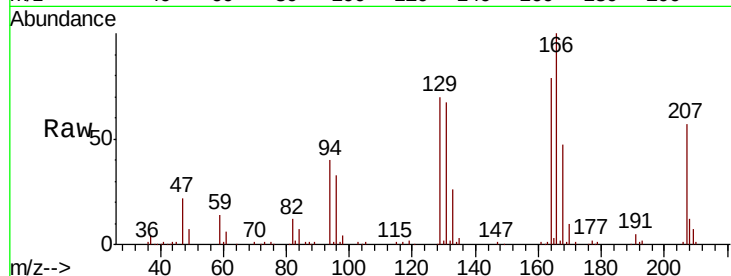
#61  
 Tetrachloroethene  
 Concen: 19.399 ug/l  
 RT: 9.34 min Scan# 1436  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 164   | Resp: | 21495 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 126.1 | 102.4 | 153.6 |
| 129      | 88.1  | 70.1  | 105.1 |
| 131      | 84.1  | 69.1  | 103.7 |

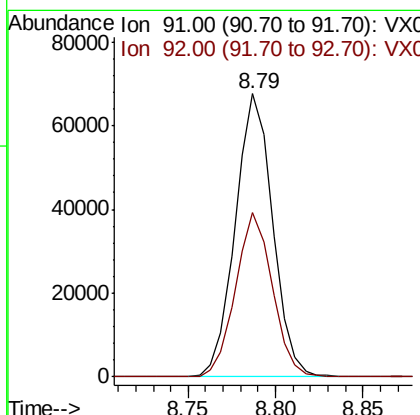
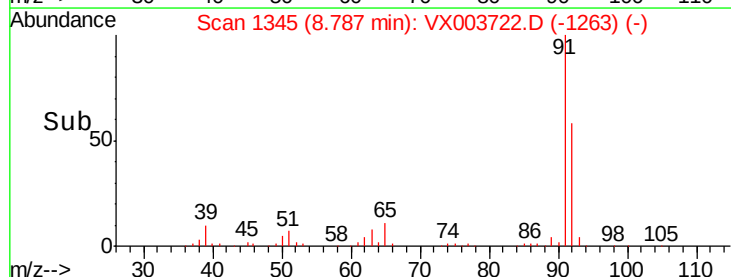
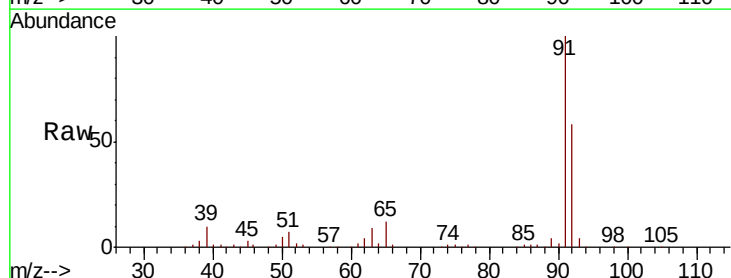
Manual Integrations  
 APPROVED

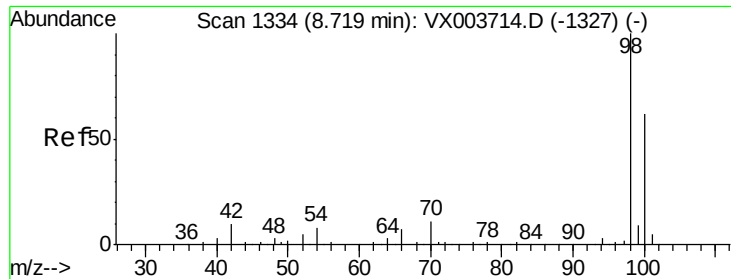
MMDadoda  
 7/30/2018 3:42:33 PM



#62  
 Toluene  
 Concen: 20.409 ug/l  
 RT: 8.79 min Scan# 1345  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 100858 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 57.2  | 46.5  | 69.7   |





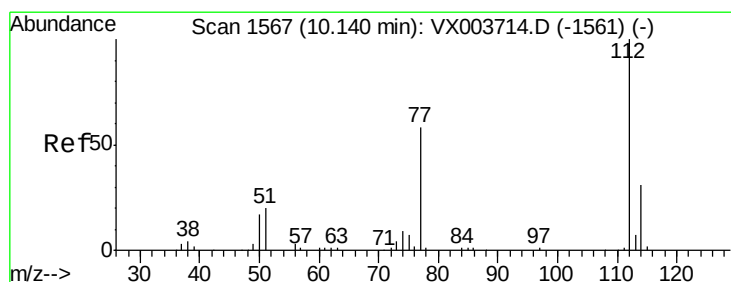
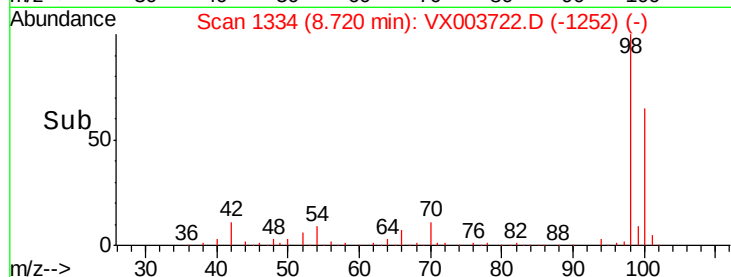
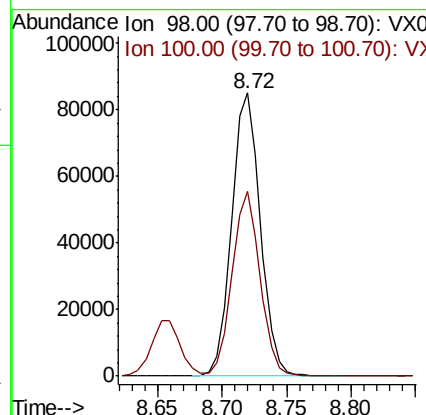
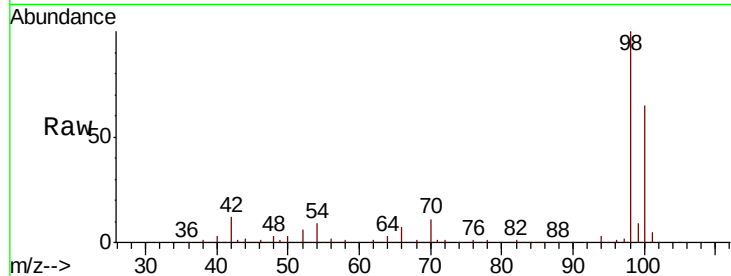
#63  
Toluene-d8  
Concen: 30.836 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

Tot Ion: 98 Resp: 132265  
Ion Ratio Lower Upper  
98 100  
100 63.6 50.8 76.2

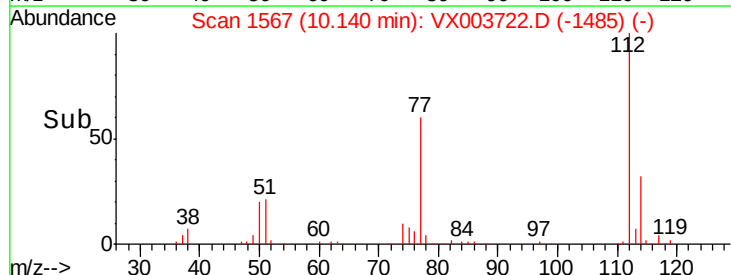
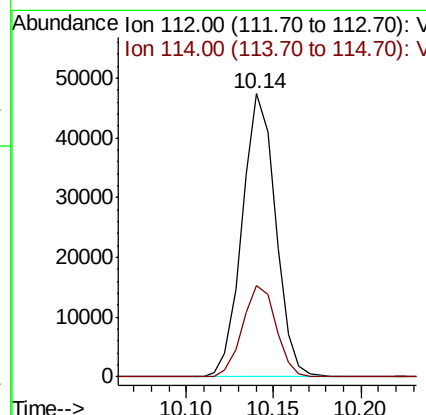
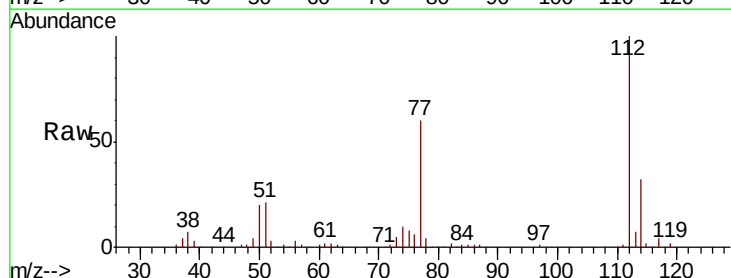
Manual Integrations  
APPROVED

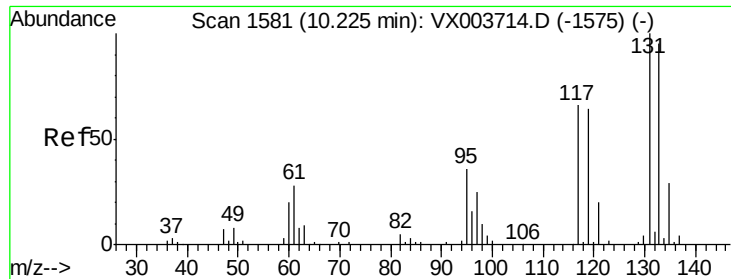
MMDadoda  
7/30/2018 3:42:33 PM



#64  
Chlorobenzene  
Concen: 19.838 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Tgt Ion: 112 Resp: 63354  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 20.055 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

