

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100218\  
 Data File : VX004917.D  
 Acq On : 02 Oct 2018 13:45  
 Operator : JC/MD  
 Sample : VX1002WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX1002WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 10/3/2018 4:23:28 PM

Quant Time: Oct 03 08:15:48 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Oct 03 04:49:12 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.02  | 128  | 50554    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.86  | 114  | 268081   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.12 | 117  | 254532   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 6.07   | 65    | 110672   | 28.81    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 96.03%  |
| 60) 4-Bromofluorobenzene  | 11.14  | 95    | 123732   | 29.25    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 97.50%  |
| 63) Toluene-d8            | 8.71   | 98    | 346581   | 30.50    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 101.67% |

## Target Compounds

|                               |      |     |        |         | Ovalue     |
|-------------------------------|------|-----|--------|---------|------------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 80763  | 20.519  | ug/l 99    |
| 3) Chloromethane              | 1.32 | 50  | 87660  | 21.466  | ug/l 99    |
| 4) Vinyl Chloride             | 1.40 | 62  | 83554  | 20.014  | ug/l 99    |
| 5) Bromomethane               | 1.64 | 94  | 37898  | 18.918  | ug/l 100   |
| 6) Chloroethane               | 1.72 | 64  | 48459  | 20.218  | ug/l 98    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 105858 | 19.906  | ug/l 99    |
| 8) Diethyl Ether              | 2.19 | 74  | 41687  | 19.229  | ug/l 100   |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 61416  | 20.110  | ug/l 99    |
| 10) 1,1-Dichloroethene        | 2.37 | 96  | 56322  | 19.470  | ug/l 98    |
| 11) Methyl Iodide             | 2.51 | 142 | 36603  | 20.901  | ug/l 99    |
| 12) Methyl Acetate            | 2.78 | 43  | 115017 | 19.718  | ug/l 99    |
| 13) Acrolein                  | 2.29 | 56  | 47891  | 88.861  | ug/l 97    |
| 14) Acrylonitrile             | 3.15 | 53  | 229646 | 96.338  | ug/l 100   |
| 15) Acetone                   | 2.45 | 58  | 69876  | 87.693  | ug/l 100   |
| 16) Carbon Disulfide          | 2.57 | 76  | 165680 | 19.528  | ug/l 100   |
| 17) Allyl chloride            | 2.73 | 41  | 126982 | 19.740  | ug/l 99    |
| 18) Methylene Chloride        | 2.85 | 84  | 65166  | 19.371  | ug/l 98    |
| 19) trans-1,2-Dichloroethene  | 3.16 | 96  | 60593  | 19.606  | ug/l 97    |
| 20) Diisopropyl ether         | 3.87 | 45  | 218535 | 19.925  | ug/l 99    |
| 21) 1,1-Dichloroethane        | 3.70 | 63  | 119988 | 19.856  | ug/l 99    |
| 22) cis-1,2-Dichloroethene    | 4.59 | 96  | 65328  | 19.109  | ug/l 98    |
| 23) tert-Butyl Alcohol        | 3.07 | 59  | 110087 | 100.055 | ug/l # 100 |
| 24) Methyl tert-Butyl Ether   | 3.20 | 73  | 206274 | 19.404  | ug/l 100   |
| 25) Chloroform                | 5.21 | 83  | 110276 | 19.390  | ug/l 97    |
| 26) Cyclohexane               | 5.57 | 56  | 103006 | 19.862  | ug/l # 99  |
| 29) 1,1-Dichloropropene       | 5.79 | 75  | 82633  | 20.830  | ug/l 99    |
| 30) 2-Butanone                | 4.70 | 43  | 316578 | 98.155  | ug/l 100   |
| 31) 2,2-Dichloropropane       | 4.58 | 77  | 88307  | 20.289  | ug/l 99    |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 93599  | 20.525  | ug/l 99    |
| 33) Carbon Tetrachloride      | 5.78 | 117 | 81205  | 20.276  | ug/l 99    |
| 34) Benzene                   | 6.14 | 78  | 247234 | 20.538  | ug/l 98    |
| 35) Methacrylonitrile         | 5.06 | 41  | 60424  | 20.159  | ug/l 97    |
| 36) 1,2-Dichloroethane        | 6.20 | 62  | 89313  | 20.594  | ug/l 99    |
| 37) Trichloroethene           | 7.21 | 130 | 65534  | 20.667  | ug/l 97    |
| 38) Methylcyclohexane         | 7.46 | 83  | 96801  | 20.553  | ug/l 100   |
| 39) 1,2-Dichloropropane       | 7.52 | 63  | 66307  | 20.672  | ug/l 99    |
| 40) Dibromomethane            | 7.66 | 93  | 42917  | 20.644  | ug/l 97    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100218\  
 Data File : VX004917.D  
 Acq On : 02 Oct 2018 13:45  
 Operator : JC/MD  
 Sample : VX1002WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX1002WBS01

Manual Integrations  
 APPROVED

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 10/3/2018 4:23:28 PM

Quant Time: Oct 03 08:15:48 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Oct 03 04:49:12 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Bromodichloromethane       | 7.90  | 83   | 81136    | 20.245  | ug/l  | 99       |
| 42) Vinyl Acetate              | 3.82  | 43   | 1017970  | 109.094 | ug/l  | 100      |
| 43) Ethyl Acetate              | 4.85  | 43   | 110440   | 20.758  | ug/l  | 99       |
| 44) Isopropyl Acetate          | 6.46  | 43   | 155688   | 19.609  | ug/l  | 100      |
| 45) 1,4-Dioxane                | 7.76  | 88   | 38827    | 415.083 | ug/l  | 98       |
| 46) Methyl methacrylate        | 7.77  | 41   | 82473    | 20.021  | ug/l  | 97       |
| 47) n-amyl Acetate             | 10.90 | 43   | 137724   | 18.801  | ug/l  | 100      |
| 48) t-1,3-Dichloropropene      | 9.04  | 75   | 89793    | 19.584  | ug/l  | 97       |
| 49) cis-1,3-Dichloropropene    | 8.44  | 75   | 99141    | 19.949  | ug/l  | 99       |
| 50) 1,1,2-Trichloroethane      | 9.22  | 97   | 64543    | 20.506  | ug/l  | 99       |
| 51) Ethyl methacrylate         | 9.18  | 69   | 96866    | 19.392  | ug/l  | 100      |
| 52) 1,3-Dichloropropane        | 9.37  | 76   | 106636   | 20.082  | ug/l  | 100      |
| 53) Dibromochloromethane       | 9.59  | 129  | 64497    | 19.751  | ug/l  | 100      |
| 54) 1,2-Dibromoethane          | 9.67  | 107  | 65660    | 20.018  | ug/l  | 99       |
| 55) 2-Chloroethyl vinyl ether  | 8.31  | 63   | 265995   | 100.918 | ug/l  | 99       |
| 56) Bromoform                  | 10.86 | 173  | 51103    | 18.739  | ug/l  | 99       |
| 58) 4-Methyl-2-Pentanone       | 8.65  | 43   | 565718   | 98.989  | ug/l  | 98       |
| 59) 2-Hexanone                 | 9.49  | 43   | 448653   | 95.285  | ug/l  | 100      |
| 61) Tetrachloroethene          | 9.34  | 164  | 64299    | 20.758  | ug/l  | 98       |
| 62) Toluene                    | 8.79  | 91   | 271267   | 20.279  | ug/l  | 99       |
| 64) Chlorobenzene              | 10.14 | 112  | 172568   | 19.976  | ug/l  | 99       |
| 65) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 61812    | 19.683  | ug/l  | 99       |
| 66) Ethyl Benzene              | 10.26 | 91   | 289400   | 19.817  | ug/l  | 100      |
| 67) m/p-Xylenes                | 10.36 | 106  | 227688   | 40.042  | ug/l  | 97       |
| 68) o-Xylene                   | 10.70 | 106  | 108178   | 19.736  | ug/l  | 98       |
| 69) Styrene                    | 10.71 | 104  | 177283   | 19.235  | ug/l  | 99       |
| 70) Isopropylbenzene           | 11.02 | 105  | 295917   | 20.162  | ug/l  | 99       |
| 71) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 102769   | 18.851  | ug/l  | 99       |
| 72) 1,2,3-Trichloropropane     | 11.30 | 75   | 95272m   | 19.183  | ug/l  |          |
| 73) Bromobenzene               | 11.26 | 156  | 78504    | 19.458  | ug/l  | 99       |
| 74) n-propylbenzene            | 11.36 | 91   | 346236   | 20.049  | ug/l  | 99       |
| 75) 2-Chlorotoluene            | 11.42 | 91   | 207779   | 19.728  | ug/l  | 99       |
| 76) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 251904   | 19.891  | ug/l  | 100      |
| 77) t-1,4-Dichloro-2-butene    | 11.07 | 75   | 28233    | 17.290  | ug/l  | 98       |
| 78) 4-Chlorotoluene            | 11.51 | 91   | 239998   | 19.604  | ug/l  | 99       |
| 79) tert-butylbenzene          | 12.07 | 119  | 268483   | 19.976  | ug/l  | 100      |
| 80) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 257290   | 19.922  | ug/l  | 100      |
| 81) sec-Butylbenzene           | 11.94 | 105  | 298210   | 19.949  | ug/l  | 100      |
| 82) p-Isopropyltoluene         | 12.07 | 119  | 268483   | 19.976  | ug/l  | 100      |
| 83) 1,3-Dichlorobenzene        | 12.02 | 146  | 145507   | 19.503  | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene        | 12.10 | 146  | 146791   | 19.388  | ug/l  | 100      |
| 85) n-Butylbenzene             | 12.39 | 91   | 236528   | 19.376  | ug/l  | 99       |
| 86) Hexachloroethane           | 12.60 | 117  | 40940    | 18.493  | ug/l  | 99       |
| 87) 1,2-Dichlorobenzene        | 12.39 | 146  | 145642   | 19.204  | ug/l  | 100      |
| 88) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 23314    | 18.507  | ug/l  | 97       |
| 89) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 107895   | 19.071  | ug/l  | 100      |
| 90) Hexachlorobutadiene        | 13.79 | 225  | 55622    | 19.915  | ug/l  | 98       |
| 91) Naphthalene                | 13.83 | 128  | 329637   | 18.739  | ug/l  | 99       |
| 92) 1,2,3-Trichlorobenzene     | 14.02 | 180  | 111454   | 19.212  | ug/l  | 99       |

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Data File : VX004917.D  
Acq On : 02 Oct 2018 13:45  
Operator : JC/MD  
Sample : VX1002WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

Manual Integrations  
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10/3/2018 4:23:28 PM

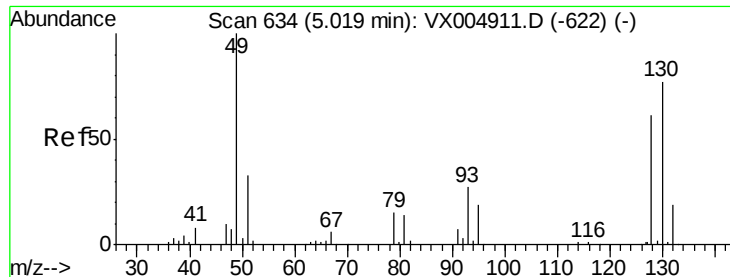
Quant Time: Oct 03 08:15:48 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Wed Oct 03 04:49:12 2018  
Response via : Initial Calibration

| 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: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

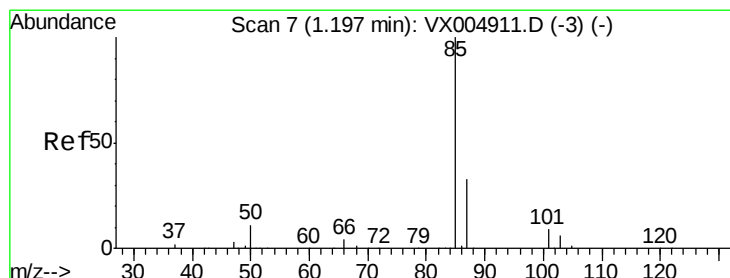
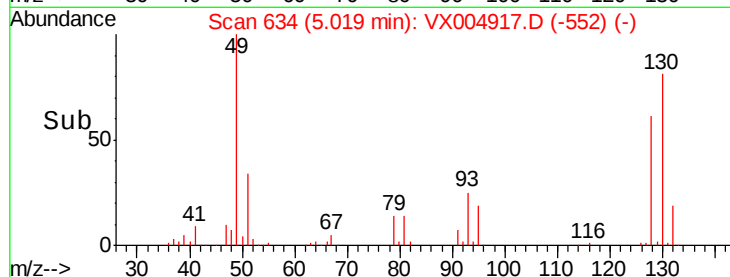
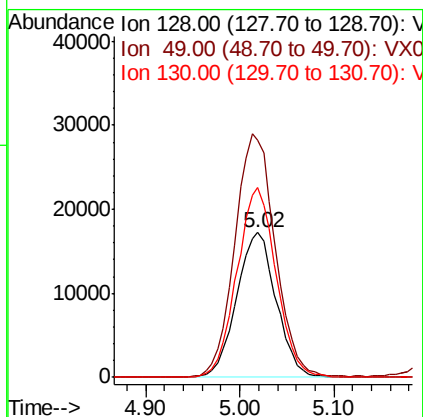
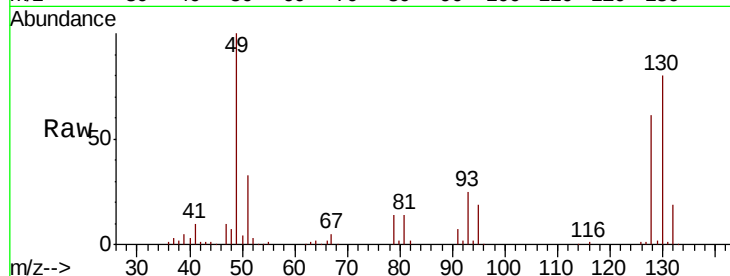
ClientSampleId :

VX1002WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 50554 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 171.6 | 0.0   | 429.5 |
| 130      | 130.6 | 0.0   | 325.8 |

Manual Integrations  
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#2

Dichlorodifluoromethane

Concen: 20.519 ug/l

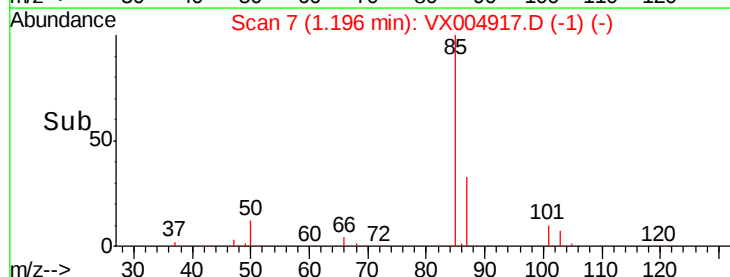
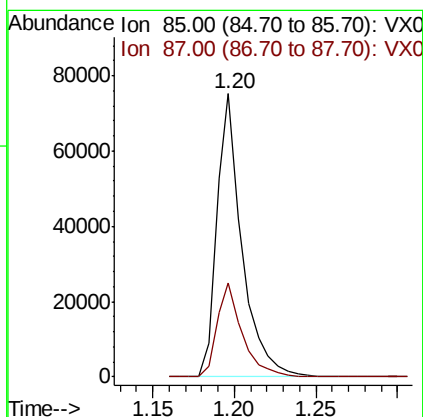
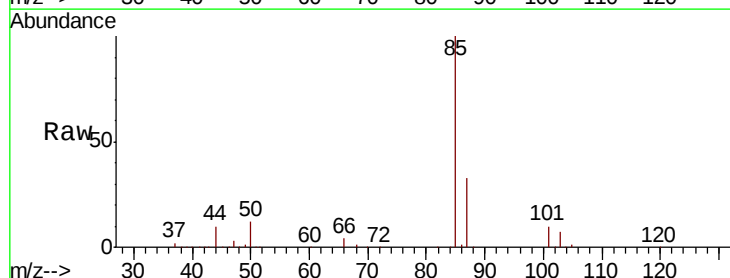
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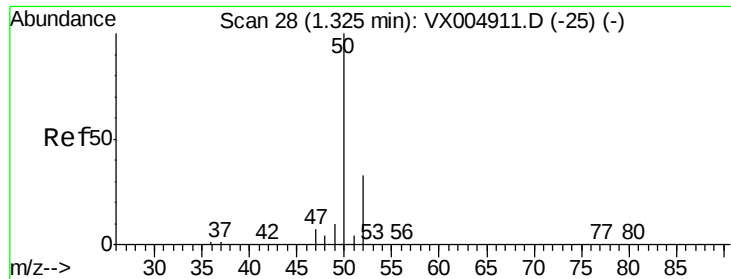
Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 80763 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 33.3  | 16.5  | 49.5  |





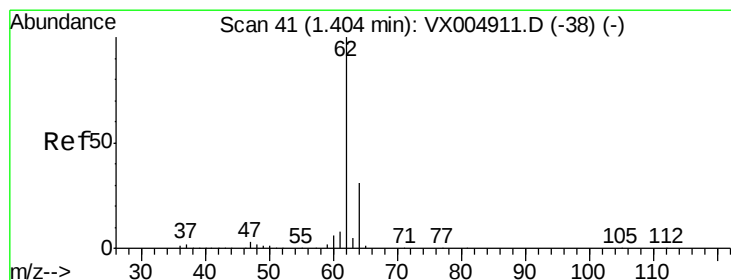
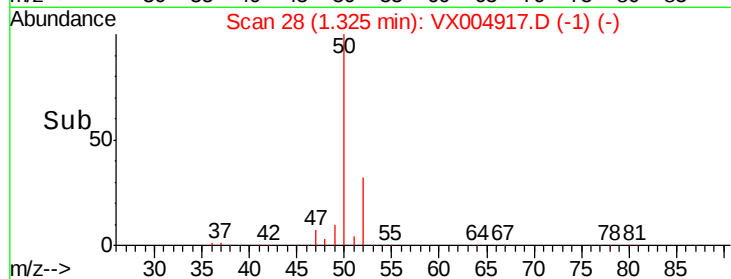
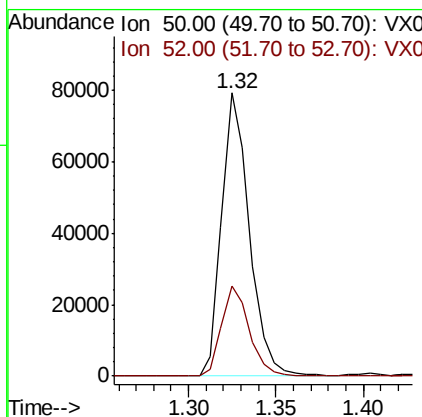
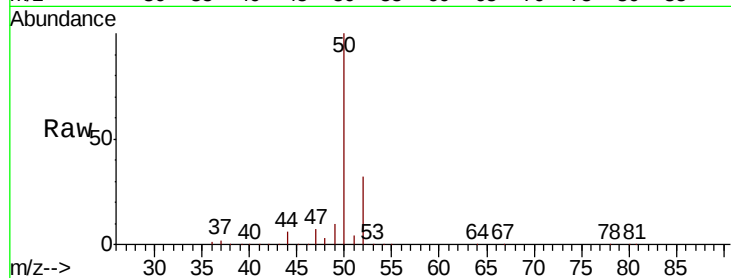
#3  
Chloromethane  
Concen: 21.466 ug/l  
RT: 1.32 min Scan# 28  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 50      | 100   |       |       |
| 52      | 31.9  | 26.1  | 39.1  |

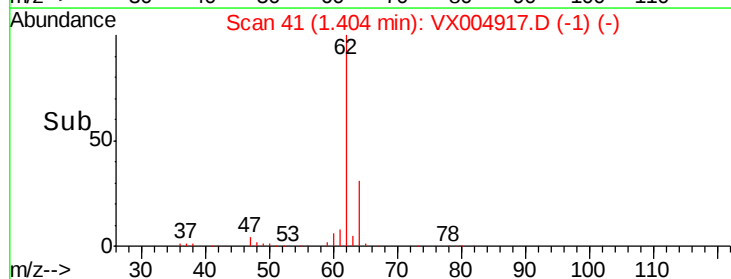
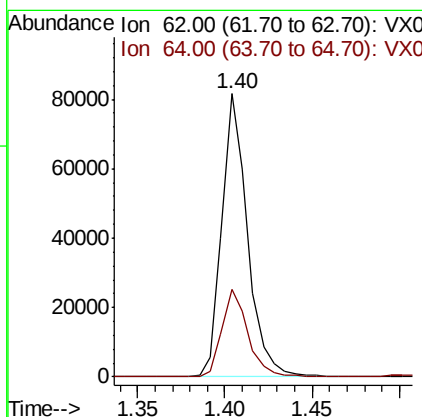
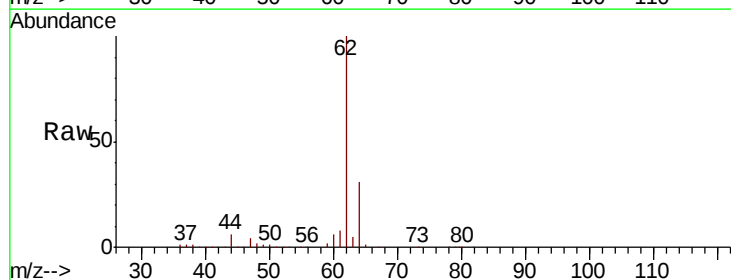
Manual Integrations  
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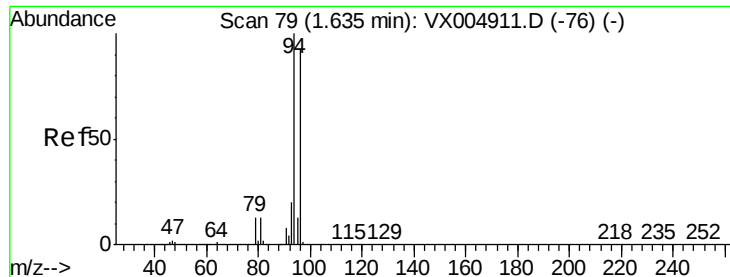
MMDadoda  
10/3/2018 4:23:28 PM



#4  
Vinyl Chloride  
Concen: 20.014 ug/l  
RT: 1.40 min Scan# 41  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 64      | 30.8  | 25.2  | 37.8  |





#5

Bromomethane

Concen: 18.918 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX1002WBS01

Tot Ion: 94 Resp: 37898

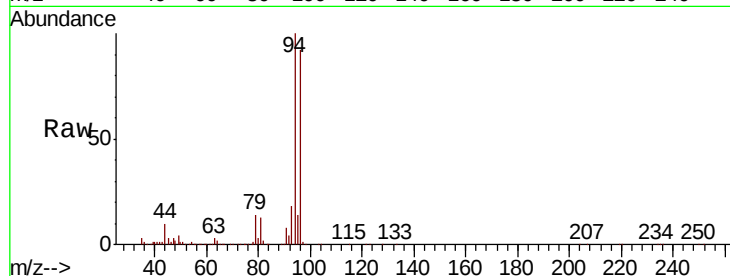
Ion Ratio Lower Upper

94 100

96 92.2 73.8 110.8

Manual Integrations  
APPROVED

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10/3/2018 4:23:28 PM



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

40000

30000

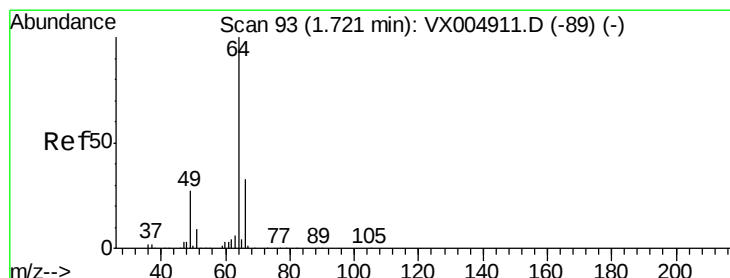
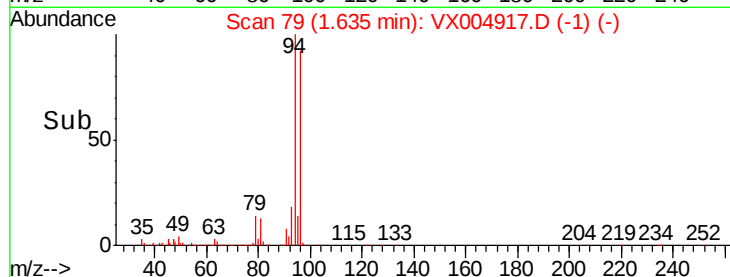
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10000

0

1.60 1.65

Time-->



#6

Chloroethane

Concen: 20.218 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX004917.D

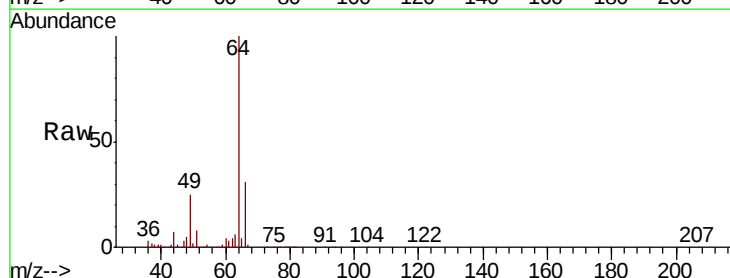
Acq: 02 Oct 2018 13:45

Tgt Ion: 64 Resp: 48459

Ion Ratio Lower Upper

64 100

66 31.2 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

40000

30000

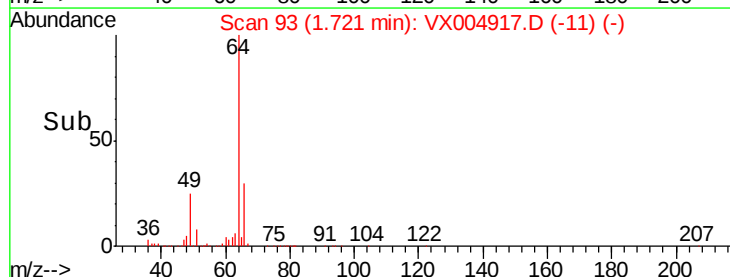
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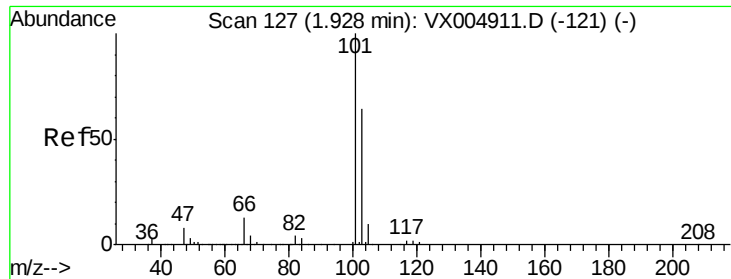
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1.65 1.70 1.75 1.80

Time-->





#7

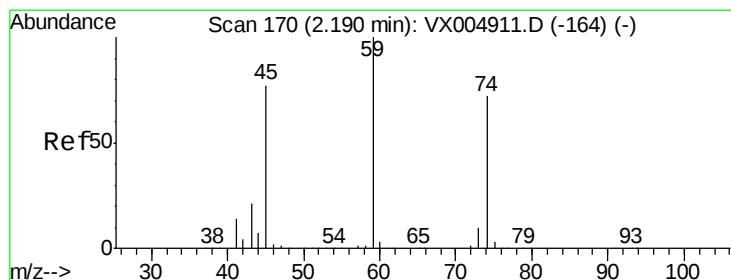
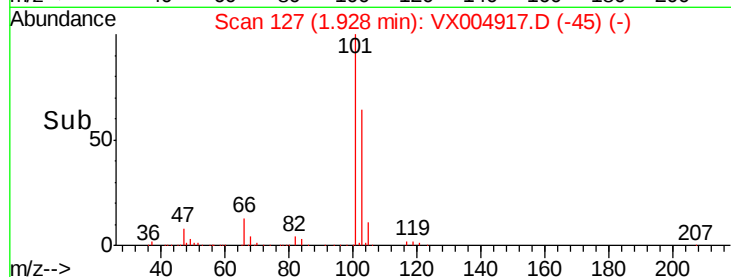
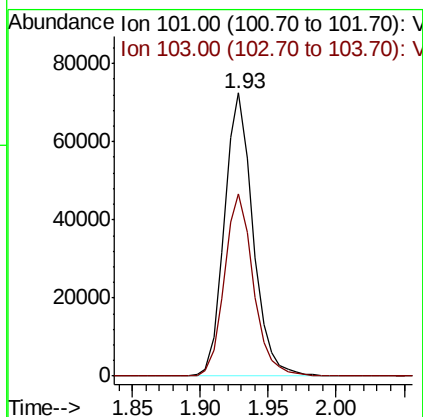
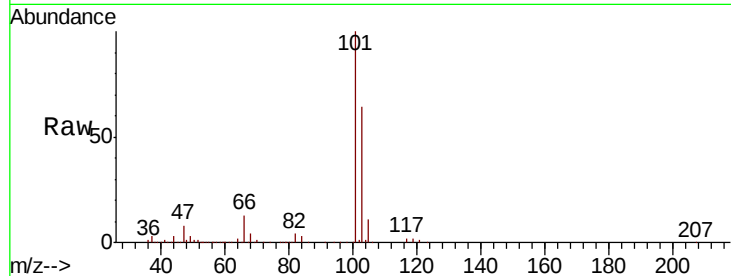
Trichlorofluoromethane  
Concen: 19.906 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 105858 |       |       |
| 103     | 64.4  | 51.1   | 76.7  |       |

Manual Integrations  
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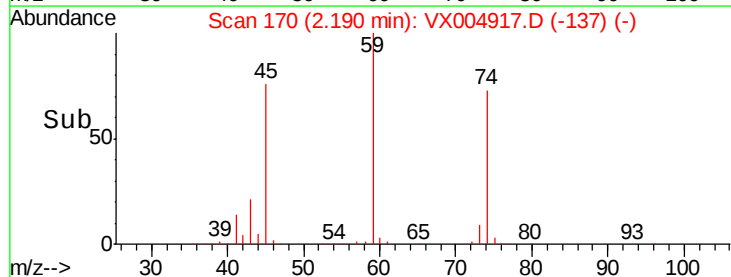
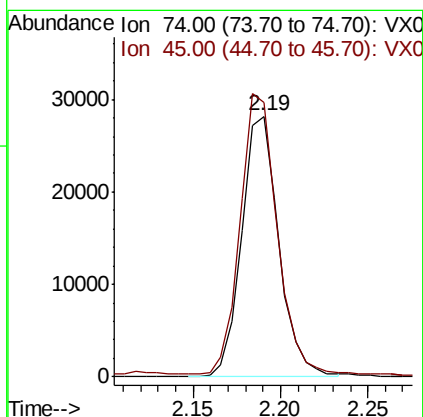
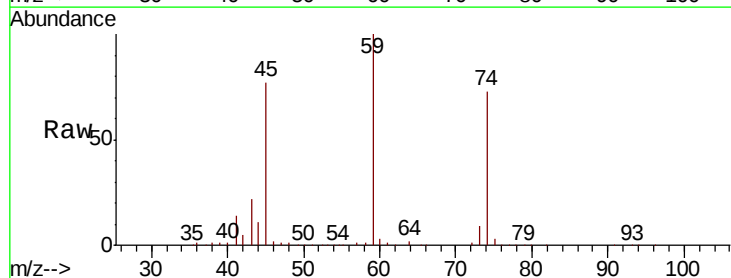
MMDadoda  
10/3/2018 4:23:28 PM

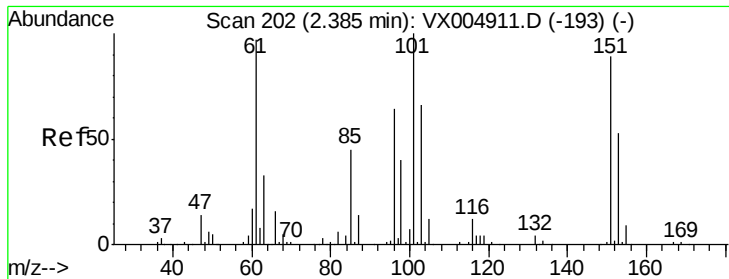


#8

Diethyl Ether  
Concen: 19.229 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 41687 |       |       |
| 45      | 108.7 | 21.6  | 194.8 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.110 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

