

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010819\  
 Data File : VX006948.D  
 Acq On : 08 Jan 2019 11:32  
 Operator : JC/MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

MMDadoda  
 1/9/2019 10:24:48 AM

Quant Time: Jan 08 13:21:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 13:13:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 664076   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 964887   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 850059   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 434019   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |      |       |  |
|---------------------------|--------|-----|----------|------|-------|--|
| 33) 1,2-Dichloroethane-d4 | 0.00   | 65  | 0d       | 0.00 | ug/l  |  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 0.00% |  |
| 35) Dibromofluoromethane  | 0.00   | 113 | 0d       | 0.00 | ug/l  |  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 0.00% |  |
| 50) Toluene-d8            | 0.00   | 98  | 0d       | 0.00 | ug/l  |  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 0.00% |  |
| 62) 4-Bromofluorobenzene  | 0.00   | 95  | 0d       | 0.00 | ug/l  |  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 0.00% |  |

## Target Compounds

|                               |      |     |       |       |        | Qvalue |
|-------------------------------|------|-----|-------|-------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 5037  | 0.829 | ug/l   | 94     |
| 3) Chloromethane              | 1.33 | 50  | 6854  | 1.047 | ug/l # | 74     |
| 4) Vinyl Chloride             | 1.41 | 62  | 7688  | 1.125 | ug/l   | 97     |
| 5) Bromomethane               | 1.65 | 94  | 8289  | 1.115 | ug/l   | 81     |
| 6) Chloroethane               | 1.73 | 64  | 5185  | 1.095 | ug/l   | 91     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 12451 | 1.168 | ug/l   | 91     |
| 8) Diethyl Ether              | 2.19 | 74  | 5221  | 1.233 | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 7882  | 1.260 | ug/l   | 92     |
| 12) 1,1-Dichloroethene        | 2.38 | 96  | 6774  | 1.142 | ug/l   | 88     |
| 14) Allyl chloride            | 2.73 | 41  | 11394 | 1.141 | ug/l   | 97     |
| 15) Acrylonitrile             | 3.15 | 53  | 21262 | 5.995 | ug/l   | 97     |
| 16) Acetone                   | 2.45 | 43  | 21420 | 6.514 | ug/l   | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 18624 | 1.186 | ug/l   | 97     |
| 18) Methyl Acetate            | 2.78 | 43  | 11870 | 1.228 | ug/l # | 80     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 22657 | 1.151 | ug/l   | 98     |
| 20) Methylene Chloride        | 2.86 | 84  | 9707  | 1.428 | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 8559  | 1.302 | ug/l   | 92     |
| 22) Diisopropyl ether         | 3.87 | 45  | 21578 | 1.181 | ug/l   | 92     |
| 23) Vinyl Acetate             | 3.82 | 43  | 90511 | 6.056 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 11874 | 1.089 | ug/l # | 85     |
| 25) 2-Butanone                | 4.69 | 43  | 27751 | 6.000 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 9340  | 1.109 | ug/l   | 91     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 8745  | 1.206 | ug/l   | 96     |
| 28) Bromochloromethane        | 5.02 | 49  | 5621m | 1.121 | ug/l   |        |
| 29) Tetrahydrofuran           | 5.15 | 42  | 18358 | 6.026 | ug/l   | 95     |
| 30) Chloroform                | 5.21 | 83  | 12699 | 1.124 | ug/l   | 89     |
| 31) Cyclohexane               | 5.58 | 56  | 10894 | 1.099 | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 10040 | 1.053 | ug/l # | 48     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 9265  | 1.159 | ug/l # | 90     |
| 37) Ethyl Acetate             | 4.85 | 43  | 9312  | 1.120 | ug/l # | 87     |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 9116  | 1.174 | ug/l   | 85     |
| 39) Methylcyclohexane         | 7.46 | 83  | 12607 | 1.198 | ug/l   | 94     |
| 40) Benzene                   | 6.15 | 78  | 28666 | 1.180 | ug/l   | 95     |
| 41) Methacrylonitrile         | 5.06 | 41  | 6523  | 1.477 | ug/l # | 95     |

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 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC001

Manual Integrations  
 APPROVED

MMDadoda  
 1/9/2019 10:24:48 AM

Quant Time: Jan 08 13:21:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 13:13:55 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 10597    | 1.280  | ug/l   | 92       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 14942    | 1.181  | ug/l   | 96       |
| 44) Trichloroethene            | 7.21  | 130  | 9402     | 1.279  | ug/l   | 66       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 6741     | 1.140  | ug/l   | 97       |
| 46) Dibromomethane             | 7.66  | 93   | 5057     | 1.163  | ug/l   | 96       |
| 47) Bromodichloromethane       | 7.90  | 83   | 7786     | 1.079  | ug/l # | 83       |
| 48) Methyl methacrylate        | 7.77  | 41   | 8281     | 1.287  | ug/l   | 89       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 5155     | 28.309 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 48672    | 6.044  | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 18482    | 1.178  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 8439     | 1.090  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 9222     | 1.086  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 7022     | 1.093  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 9905     | 1.091  | ug/l   | 92       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 11947    | 1.156  | ug/l   | 92       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 24258    | 5.026  | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.49  | 43   | 35693    | 5.793  | ug/l   | 96       |
| 60) Dibromochloromethane       | 9.59  | 129  | 5600     | 0.946  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 7810     | 1.144  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 8896     | 1.322  | ug/l   | 94       |
| 65) Chlorobenzene              | 10.13 | 112  | 20831    | 1.158  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 5659     | 1.009  | ug/l # | 64       |
| 67) Ethyl Benzene              | 10.25 | 91   | 34802    | 1.184  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 26929    | 2.322  | ug/l   | 95       |
| 69) o-Xylene                   | 10.70 | 106  | 13324    | 1.164  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 19578    | 1.081  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 3870     | 0.906  | ug/l # | 96       |
| 73) Isopropylbenzene           | 11.02 | 105  | 33634    | 1.133  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 12265    | 1.154  | ug/l # | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 10327    | 1.169  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 9382m    | 1.163  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 9743     | 1.214  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 35832    | 1.096  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 23846    | 1.203  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 28729    | 1.175  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 1864     | 0.828  | ug/l # | 57       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 25576    | 1.125  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 27720    | 1.132  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 27351    | 1.063  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 33900    | 1.130  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 29622    | 1.123  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 18673    | 1.291  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 20206m   | 1.362  | ug/l   |          |
| 89) n-Butylbenzene             | 12.39 | 91   | 24713    | 1.101  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.60 | 117  | 3103     | 0.863  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 17456    | 1.206  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 1880     | 1.029  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 11590    | 1.161  | ug/l   | 95       |
| 94) Hexachlorobutadiene        | 13.79 | 225  | 5316     | 1.130  | ug/l   | 95       |
| 95) Naphthalene                | 13.83 | 128  | 34682    | 1.089  | ug/l   | 95       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010819\  
Data File : VX006948.D  
Acq On : 08 Jan 2019 11:32  
Operator : JC/MD  
Sample : VSTDICC001  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Manual Integrations  
APPROVED

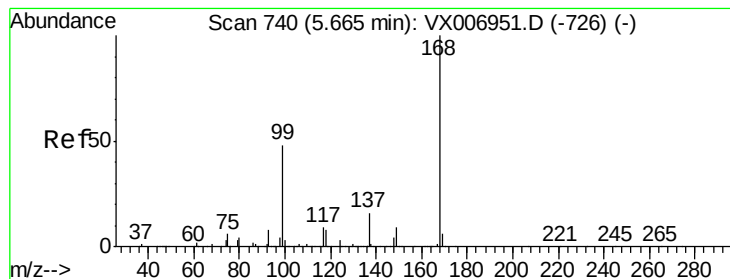
MMDadoda  
1/9/2019 10:24:48 AM

Quant Time: Jan 08 13:21:57 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 08 13:13:55 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 11759    | 1.141 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC001

Tot Ion:168 Resp: 664076

Ion Ratio Lower Upper

168 100

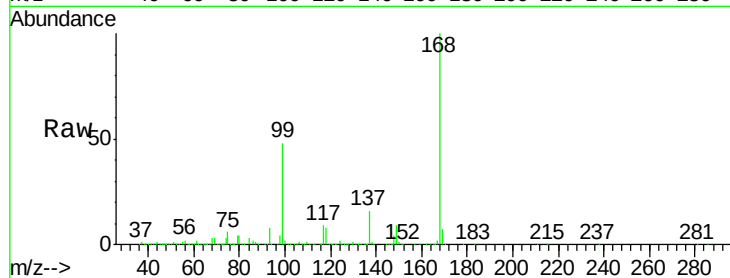
99 48.4 41.8 62.8

Manual Integrations

APPROVED

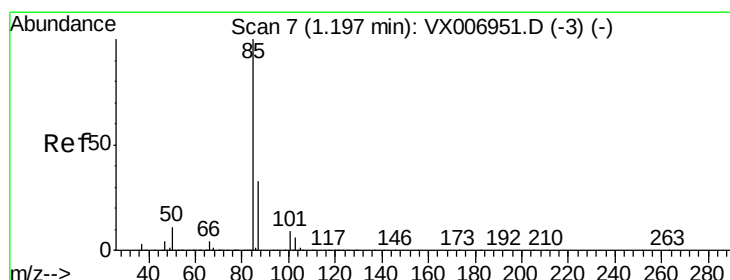
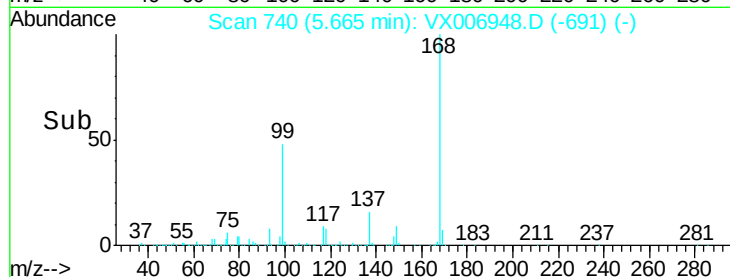
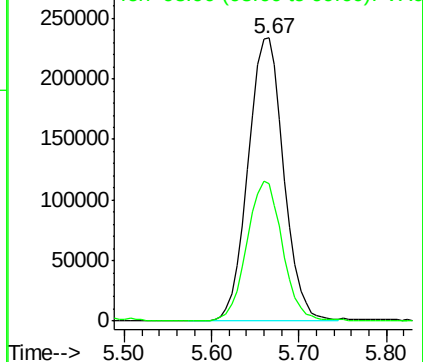
MMDadoda

1/9/2019 10:24:48 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.829 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006948.D

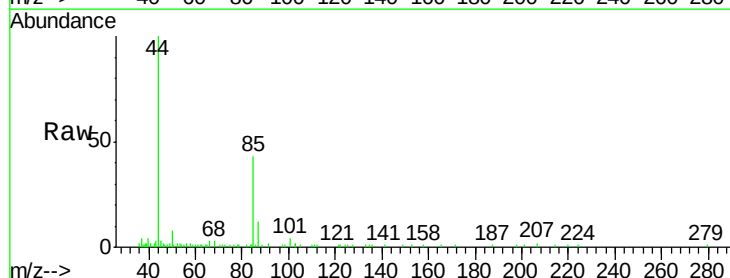
Acq: 08 Jan 2019 11:32

Tgt Ion: 85 Resp: 5037

Ion Ratio Lower Upper

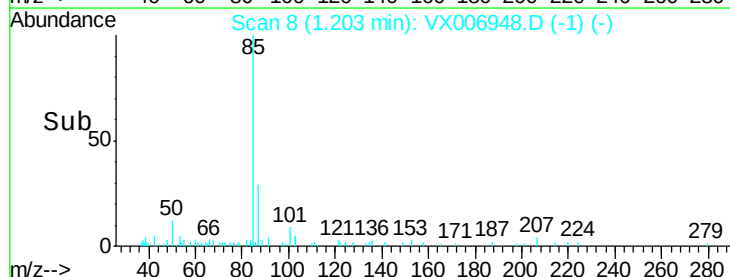
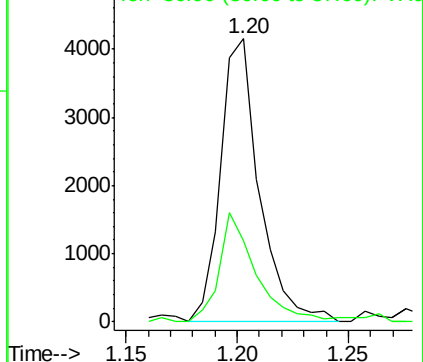
85 100

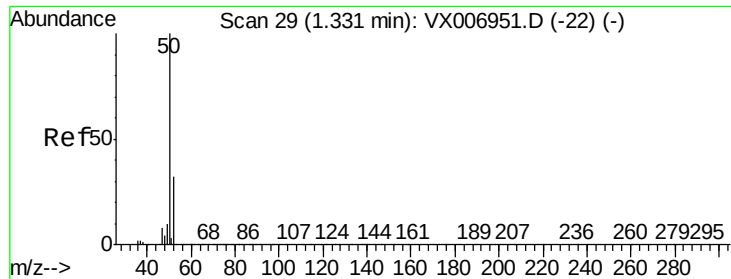
87 28.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.047 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 6854

Ion Ratio Lower Upper

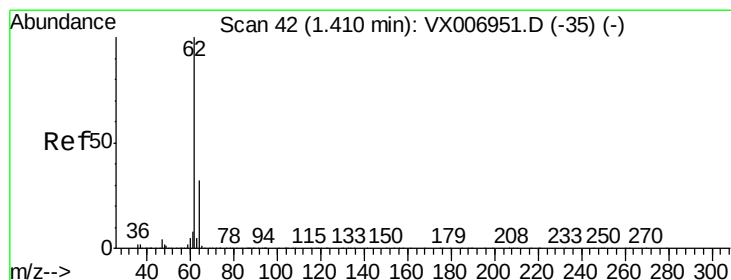
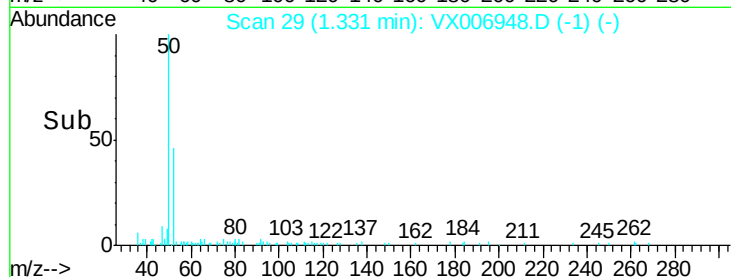
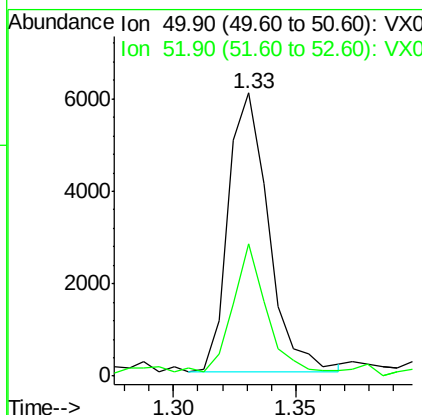
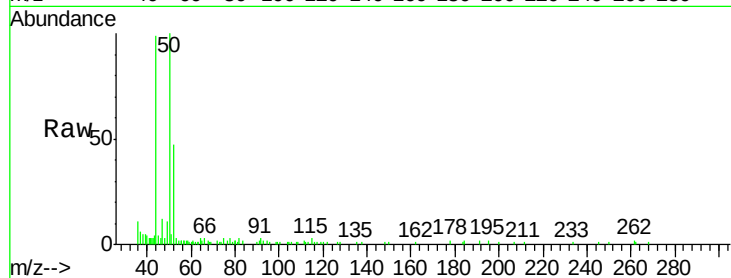
50 100

52 46.4 25.4 38.2#

Manual Integrations  
APPROVED

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1/9/2019 10:24:48 AM



#4

Vinyl Chloride

Concen: 1.125 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006948.D

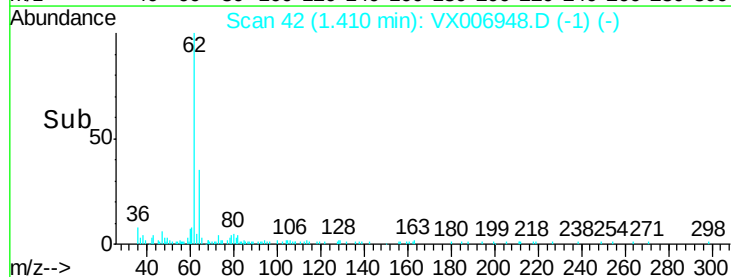
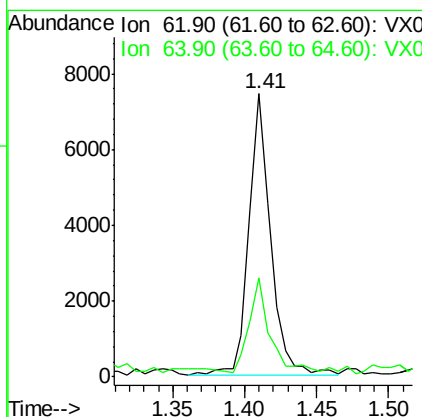
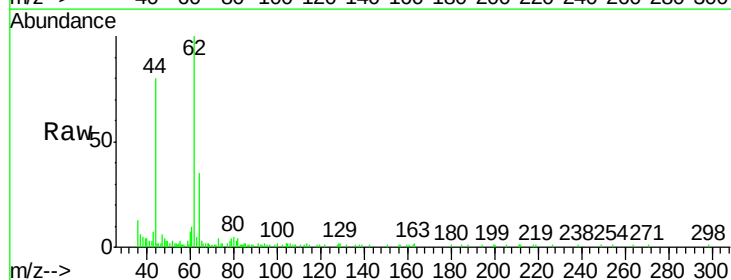
Acq: 08 Jan 2019 11:32

