

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\  
 Data File : VX008168.D  
 Acq On : 18 Mar 2019 16:06  
 Operator : JC/SP  
 Sample : VX0318WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0318WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/19/2019 9:37:27 AM

Quant Time: Mar 19 03:17:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Mar 18 14:34:46 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.02  | 128  | 64462    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.86  | 114  | 366422   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.11 | 117  | 323289   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 6.06   | 65    | 162458   | 30.30    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 101.00% |
| 60) 4-Bromofluorobenzene  | 11.13  | 95    | 163182   | 30.24    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 100.80% |
| 63) Toluene-d8            | 8.71   | 98    | 467641   | 29.77    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 99.23%  |

## Target Compounds

|                               |      |     |        |               | Ovalue |
|-------------------------------|------|-----|--------|---------------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 58754  | 20.341 ug/l   | 98     |
| 3) Chloromethane              | 1.33 | 50  | 70921  | 19.479 ug/l   | 98     |
| 4) Vinyl Chloride             | 1.41 | 62  | 72586  | 19.333 ug/l   | 98     |
| 5) Bromomethane               | 1.64 | 94  | 47994  | 16.049 ug/l   | 99     |
| 6) Chloroethane               | 1.73 | 64  | 44673  | 19.034 ug/l   | 97     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 92688  | 19.607 ug/l   | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 51170  | 20.047 ug/l   | 84     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 67337  | 21.000 ug/l   | 92     |
| 10) 1,1-Dichloroethene        | 2.37 | 96  | 62106  | 20.504 ug/l   | 88     |
| 11) Methyl Iodide             | 2.51 | 142 | 76343  | 19.802 ug/l   | 98     |
| 12) Methyl Acetate            | 2.78 | 43  | 98740  | 19.917 ug/l   | 93     |
| 13) Acrolein                  | 2.29 | 56  | 66590  | 87.343 ug/l   | 97     |
| 14) Acrylonitrile             | 3.14 | 53  | 212327 | 96.518 ug/l   | 99     |
| 15) Acetone                   | 2.45 | 58  | 65419  | 92.553 ug/l   | 95     |
| 16) Carbon Disulfide          | 2.57 | 76  | 190643 | 19.742 ug/l   | 99     |
| 17) Allyl chloride            | 2.73 | 41  | 132063 | 19.948 ug/l   | 97     |
| 18) Methylene Chloride        | 2.86 | 84  | 71059  | 20.133 ug/l   | 88     |
| 19) trans-1,2-Dichloroethene  | 3.17 | 96  | 65600  | 20.159 ug/l   | 93     |
| 20) Diisopropyl ether         | 3.85 | 45  | 261915 | 20.201 ug/l # | 81     |
| 21) 1,1-Dichloroethane        | 3.70 | 63  | 135593 | 20.493 ug/l   | 97     |
| 22) cis-1,2-Dichloroethene    | 4.60 | 96  | 74573m | 20.102 ug/l   |        |
| 23) tert-Butyl Alcohol        | 3.04 | 59  | 78995  | 97.467 ug/l # | 100    |
| 24) Methyl tert-Butyl Ether   | 3.20 | 73  | 220837 | 20.097 ug/l   | 98     |
| 25) Chloroform                | 5.21 | 83  | 126990 | 20.345 ug/l   | 93     |
| 26) Cyclohexane               | 5.58 | 56  | 130847 | 20.742 ug/l # | 85     |
| 29) 1,1-Dichloropropene       | 5.81 | 75  | 97738  | 20.042 ug/l   | 94     |
| 30) 2-Butanone                | 4.67 | 43  | 322928 | 94.463 ug/l # | 89     |
| 31) 2,2-Dichloropropane       | 4.59 | 77  | 98366  | 19.999 ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 104669 | 20.263 ug/l # | 94     |
| 33) Carbon Tetrachloride      | 5.79 | 117 | 88895  | 20.506 ug/l   | 93     |
| 34) Benzene                   | 6.15 | 78  | 294732 | 20.211 ug/l   | 98     |
| 35) Methacrylonitrile         | 5.04 | 41  | 65107  | 19.575 ug/l   | 92     |
| 36) 1,2-Dichloroethane        | 6.20 | 62  | 109148 | 20.621 ug/l   | 96     |
| 37) Trichloroethene           | 7.21 | 130 | 70555  | 20.303 ug/l   | 84     |
| 38) Methylcyclohexane         | 7.46 | 83  | 118968 | 20.084 ug/l   | 89     |
| 39) 1,2-Dichloropropane       | 7.51 | 63  | 78329  | 19.723 ug/l   | 98     |
| 40) Dibromomethane            | 7.66 | 93  | 48384  | 19.898 ug/l   | 89     |

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 Operator : JC/SP  
 Sample : VX0318WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0318WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/19/2019 9:37:27 AM

Quant Time: Mar 19 03:17:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Mar 18 14:34:46 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 41) Bromodichloromethane       | 7.90  | 83   | 92567    | 19.687  | ug/l   | 99       |
| 42) Vinyl Acetate              | 3.82  | 43   | 1138913  | 99.062  | ug/l # | 94       |
| 43) Ethyl Acetate              | 4.84  | 43   | 115245   | 19.015  | ug/l # | 82       |
| 44) Isopropyl Acetate          | 6.45  | 43   | 183085   | 19.476  | ug/l   | 98       |
| 45) 1,4-Dioxane                | 7.74  | 88   | 33860    | 385.579 | ug/l # | 82       |
| 46) Methyl methacrylate        | 7.77  | 41   | 96681    | 19.492  | ug/l   | 91       |
| 47) n-amyl Acetate             | 10.90 | 43   | 158873   | 19.778  | ug/l   | 96       |
| 48) t-1,3-Dichloropropene      | 9.04  | 75   | 103569   | 19.929  | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene    | 8.43  | 75   | 114659   | 19.832  | ug/l   | 95       |
| 50) 1,1,2-Trichloroethane      | 9.21  | 97   | 71163    | 20.384  | ug/l   | 97       |
| 51) Ethyl methacrylate         | 9.18  | 69   | 113724   | 20.095  | ug/l   | 92       |
| 52) 1,3-Dichloropropane        | 9.37  | 76   | 126534   | 20.242  | ug/l   | 99       |
| 53) Dibromochloromethane       | 9.58  | 129  | 67045    | 19.861  | ug/l   | 100      |
| 54) 1,2-Dibromoethane          | 9.67  | 107  | 73672    | 20.219  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether  | 8.31  | 63   | 394964   | 98.024  | ug/l   | 95       |
| 56) Bromoform                  | 10.85 | 173  | 48016    | 19.771  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone       | 8.64  | 43   | 617663   | 99.898  | ug/l   | 96       |
| 59) 2-Hexanone                 | 9.49  | 43   | 474264   | 97.221  | ug/l   | 97       |
| 61) Tetrachloroethene          | 9.34  | 164  | 68197    | 20.946  | ug/l   | 98       |
| 62) Toluene                    | 8.78  | 91   | 307692   | 20.124  | ug/l   | 99       |
| 64) Chlorobenzene              | 10.14 | 112  | 183350   | 20.149  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 63745    | 19.978  | ug/l   | 98       |
| 66) Ethyl Benzene              | 10.25 | 91   | 330562   | 20.242  | ug/l   | 95       |
| 67) m/p-Xylenes                | 10.36 | 106  | 242071   | 40.126  | ug/l   | 91       |
| 68) o-Xylene                   | 10.69 | 106  | 118258   | 20.400  | ug/l   | 92       |
| 69) Styrene                    | 10.71 | 104  | 190306   | 20.154  | ug/l   | 95       |
| 70) Isopropylbenzene           | 11.02 | 105  | 320985   | 20.535  | ug/l   | 95       |
| 71) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 111724   | 20.405  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane     | 11.29 | 75   | 112299m  | 23.784  | ug/l   |          |
| 73) Bromobenzene               | 11.26 | 156  | 74243    | 20.064  | ug/l   | 81       |
| 74) n-propylbenzene            | 11.36 | 91   | 372982   | 20.154  | ug/l   | 95       |
| 75) 2-Chlorotoluene            | 11.42 | 91   | 221045   | 20.331  | ug/l   | 91       |
| 76) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 261814   | 20.255  | ug/l   | 96       |
| 77) t-1,4-Dichloro-2-butene    | 11.07 | 75   | 33120    | 19.521  | ug/l   | 97       |
| 78) 4-Chlorotoluene            | 11.51 | 91   | 250255   | 19.983  | ug/l   | 92       |
| 79) tert-butylbenzene          | 12.06 | 119  | 269346   | 20.462  | ug/l   | 96       |
| 80) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 267087   | 20.470  | ug/l   | 94       |
| 81) sec-Butylbenzene           | 11.94 | 105  | 313302   | 20.296  | ug/l   | 96       |
| 82) p-Isopropyltoluene         | 12.06 | 119  | 269346   | 20.462  | ug/l   | 96       |
| 83) 1,3-Dichlorobenzene        | 12.02 | 146  | 134158   | 20.231  | ug/l   | 96       |
| 84) 1,4-Dichlorobenzene        | 12.10 | 146  | 132450   | 20.125  | ug/l   | 96       |
| 85) n-Butylbenzene             | 12.38 | 91   | 246268   | 19.841  | ug/l   | 97       |
| 86) Hexachloroethane           | 12.60 | 117  | 44959    | 19.925  | ug/l   | 98       |
| 87) 1,2-Dichlorobenzene        | 12.39 | 146  | 133989   | 20.278  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 23400    | 19.299  | ug/l # | 75       |
| 89) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 88914    | 20.658  | ug/l   | 99       |
| 90) Hexachlorobutadiene        | 13.78 | 225  | 45320    | 20.290  | ug/l   | 99       |
| 91) Naphthalene                | 13.83 | 128  | 282285   | 20.249  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene     | 14.02 | 180  | 87245    | 20.294  | ug/l   | 99       |
| -----                          |       |      |          |         |        |          |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\  
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Acq On : 18 Mar 2019 16:06  
Operator : JC/SP  
Sample : VX0318WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

Manual Integrations  
APPROVED

MMDadoda  
3/19/2019 9:37:27 AM

Quant Time: Mar 19 03:17:33 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Mon Mar 18 14:34:46 2019  
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

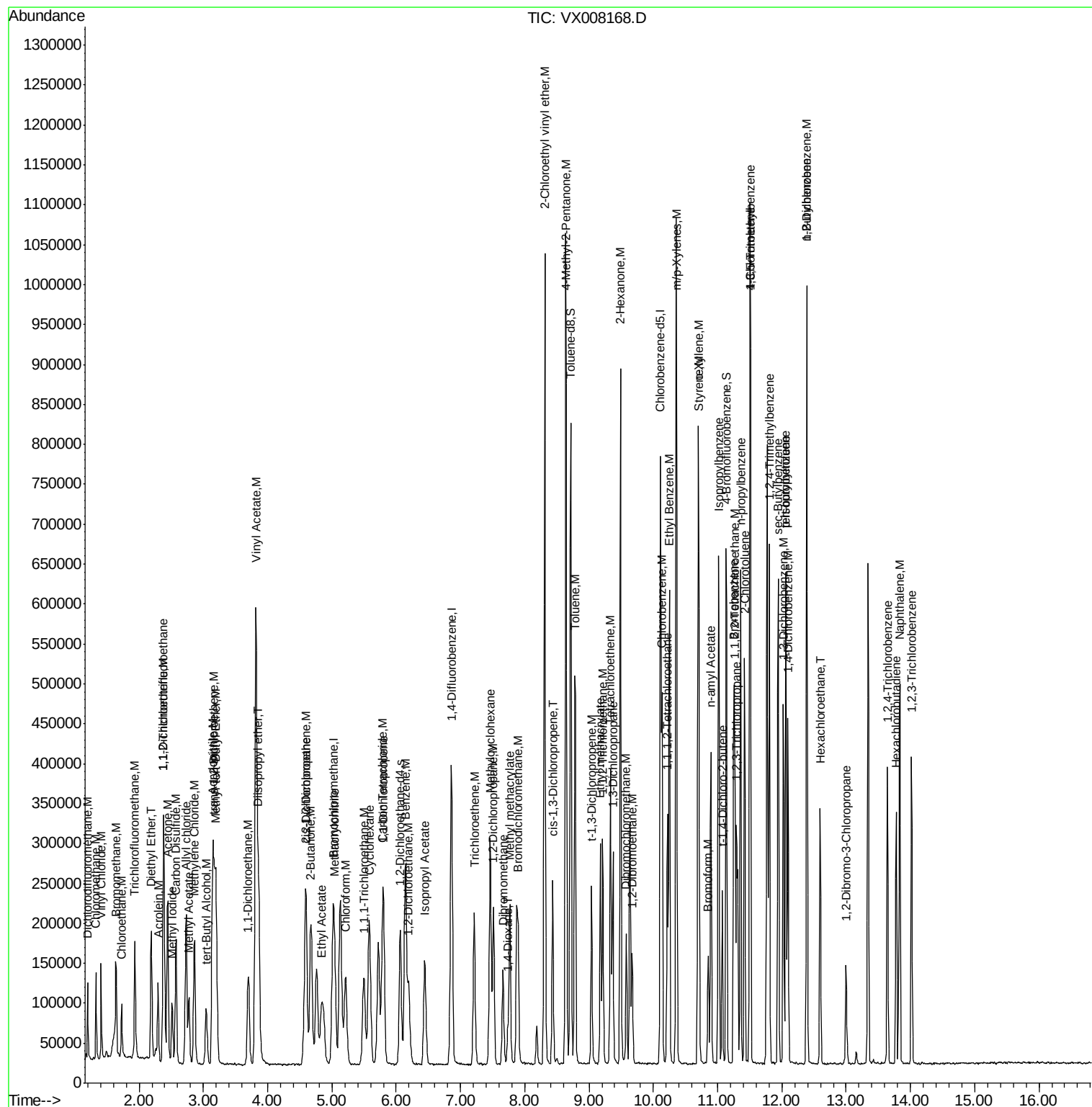
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Data File : VX008168.D  
Acq On : 18 Mar 2019 16:06  
Operator : JC/SP  
Sample : VX0318WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 12 Sample Multiplier: 1

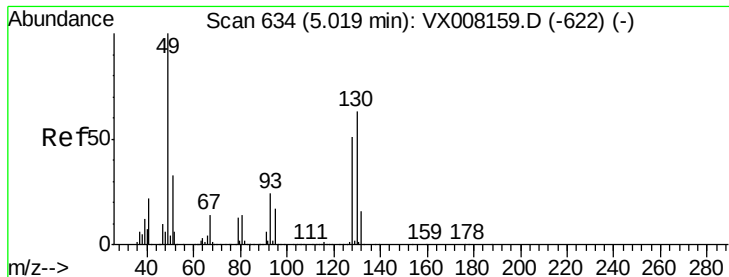
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

Manual Integrations  
APPROVED

MMDadoda  
3/19/2019 9:37:27 AM

Quant Time: Mar 19 03:17:33 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Mon Mar 18 14:34:46 2019  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

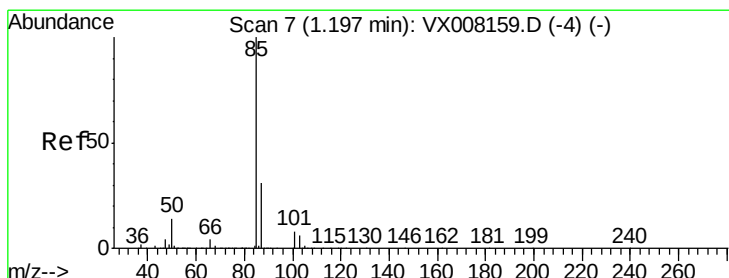
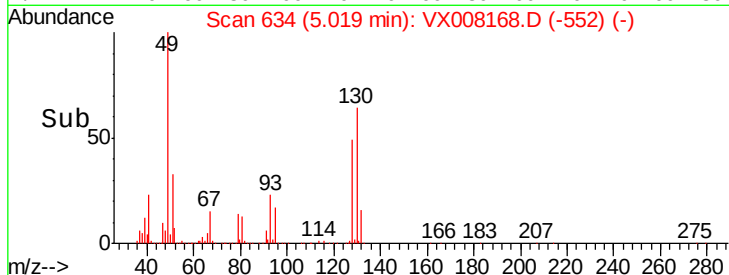
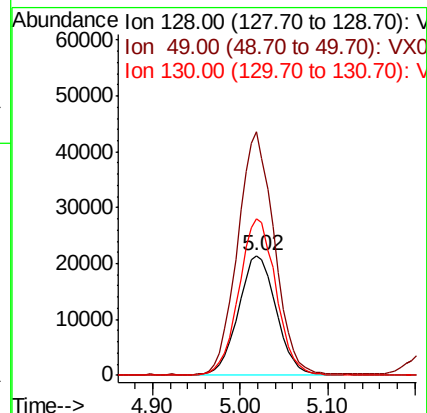
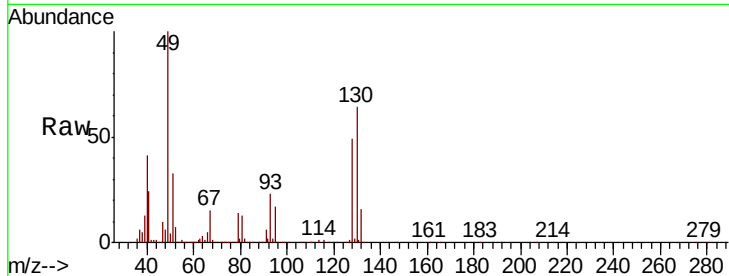
ClientSampleId :

VX0318WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 64462 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 197.4 | 0.0   | 350.8 |
| 130      | 128.5 | 0.0   | 325.8 |

Manual Integrations  
APPROVED

MMDadoda  
3/19/2019 9:37:27 AM



#2

Dichlorodifluoromethane

Concen: 20.341 ug/l

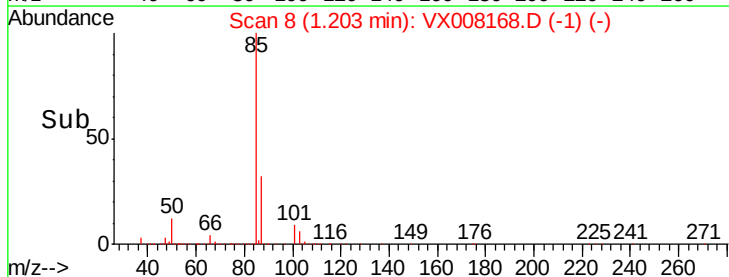
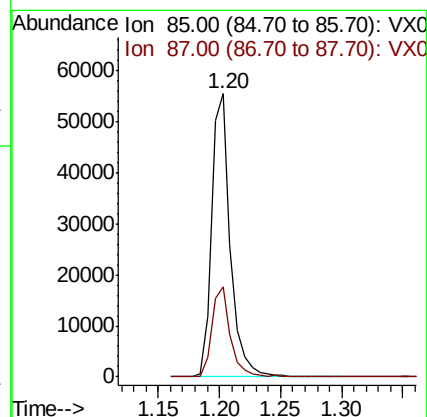
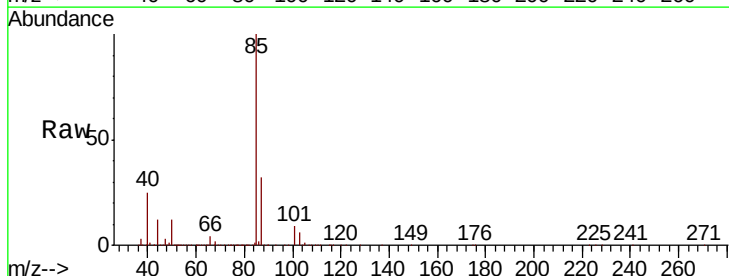
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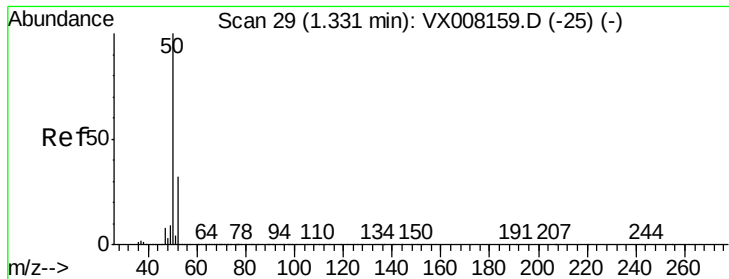
Delta R.T. 0.01 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 58754 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 31.8  | 16.6  | 49.8  |





#3

Chloromethane

Concen: 19.479 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0318WBS01

Tot Ion: 50 Resp: 70921

Ion Ratio Lower Upper

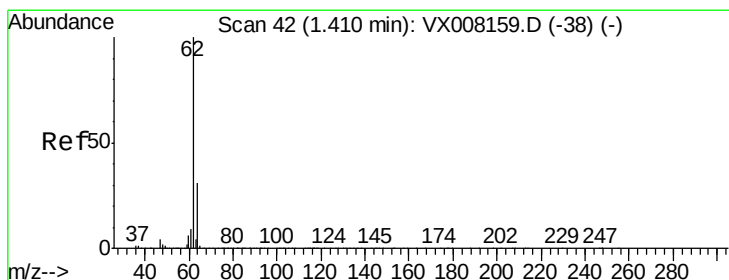
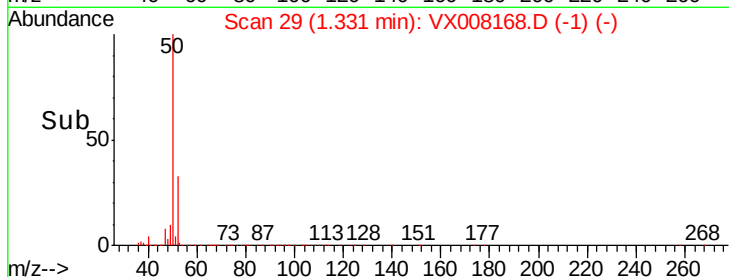
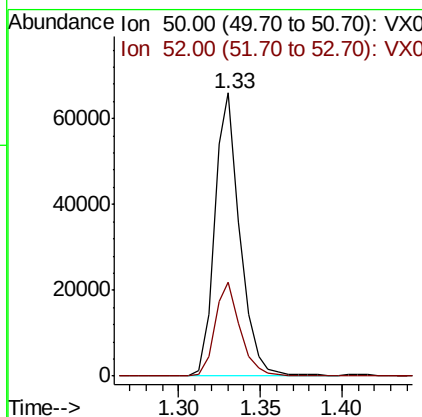
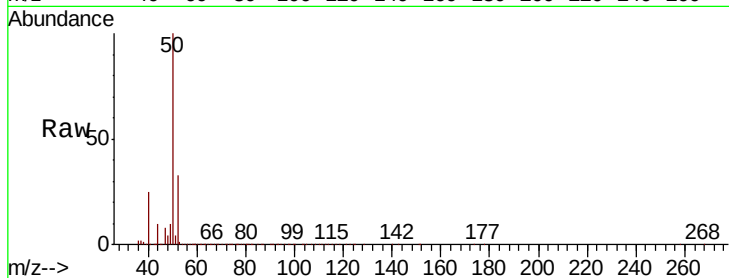
50 100

52 33.2 27.5 41.3

Manual Integrations  
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3/19/2019 9:37:27 AM



#4

Vinyl Chloride

Concen: 19.333 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008168.D

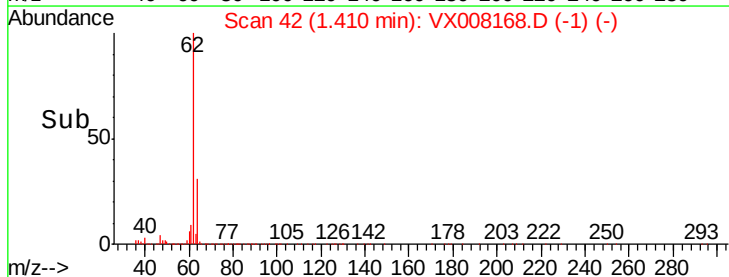
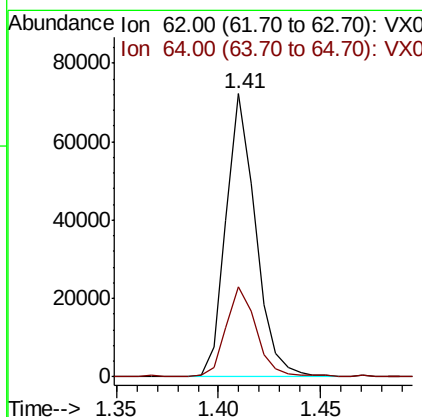
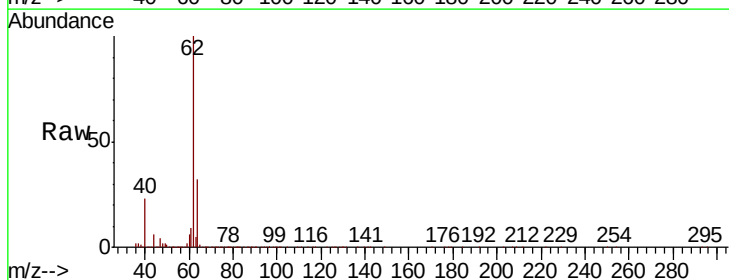
Acq: 18 Mar 2019 16:06

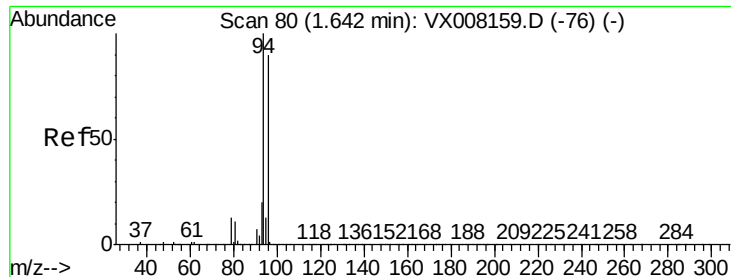
Tgt Ion: 62 Resp: 72586

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9





#5

Bromomethane

Concen: 16.049 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0318WBS01

Tot Ion: 94 Resp: 47994

Ion Ratio Lower Upper

94 100

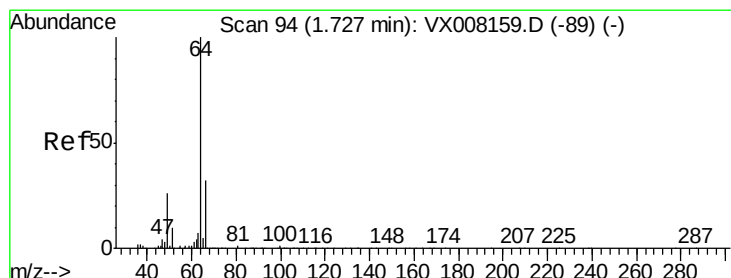
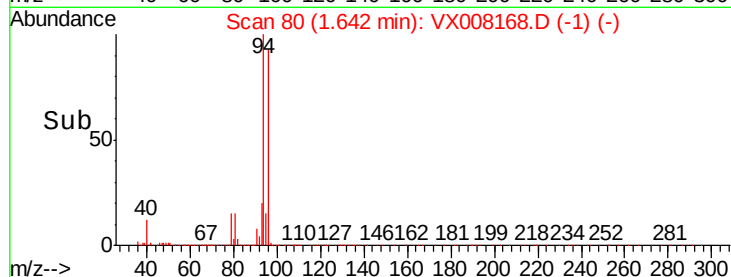
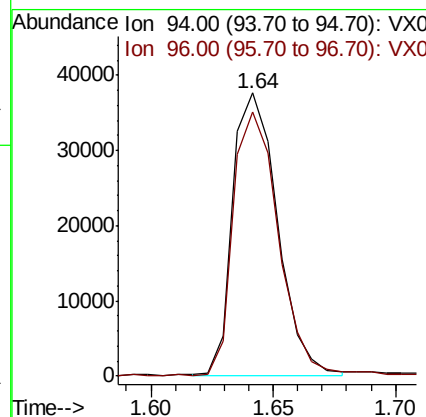
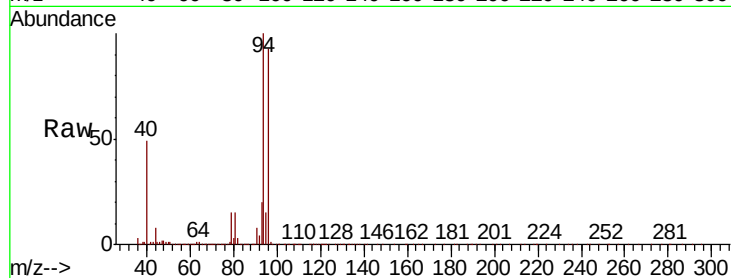
96 93.3 75.6 113.4

Manual Integrations

APPROVED

MMDadoda

3/19/2019 9:37:27 AM



#6

Chloroethane

Concen: 19.034 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX008168.D

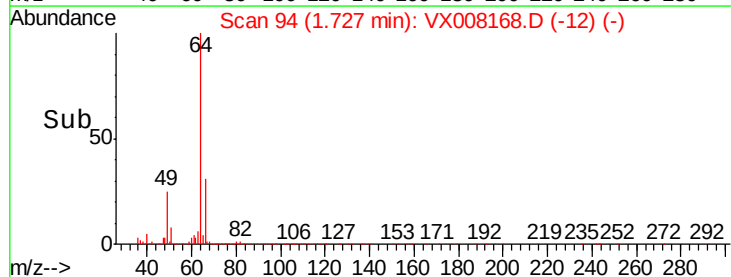
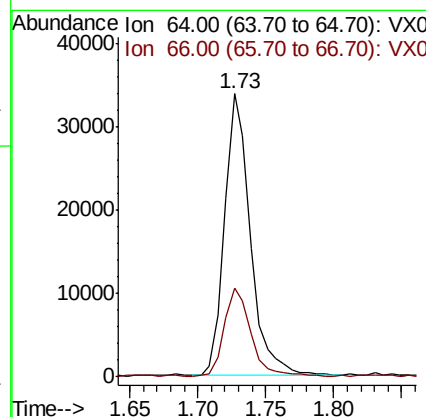
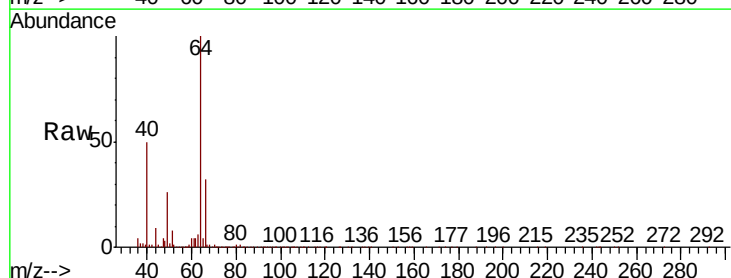
Acq: 18 Mar 2019 16:06

Tgt Ion: 64 Resp: 44673

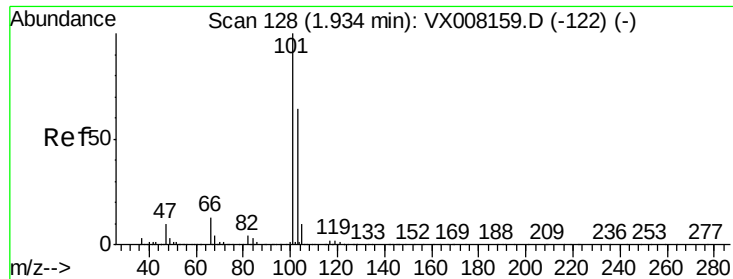
Ion Ratio Lower Upper

64 100

66 31.5 23.9 35.9







#7

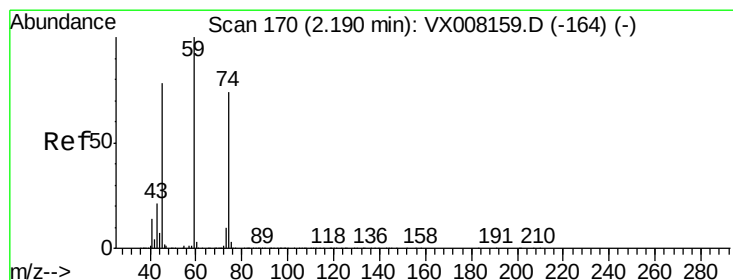
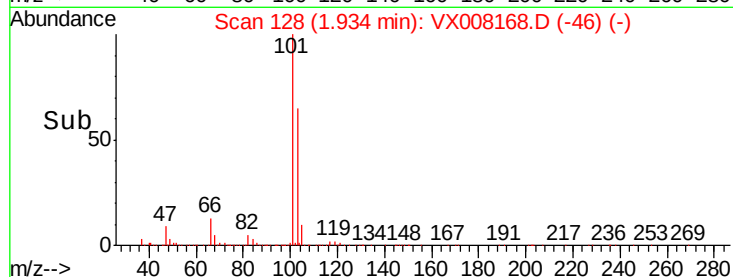
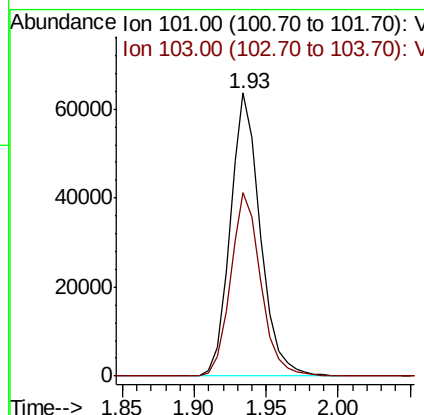
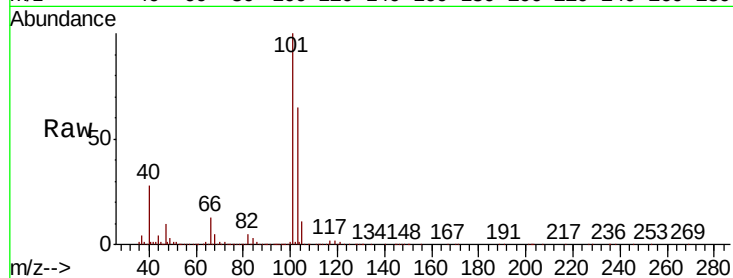
Trichlorofluoromethane  
Concen: 19.607 ug/l  
RT: 1.93 min Scan# 128  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.6  | 50.4  | 75.6  |