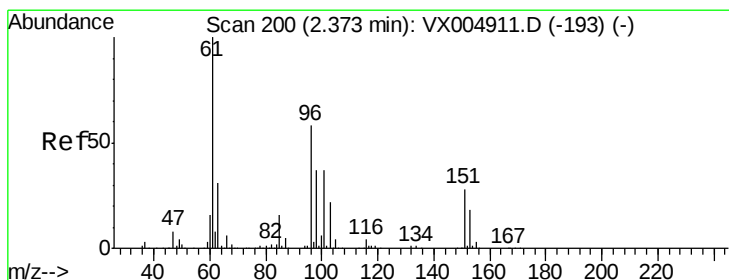
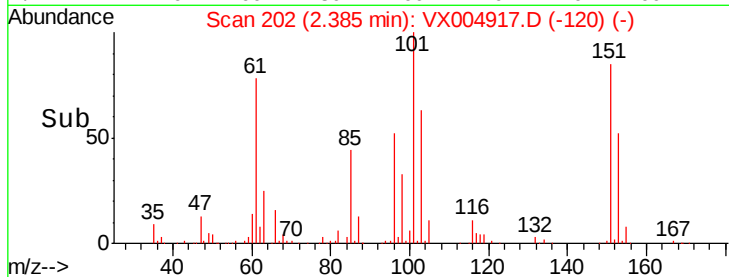
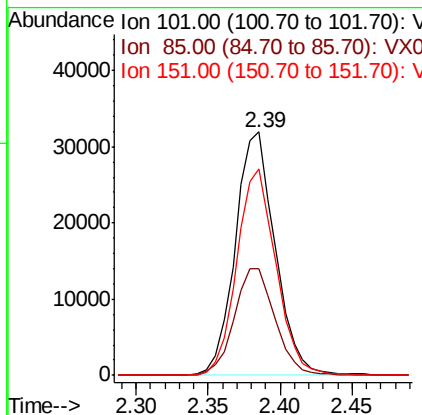
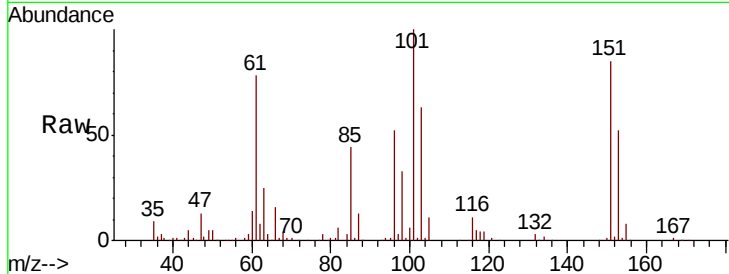
ClientSampleId :

VX1002WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 61416 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.0  | 0.0   | 88.0  |
| 151       | 83.0  | 0.0   | 164.8 |

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10/3/2018 4:23:28 PM



#10

1,1-Dichloroethene

Concen: 19.470 ug/l

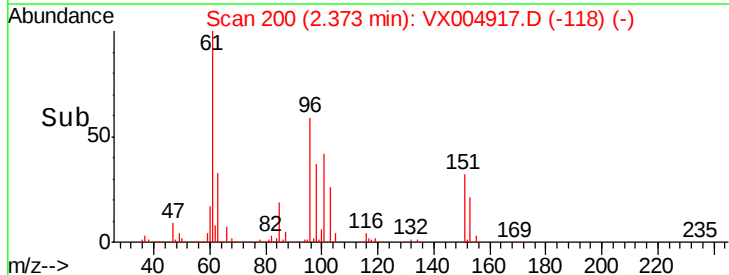
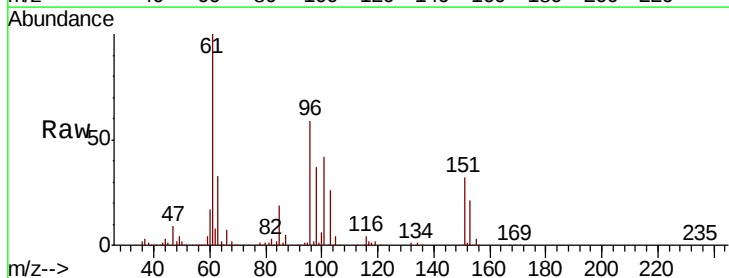
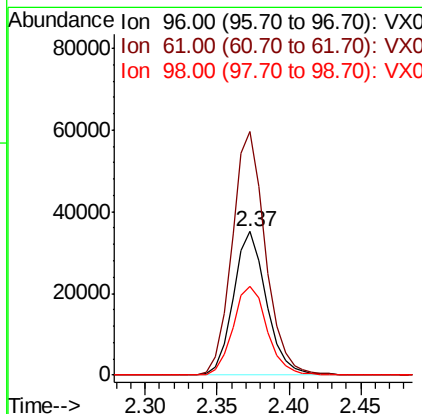
RT: 2.37 min Scan# 200

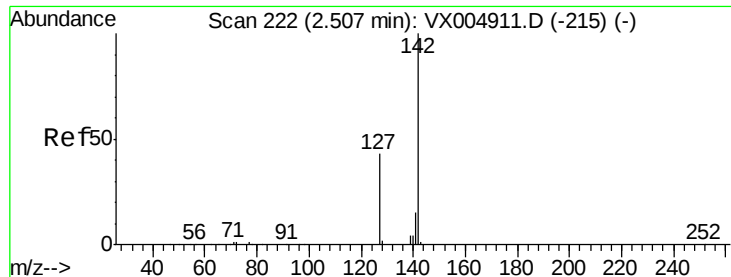
Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 56322 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 169.7 | 137.9 | 206.9 |
| 98        | 62.3  | 51.0  | 76.4  |





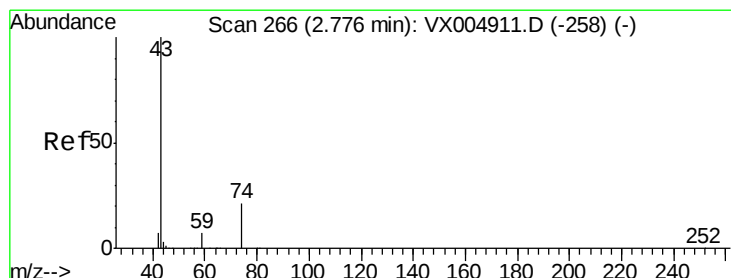
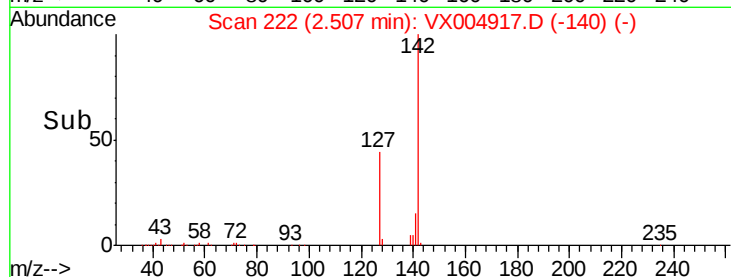
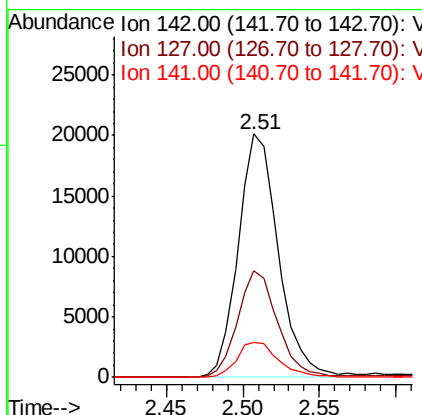
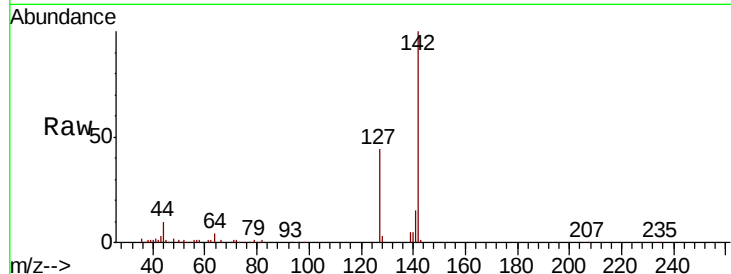
#11  
Methvl Iodide  
Concen: 20.901 ug/l  
RT: 2.51 min Scan# 222  
Delta R.T. 0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 43.9  | 21.6  | 64.8  |
| 141     | 14.7  | 7.5   | 22.6  |

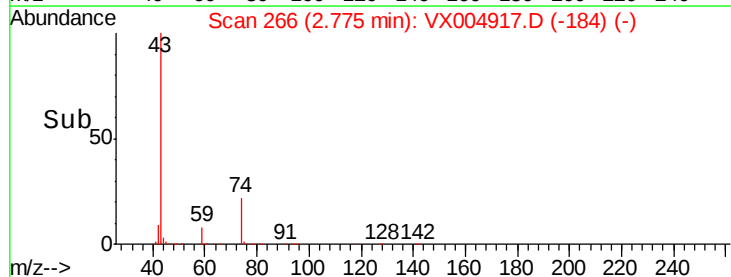
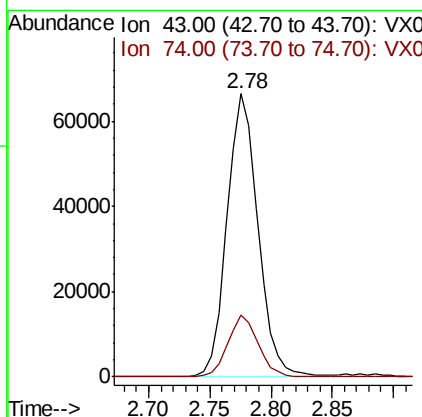
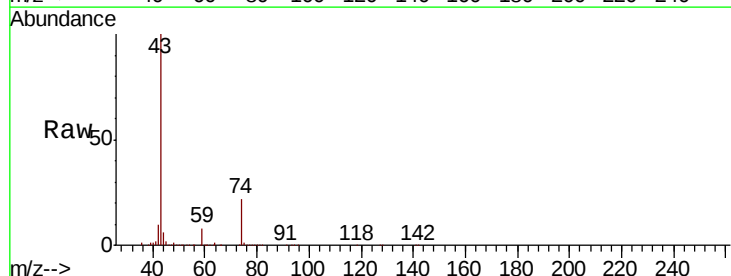
Manual Integrations  
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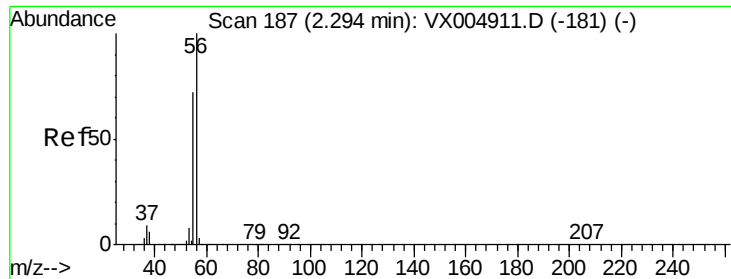
MMDadoda  
10/3/2018 4:23:28 PM



#12  
Methyl Acetate  
Concen: 19.718 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.9  | 17.0  | 25.6  |





#13

Acrolein

Concen: 88.861 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX1002WBS01

Tot Ion: 56 Resp: 47891

Ion Ratio Lower Upper

56 100

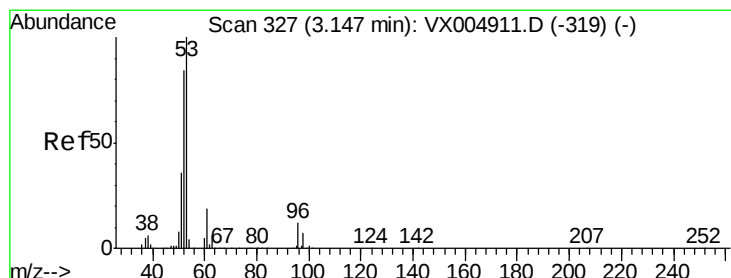
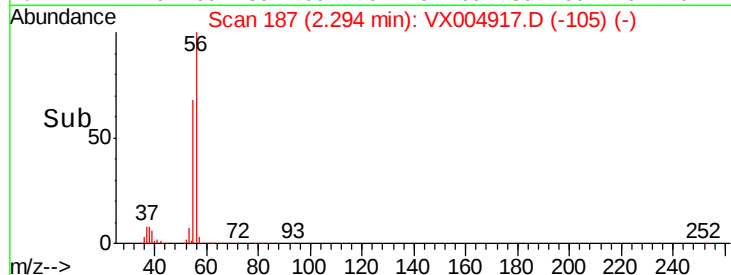
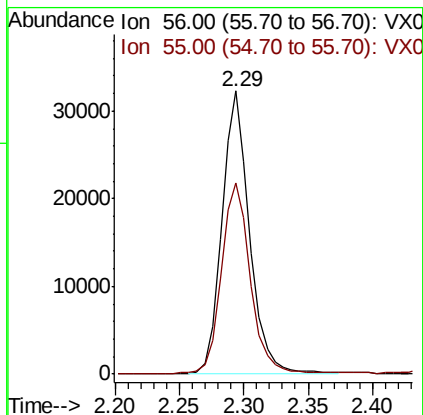
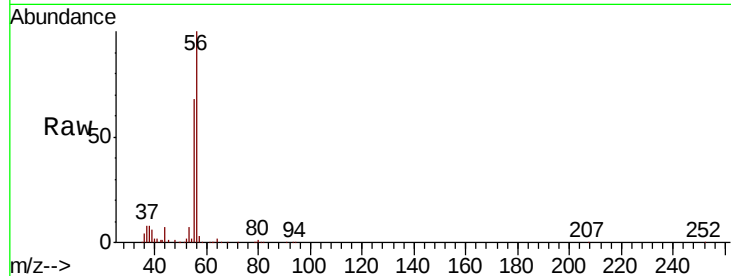
55 70.0 57.9 86.9

Manual Integrations

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#14

Acrylonitrile

Concen: 96.338 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

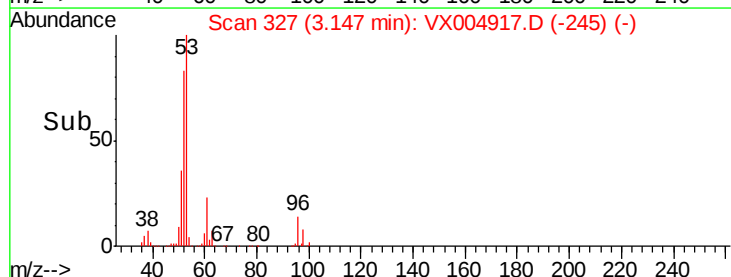
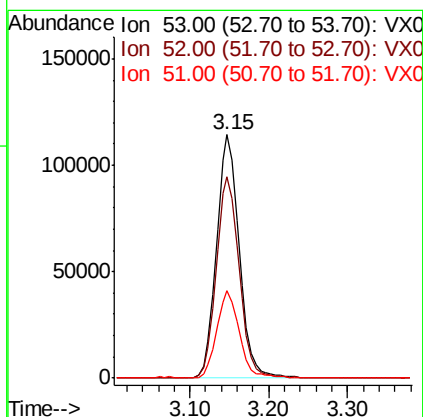
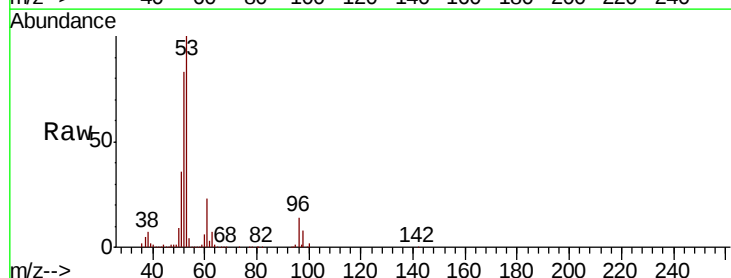
Tgt Ion: 53 Resp: 229646

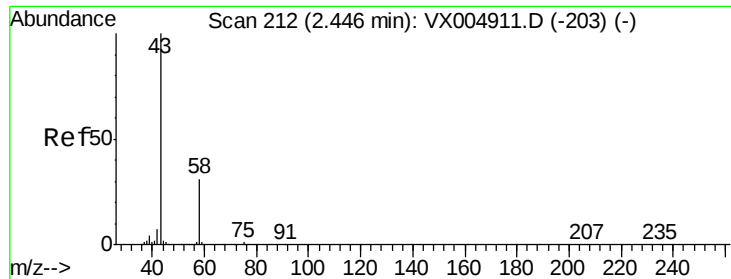
Ion Ratio Lower Upper

53 100

52 83.2 41.5 124.6

51 35.7 18.0 54.0





#15

Acetone

Concen: 87.693 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX1002WBS01

Tot Ion: 58 Resp: 69876

Ion Ratio Lower Upper

58 100

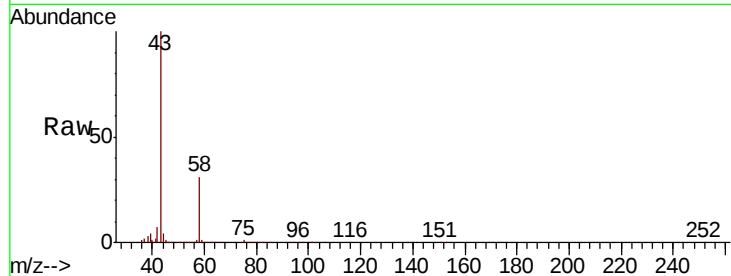
43 323.0 258.6 388.0

Manual Integrations

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

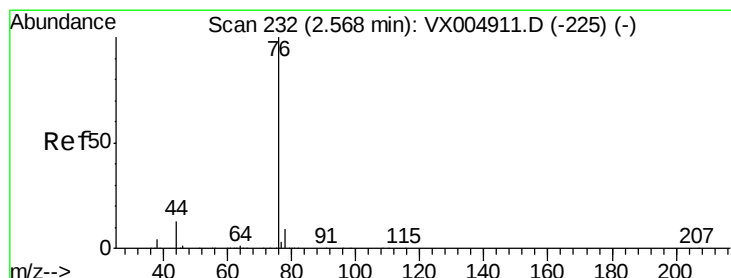
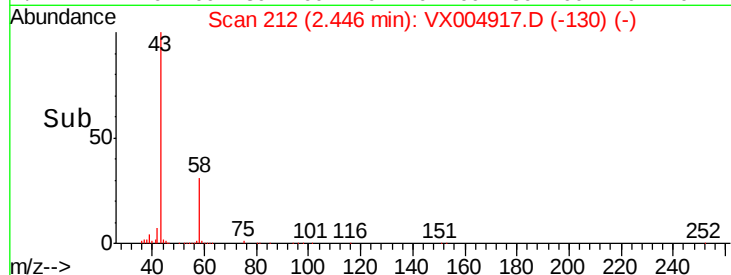
100000

50000

0

2.40 2.45 2.50

Time-->



#16

Carbon Disulfide

Concen: 19.528 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004917.D

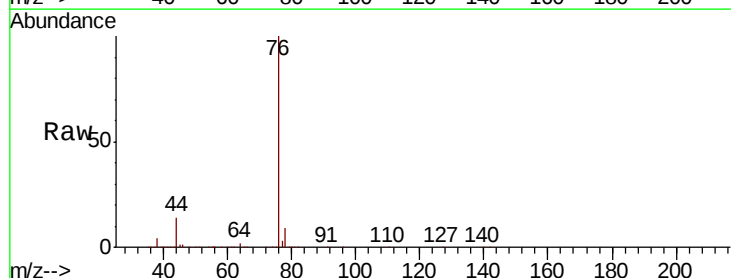
Acq: 02 Oct 2018 13:45

Tgt Ion: 76 Resp: 165680

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

100000

80000

60000

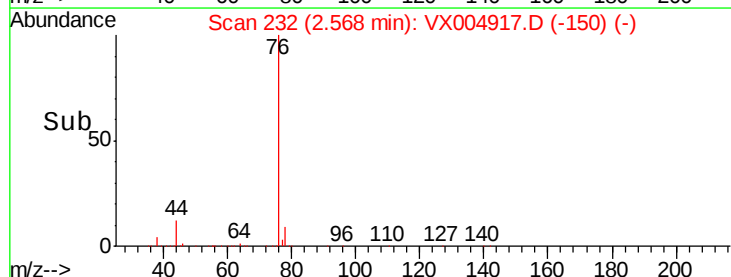
40000

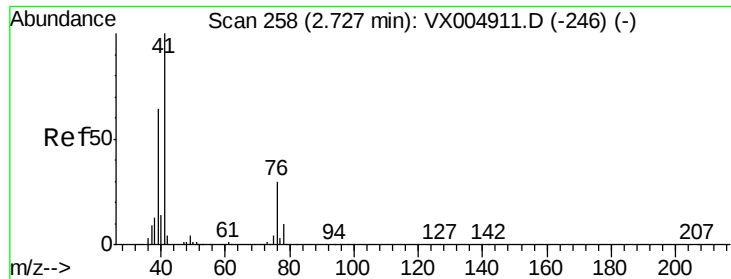
20000

0

2.50 2.55 2.60 2.65

Time-->





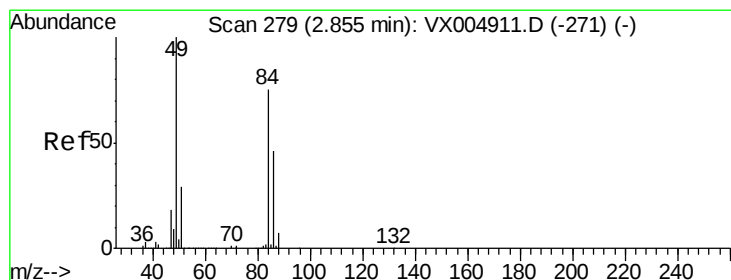
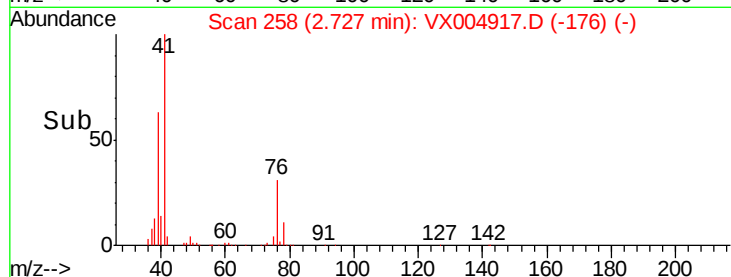
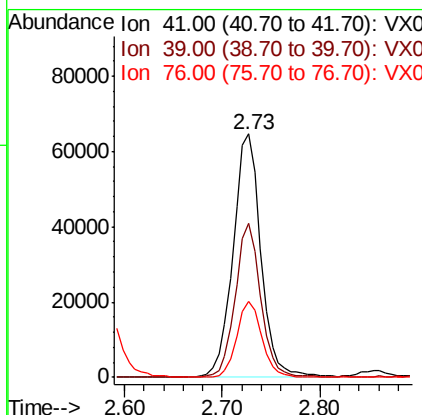
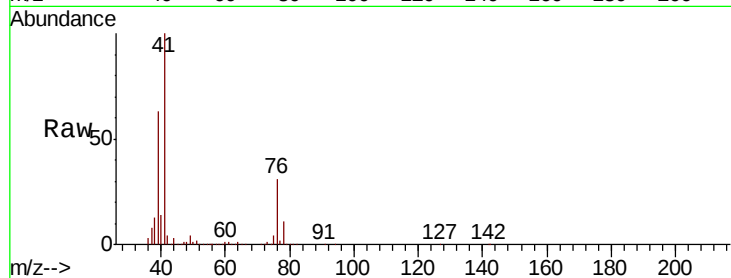
#17  
Allvl chloride  
Concen: 19.740 ug/l  
RT: 2.73 min Scan# 258  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 63.3  | 31.8  | 95.4  |
| 76      | 31.2  | 15.3  | 45.8  |

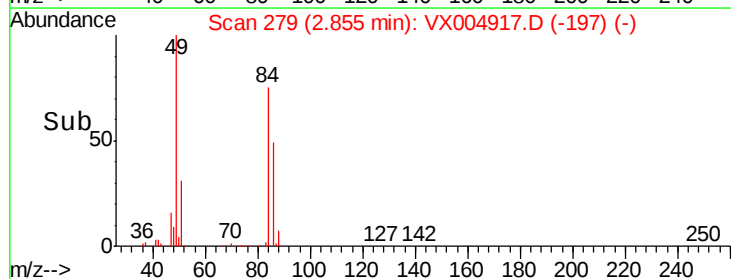
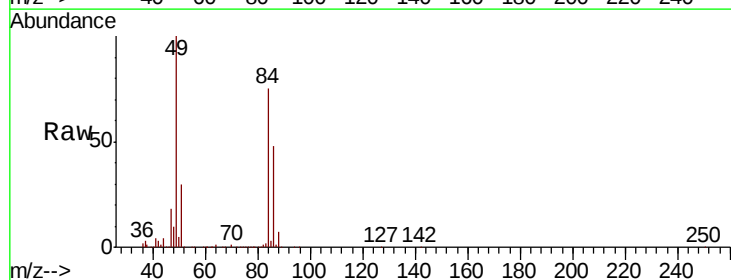
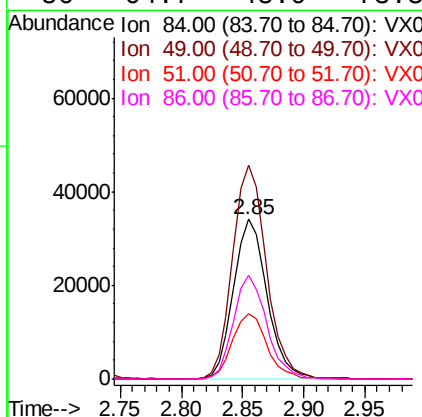
Manual Integrations  
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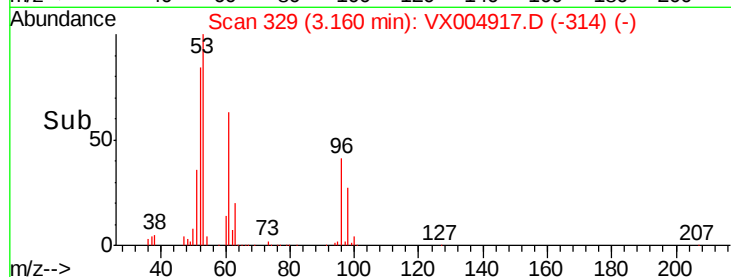
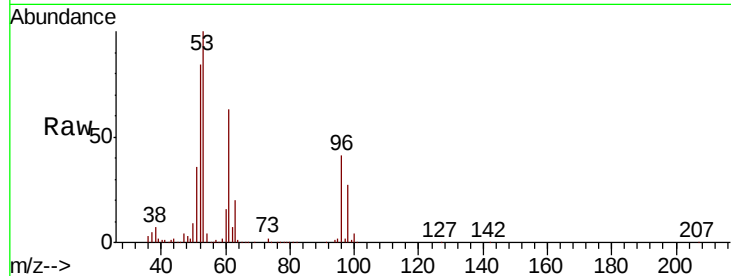
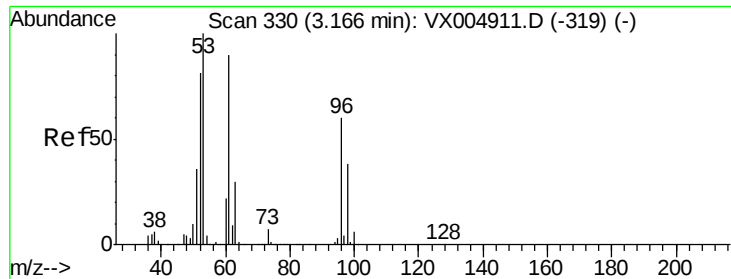
MMDadoda  
10/3/2018 4:23:28 PM



#18  
Methylene Chloride  
Concen: 19.371 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 133.4 | 106.2 | 159.4 |
| 51      | 40.4  | 31.3  | 46.9  |
| 86      | 64.7  | 48.9  | 73.3  |





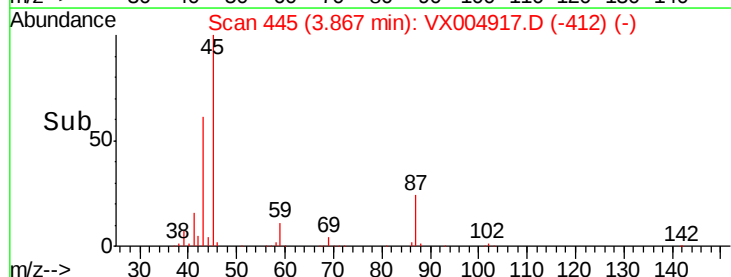
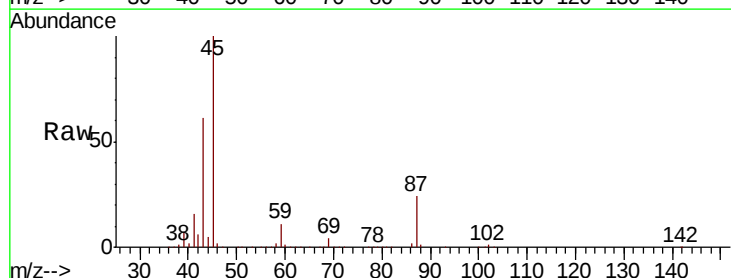
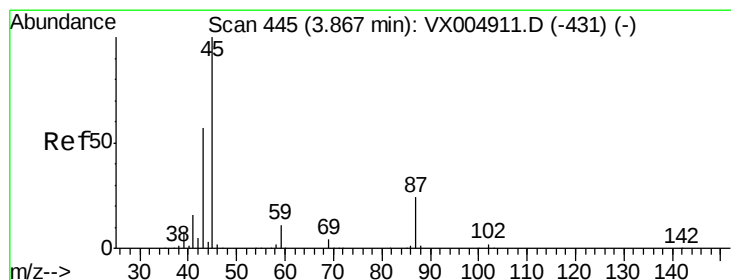
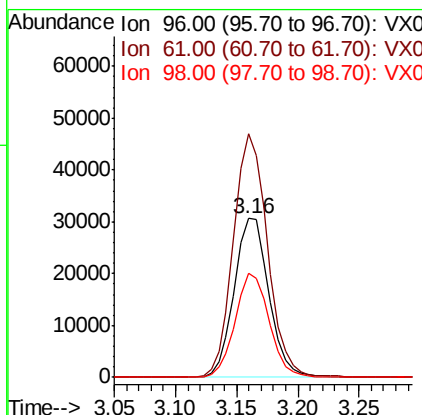
#19  
trans-1,2-Dichloroethene  
Concen: 19.606 ug/l  
RT: 3.16 min Scan# 329  
Delta R.T. -0.01 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 153.7 | 119.5 | 179.3 |
| 98      | 65.9  | 50.6  | 75.8  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

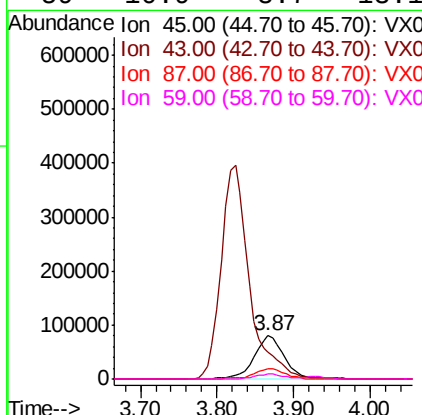
Manual Integrations  
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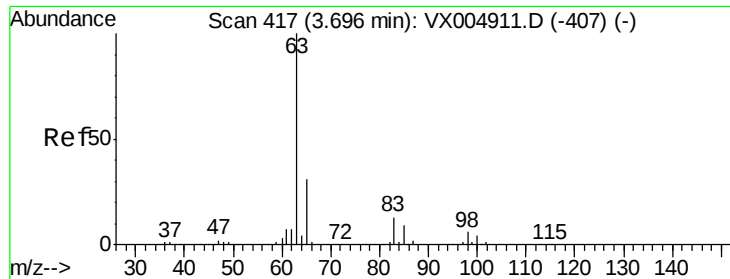
MMDadoda  
10/3/2018 4:23:28 PM



#20  
Diisopropyl ether  
Concen: 19.925 ug/l  
RT: 3.87 min Scan# 445  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 61.2  | 49.8  | 74.8  |
| 87      | 23.9  | 19.1  | 28.7  |
| 59      | 10.9  | 8.7   | 13.1  |