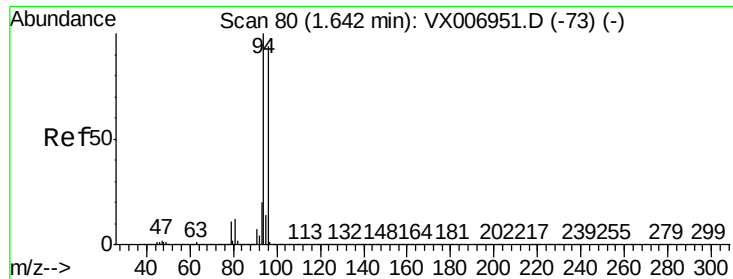
Tgt Ion: 62 Resp: 7688

Ion Ratio Lower Upper

62 100

64 33.3 25.1 37.7





#5

Bromomethane

Concen: 1.115 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC001

Tot Ion: 94 Resp: 8289

Ion Ratio Lower Upper

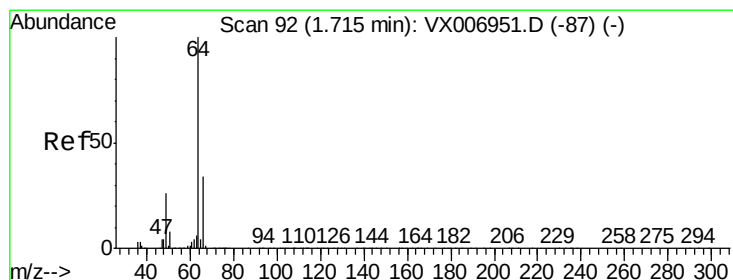
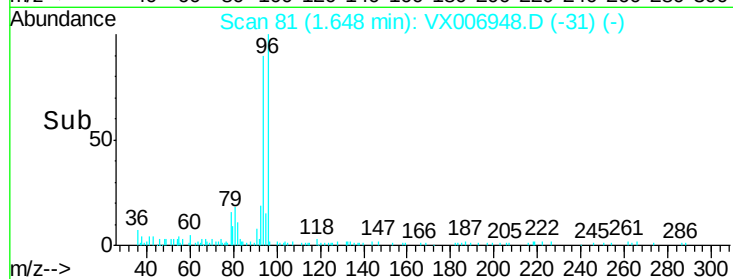
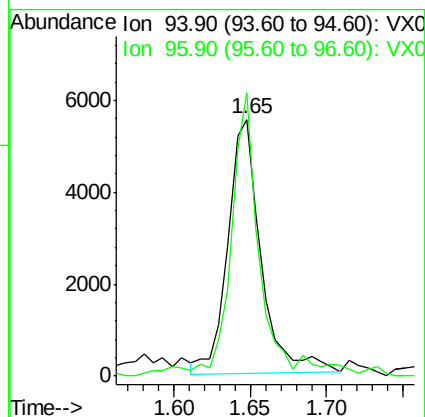
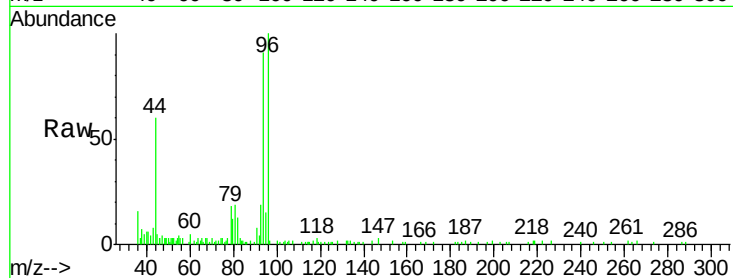
94 100

96 110.0 73.4 110.2

Manual Integrations  
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1/9/2019 10:24:48 AM



#6

Chloroethane

Concen: 1.095 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX006948.D

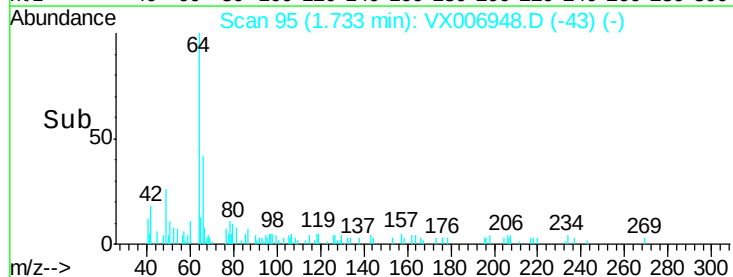
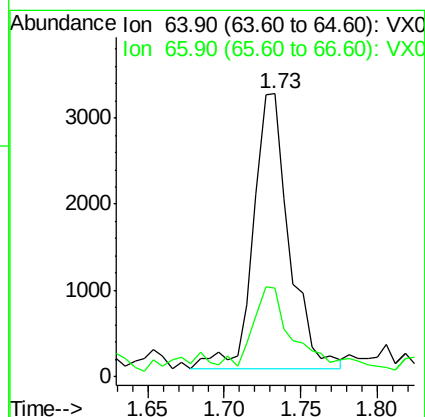
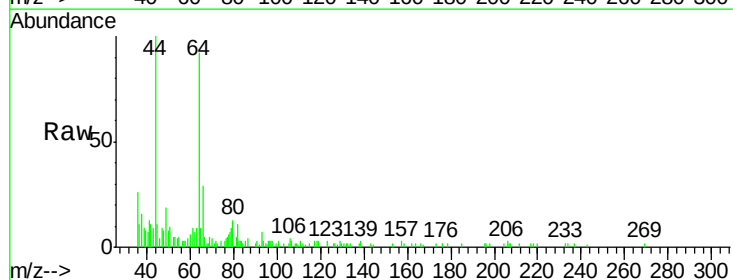
Acq: 08 Jan 2019 11:32

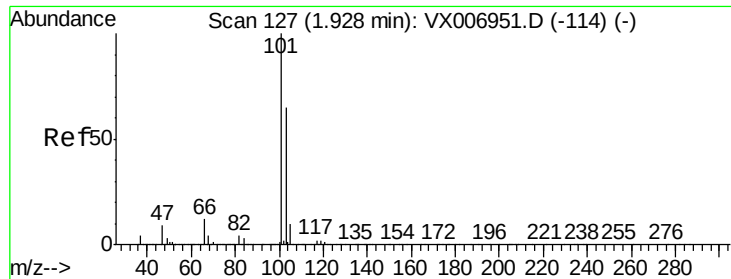
Tgt Ion: 64 Resp: 5185

Ion Ratio Lower Upper

64 100

66 27.9 26.4 39.6





#7

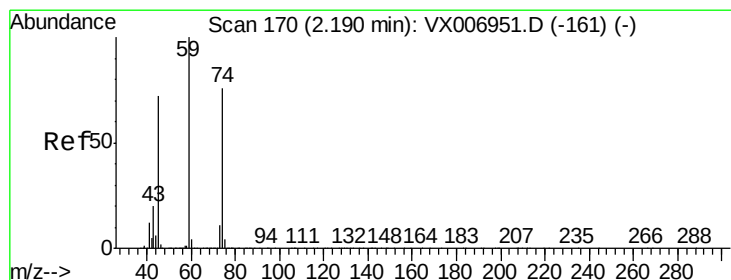
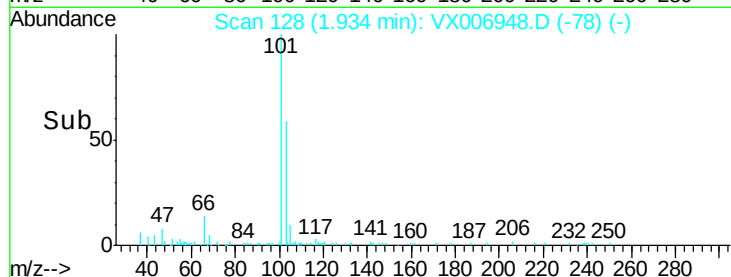
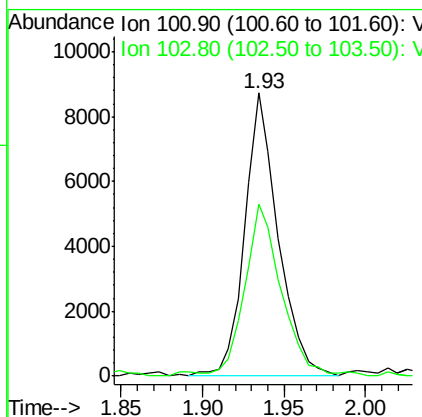
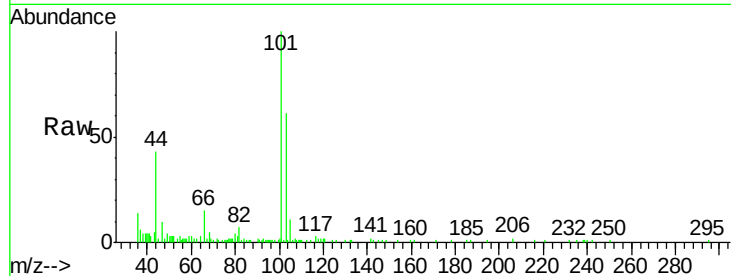
Trichlorofluoromethane  
Concen: 1.168 ug/l  
RT: 1.93 min Scan# 128  
Delta R.T. 0.01 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 59.6  | 53.2  | 79.8  |

Manual Integrations  
APPROVED

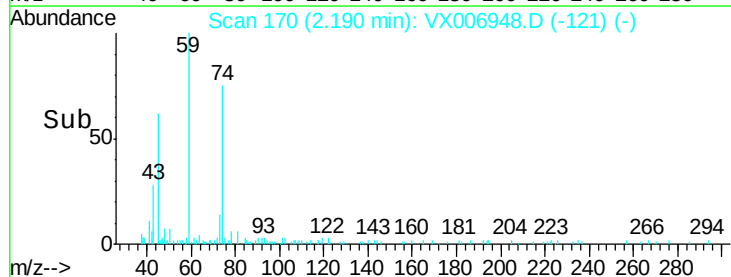
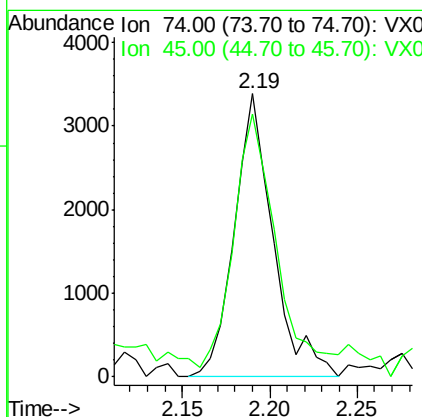
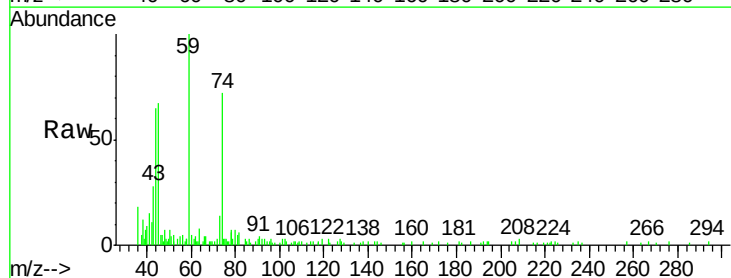
MMDadoda  
1/9/2019 10:24:48 AM



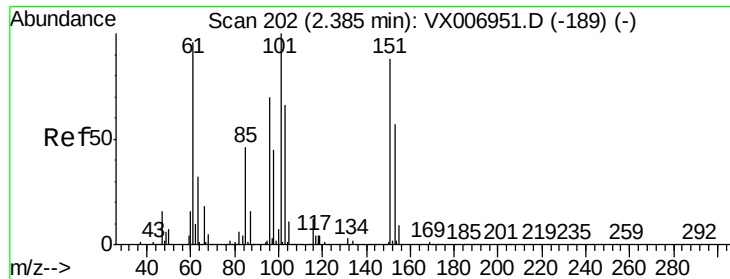
#8

Diethyl Ether  
Concen: 1.233 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.6  | 46.3  | 138.9 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.260 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

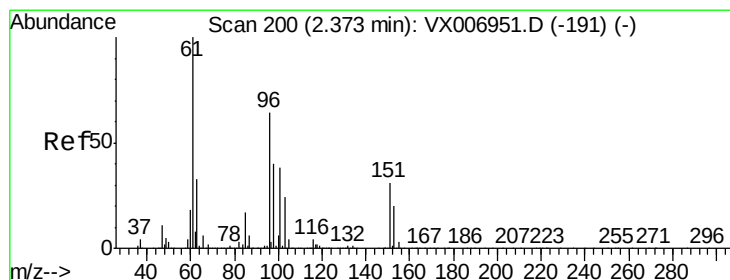
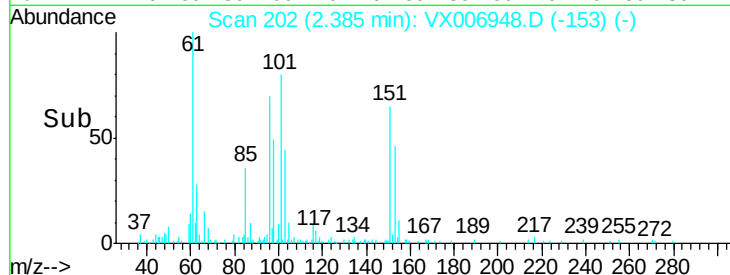
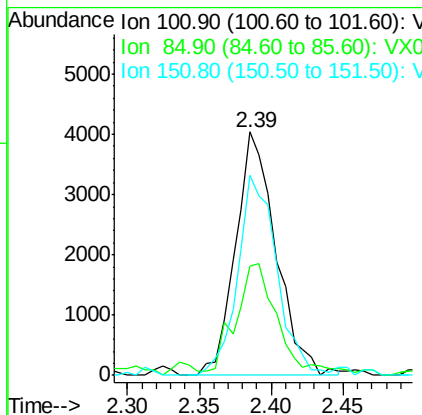
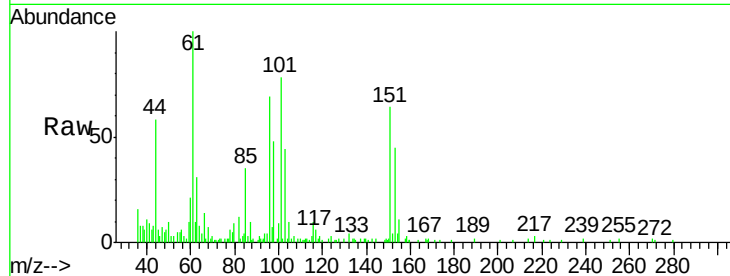
ClientSampled :

VSTDIC001

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 7882  |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 49.2  | 35.1  | 52.7  |
| 151       | 79.3  | 68.9  | 103.3 |

Manual Integrations  
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MMDadoda  
1/9/2019 10:24:48 AM



#12

1,1-Dichloroethene

Concen: 1.142 ug/l

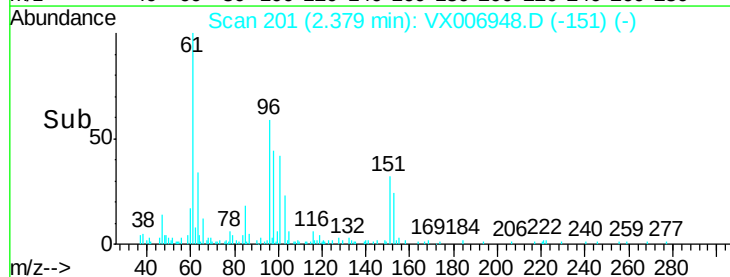
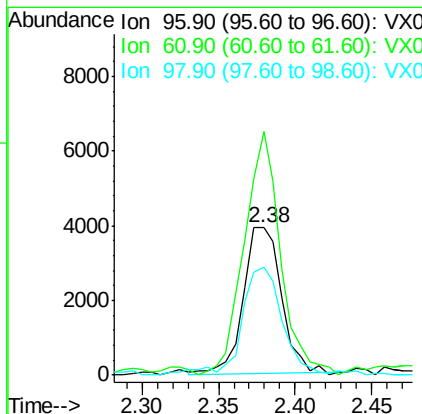
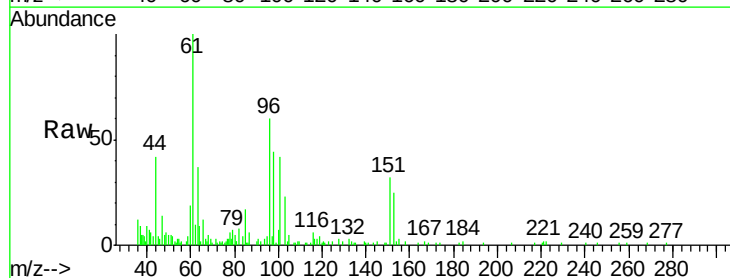
RT: 2.38 min Scan# 201