Manual Integrations  
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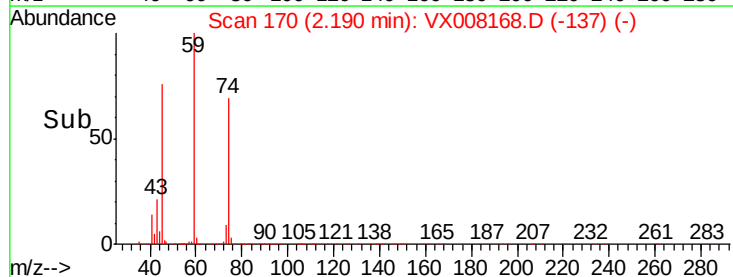
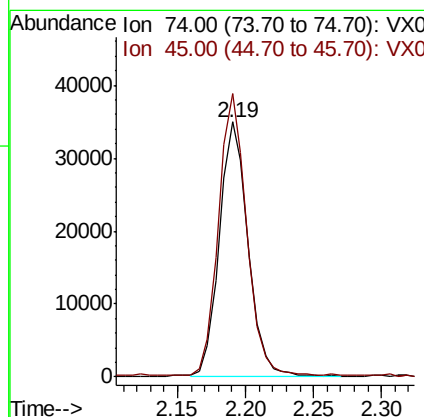
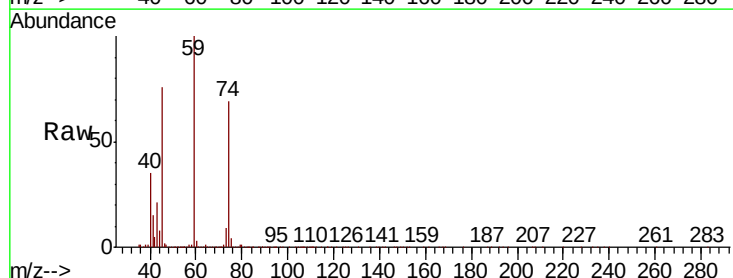
MMDadoda  
3/19/2019 9:37:27 AM



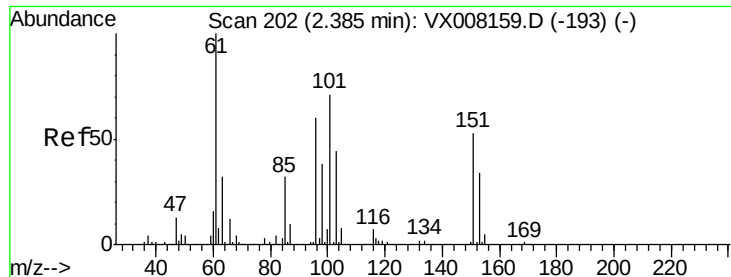
#8

Diethyl Ether  
Concen: 20.047 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 108.7 | 18.6  | 167.8 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.000 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

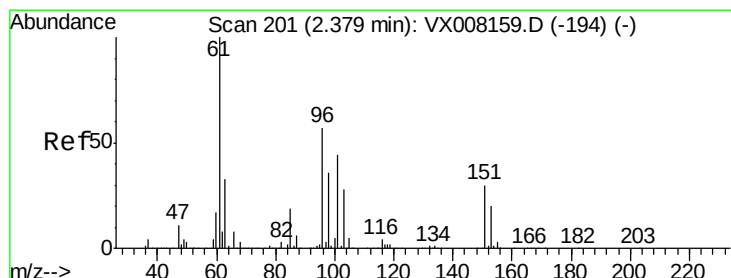
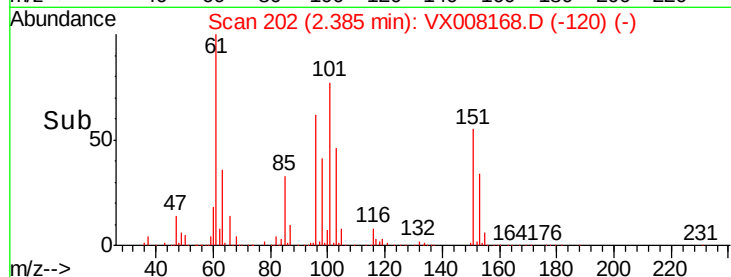
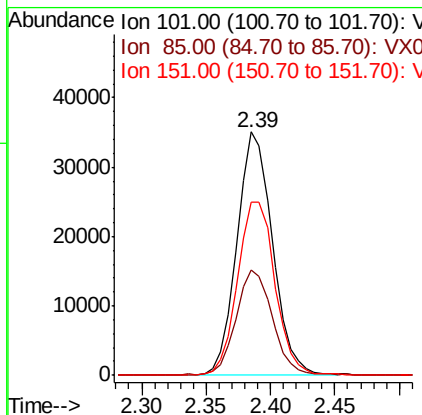
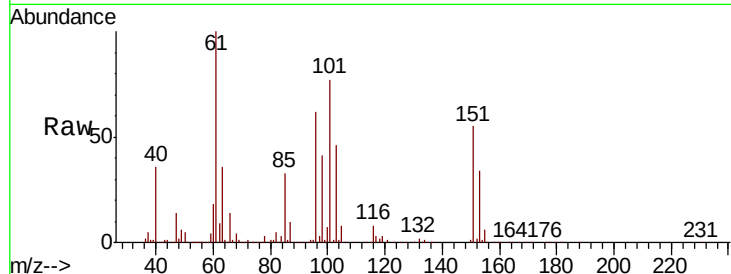
ClientSampleId :

VX0318WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 67337 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.9  | 0.0   | 86.8  |
| 151       | 74.6  | 0.0   | 169.2 |

Manual Integrations  
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#10

1,1-Dichloroethene

Concen: 20.504 ug/l

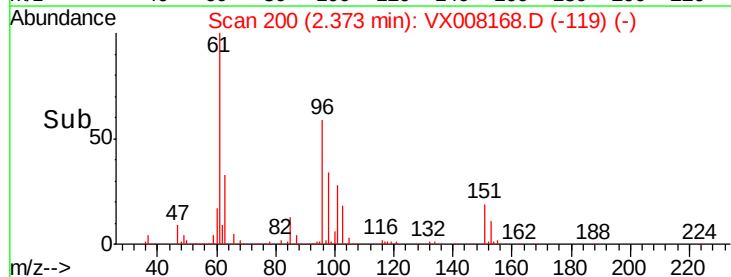
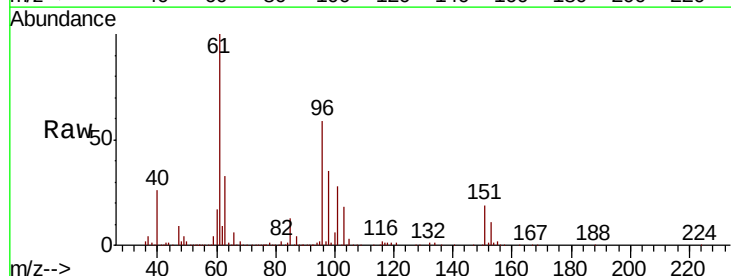
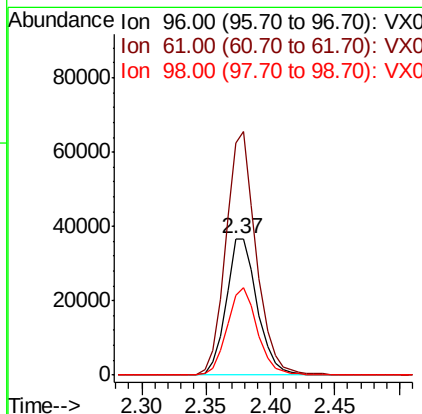
RT: 2.37 min Scan# 200

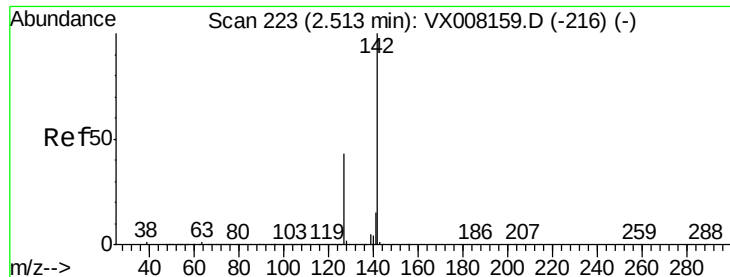
Delta R.T. -0.01 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 62106 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 169.6 | 120.2 | 180.2 |
| 98        | 58.6  | 49.0  | 73.4  |





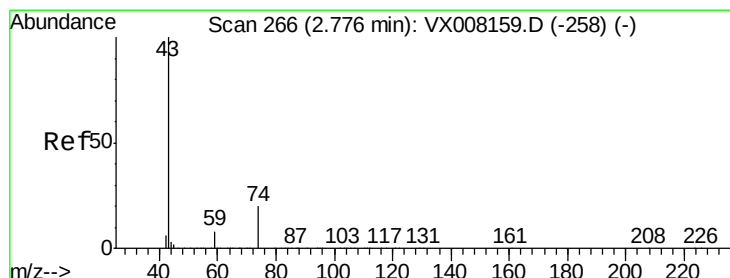
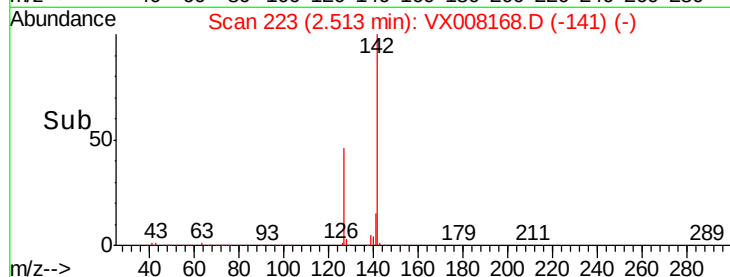
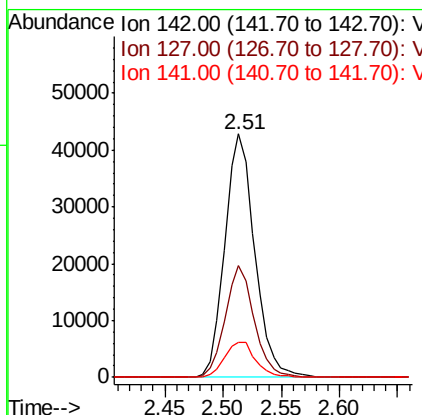
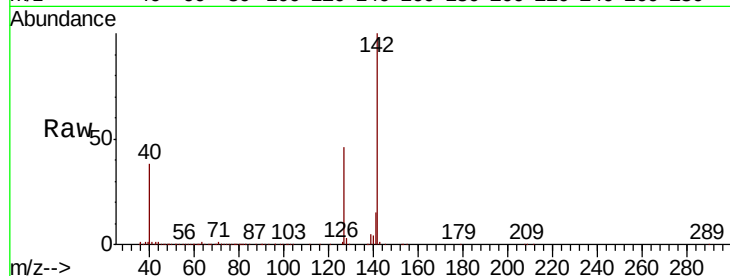
#11  
Methvl Iodide  
Concen: 19.802 ug/l  
RT: 2.51 min Scan# 223  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 45.7  | 22.1  | 66.5  |
| 141     | 14.5  | 7.4   | 22.3  |

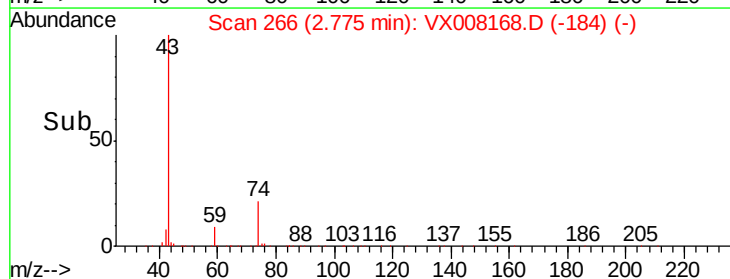
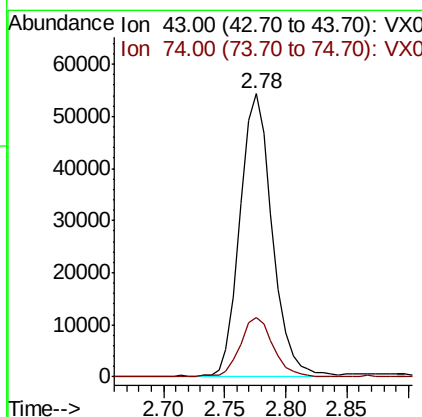
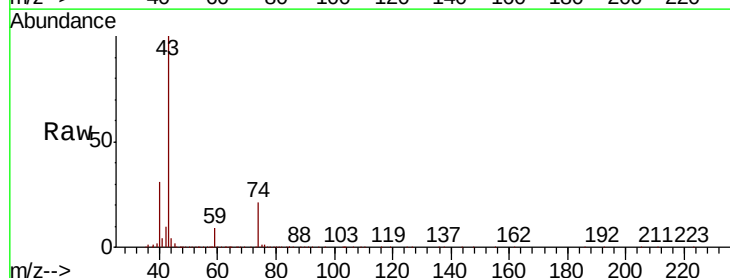
Manual Integrations  
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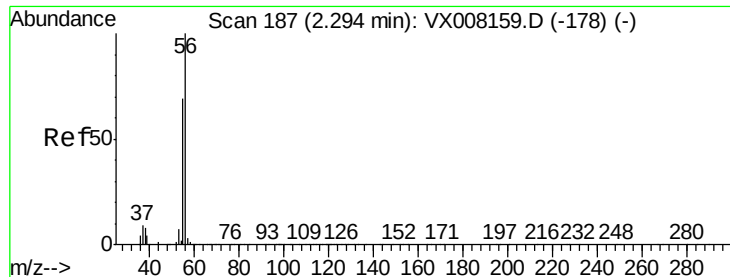
MMDadoda  
3/19/2019 9:37:27 AM



#12  
Methyl Acetate  
Concen: 19.917 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 20.5  | 19.4  | 29.0  |





#13

Acrolein

Concen: 87.343 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0318WBS01

Tot Ion: 56 Resp: 66590

Ion Ratio Lower Upper

56 100

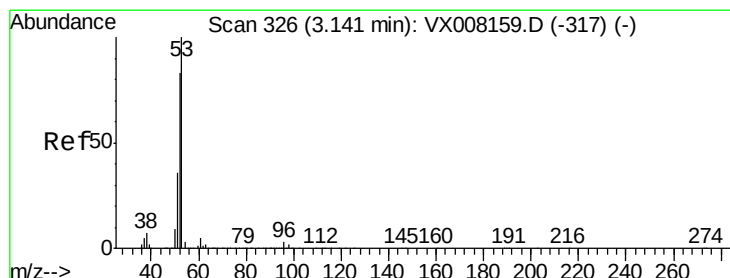
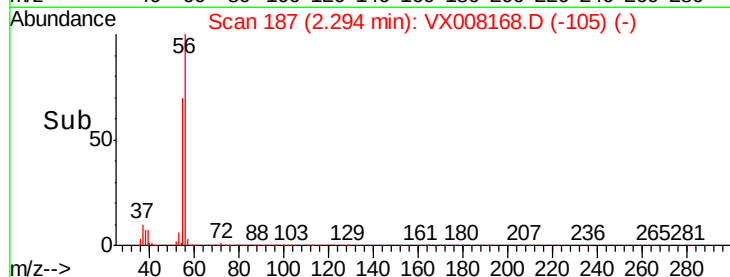
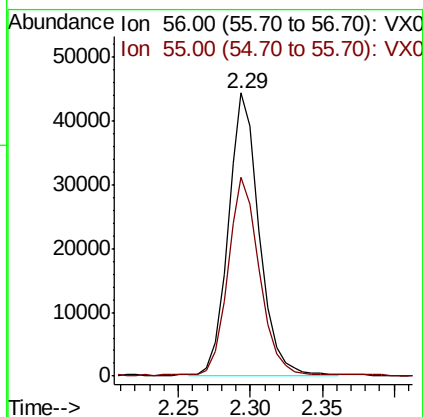
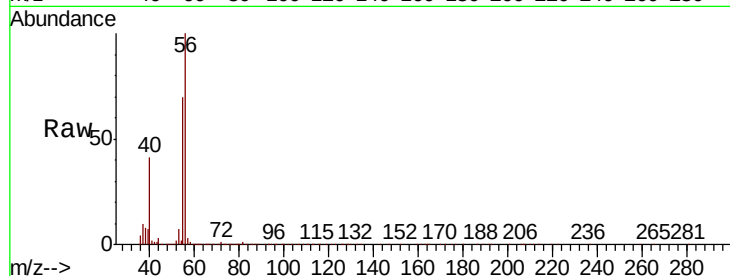
55 70.4 58.6 87.8

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#14

Acrylonitrile

Concen: 96.518 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

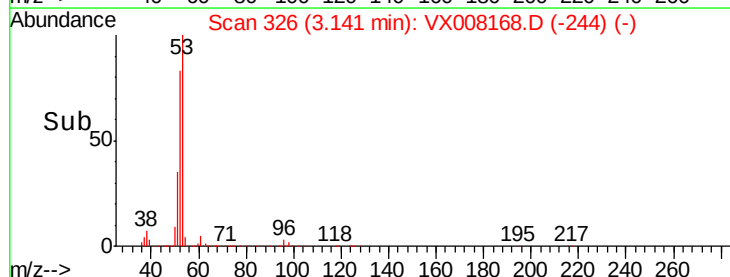
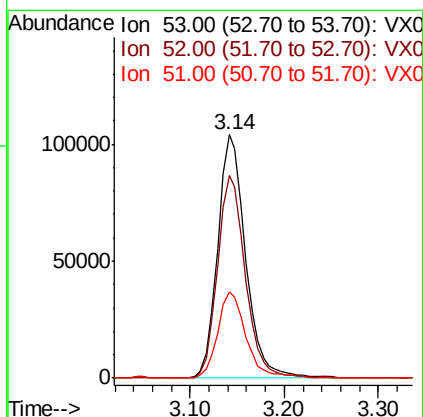
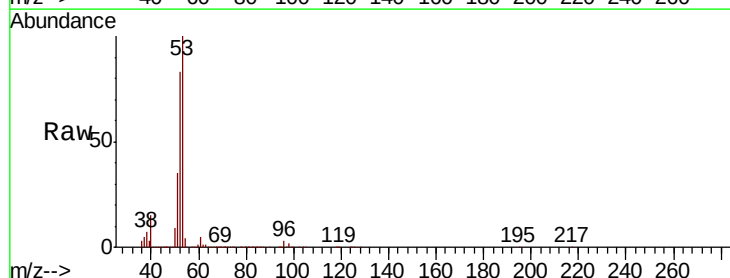
Tgt Ion: 53 Resp: 212327

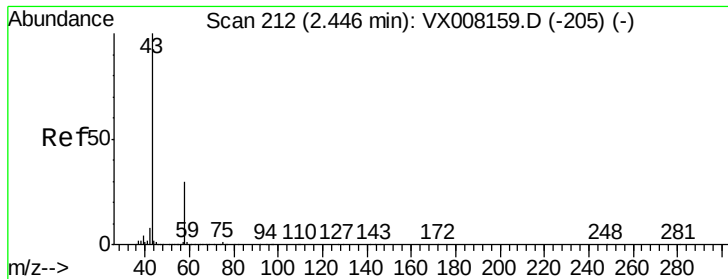
Ion Ratio Lower Upper

53 100

52 83.1 41.3 124.1

51 35.9 17.5 52.6





#15

Acetone

Concen: 92.553 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0318WBS01

Tot Ion: 58 Resp: 65419

Ion Ratio Lower Upper

58 100

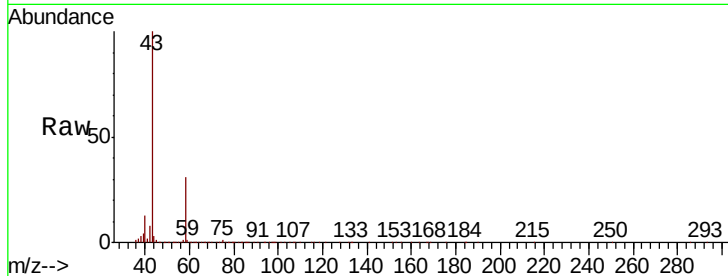
43 322.9 249.8 374.6

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

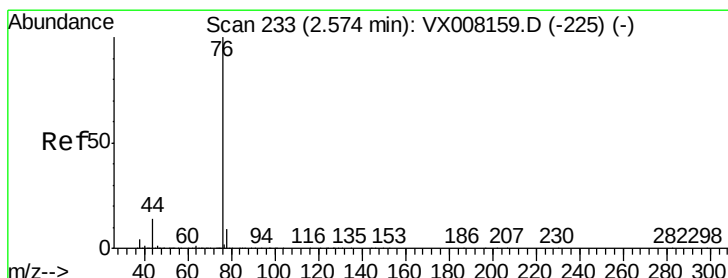
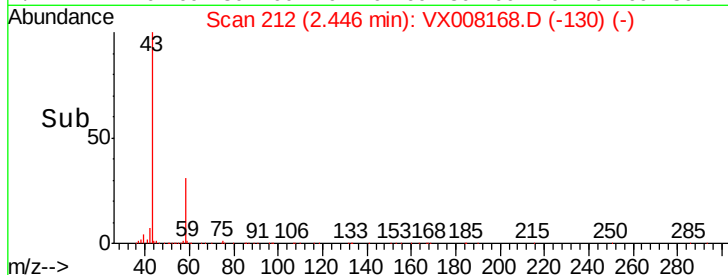
100000

50000

0

2.40 2.45 2.50

Time-->



#16

Carbon Disulfide

Concen: 19.742 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX008168.D

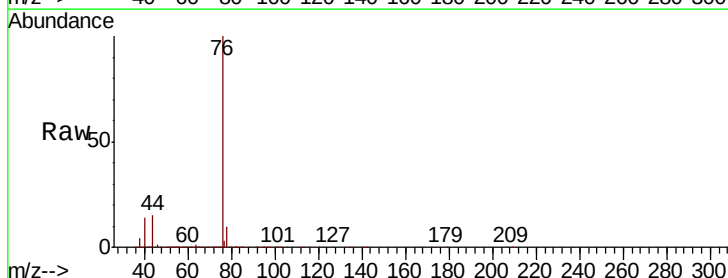
Acq: 18 Mar 2019 16:06

Tgt Ion: 76 Resp: 190643

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

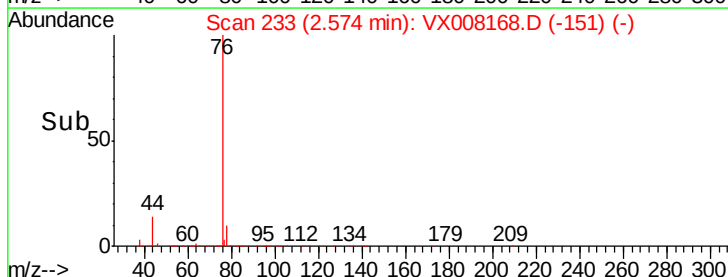
100000

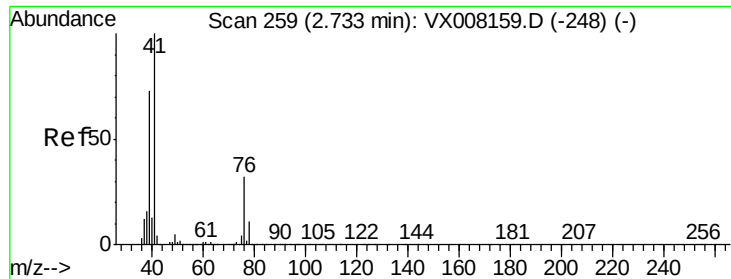
50000

0

2.50 2.55 2.60 2.65 2.70

Time-->





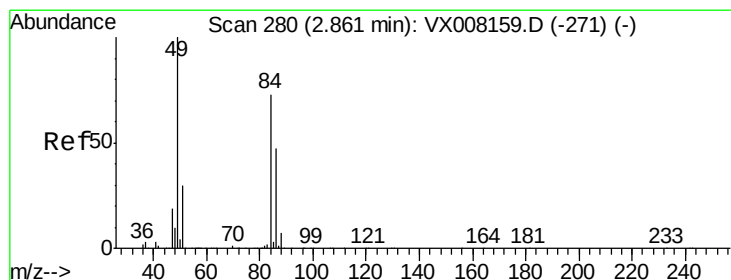
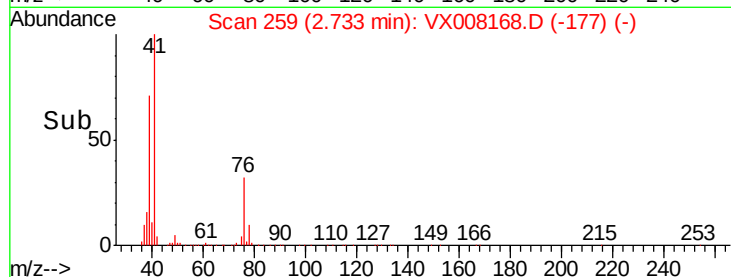
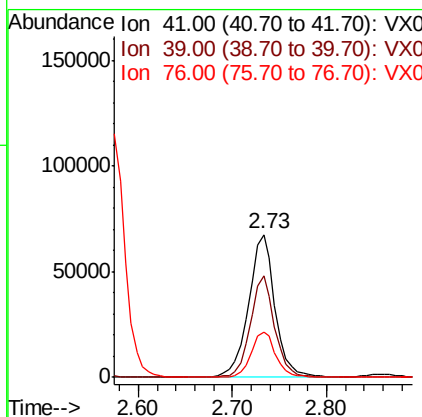
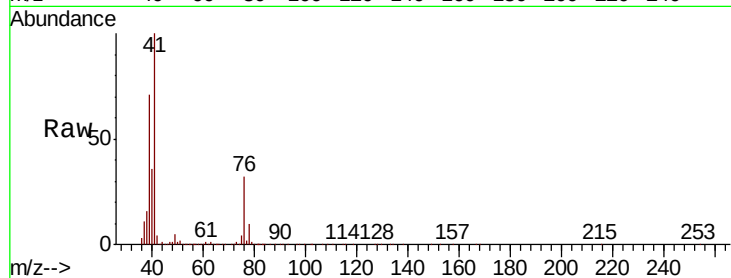
#17  
Allvl chloride  
Concen: 19.948 ug/l  
RT: 2.73 min Scan# 259  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 71.0  | 35.8  | 107.4 |
| 76      | 32.0  | 18.3  | 54.9  |

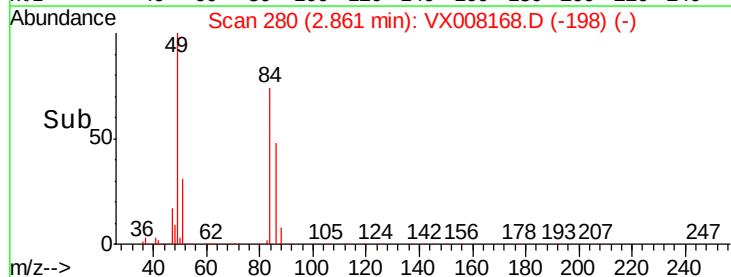
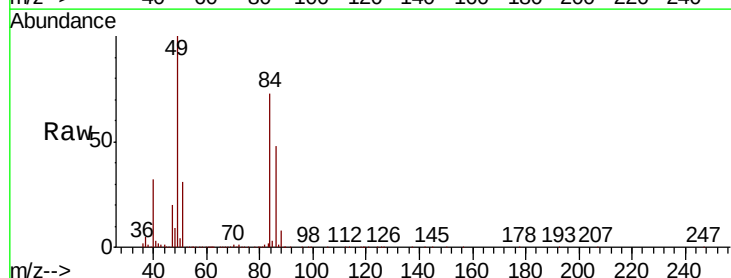
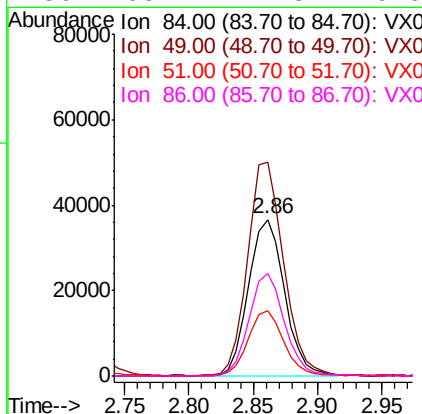
Manual Integrations  
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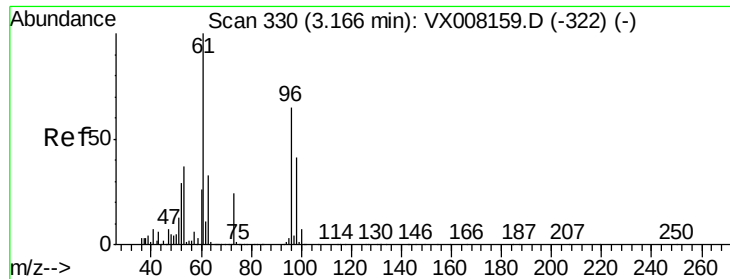
MMDadoda  
3/19/2019 9:37:27 AM



#18  
Methylene Chloride  
Concen: 20.133 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 136.5 | 96.1  | 144.1 |
| 51      | 41.5  | 29.1  | 43.7  |
| 86      | 65.4  | 47.3  | 70.9  |





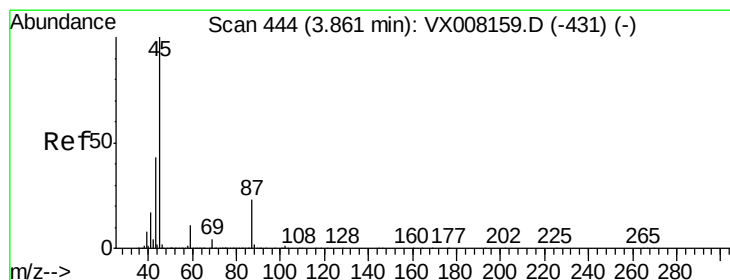
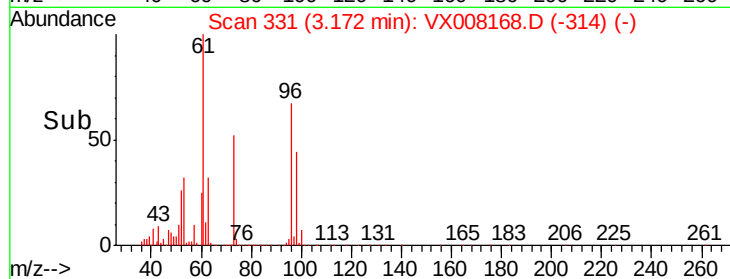
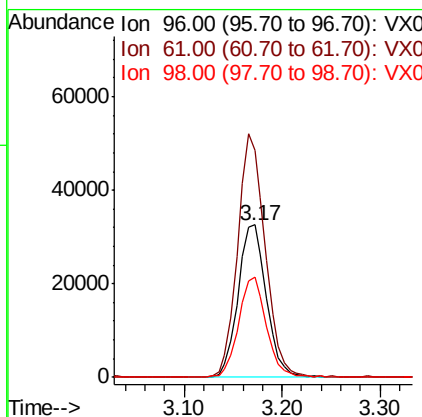
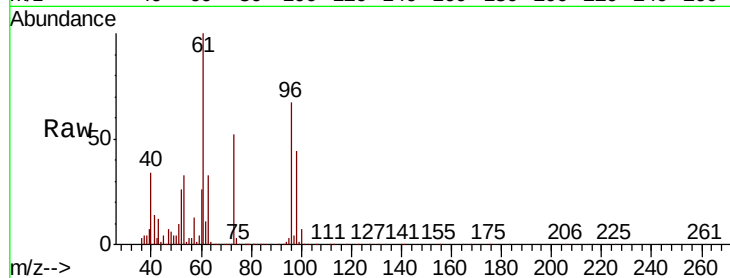
#19  
trans-1,2-Dichloroethene  
Concen: 20.159 ug/l  
RT: 3.17 min Scan# 331  
Delta R.T. 0.01 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 148.4 | 109.9 | 164.9 |
| 98      | 65.9  | 50.4  | 75.6  |