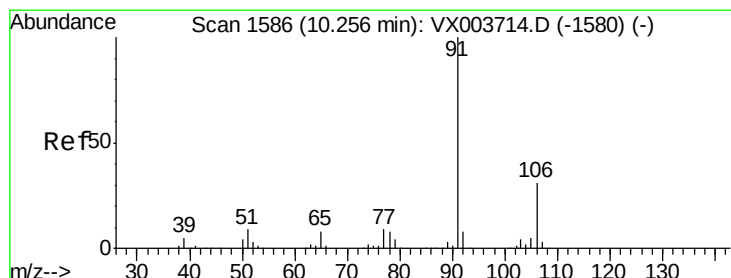
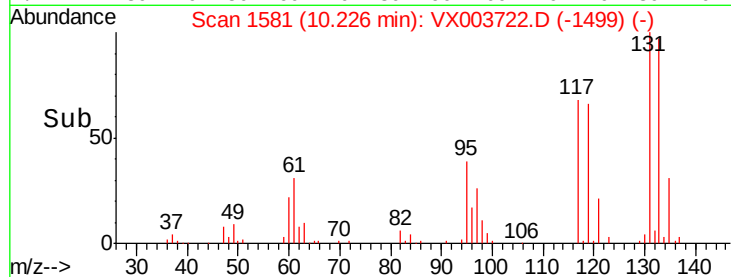
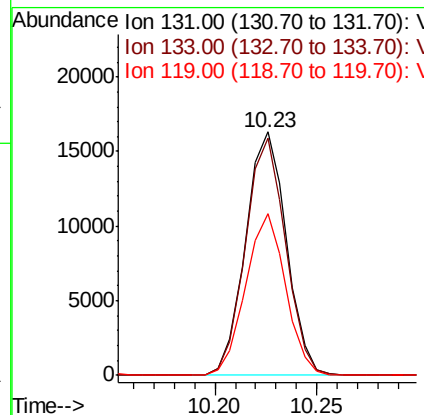
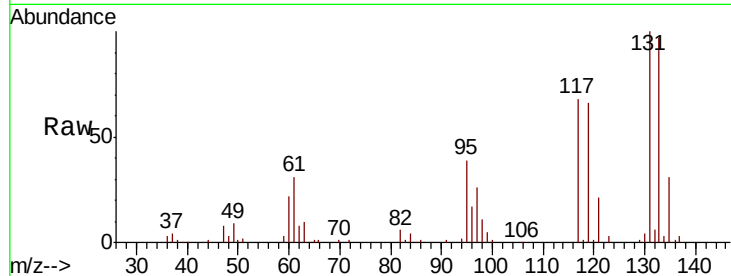
ClientSampleId :

VX0727WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 131   | Resp: | 22663 |
| Ion Ratio | Lower | Upper |       |
| 131       | 100   |       |       |
| 133       | 95.8  | 0.0   | 191.2 |
| 119       | 65.1  | 0.0   | 125.4 |

Manual Integrations  
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7/30/2018 3:42:33 PM



#66

Ethyl Benzene

Concen: 19.565 ug/l

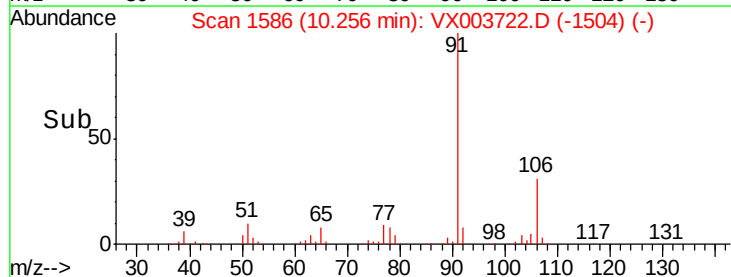
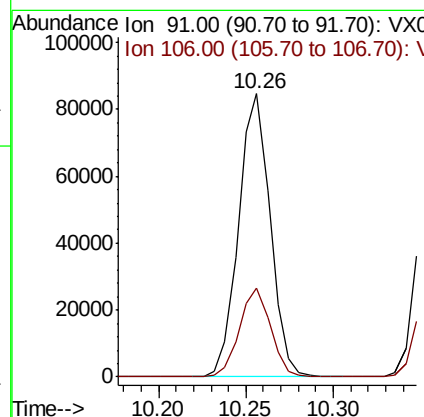
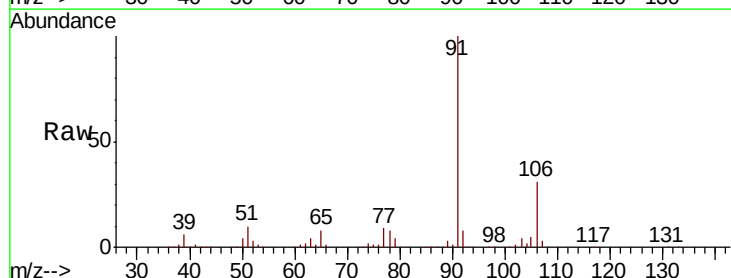
RT: 10.26 min Scan# 1586

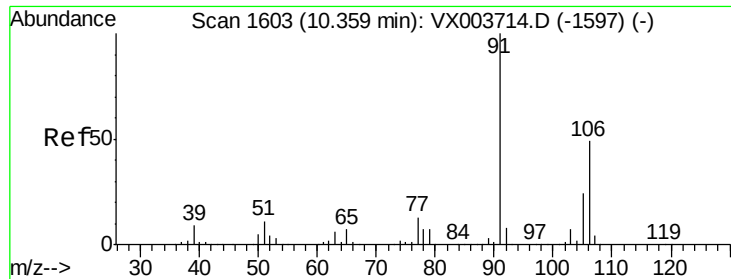
Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 106396 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 106       | 31.4  | 25.2  | 37.8   |





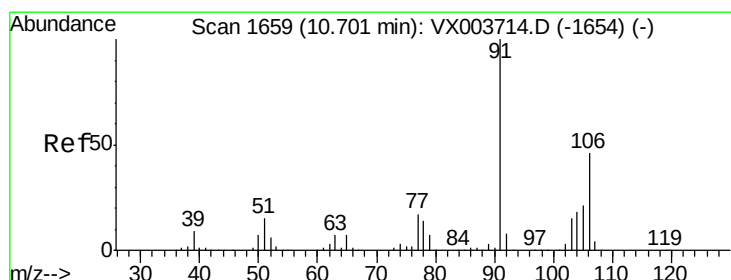
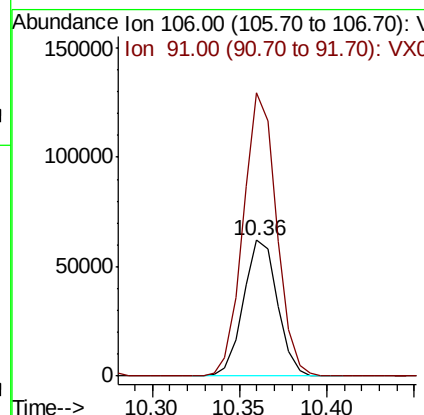
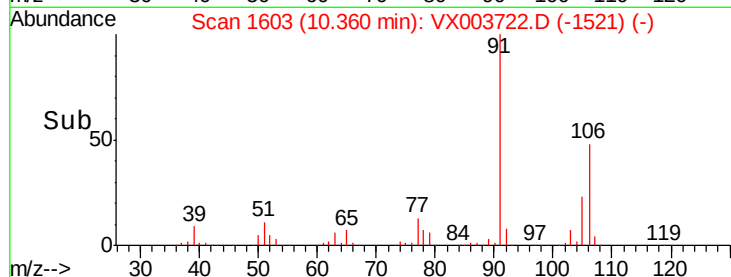
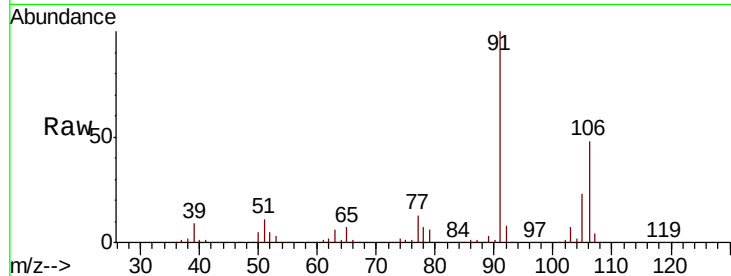
#67  
m/p-Xylenes  
Concen: 40.100 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

Tot Ion:106 Resp: 83995  
Ion Ratio Lower Upper  
106 100  
91 204.1 164.1 246.1

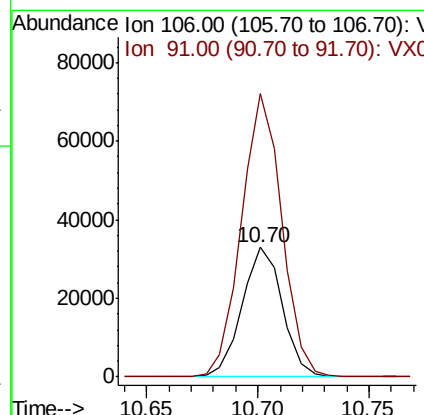
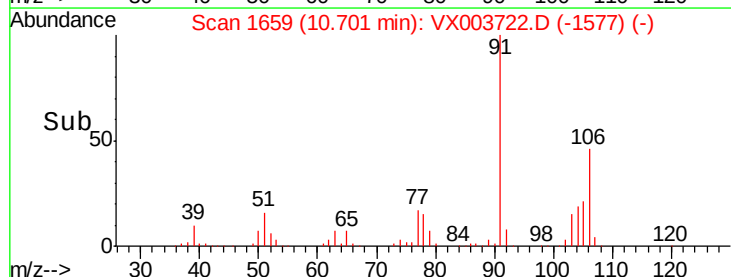
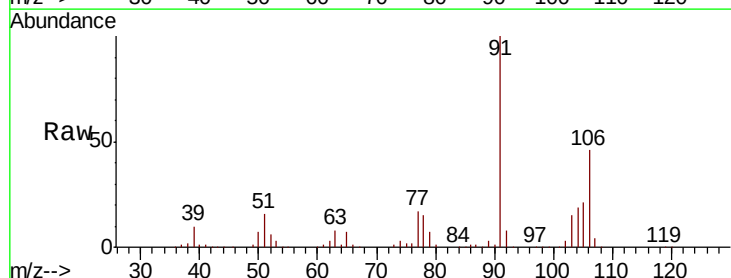
Manual Integrations  
APPROVED

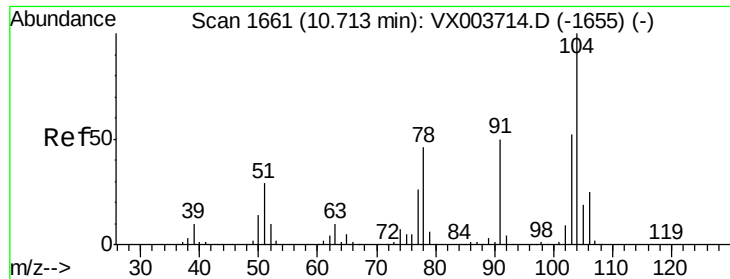
MMDadoda  
7/30/2018 3:42:33 PM



#68  
o-Xylene  
Concen: 20.852 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Tgt Ion:106 Resp: 41785  
Ion Ratio Lower Upper  
106 100  
91 218.2 109.1 327.3