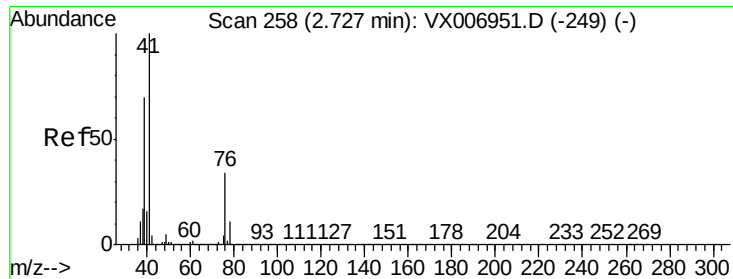
Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 6774  |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 168.8 | 121.4 | 182.2 |
| 98        | 71.4  | 51.9  | 77.9  |





#14

Allvl chloride

Concen: 1.141 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

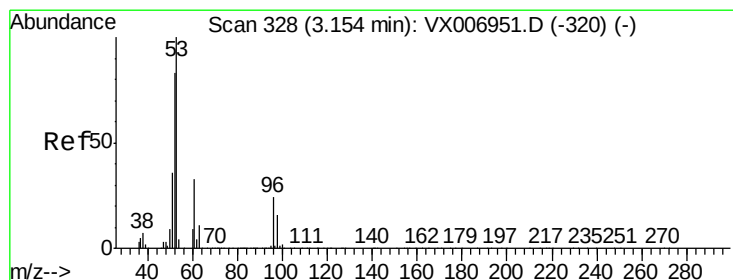
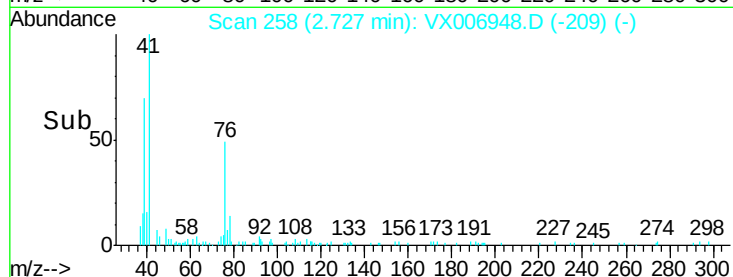
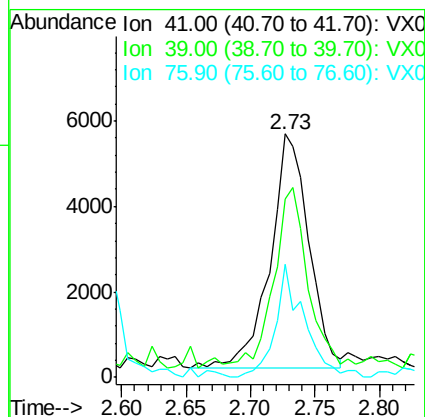
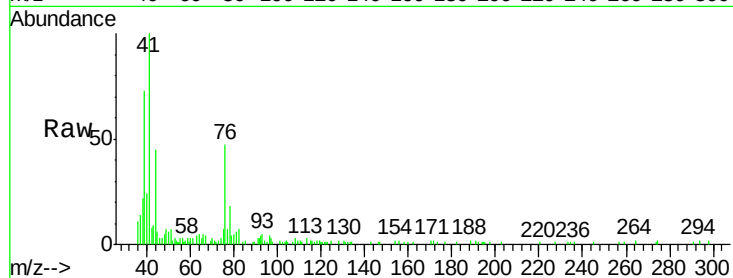
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 11394 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 64.8  | 53.6  | 80.4  |
| 76       | 36.6  | 27.4  | 41.2  |

Manual Integrations  
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#15

Acrylonitrile

Concen: 5.995 ug/l

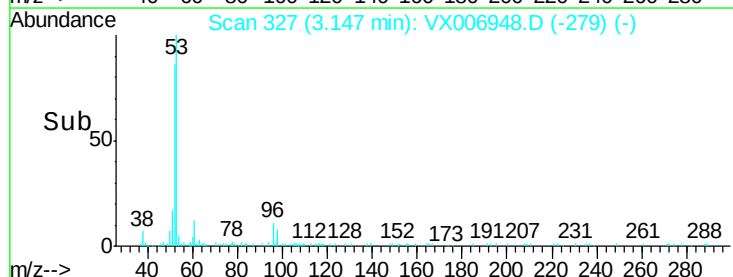
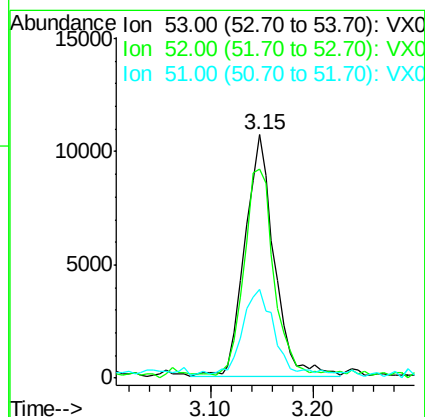
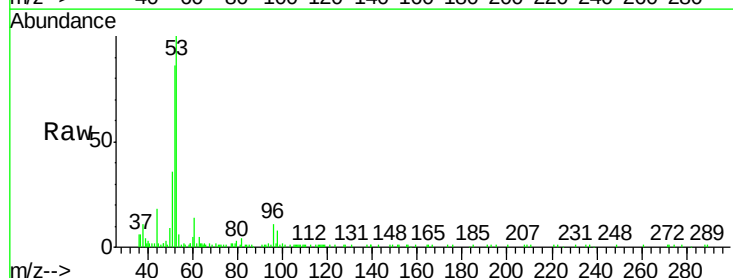
RT: 3.15 min Scan# 327

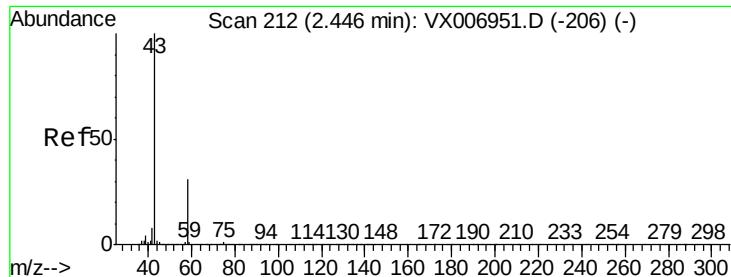
Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 21262 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 86.0  | 66.0  | 99.0  |
| 51       | 36.9  | 28.6  | 42.8  |





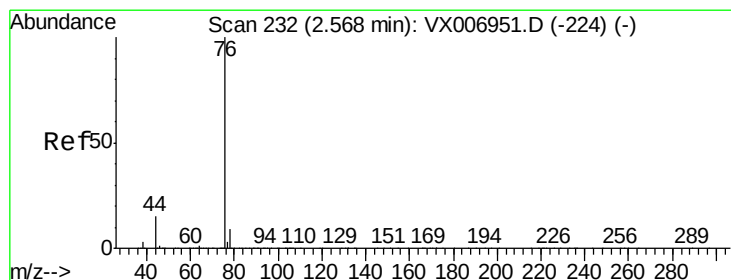
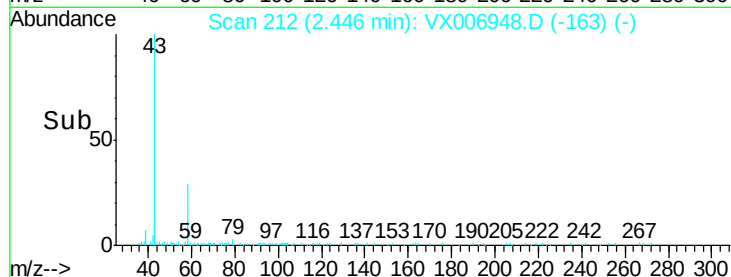
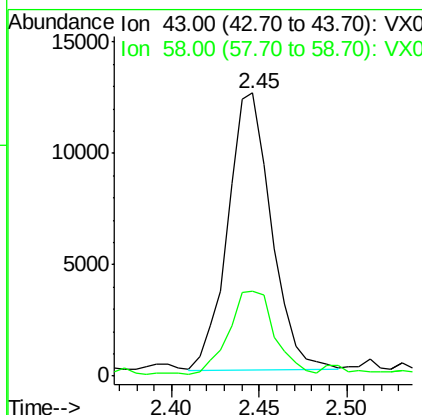
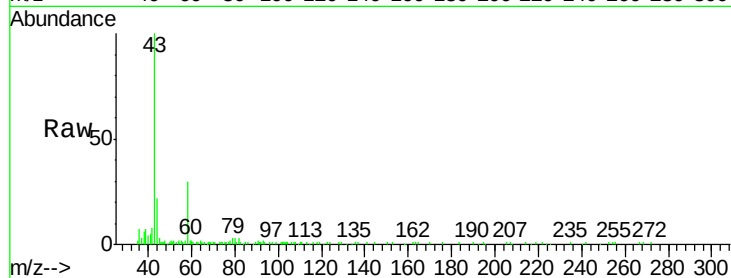
#16  
Acetone  
Concen: 6.514 ug/l  
RT: 2.45 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 30.2  | 25.0  | 37.6  |

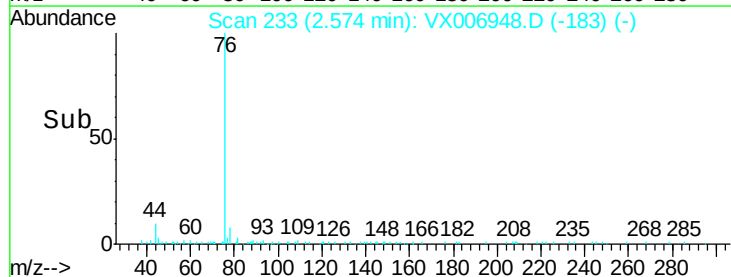
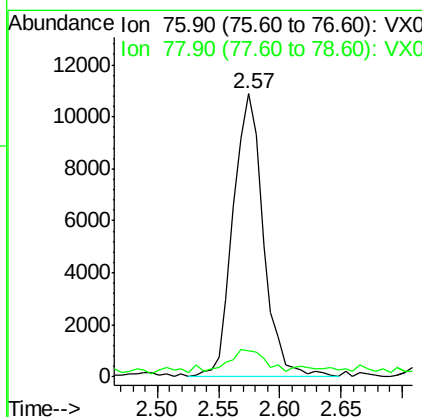
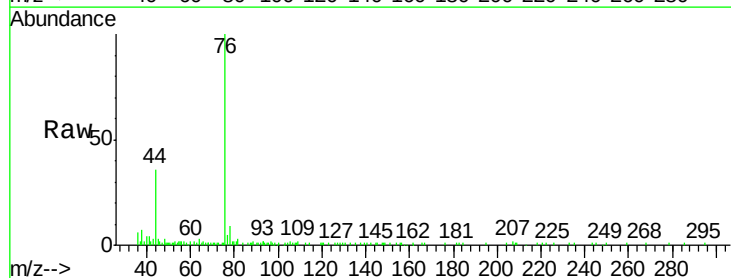
Manual Integrations  
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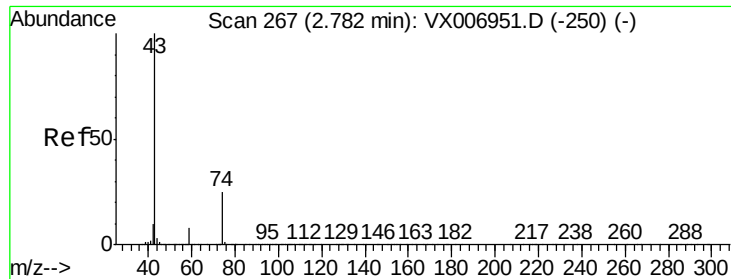
MMDadoda  
1/9/2019 10:24:48 AM



#17  
Carbon Disulfide  
Concen: 1.186 ug/l  
RT: 2.57 min Scan# 233  
Delta R.T. 0.01 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 7.7   | 7.0   | 10.6  |





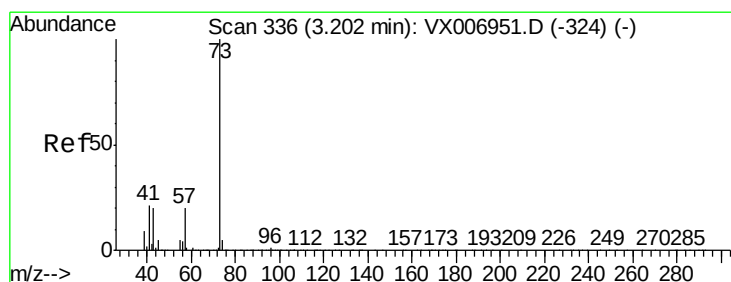
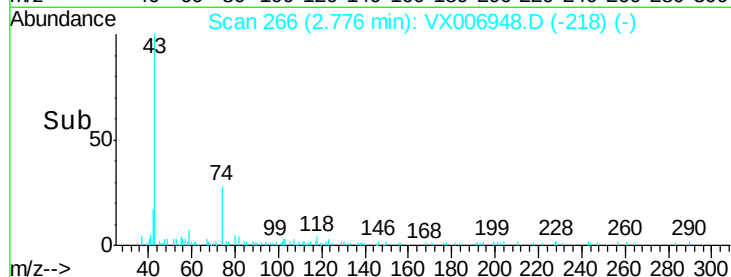
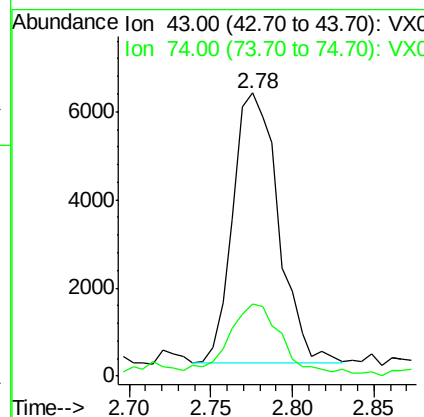
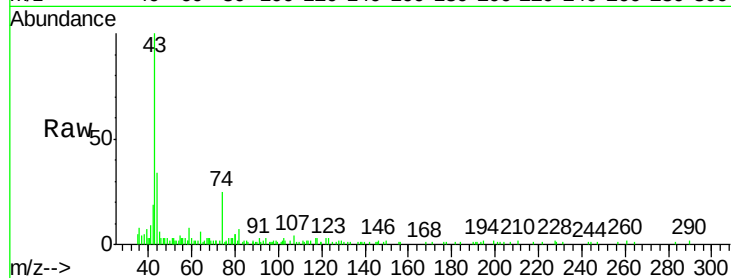
#18  
Methyl Acetate  
Concen: 1.228 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

| Tot Ion   | 43   | Resp  | 11870 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 74        | 32.9 | 18.6  | 28.0# |