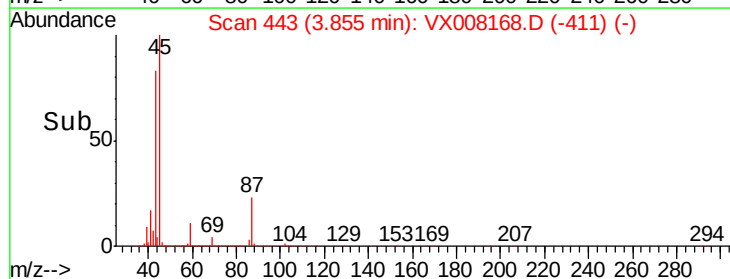
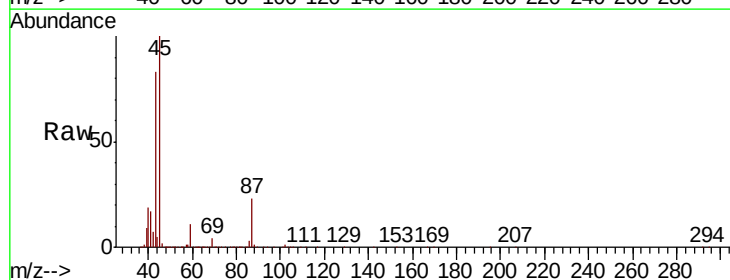
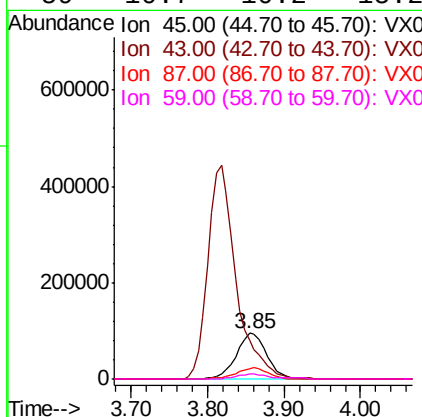
Manual Integrations  
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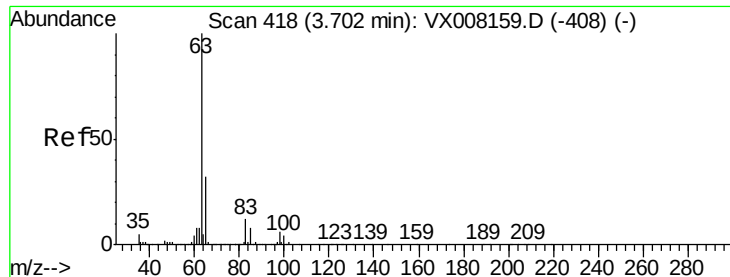
MMDadoda  
3/19/2019 9:37:27 AM



#20  
Diisopropyl ether  
Concen: 20.201 ug/l  
RT: 3.85 min Scan# 443  
Delta R.T. -0.01 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 82.7  | 50.6  | 76.0# |
| 87      | 23.2  | 24.5  | 36.7# |
| 59      | 10.7  | 10.2  | 15.2  |





#21

1,1-Dichloroethane

Concen: 20.493 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

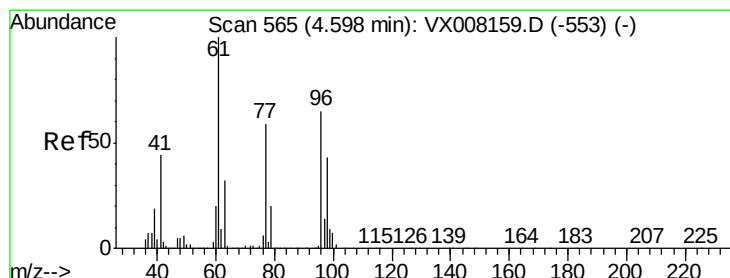
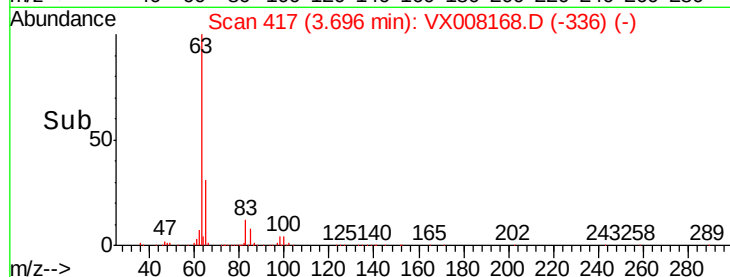
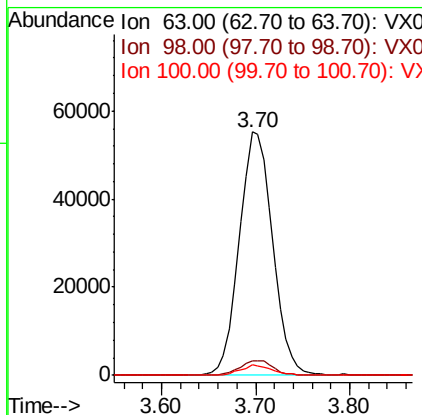
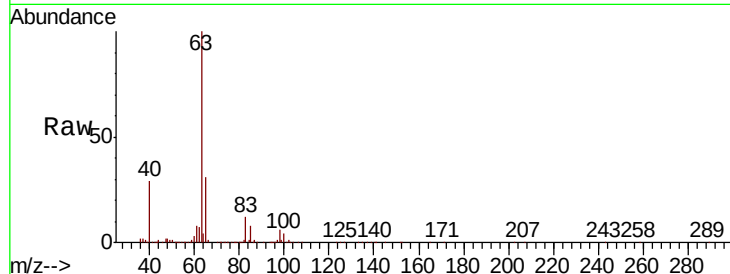
ClientSampleId :

VX0318WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 63      | 100   | 135593 |       |       |
| 98      | 6.1   | 3.8    | 11.4  |       |
| 100     | 4.4   | 2.4    | 7.1   |       |

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3/19/2019 9:37:27 AM



#22

cis-1,2-Dichloroethene

Concen: 20.102 ug/l m

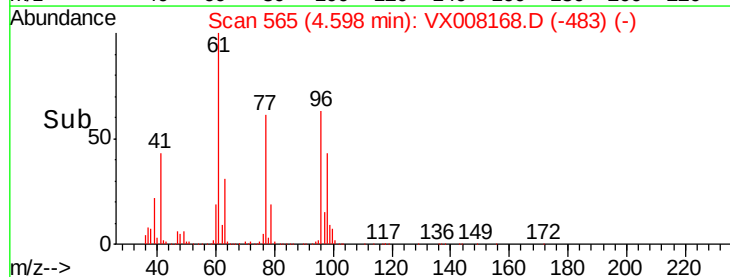
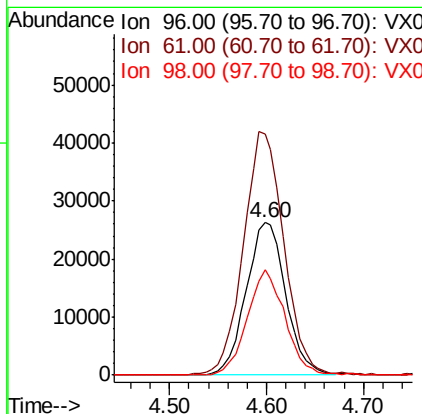
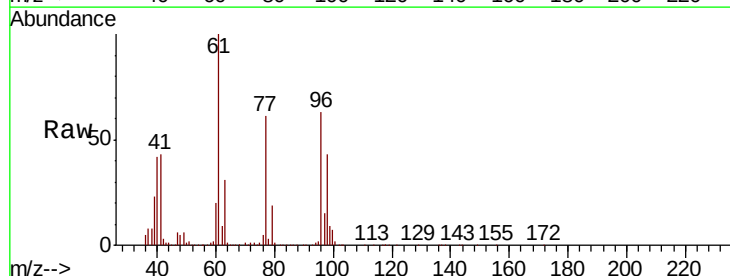
RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

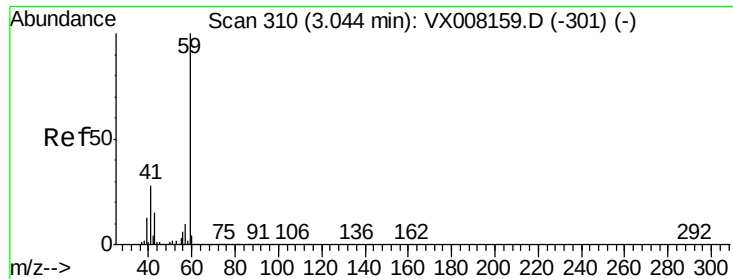
Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 96      | 100   | 74573 |        |       |
| 61      | 0.2   | 103.5 | 155.3# |       |
| 98      | 0.1   | 52.1  | 78.1#  |       |







#23

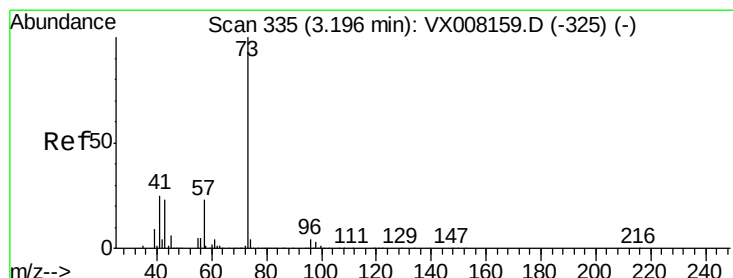
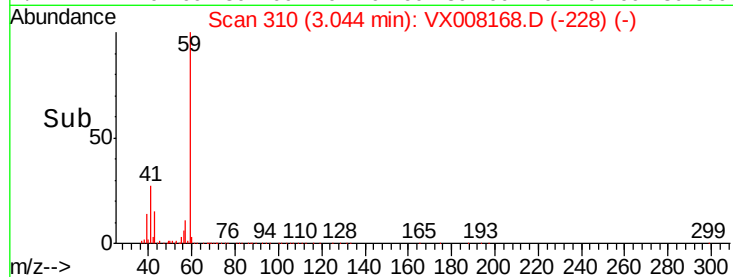
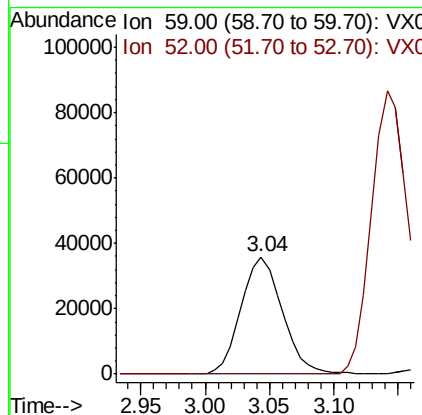
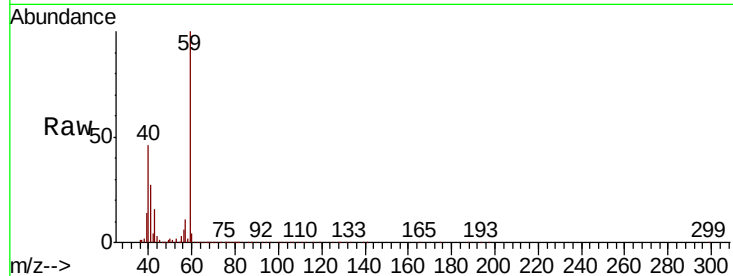
tert-Butyl Alcohol  
 Concen: 97.467 ug/l  
 RT: 3.04 min Scan# 310  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 52      | 0.3   | 0.2   | 0.2#  |

Manual Integrations  
 APPROVED

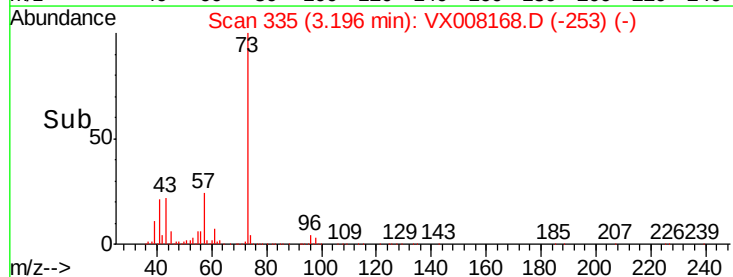
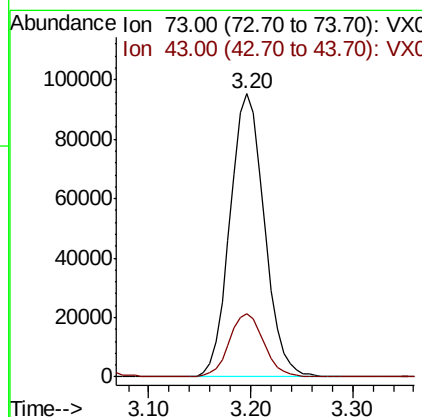
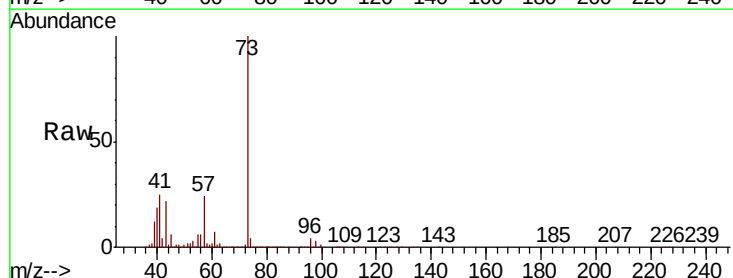
MMDadoda  
 3/19/2019 9:37:27 AM

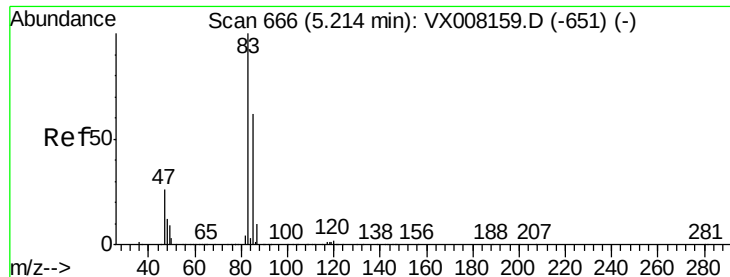


#24

Methyl tert-Butyl Ether  
 Concen: 20.097 ug/l  
 RT: 3.20 min Scan# 335  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 43      | 22.3  | 17.1  | 25.7  |





#25

Chloroform

Concen: 20.345 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0318WBS01

Tot Ion: 83 Resp: 126990

Ion Ratio Lower Upper

83 100

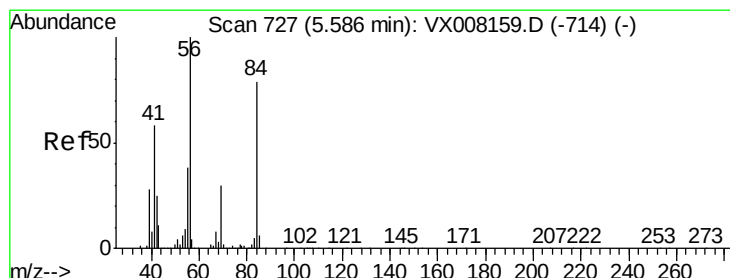
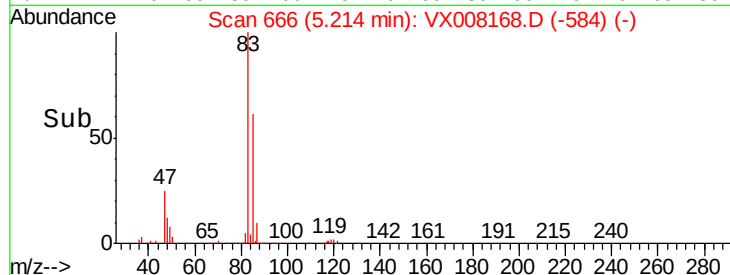
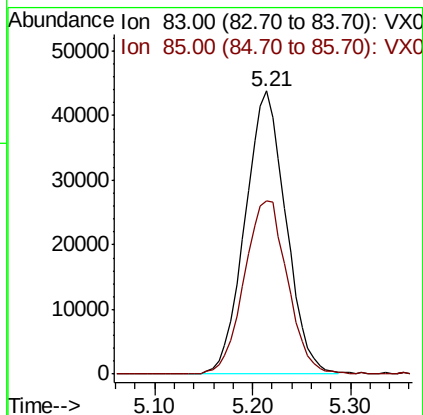
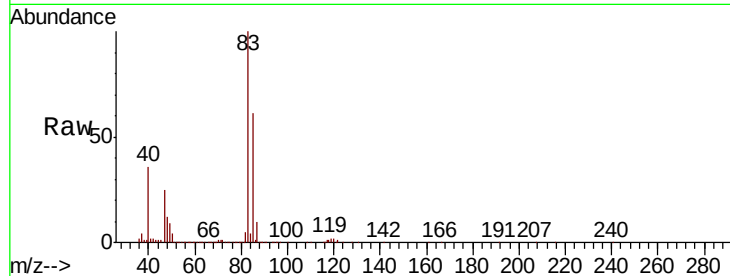
85 61.2 53.8 80.6

Manual Integrations

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MMDadoda

3/19/2019 9:37:27 AM



#26

Cyclohexane

Concen: 20.742 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

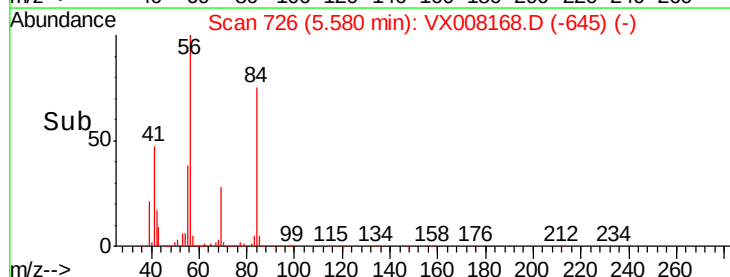
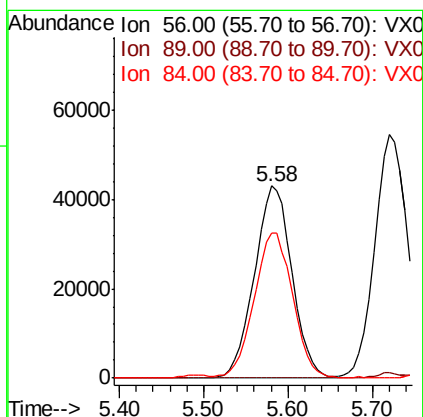
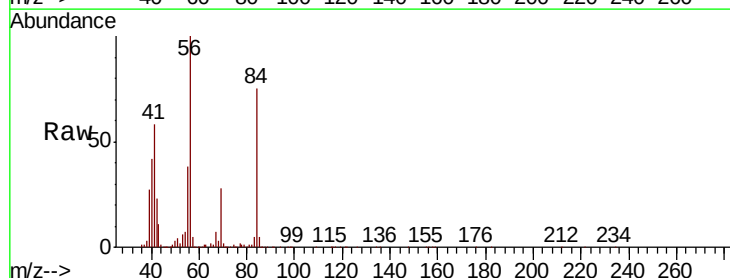
Tgt Ion: 56 Resp: 130847

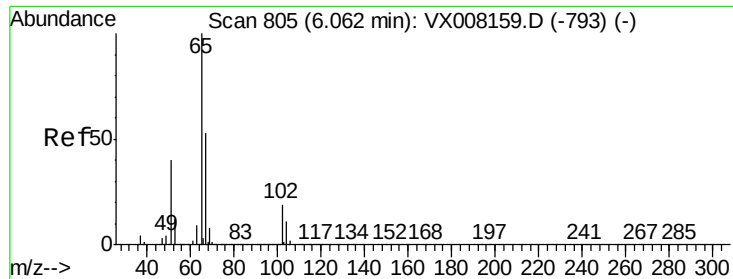
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 77.6 73.9 110.9





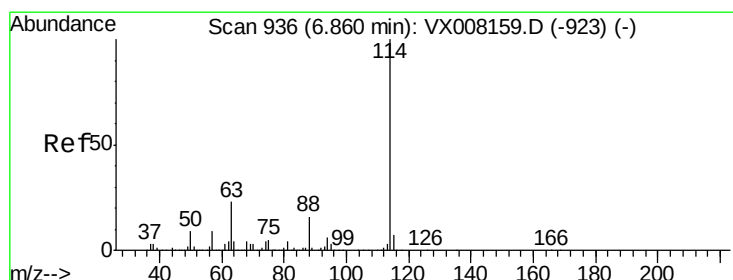
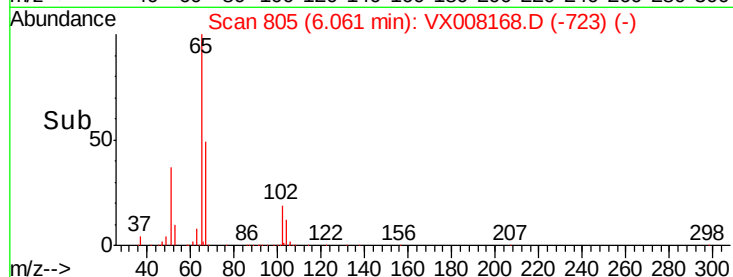
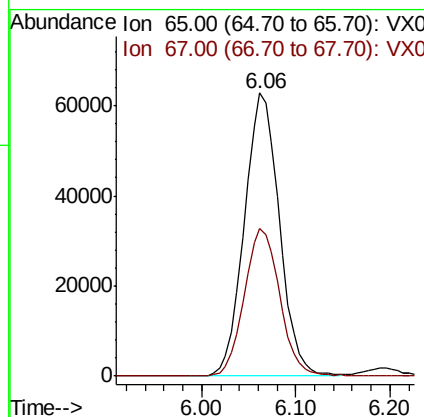
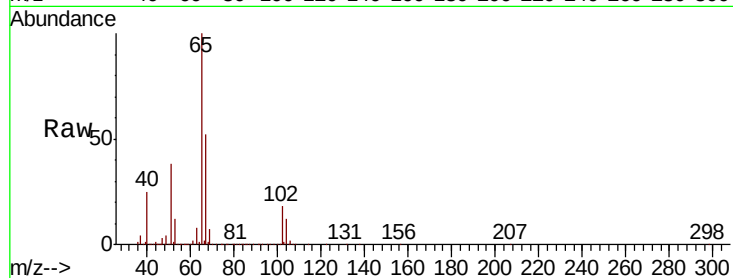
#27  
 1,2-Dichloroethane-d4  
 Concen: 30.297 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.5  | 42.9  | 64.3  |

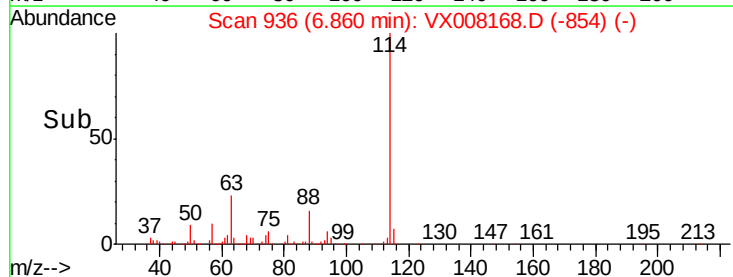
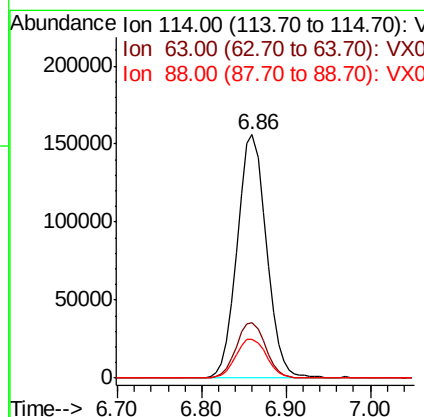
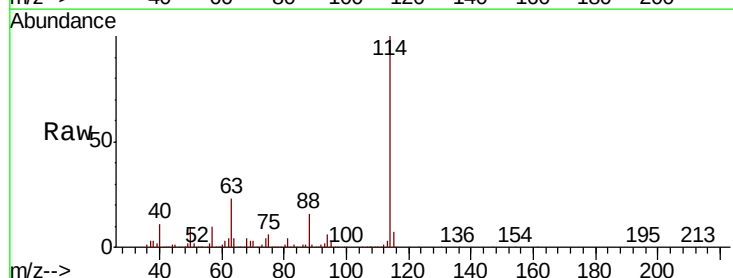
Manual Integrations  
 APPROVED

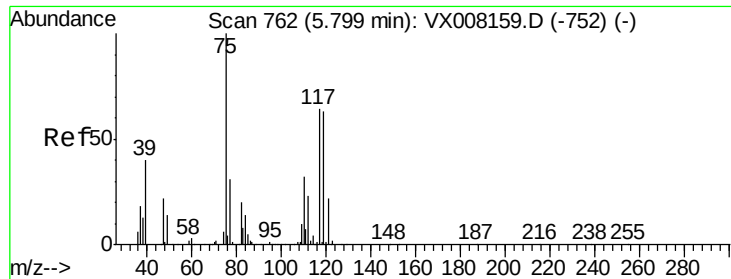
MMDadoda  
 3/19/2019 9:37:27 AM



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 22.9  | 14.2  | 21.4# |
| 88      | 16.8  | 11.9  | 17.9  |





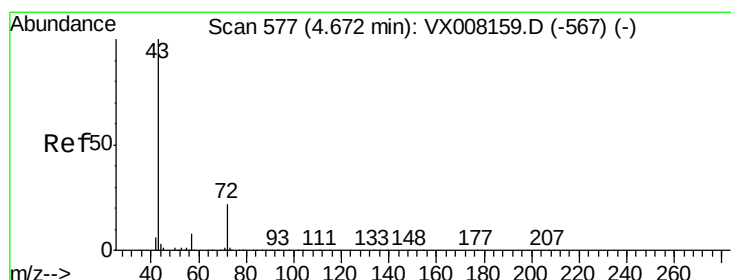
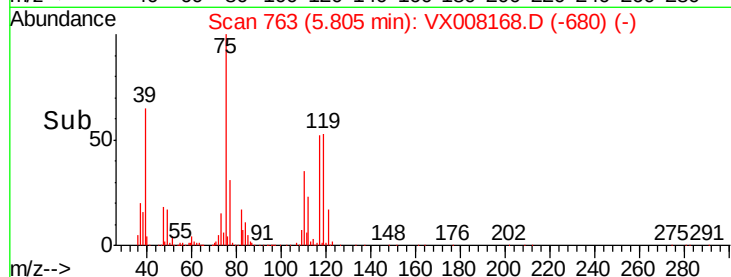
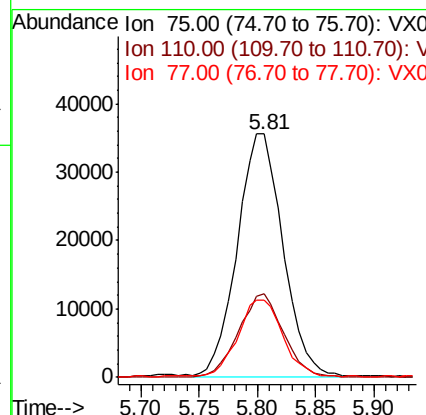
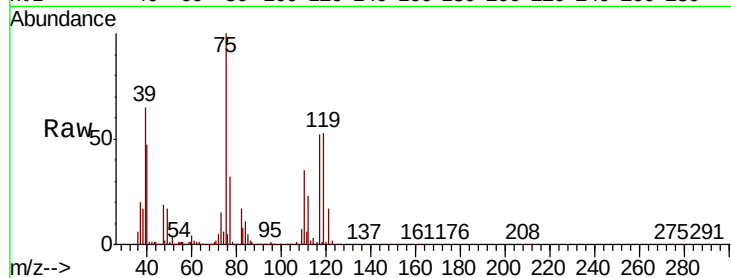
#29  
 1,1-Dichloropropene  
 Concen: 20.042 ug/l  
 RT: 5.81 min Scan# 763  
 Delta R.T. 0.01 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 33.8  | 0.0   | 80.8  |
| 77      | 30.8  | 0.0   | 62.4  |

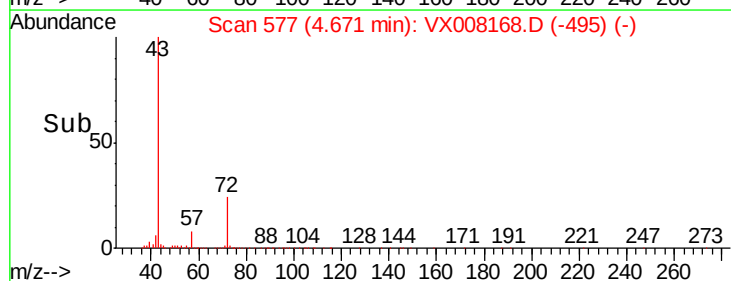
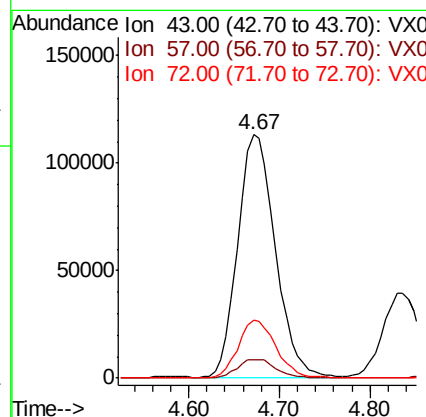
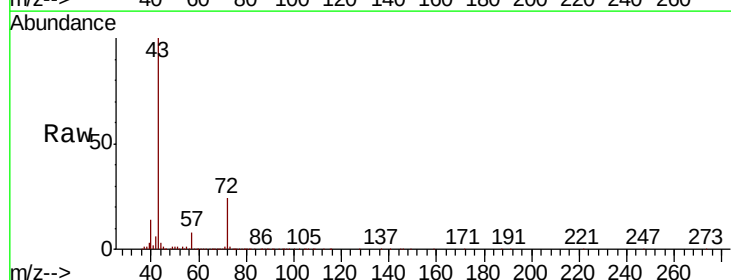
Manual Integrations  
 APPROVED

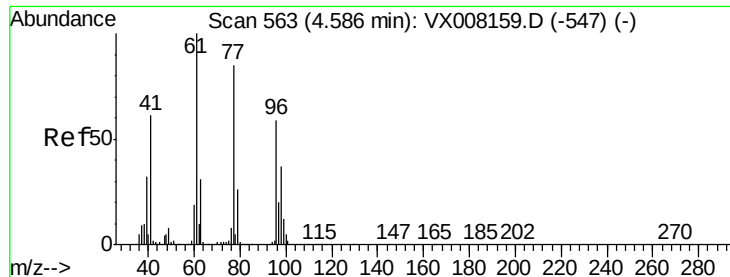
MMDadoda  
 3/19/2019 9:37:27 AM



#30  
 2-Butanone  
 Concen: 94.463 ug/l  
 RT: 4.67 min Scan# 577  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 57      | 0.0   | 7.0   | 10.6# |
| 72      | 23.5  | 21.5  | 32.3  |





#31

2,2-Dichloropropane

Concen: 19.999 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0318WBS01

Tot Ion: 77 Resp: 98366

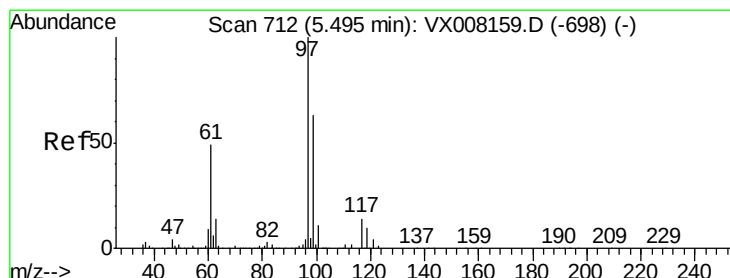
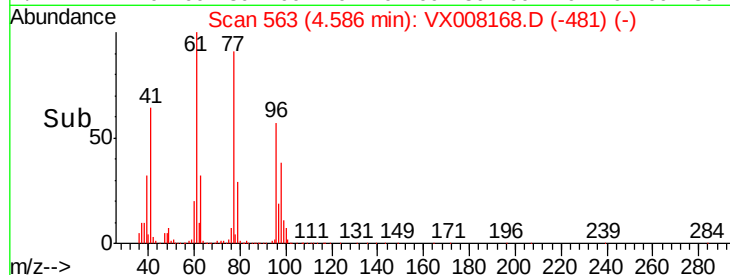
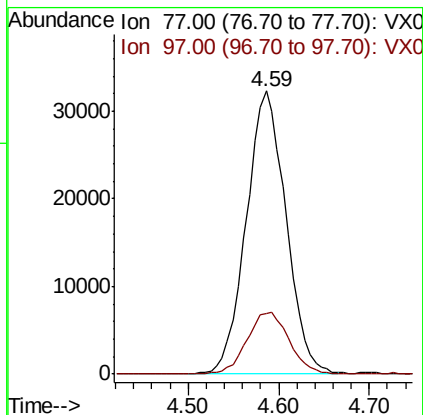
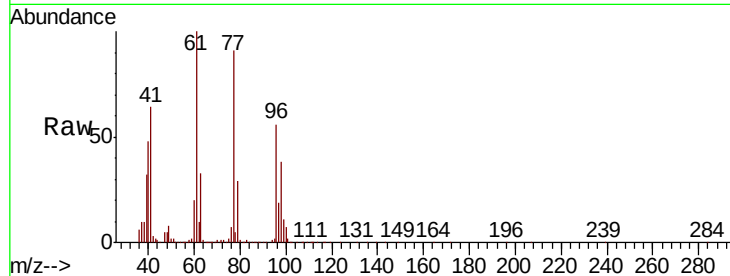
Ion Ratio Lower Upper

77 100

97 23.2 20.6 31.0

Manual Integrations  
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MMDadoda  
3/19/2019 9:37:27 AM