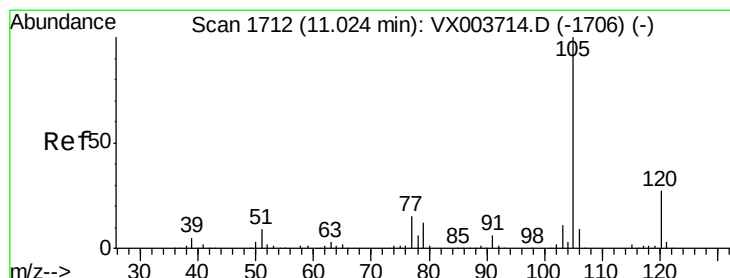
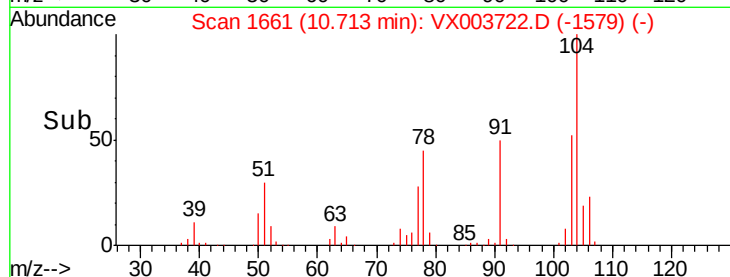
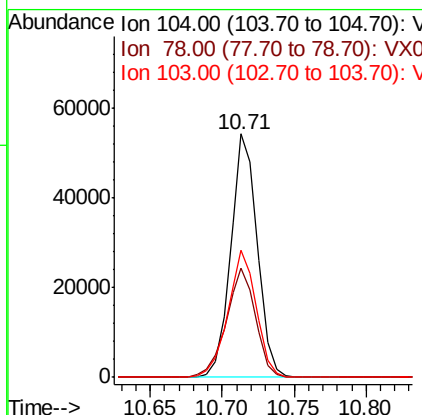
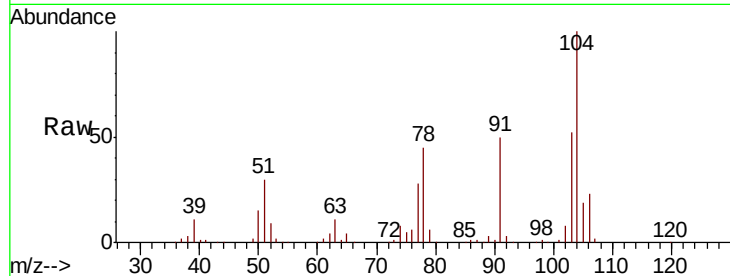
#69  
Stvrene  
Concen: 20.679 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 49.4  | 41.8  | 62.8  |
| 103     | 55.5  | 44.9  | 67.3  |

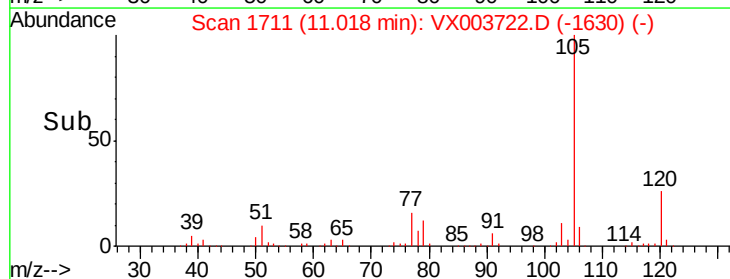
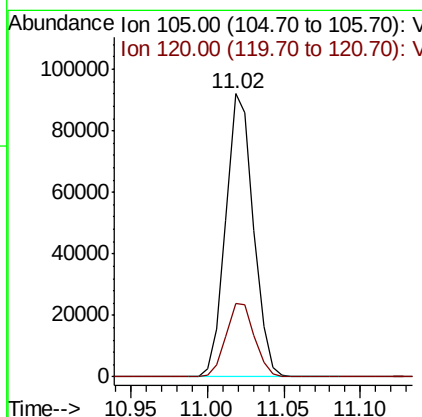
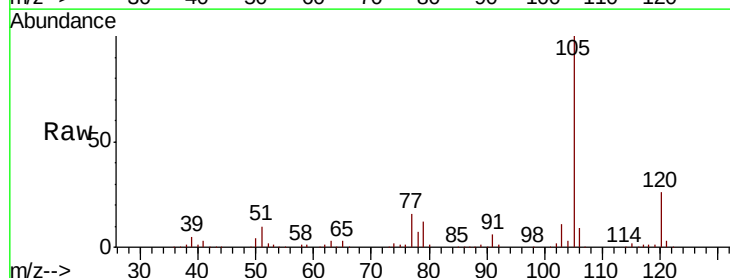
Manual Integrations  
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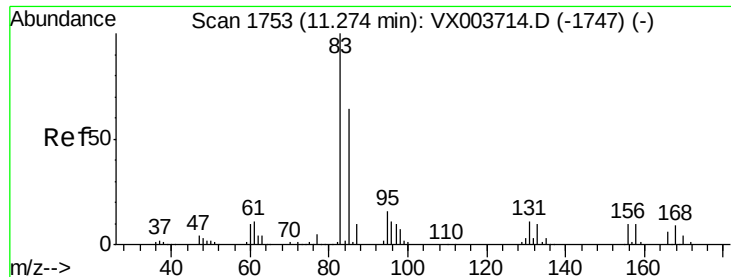


#70  
Isopropylbenzene  
Concen: 20.963 ug/l  
RT: 11.02 min Scan# 1711  
Delta R.T. -0.01 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.6  | 19.0  | 35.2  |







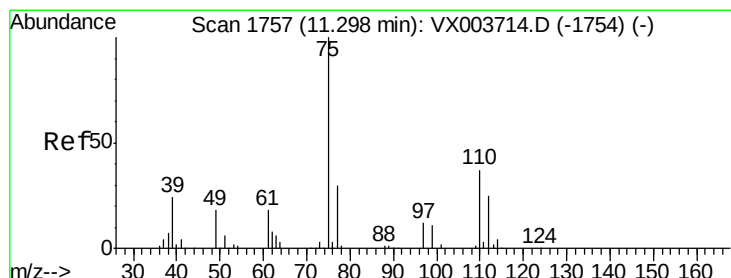
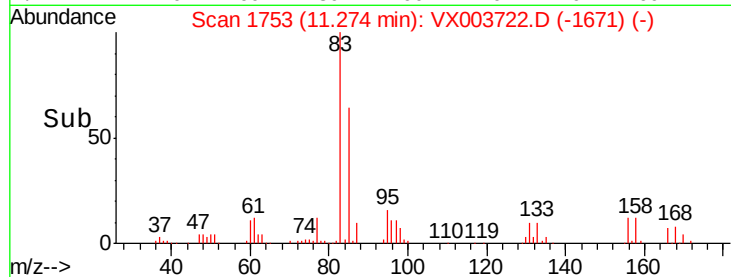
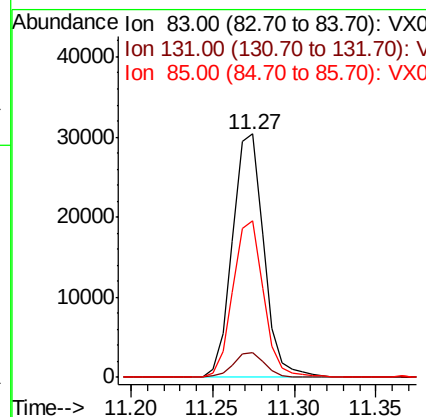
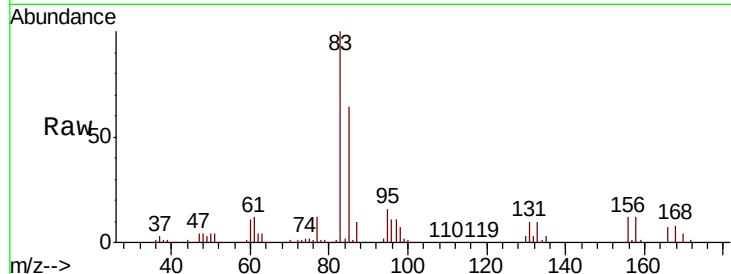
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.656 ug/l  
 RT: 11.27 min Scan# 1753  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

| Tot Ion   | 83   | Resp  | 40682 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 131       | 10.1 | 5.4   | 16.2  |
| 85        | 63.3 | 32.4  | 97.2  |

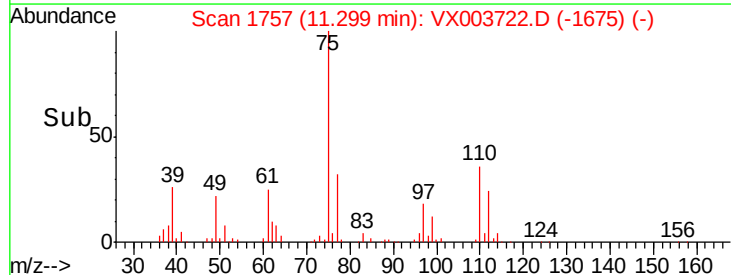
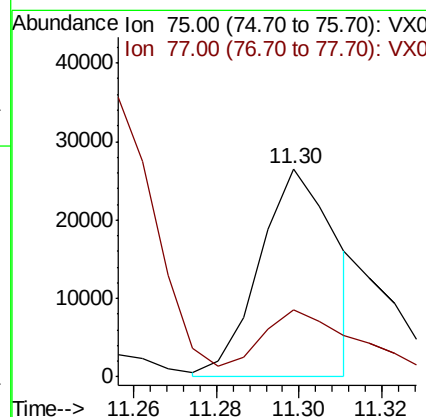
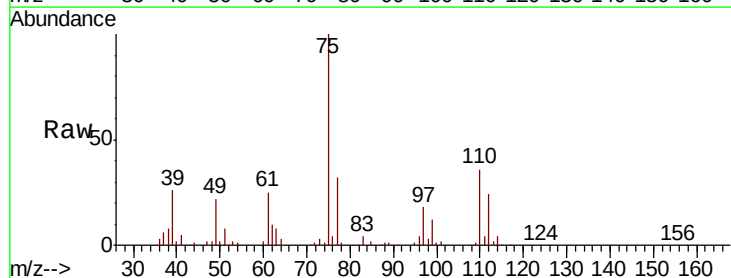
Manual Integrations  
 APPROVED

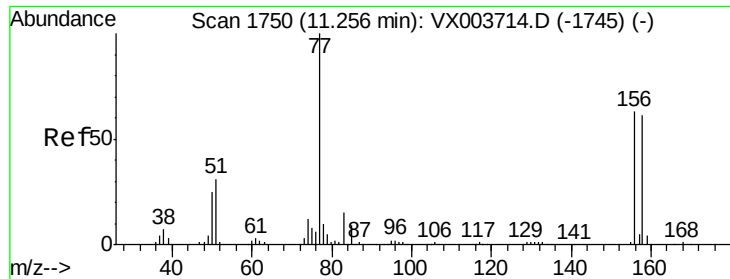
MMDadoda  
 7/30/2018 3:42:33 PM



#72  
 1,2,3-Trichloropropane  
 Concen: 20.758 ug/l m  
 RT: 11.30 min Scan# 1757  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

| Tgt Ion   | 75   | Resp  | 34010 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 75        | 100  |       |       |
| 77        | 41.6 | 0.0   | 71.8  |