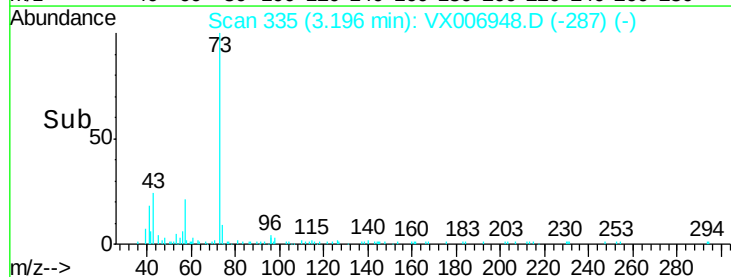
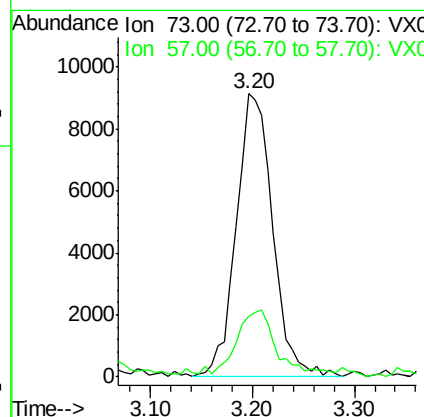
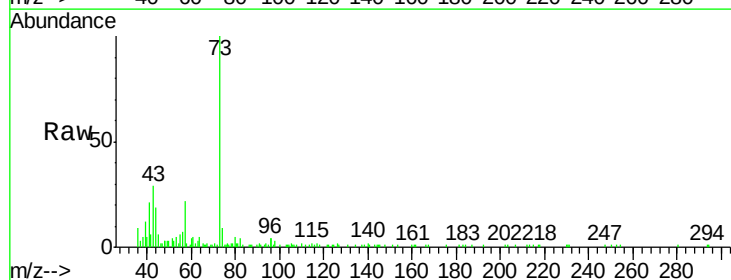
Manual Integrations  
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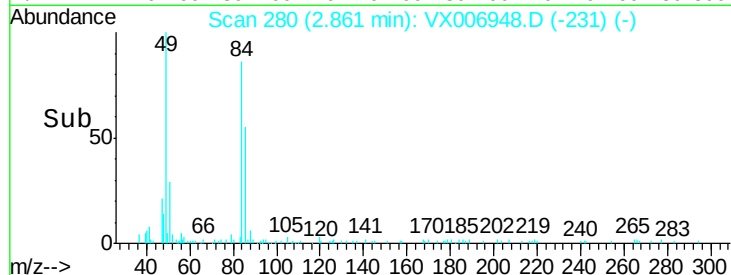
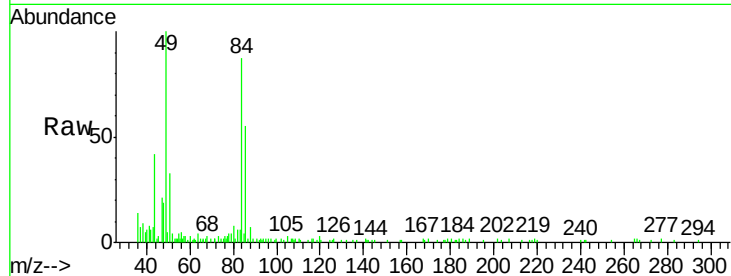
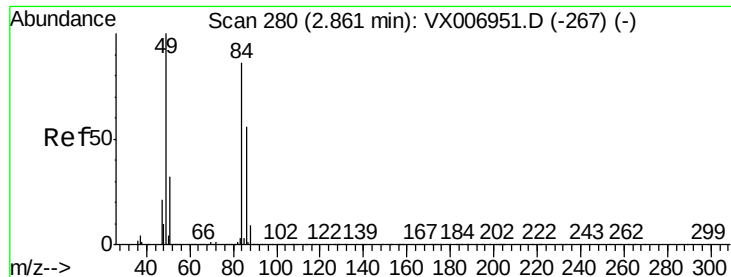
MMDadoda  
1/9/2019 10:24:48 AM



#19  
Methyl tert-butyl Ether  
Concen: 1.151 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. -0.01 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

| Tgt Ion   | 73   | Resp  | 22657 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 20.2 | 16.8  | 25.2  |





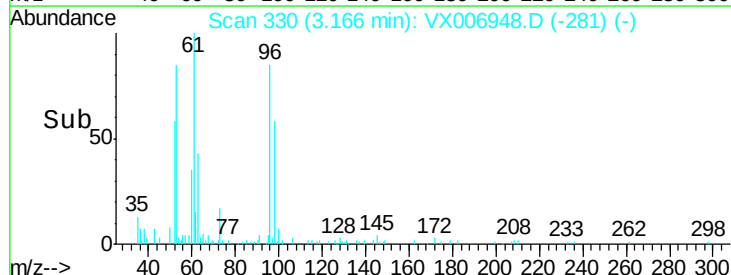
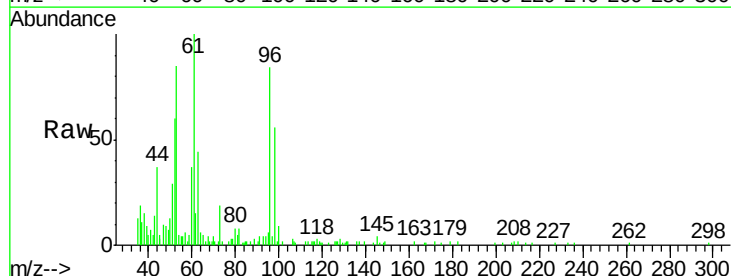
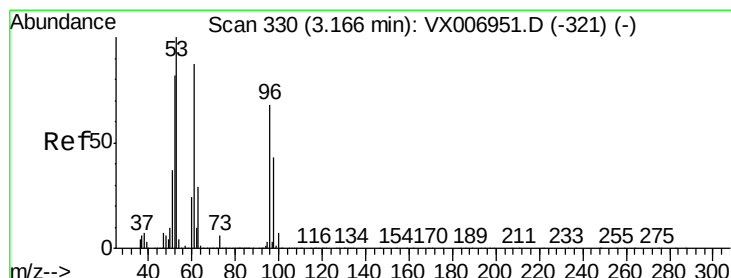
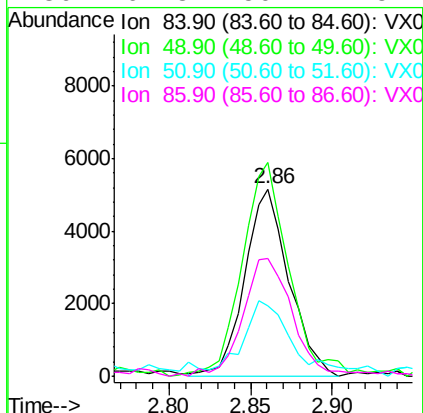
#20  
Methylene Chloride  
Concen: 1.428 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 9707  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 112.3 | 91.8  | 137.6 |
| 51       | 32.7  | 28.5  | 42.7  |
| 86       | 62.8  | 50.2  | 75.2  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

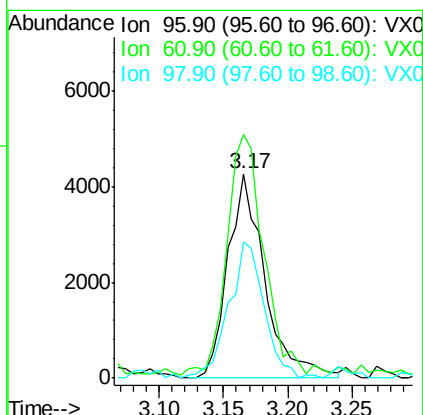
Manual Integrations  
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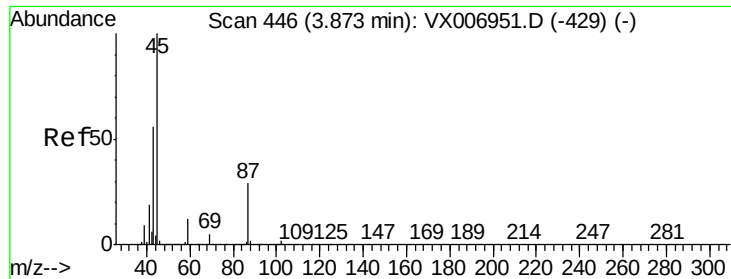
MMDadoda  
1/9/2019 10:24:48 AM



#21  
trans-1,2-Dichloroethene  
Concen: 1.302 ug/l  
RT: 3.17 min Scan# 330  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 8559  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 117.5 | 103.7 | 155.5 |
| 98       | 67.0  | 51.0  | 76.6  |





#22

Diisopropyl ether

Concen: 1.181 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

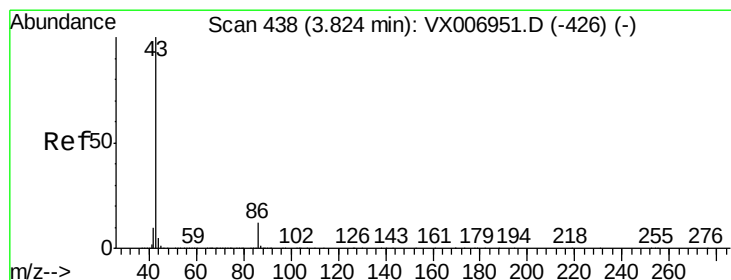
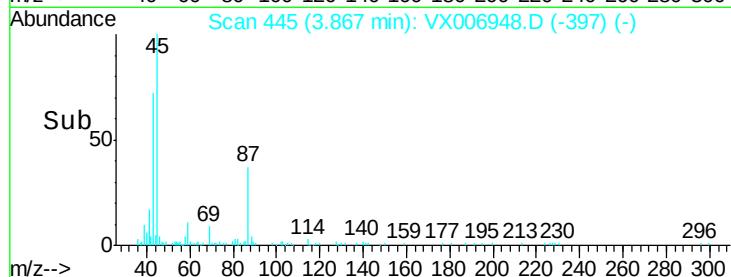
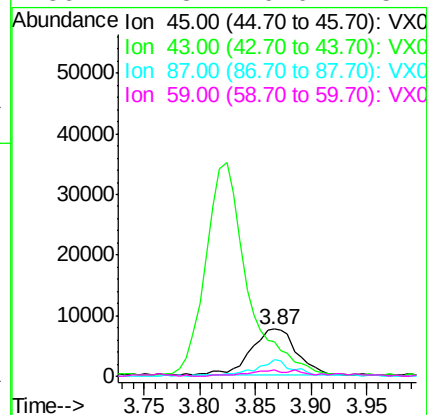
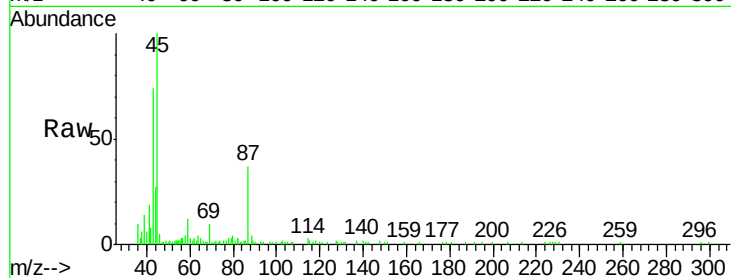
ClientSampleId :

VSTDIC001

| Tot Ion   | 45    | Resp  | 21578 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 43        | 70.2  | 51.2  | 76.8  |
| 87        | 37.9  | 25.8  | 38.6  |
| 59        | 11.8  | 9.0   | 13.4  |

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MMDadoda  
1/9/2019 10:24:48 AM



#23

Vinyl Acetate

Concen: 6.056 ug/l

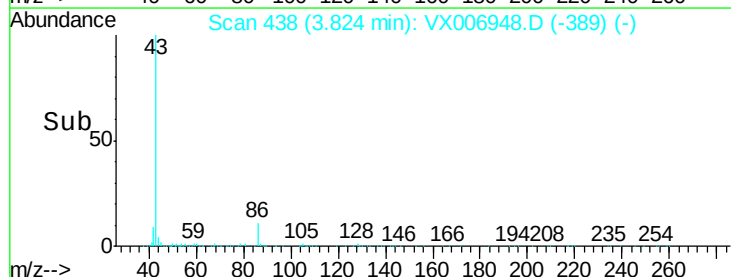
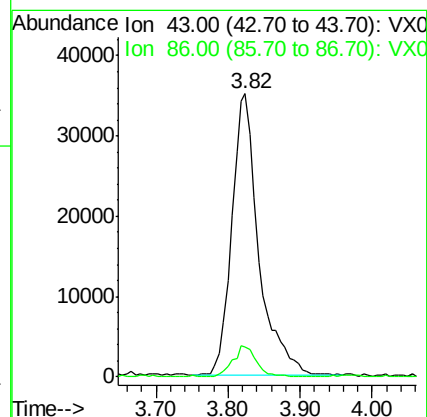
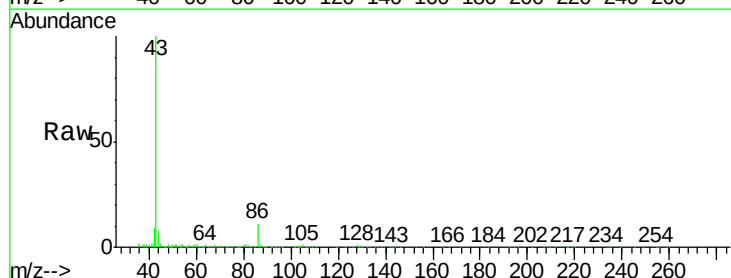
RT: 3.82 min Scan# 438

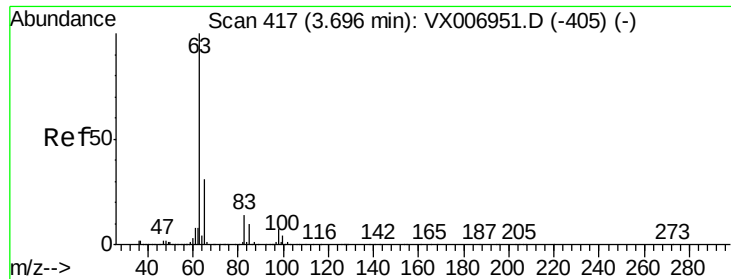
Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

| Tgt Ion   | 43    | Resp  | 90511 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 86        | 10.2  | 9.2   | 13.8  |





#24

1,1-Dichloroethane

Concen: 1.089 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

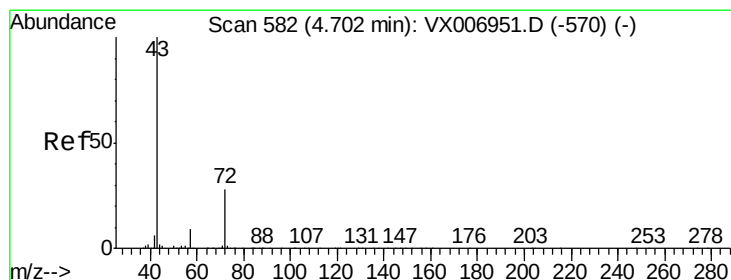
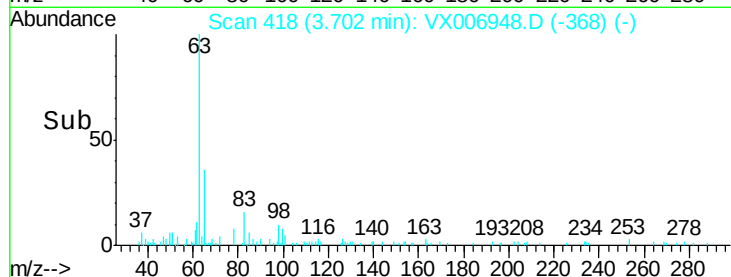
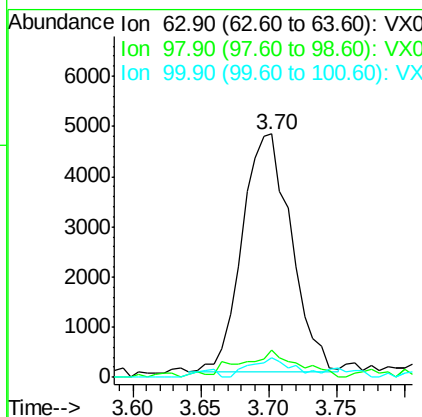
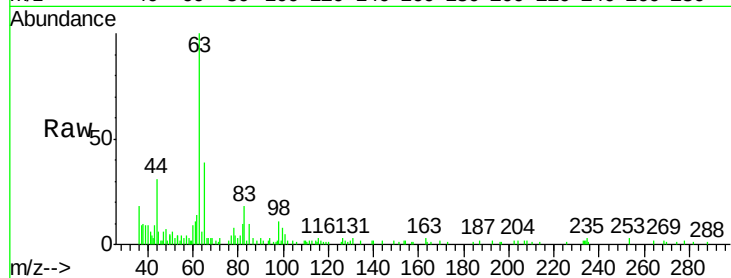
ClientSampleId :

VSTDIC001

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 63    | Resp: | 11874 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 11.5  | 3.9   | 11.5  |
| 100       | 12.1  | 2.4   | 7.2#  |

Manual Integrations  
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1/9/2019 10:24:48 AM



#25

2-Butanone

Concen: 6.000 ug/l

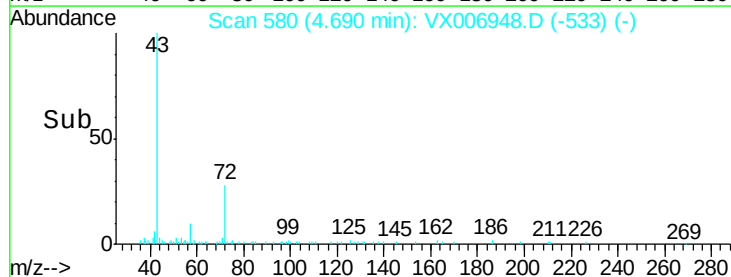
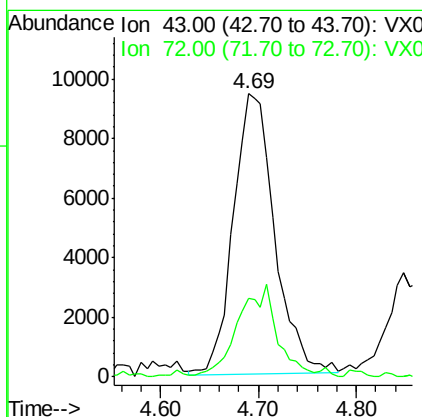
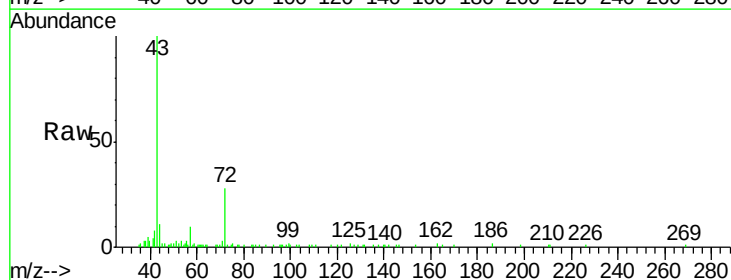
RT: 4.69 min Scan# 580