#32

1,1,1-Trichloroethane

Concen: 20.263 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

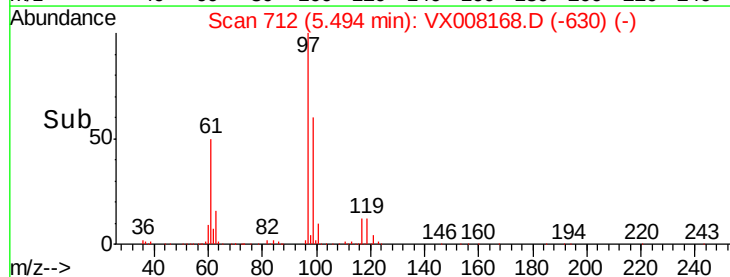
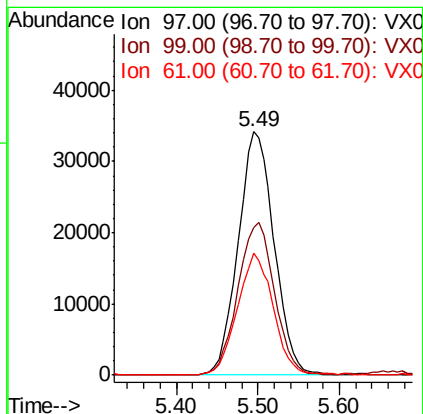
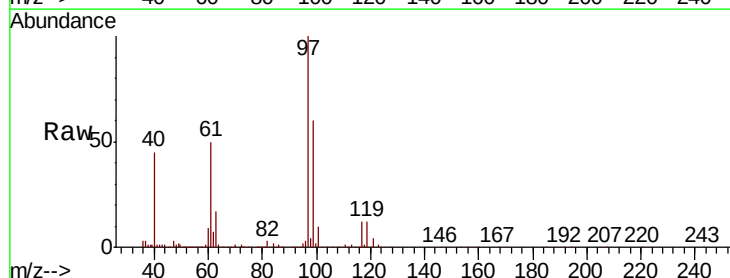
Tgt Ion: 97 Resp: 104669

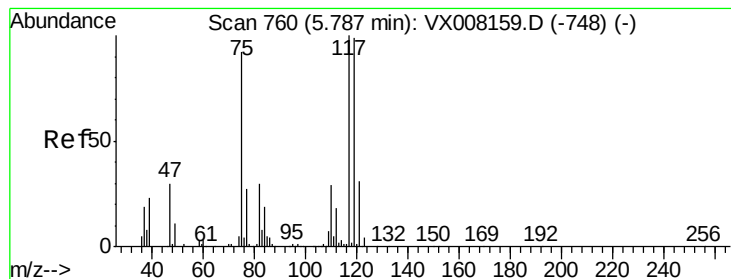
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 49.9 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 20.506 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

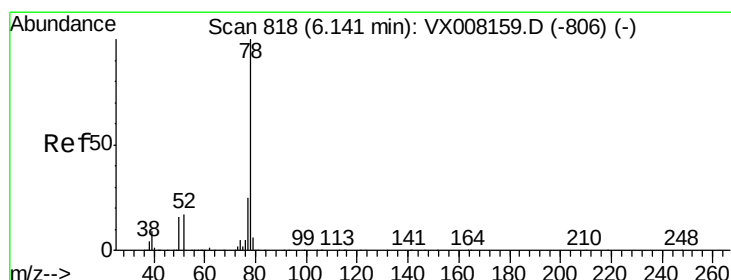
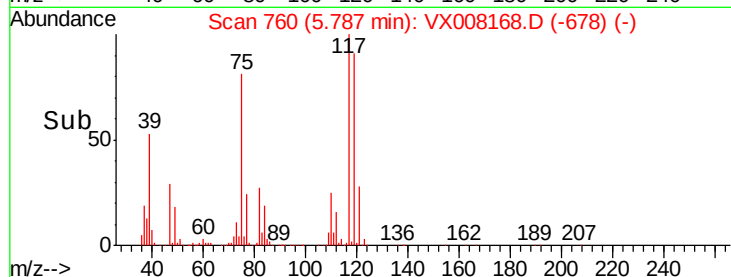
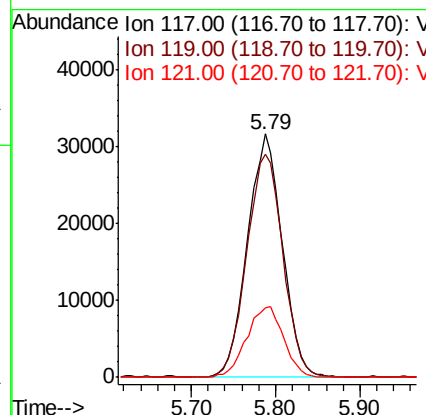
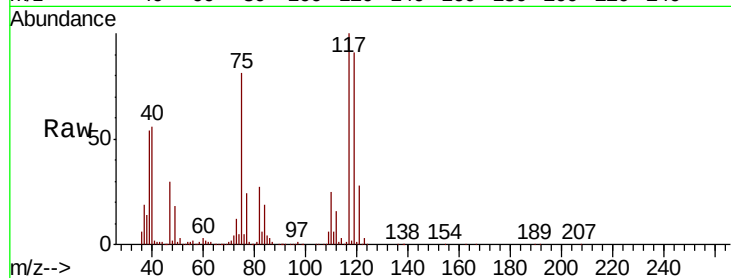
ClientSampleId :

VX0318WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 117   | Resp: | 88895 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 91.2  | 78.1  | 117.1 |
| 121      | 28.5  | 27.0  | 40.6  |

Manual Integrations  
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3/19/2019 9:37:27 AM



#34

Benzene

Concen: 20.211 ug/l

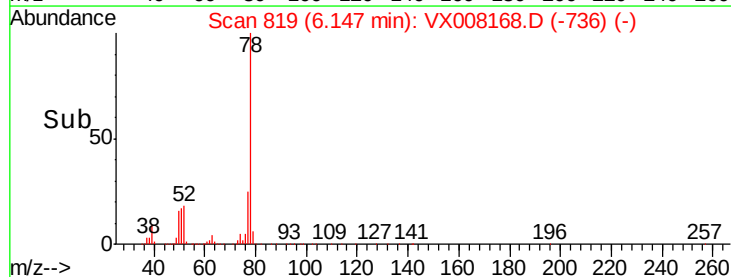
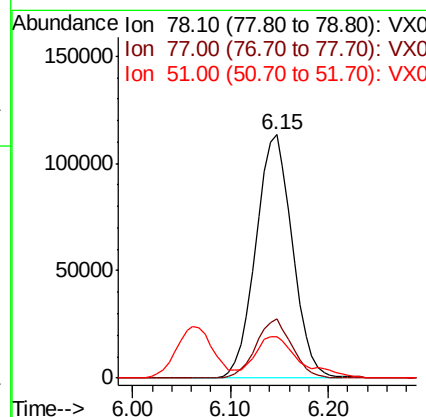
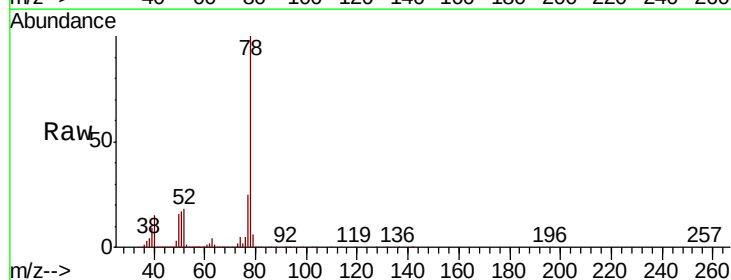
RT: 6.15 min Scan# 819

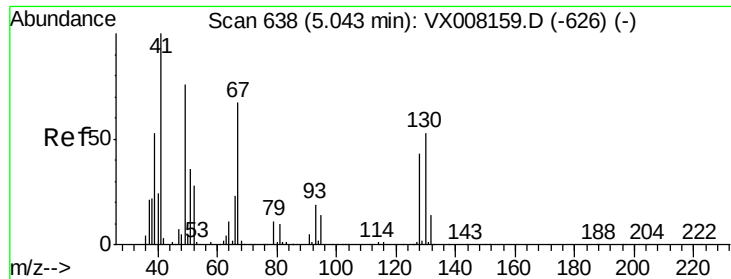
Delta R.T. 0.01 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 294732 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.4  | 19.1  | 28.7   |
| 51       | 15.3  | 10.8  | 16.2   |





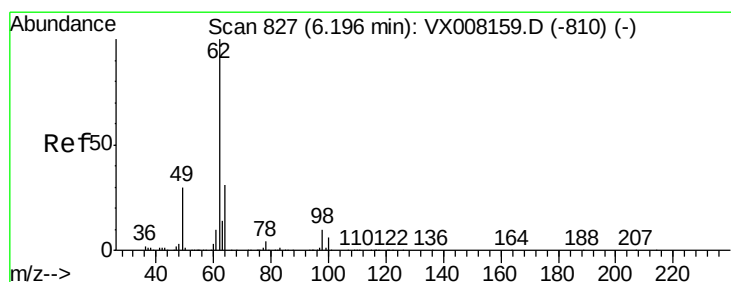
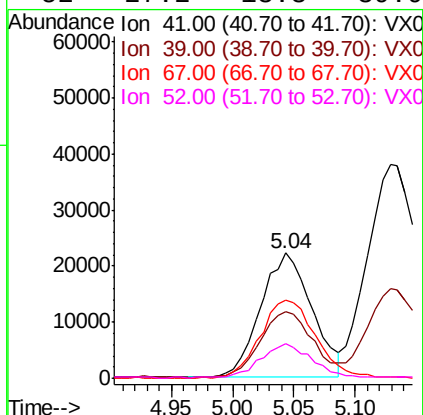
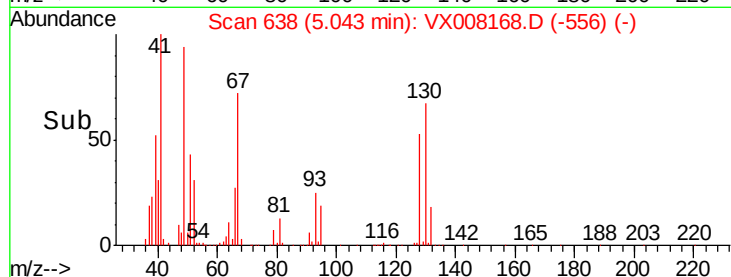
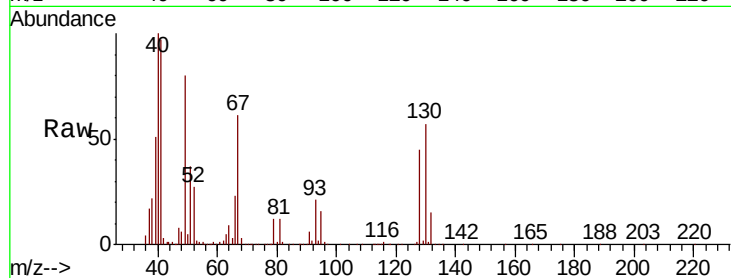
#35  
Methacrylonitrile  
Concen: 19.575 ug/l  
RT: 5.04 min Scan# 638  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 52.8 | 27.4  | 82.0  |       |
| 67      | 63.0 | 37.9  | 113.6 |       |
| 52      | 27.2 | 13.3  | 39.9  |       |

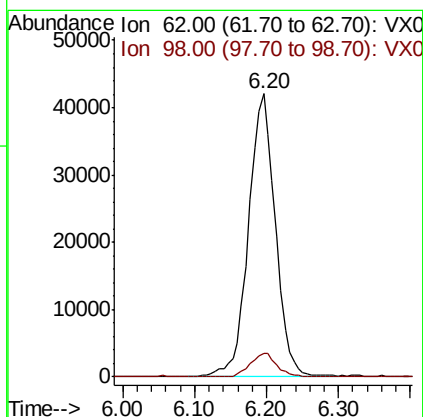
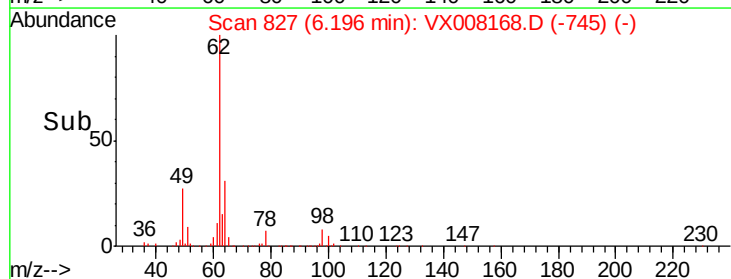
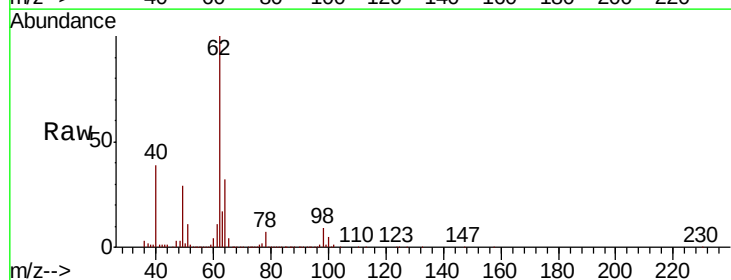
Manual Integrations  
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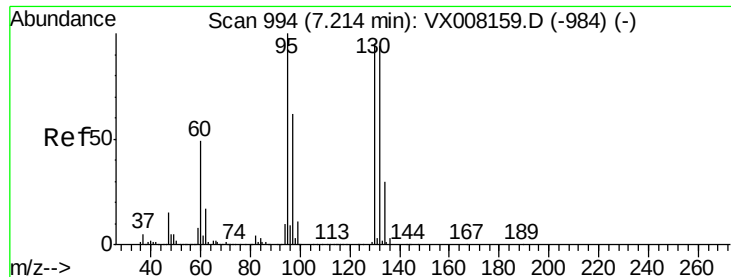
MMDadoda  
3/19/2019 9:37:27 AM



#36  
1,2-Dichloroethane  
Concen: 20.621 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.4 | 7.8   | 11.8  |       |





#37

Trichloroethene

Concen: 20.303 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0318WBS01

Tot Ion:130 Resp: 70555

Ion Ratio Lower Upper

130 100

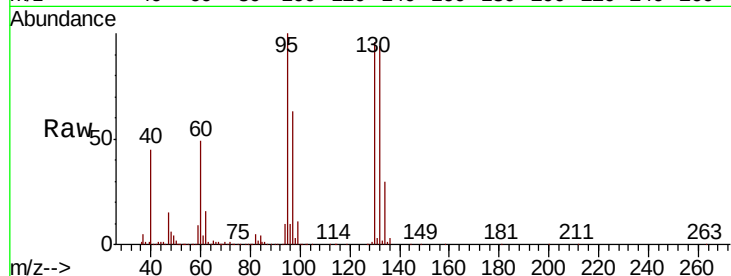
95 103.9 71.3 106.9

Manual Integrations

APPROVED

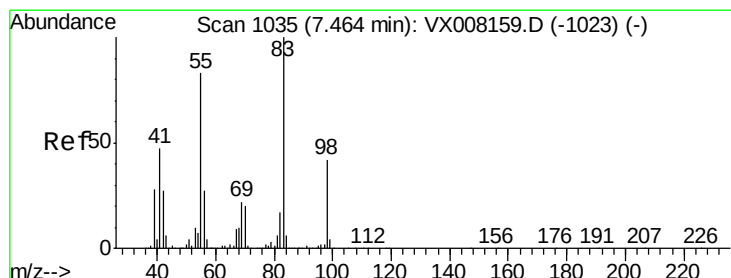
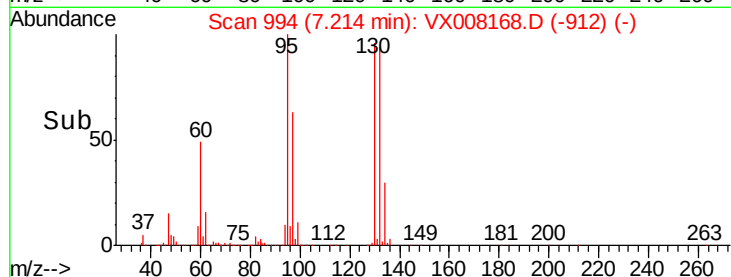
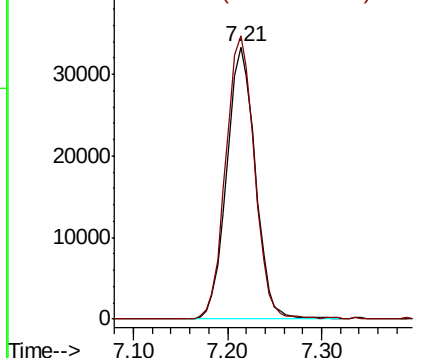
MMDadoda

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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: 20.084 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

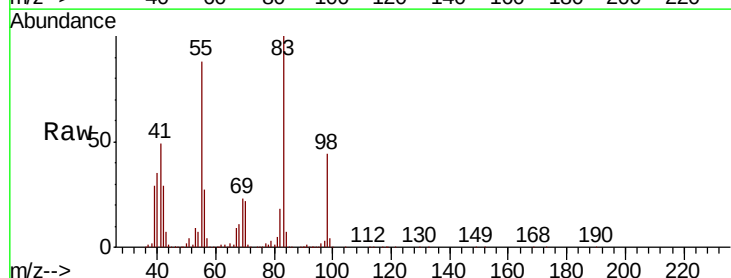
Tgt Ion: 83 Resp: 118968

Ion Ratio Lower Upper

83 100

55 85.4 36.0 108.0

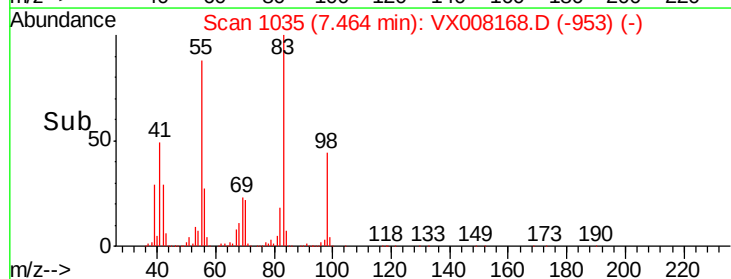
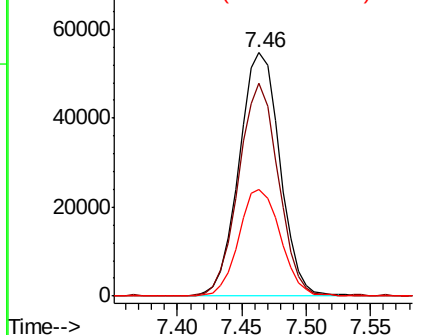
98 45.3 23.8 71.4



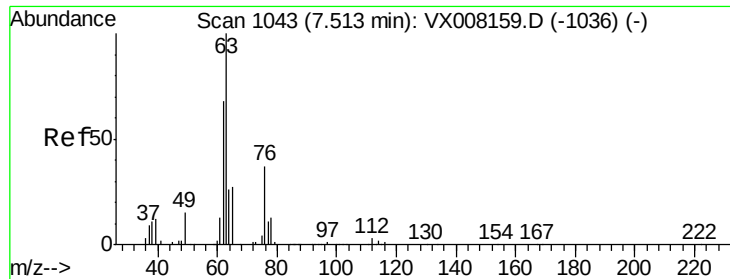
Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0







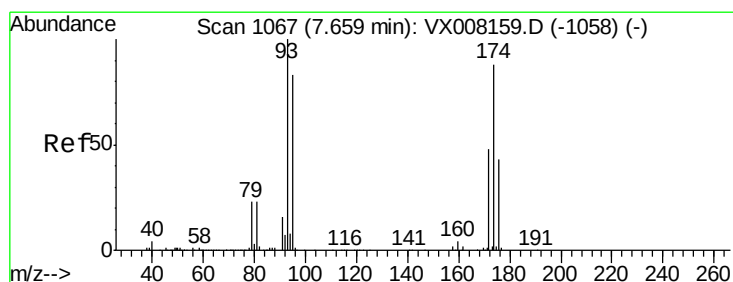
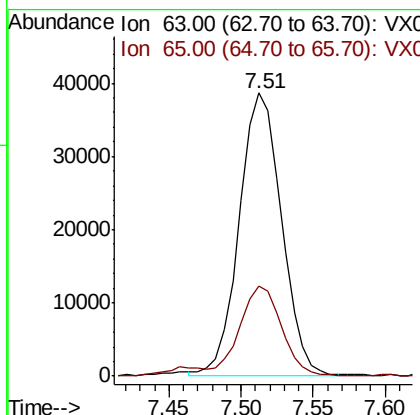
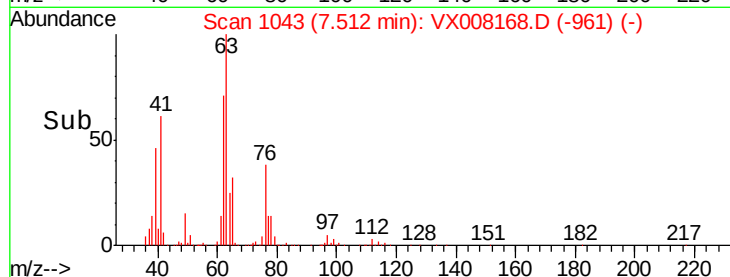
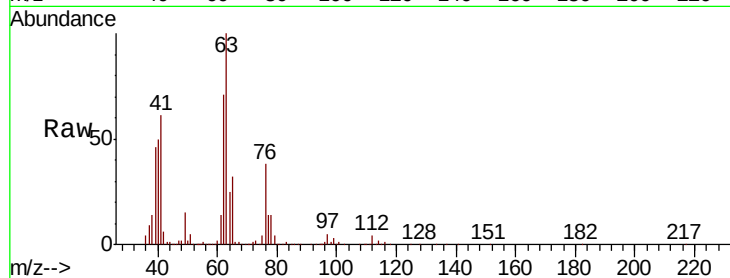
#39  
 1,2-Dichloropropane  
 Concen: 19.723 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0318WBS01

Tot Ion: 63 Resp: 78329  
 Ion Ratio Lower Upper  
 63 100  
 65 31.7 24.6 37.0

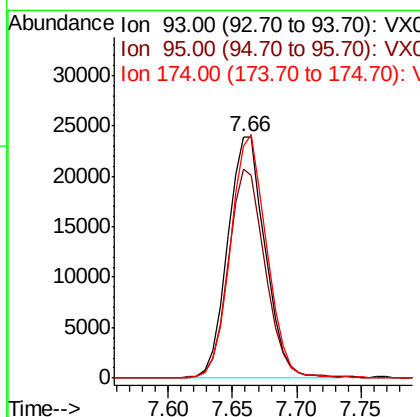
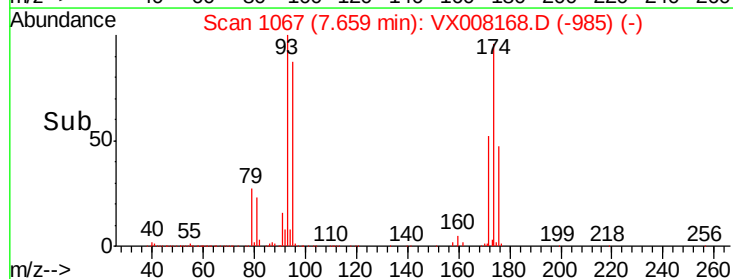
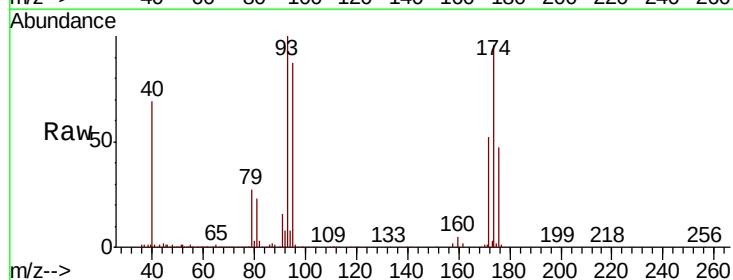
Manual Integrations  
 APPROVED

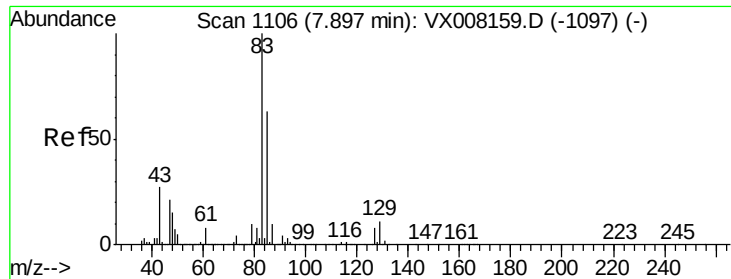
MMDadoda  
 3/19/2019 9:37:27 AM



#40  
 Dibromomethane  
 Concen: 19.898 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

Tgt Ion: 93 Resp: 48384  
 Ion Ratio Lower Upper  
 93 100  
 95 84.6 0.0 158.8  
 174 97.0 0.0 224.2





#41

Bromodichloromethane

Concen: 19.687 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

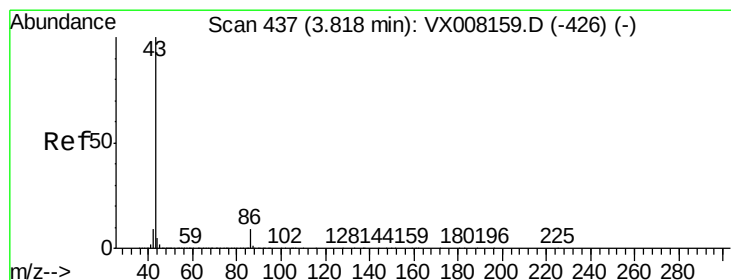
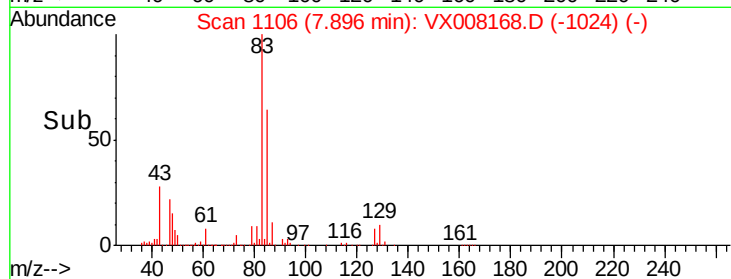
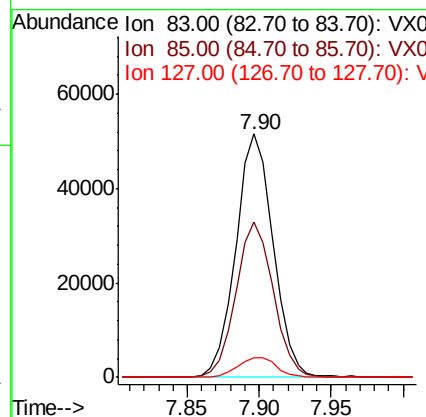
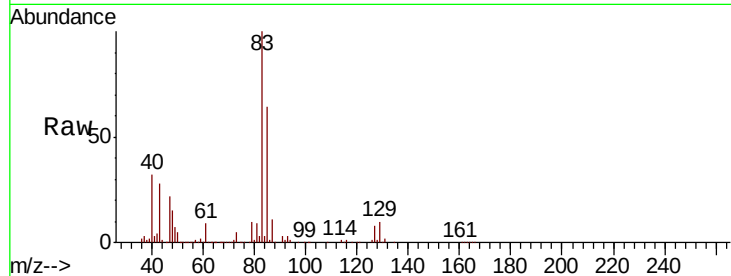
ClientSampleId :

VX0318WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 92567 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 63.7  | 51.1  | 76.7  |
| 127       | 8.2   | 7.2   | 10.8  |

Manual Integrations  
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3/19/2019 9:37:27 AM



#42

Vinyl Acetate

Concen: 99.062 ug/l

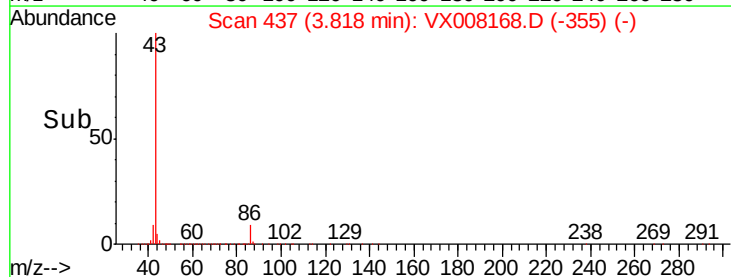
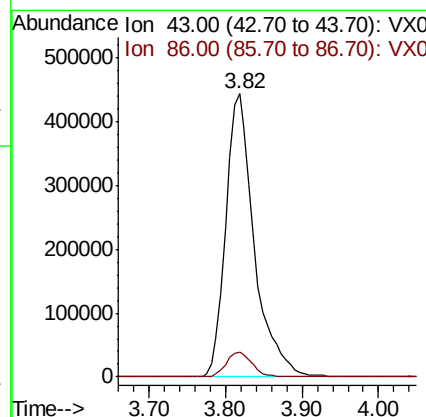
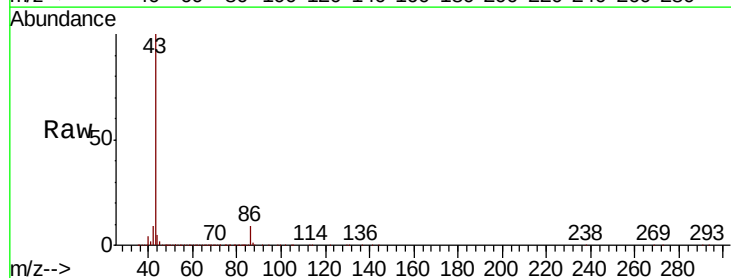
RT: 3.82 min Scan# 437

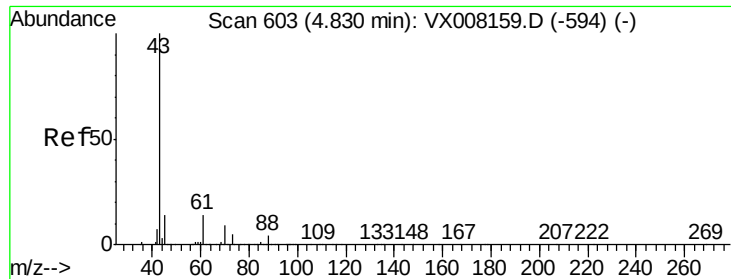
Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 43    | Resp: | 1138913 |
| Ion Ratio | Lower | Upper |         |
| 43        | 100   |       |         |
| 86        | 8.0   | 8.2   | 12.2#   |





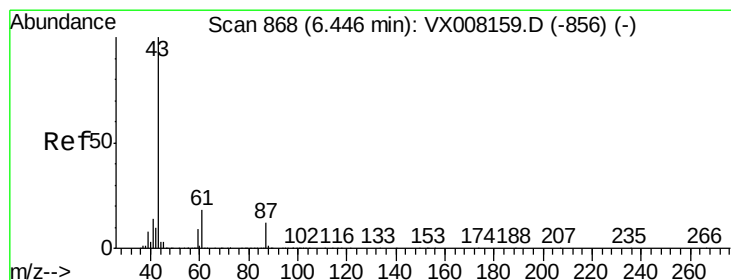
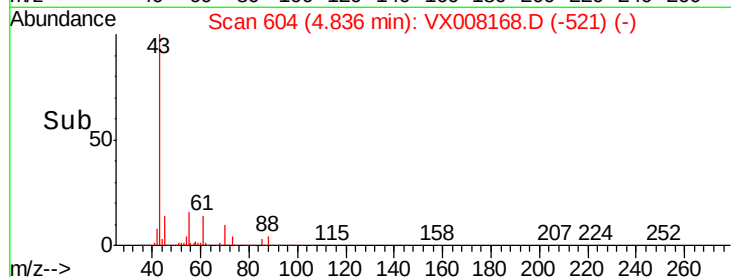
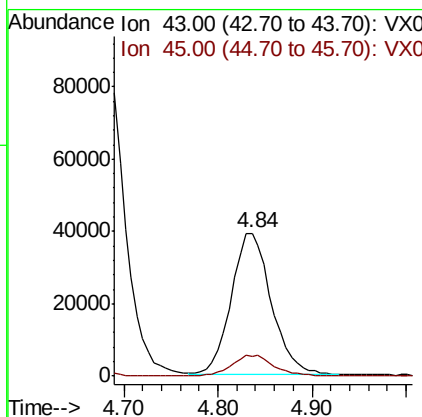
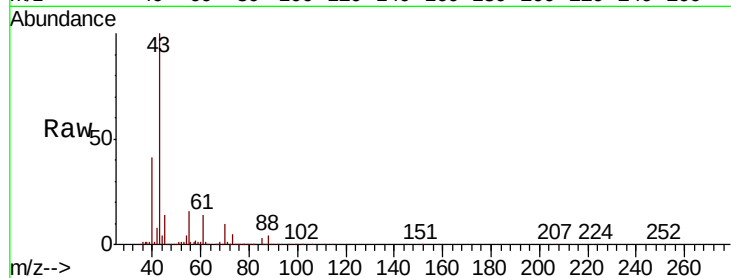
#43  
Ethyl Acetate  
Concen: 19.015 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. 0.01 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

| Tot Ion | 43   | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 43      | 100  |       |       |       |
| 45      | 15.1 | 6.9   | 10.3  |       |