#21

1,1-Dichloroethane

Concen: 19.856 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

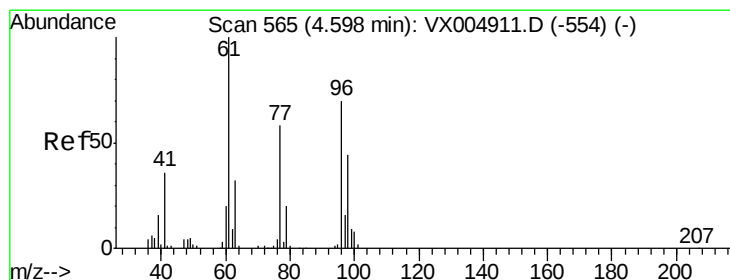
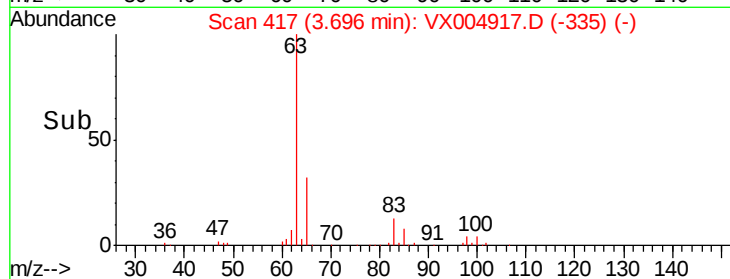
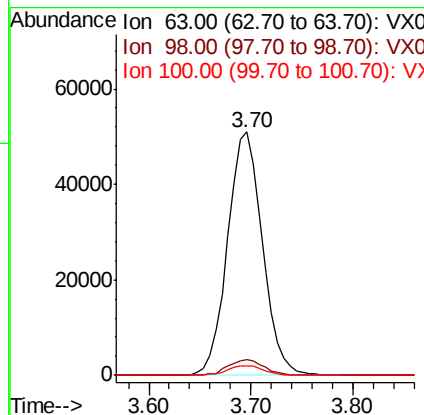
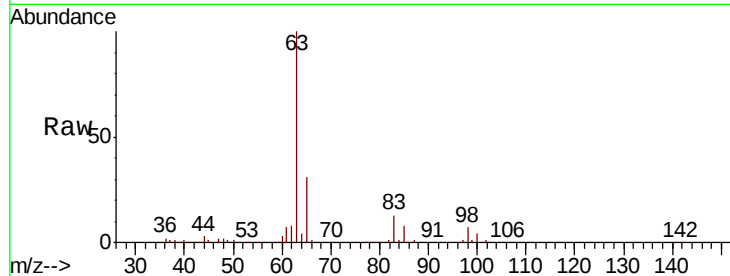
ClientSampleId :

VX1002WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 63    | Resp: | 119988 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 98        | 6.6   | 3.2   | 9.6    |
| 100       | 4.0   | 2.1   | 6.5    |

Manual Integrations  
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10/3/2018 4:23:28 PM



#22

cis-1,2-Dichloroethene

Concen: 19.109 ug/l

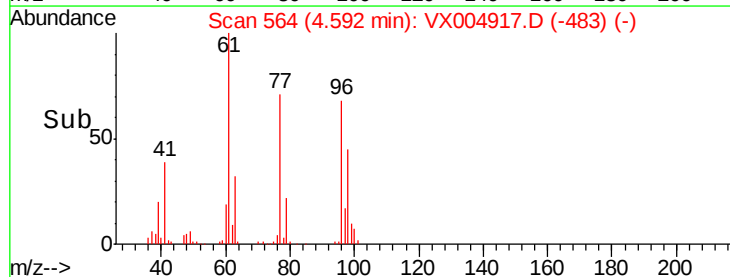
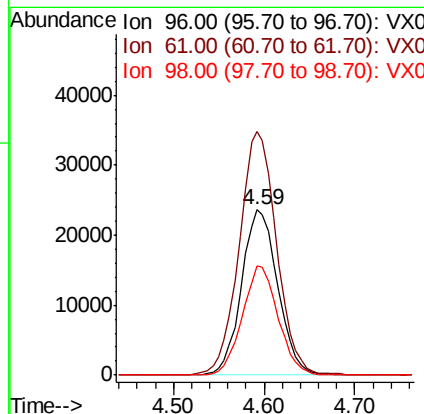
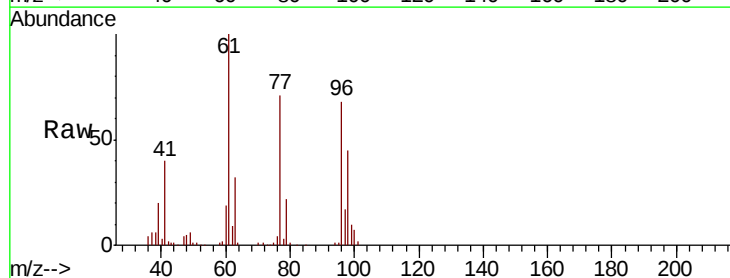
RT: 4.59 min Scan# 564

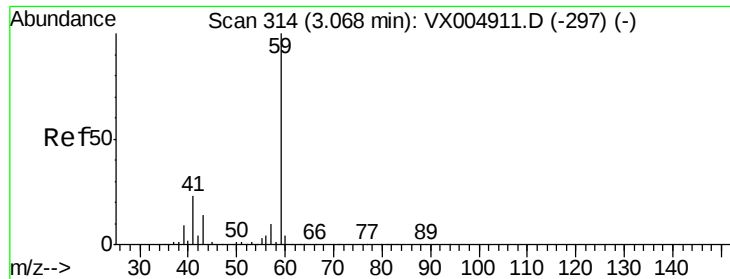
Delta R.T. -0.01 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 65328 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 151.8 | 123.3 | 184.9 |
| 98        | 65.2  | 51.4  | 77.0  |





#23

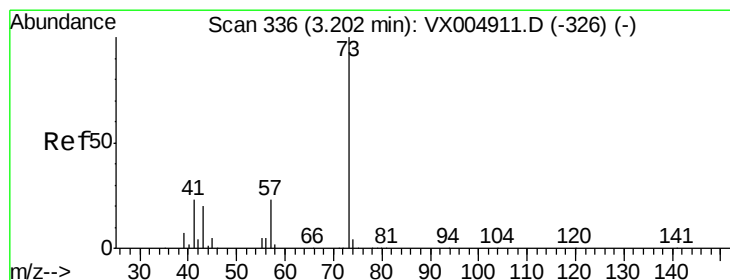
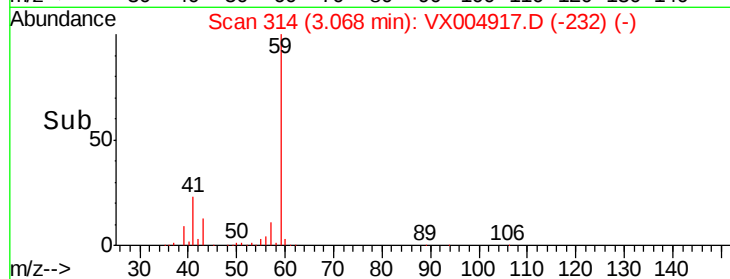
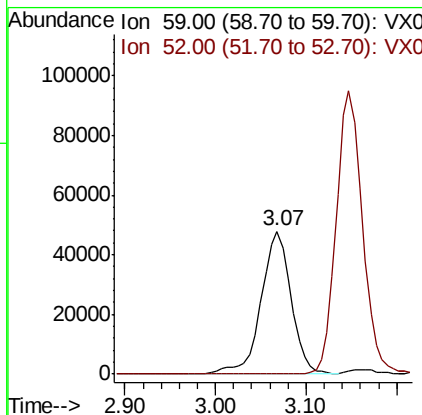
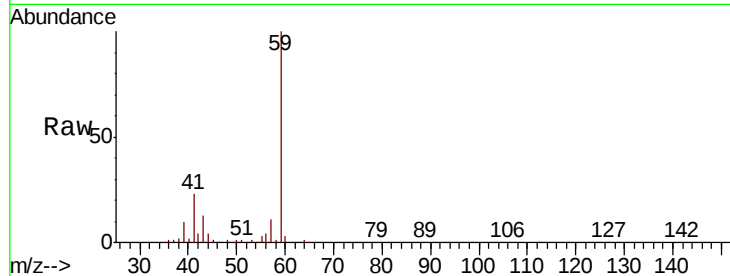
tert-Butyl Alcohol  
Concen: 100.055 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampled :  
VX1002WBS01

Tot Ion: 59 Resp: 110087  
Ion Ratio Lower Upper  
59 100  
52 0.2 0.1 0.1#

Manual Integrations  
APPROVED

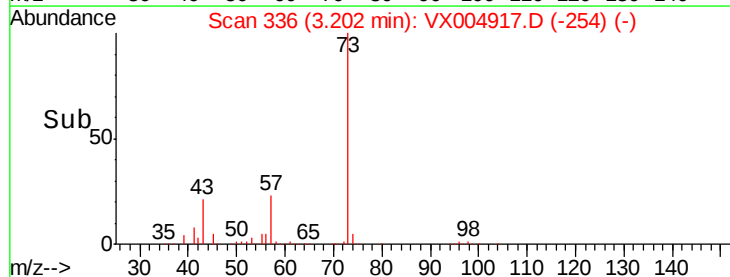
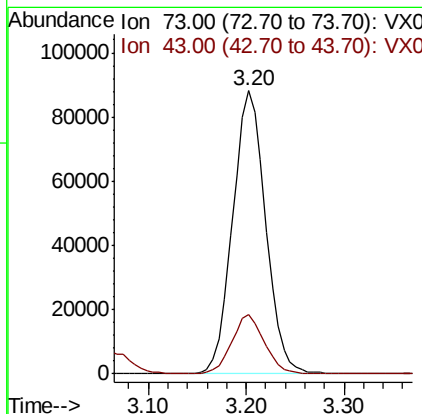
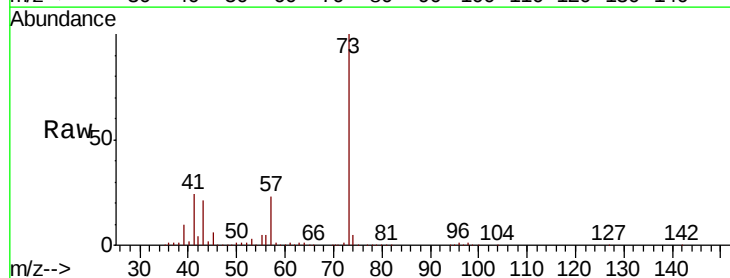
MMDadoda  
10/3/2018 4:23:28 PM

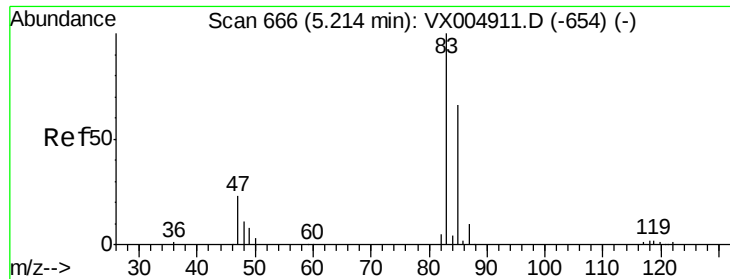


#24

Methyl tert-Butyl Ether  
Concen: 19.404 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Tgt Ion: 73 Resp: 206274  
Ion Ratio Lower Upper  
73 100  
43 20.2 16.3 24.5





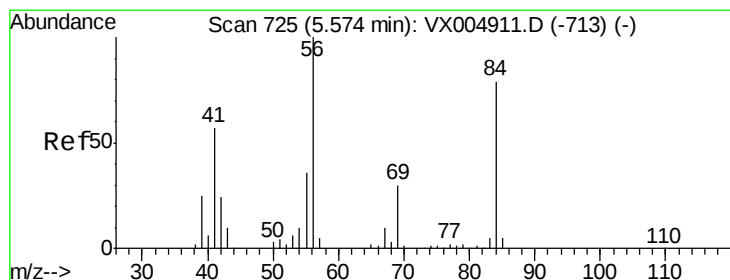
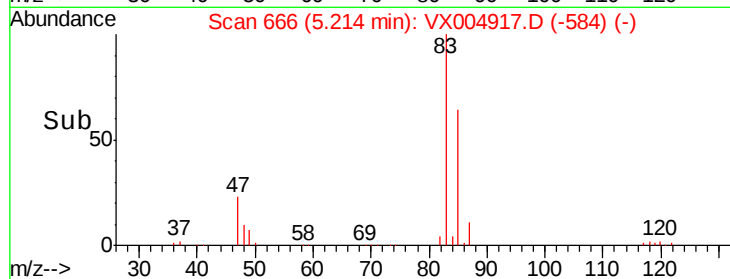
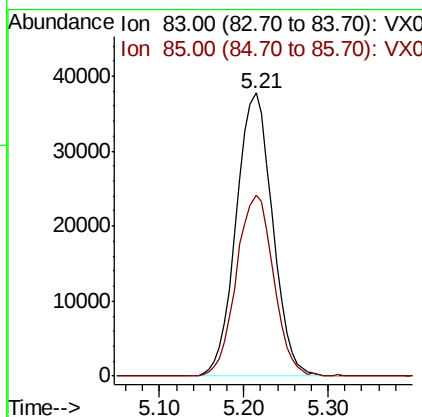
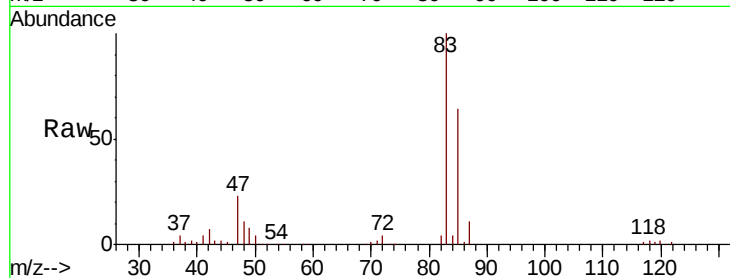
#25  
Chloroform  
Concen: 19.390 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

Tot Ion: 83 Resp: 110276  
Ion Ratio Lower Upper  
83 100  
85 63.9 53.1 79.7

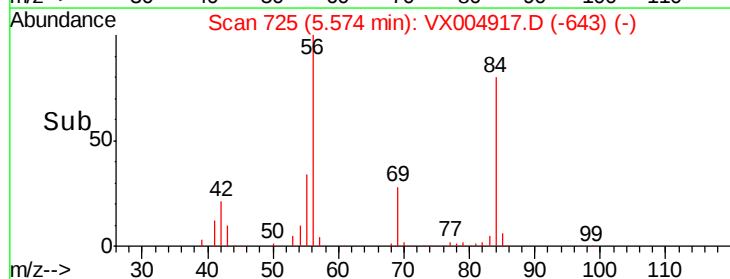
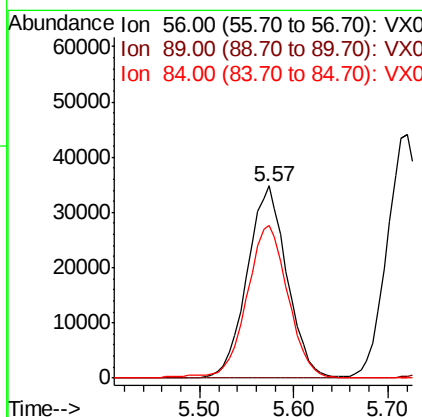
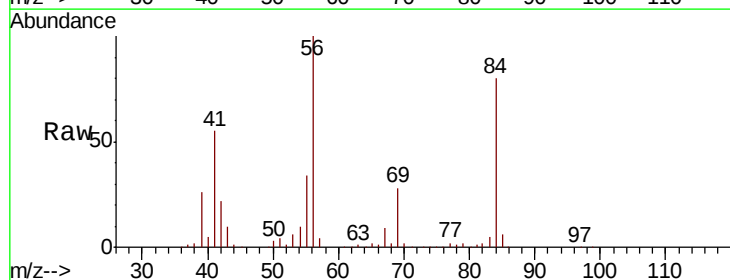
Manual Integrations  
APPROVED

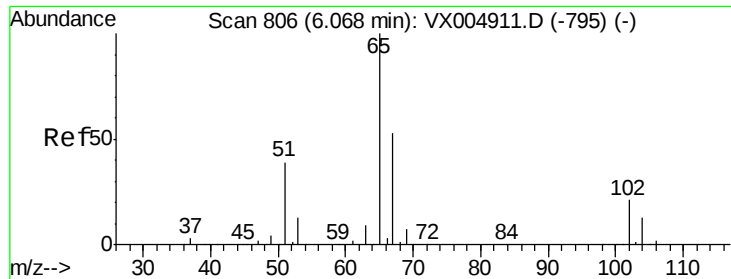
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#26  
Cyclohexane  
Concen: 19.862 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Tgt Ion: 56 Resp: 103006  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 81.3 65.8 98.6





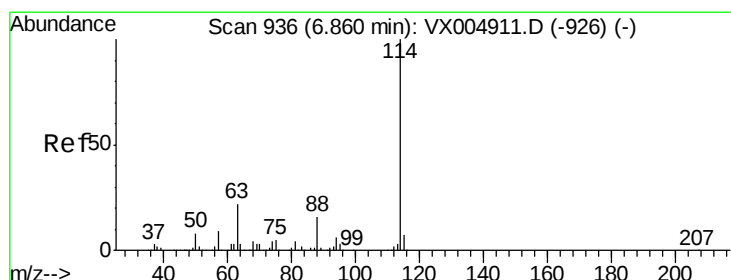
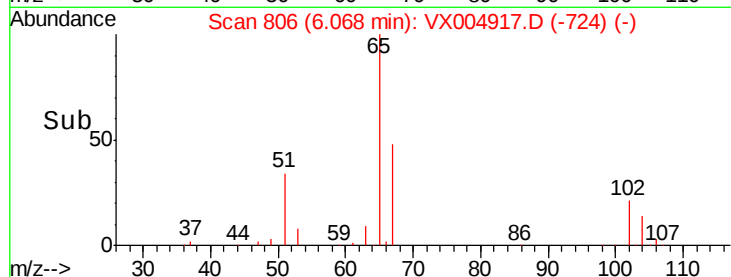
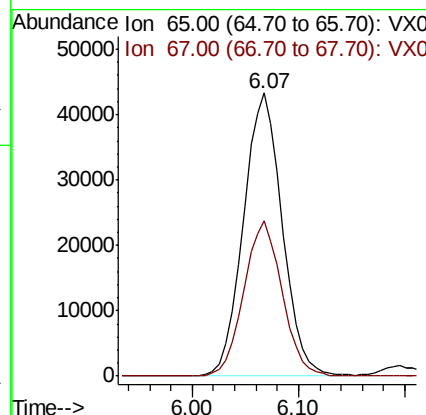
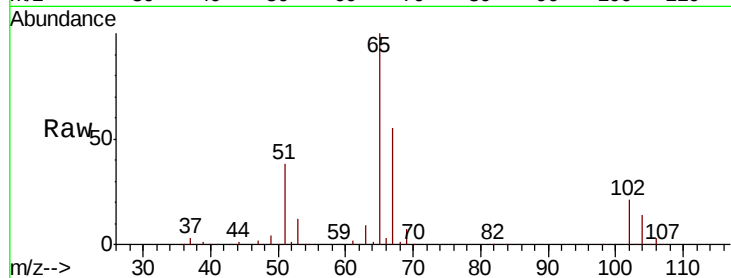
#27  
 1,2-Dichloroethane-d4  
 Concen: 28.809 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 54.3  | 43.0  | 64.6  |

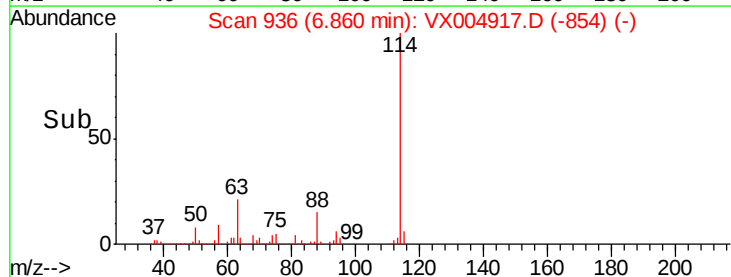
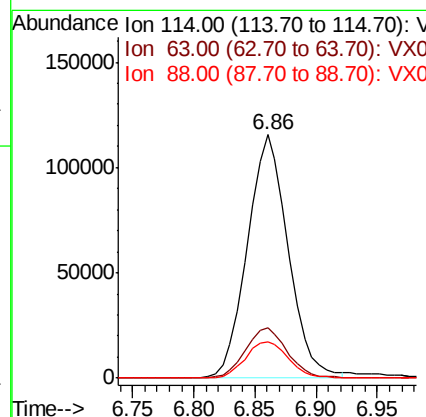
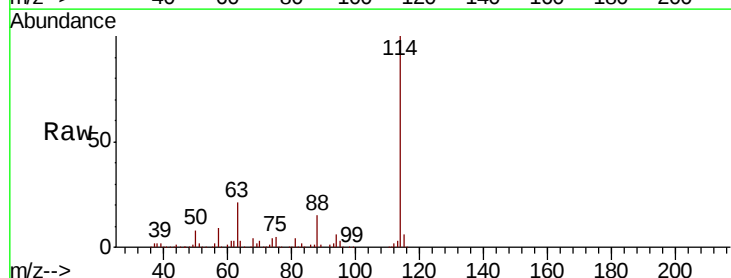
Manual Integrations  
 APPROVED

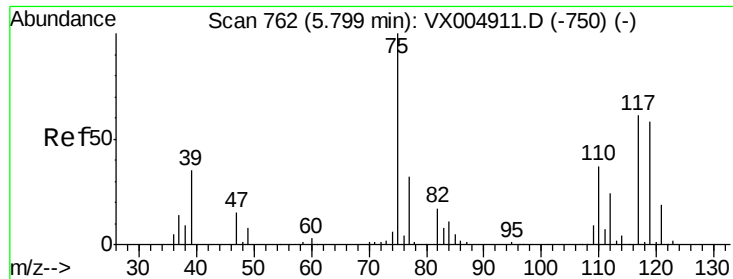
MMDadoda  
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#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 21.1  | 16.6  | 24.8  |
| 88      | 15.9  | 12.4  | 18.6  |





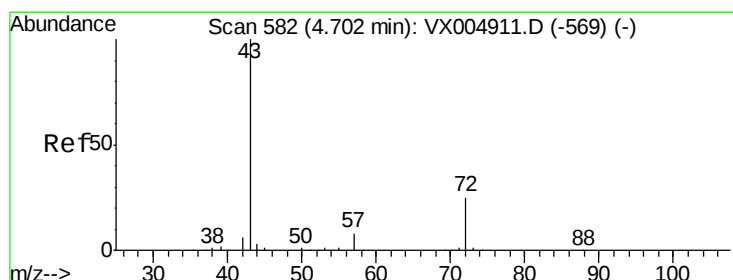
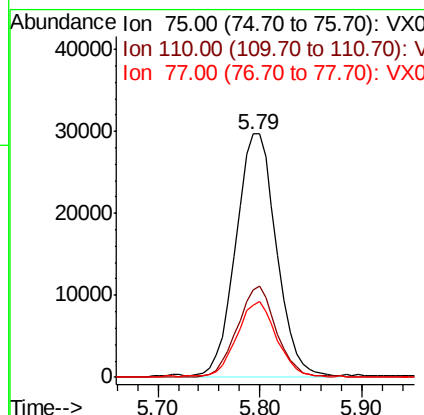
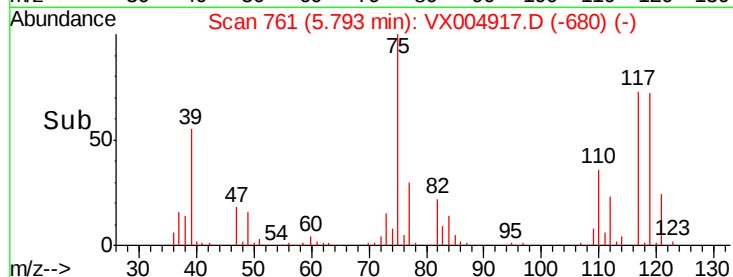
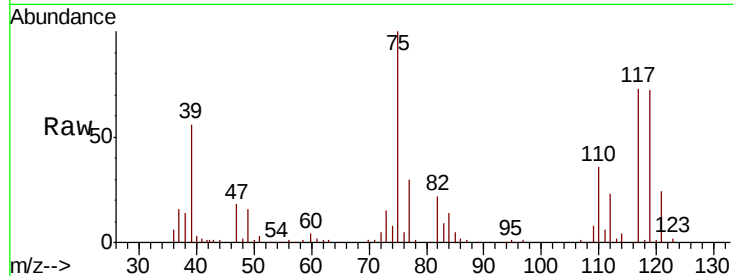
#29  
 1,1-Dichloropropene  
 Concen: 20.830 ug/l  
 RT: 5.79 min Scan# 761  
 Delta R.T. -0.01 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.6  | 0.0   | 70.8  |
| 77      | 30.3  | 0.0   | 63.0  |

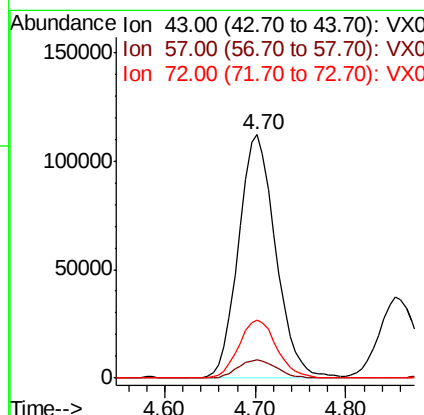
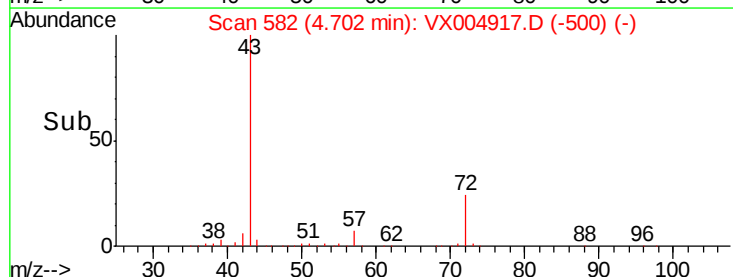
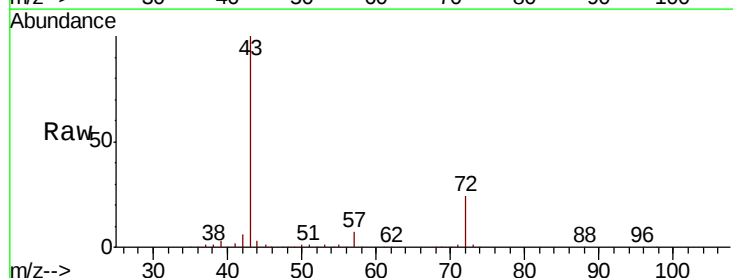
Manual Integrations  
 APPROVED

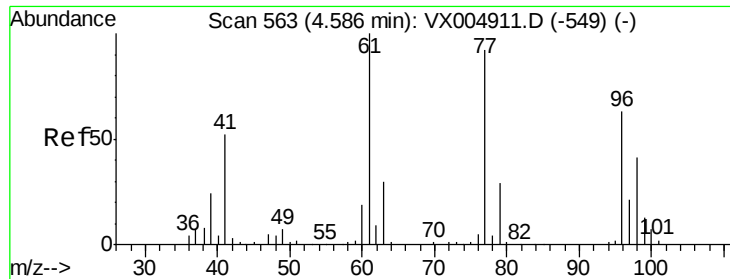
MMDadoda  
 10/3/2018 4:23:28 PM



#30  
 2-Butanone  
 Concen: 98.155 ug/l  
 RT: 4.70 min Scan# 582  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 57      | 7.7   | 6.2   | 9.4   |
| 72      | 24.3  | 19.7  | 29.5  |





#31

2,2-Dichloropropane

Concen: 20.289 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX1002WBS01

Tot Ion: 77 Resp: 88307

Ion Ratio Lower Upper

77 100

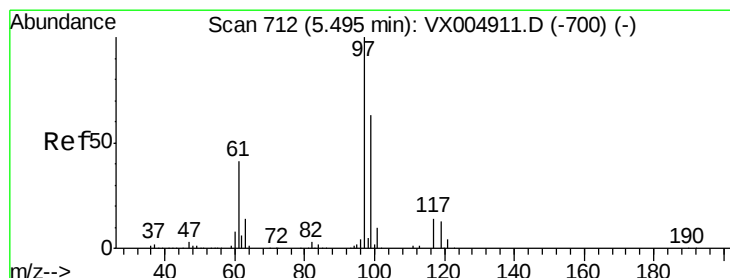
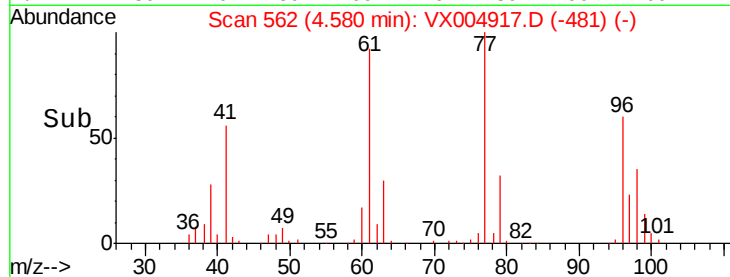
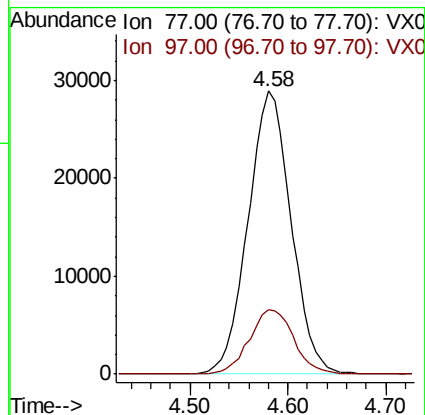
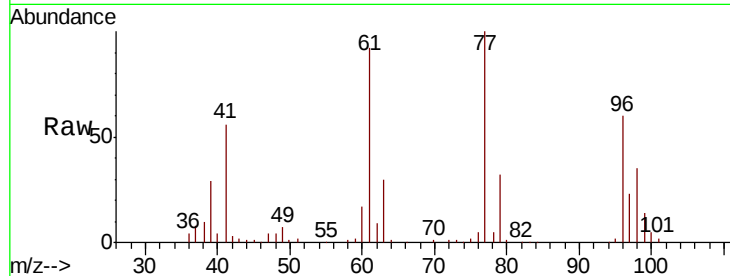
97 23.3 18.5 27.7

Manual Integrations

APPROVED

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#32

1,1,1-Trichloroethane

Concen: 20.525 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

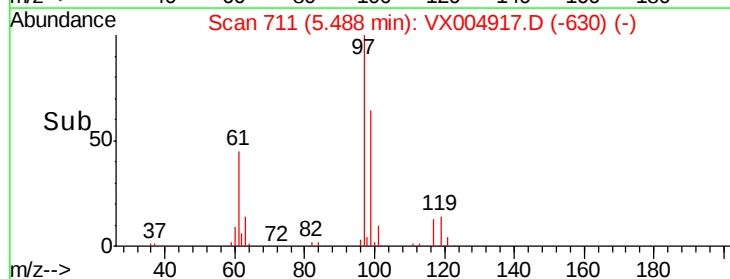
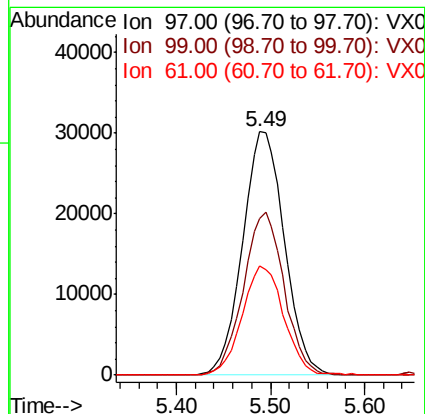
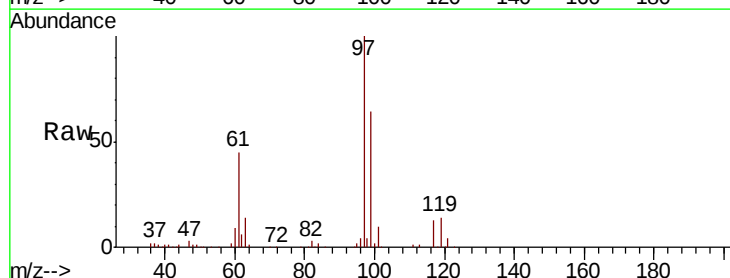
Tgt Ion: 97 Resp: 93599

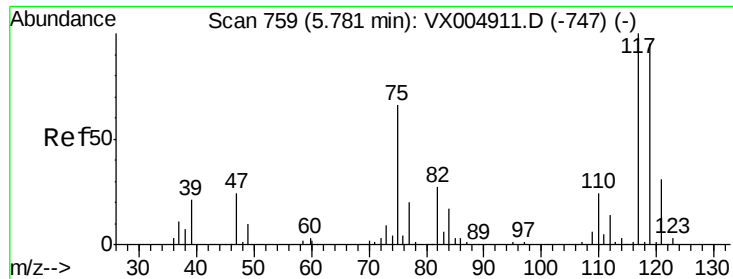
Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.6