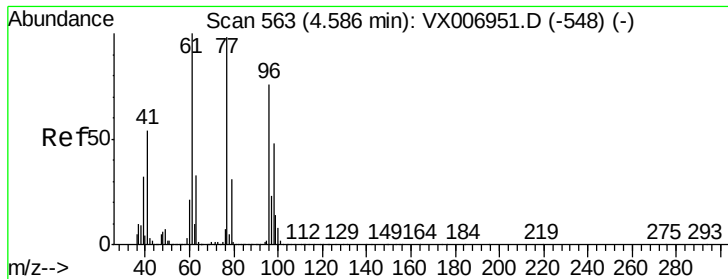
Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 27751 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 72        | 28.2  | 22.4  | 33.6  |





#26

2,2-Dichloropropane

Concen: 1.109 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC001

Tot Ion: 77 Resp: 9340

Ion Ratio Lower Upper

77 100

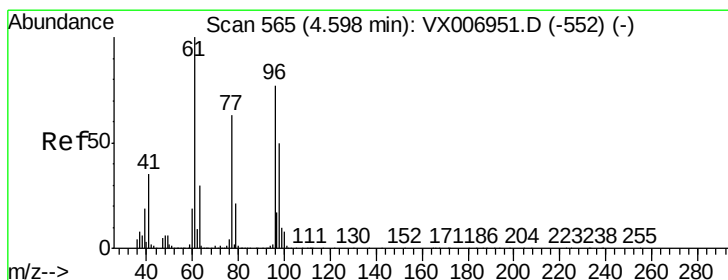
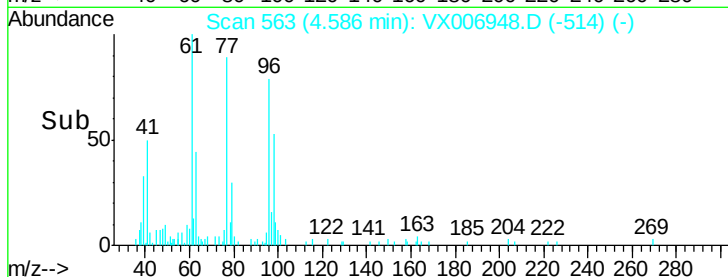
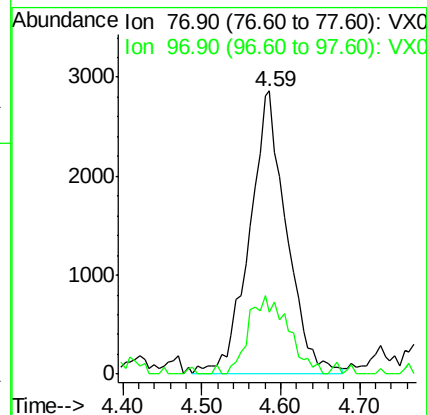
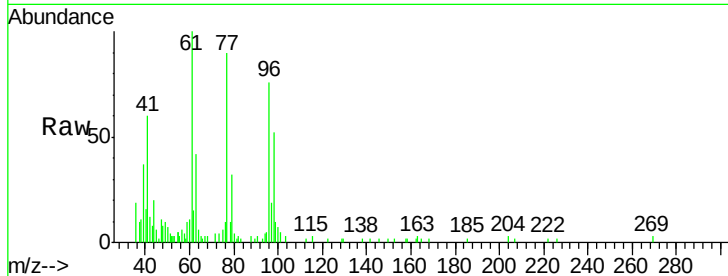
97 29.4 12.4 37.4

Manual Integrations

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1/9/2019 10:24:48 AM



#27

cis-1,2-Dichloroethene

Concen: 1.206 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

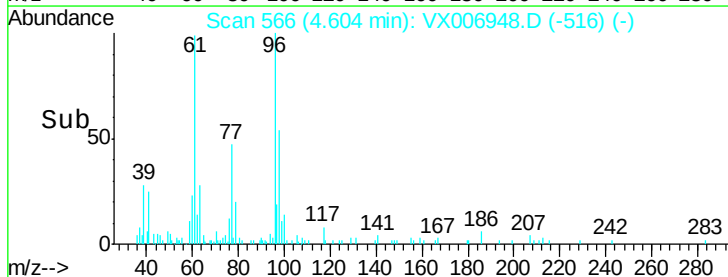
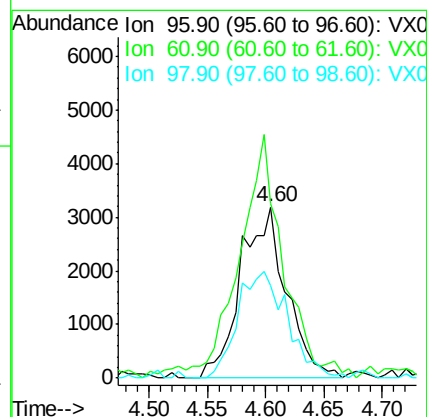
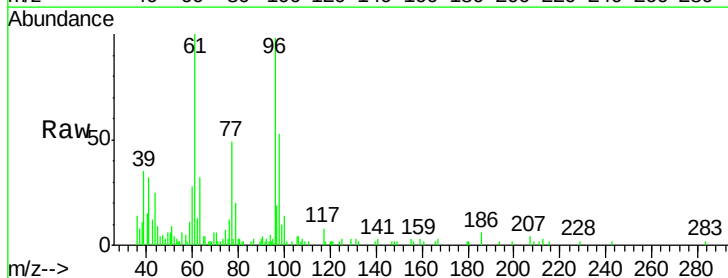
Tgt Ion: 96 Resp: 8745

Ion Ratio Lower Upper

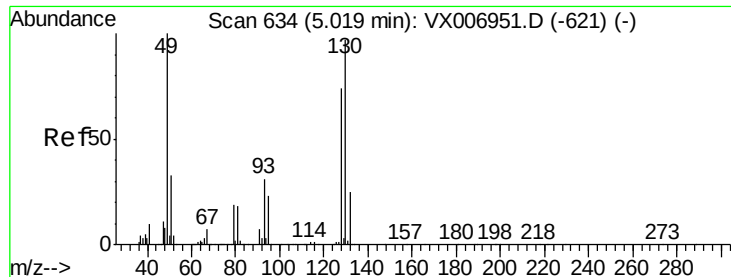
96 100

61 135.7 0.0 258.6

98 67.8 0.0 132.0







#28

Bromochloromethane

Concen: 1.121 ug/l m

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

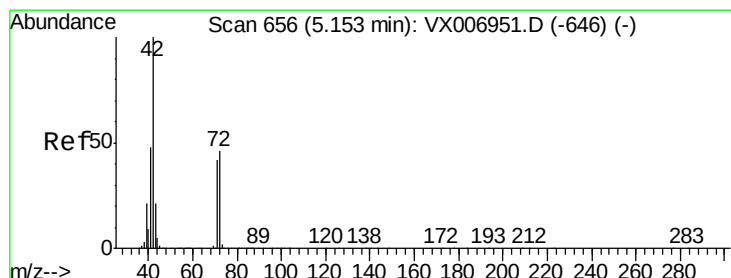
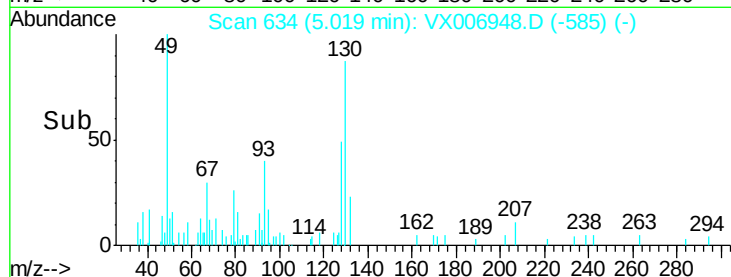
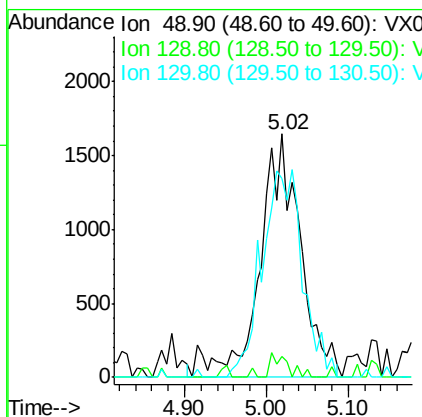
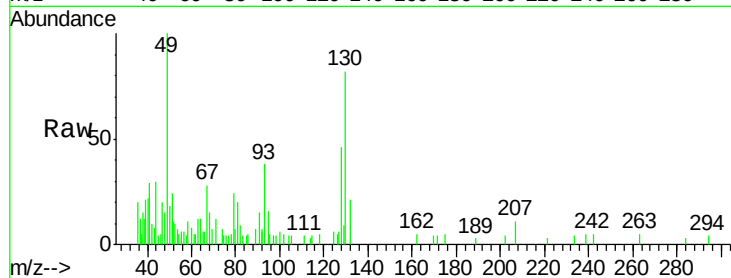
ClientSampleId :

VSTDIC001

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 49    | Resp: | 5621   |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 4.1   | 0.0   | 5.4    |
| 130      | 0.0   | 77.7  | 116.5# |

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#29

Tetrahydrofuran

Concen: 6.026 ug/l

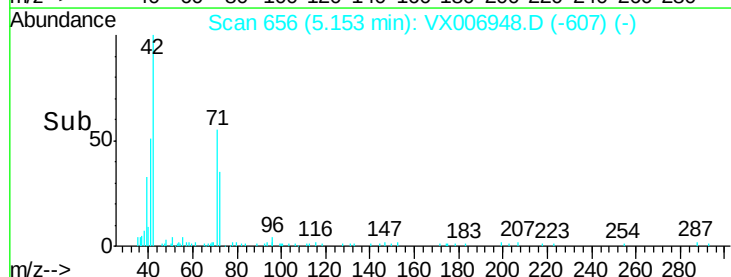
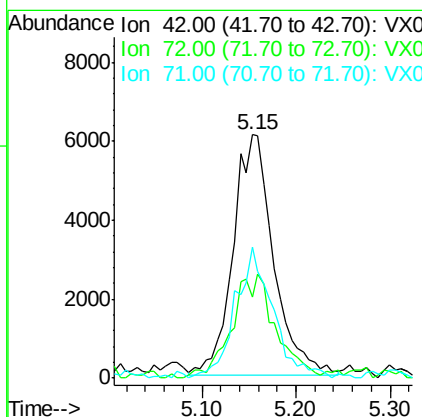
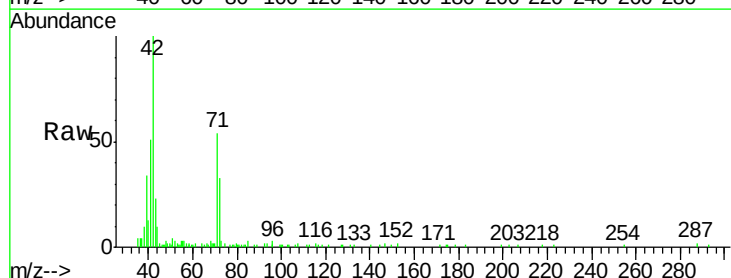
RT: 5.15 min Scan# 656

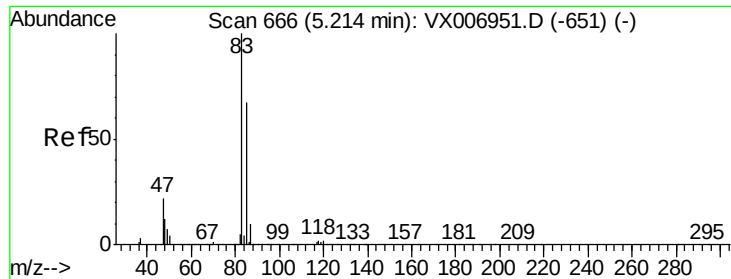
Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 18358 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 46.6  | 38.9  | 58.3  |
| 71       | 50.5  | 36.2  | 54.4  |





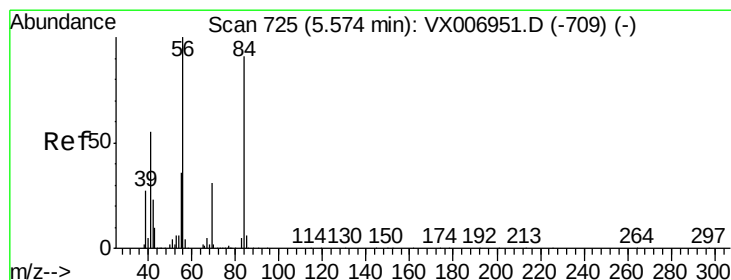
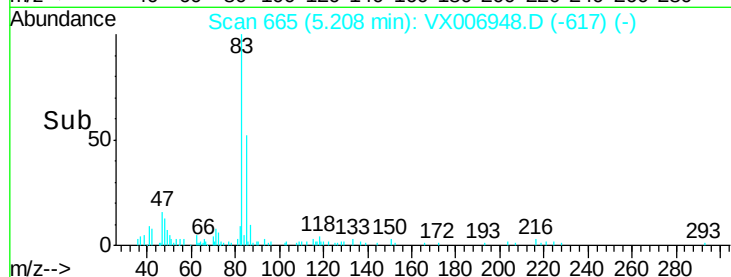
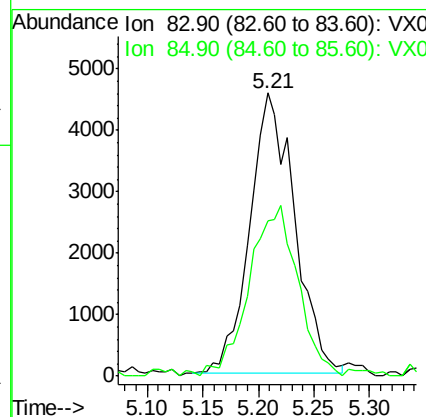
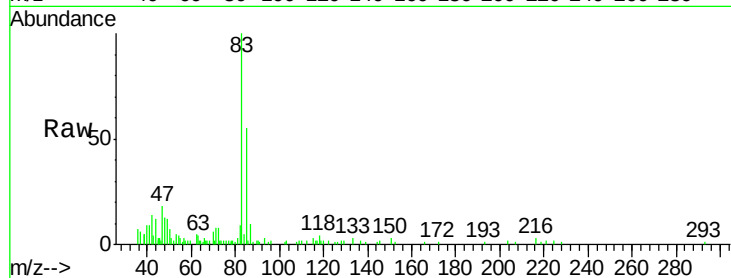
#30  
Chloroform  
Concen: 1.124 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 55.6  | 51.2  | 76.8  |

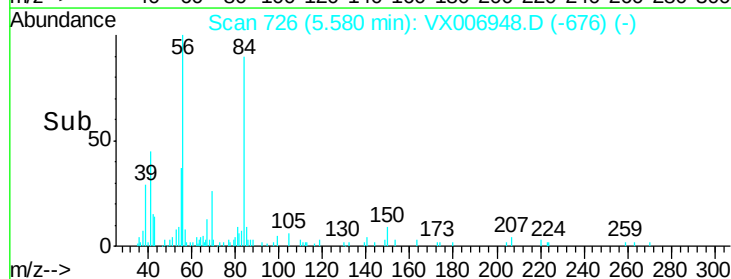
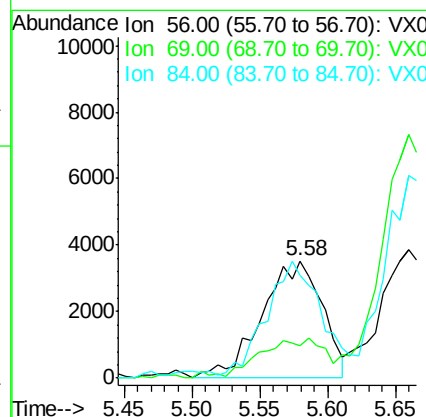
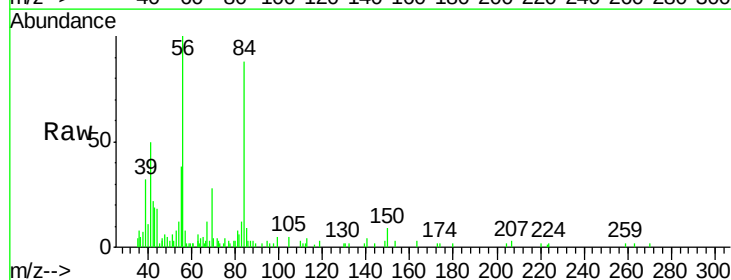
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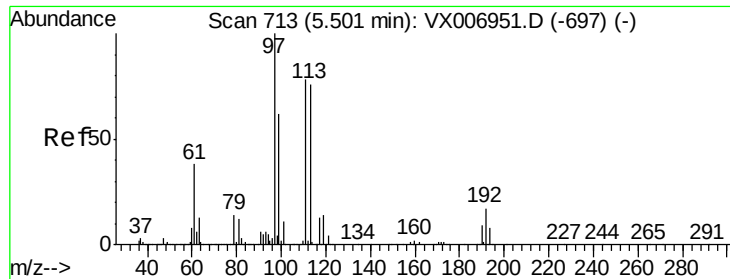
MMDadoda  
1/9/2019 10:24:48 AM