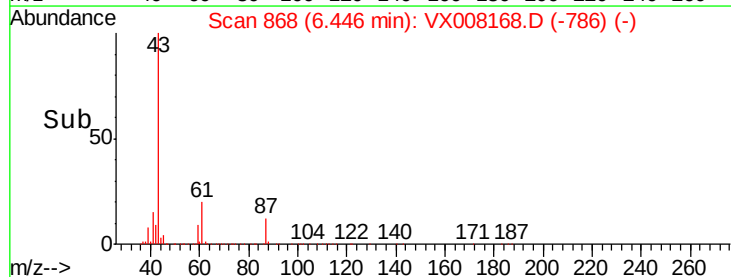
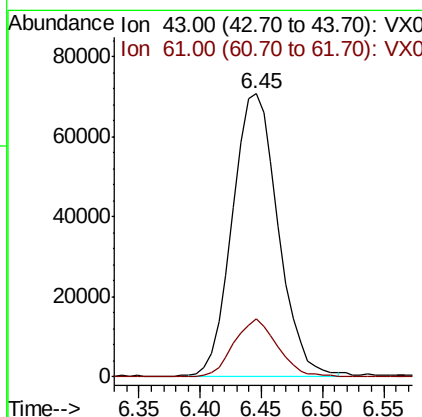
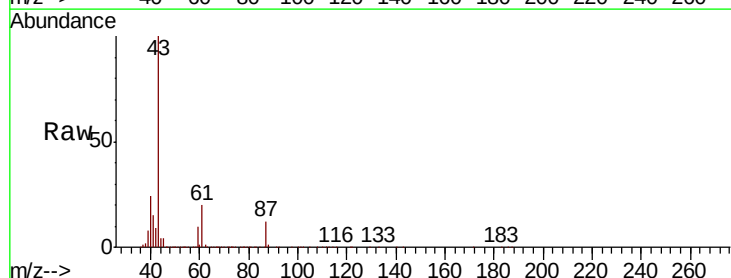
Manual Integrations  
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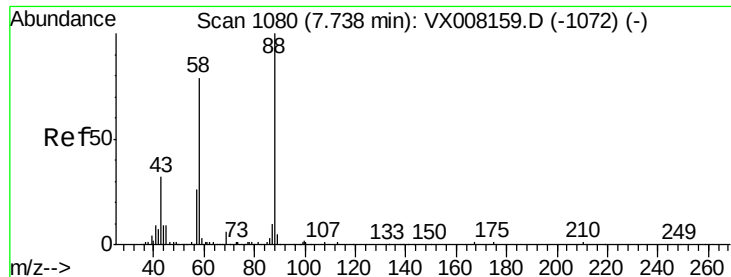
MMDadoda  
3/19/2019 9:37:27 AM



#44  
Isopropyl Acetate  
Concen: 19.476 ug/l  
RT: 6.45 min Scan# 868  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

| Tgt Ion | 43   | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 43      | 100  |       |       |       |
| 61      | 19.3 | 16.1  | 24.1  |       |





#45

1,4-Dioxane

Concen: 385.579 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

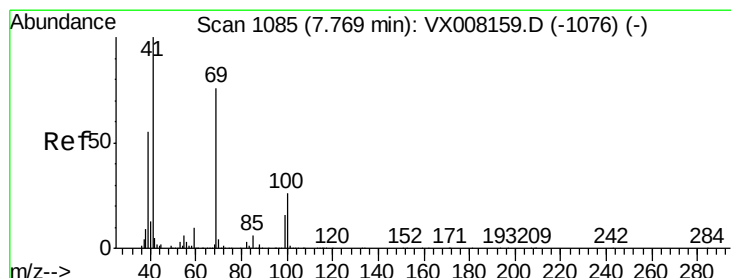
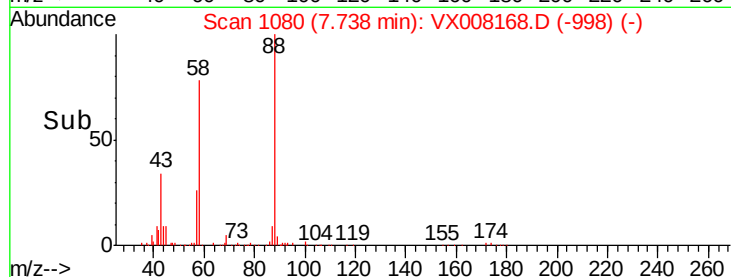
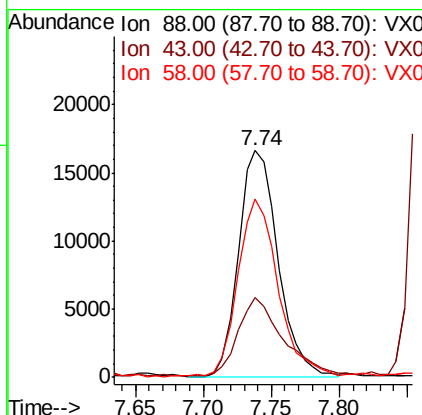
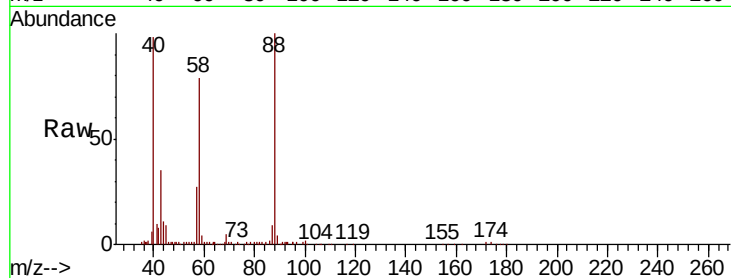
ClientSampleId :

VX0318WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 33860 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 38.4  | 23.6  | 35.4# |
| 58       | 79.0  | 51.6  | 77.4# |

Manual Integrations  
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#46

Methyl methacrylate

Concen: 19.492 ug/l

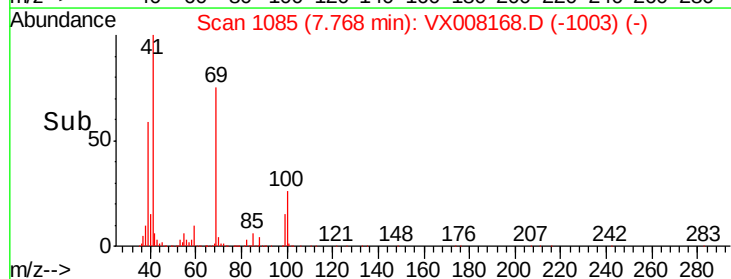
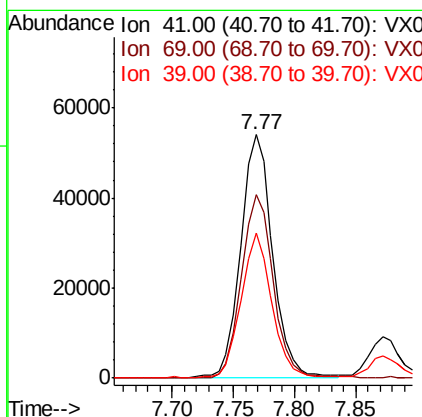
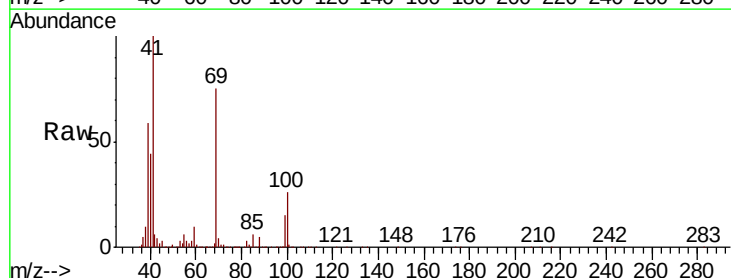
RT: 7.77 min Scan# 1085

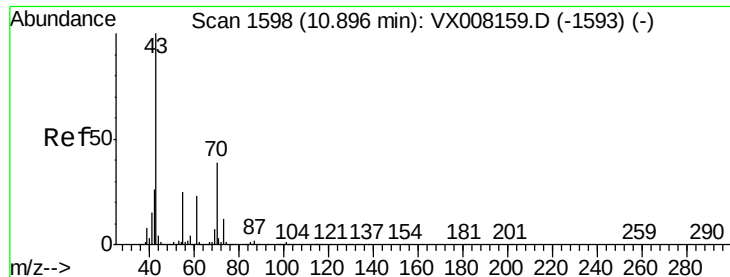
Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 96681 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 75.3  | 44.2  | 132.6 |
| 39       | 59.3  | 29.9  | 89.8  |





#47

n-amvl Acetate

Concen: 19.778 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0318WBS01

Tot Ion: 43 Resp: 158873

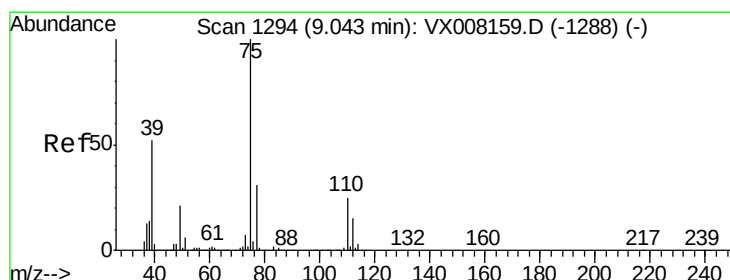
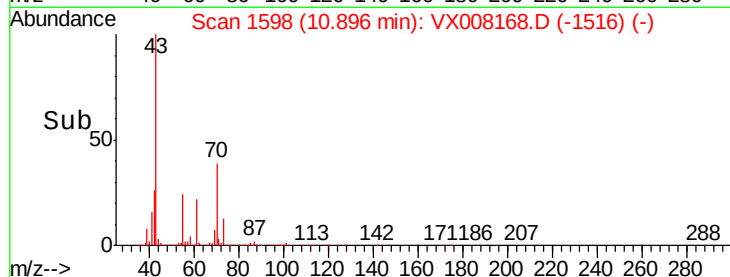
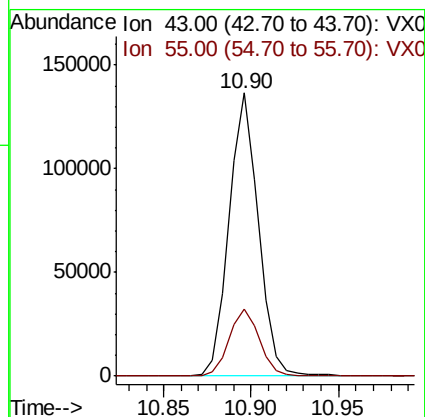
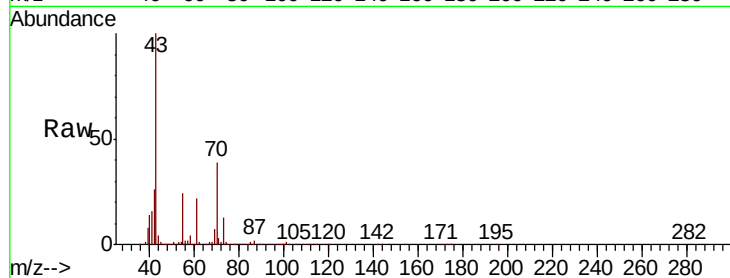
Ion Ratio Lower Upper

43 100

55 24.2 20.8 31.2

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3/19/2019 9:37:27 AM



#48

t-1,3-Dichloropropene

Concen: 19.929 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008168.D

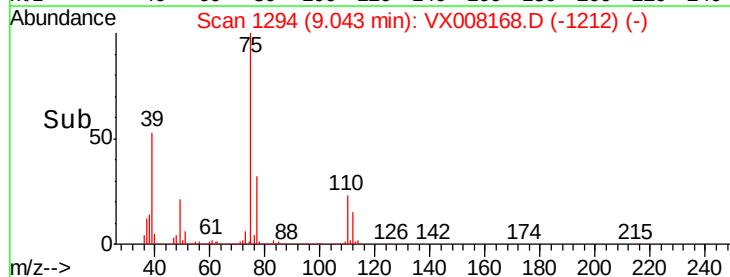
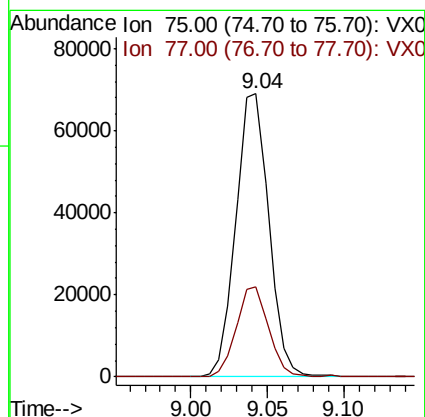
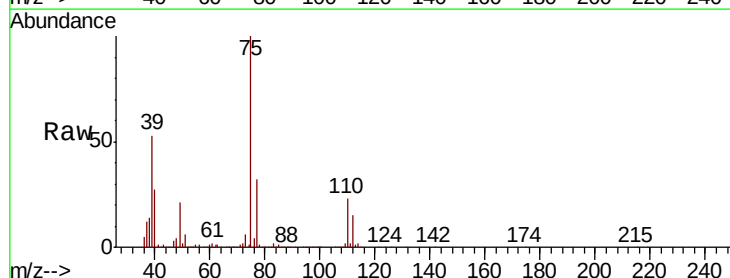
Acq: 18 Mar 2019 16:06

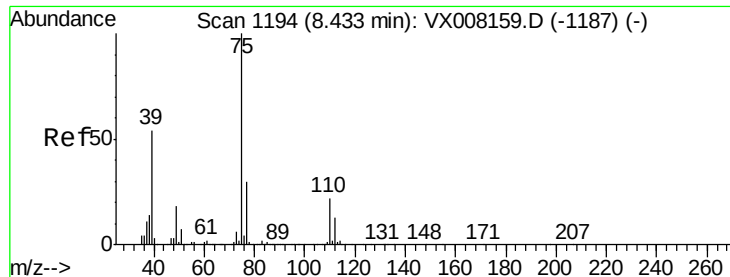
Tgt Ion: 75 Resp: 103569

Ion Ratio Lower Upper

75 100

77 32.0 24.5 36.7





#49

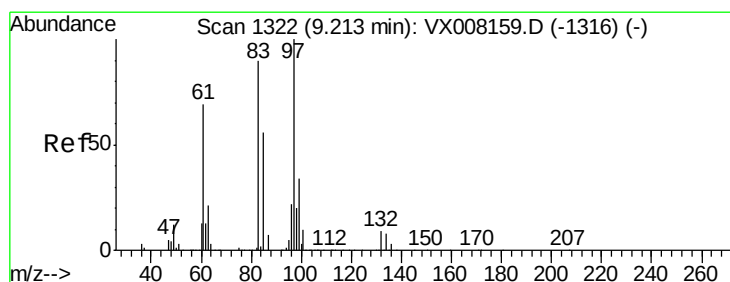
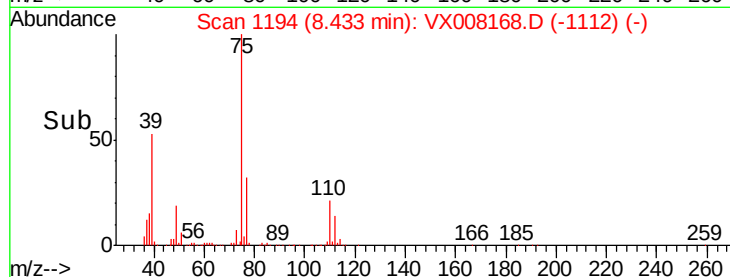
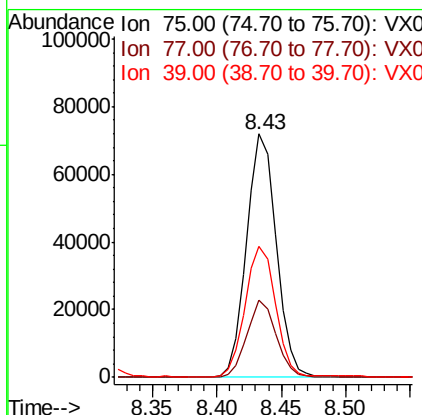
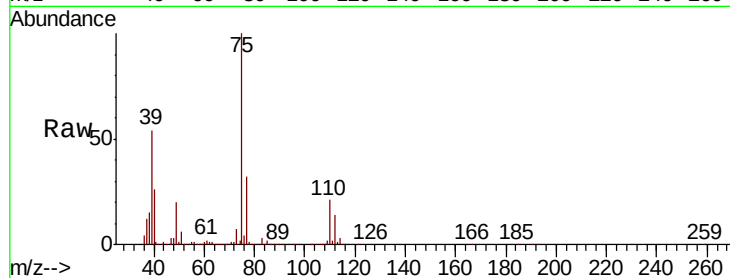
cis-1,3-Dichloropropene  
 Concen: 19.832 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0318WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 114659 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 31.7  | 25.0  | 37.4   |
| 39        | 53.5  | 38.5  | 57.7   |

Manual Integrations  
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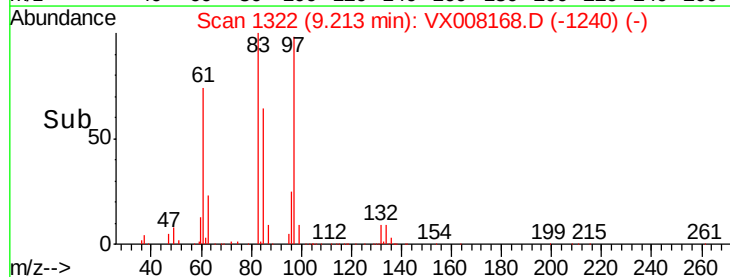
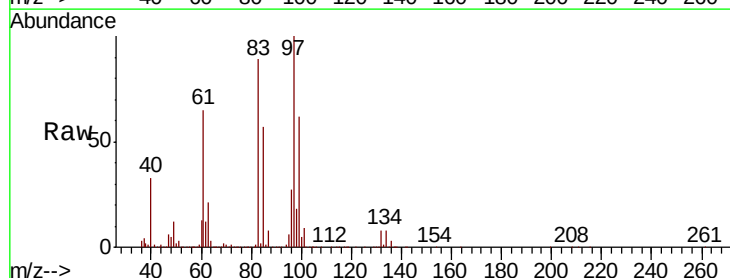
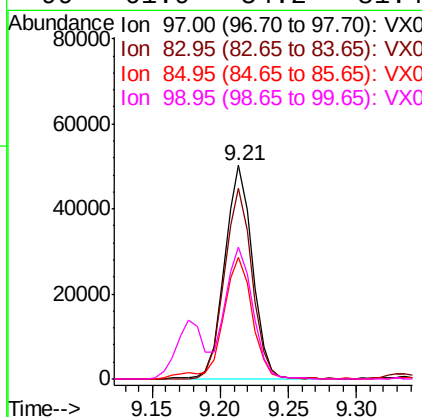
MMDadoda  
 3/19/2019 9:37:27 AM

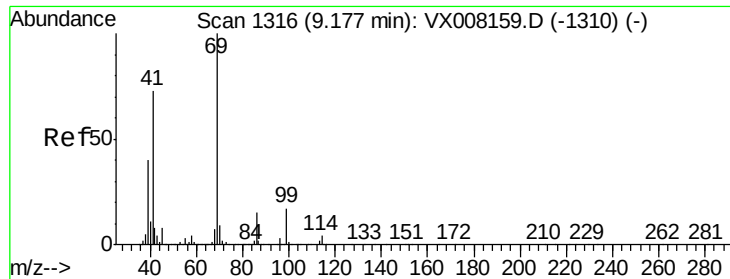


#50

1,1,2-Trichloroethane  
 Concen: 20.384 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 71163 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 83        | 89.2  | 72.0  | 108.0 |
| 85        | 56.7  | 45.0  | 67.6  |
| 99        | 61.9  | 54.2  | 81.4  |





#51

Ethyl methacrylate

Concen: 20.095 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

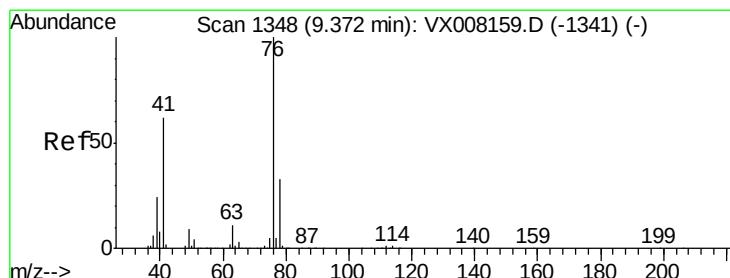
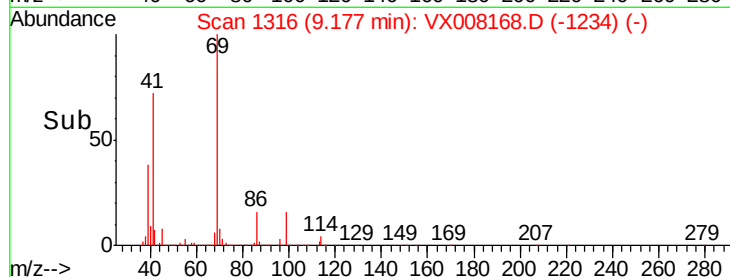
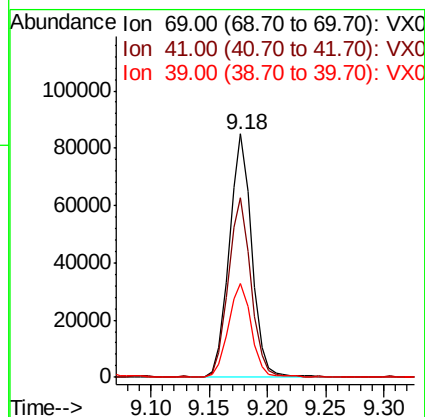
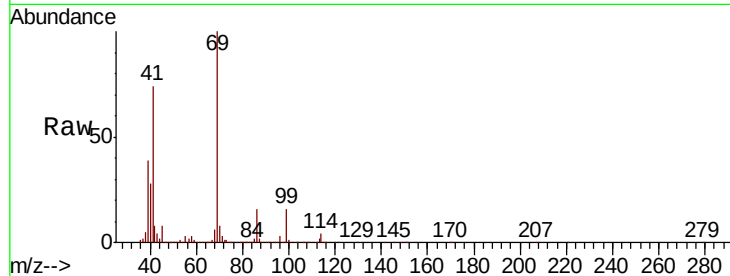
ClientSampleId :

VX0318WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 69    | Resp: | 113724 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 73.6  | 32.1  | 96.5   |
| 39        | 38.3  | 18.8  | 56.3   |

Manual Integrations  
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3/19/2019 9:37:27 AM



#52

1,3-Dichloropropane

Concen: 20.242 ug/l

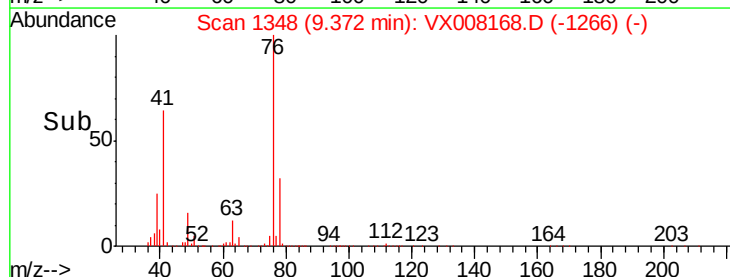
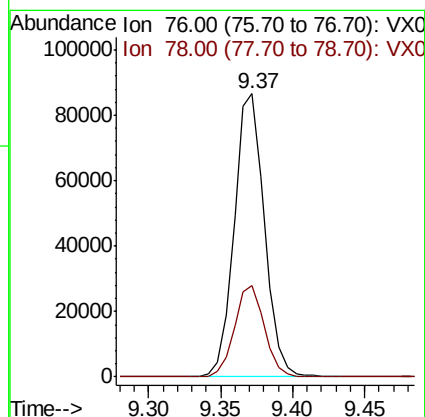
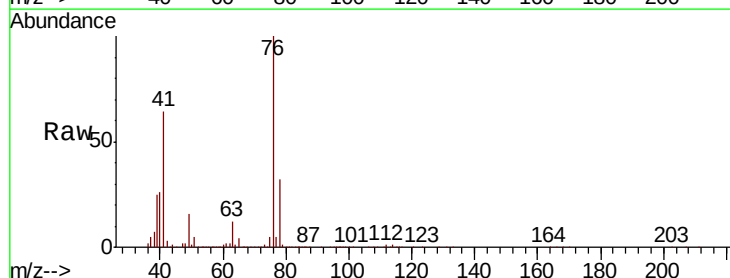
RT: 9.37 min Scan# 1348

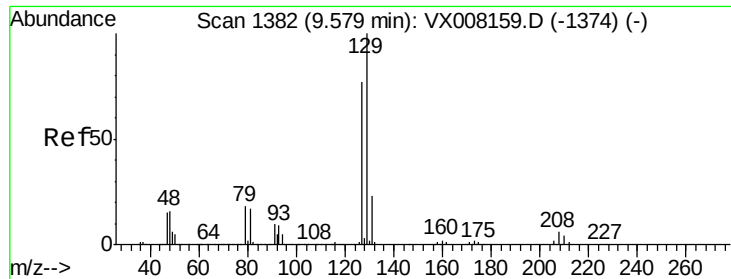
Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 76    | Resp: | 126534 |
| Ion Ratio | Lower | Upper |        |
| 76        | 100   |       |        |
| 78        | 32.1  | 0.0   | 65.2   |





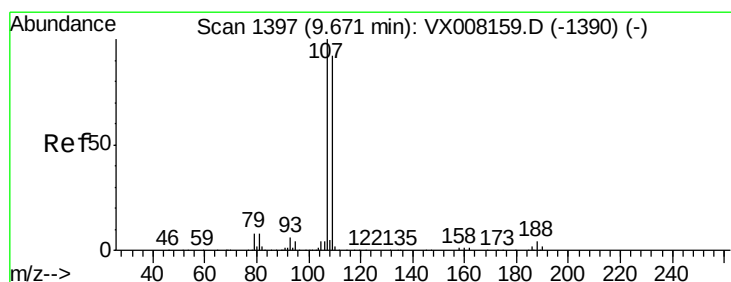
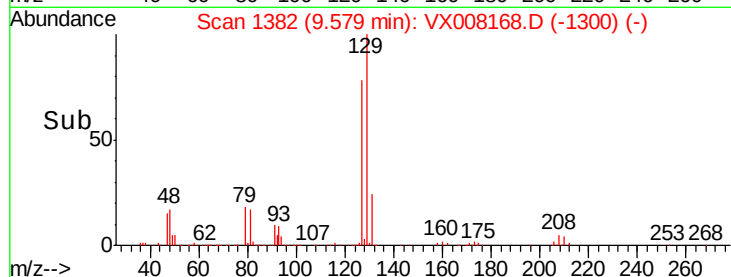
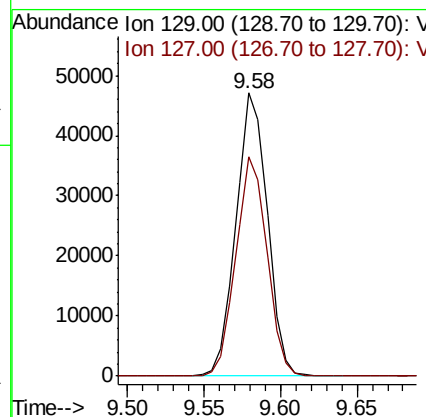
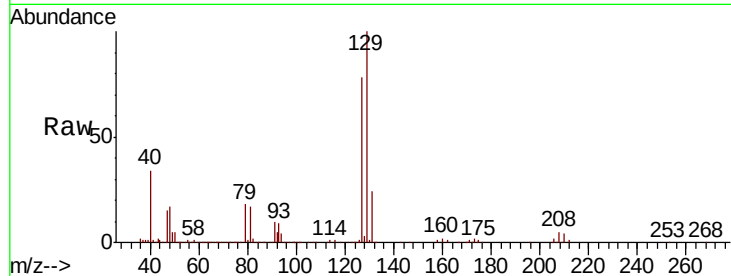
#53  
 Dibromochloromethane  
 Concen: 19.861 ug/l  
 RT: 9.58 min Scan# 1382  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.1  | 38.4  | 115.2 |

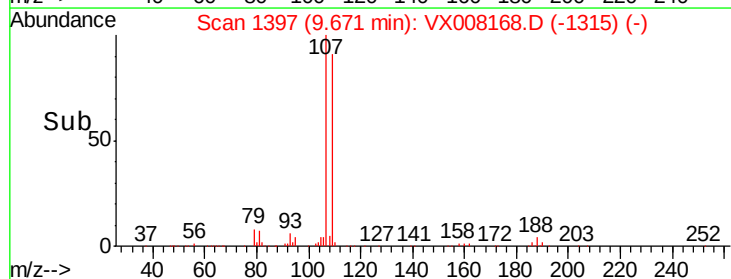
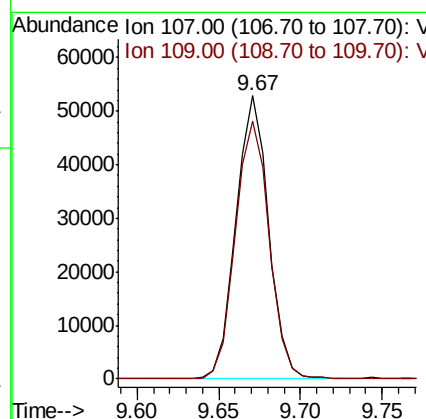
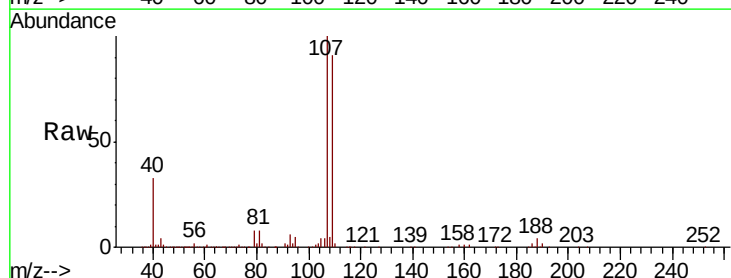
Manual Integrations  
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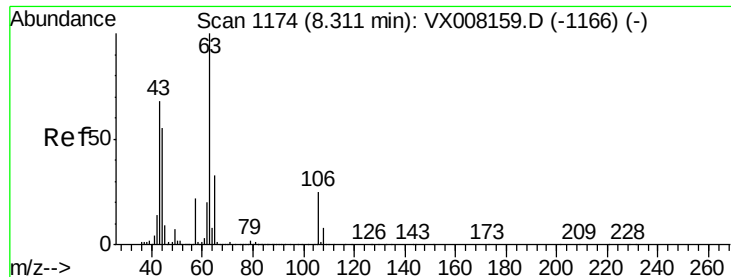


#54  
 1,2-Dibromoethane  
 Concen: 20.219 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.2  | 76.6  | 115.0 |







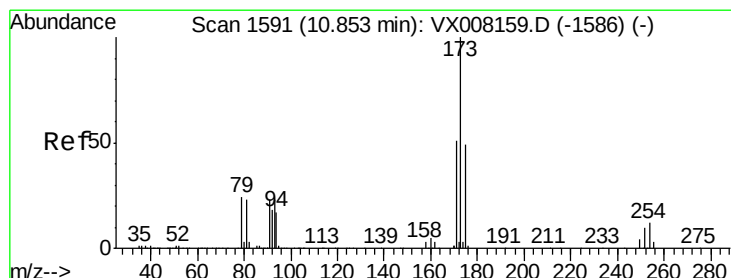
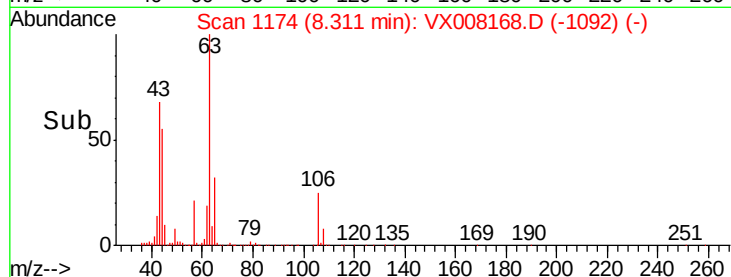
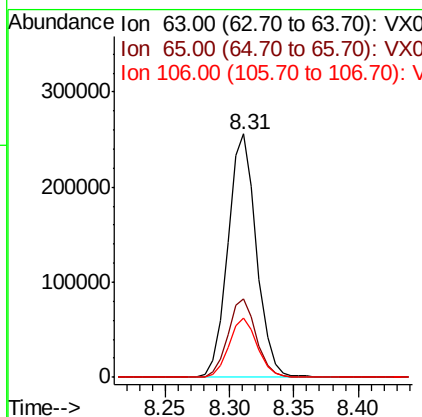
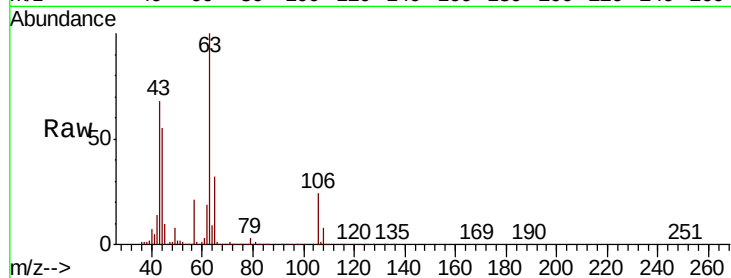
#55  
2-Chloroethyl vinyl ether  
Concen: 98.024 ug/l  
RT: 8.31 min Scan# 1174  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.7  | 25.7  | 38.5  |
| 106     | 24.3  | 23.7  | 35.5  |