61 44.4 35.8 53.6





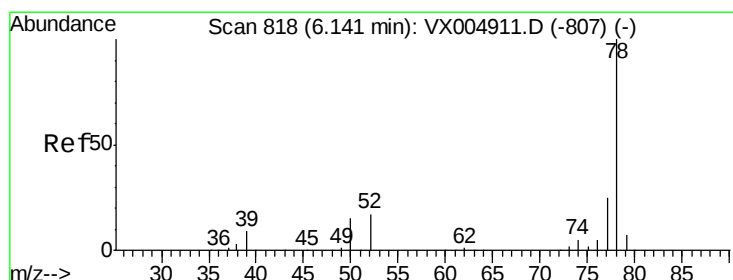
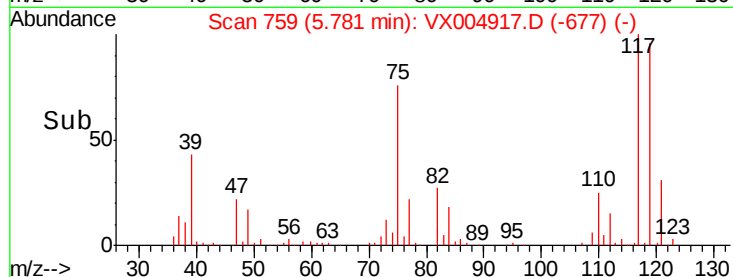
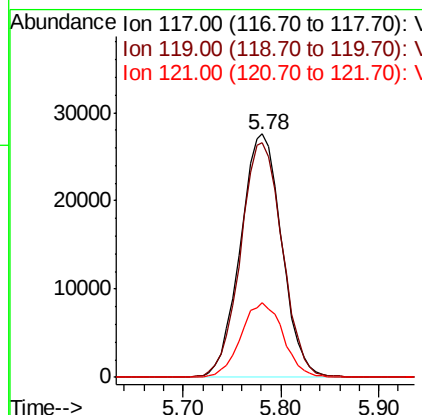
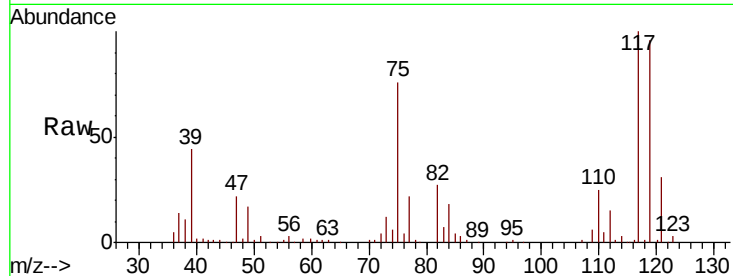
#33  
Carbon Tetrachloride  
Concen: 20.276 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.3  | 76.2  | 114.4 |
| 121     | 30.8  | 25.2  | 37.8  |

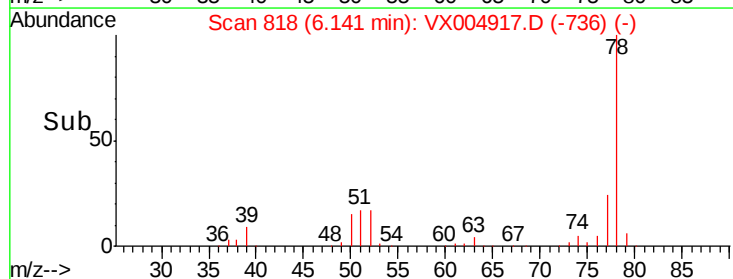
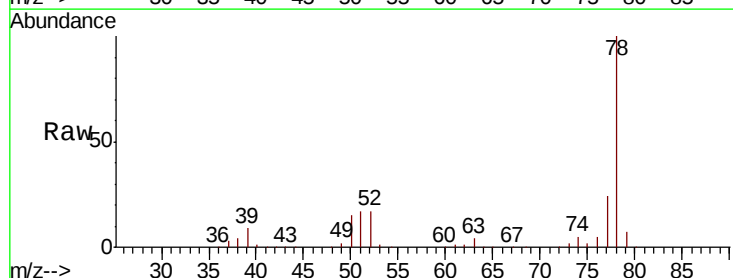
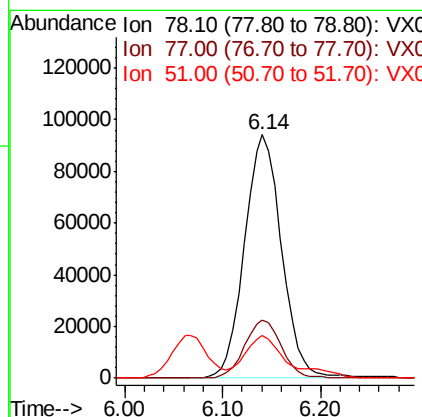
Manual Integrations  
APPROVED

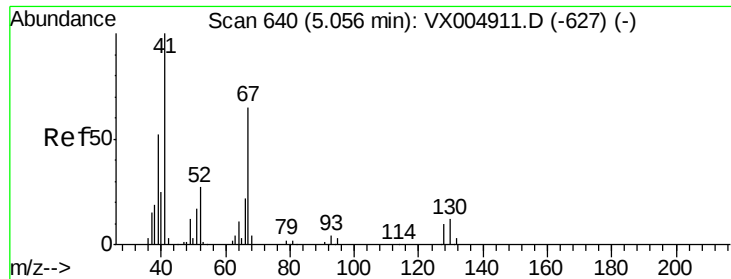
MMDadoda  
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#34  
Benzene  
Concen: 20.538 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.0  | 19.8  | 29.8  |
| 51      | 15.8  | 13.8  | 20.6  |





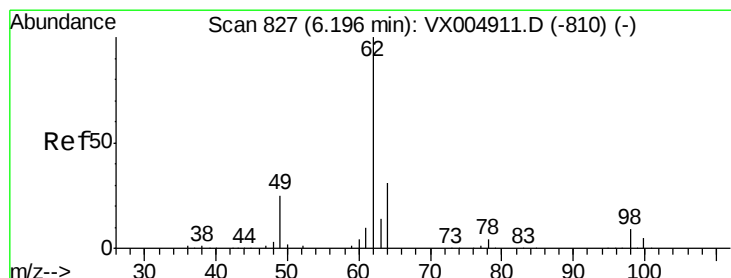
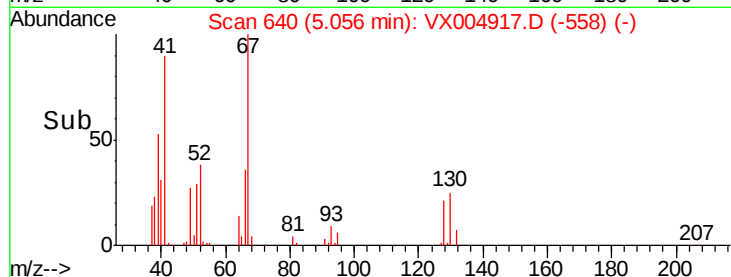
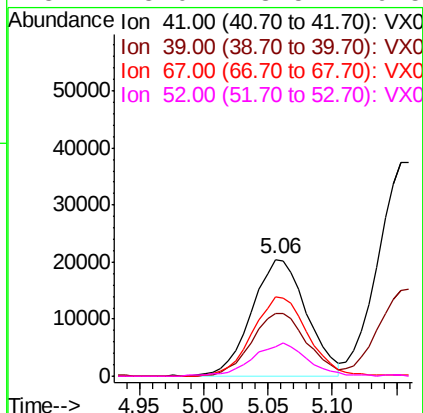
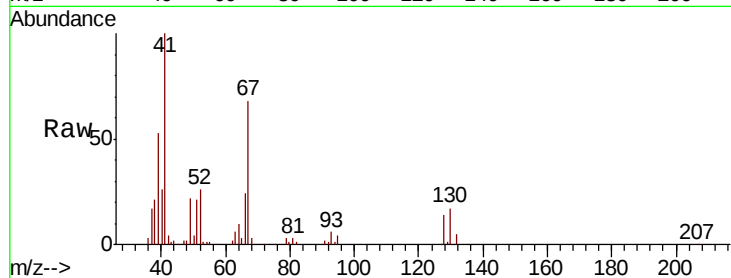
#35  
Methacrylonitrile  
Concen: 20.159 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.1 | 26.1  | 78.3  |       |
| 67      | 67.6 | 32.3  | 96.9  |       |
| 52      | 25.0 | 13.5  | 40.5  |       |

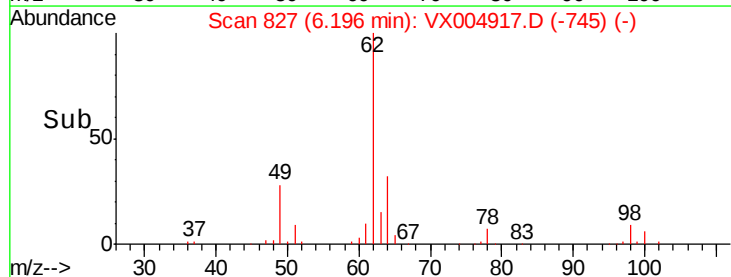
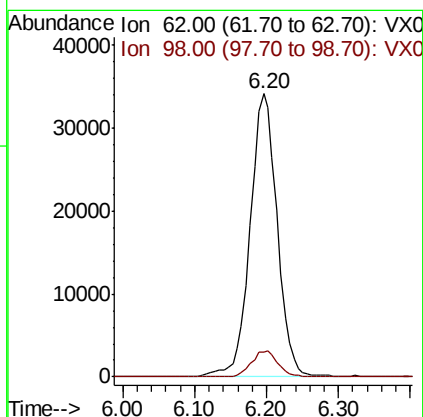
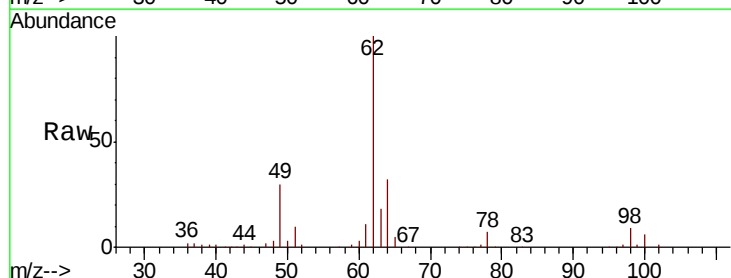
Manual Integrations  
APPROVED

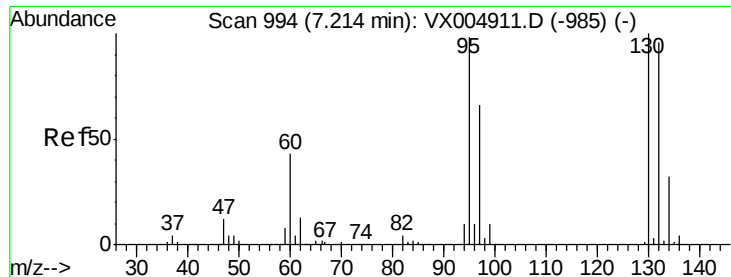
MMDadoda  
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#36  
1,2-Dichloroethane  
Concen: 20.594 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.1 | 7.5   | 11.3  |       |





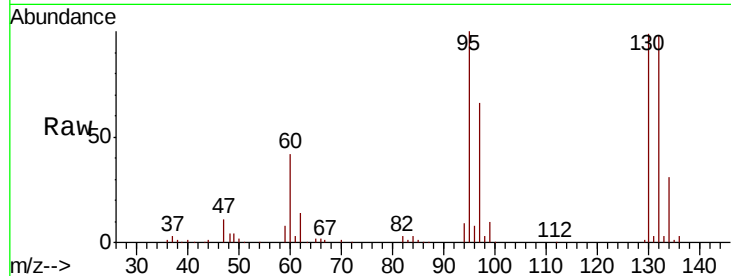
#37  
 Trichloroethene  
 Concen: 20.667 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1002WBS01

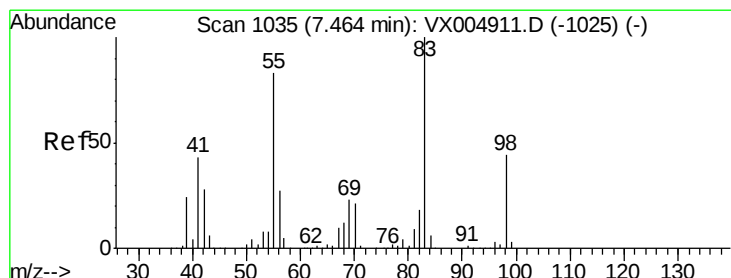
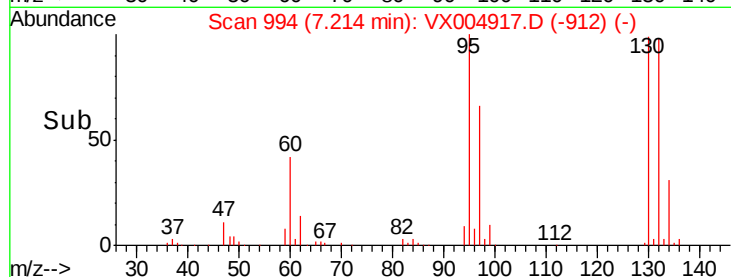
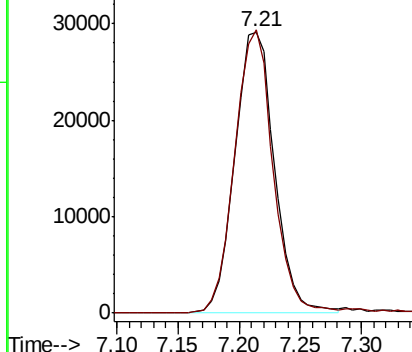
Tot Ion:130 Resp: 65534  
 Ion Ratio Lower Upper  
 130 100  
 95 100.6 78.5 117.7

Manual Integrations  
 APPROVED

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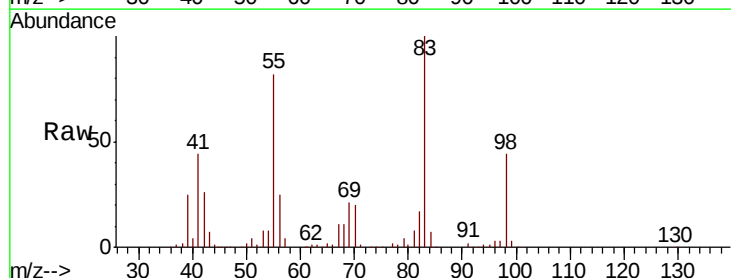


Abundance Ion 129.90 (129.60 to 130.60): V  
 Ion 94.90 (94.60 to 95.60): VX0

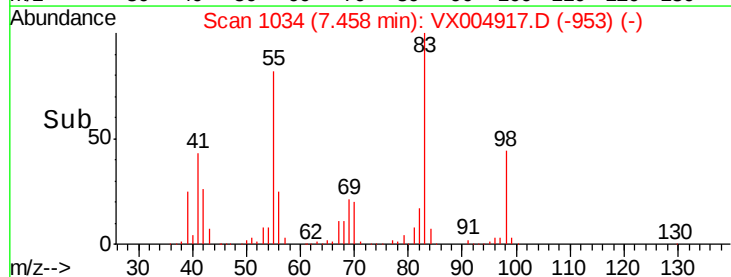
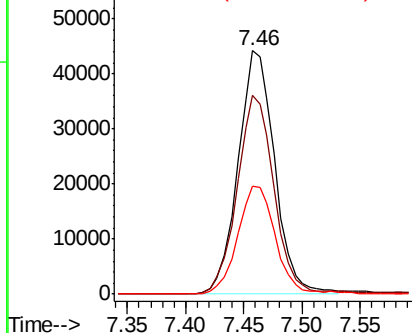


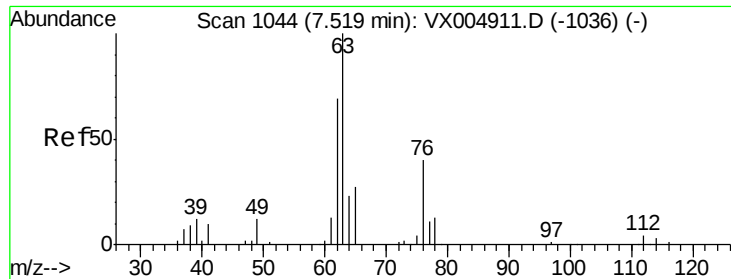
#38  
 Methylcyclohexane  
 Concen: 20.553 ug/l  
 RT: 7.46 min Scan# 1034  
 Delta R.T. -0.01 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

Tgt Ion: 83 Resp: 96801  
 Ion Ratio Lower Upper  
 83 100  
 55 83.7 41.8 125.3  
 98 45.4 22.4 67.3



Abundance Ion 83.00 (82.70 to 83.70): VX0  
 Ion 55.00 (54.70 to 55.70): VX0  
 Ion 98.00 (97.70 to 98.70): VX0





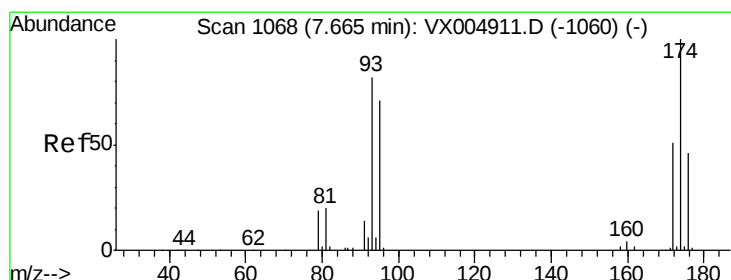
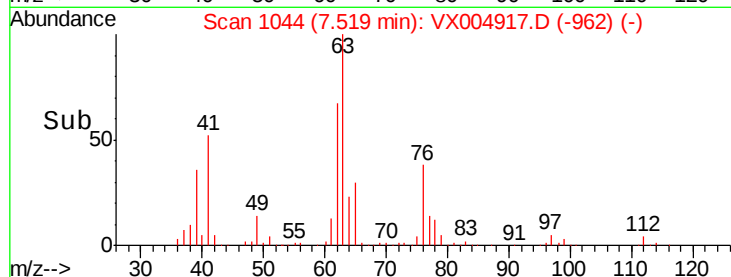
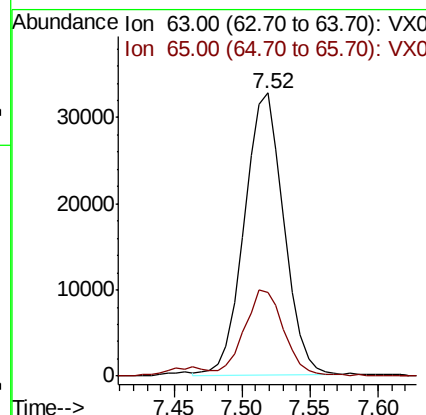
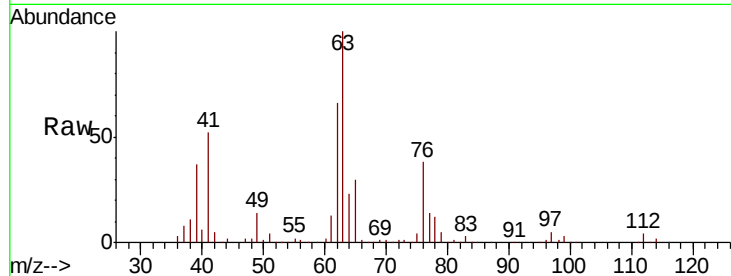
#39  
 1,2-Dichloropropane  
 Concen: 20.672 ug/l  
 RT: 7.52 min Scan# 1044  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1002WBS01

Tot Ion: 63 Resp: 66307  
 Ion Ratio Lower Upper  
 63 100  
 65 29.3 23.2 34.8

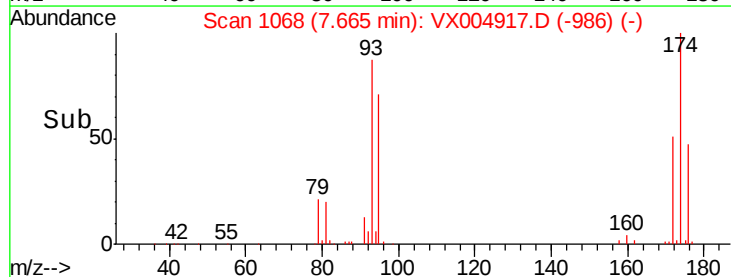
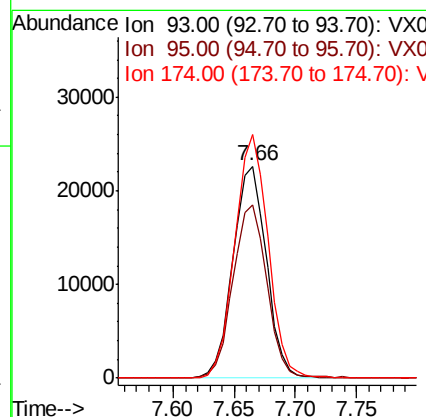
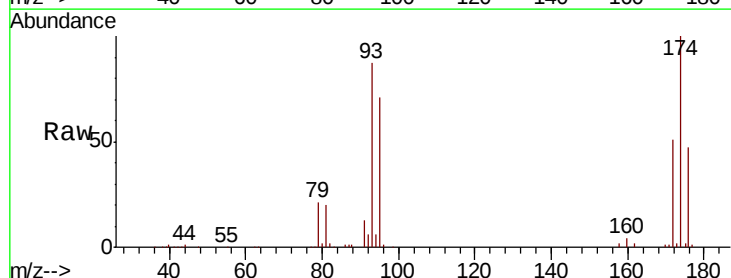
Manual Integrations  
 APPROVED

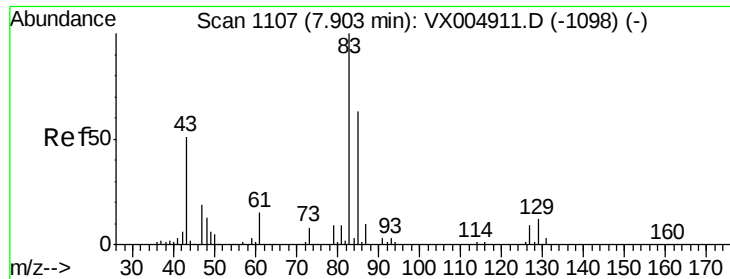
MMDadoda  
 10/3/2018 4:23:28 PM



#40  
 Dibromomethane  
 Concen: 20.644 ug/l  
 RT: 7.66 min Scan# 1068  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

Tgt Ion: 93 Resp: 42917  
 Ion Ratio Lower Upper  
 93 100  
 95 82.5 0.0 172.4  
 174 114.3 0.0 234.0





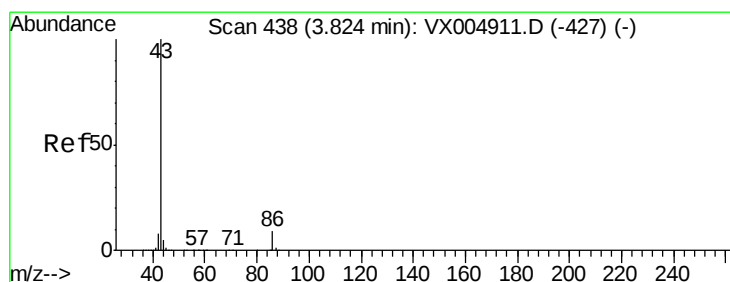
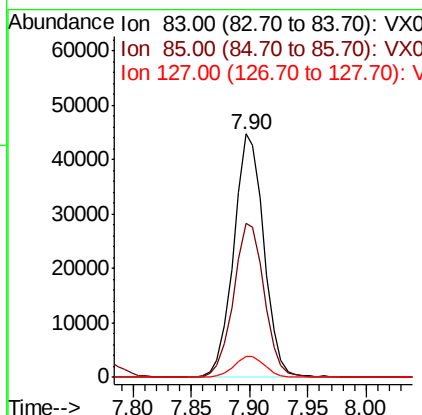
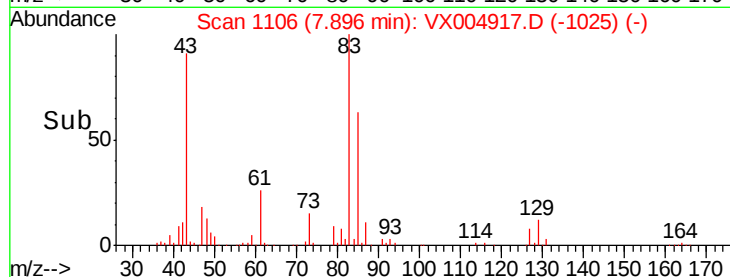
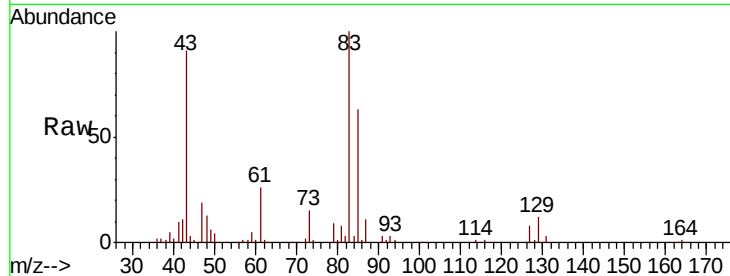
#41  
Bromodichloromethane  
Concen: 20.245 ug/l  
RT: 7.90 min Scan# 1106  
Delta R.T. -0.01 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion   | 83    | Resp  | 81136 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 63.2  | 50.2  | 75.4  |
| 127       | 8.4   | 6.9   | 10.3  |

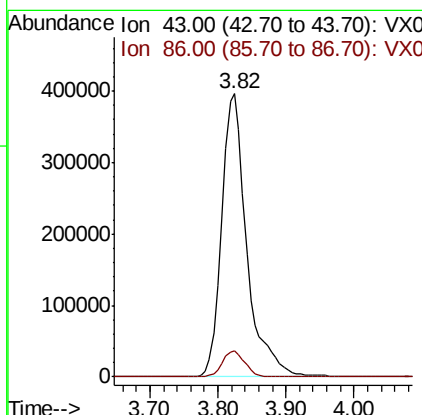
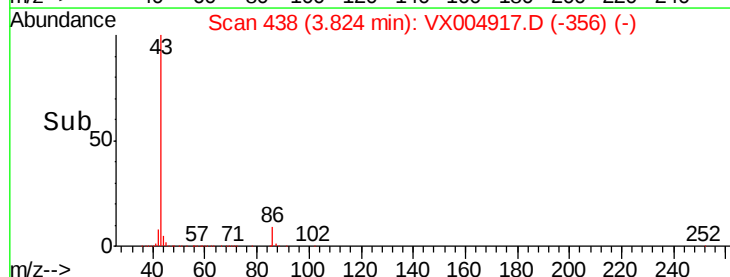
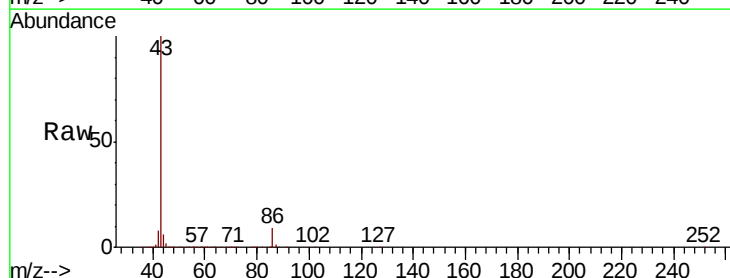
Manual Integrations  
APPROVED

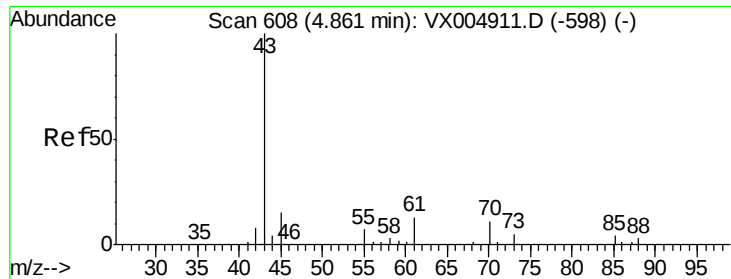
MMDadoda  
10/3/2018 4:23:28 PM



#42  
Vinyl Acetate  
Concen: 109.094 ug/l  
RT: 3.82 min Scan# 438  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion   | 43    | Resp  | 1017970 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 43        | 100   |       |         |
| 86        | 8.2   | 6.6   | 10.0    |





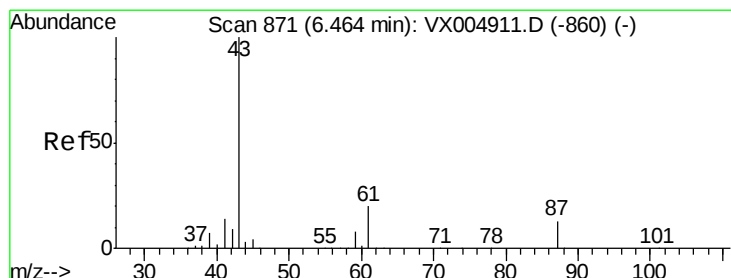
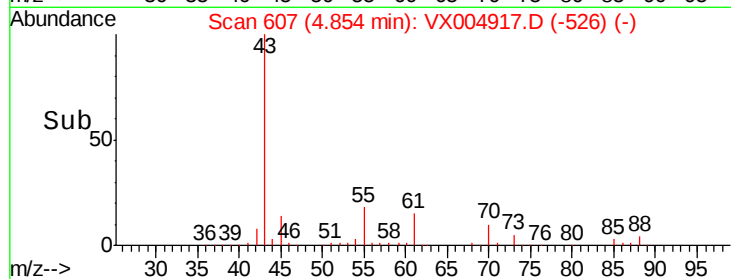
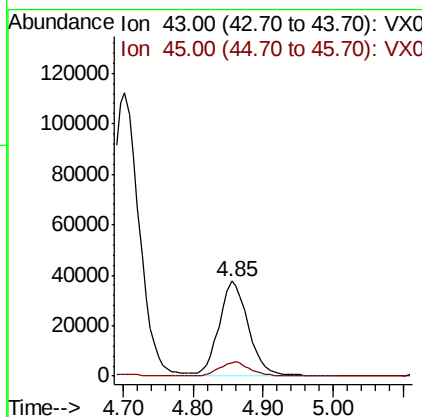
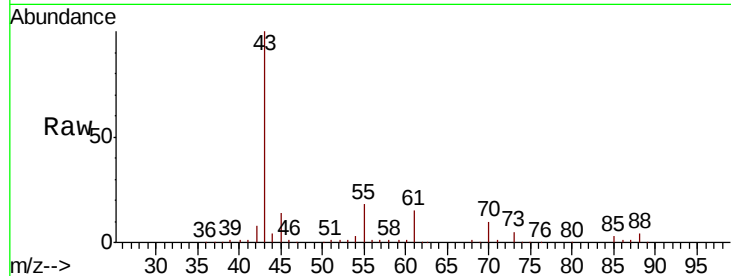
#43  
Ethyl Acetate  
Concen: 20.758 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.01 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

Tot Ion: 43 Resp: 110440  
Ion Ratio Lower Upper  
43 100  
45 14.8 12.3 18.5

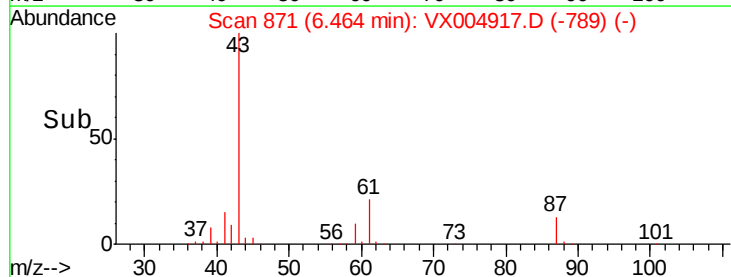
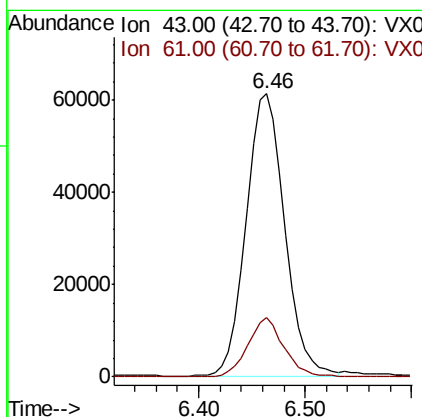
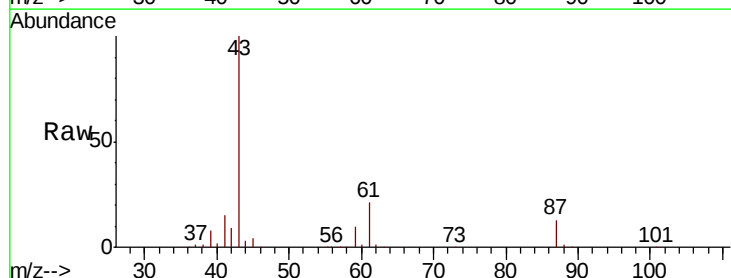
Manual Integrations  
APPROVED