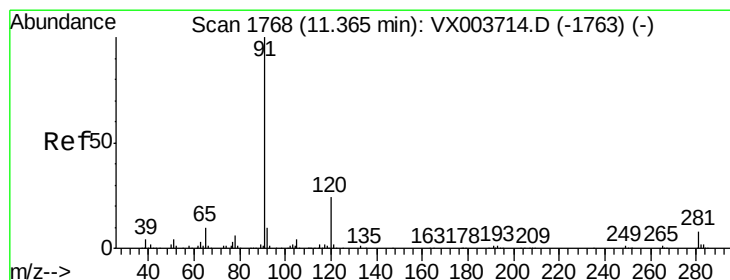
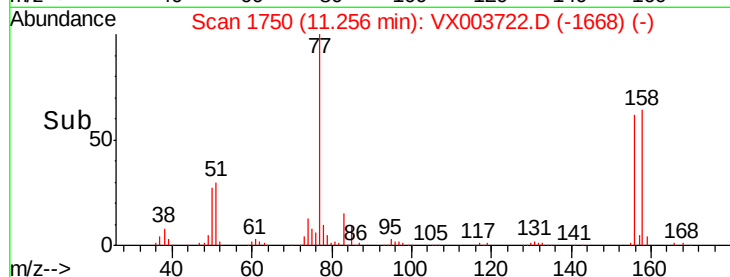
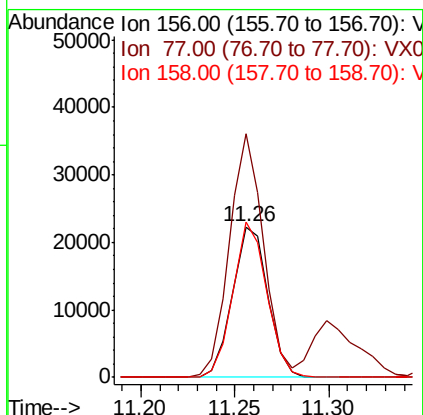
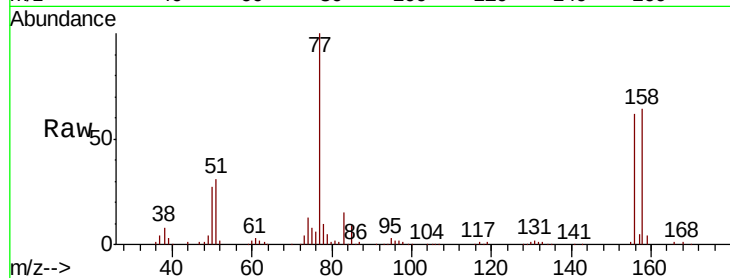
#73  
Bromobenzene  
Concen: 19.510 ug/l  
RT: 11.26 min Scan# 1750  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 156     | 100   |       | 29008 |       |       |
| 77      | 155.2 | 0.0   | 301.0 |       |       |
| 158     | 99.5  | 0.0   | 196.2 |       |       |

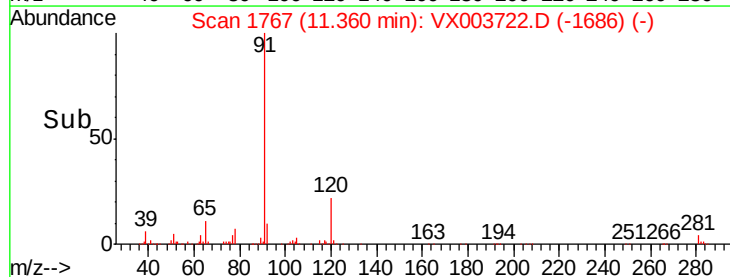
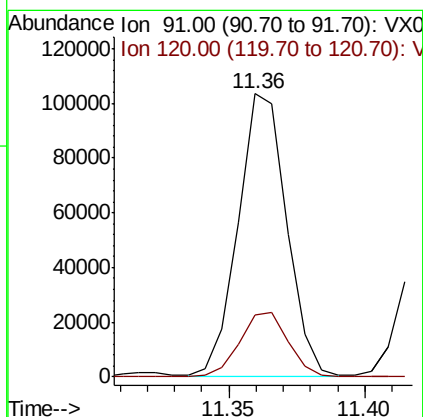
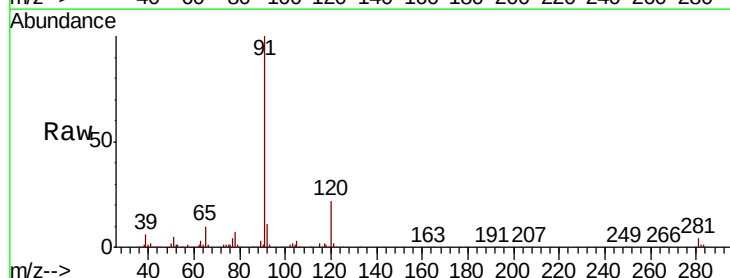
Manual Integrations  
APPROVED

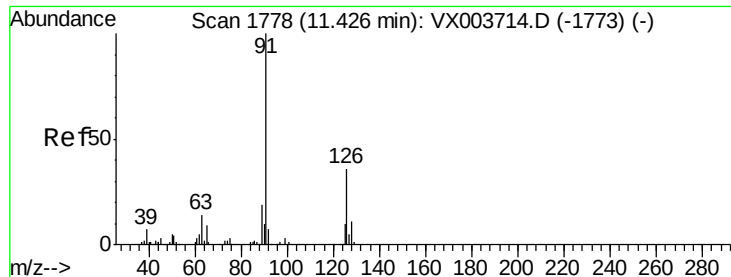
MMDadoda  
7/30/2018 3:42:33 PM



#74  
n-propylbenzene  
Concen: 19.727 ug/l  
RT: 11.36 min Scan# 1767  
Delta R.T. -0.01 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 91      | 100  |       | 128193 |       |       |
| 120     | 22.6 | 0.0   | 46.2   |       |       |





#75

2-Chlorotoluene

Concen: 19.909 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0727WBSD01

Tot Ion: 91 Resp: 76254

Ion Ratio Lower Upper

91 100

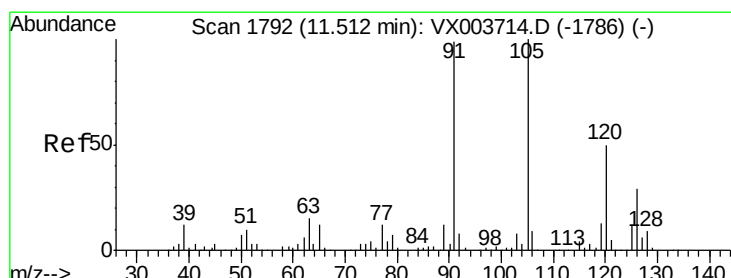
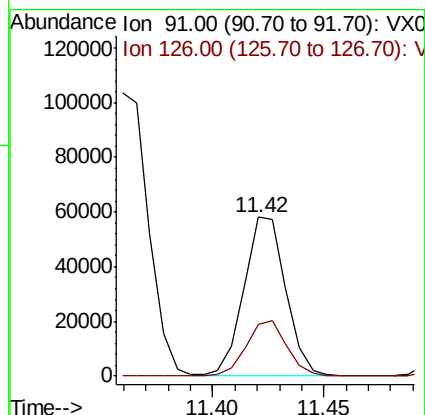
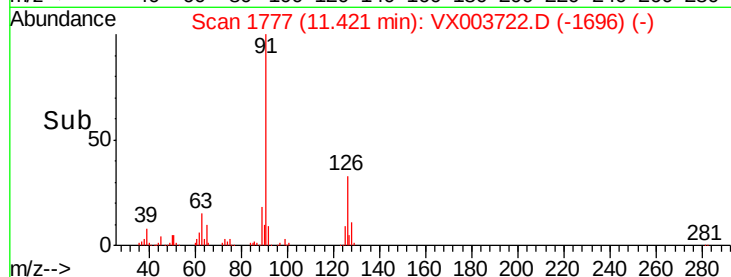
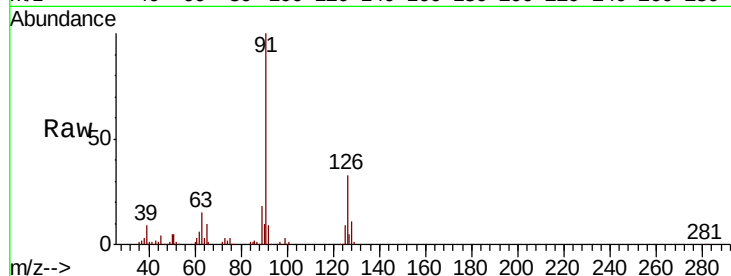
126 33.9 0.0 69.4

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 19.642 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003722.D

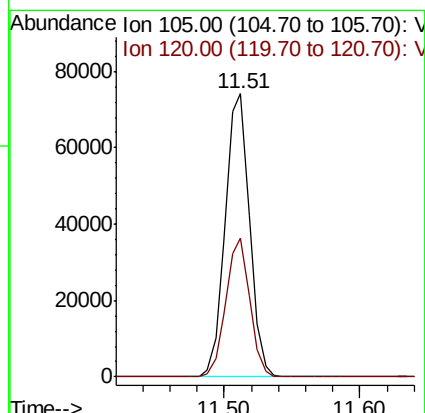
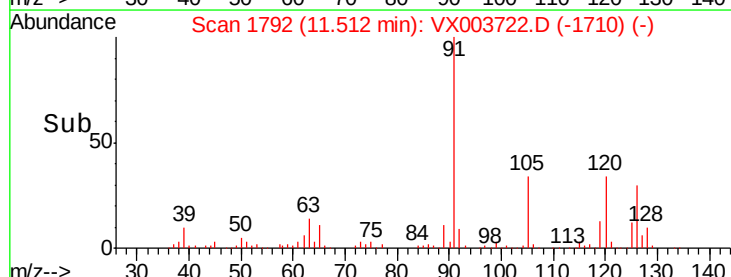
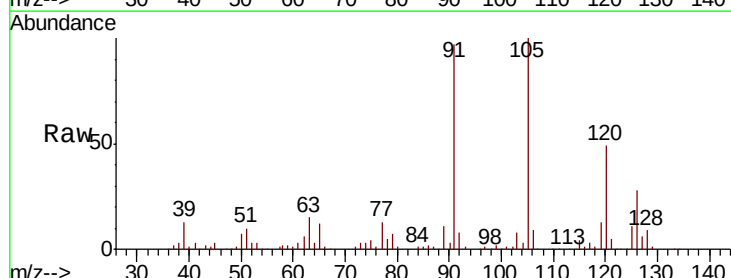
Acq: 27 Jul 2018 20:06