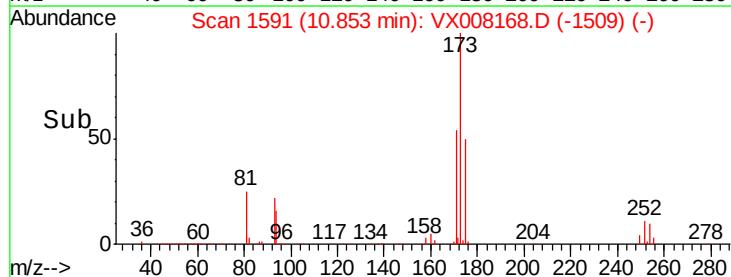
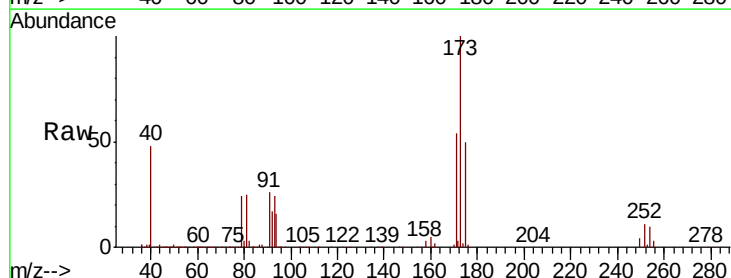
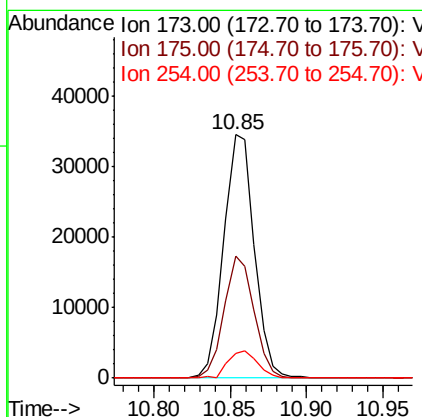
Manual Integrations  
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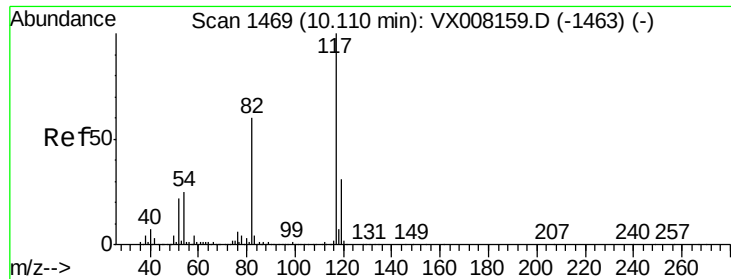
MMDadoda  
3/19/2019 9:37:27 AM



#56  
Bromoform  
Concen: 19.771 ug/l  
RT: 10.85 min Scan# 1591  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.8  | 38.5  | 57.7  |
| 254     | 10.4  | 7.4   | 11.2  |





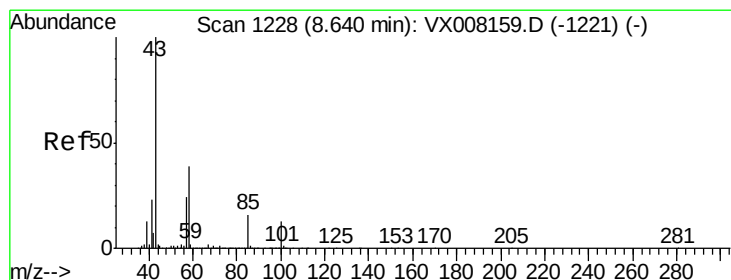
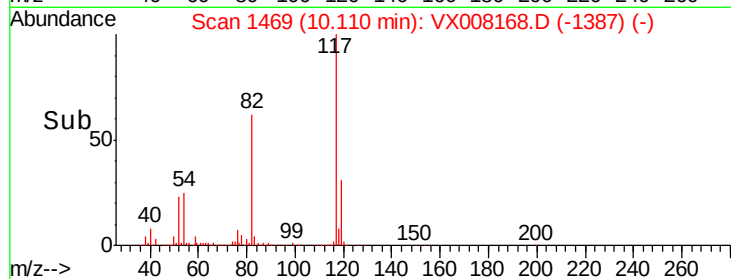
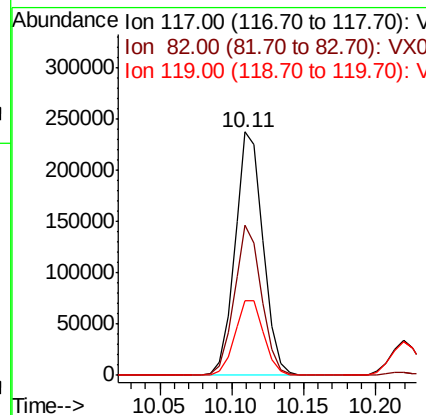
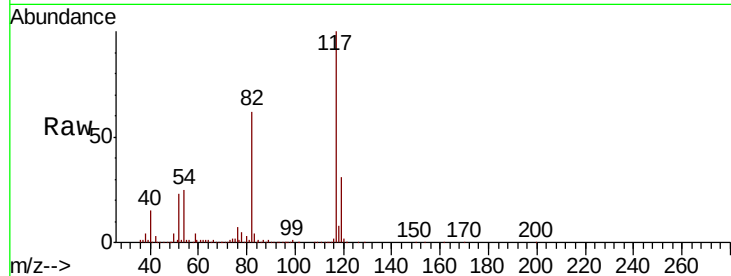
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 60.0  | 40.4  | 60.6  |
| 119     | 31.9  | 25.8  | 38.6  |

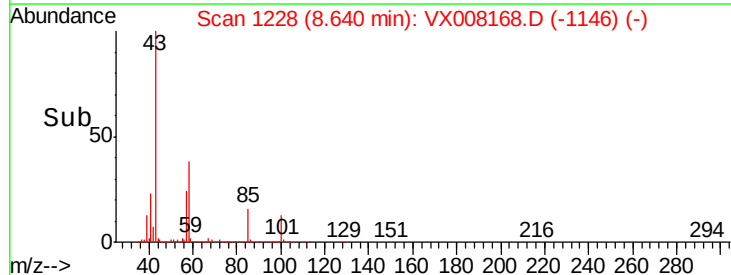
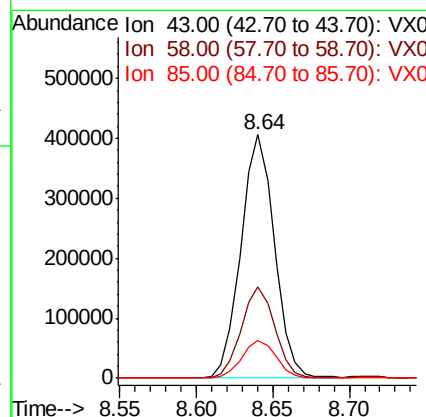
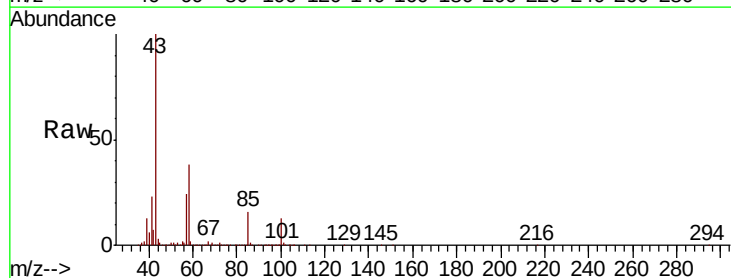
Manual Integrations  
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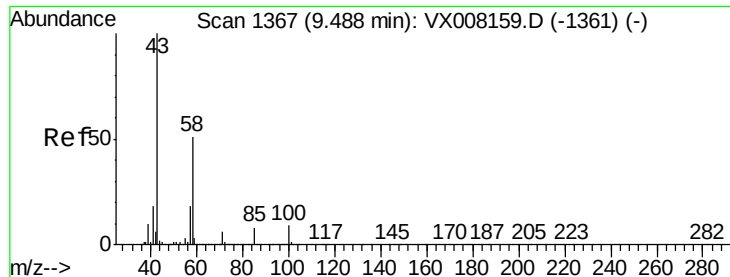
MMDadoda  
3/19/2019 9:37:27 AM



#58  
4-Methyl-2-Pentanone  
Concen: 99.898 ug/l  
RT: 8.64 min Scan# 1228  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 37.5  | 31.4  | 47.0  |
| 85      | 15.9  | 15.0  | 22.6  |





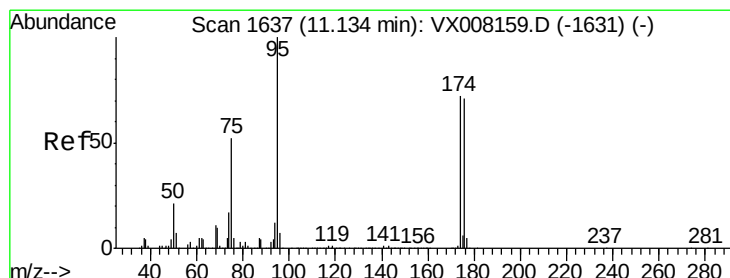
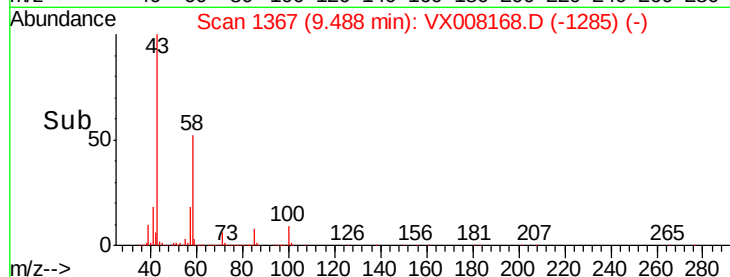
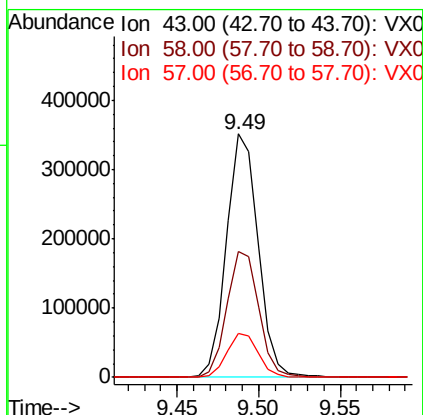
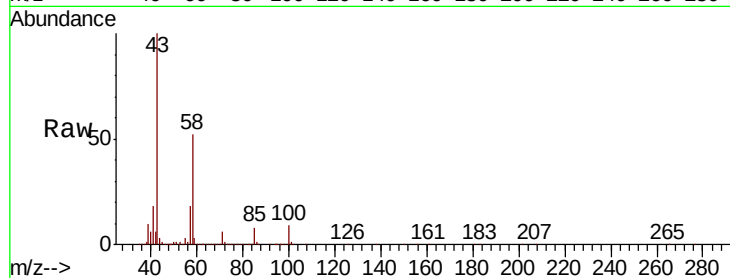
#59  
2-Hexanone  
Concen: 97.221 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 52.2  | 43.9  | 65.9  |
| 57      | 18.0  | 14.9  | 22.3  |

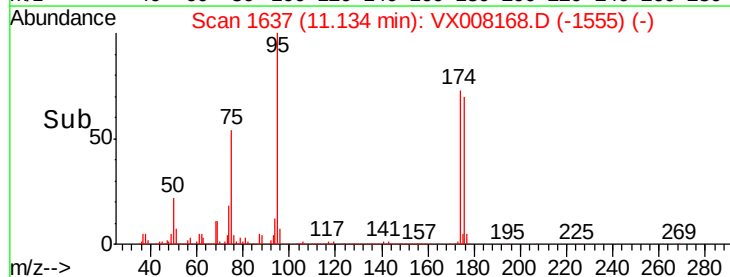
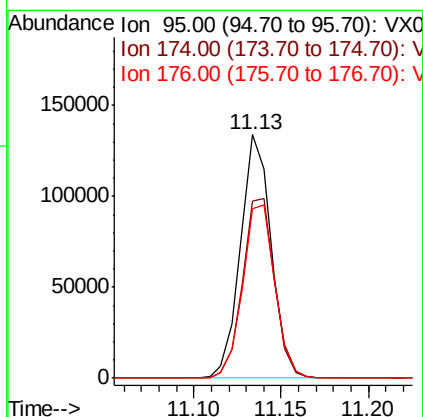
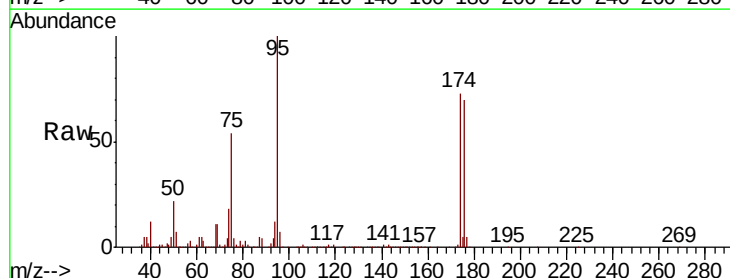
Manual Integrations  
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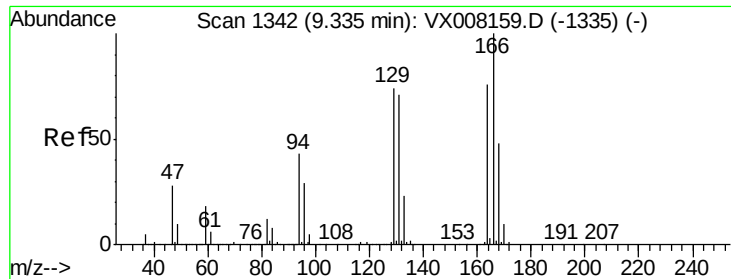
MMDadoda  
3/19/2019 9:37:27 AM



#60  
4-Bromofluorobenzene  
Concen: 30.244 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 77.1  | 74.9  | 112.3 |
| 176     | 74.5  | 70.7  | 106.1 |





#61

Tetrachloroethene

Concen: 20.946 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0318WBS01

Tot Ion:164 Resp: 68197

Ion Ratio Lower Upper

164 100

166 127.1 103.9 155.9

129 96.2 74.7 112.1

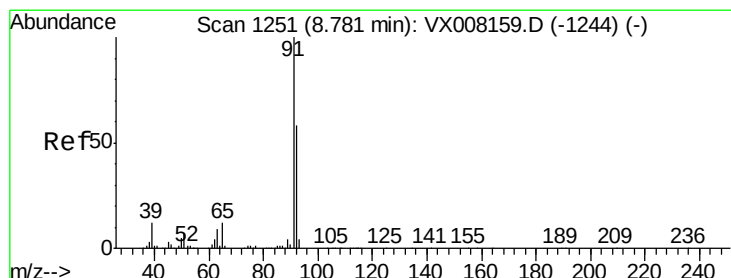
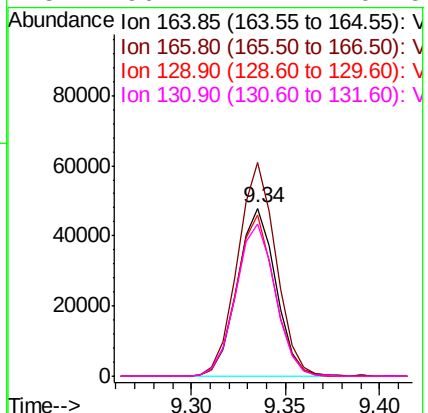
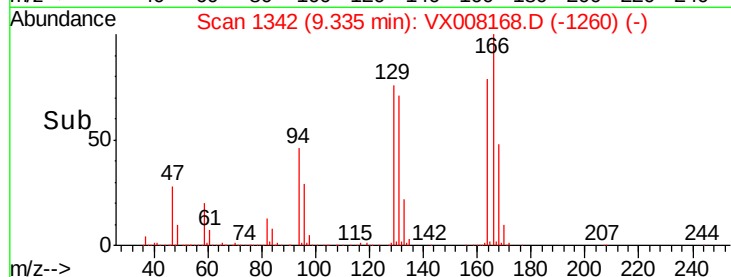
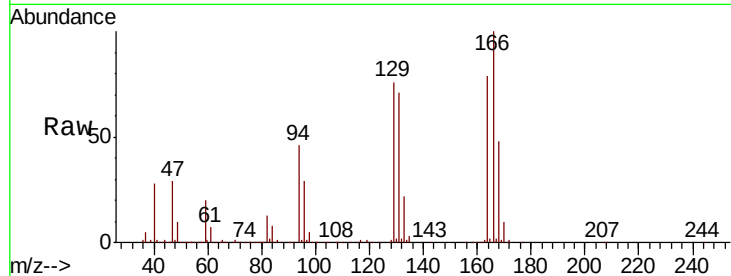
131 90.7 71.7 107.5

Manual Integrations

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#62

Toluene

Concen: 20.124 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008168.D

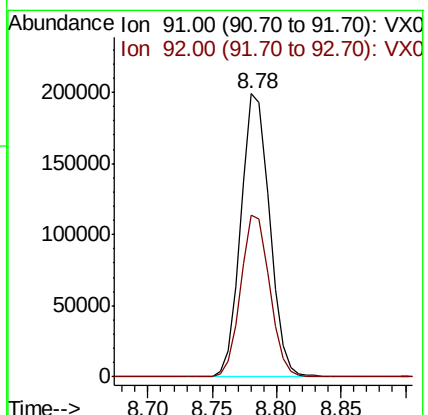
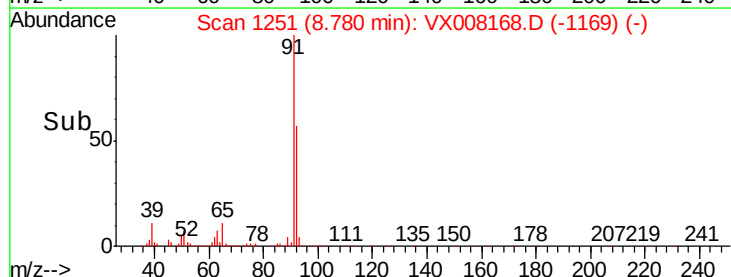
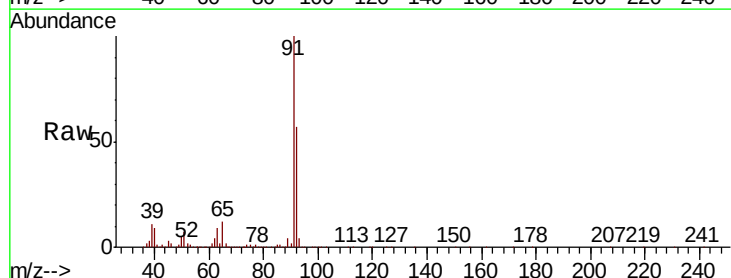
Acq: 18 Mar 2019 16:06

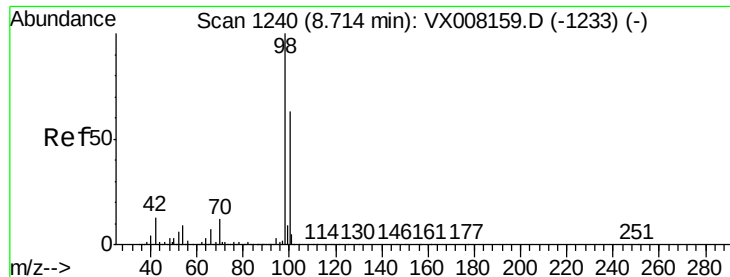
Tgt Ion: 91 Resp: 307692

Ion Ratio Lower Upper

91 100

92 57.5 46.4 69.6





#63

Toluene-d8

Concen: 29.771 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0318WBS01

Tot Ion: 98 Resp: 467641

Ion Ratio Lower Upper

98 100

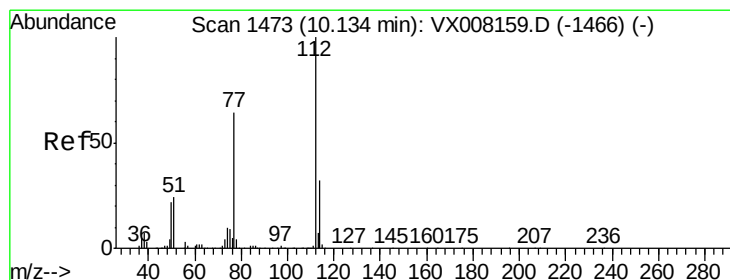
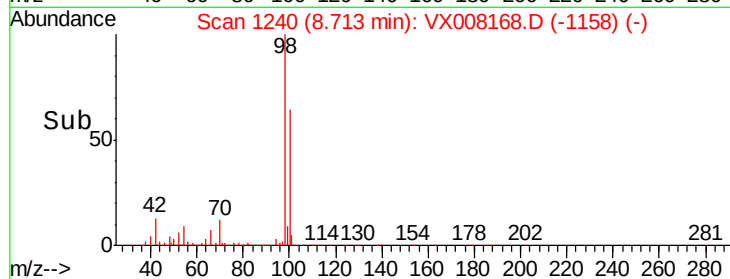
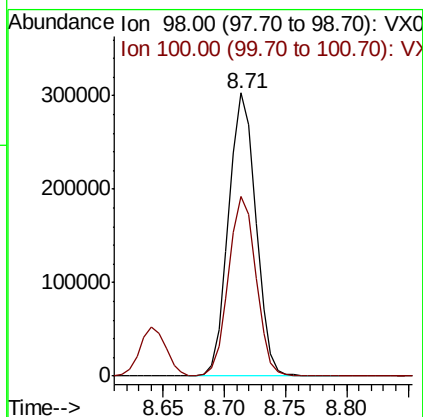
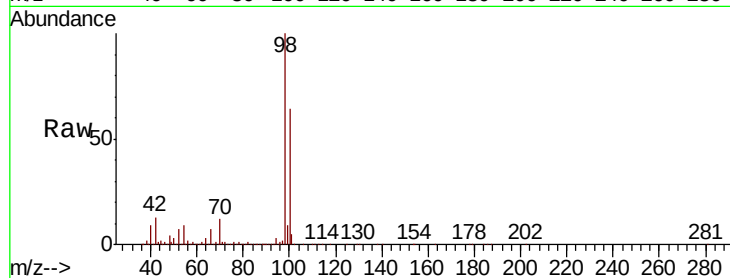
100 63.5 50.9 76.3

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#64

Chlorobenzene

Concen: 20.149 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX008168.D

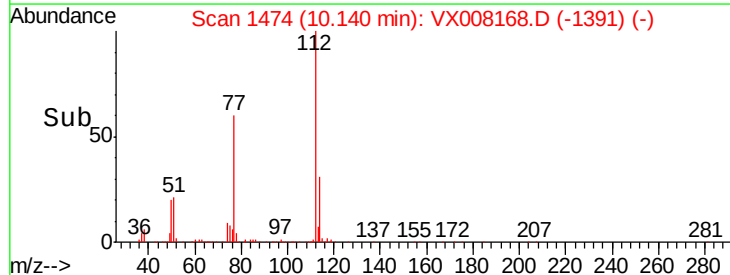
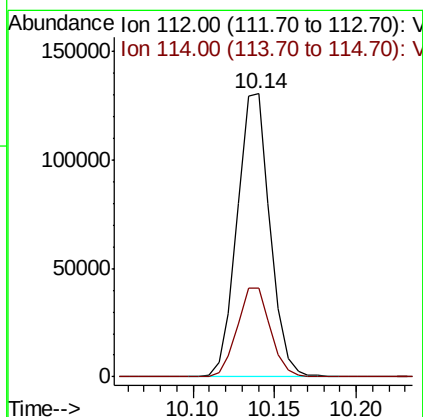
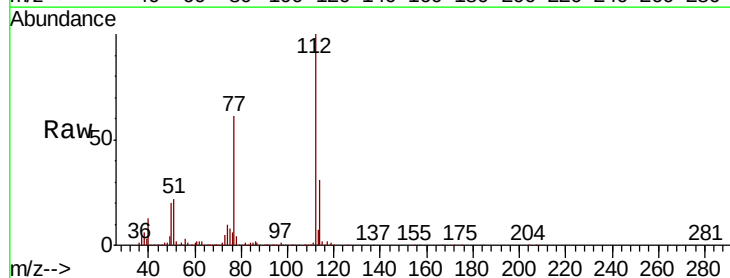
Acq: 18 Mar 2019 16:06

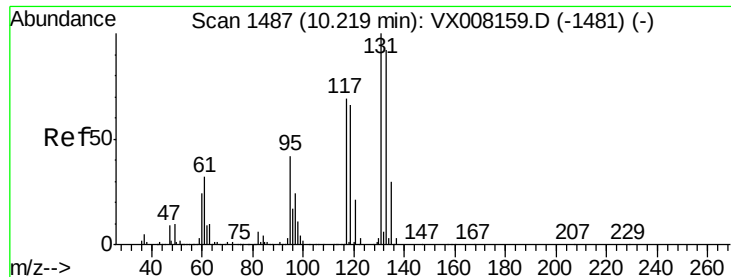
Tgt Ion: 112 Resp: 183350

Ion Ratio Lower Upper

112 100

114 31.2 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.978 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

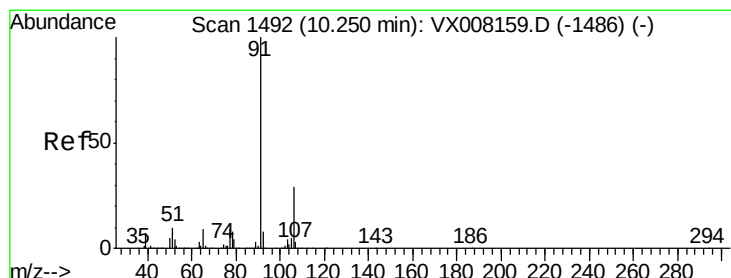
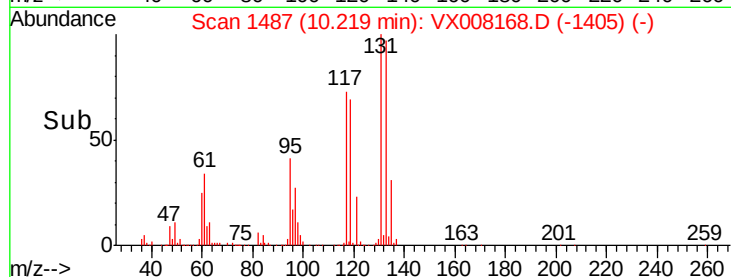
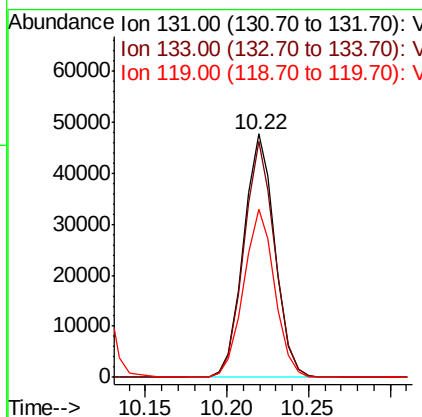
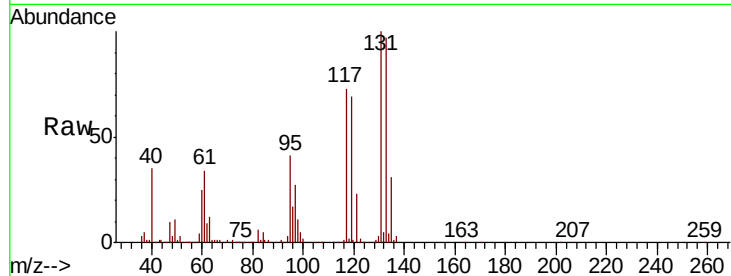
ClientSampleId :

VX0318WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 131   | Resp: | 63745 |
| Ion      | Ratio | Lower | Upper |
| 131      | 100   |       |       |
| 133      | 95.7  | 0.0   | 191.6 |
| 119      | 68.4  | 0.0   | 127.4 |

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#66

Ethyl Benzene

Concen: 20.242 ug/l

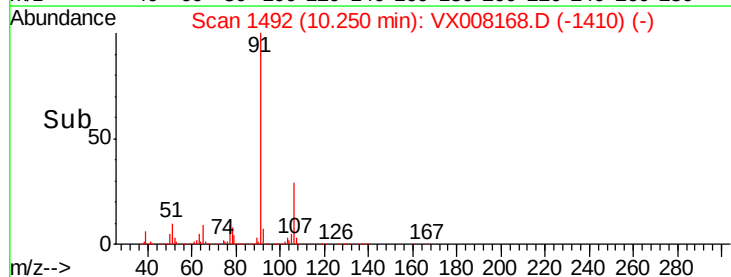
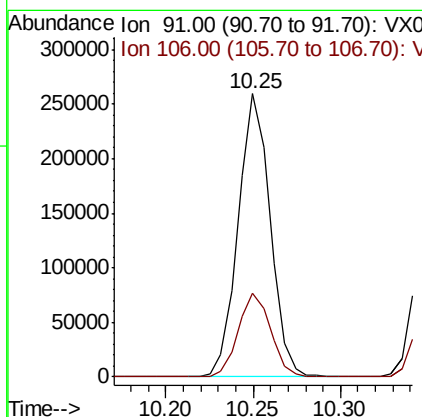
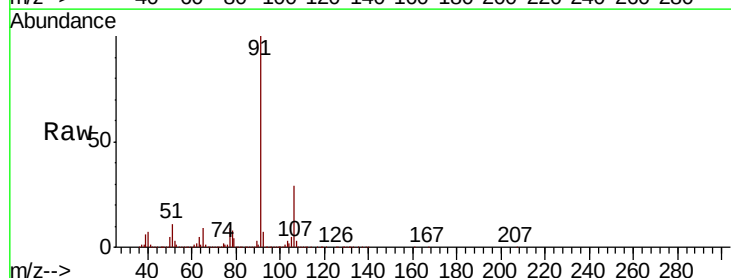
RT: 10.25 min Scan# 1492

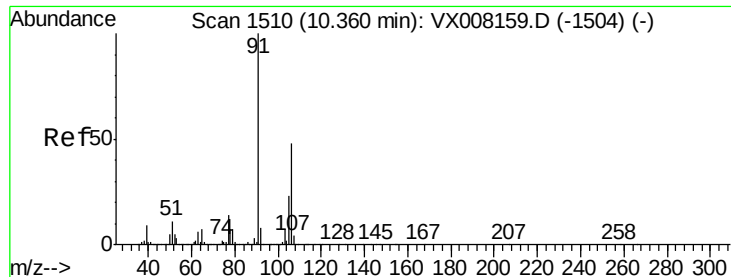
Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 330562 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 106      | 29.4  | 26.0  | 39.0   |





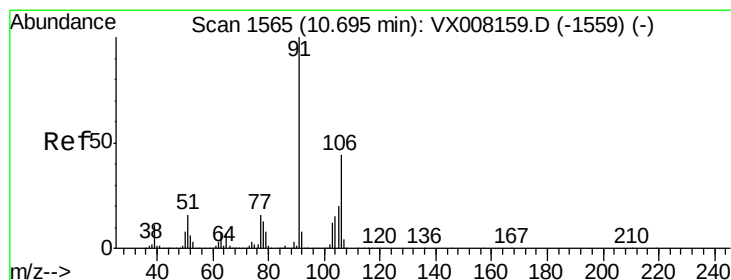
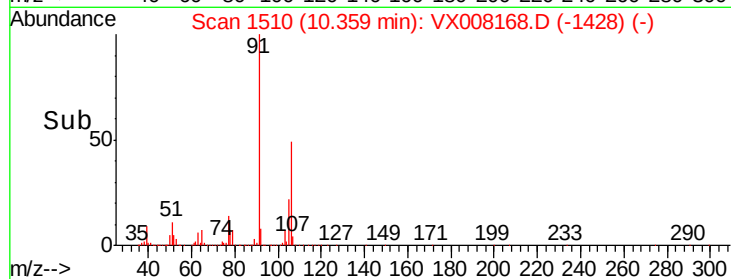
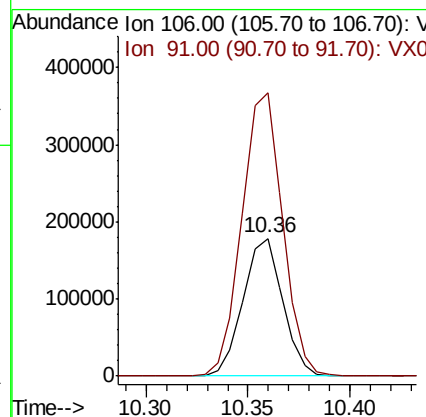
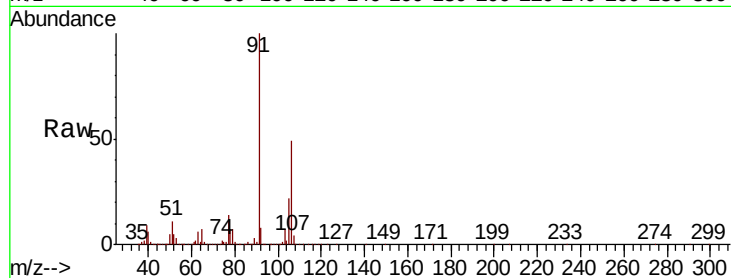
#67  
m/p-Xylenes  
Concen: 40.126 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