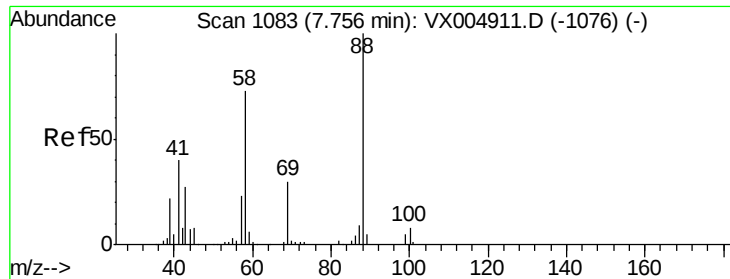
MMDadoda  
10/3/2018 4:23:28 PM



#44  
Isopropyl Acetate  
Concen: 19.609 ug/l  
RT: 6.46 min Scan# 871  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Tgt Ion: 43 Resp: 155688  
Ion Ratio Lower Upper  
43 100  
61 19.8 15.7 23.5





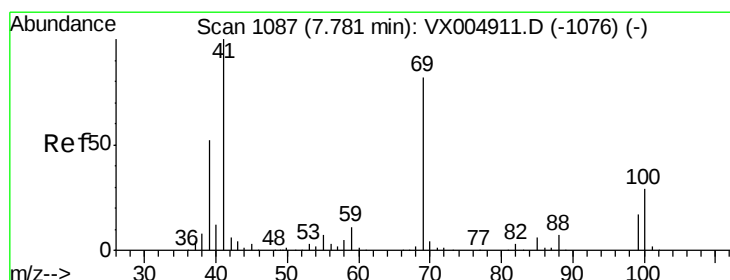
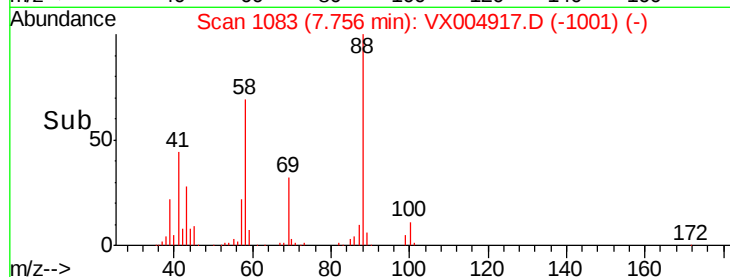
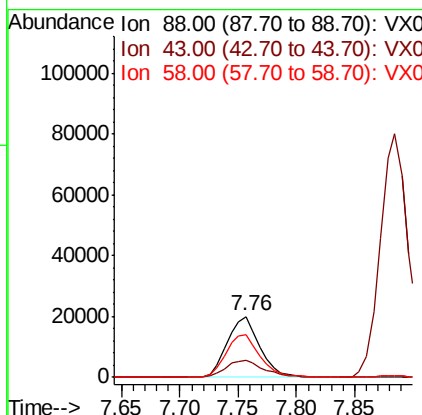
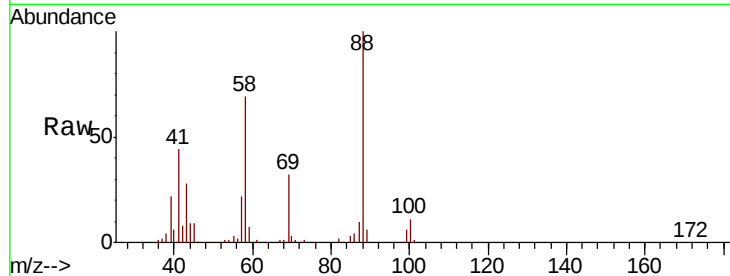
#45  
 1,4-Dioxane  
 Concen: 415.083 ug/l  
 RT: 7.76 min Scan# 1083  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 31.5  | 25.4  | 38.0  |
| 58      | 74.1  | 61.0  | 91.6  |

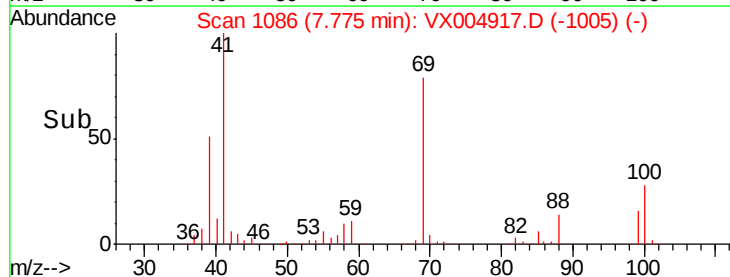
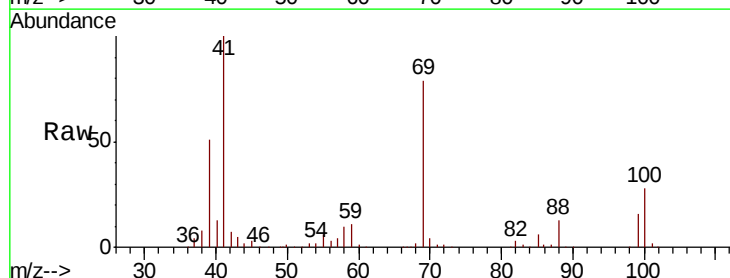
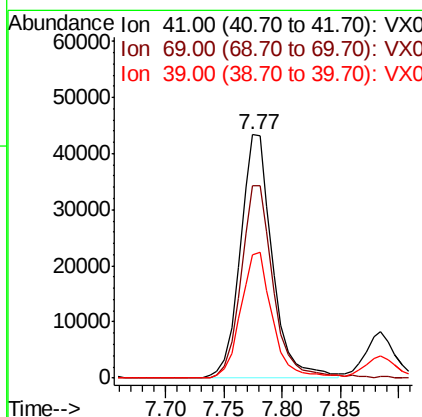
Manual Integrations  
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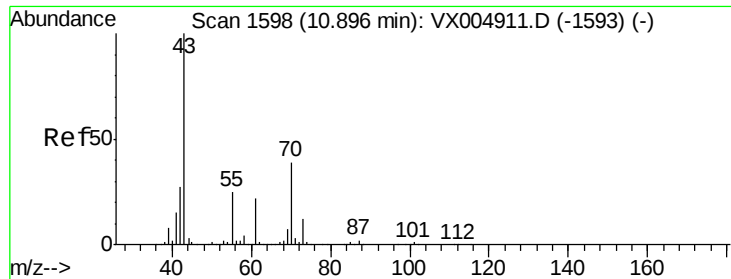
MMDadoda  
 10/3/2018 4:23:28 PM



#46  
 Methyl methacrylate  
 Concen: 20.021 ug/l  
 RT: 7.77 min Scan# 1086  
 Delta R.T. -0.01 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 79.0  | 41.0  | 123.0 |
| 39      | 50.7  | 25.9  | 77.7  |





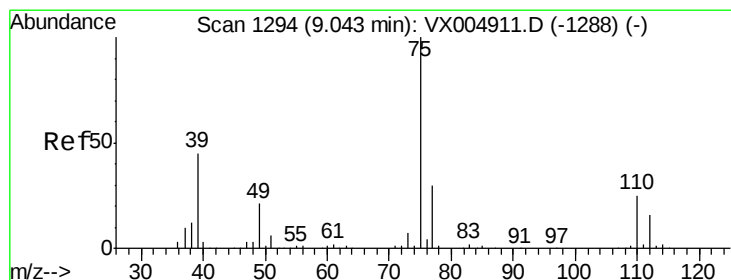
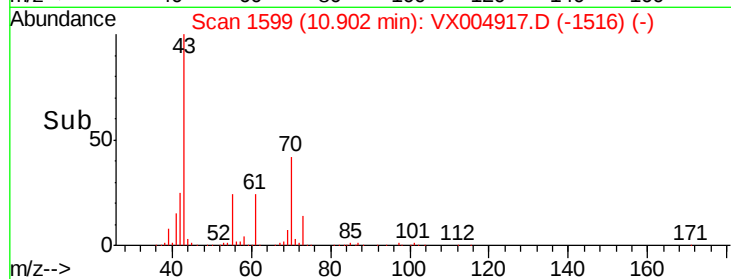
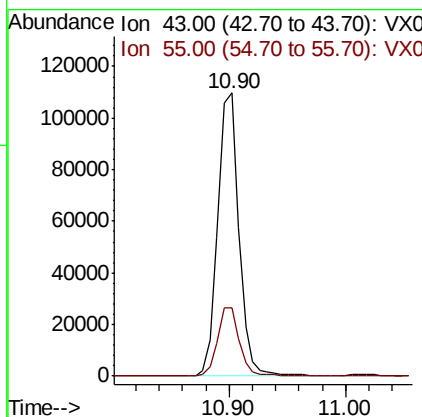
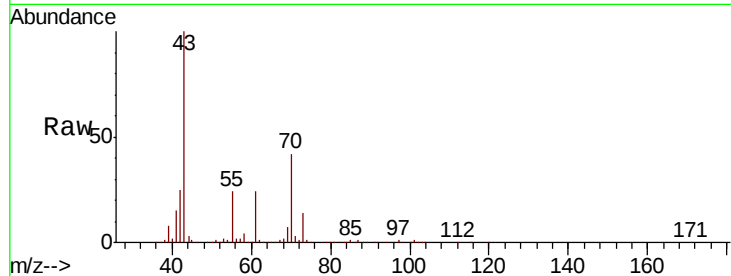
#47  
n-amvl Acetate  
Concen: 18.801 ug/l  
RT: 10.90 min Scan# 1599  
Delta R.T. 0.01 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

Tot Ion: 43 Resp: 137724  
Ion Ratio Lower Upper  
43 100  
55 24.8 20.0 30.0

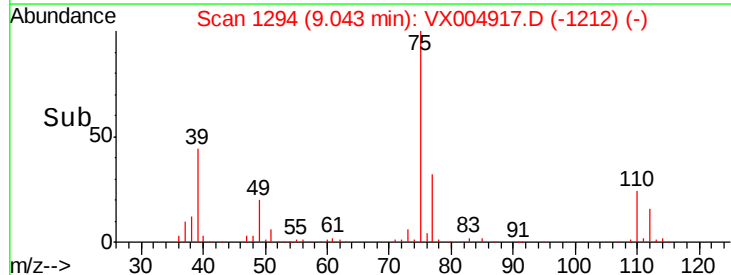
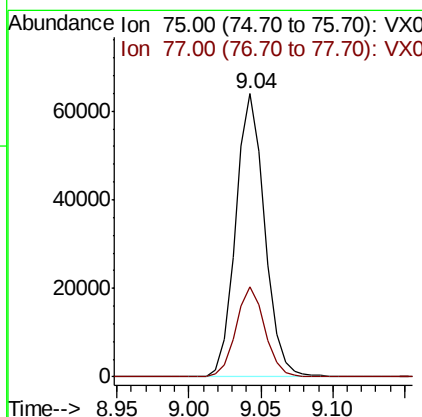
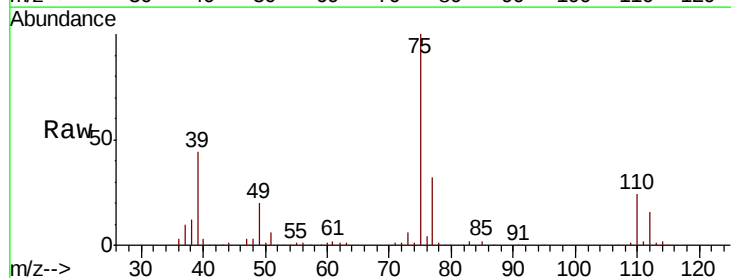
Manual Integrations  
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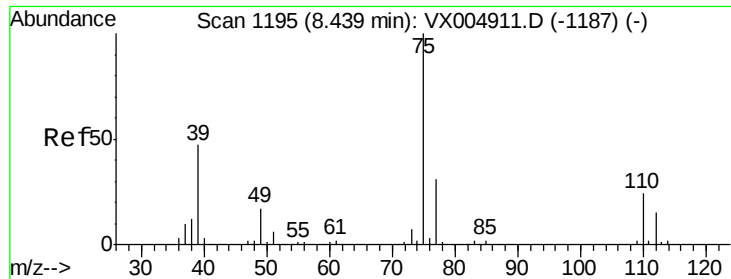
MMDadoda  
10/3/2018 4:23:28 PM



#48  
t-1,3-Dichloropropene  
Concen: 19.584 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Tgt Ion: 75 Resp: 89793  
Ion Ratio Lower Upper  
75 100  
77 31.9 24.4 36.6





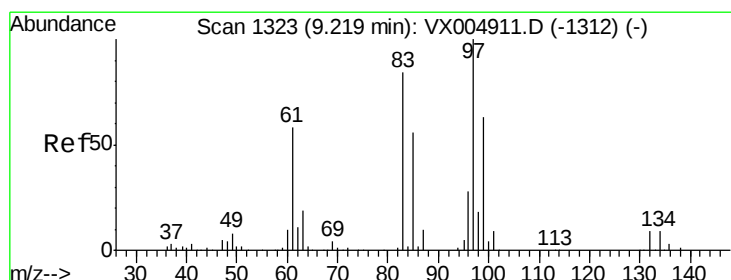
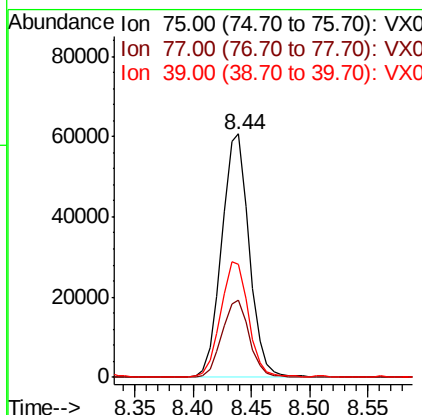
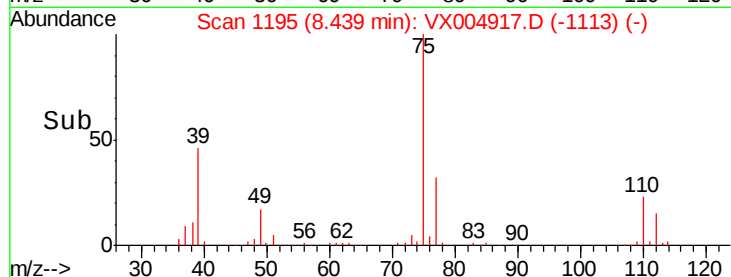
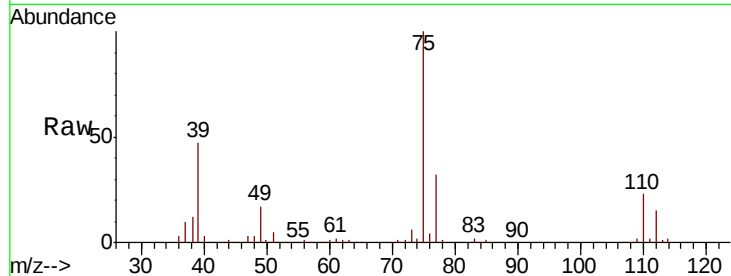
#49  
 cis-1,3-Dichloropropene  
 Concen: 19.949 ug/l  
 RT: 8.44 min Scan# 1195  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.6  | 24.9  | 37.3  |
| 39      | 46.4  | 38.0  | 57.0  |

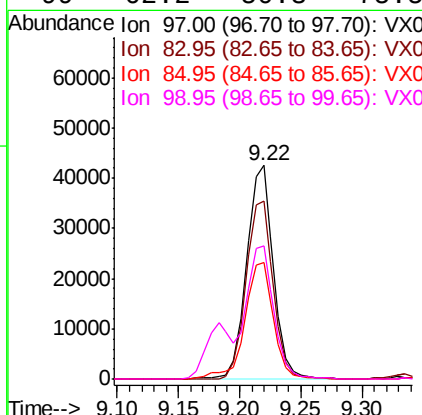
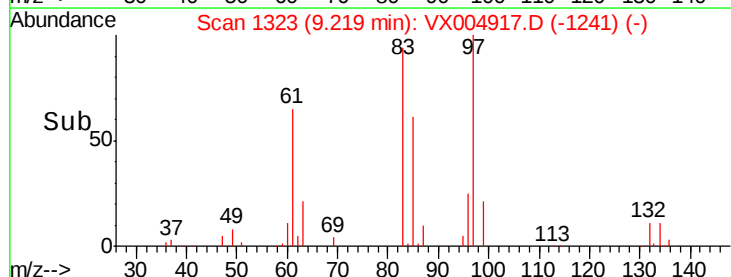
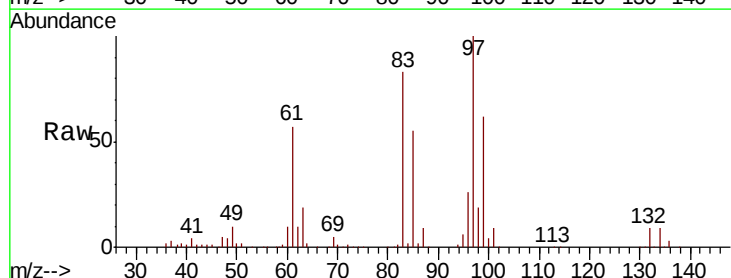
Manual Integrations  
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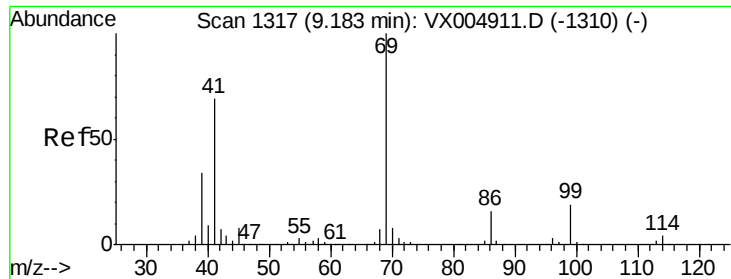
MMDadoda  
 10/3/2018 4:23:28 PM



#50  
 1,1,2-Trichloroethane  
 Concen: 20.506 ug/l  
 RT: 9.22 min Scan# 1323  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 83.1  | 67.2  | 100.8 |
| 85      | 54.6  | 44.7  | 67.1  |
| 99      | 62.2  | 50.3  | 75.5  |





#51

Ethyl methacrylate

Concen: 19.392 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

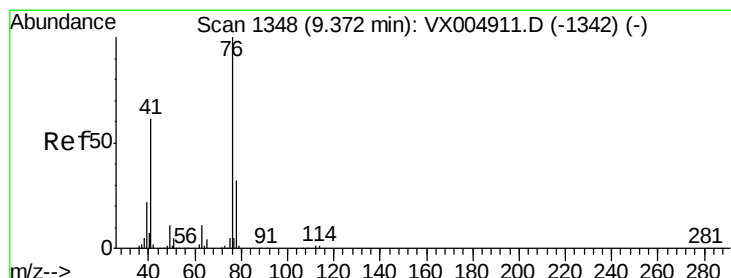
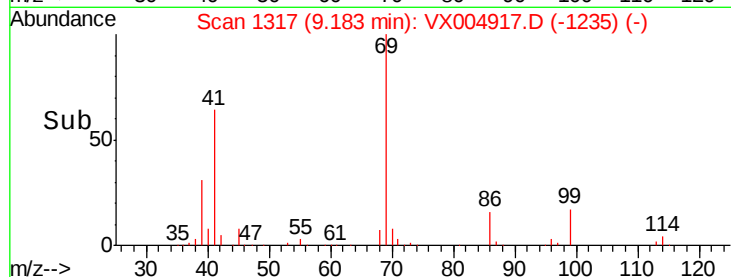
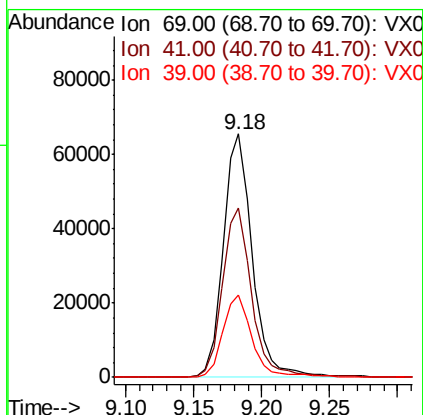
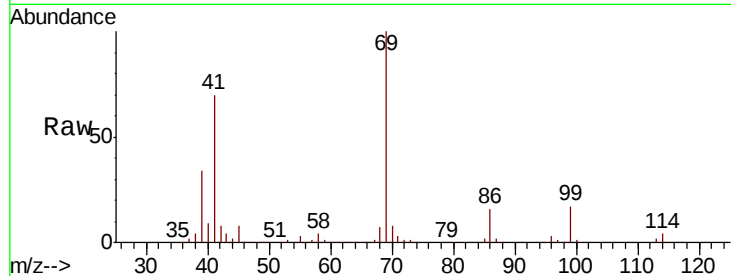
ClientSampleId :

VX1002WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 69    | Resp: | 96866 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 69.4  | 34.6  | 103.9 |
| 39       | 33.3  | 17.0  | 51.0  |

Manual Integrations  
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10/3/2018 4:23:28 PM



#52

1,3-Dichloropropane

Concen: 20.082 ug/l

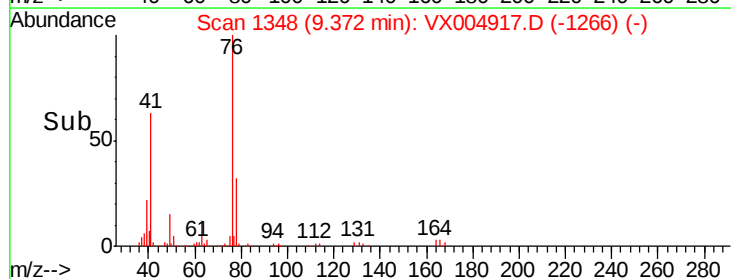
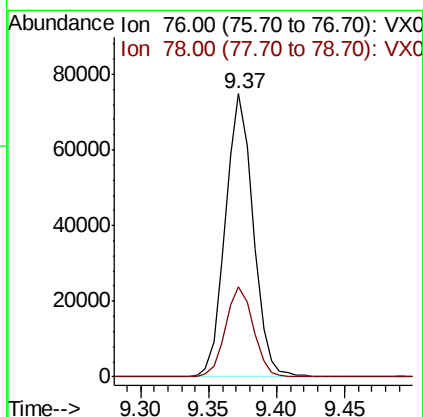
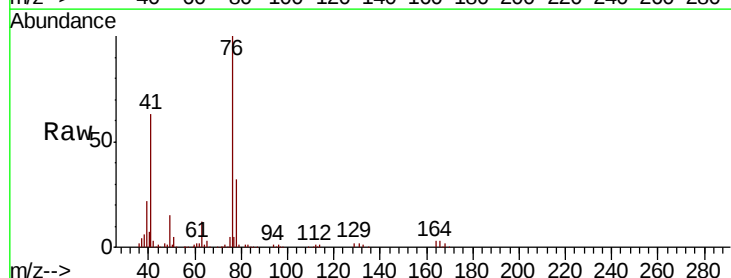
RT: 9.37 min Scan# 1348

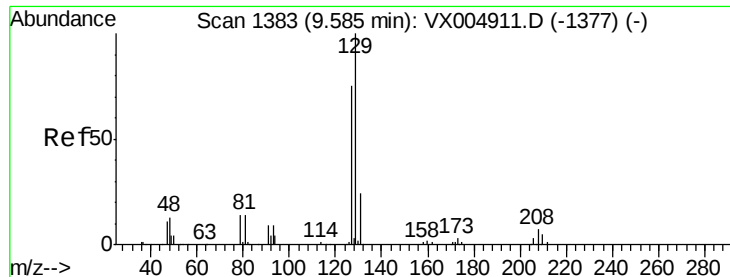
Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 76    | Resp: | 106636 |
| Ion      | Ratio | Lower | Upper  |
| 76       | 100   |       |        |
| 78       | 32.1  | 0.0   | 64.4   |





#53

Dibromochloromethane

Concen: 19.751 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX1002WBS01

Tot Ion:129 Resp: 64497

Ion Ratio Lower Upper

129 100

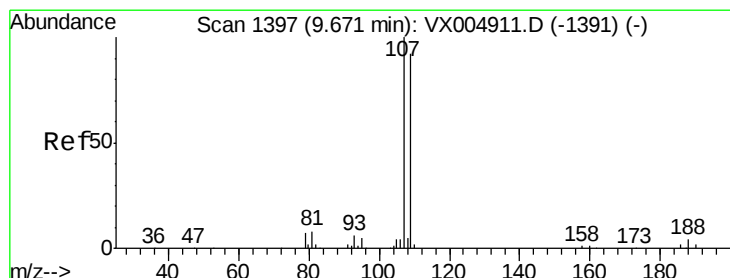
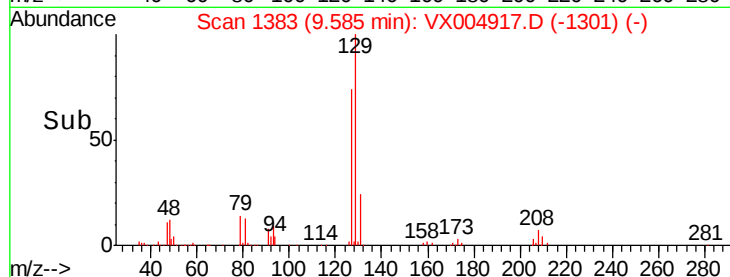
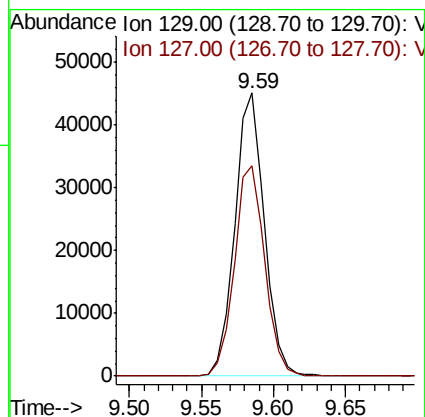
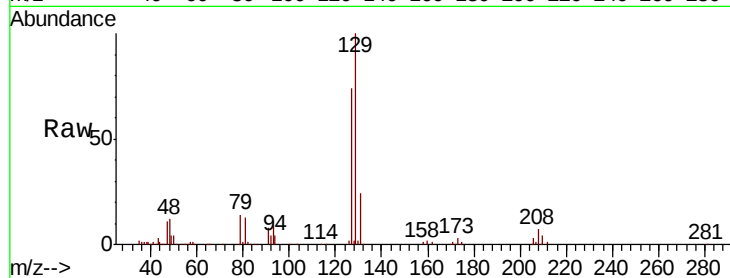
127 76.3 38.3 114.9

Manual Integrations

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10/3/2018 4:23:28 PM



#54

1,2-Dibromoethane

Concen: 20.018 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004917.D

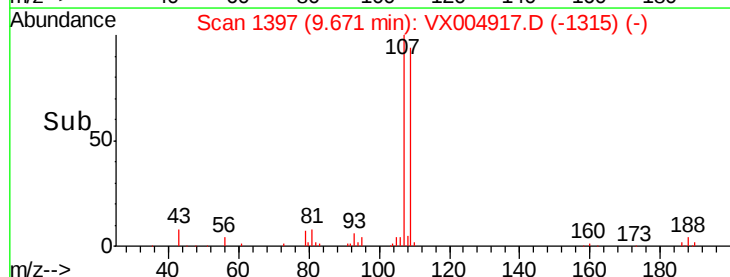
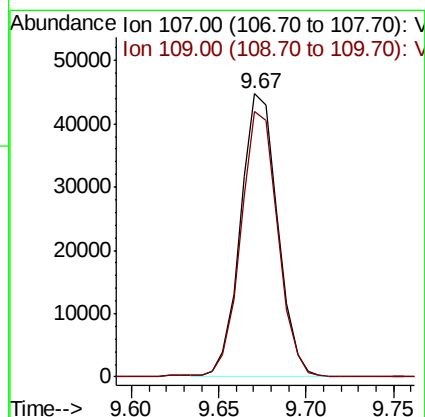
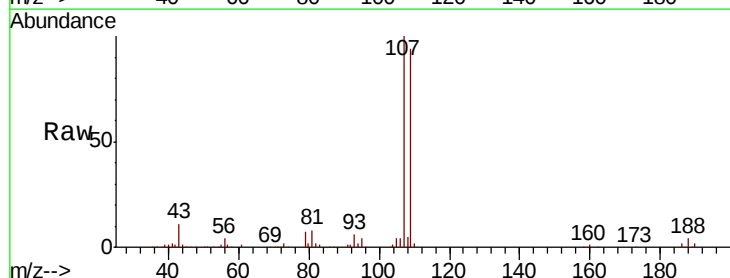
Acq: 02 Oct 2018 13:45

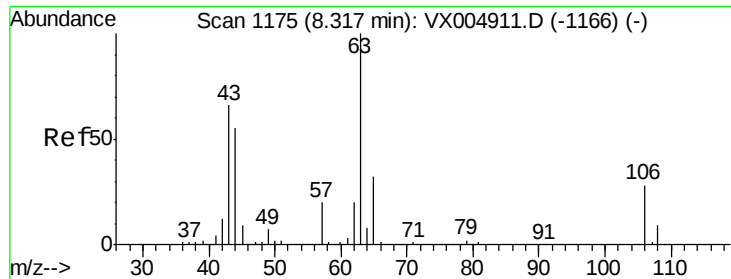
Tgt Ion:107 Resp: 65660

Ion Ratio Lower Upper

107 100

109 94.1 74.8 112.2





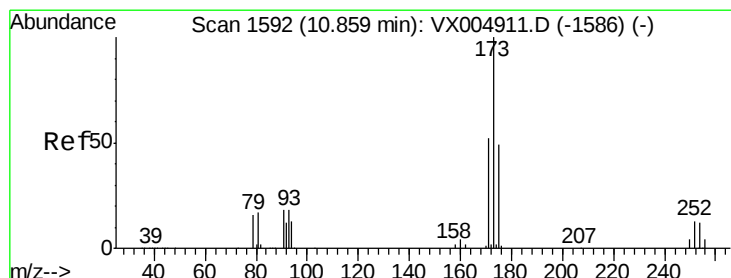
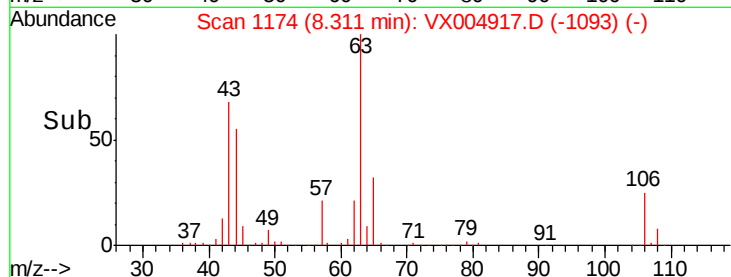
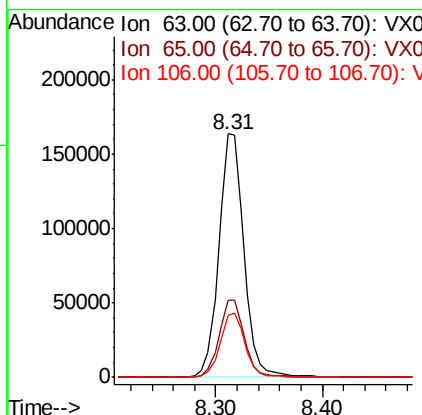
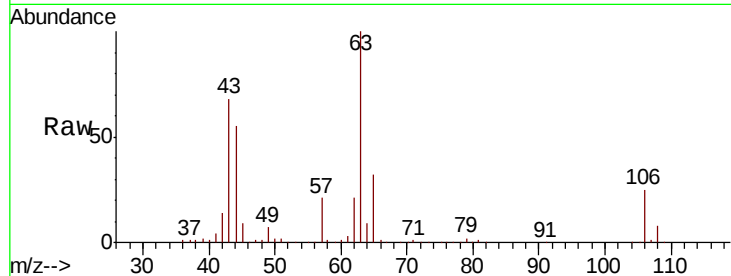
#55  
2-Chloroethyl vinyl ether  
Concen: 100.918 ug/l  
RT: 8.31 min Scan# 1174  
Delta R.T. -0.01 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 32.5  | 25.9  | 38.9  |
| 106     | 26.3  | 21.8  | 32.6  |