#31  
Cyclohexane  
Concen: 1.099 ug/l  
RT: 5.58 min Scan# 726  
Delta R.T. 0.01 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 27.8  | 24.4  | 36.6  |
| 84      | 82.0  | 70.0  | 105.0 |





#32

1,1,1-Trichloroethane

Concen: 1.053 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

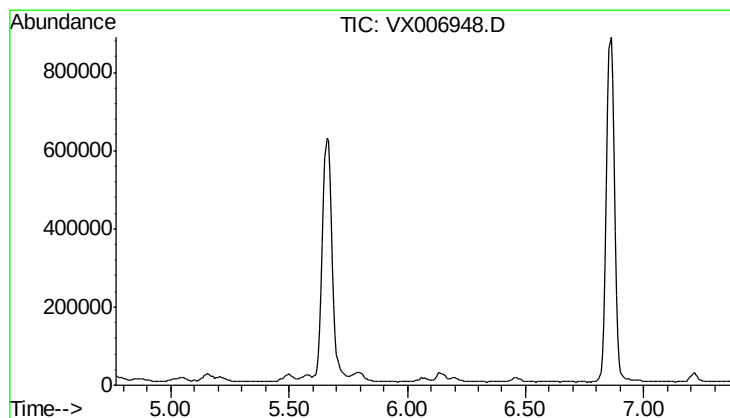
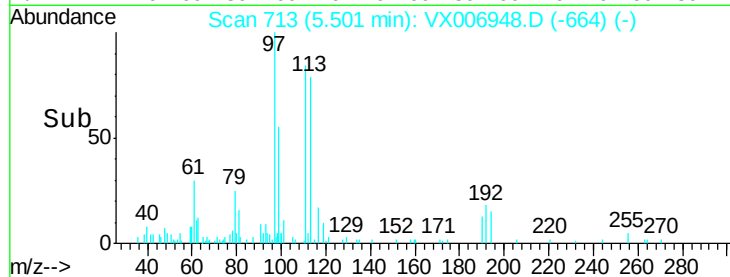
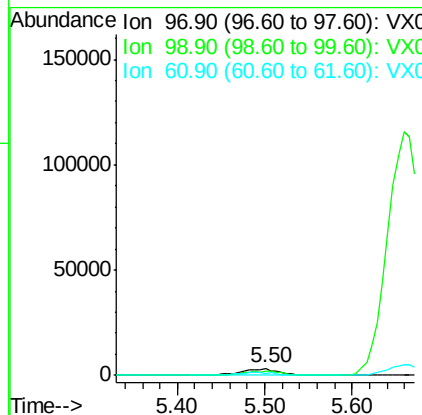
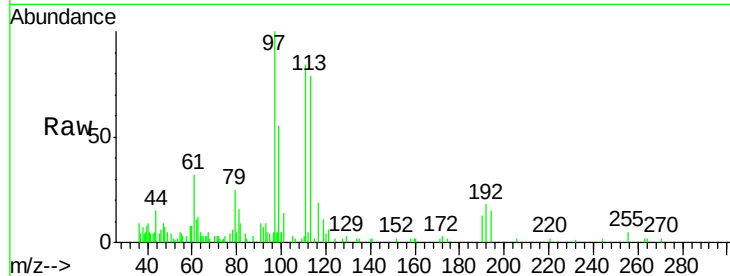
ClientSampleId :

VSTDIC001

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 97    | Resp: | 10040 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 0.0   | 51.7  | 77.5# |
| 61        | 41.1  | 31.3  | 46.9  |

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.07 min

Lab File: VX006948.D

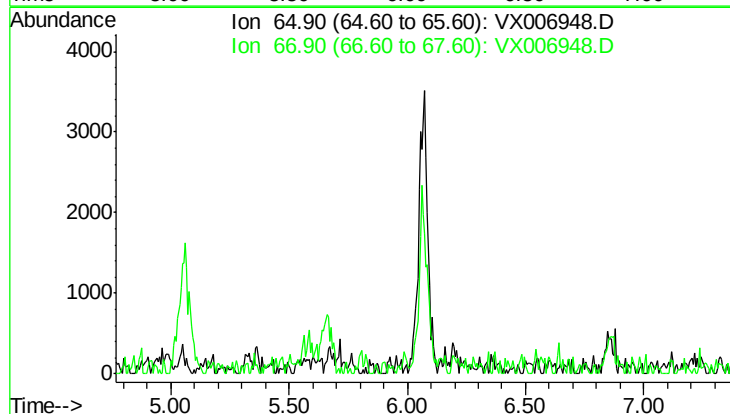
Acq: 08 Jan 2019 11:32

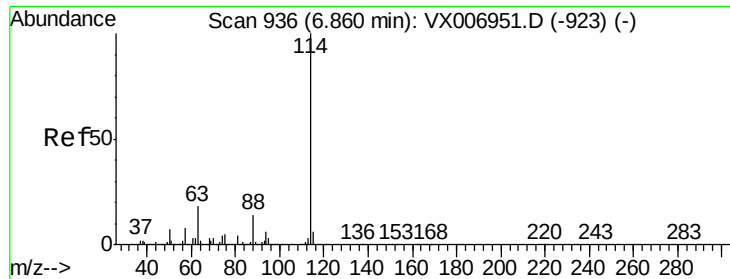
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.5





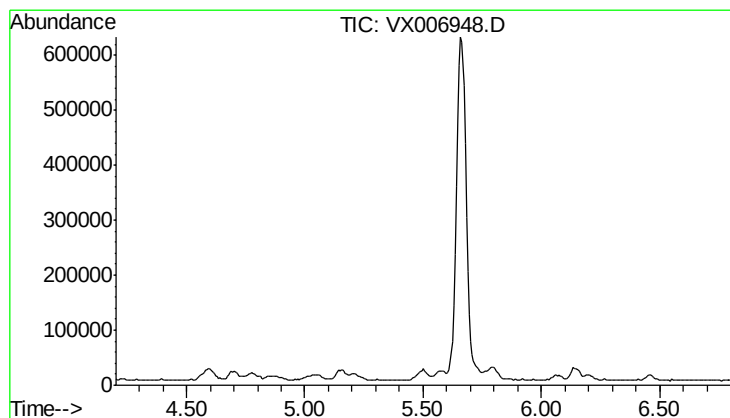
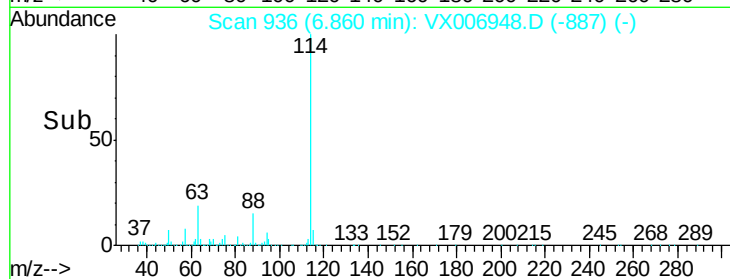
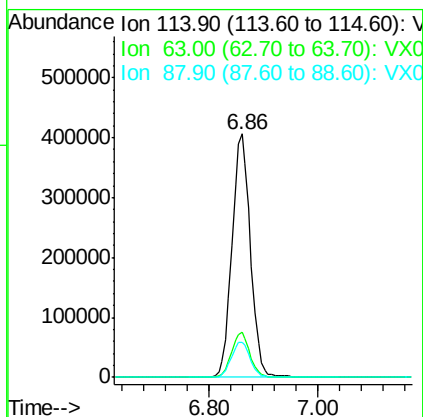
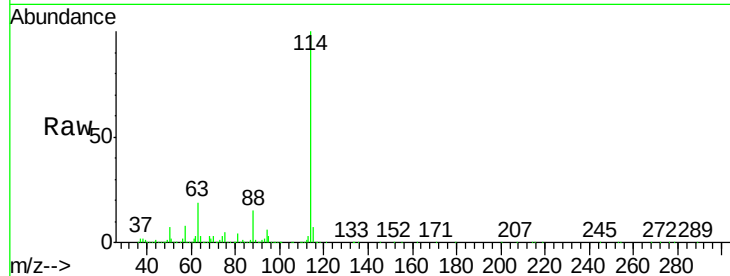
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX006948.D  
 Acq: 08 Jan 2019 11:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 114     | 100   |            |            |
| 63      | 18.6  | 0.0        | 34.8       |
| 88      | 14.6  | 0.0        | 28.8       |

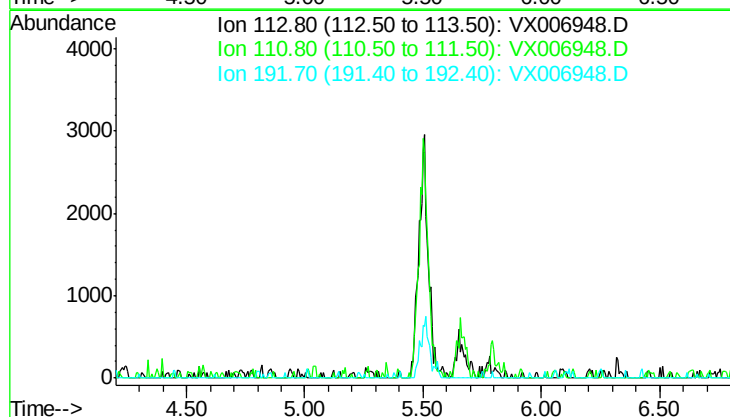
Manual Integrations  
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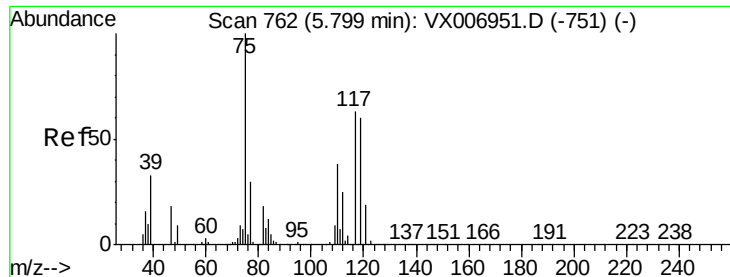
MMDadoda  
 1/9/2019 10:24:48 AM



#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 5.50 min  
 Lab File: VX006948.D  
 Acq: 08 Jan 2019 11:32

| Tgt Ion | Exp Ratio |
|---------|-----------|
| 113     | 100       |
| 111     | 102.0     |
| 192     | 20.9      |





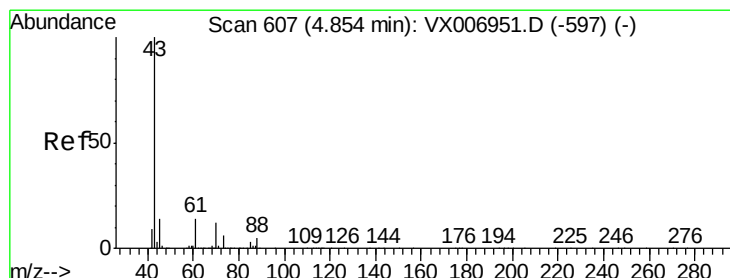
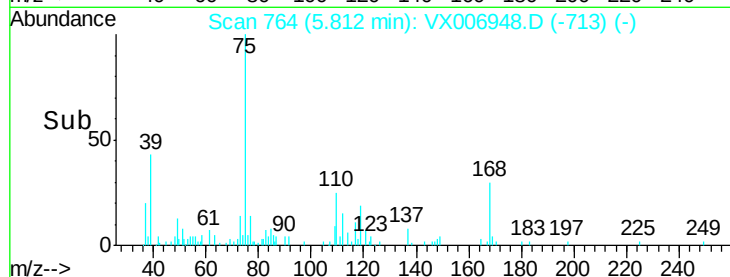
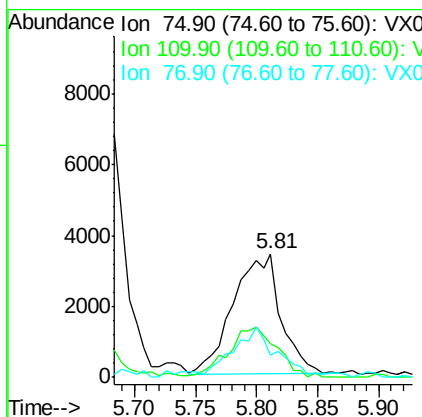
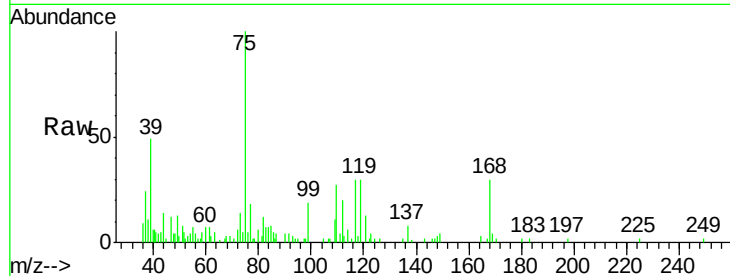
#36  
 1,1-Dichloropropene  
 Concen: 1.159 ug/l  
 RT: 5.81 min Scan# 764  
 Delta R.T. 0.01 min  
 Lab File: VX006948.D  
 Acq: 08 Jan 2019 11:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 42.5  | 20.2  | 60.5  |
| 77      | 41.0  | 24.8  | 37.2# |

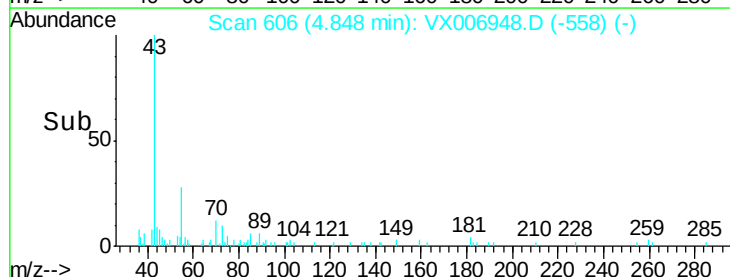
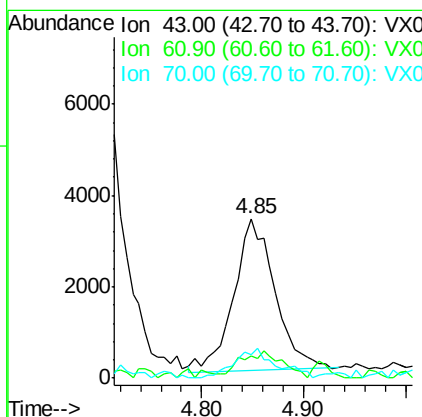
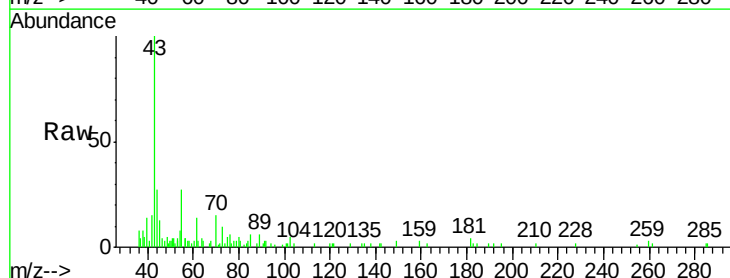
Manual Integrations  
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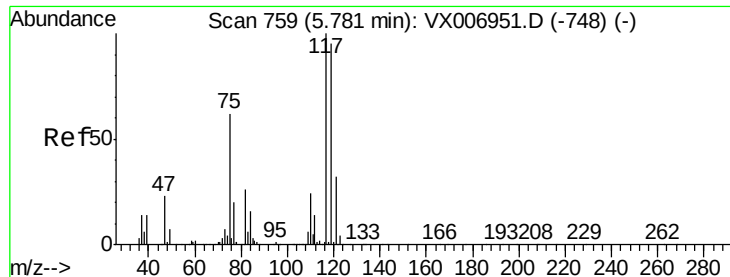
MMDadoda  
 1/9/2019 10:24:48 AM



#37  
 Ethyl Acetate  
 Concen: 1.120 ug/l  
 RT: 4.85 min Scan# 606  
 Delta R.T. -0.01 min  
 Lab File: VX006948.D  
 Acq: 08 Jan 2019 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 17.9  | 11.9  | 17.9# |
| 70      | 19.8  | 9.7   | 14.5# |