Tot Ion:106 Resp: 242071  
Ion Ratio Lower Upper  
106 100  
91 210.3 157.0 235.4

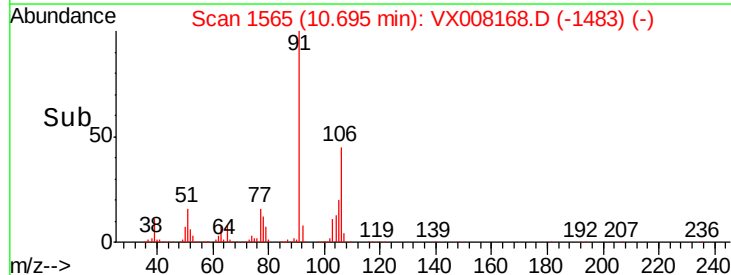
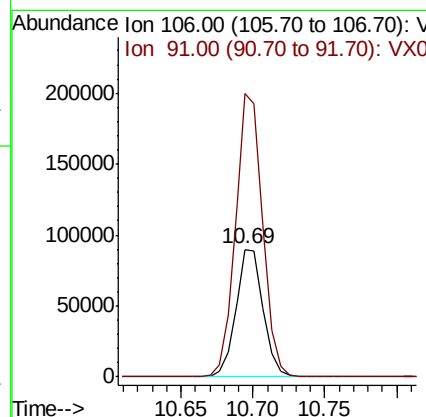
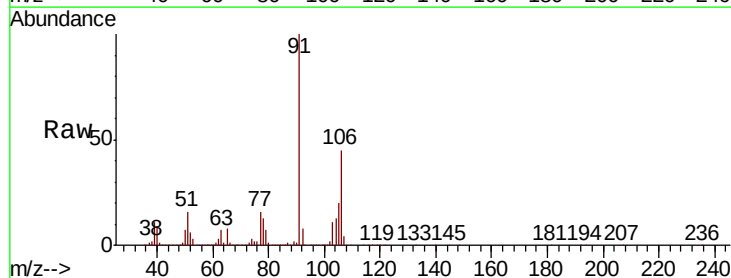
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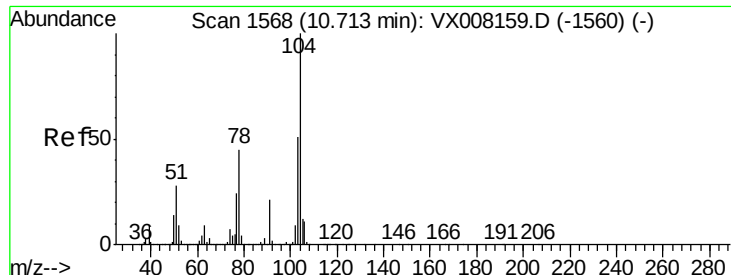
MMDadoda  
3/19/2019 9:37:27 AM



#68  
o-Xylene  
Concen: 20.400 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Tgt Ion:106 Resp: 118258  
Ion Ratio Lower Upper  
106 100  
91 221.7 104.4 313.2





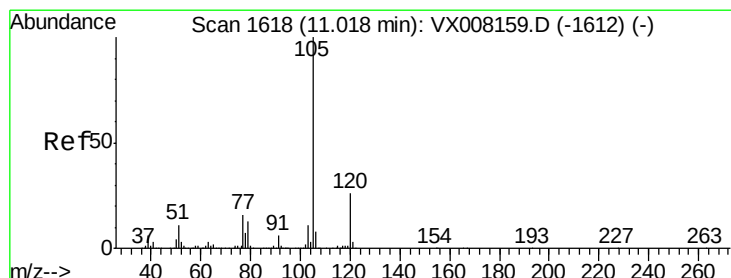
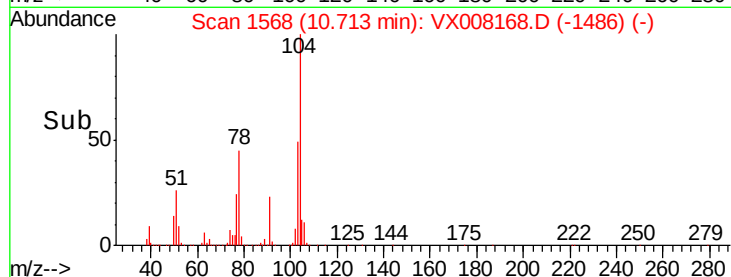
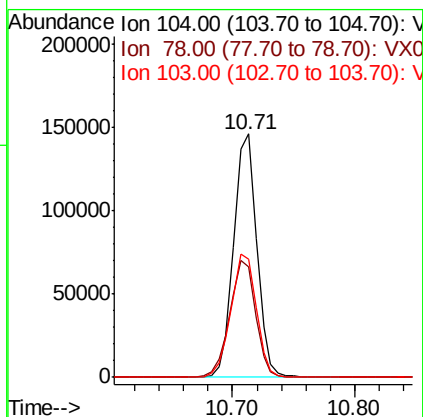
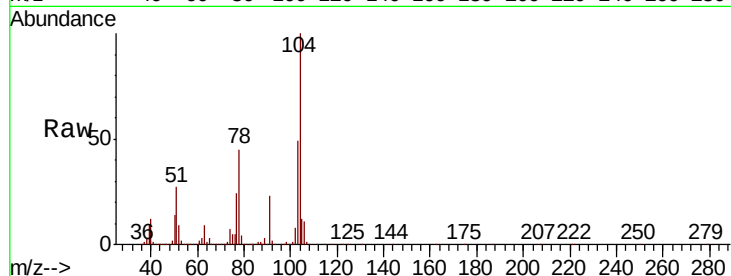
#69  
Stvrene  
Concen: 20.154 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 53.7  | 38.2  | 57.2  |
| 103     | 55.7  | 45.0  | 67.4  |

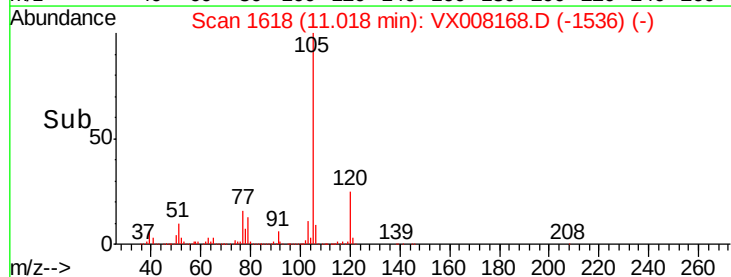
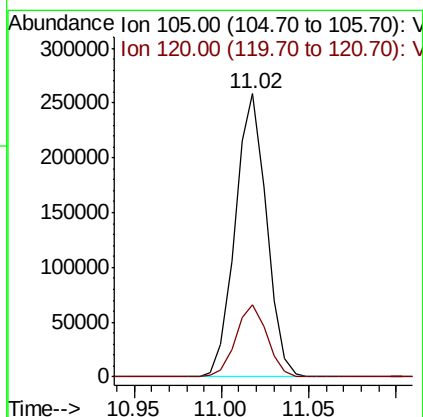
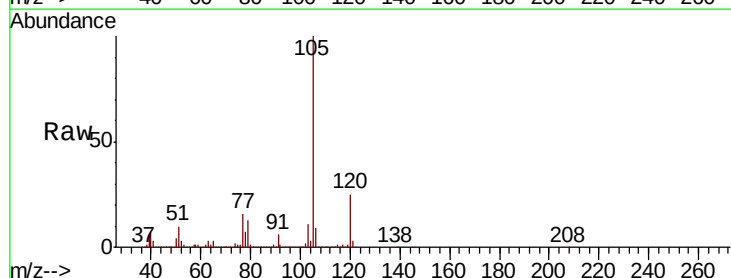
Manual Integrations  
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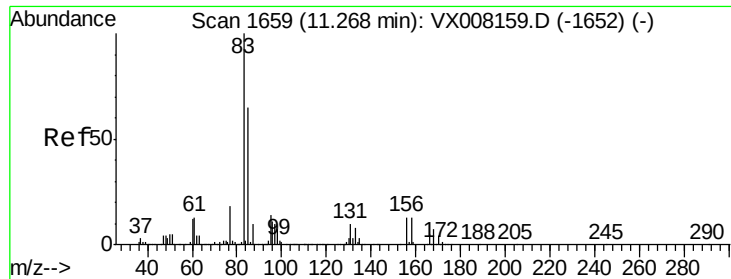


#70  
Isopropylbenzene  
Concen: 20.535 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.5  | 19.8  | 36.8  |







#71

1,1,2,2-Tetrachloroethane

Concen: 20.405 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

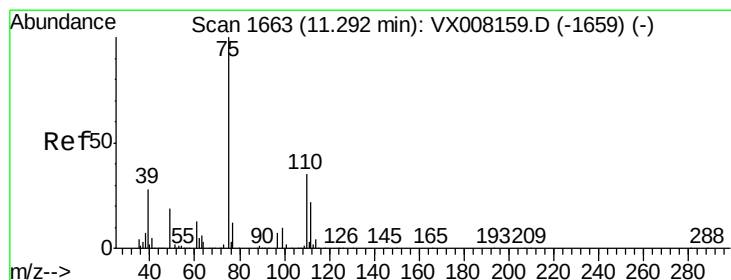
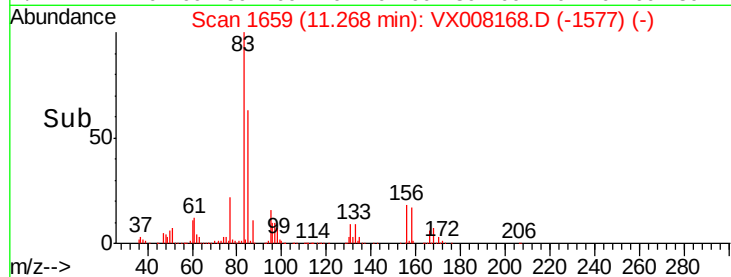
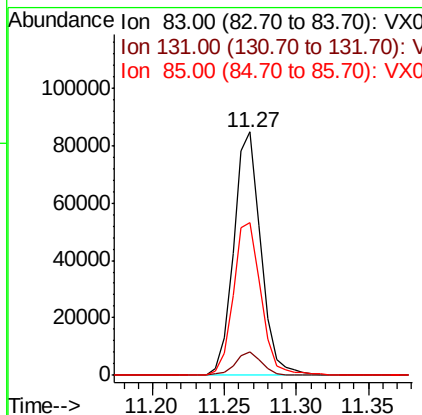
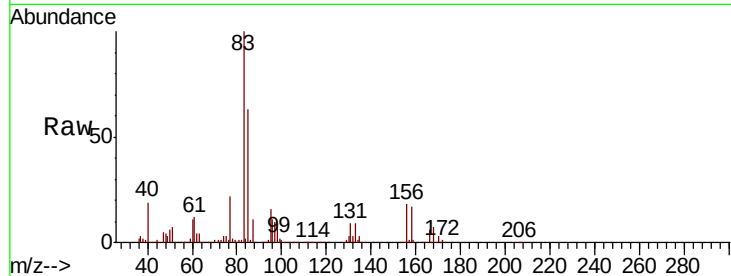
ClientSampled :

VX0318WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 111724 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.1   | 5.4   | 16.2   |
| 85        | 64.1  | 32.8  | 98.4   |

Manual Integrations  
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3/19/2019 9:37:27 AM



#72

1,2,3-Trichloropropane

Concen: 23.784 ug/l m

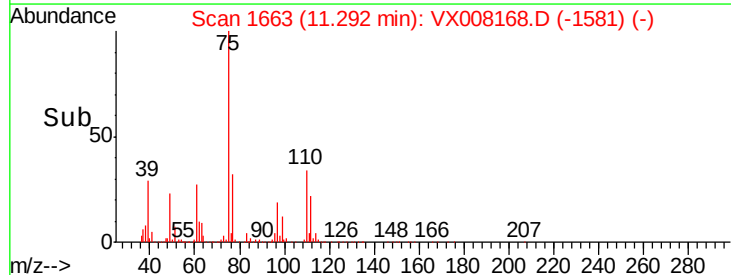
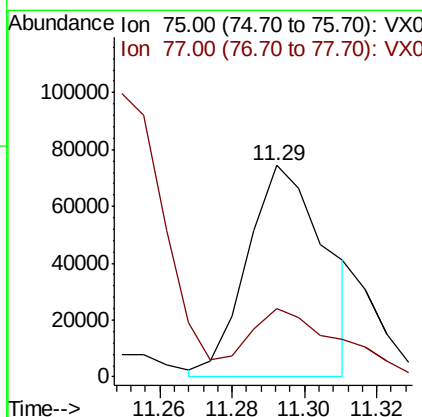
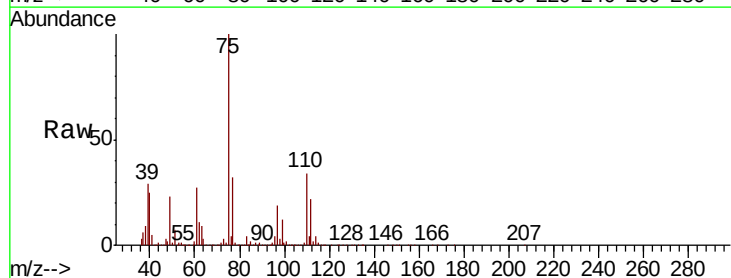
RT: 11.29 min Scan# 1663

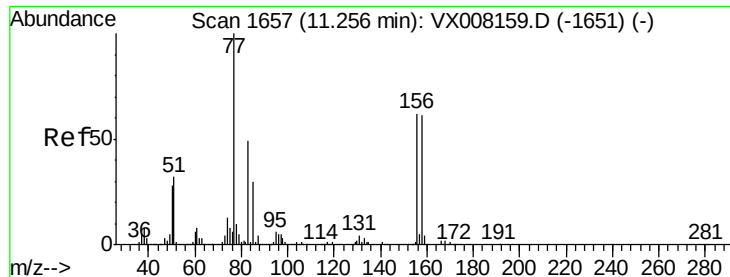
Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 112299 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 37.5  | 0.0   | 76.4   |





#73

Bromobenzene

Concen: 20.064 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

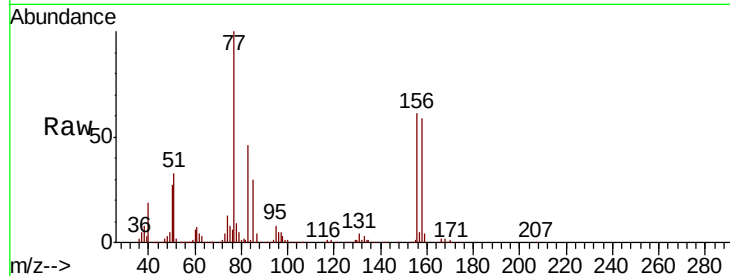
ClientSampled :

VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 175.4 | 0.0   | 271.4 |
| 158     | 97.2  | 0.0   | 194.0 |

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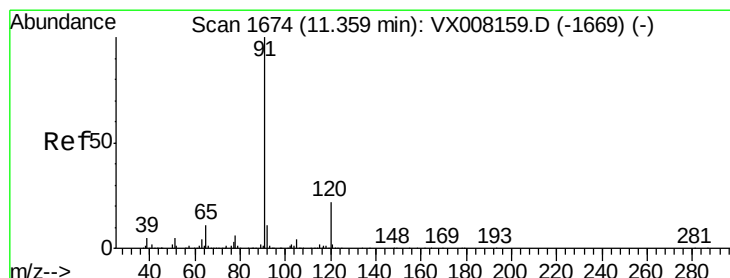
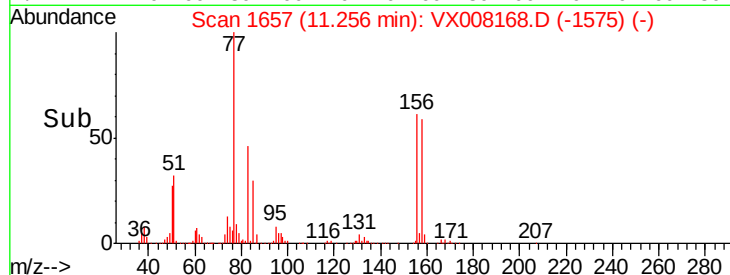
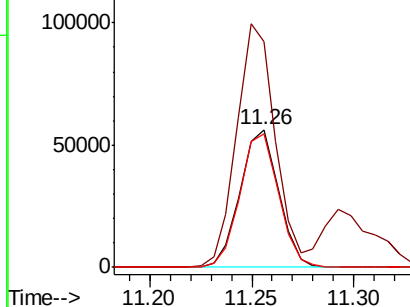
MMDadoda  
3/19/2019 9:37:27 AM



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: 20.154 ug/l

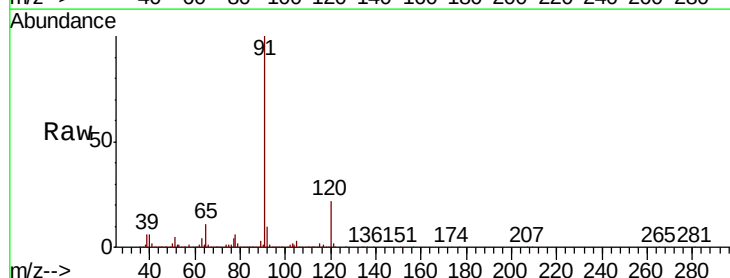
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008168.D

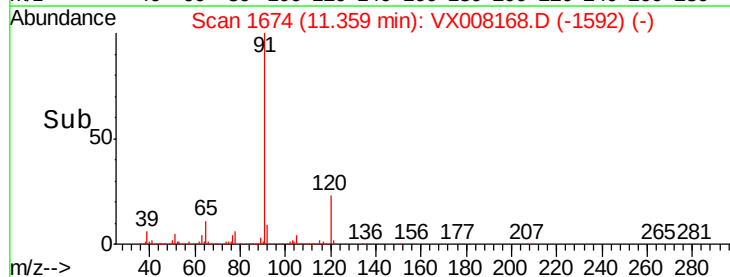
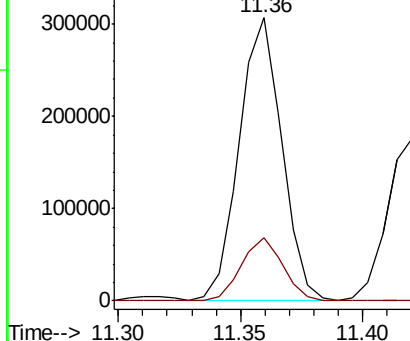
Acq: 18 Mar 2019 16:06

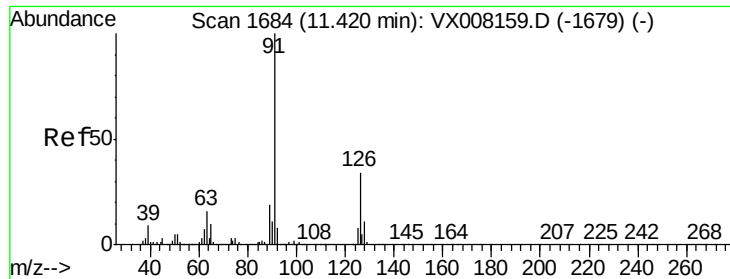
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 21.7  | 0.0   | 48.6  |



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





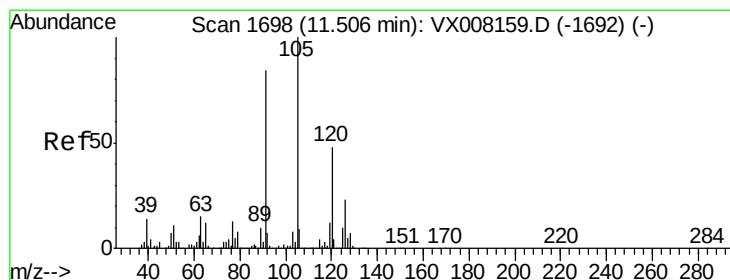
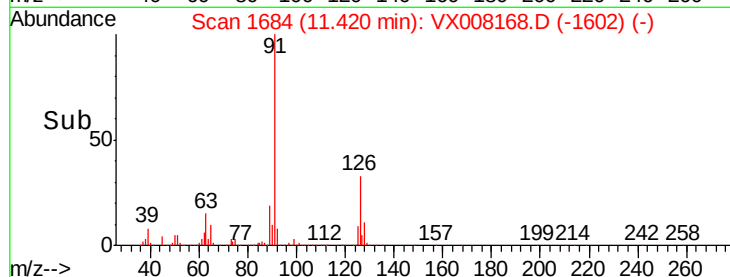
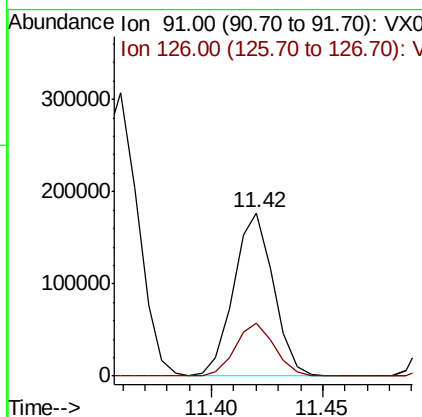
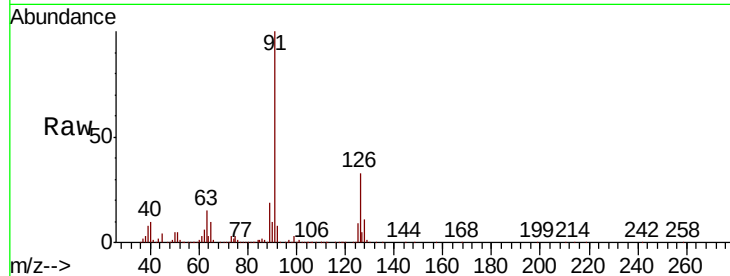
#75  
 2-Chlorotoluene  
 Concen: 20.331 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.1  | 0.0   | 75.2  |

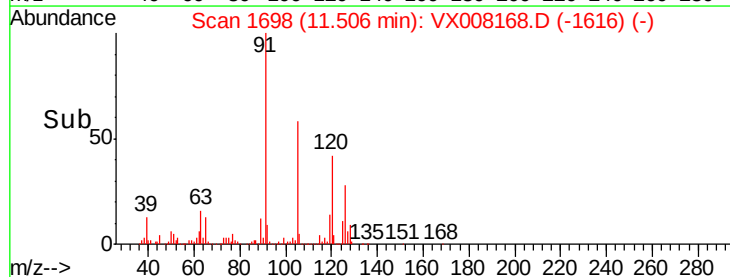
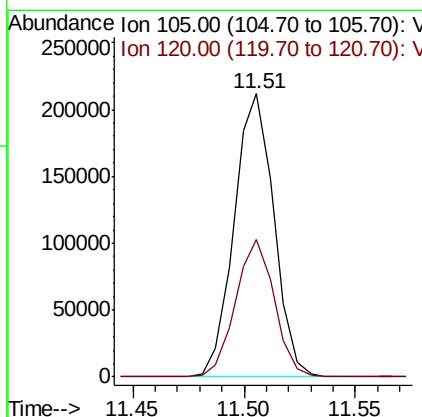
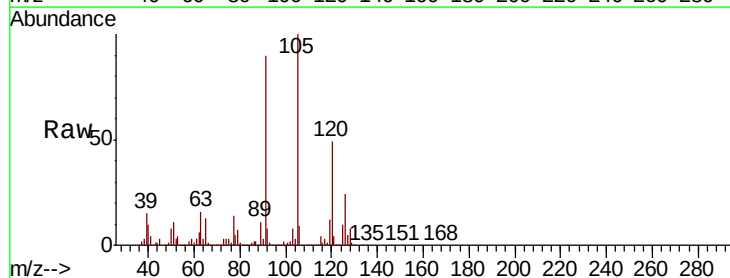
Manual Integrations  
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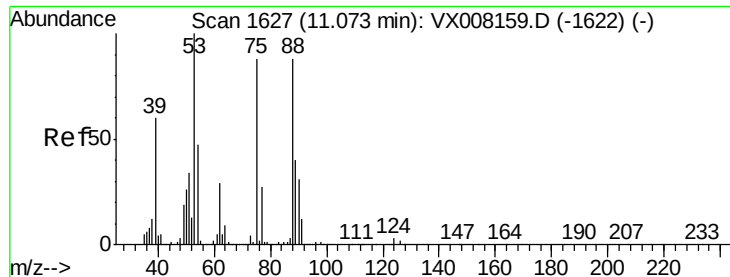
MMDadoda  
 3/19/2019 9:37:27 AM



#76  
 1,3,5-Trimethylbenzene  
 Concen: 20.255 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 47.4  | 0.0   | 101.0 |





#77

t-1,4-Dichloro-2-butene

Concen: 19.521 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

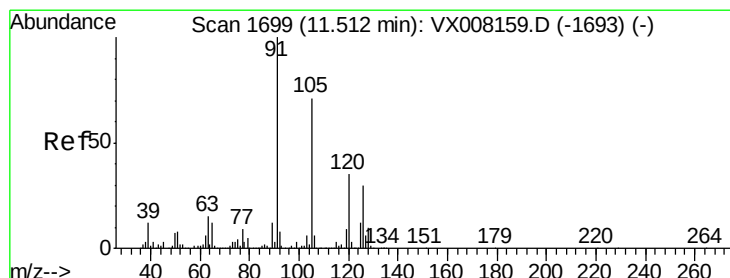
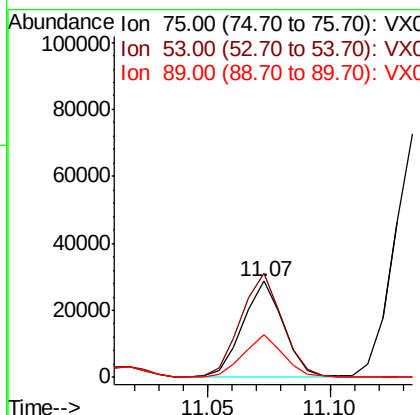
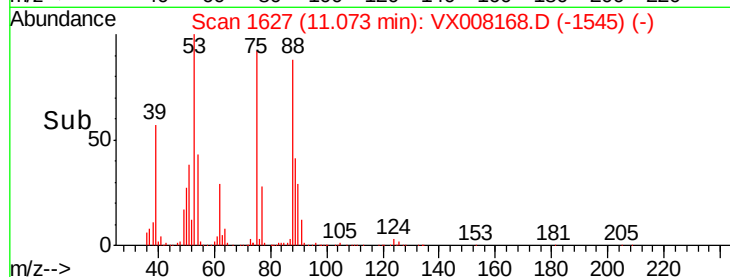
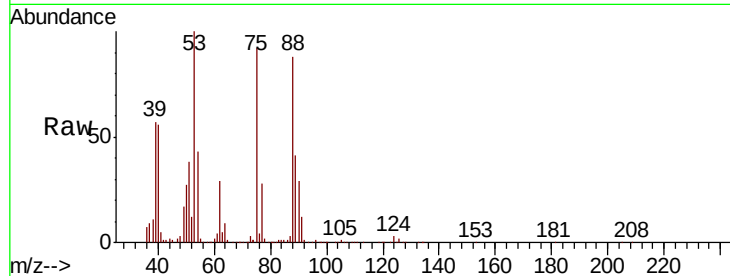
ClientSampleId :

VX0318WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 33120 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 108.9 | 55.5  | 166.7 |
| 89       | 44.4  | 24.4  | 73.2  |

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3/19/2019 9:37:27 AM



#78

4-Chlorotoluene

Concen: 19.983 ug/l

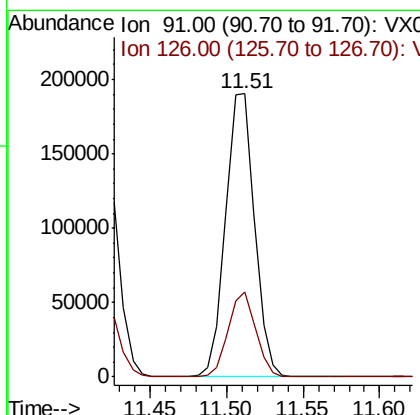
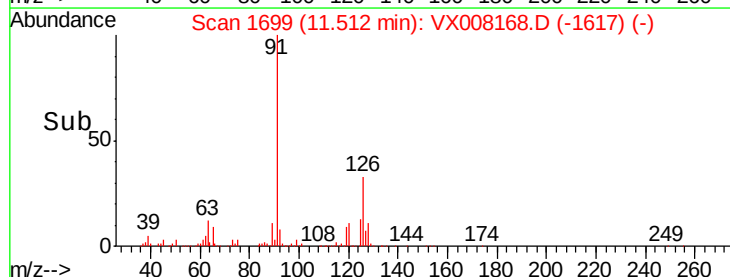
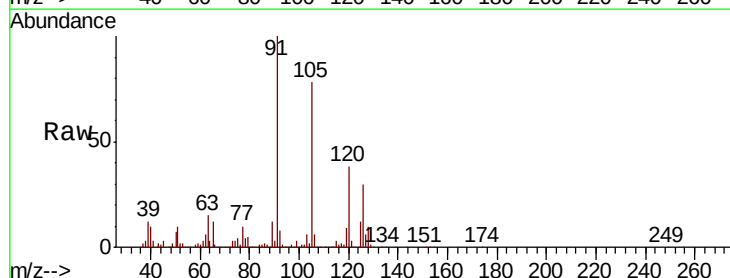
RT: 11.51 min Scan# 1699

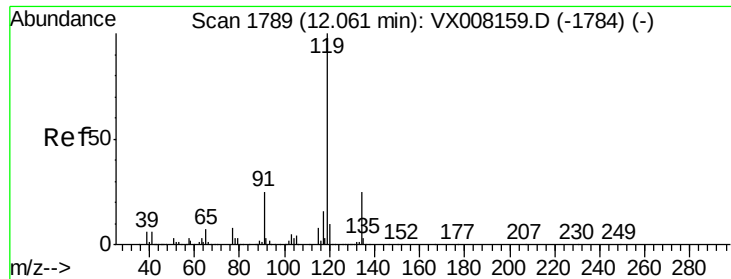
Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 250255 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 28.6  | 0.0   | 66.2   |





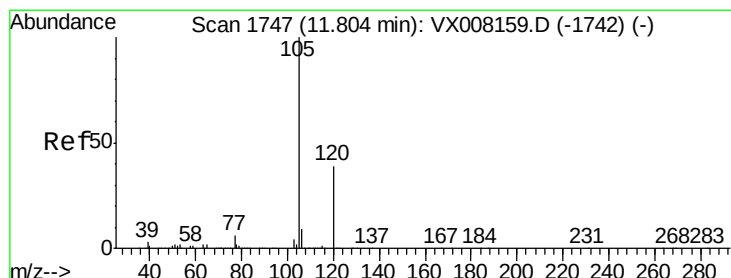
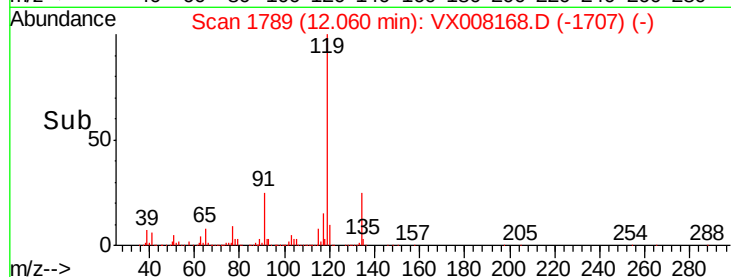
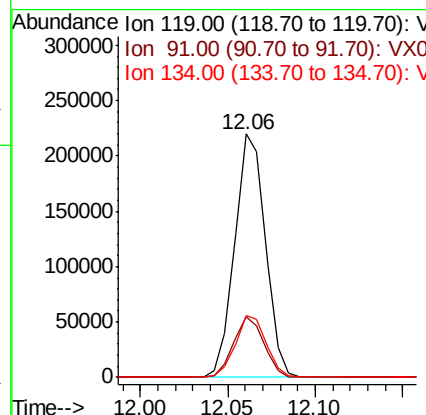
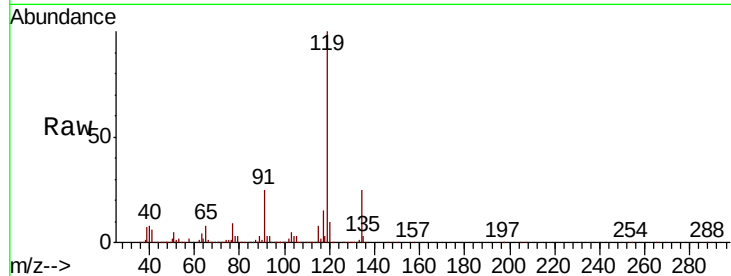
#79  
tert-butylbenzene  
Concen: 20.462 ug/l  
RT: 12.06 min Scan# 1789  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 269346 |       |       |
| 91      | 24.3  | 0.0    | 45.0  |       |
| 134     | 25.3  | 0.0    | 55.4  |       |