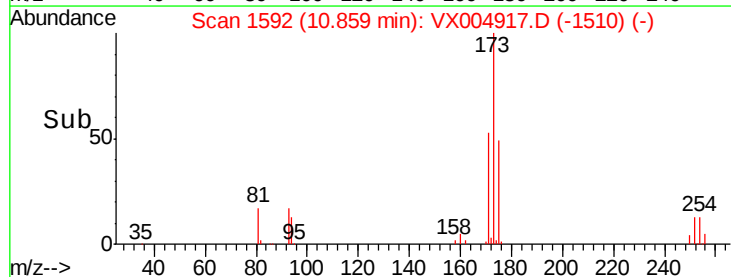
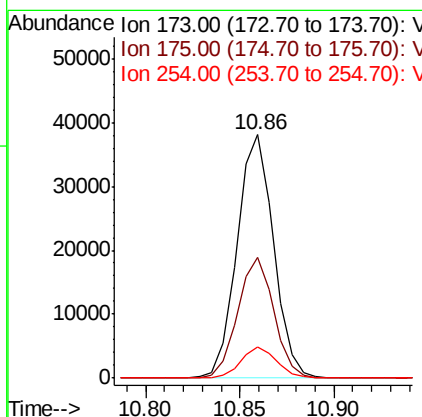
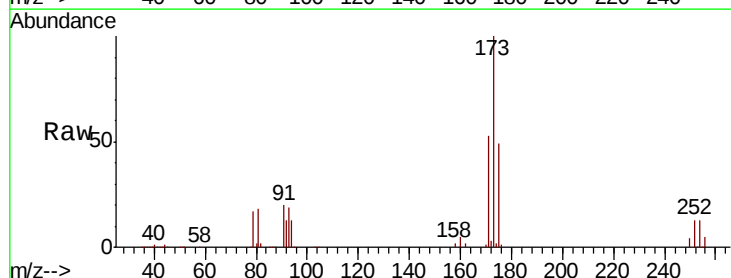
Manual Integrations  
APPROVED

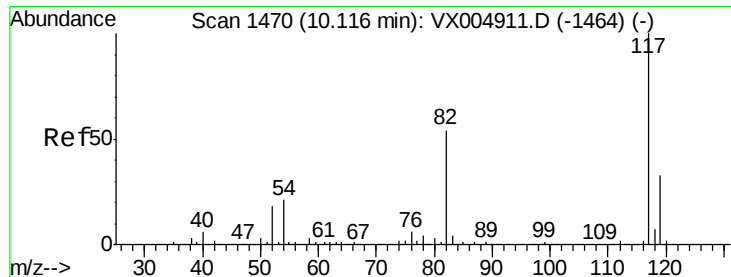
MMDadoda  
10/3/2018 4:23:28 PM



#56  
Bromoform  
Concen: 18.739 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.2  | 39.7  | 59.5  |
| 254     | 12.4  | 9.6   | 14.4  |





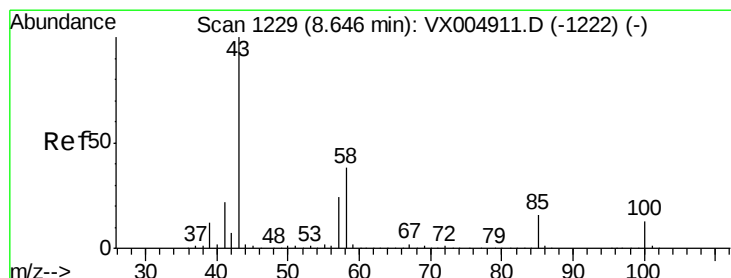
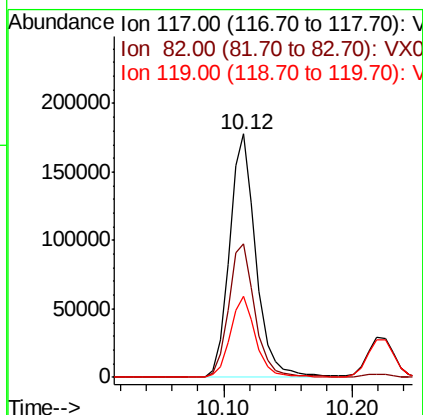
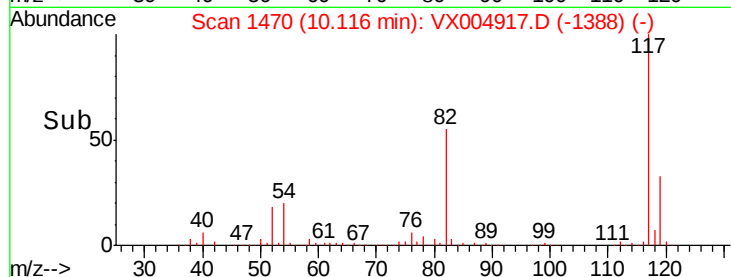
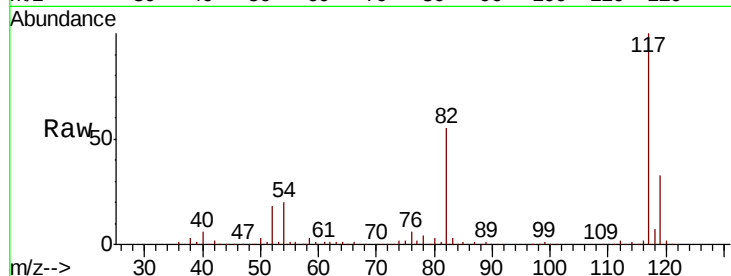
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.0  | 44.2  | 66.4  |
| 119     | 32.2  | 25.8  | 38.6  |

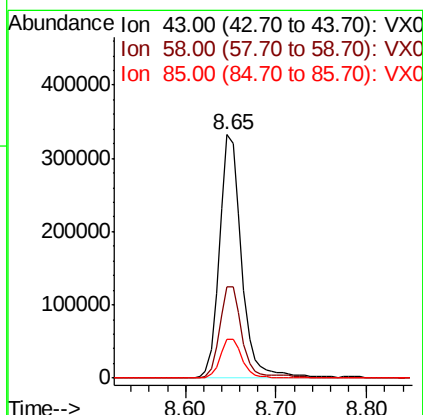
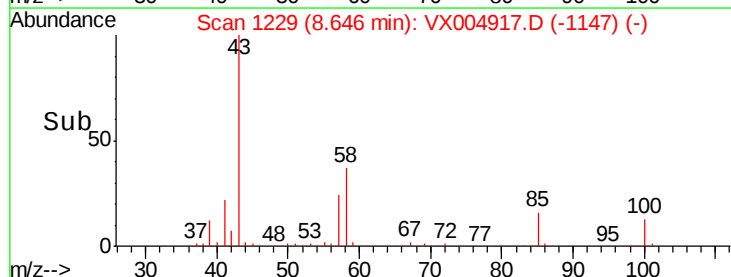
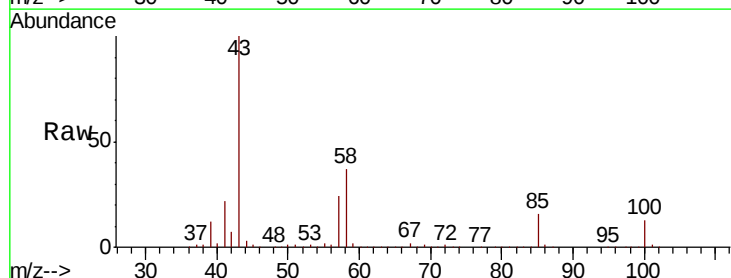
Manual Integrations  
APPROVED

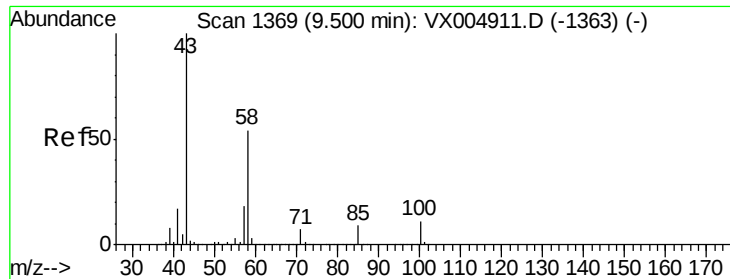
MMDadoda  
10/3/2018 4:23:28 PM



#58  
4-Methyl-2-Pentanone  
Concen: 98.989 ug/l  
RT: 8.65 min Scan# 1229  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 37.2  | 30.8  | 46.2  |
| 85      | 16.3  | 13.1  | 19.7  |





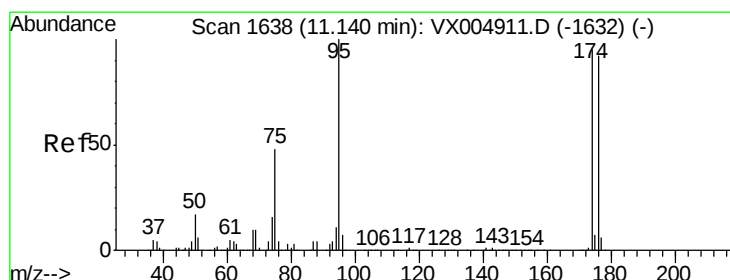
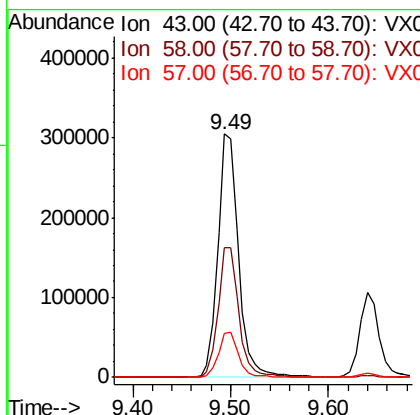
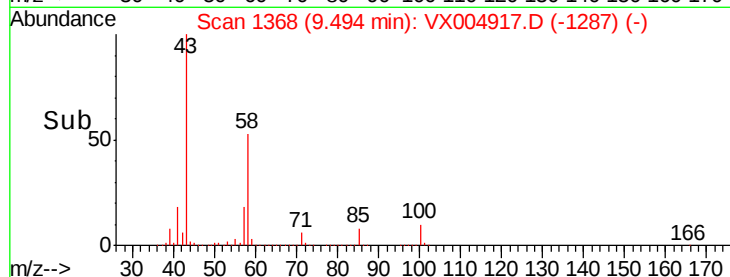
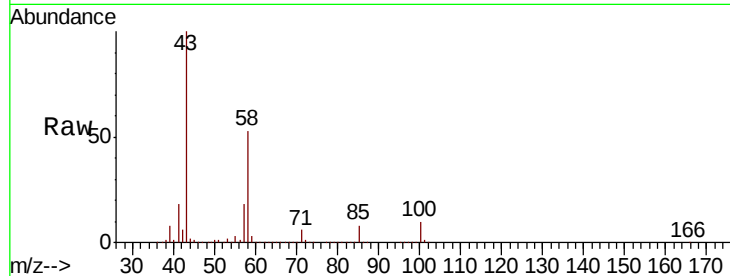
#59  
2-Hexanone  
Concen: 95.285 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 53.3  | 42.7  | 64.1  |
| 57      | 18.1  | 14.6  | 22.0  |

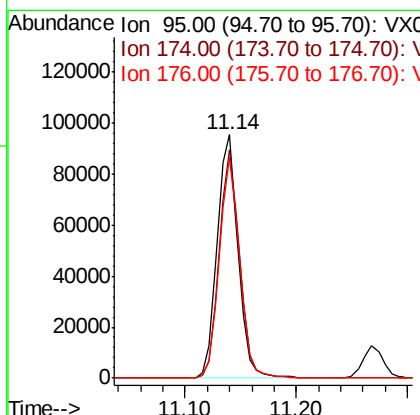
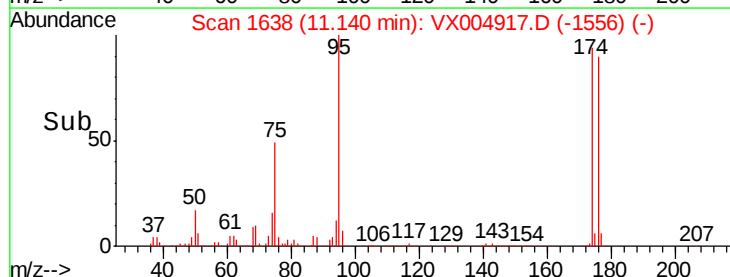
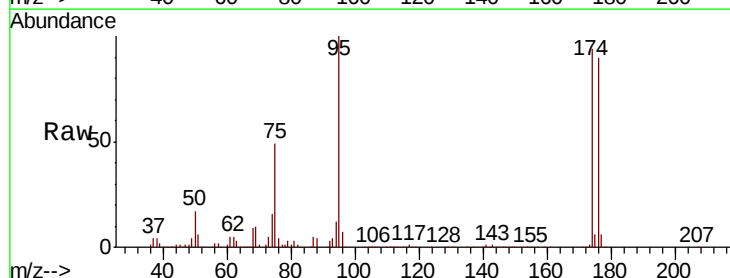
Manual Integrations  
APPROVED

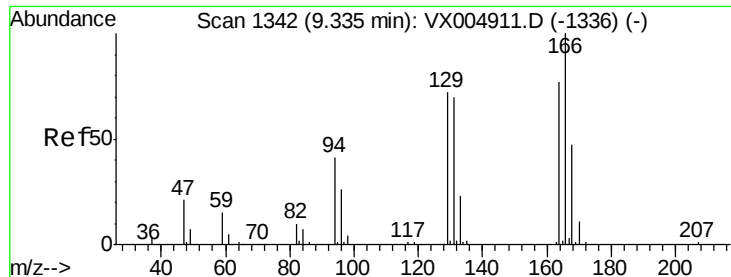
MMDadoda  
10/3/2018 4:23:28 PM



#60  
4-Bromofluorobenzene  
Concen: 29.245 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 91.5  | 73.1  | 109.7 |
| 176     | 88.5  | 71.0  | 106.6 |





#61

Tetrachloroethene

Concen: 20.758 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX1002WBS01

Tot Ion:164 Resp: 64299

Ion Ratio Lower Upper

164 100

166 126.7 104.0 156.0

129 92.2 75.1 112.7

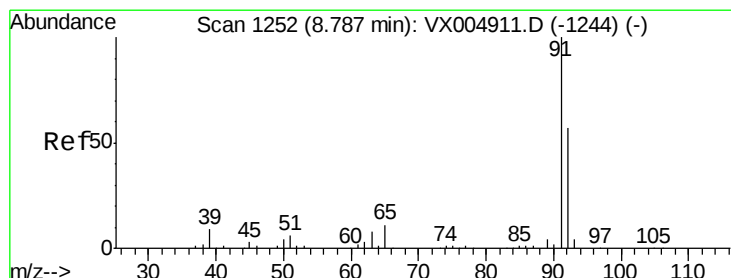
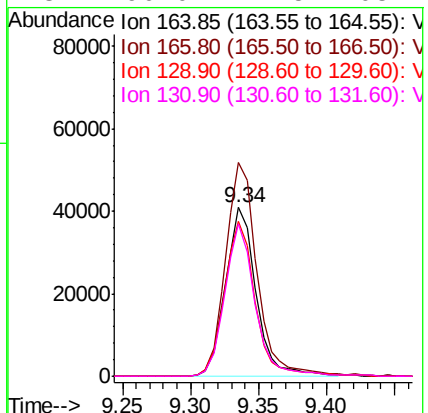
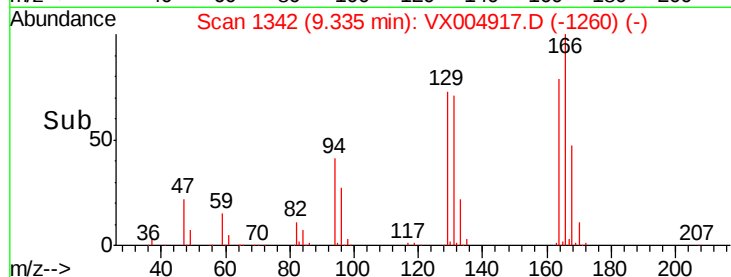
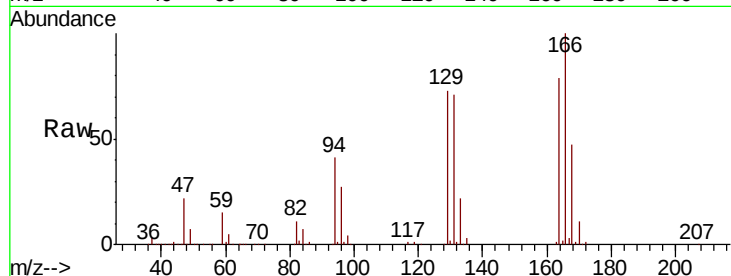
131 90.0 72.5 108.7

Manual Integrations

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#62

Toluene

Concen: 20.279 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004917.D

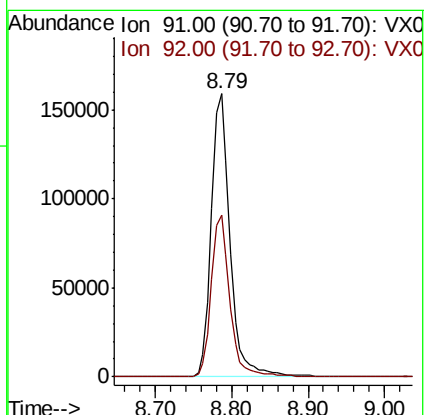
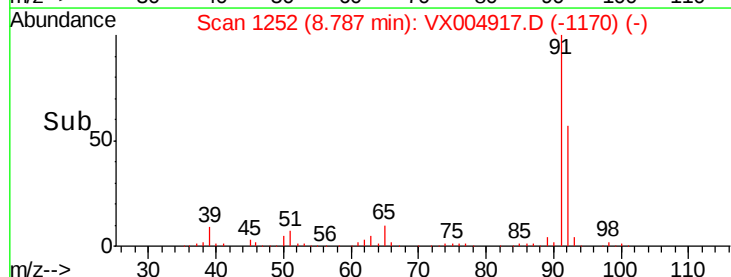
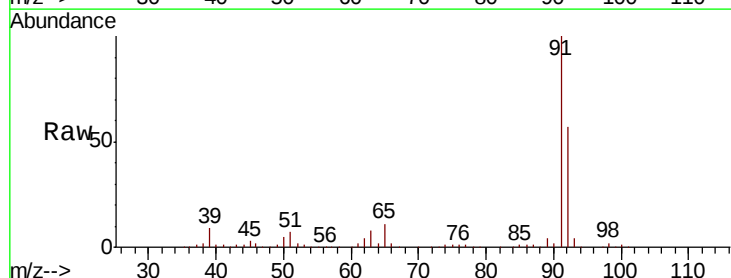
Acq: 02 Oct 2018 13:45

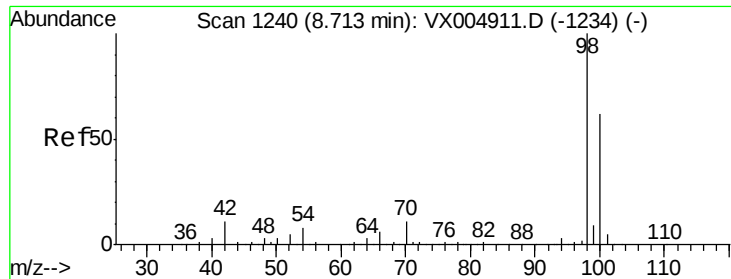
Tgt Ion: 91 Resp: 271267

Ion Ratio Lower Upper

91 100

92 56.9 46.2 69.4





#63

Toluene-d8

Concen: 30.504 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX1002WBS01

Tot Ion: 98 Resp: 346581

Ion Ratio Lower Upper

98 100

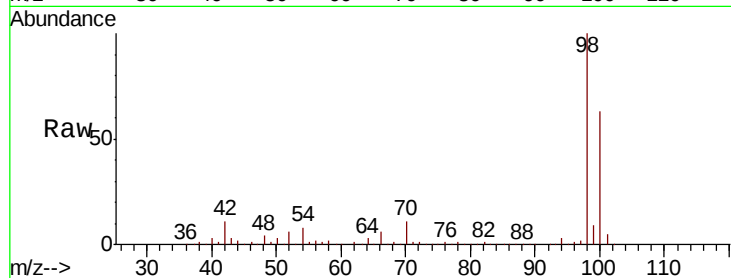
100 64.8 51.6 77.4

Manual Integrations

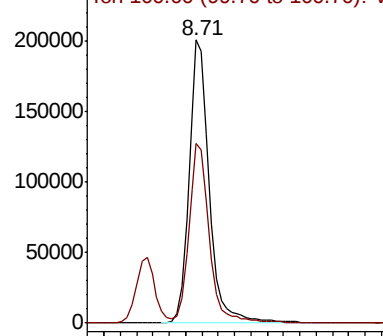
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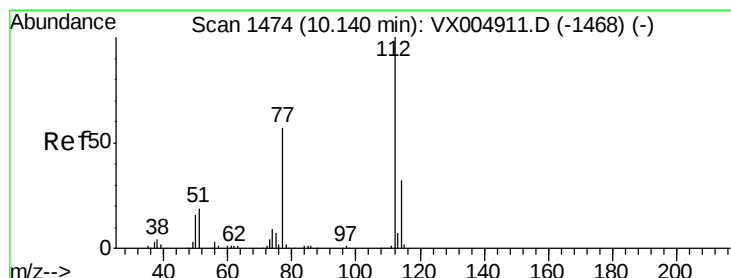
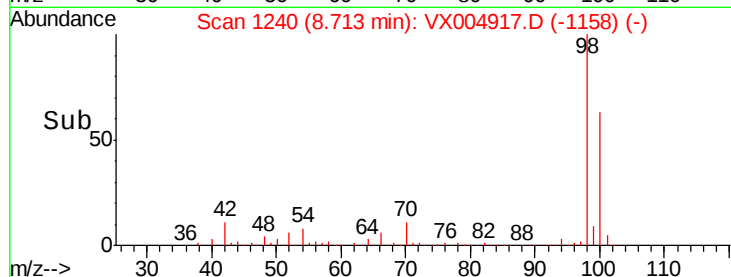
10/3/2018 4:23:28 PM



Abundance Ion 98.00 (97.70 to 98.70): VX004911.D (-1234) (-)



Time-->



#64

Chlorobenzene

Concen: 19.976 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004917.D

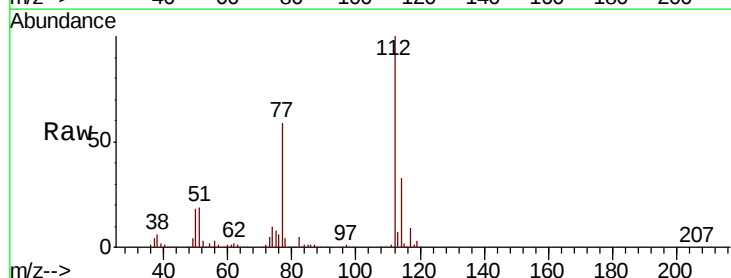
Acq: 02 Oct 2018 13:45

Tgt Ion: 112 Resp: 172568

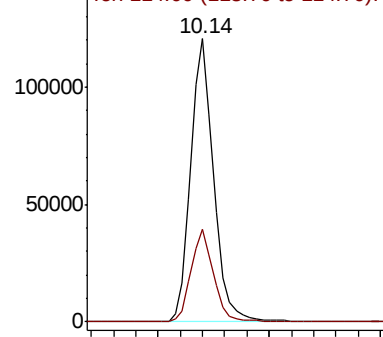
Ion Ratio Lower Upper

112 100

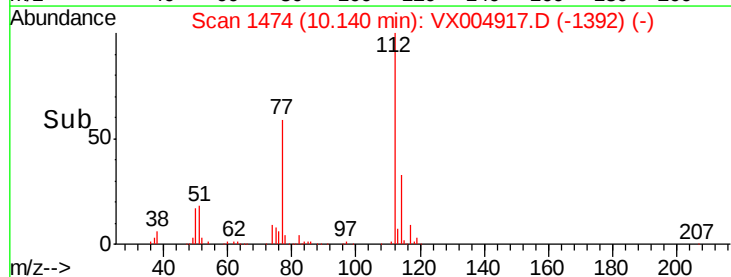
114 32.8 25.7 38.5

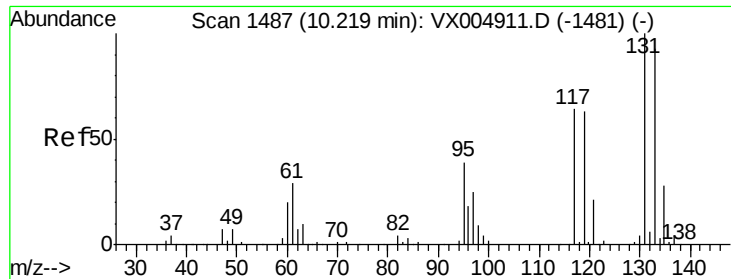


Abundance Ion 112.00 (111.70 to 112.70): VX004911.D (-1468) (-)



Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.683 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

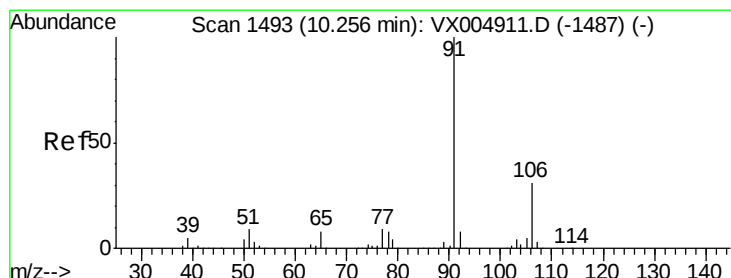
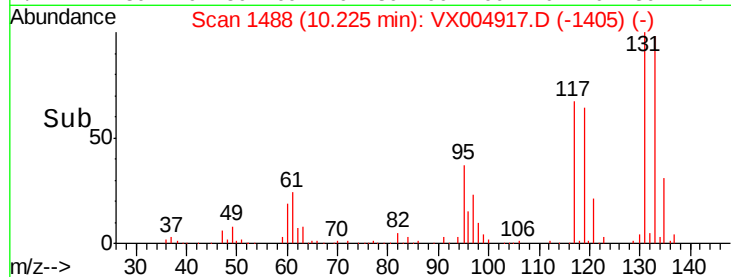
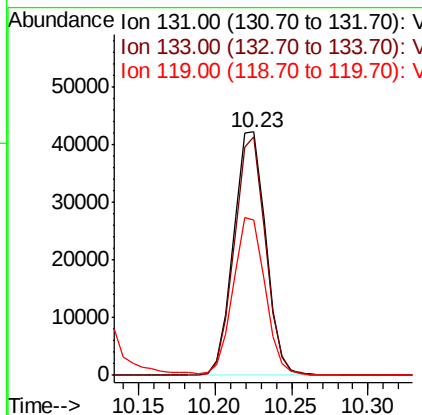
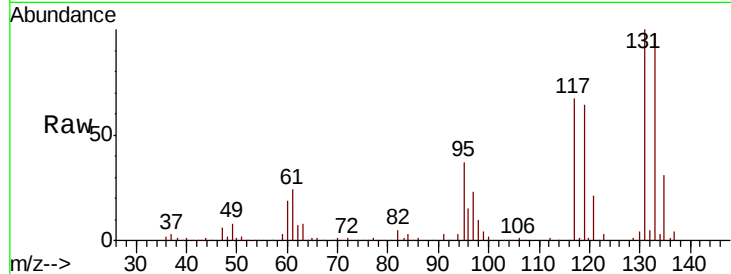
ClientSampleId :

VX1002WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 131     | 100   | 61812 |       |       |
| 133     | 94.1  | 0.0   | 190.4 |       |
| 119     | 64.5  | 0.0   | 129.0 |       |

Manual Integrations  
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10/3/2018 4:23:28 PM



#66

Ethyl Benzene

Concen: 19.817 ug/l

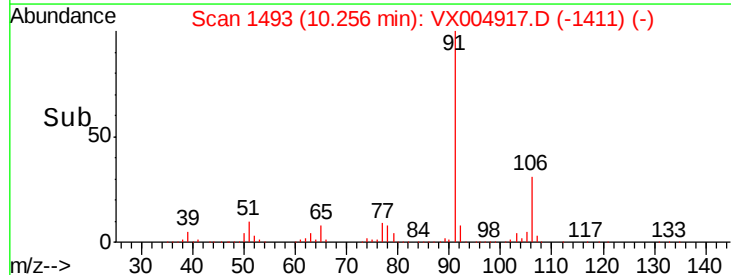
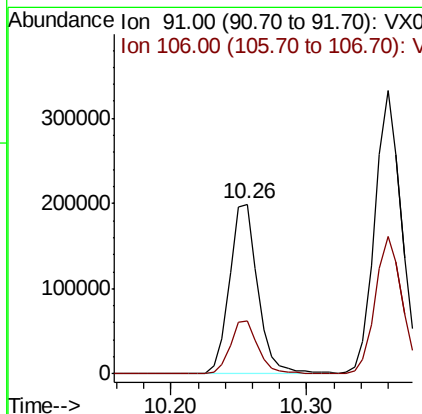
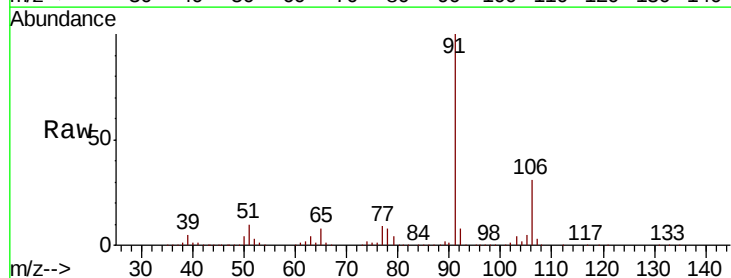
RT: 10.26 min Scan# 1493

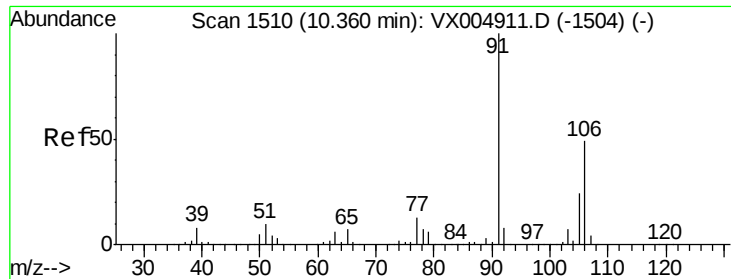
Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 289400 |       |       |
| 106     | 30.8  | 24.5   | 36.7  |       |





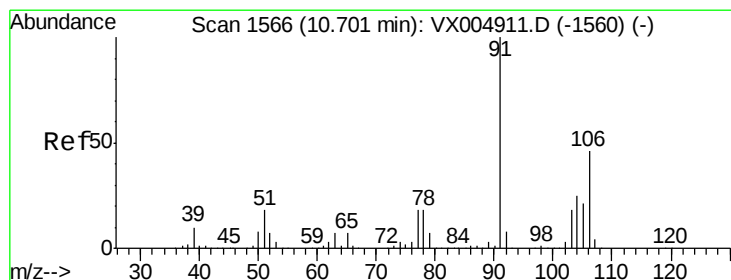
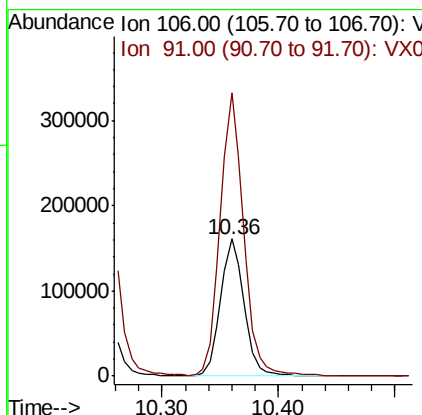
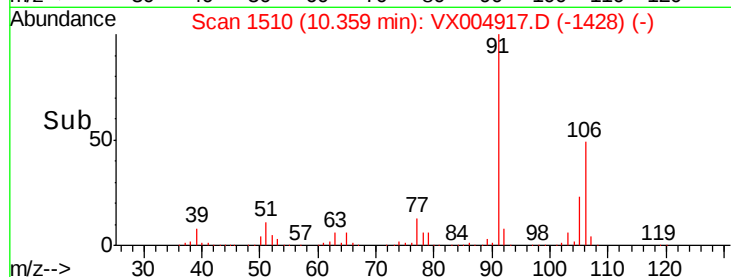
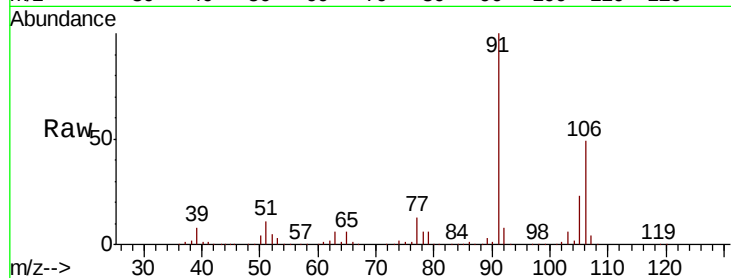
#67  
m/p-Xvlenes  
Concen: 40.042 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 227688 |       |       |
| 91      | 202.1 | 165.5 | 248.3  |       |       |