#38

Carbon Tetrachloride

Concen: 1.174 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

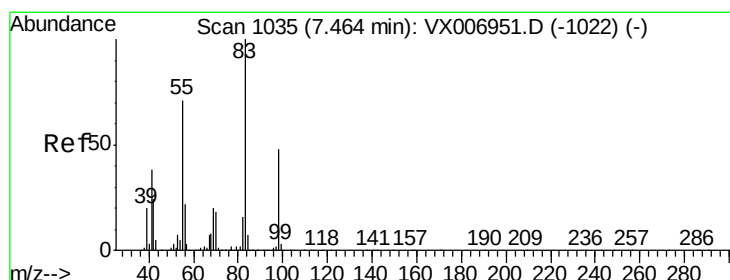
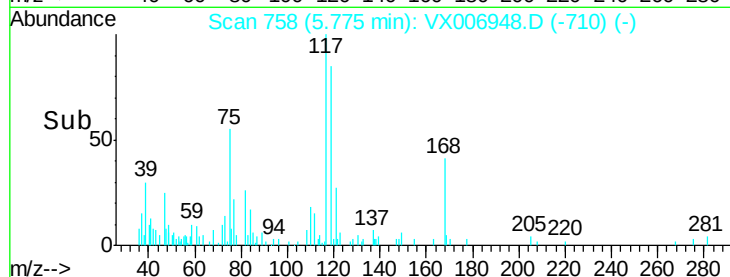
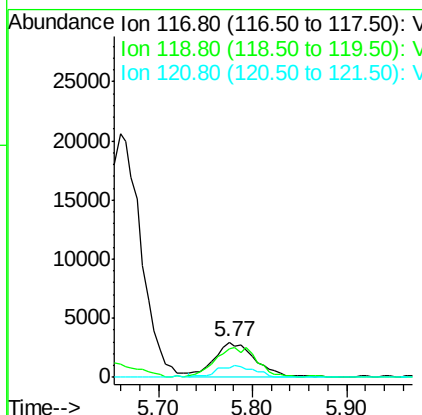
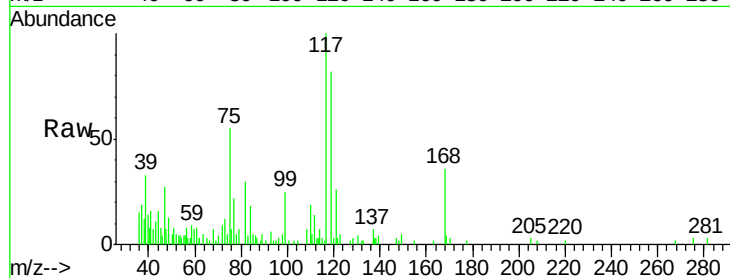
ClientSampled :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 117   | Resp: | 9116  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 82.4  | 79.4  | 119.2 |
| 121      | 25.9  | 24.0  | 36.0  |

Manual Integrations  
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#39

Methylcyclohexane

Concen: 1.198 ug/l

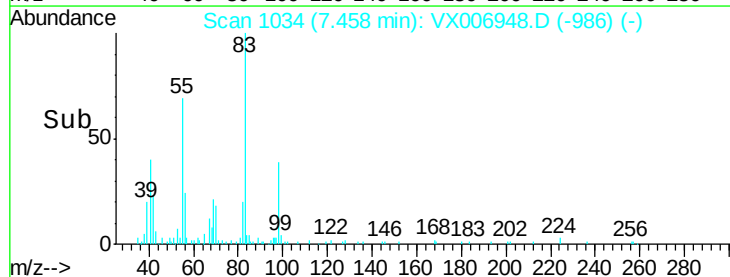
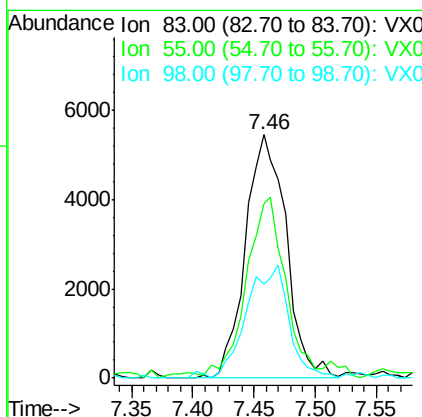
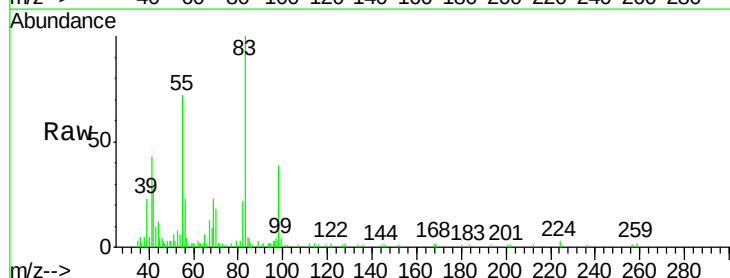
RT: 7.46 min Scan# 1034

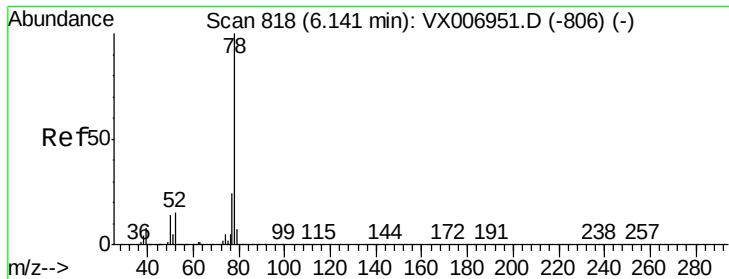
Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 12607 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 70.4  | 54.9  | 82.3  |
| 98       | 39.1  | 37.9  | 56.9  |





#40

Benzene

Concen: 1.180 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 28666

Ion Ratio Lower Upper

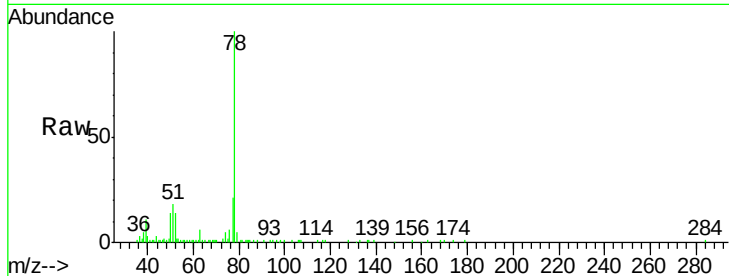
78 100

77 21.4 19.2 28.8

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

12000

10000

8000

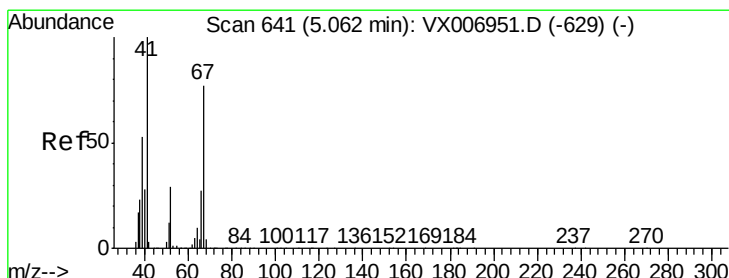
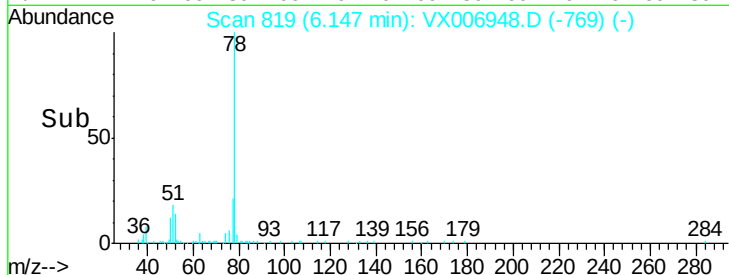
6000

4000

2000

0

Time--> 6.00 6.10 6.20



#41

Methacrylonitrile

Concen: 1.477 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Tgt Ion: 41 Resp: 6523

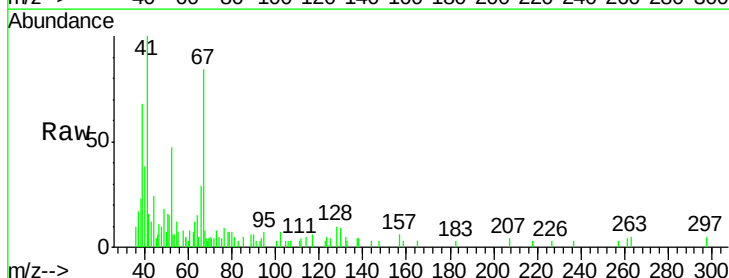
Ion Ratio Lower Upper

41 100

39 48.3 42.8 64.2

67 77.3 62.1 93.1

52 35.3 23.4 35.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

5000

4000

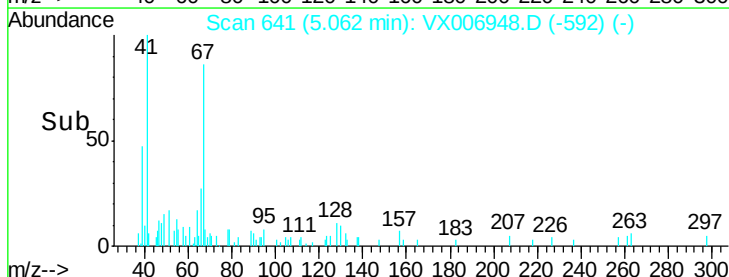
3000

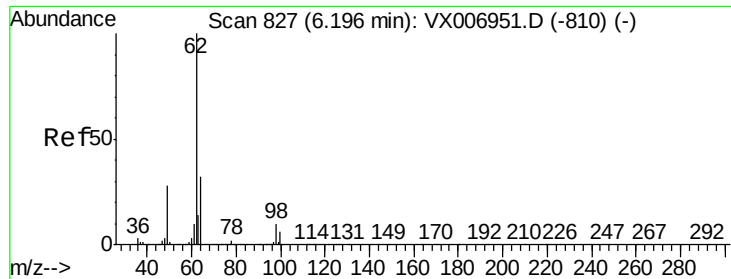
2000

1000

0

Time--> 4.95 5.00 5.05 5.10





#42

1,2-Dichloroethane

Concen: 1.280 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

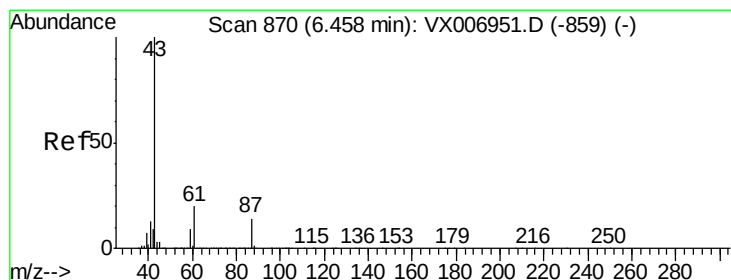
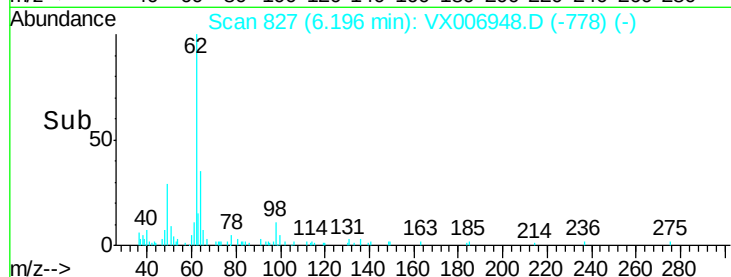
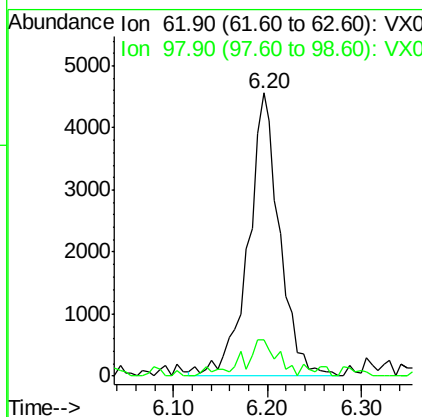
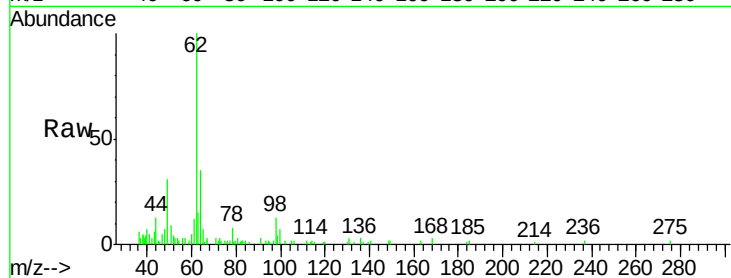
ClientSampled :

VSTDIC001

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 62    | Resp: | 10597 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 13.0  | 0.0   | 20.2  |

Manual Integrations  
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1/9/2019 10:24:48 AM



#43

Isopropyl Acetate

Concen: 1.181 ug/l

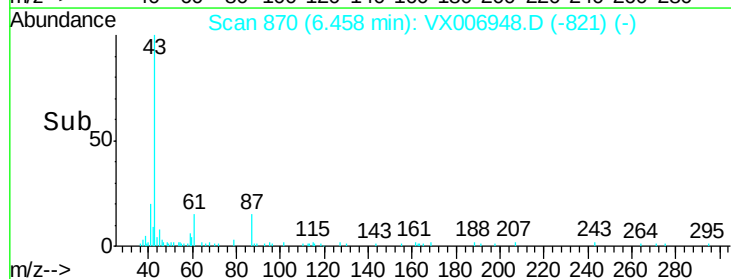
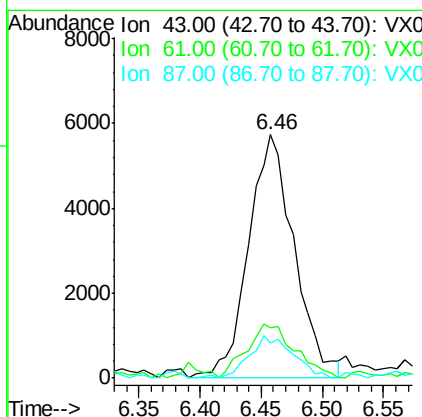
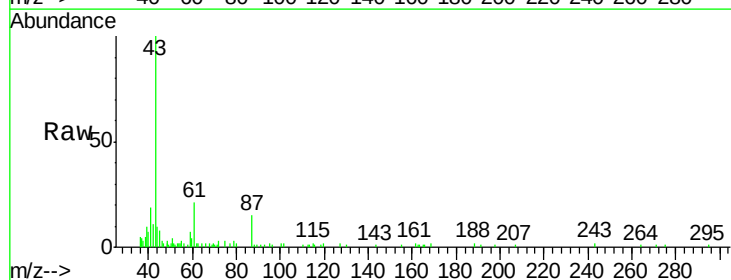
RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

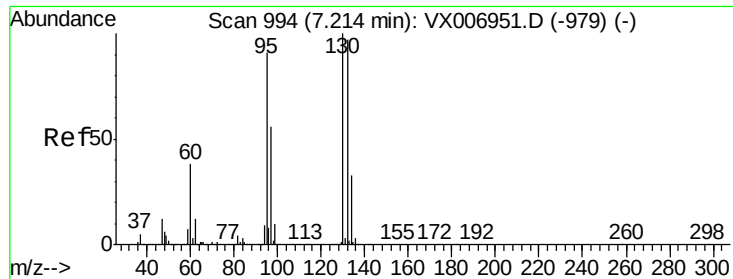
Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 14942 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 23.3  | 16.8  | 25.2  |
| 87        | 16.5  | 12.4  | 18.6  |







#44

Trichloroethene

Concen: 1.279 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 9402

Ion Ratio Lower Upper

130 100

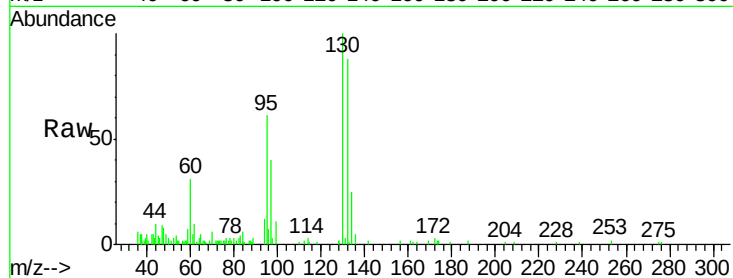
95 60.9 0.0 187.0

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

6000

5000

4000

3000

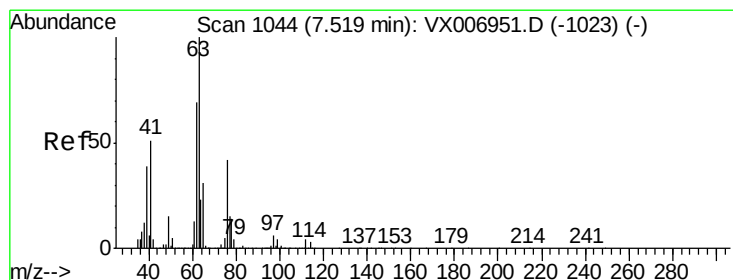
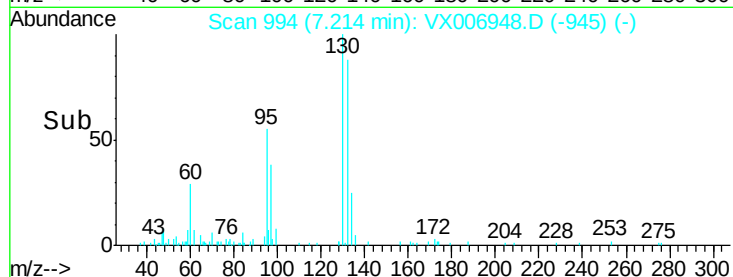
2000