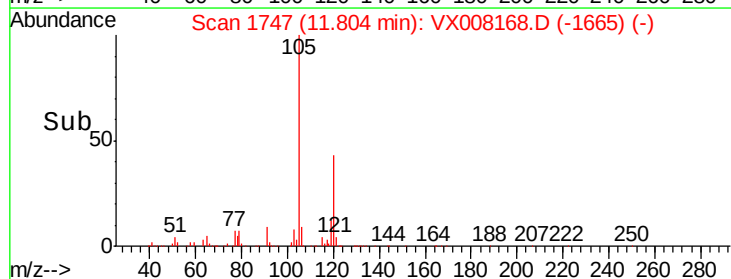
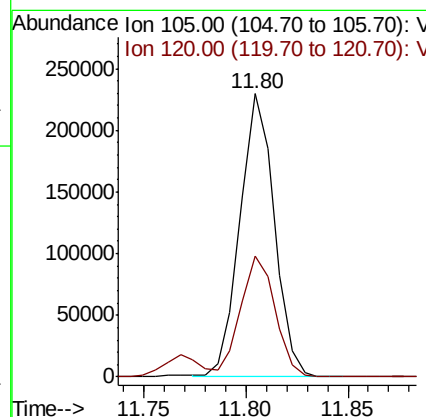
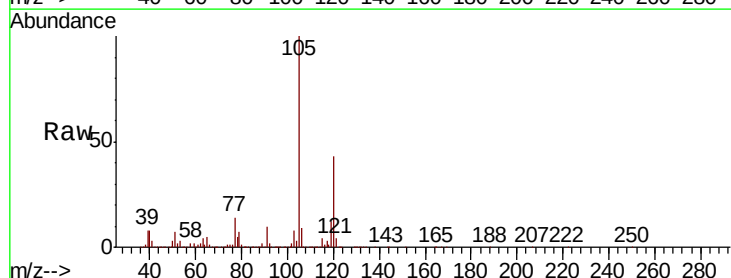
Manual Integrations  
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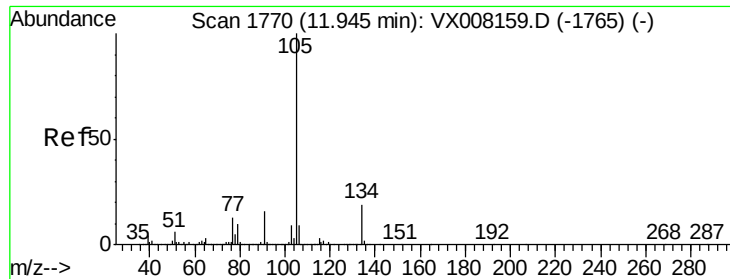
MMDadoda  
3/19/2019 9:37:27 AM



#80  
1,2,4-Trimethylbenzene  
Concen: 20.470 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 267087 |       |       |
| 120     | 42.8  | 0.0    | 94.0  |       |





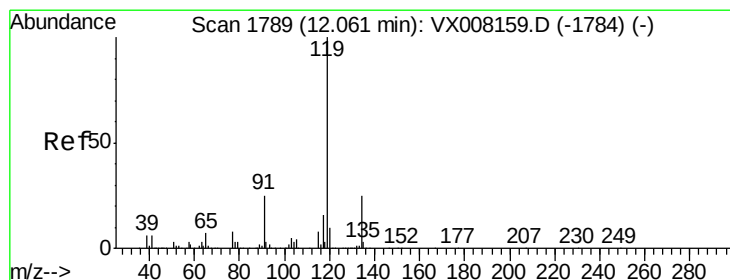
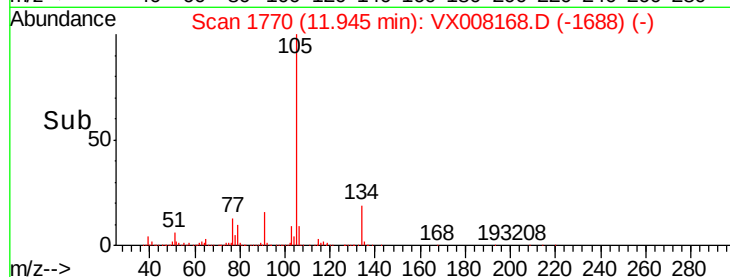
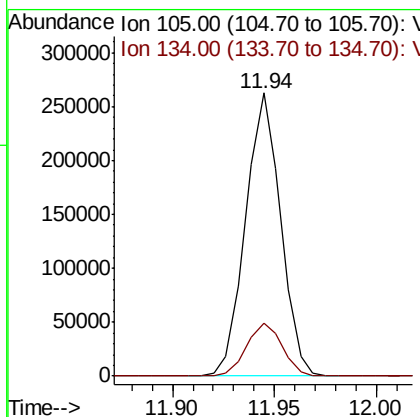
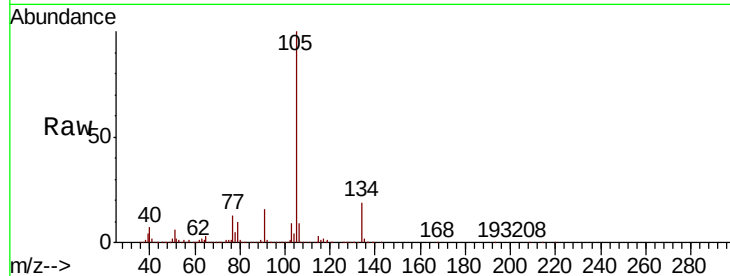
#81  
 sec-Butylbenzene  
 Concen: 20.296 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0318WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 313302 |       |       |
| 134     | 19.1  | 0.0    | 41.8  |       |

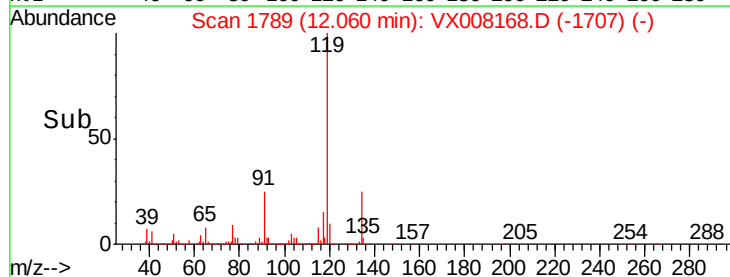
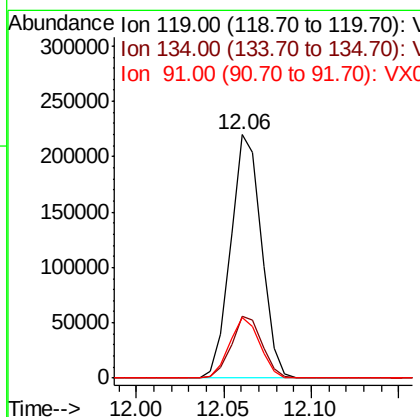
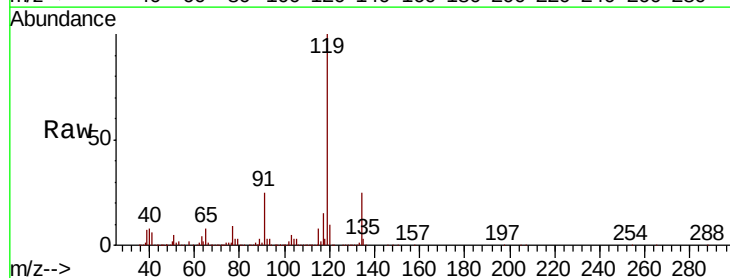
Manual Integrations  
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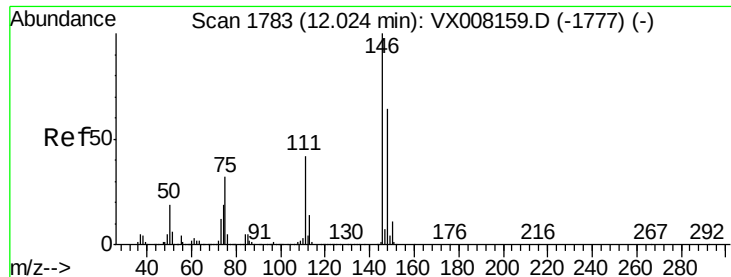
MMDadoda  
 3/19/2019 9:37:27 AM



#82  
 p-Isopropyltoluene  
 Concen: 20.462 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 269346 |       |       |
| 134     | 25.3  | 0.0    | 55.4  |       |
| 91      | 24.3  | 0.0    | 45.0  |       |





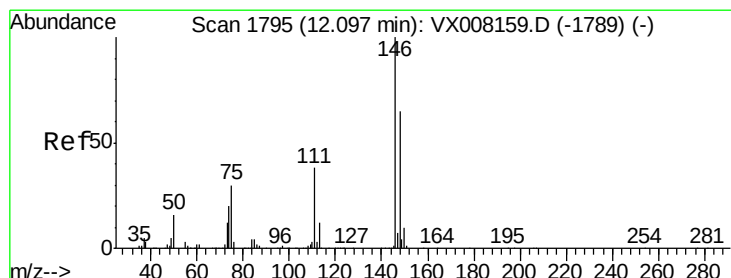
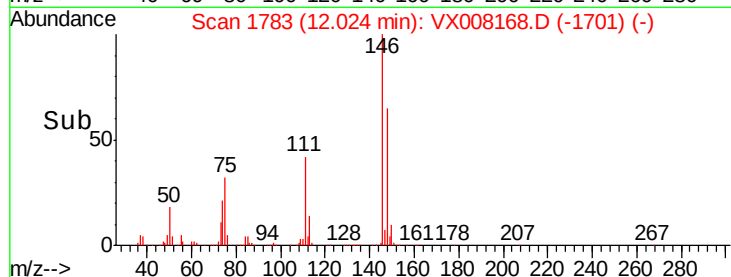
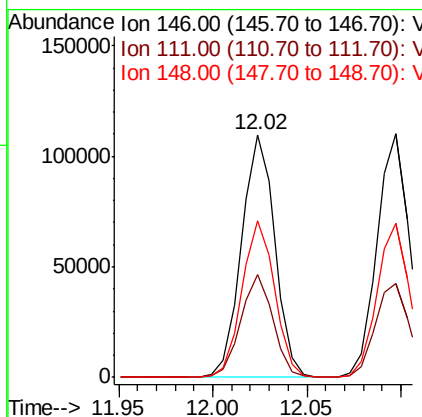
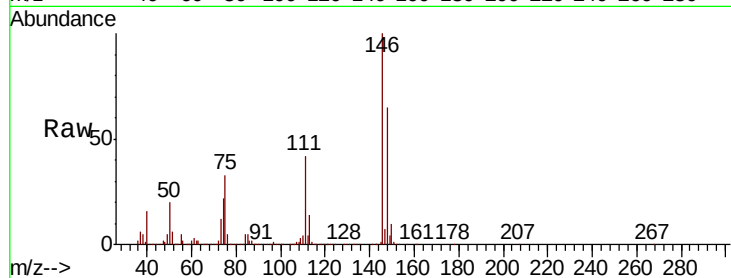
#83  
 1,3-Dichlorobenzene  
 Concen: 20.231 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.3  | 18.8  | 56.3  |
| 148     | 63.7  | 30.6  | 91.8  |

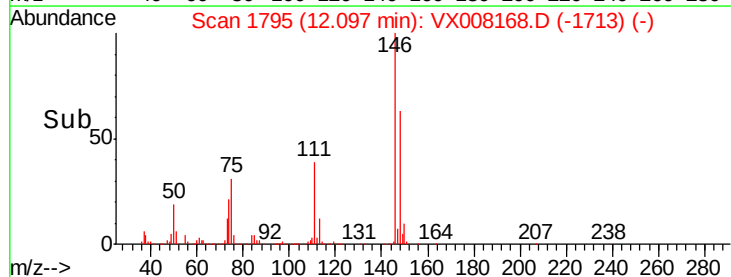
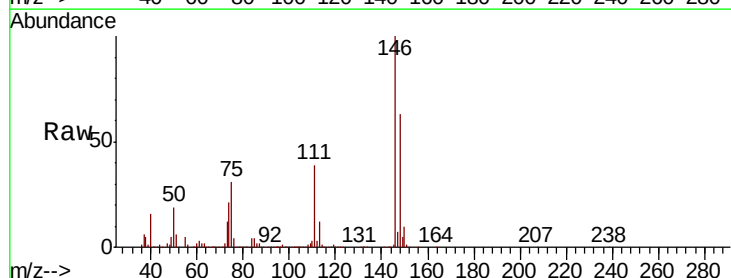
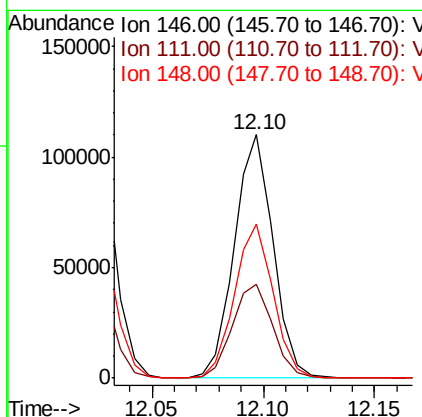
Manual Integrations  
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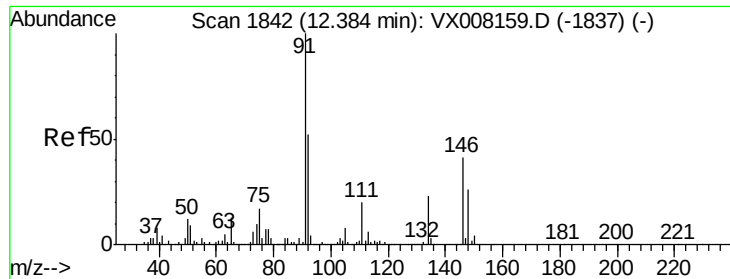
MMDadoda  
 3/19/2019 9:37:27 AM



#84  
 1,4-Dichlorobenzene  
 Concen: 20.125 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.4  | 17.6  | 52.8  |
| 148     | 63.8  | 31.4  | 94.2  |





#85

n-Butylbenzene

Concen: 19.841 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

Instrument :

MSVOA\_X

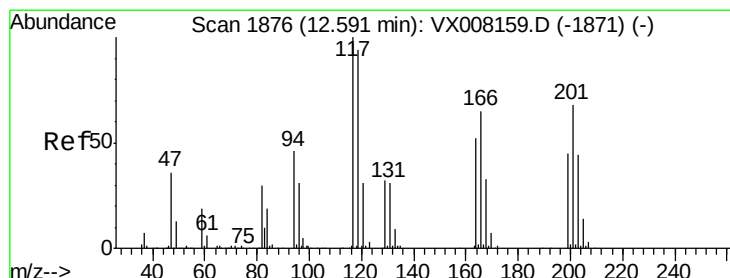
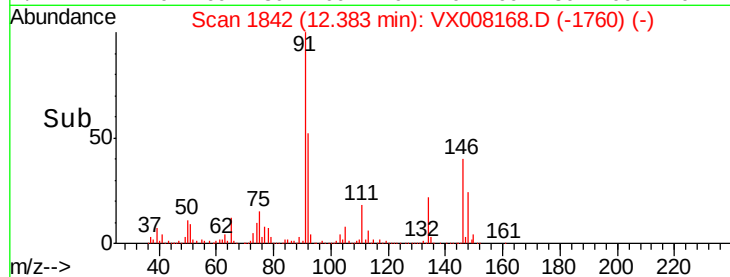
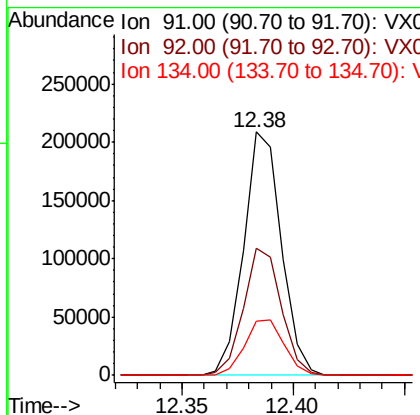
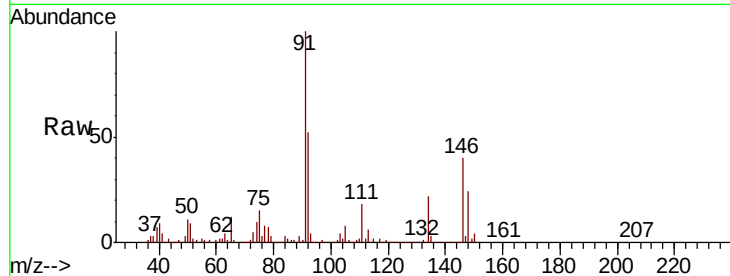
ClientSampleId :

VX0318WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 91    | Resp: | 246268 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 52.6  | 0.0   | 105.2  |
| 134       | 24.1  | 0.0   | 56.4   |

Manual Integrations  
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3/19/2019 9:37:27 AM



#86

Hexachloroethane

Concen: 19.925 ug/l

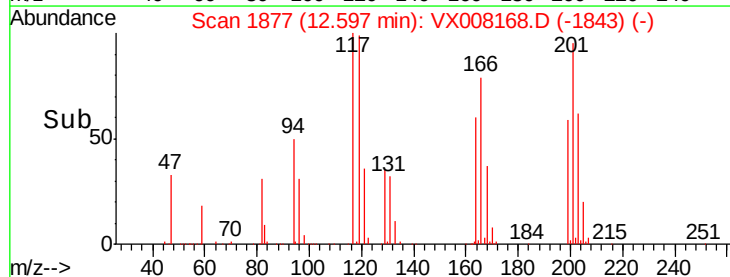
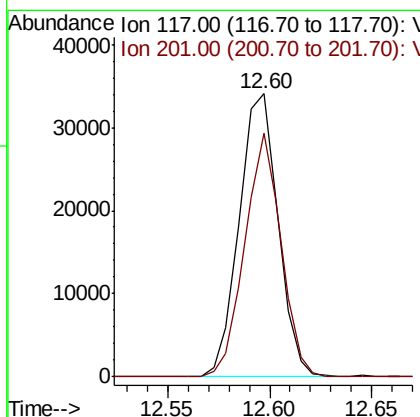
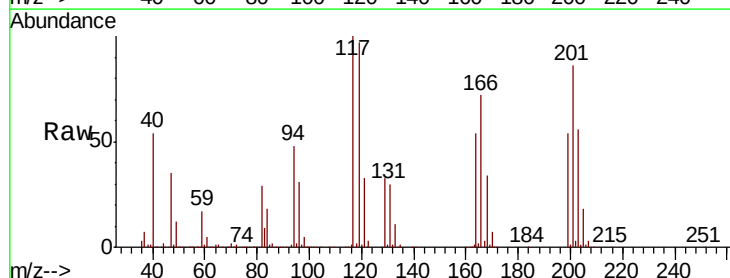
RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

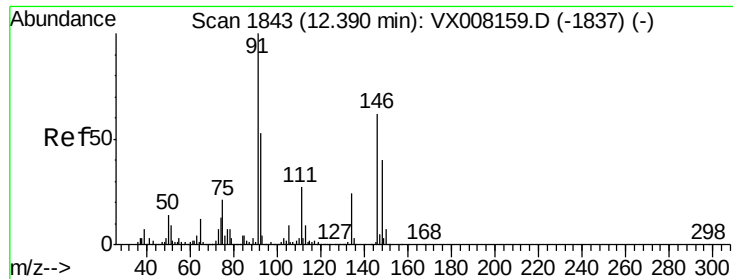
Lab File: VX008168.D

Acq: 18 Mar 2019 16:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 44959 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 80.6  | 41.1  | 123.3 |







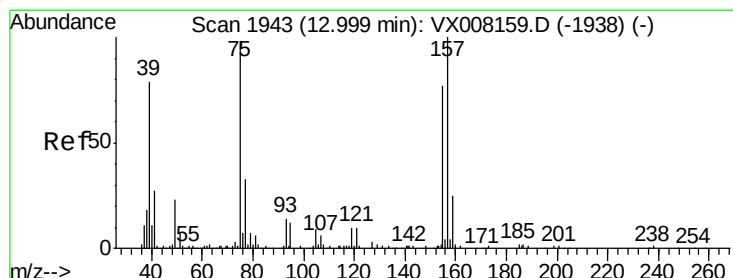
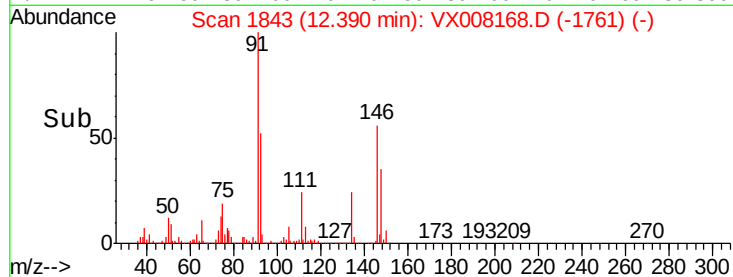
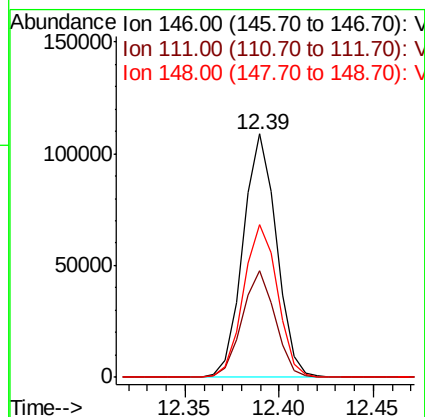
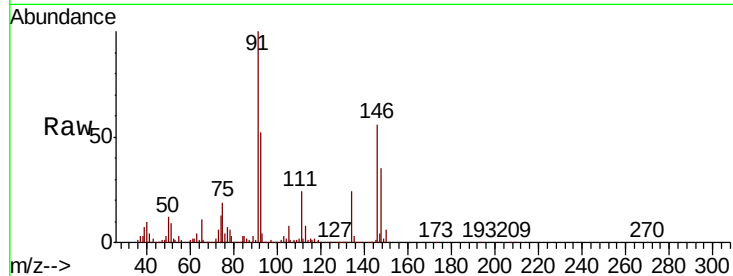
#87  
 1,2-Dichlorobenzene  
 Concen: 20.278 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0318WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 43.2  | 19.3 | 57.8  |       |
| 148     | 63.9  | 32.1 | 96.3  |       |

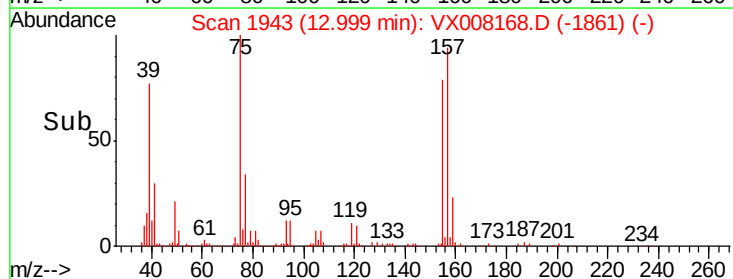
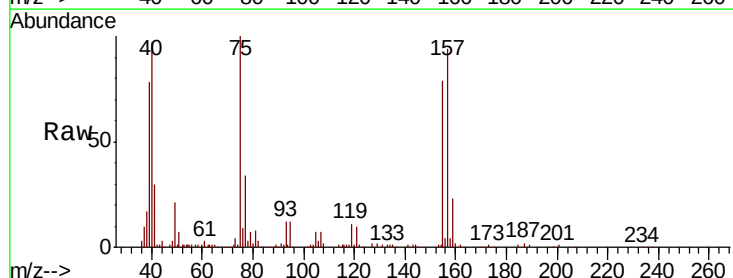
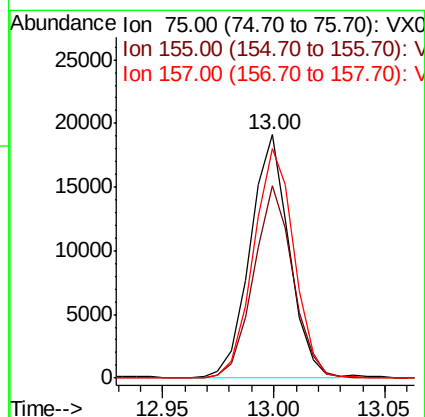
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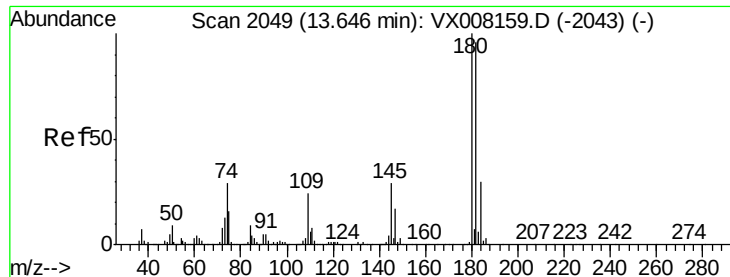
MMDadoda  
 3/19/2019 9:37:27 AM



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.299 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 75      | 100   |       |        |       |
| 155     | 79.4  | 81.0  | 121.6# |       |
| 157     | 97.8  | 103.2 | 154.8# |       |





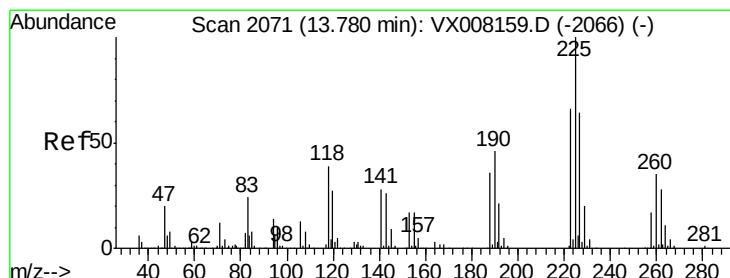
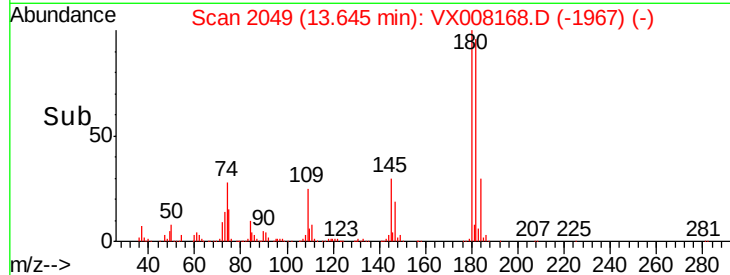
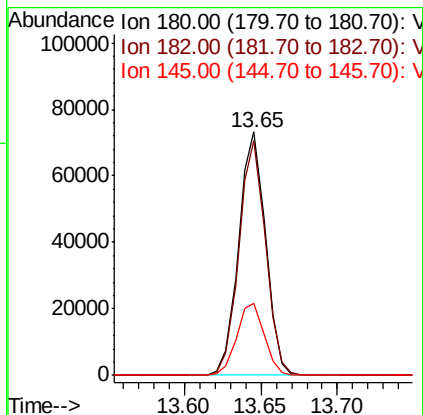
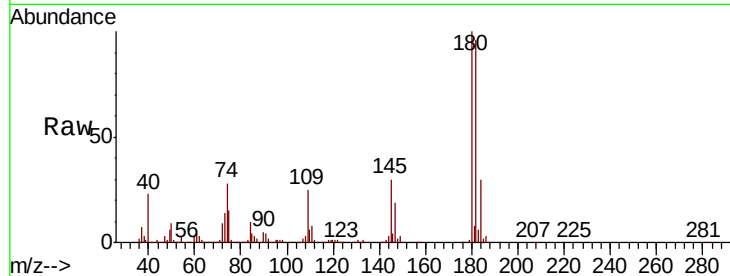
#89  
 1,2,4-Trichlorobenzene  
 Concen: 20.658 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 75.6  | 113.4 |
| 145     | 30.5  | 23.0  | 34.6  |

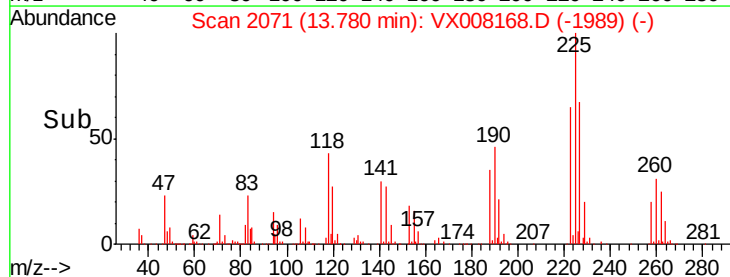
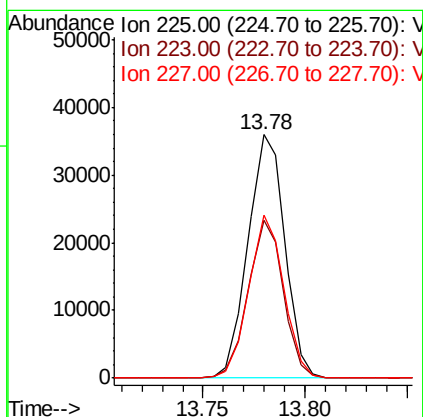
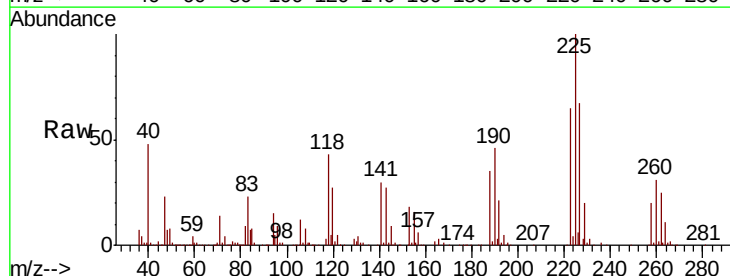
Manual Integrations  
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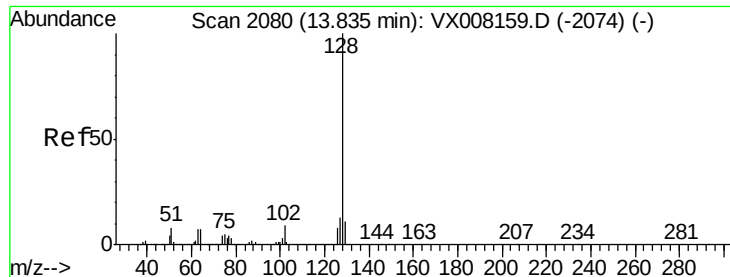
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#90  
 Hexachlorobutadiene  
 Concen: 20.290 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX008168.D  
 Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.9  | 0.0   | 123.8 |
| 227     | 63.5  | 0.0   | 124.4 |





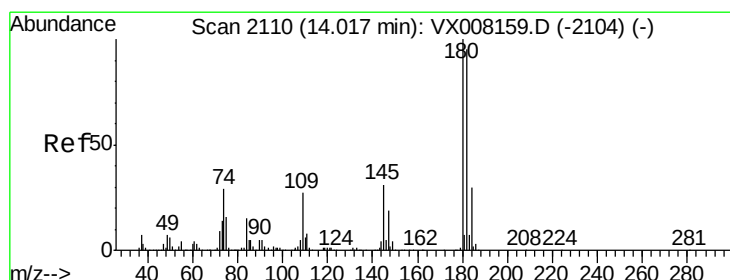
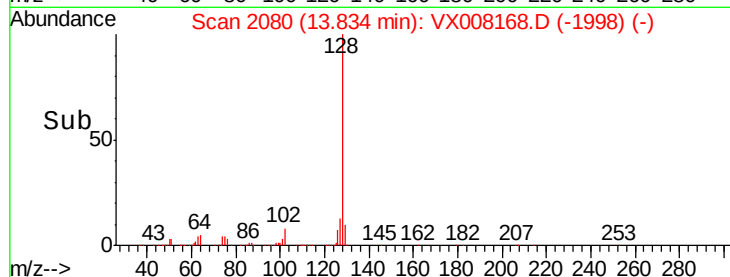
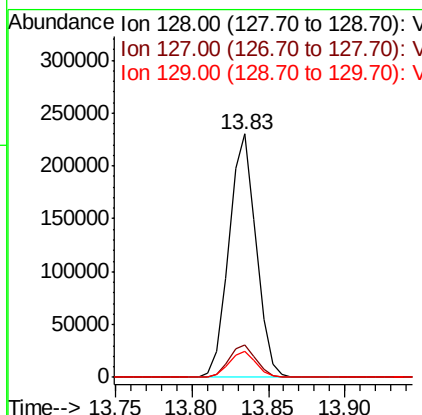
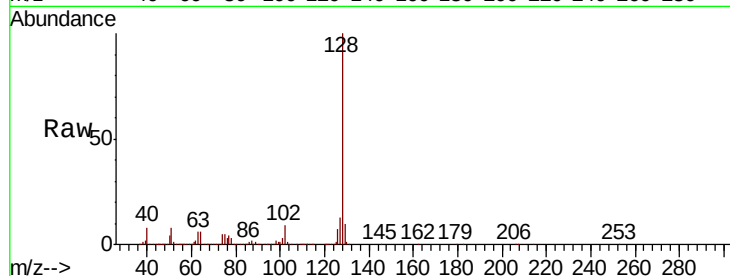
#91  
Naphthalene  
Concen: 20.249 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0318WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.4  | 10.5  | 15.7  |
| 129     | 10.7  | 8.9   | 13.3  |

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#92  
1,2,3-Trichlorobenzene  
Concen: 20.294 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. -0.00 min  
Lab File: VX008168.D  
Acq: 18 Mar 2019 16:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 0.0   | 193.0 |
| 145     | 31.4  | 0.0   | 63.0  |