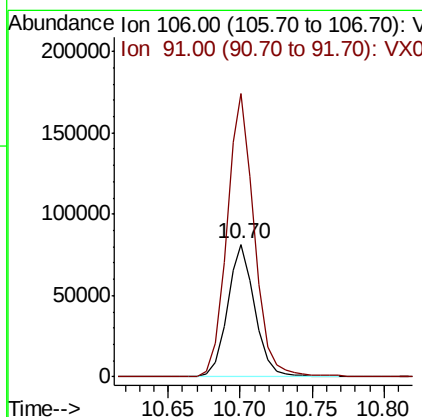
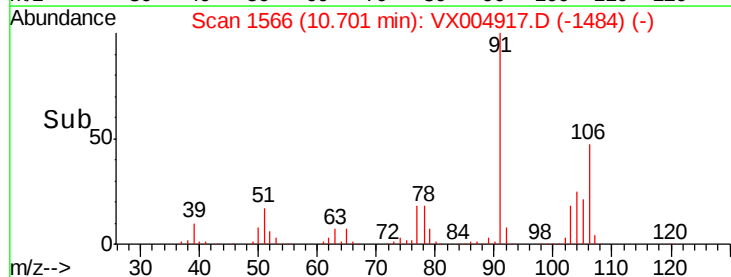
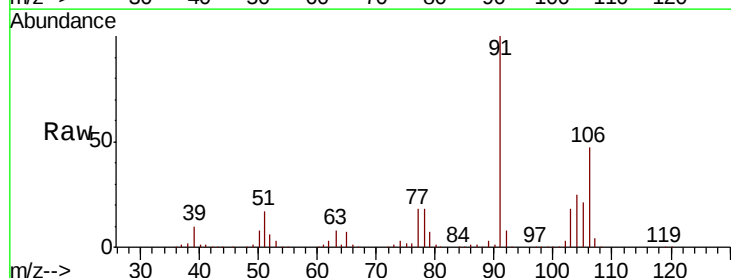
Manual Integrations  
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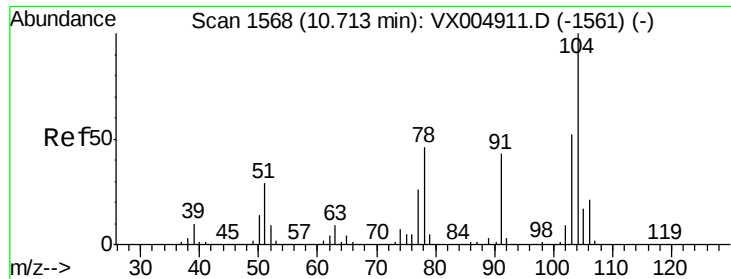
MMDadoda  
10/3/2018 4:23:28 PM



#68  
o-Xylene  
Concen: 19.736 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 108178 |       |       |
| 91      | 214.5 | 109.1 | 327.2  |       |       |





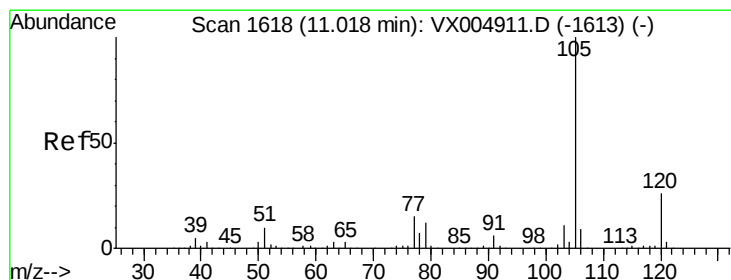
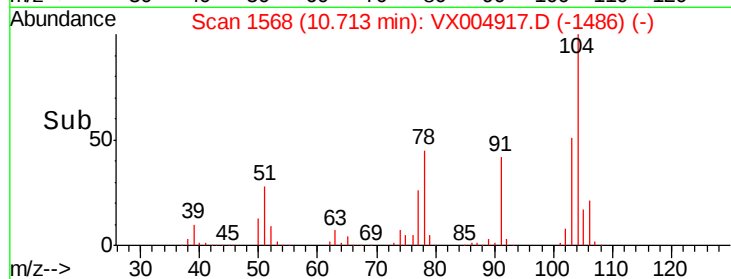
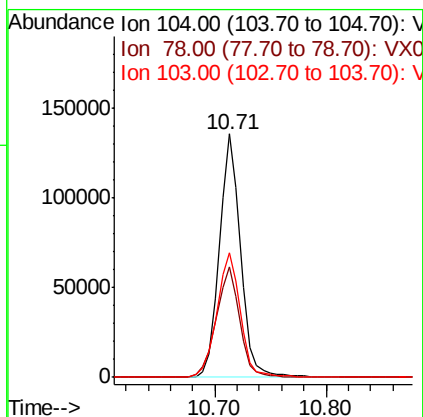
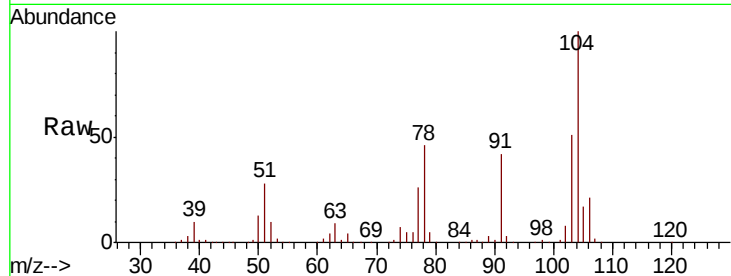
#69  
Stvrene  
Concen: 19.235 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 50.6  | 40.3  | 60.5  |
| 103     | 57.1  | 44.6  | 66.8  |

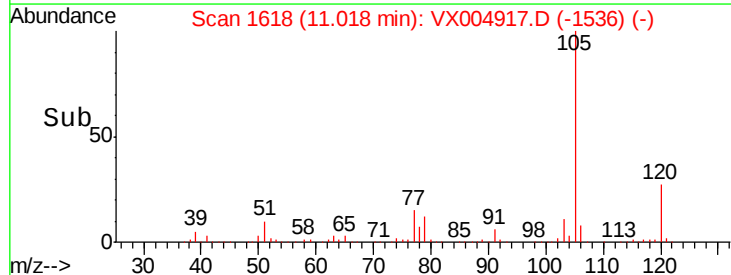
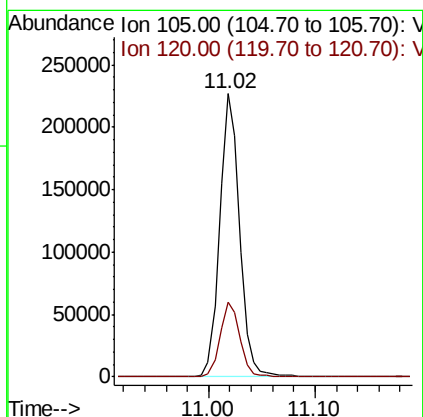
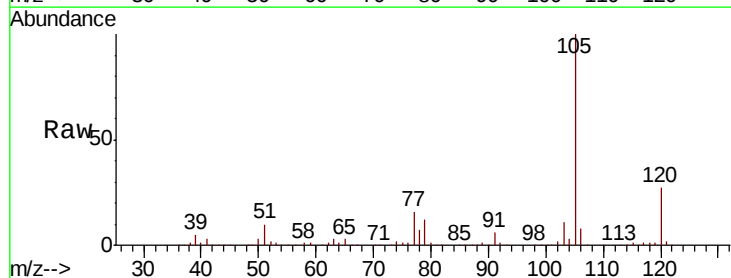
Manual Integrations  
APPROVED

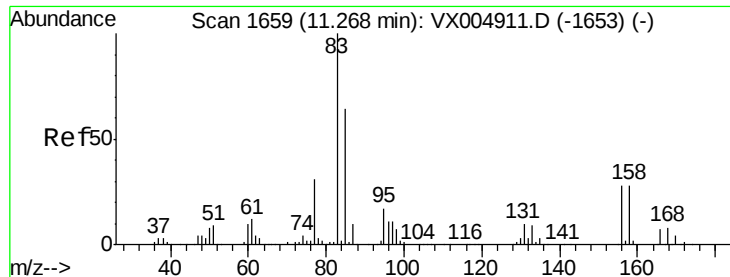
MMDadoda  
10/3/2018 4:23:28 PM



#70  
Isopropylbenzene  
Concen: 20.162 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.5  | 18.3  | 34.1  |





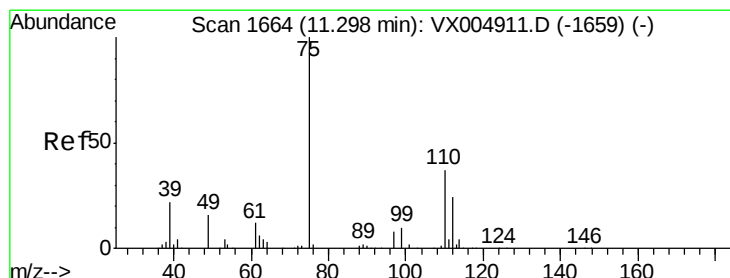
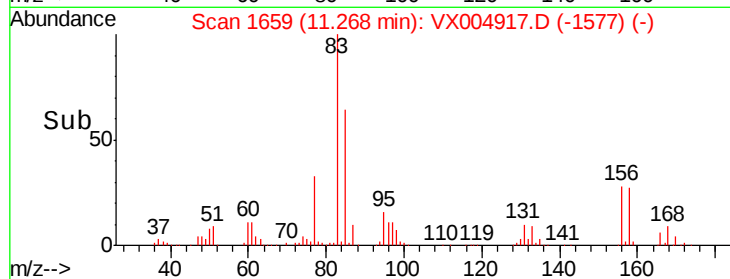
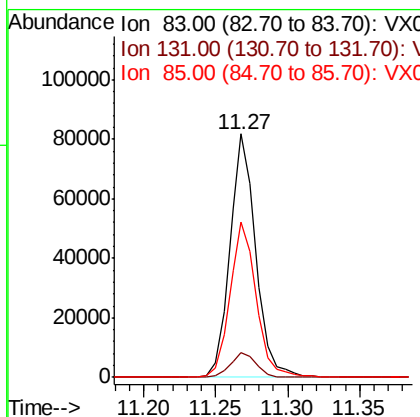
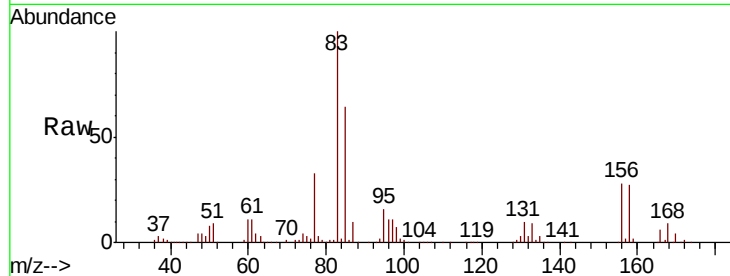
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.851 ug/l  
 RT: 11.27 min Scan# 1659  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1002WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 131     | 10.3  | 5.1  | 15.2  |       |
| 85      | 65.2  | 32.2 | 96.6  |       |

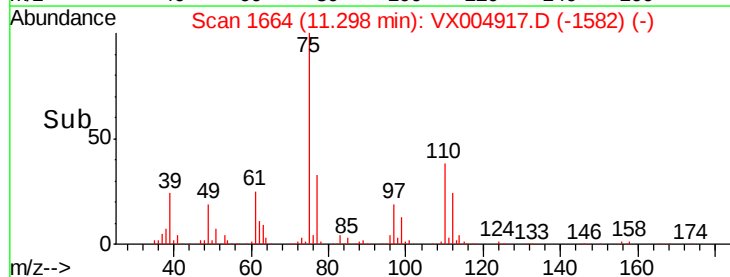
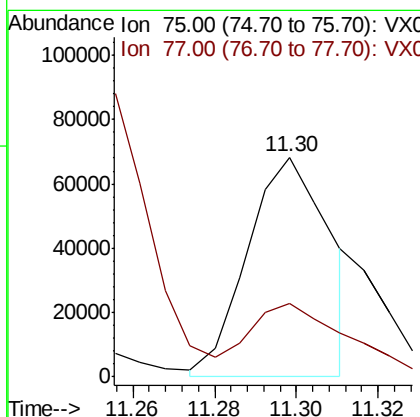
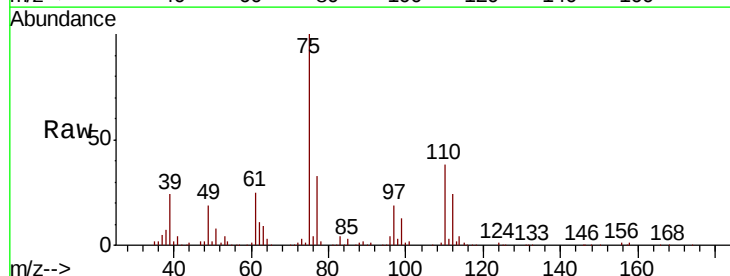
Manual Integrations  
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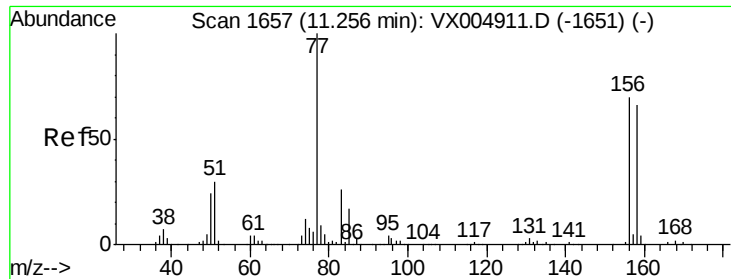
MMDadoda  
 10/3/2018 4:23:28 PM



#72  
 1,2,3-Trichloropropane  
 Concen: 19.183 ug/l m  
 RT: 11.30 min Scan# 1664  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 77      | 37.9  | 0.0  | 81.2  |       |





#73

Bromobenzene

Concen: 19.458 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX1002WBS01

Tot Ion:156 Resp: 78504

Ion Ratio Lower Upper

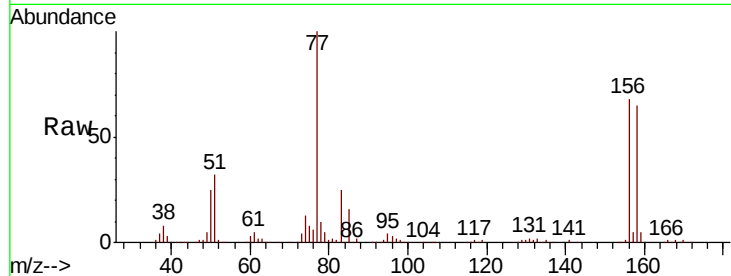
156 100

77 148.3 0.0 292.4

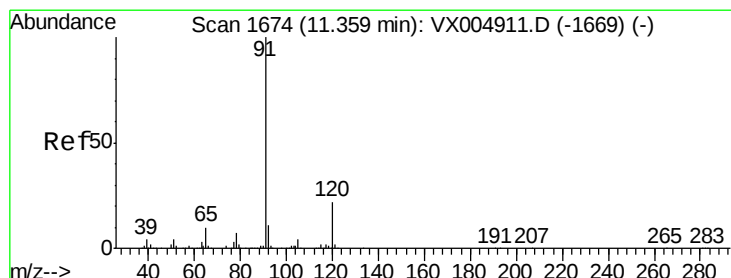
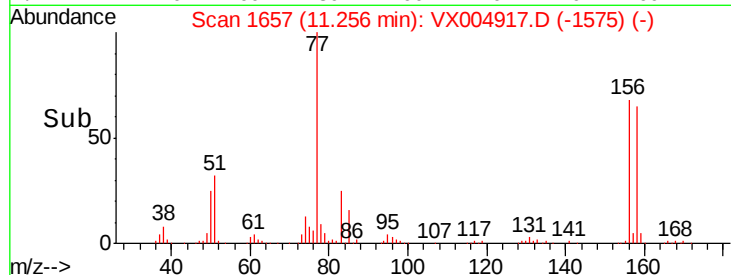
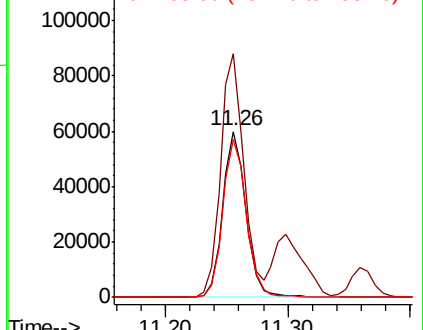
158 96.7 0.0 194.2

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Abundance Ion 156.00 (155.70 to 156.70): V  
Ion 77.00 (76.70 to 77.70): VX0  
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.049 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004917.D

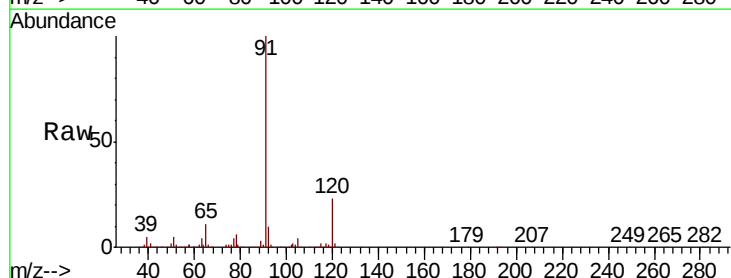
Acq: 02 Oct 2018 13:45

Tgt Ion: 91 Resp: 346236

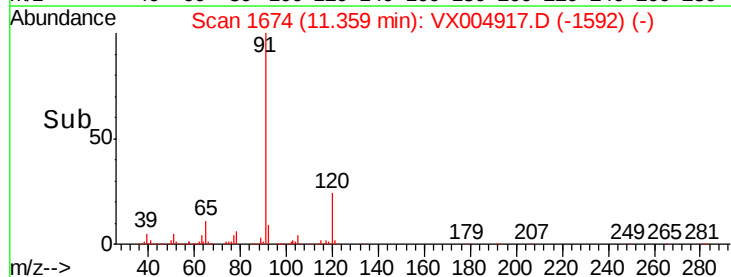
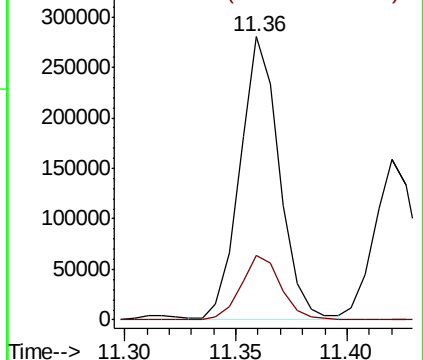
Ion Ratio Lower Upper

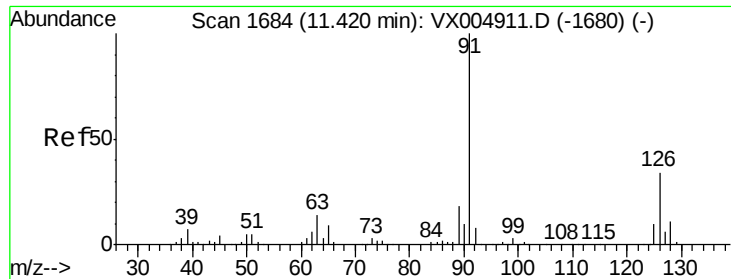
91 100

120 23.2 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.728 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX1002WBS01

Tot Ion: 91 Resp: 207779

Ion Ratio Lower Upper

91 100

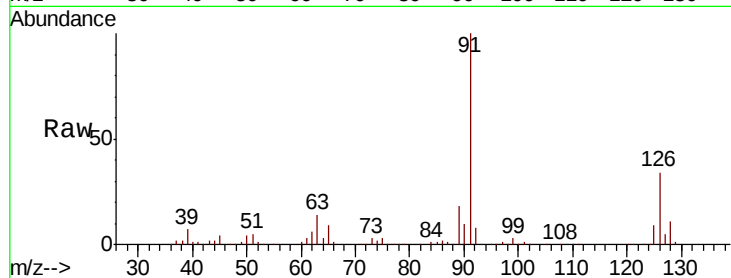
126 34.5 0.0 68.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX004911.D (-1680) (-)

Ion 126.00 (125.70 to 126.70): VX004911.D (-1680) (-)

300000

250000

200000

150000

100000

50000

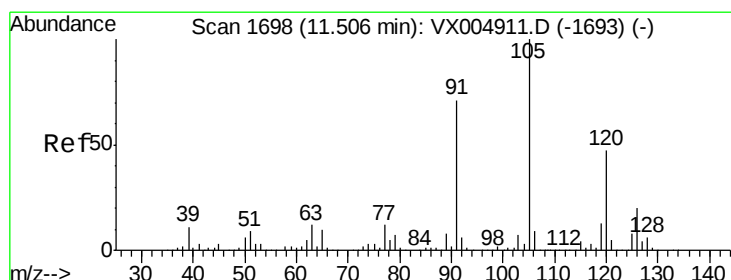
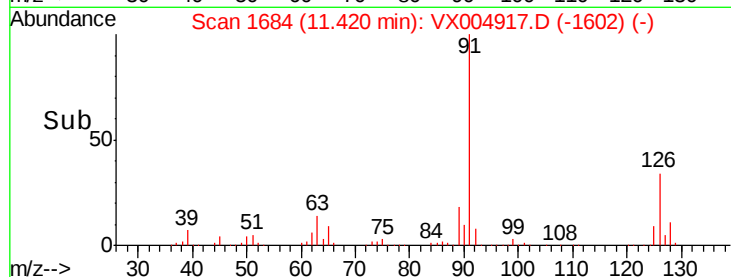
0

11.40

11.45

11.50

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.891 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004917.D

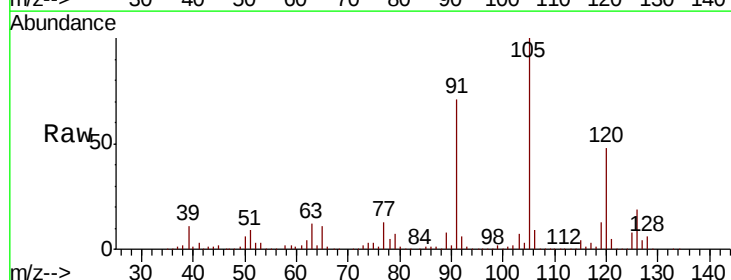
Acq: 02 Oct 2018 13:45

Tgt Ion: 105 Resp: 251904

Ion Ratio Lower Upper

105 100

120 48.6 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX004911.D (-1693) (-)

Ion 120.00 (119.70 to 120.70): VX004911.D (-1693) (-)

200000

150000

100000

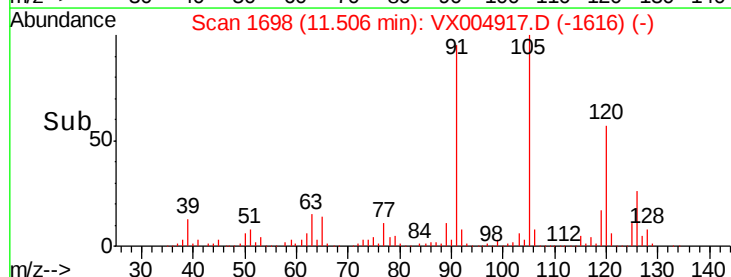
50000

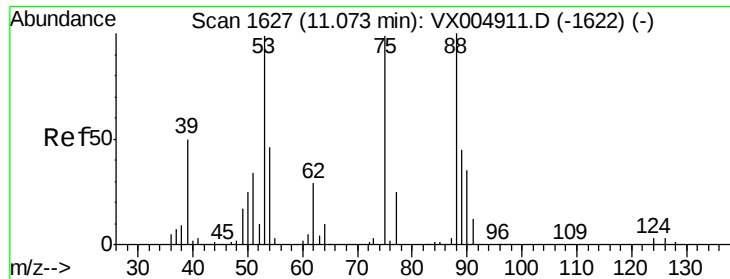
0

11.50

11.60

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.290 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

ClientSampleId :

VX1002WBS01

Tot Ion: 75 Resp: 28233

Ion Ratio Lower Upper

75 100

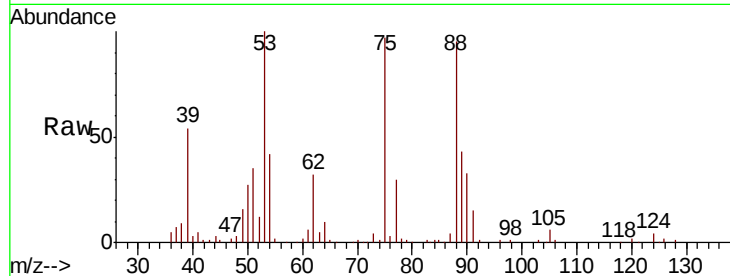
53 103.0 50.3 150.9

89 44.1 22.6 67.8

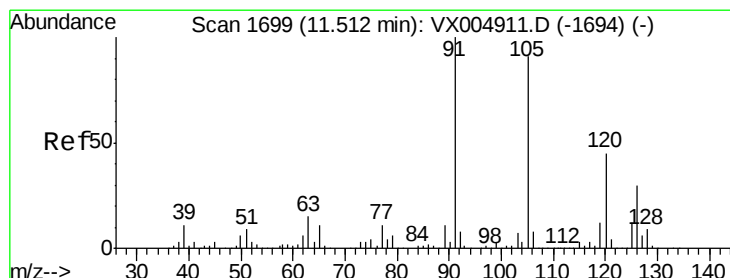
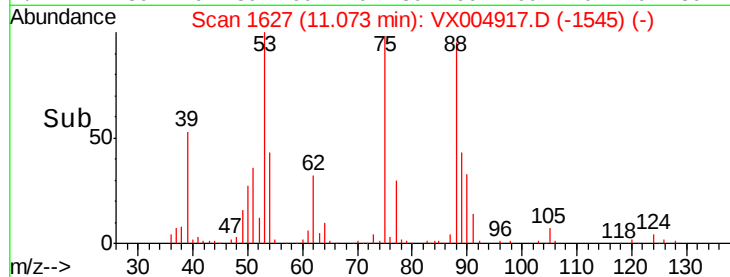
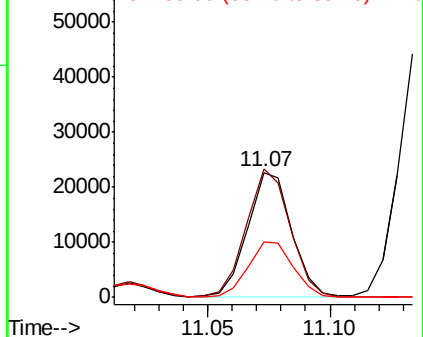
Manual Integrations  
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Abundance Ion 75.00 (74.70 to 75.70): VX0  
Ion 53.00 (52.70 to 53.70): VX0  
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.604 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004917.D

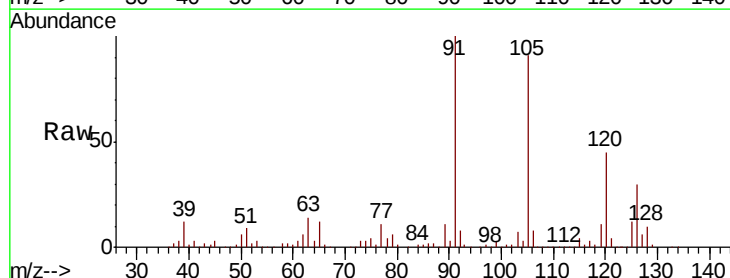
Acq: 02 Oct 2018 13:45

Tgt Ion: 91 Resp: 239998

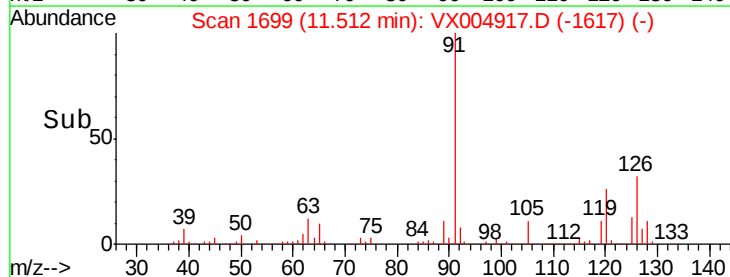
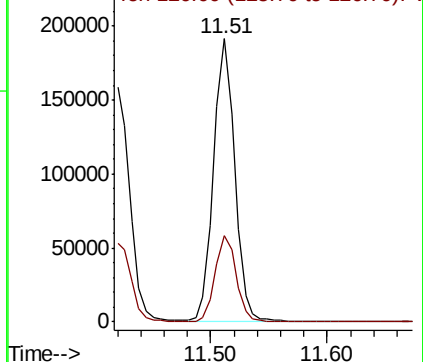
Ion Ratio Lower Upper

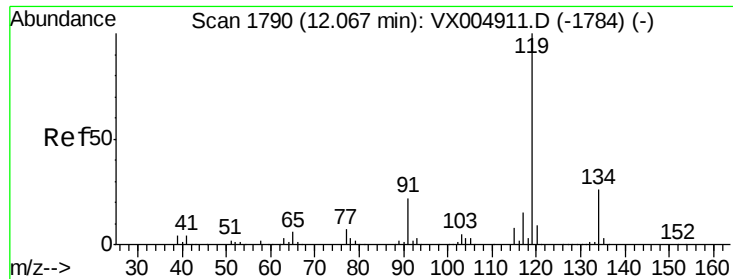
91 100

126 29.9 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.976 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA\_X

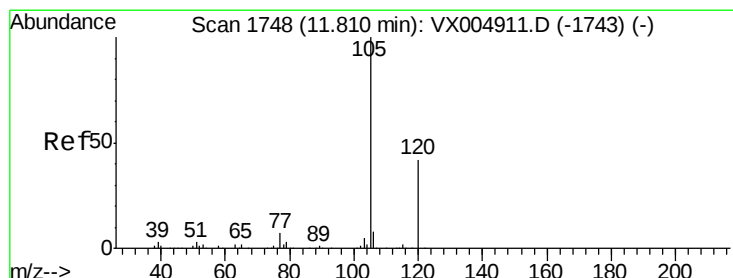
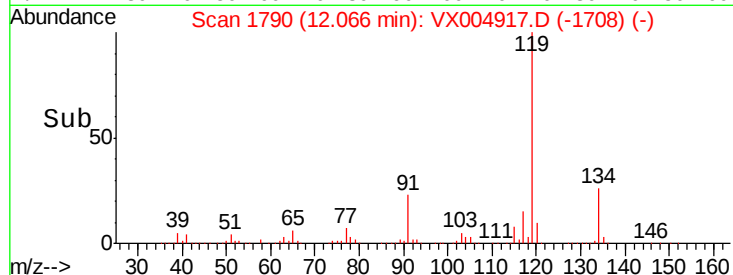
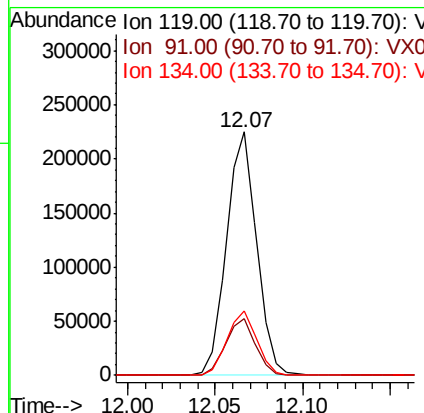
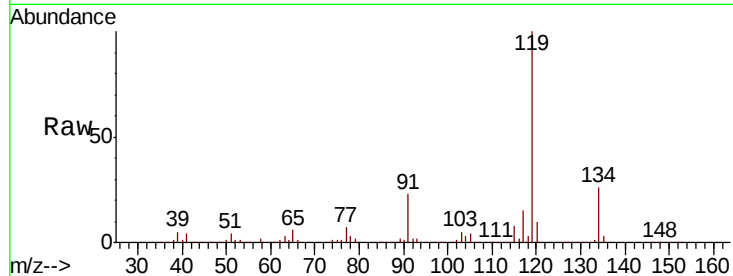
ClientSampled :

VX1002WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 268483 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 23.2  | 0.0   | 45.8   |
| 134       | 26.2  | 0.0   | 52.8   |