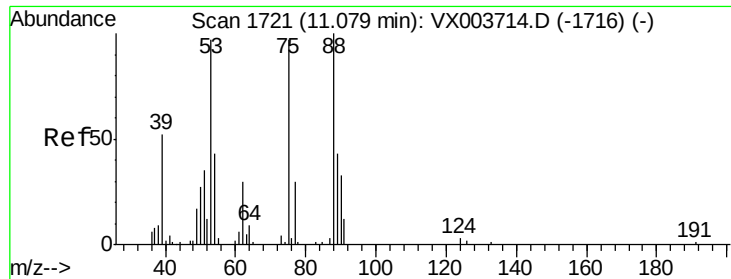
Tgt Ion: 105 Resp: 91953

Ion Ratio Lower Upper

105 100

120 48.2 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 18.755 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0727WBSD01

Tot Ion: 75 Resp: 10471

Ion Ratio Lower Upper

75 100

53 109.4 48.3 144.9

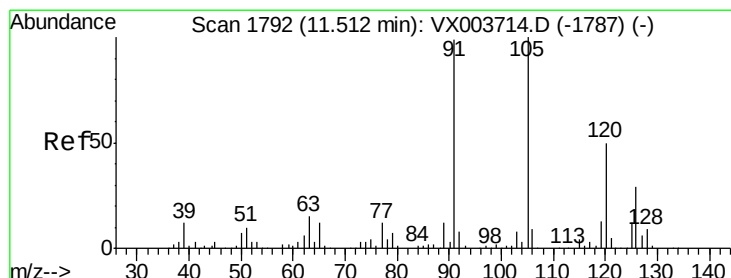
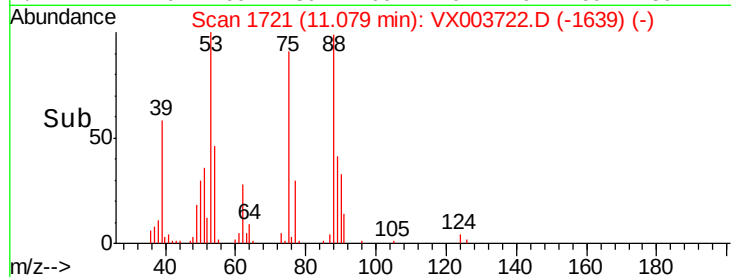
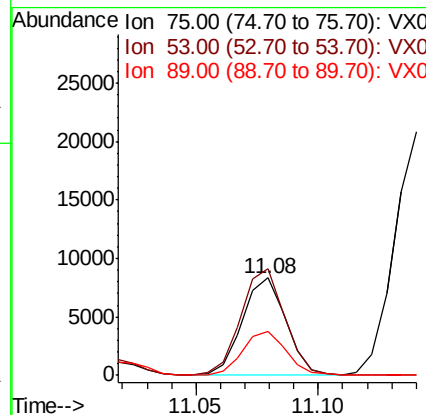
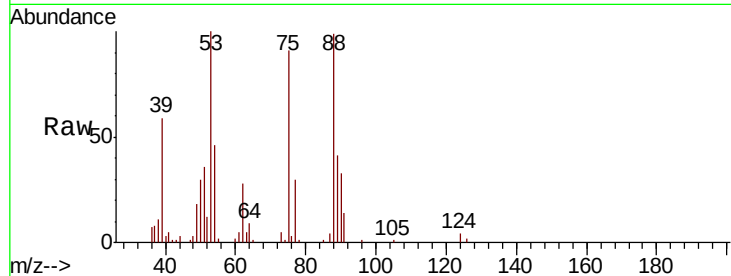
89 44.6 21.8 65.4

Manual Integrations

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#78

4-Chlorotoluene

Concen: 19.786 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003722.D

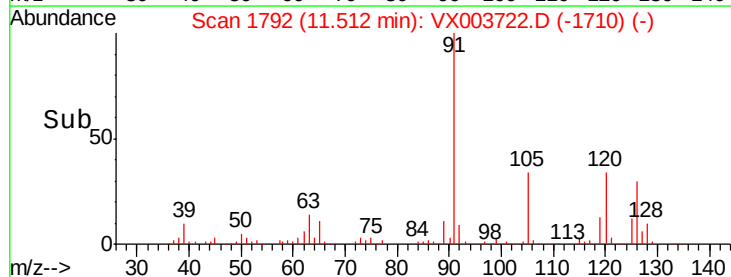
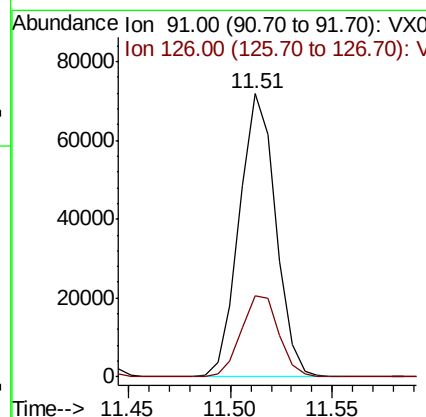
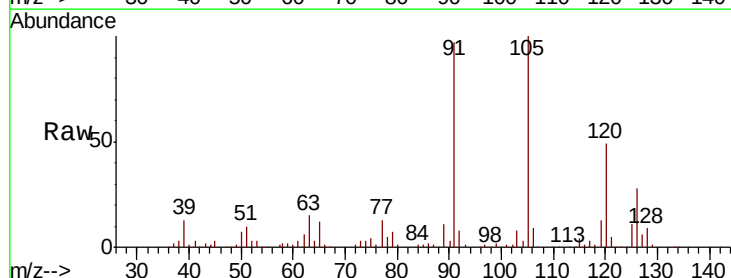
Acq: 27 Jul 2018 20:06

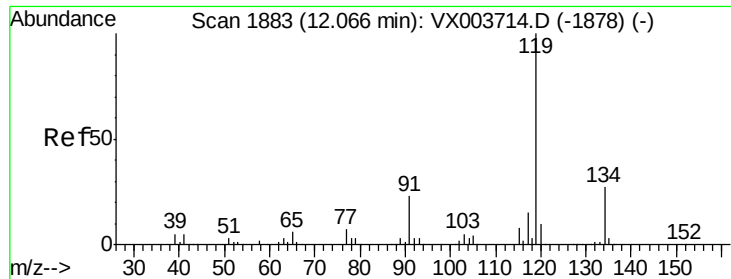
Tgt Ion: 91 Resp: 88670

Ion Ratio Lower Upper

91 100

126 29.8 0.0 61.0





#79

tert-butylbenzene

Concen: 19.414 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

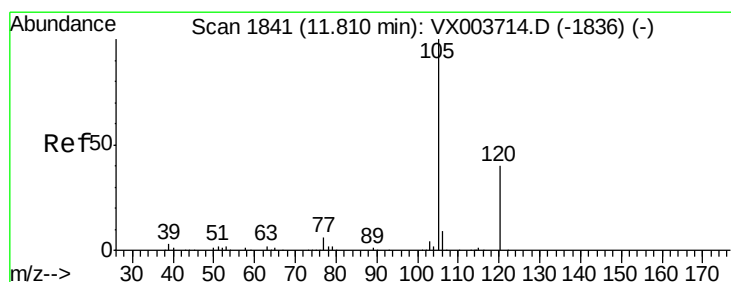
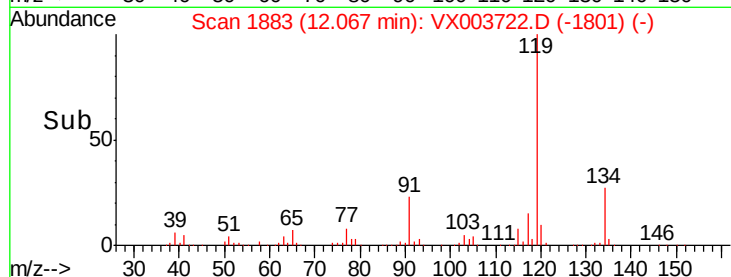
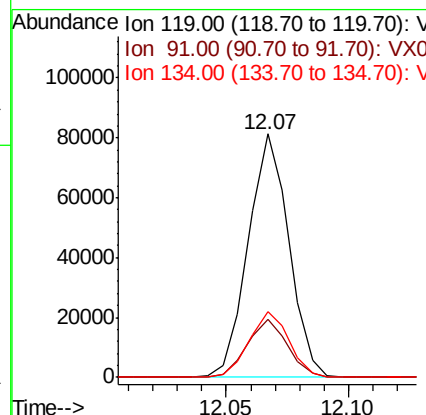
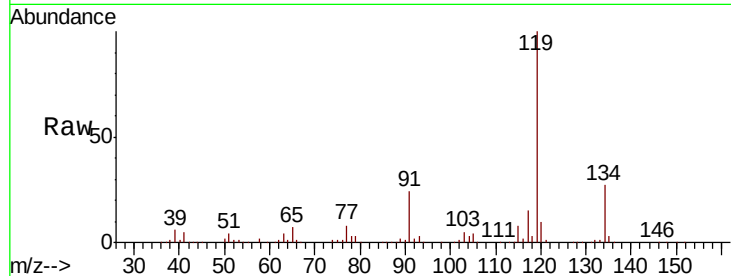
ClientSampleId :

VX0727WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 119   | Resp: | 93511 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 23.7  | 0.0   | 48.0  |
| 134       | 26.7  | 0.0   | 52.6  |

Manual Integrations  
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#80

1,2,4-Trimethylbenzene

Concen: 19.715 ug/l

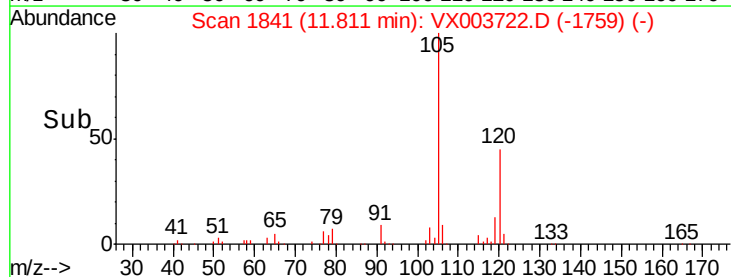
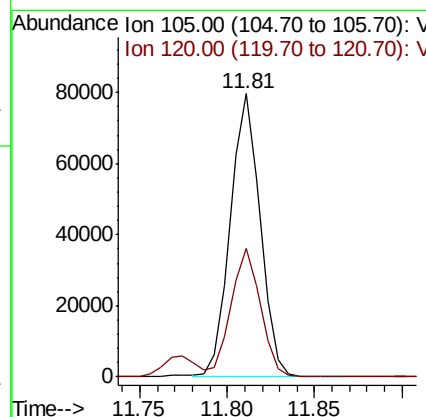
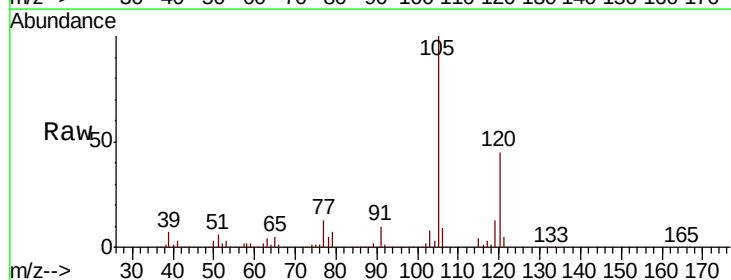
RT: 11.81 min Scan# 1841

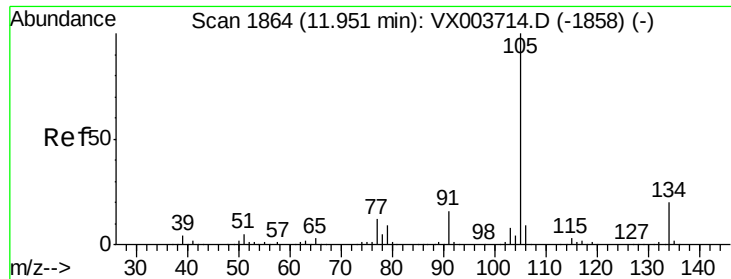
Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 94455 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 45.1  | 0.0   | 89.2  |





#81

sec-Butylbenzene

Concen: 19.747 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0727WBSD01

Tot Ion:105 Resp: 107658

Ion Ratio Lower Upper

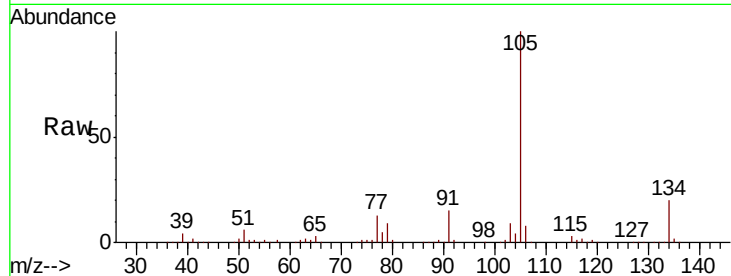
105 100

134 19.6 0.0 41.6

Manual Integrations  
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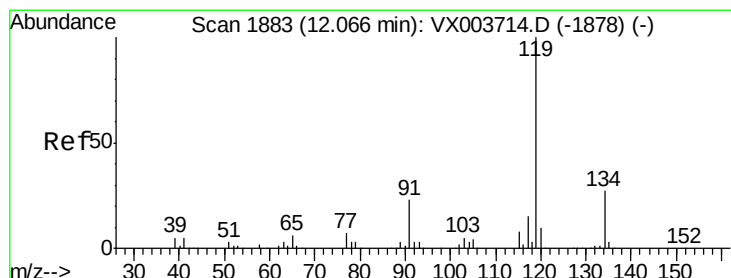
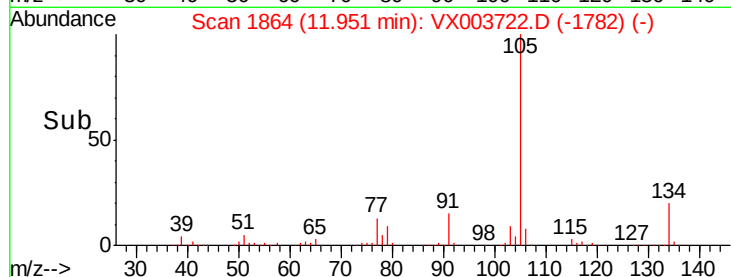
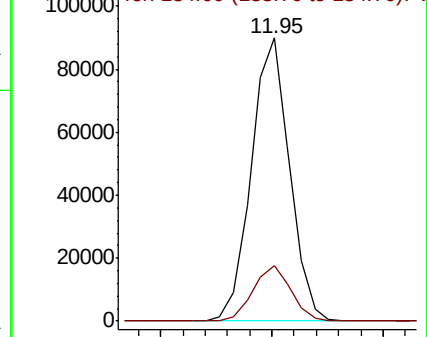
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.414 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

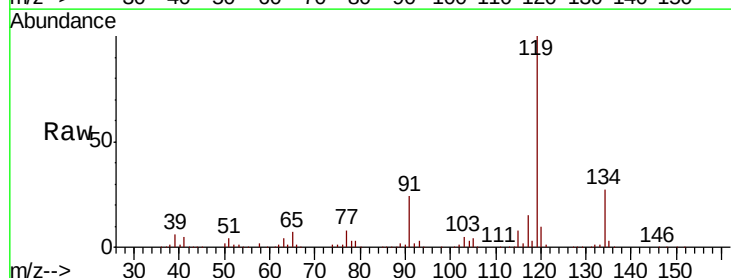
Tgt Ion:119 Resp: 93511

Ion Ratio Lower Upper

119 100

134 26.7 0.0 52.6

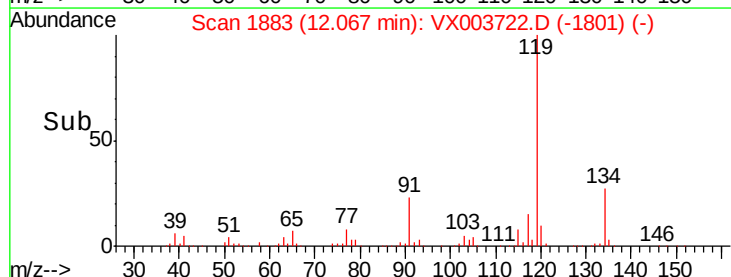
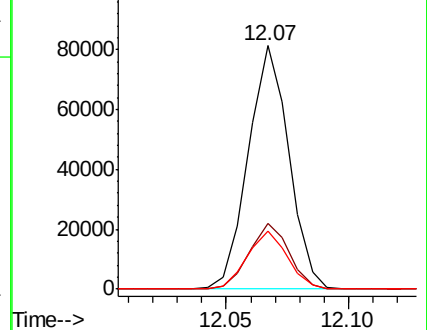
91 23.7 0.0 48.0

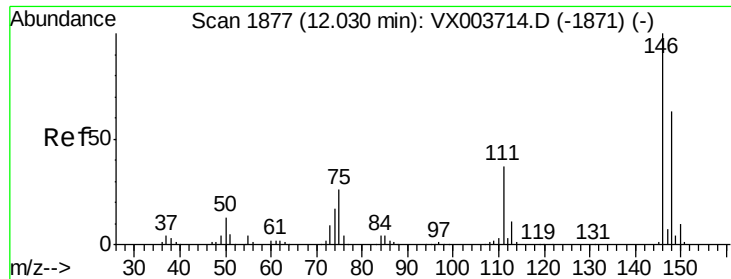


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





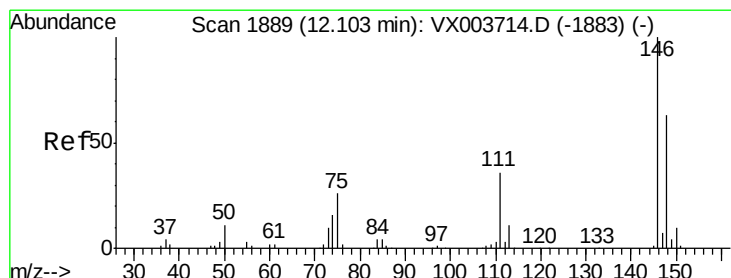
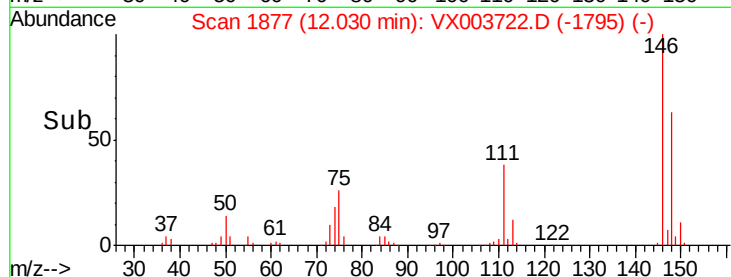
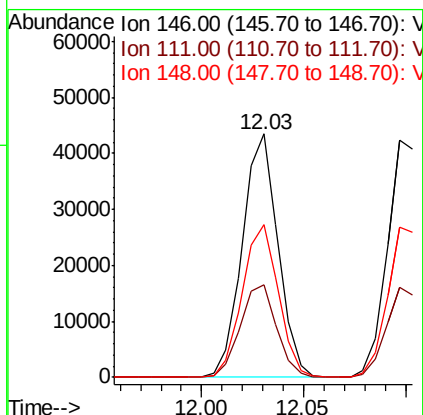
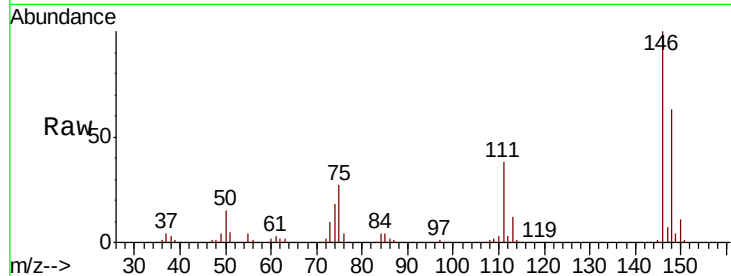
#83  
 1,3-Dichlorobenzene  
 Concen: 19.476 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.7  | 19.1  | 57.5  |
| 148     | 63.4  | 31.9  | 95.7  |