Manual Integrations  
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#80

1,2,4-Trimethylbenzene

Concen: 19.922 ug/l

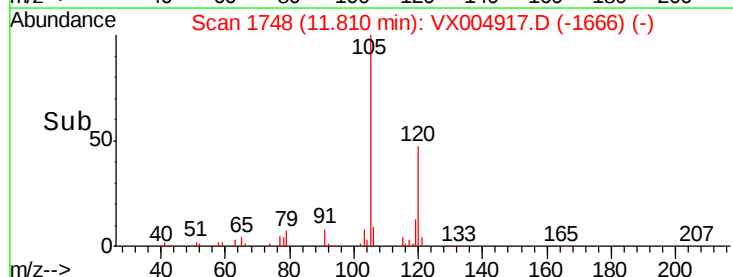
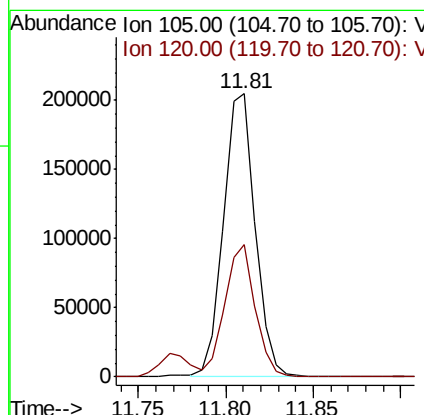
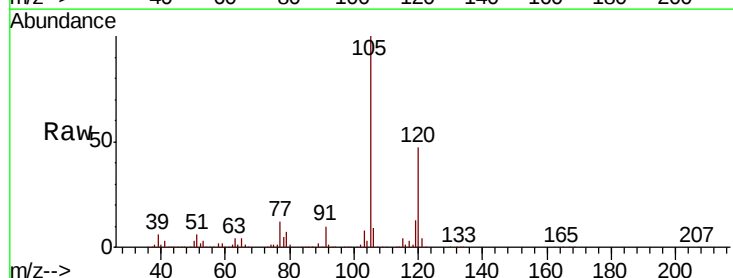
RT: 11.81 min Scan# 1748

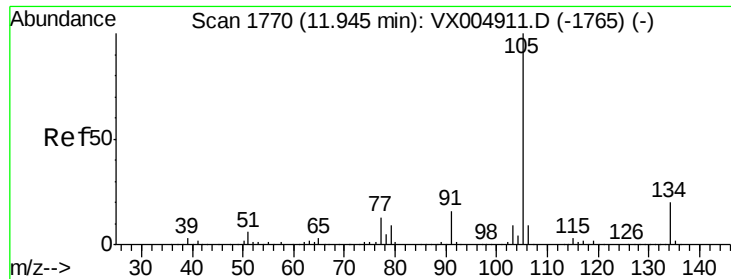
Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 257290 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.0  | 0.0   | 90.6   |





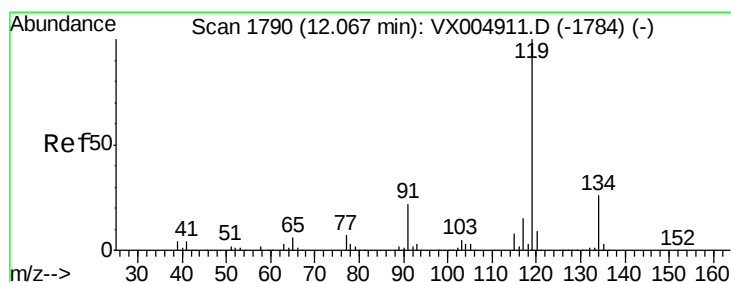
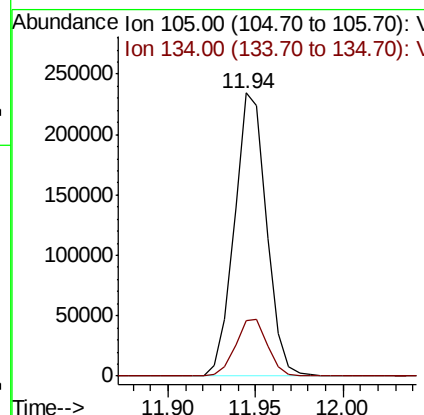
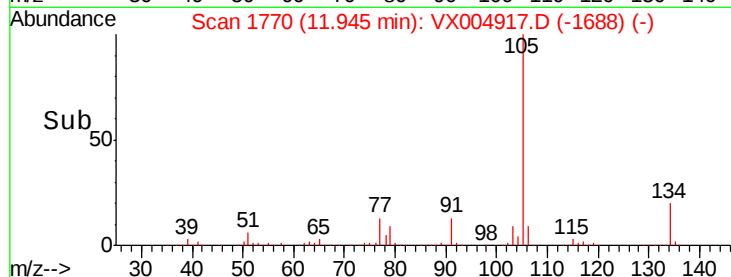
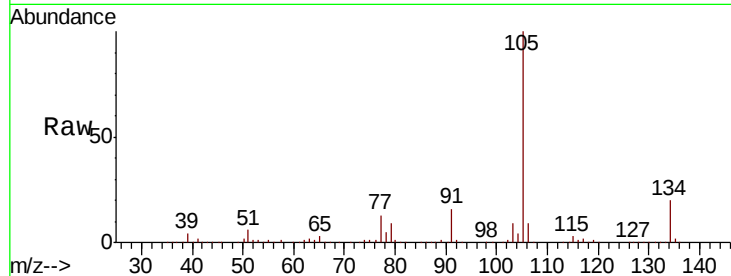
#81  
 sec-Butylbenzene  
 Concen: 19.949 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.3  | 0.0   | 40.4  |

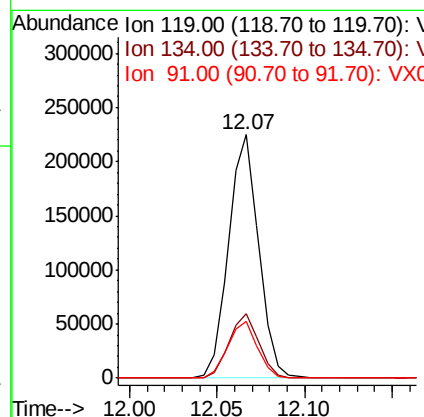
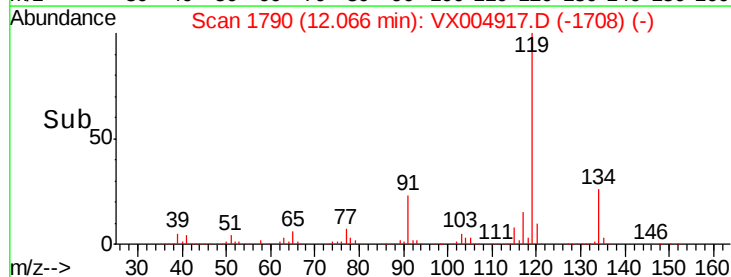
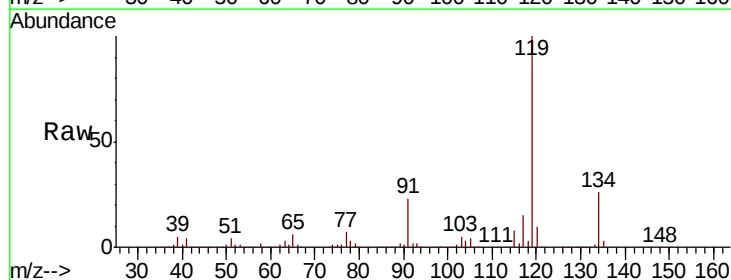
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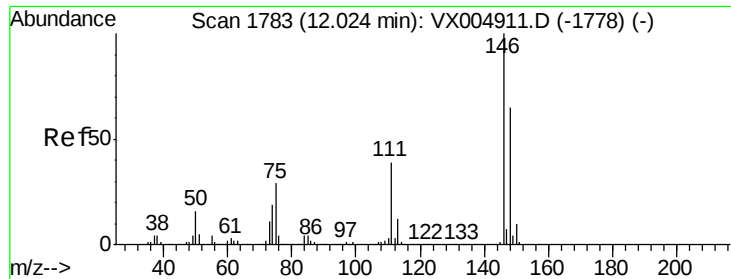
MMDadoda  
 10/3/2018 4:23:28 PM



#82  
 p-Isopropyltoluene  
 Concen: 19.976 ug/l  
 RT: 12.07 min Scan# 1790  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.2  | 0.0   | 52.8  |
| 91      | 23.2  | 0.0   | 45.8  |





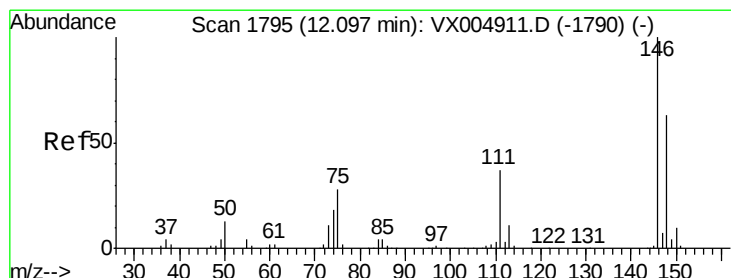
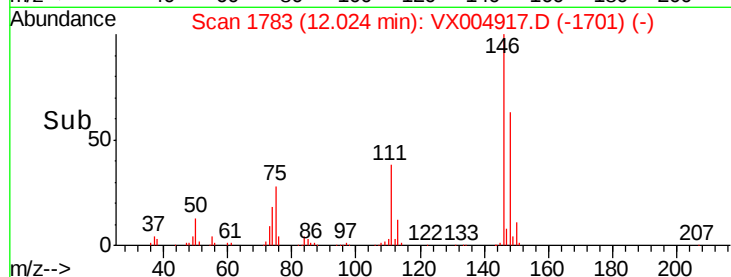
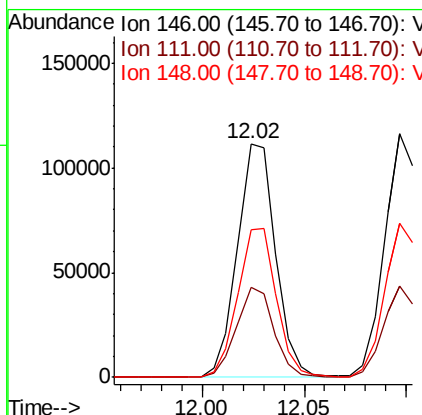
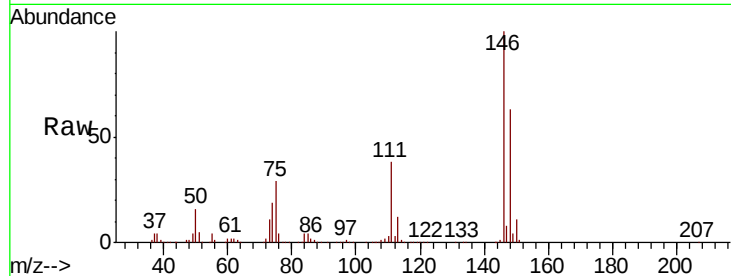
#83  
 1,3-Dichlorobenzene  
 Concen: 19.503 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.8  | 19.3  | 57.8  |
| 148     | 64.5  | 32.4  | 97.2  |

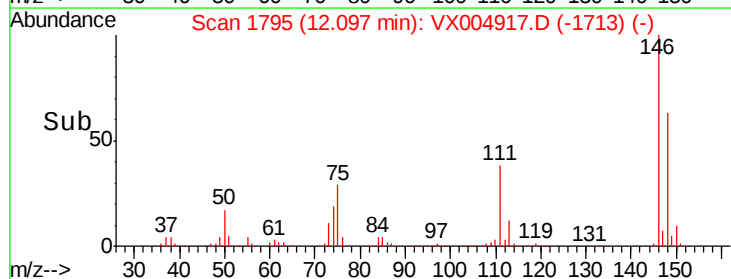
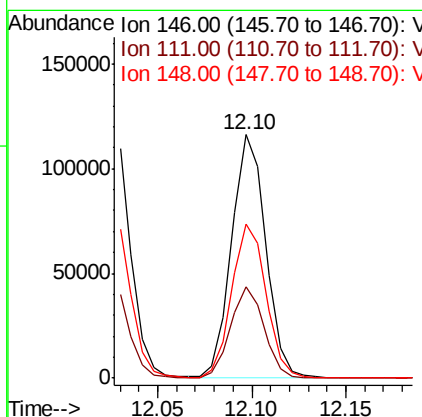
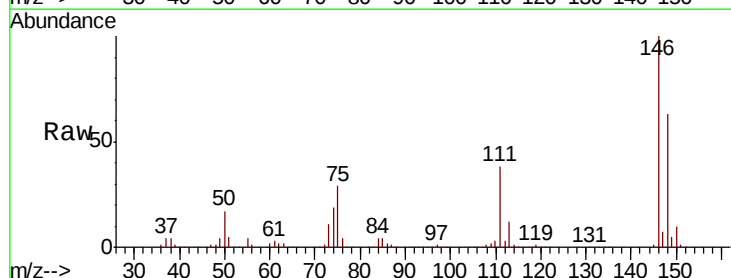
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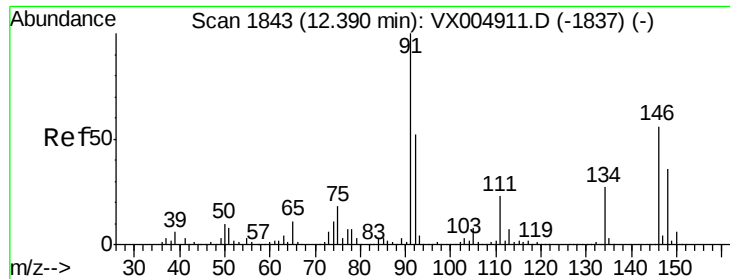
MMDadoda  
 10/3/2018 4:23:28 PM



#84  
 1,4-Dichlorobenzene  
 Concen: 19.388 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.8  | 18.1  | 54.4  |
| 148     | 63.6  | 31.9  | 95.7  |





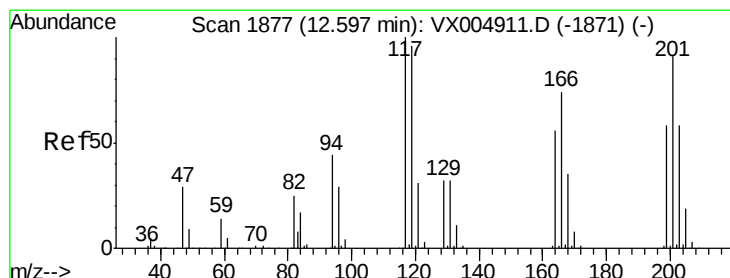
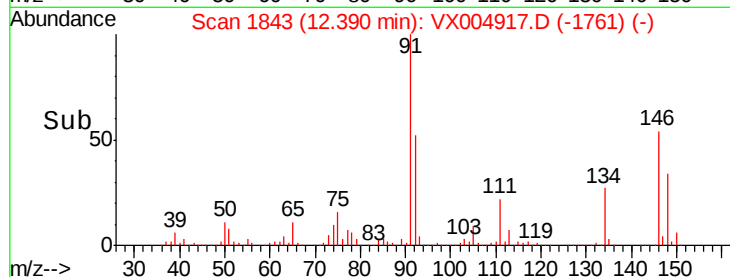
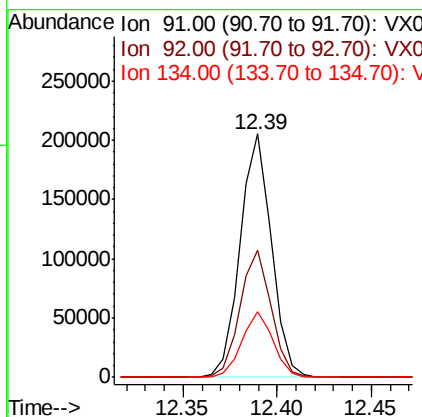
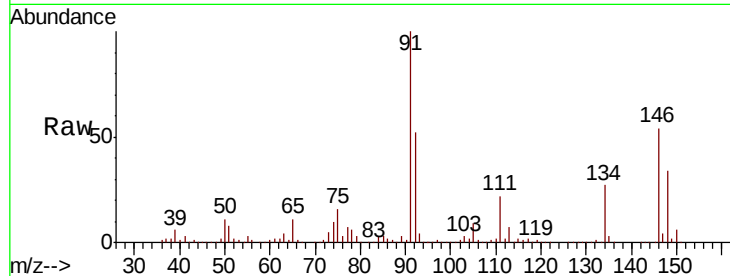
#85  
n-Butylbenzene  
Concen: 19.376 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampled :  
VX1002WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 236528 |       |       |
| 92      | 52.1  | 0.0    | 103.6 |       |
| 134     | 26.4  | 0.0    | 52.2  |       |

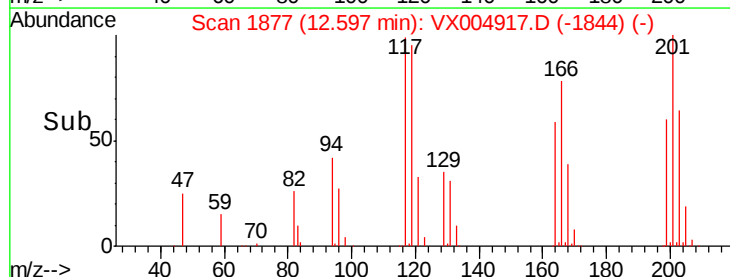
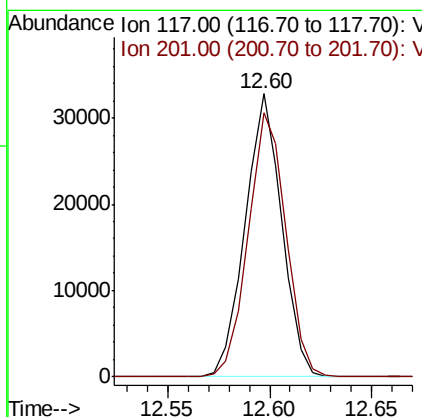
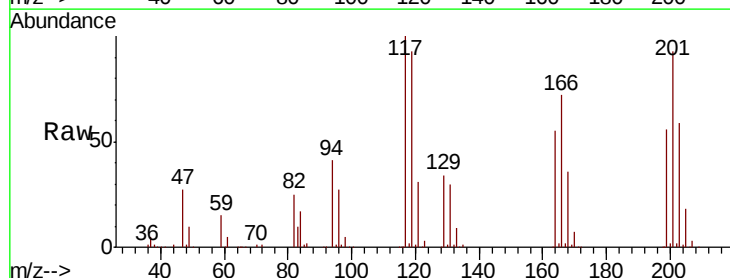
Manual Integrations  
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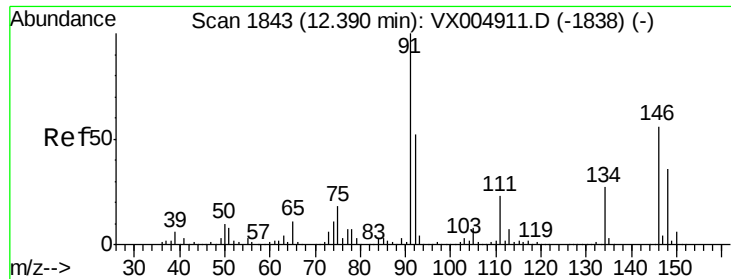
MMDadoda  
10/3/2018 4:23:28 PM



#86  
Hexachloroethane  
Concen: 18.493 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 40940 |       |       |
| 201     | 95.6  | 47.1  | 141.4 |       |





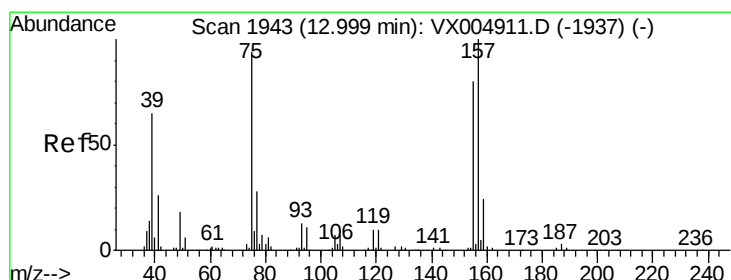
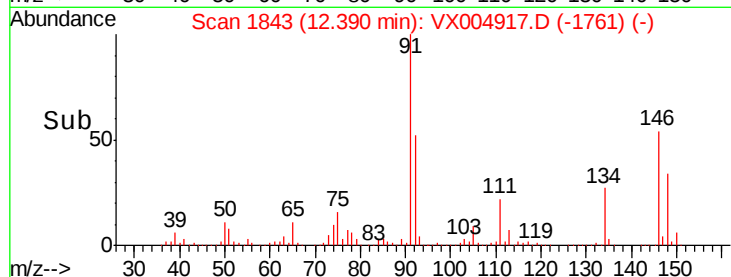
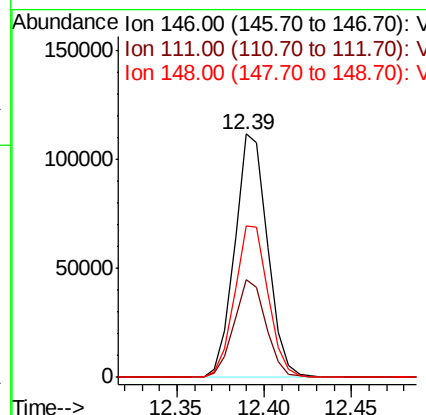
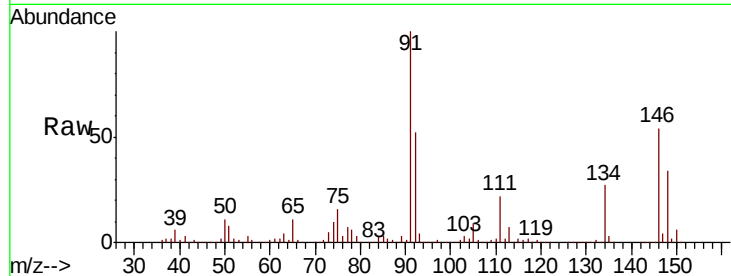
#87  
 1,2-Dichlorobenzene  
 Concen: 19.204 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.2  | 19.6  | 58.7  |
| 148     | 63.5  | 31.9  | 95.9  |

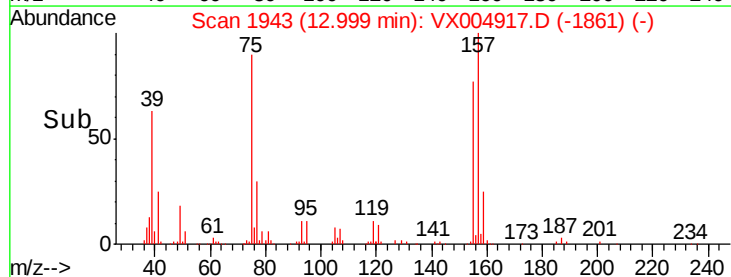
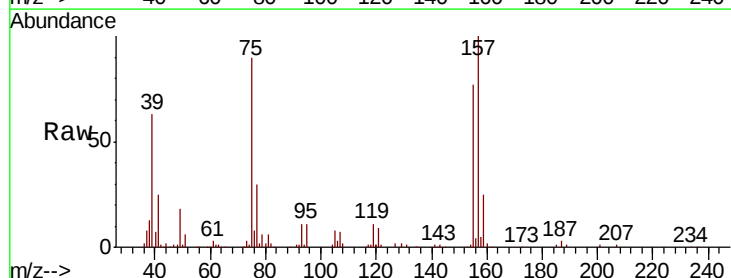
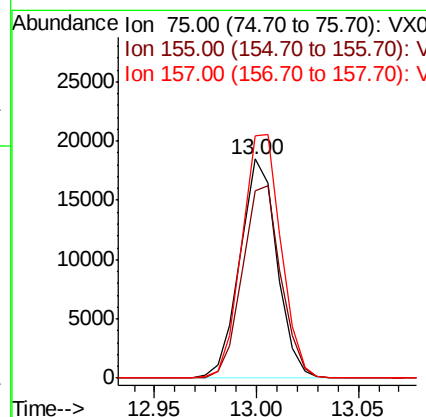
Manual Integrations  
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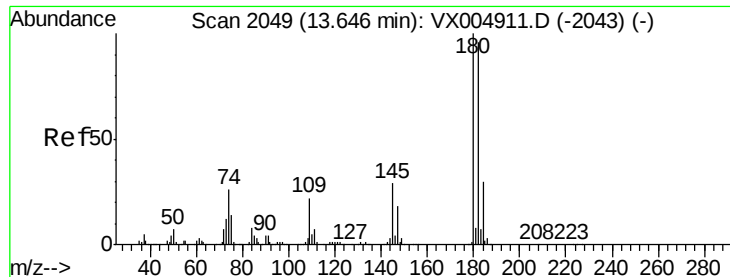
MMDadoda  
 10/3/2018 4:23:28 PM



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.507 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX004917.D  
 Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.5  | 71.6  | 107.4 |
| 157     | 117.2 | 91.3  | 136.9 |





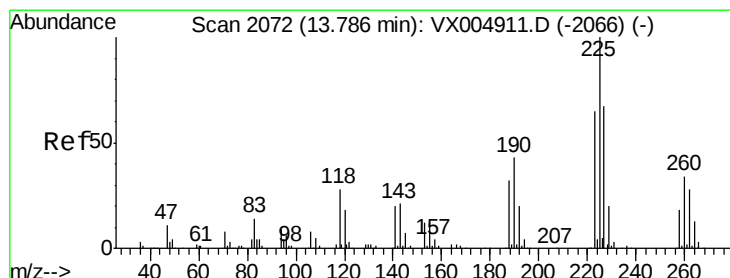
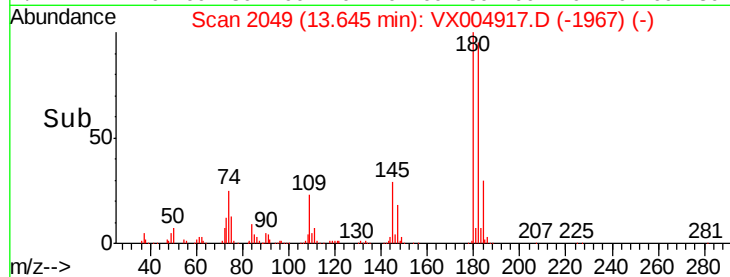
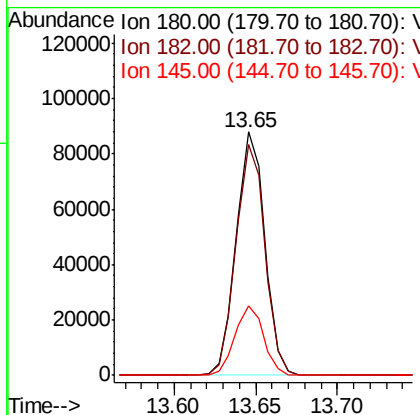
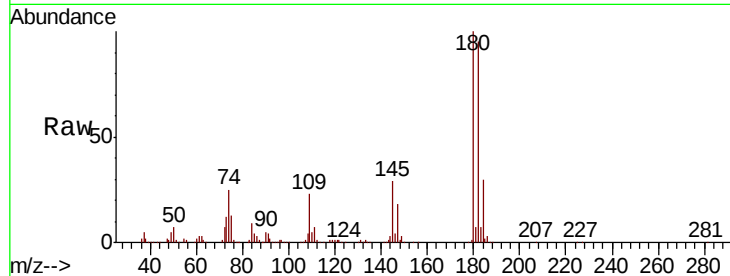
#89  
1,2,4-Trichlorobenzene  
Concen: 19.071 ug/l  
RT: 13.65 min Scan# 2049  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 107895 |       |       |
| 182     | 95.7  | 76.8   | 115.2 |       |
| 145     | 28.5  | 22.6   | 33.8  |       |

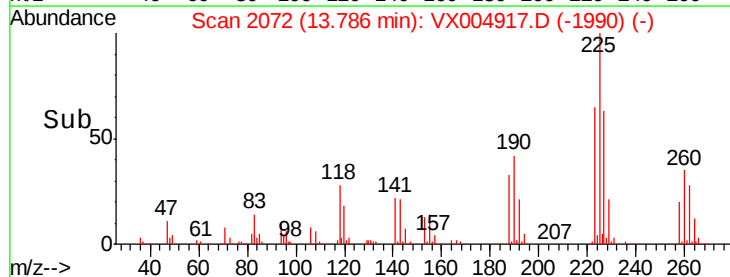
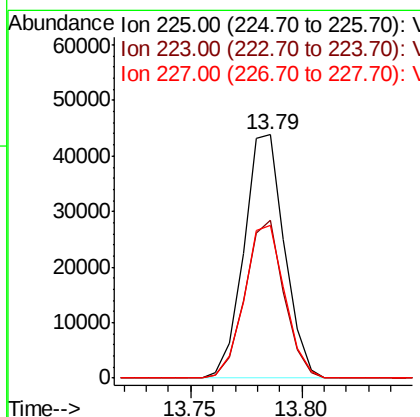
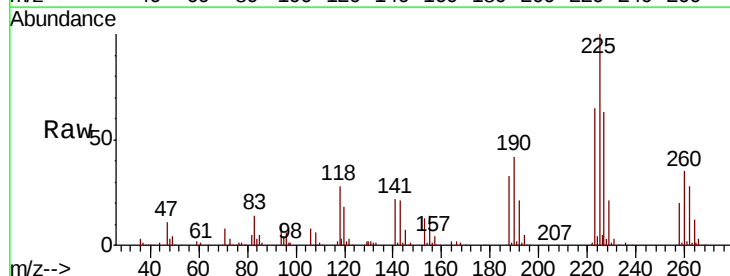
Manual Integrations  
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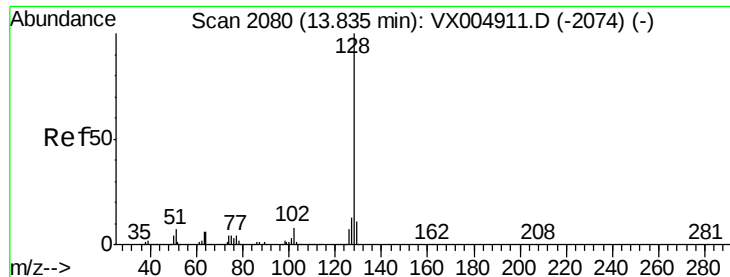
MMDadoda  
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#90  
Hexachlorobutadiene  
Concen: 19.915 ug/l  
RT: 13.79 min Scan# 2072  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 55622 |       |       |
| 223     | 62.2  | 0.0   | 126.6 |       |
| 227     | 62.9  | 0.0   | 129.6 |       |





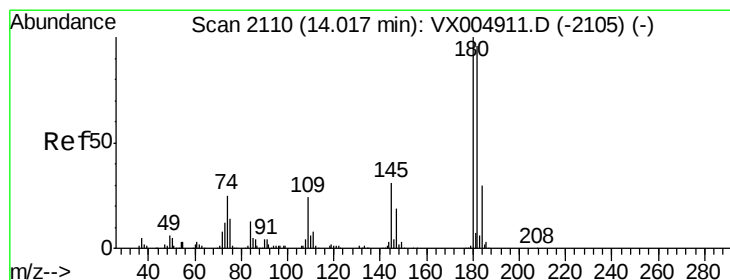
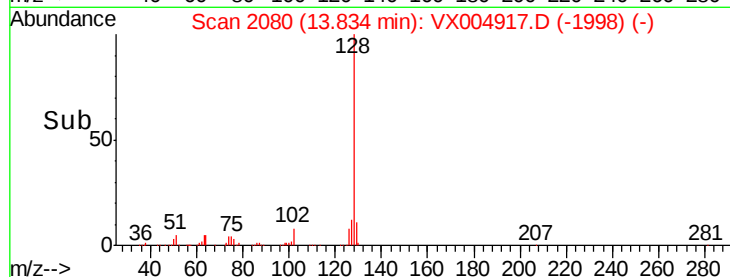
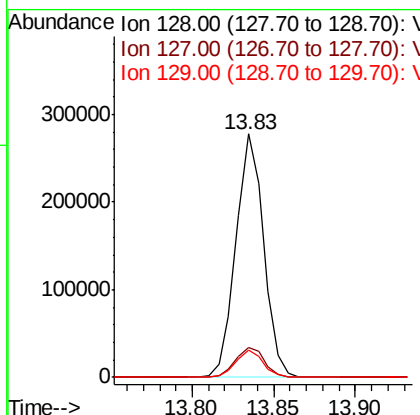
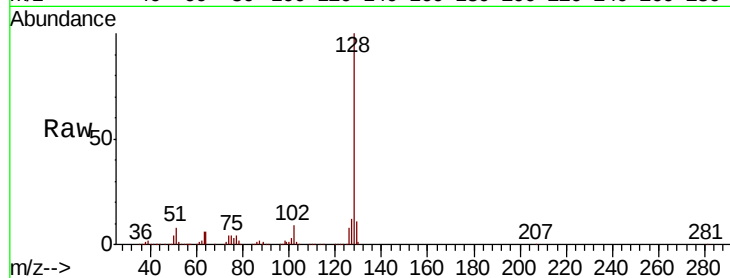
#91  
Naphthalene  
Concen: 18.739 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1002WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.5  | 15.7  |
| 129     | 10.9  | 8.6   | 13.0  |

Manual Integrations  
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#92  
1,2,3-Trichlorobenzene  
Concen: 19.212 ug/l  
RT: 14.02 min Scan# 2111  
Delta R.T. 0.01 min  
Lab File: VX004917.D  
Acq: 02 Oct 2018 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 0.0   | 192.2 |
| 145     | 29.6  | 0.0   | 60.4  |