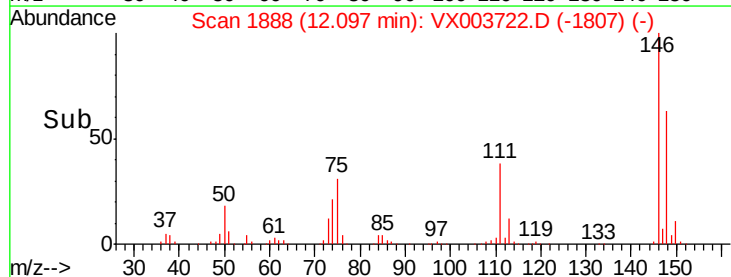
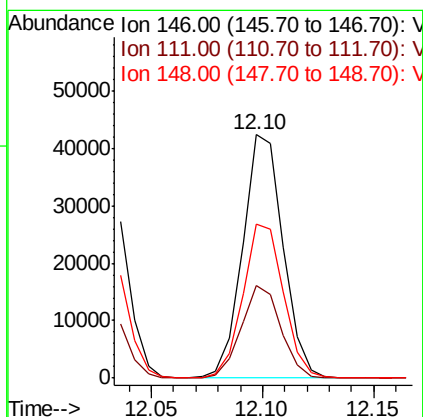
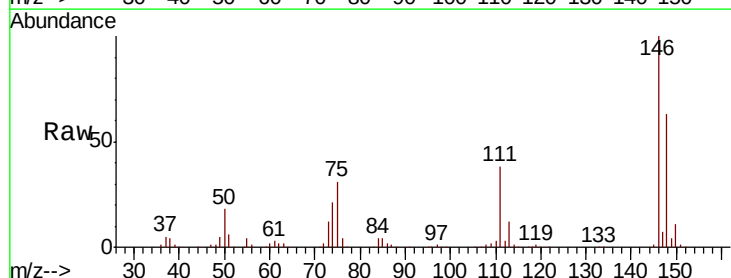
Manual Integrations  
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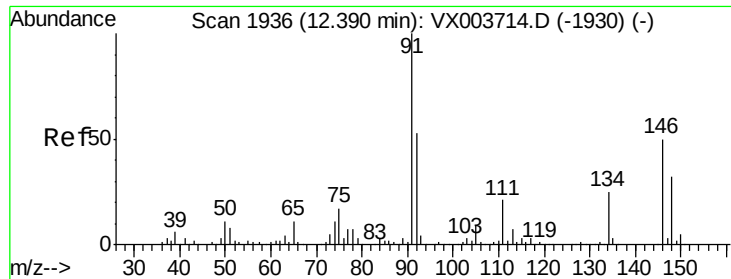
MMDadoda  
 7/30/2018 3:42:33 PM



#84  
 1,4-Dichlorobenzene  
 Concen: 19.566 ug/l  
 RT: 12.10 min Scan# 1888  
 Delta R.T. -0.01 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 18.5  | 55.5  |
| 148     | 63.9  | 32.0  | 96.0  |





#85

n-Butylbenzene

Concen: 20.302 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

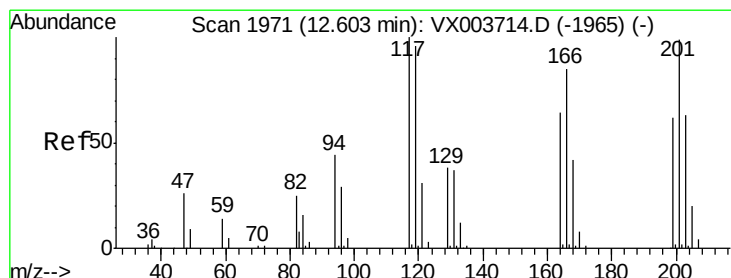
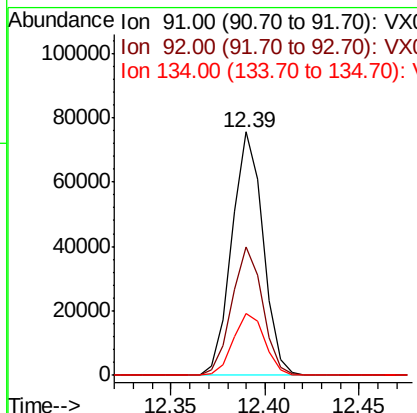
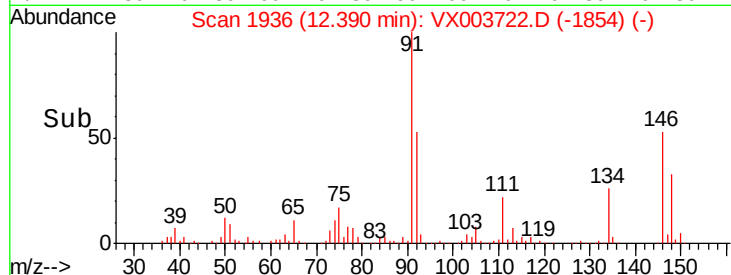
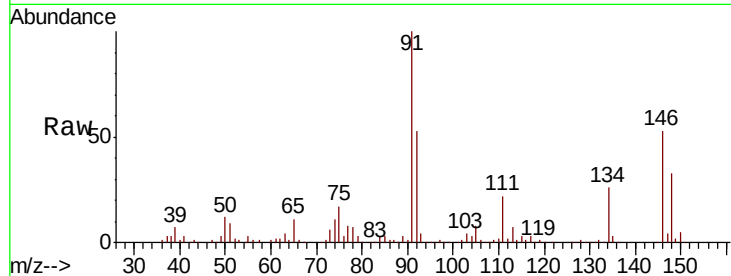
ClientSampleId :

VX0727WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 91    | Resp: | 86800 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 52.1  | 0.0   | 105.2 |
| 134      | 25.8  | 0.0   | 53.2  |

Manual Integrations  
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#86

Hexachloroethane

Concen: 21.470 ug/l

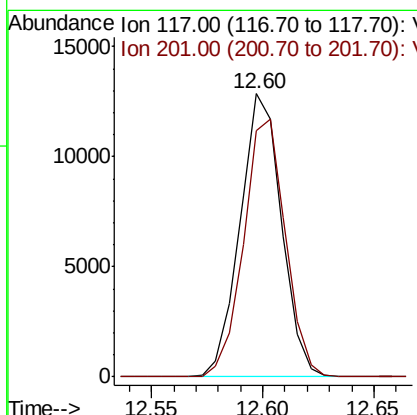
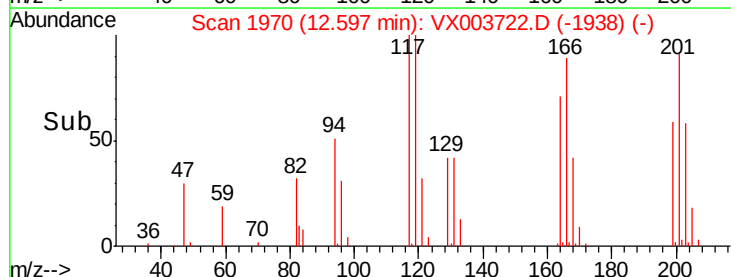
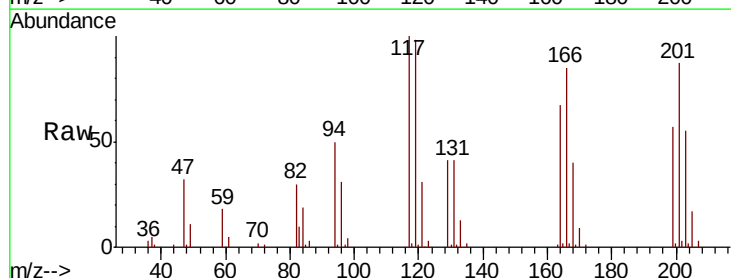
RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

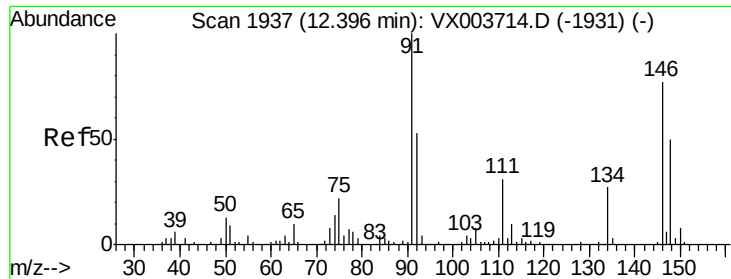
Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 16665 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 91.6  | 47.6  | 142.8 |







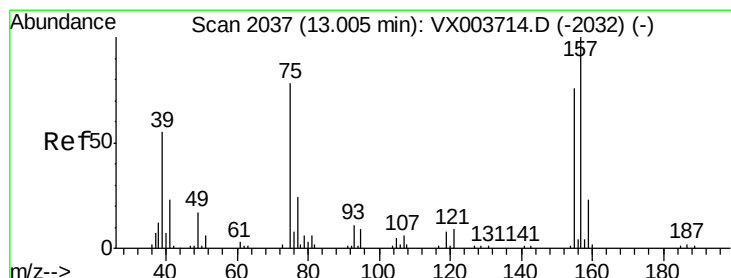
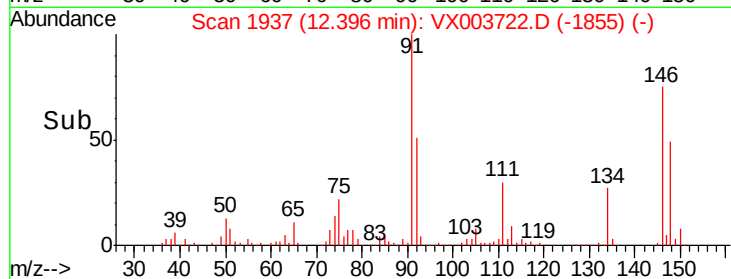
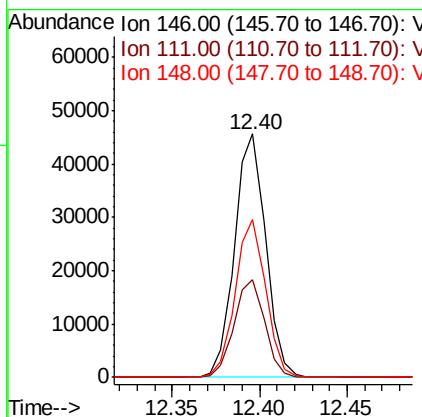
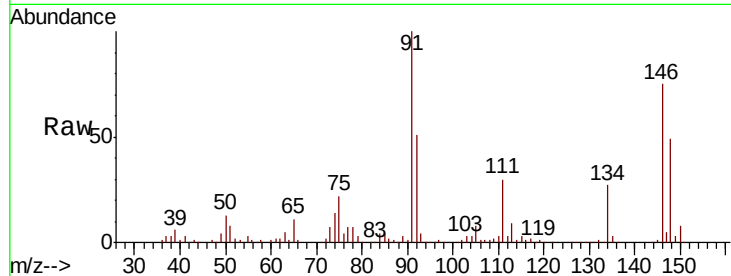
#87  
 1,2-Dichlorobenzene  
 Concen: 20.704 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.6  | 20.0  | 59.9  |
| 148     | 63.5  | 32.8  | 98.3  |

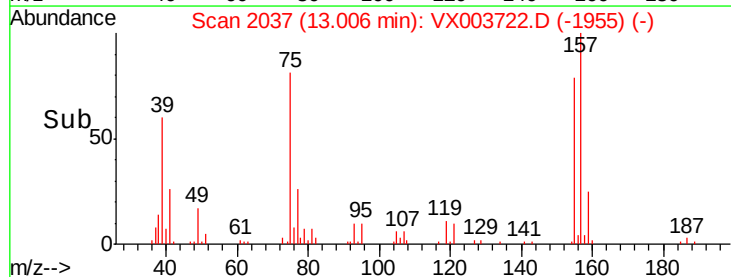
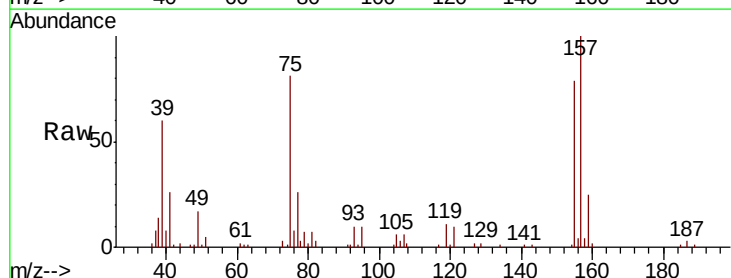
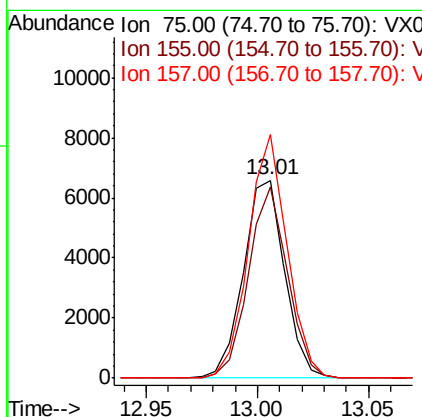
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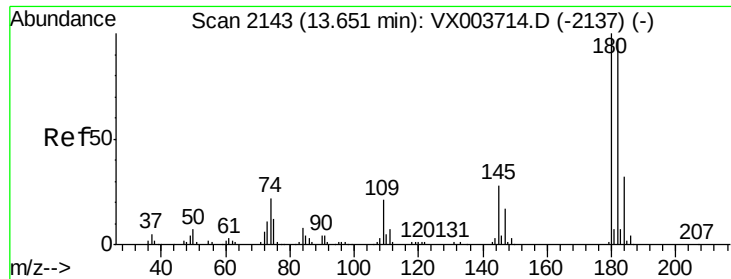
MMDadoda  
 7/30/2018 3:42:33 PM



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.471 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: VX003722.D  
 Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.5  | 73.1  | 109.7 |
| 157     | 115.1 | 93.1  | 139.7 |





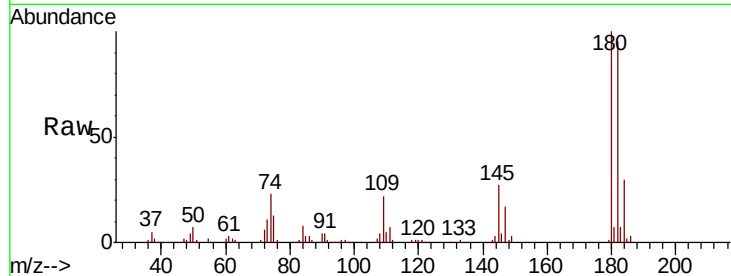
#89  
1,2,4-Trichlorobenzene  
Concen: 19.654 ug/l  
RT: 13.65 min Scan# 2143  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0727WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.2  | 76.4  | 114.6 |
| 145     | 28.4  | 22.9  | 34.3  |

Manual Integrations  
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7/30/2018 3:42:33 PM

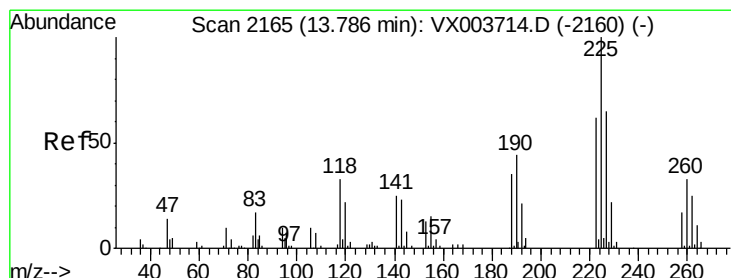
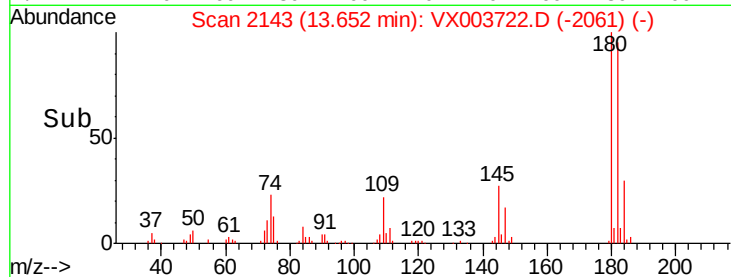
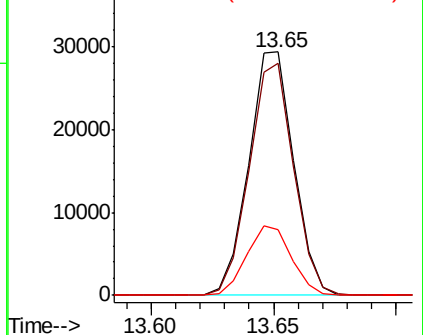


Abundance

Ion 180.00 (179.70 to 180.70): V

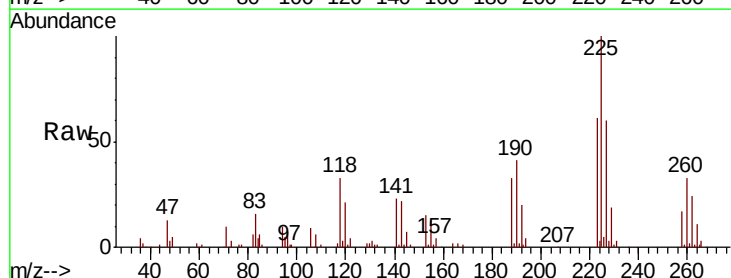
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90  
Hexachlorobutadiene  
Concen: 22.943 ug/l  
RT: 13.79 min Scan# 2165  
Delta R.T. 0.00 min  
Lab File: VX003722.D  
Acq: 27 Jul 2018 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.3  | 0.0   | 122.4 |
| 227     | 63.4  | 0.0   | 128.0 |

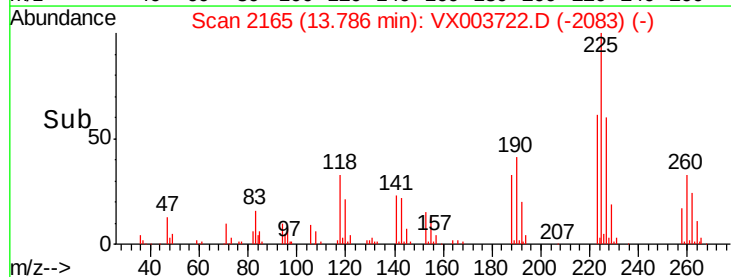
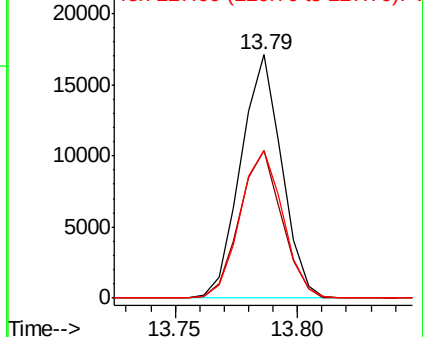


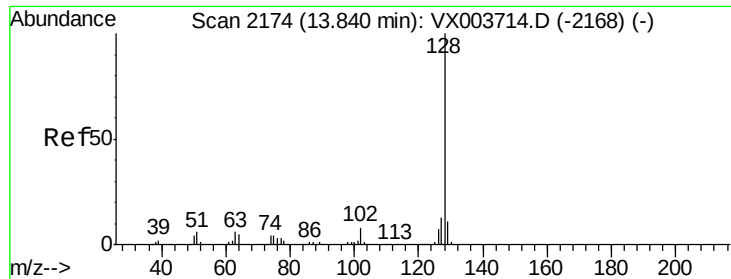
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 21.006 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA\_X

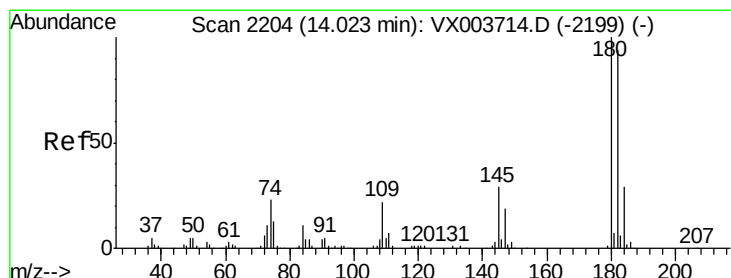
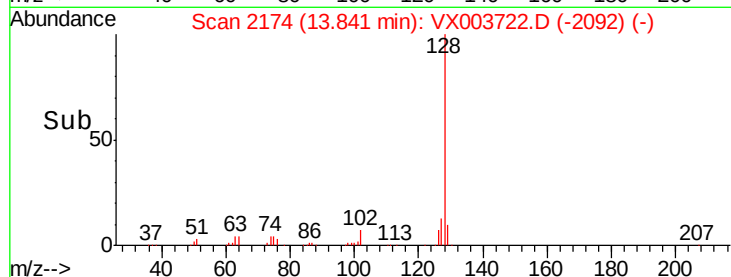
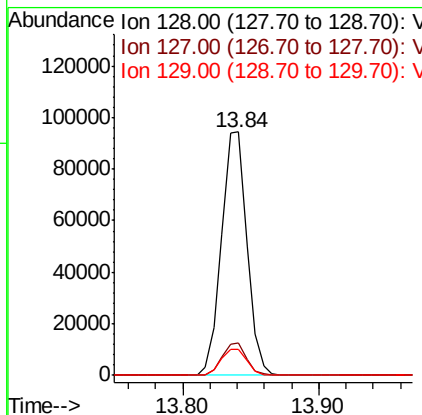
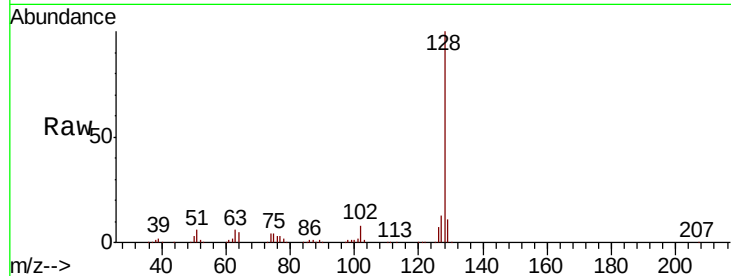
ClientSampleId :

VX0727WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 122872 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.8  | 10.3  | 15.5   |
| 129       | 11.0  | 8.9   | 13.3   |

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#92

1,2,3-Trichlorobenzene

Concen: 20.275 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 39516 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.0  | 0.0   | 191.0 |
| 145       | 30.8  | 0.0   | 60.6  |