1000

0

7.15 7.20 7.25

Time-->



#45

1,2-Dichloropropane

Concen: 1.140 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX006948.D

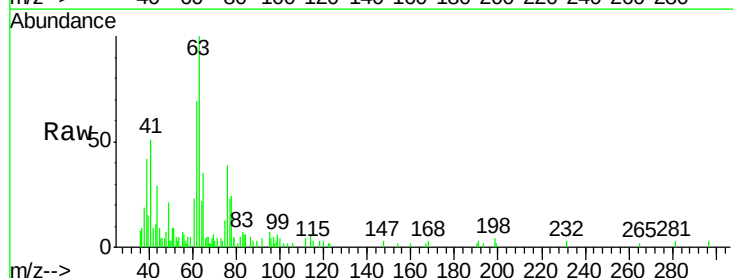
Acq: 08 Jan 2019 11:32

Tgt Ion: 63 Resp: 6741

Ion Ratio Lower Upper

63 100

65 30.2 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

3000

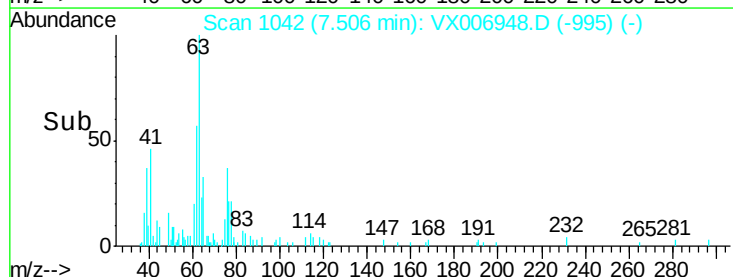
2000

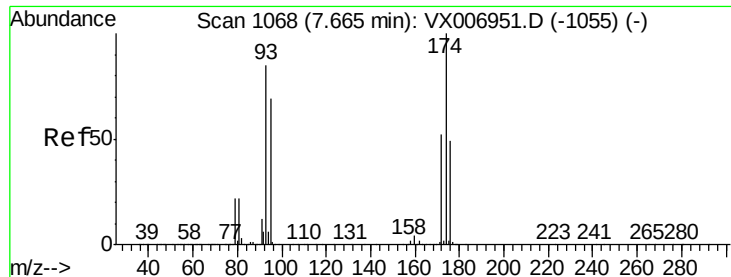
1000

0

7.45 7.50 7.55 7.60

Time-->





#46

Dibromomethane

Concen: 1.163 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

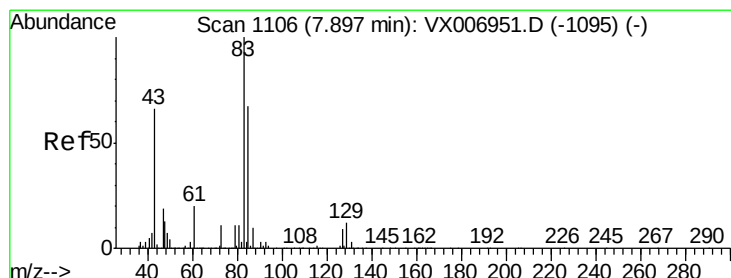
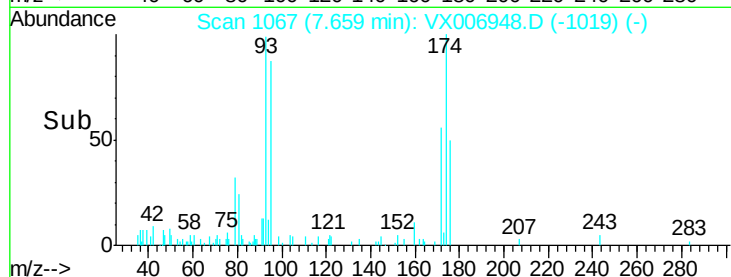
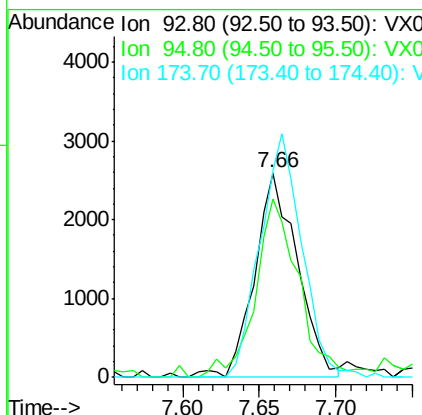
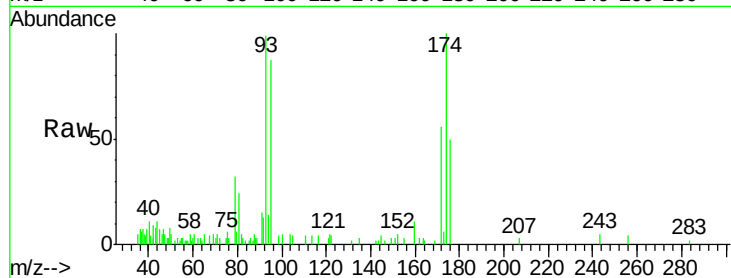
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 93    | Resp: | 5057  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 88.2  | 66.2  | 99.4  |
| 174      | 116.7 | 91.0  | 136.4 |

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#47

Bromodichloromethane

Concen: 1.079 ug/l

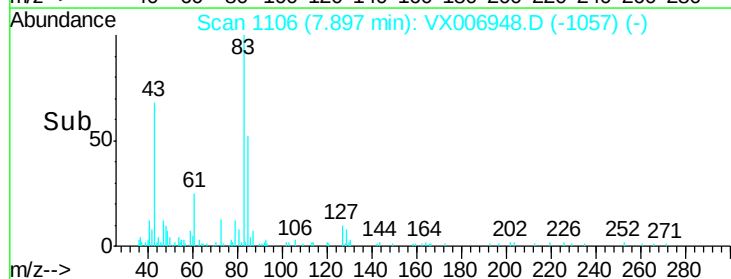
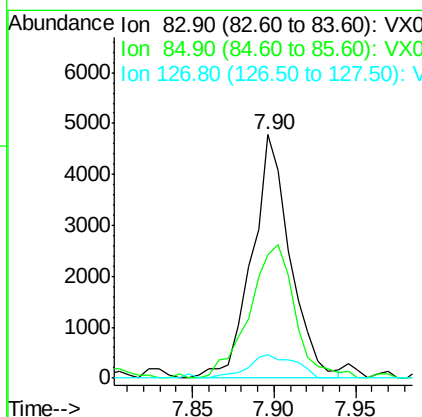
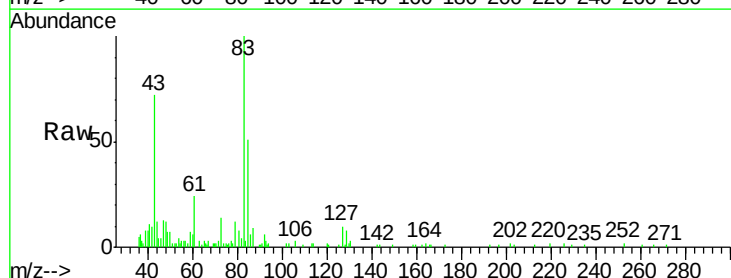
RT: 7.90 min Scan# 1106

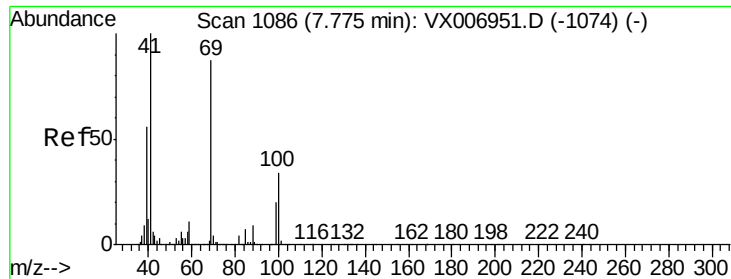
Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 7786  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 50.6  | 53.2  | 79.8# |
| 127      | 9.8   | 7.8   | 11.6  |





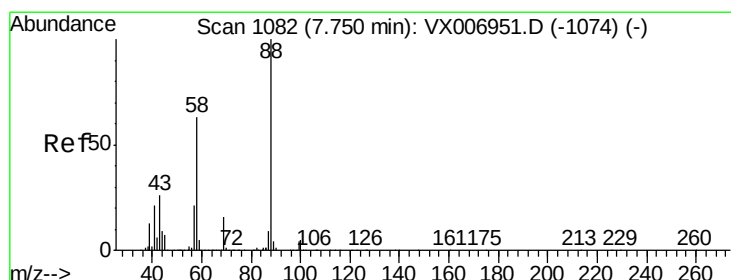
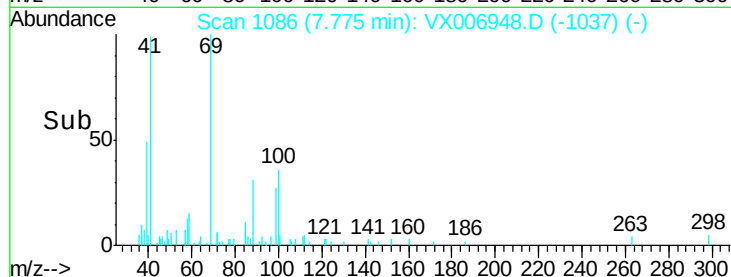
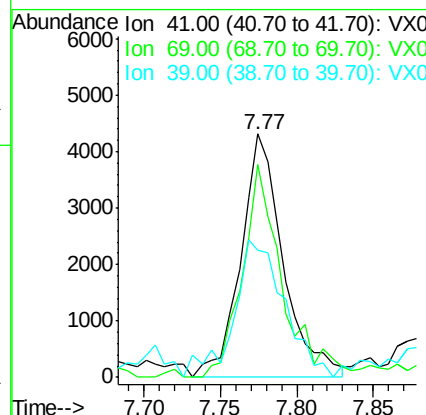
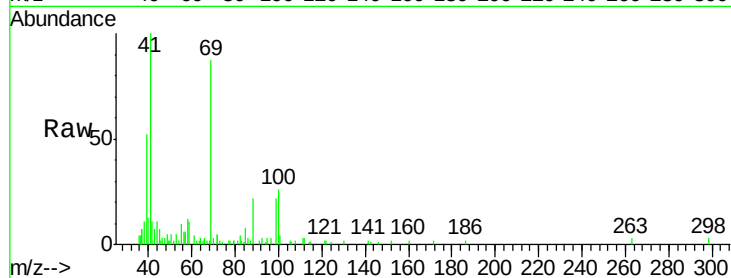
#48  
Methvl methacrylate  
Concen: 1.287 ug/l  
RT: 7.77 min Scan# 1086  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 8281  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 82.0  | 72.4  | 108.6 |
| 39       | 66.9  | 45.8  | 68.8  |

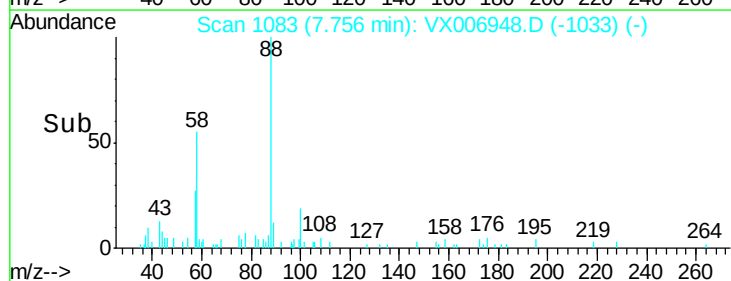
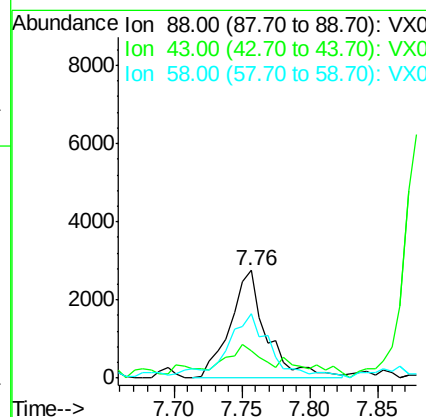
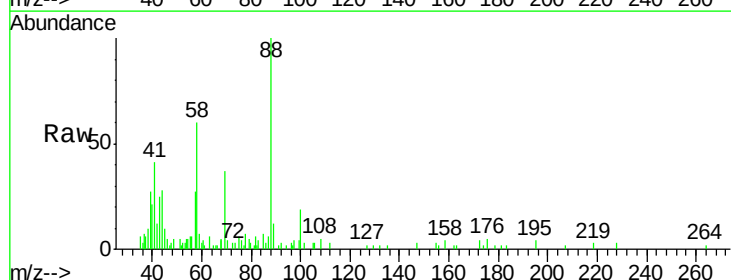
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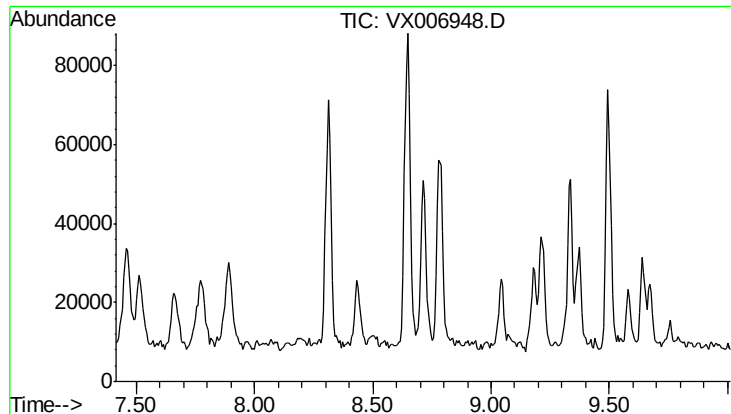
MMDadoda  
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#49  
1,4-Dioxane  
Concen: 28.309 ug/l  
RT: 7.76 min Scan# 1083  
Delta R.T. 0.01 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 5155  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 18.7  | 22.2  | 33.4# |
| 58       | 72.3  | 51.0  | 76.4  |





#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 8.71 min

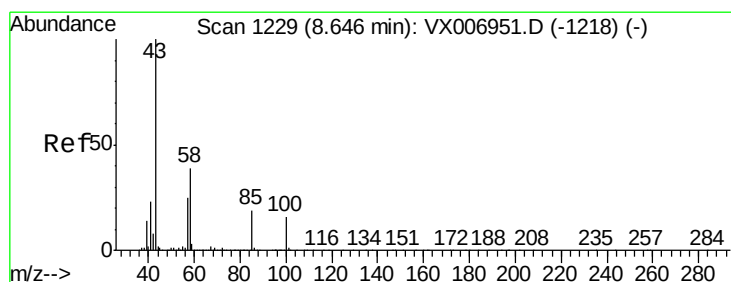
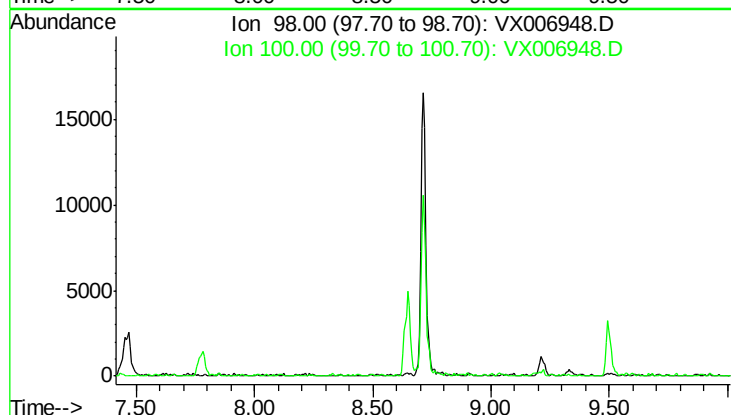
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tot Ion: 98  
Sig Exp Ratio  
98 100  
100 65.0

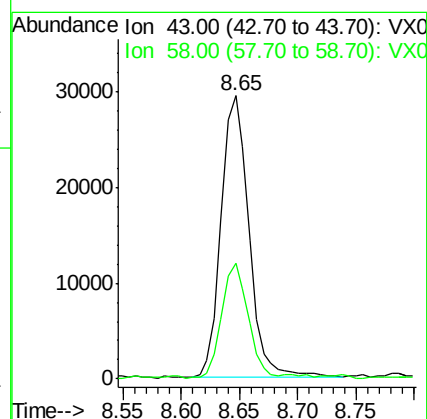
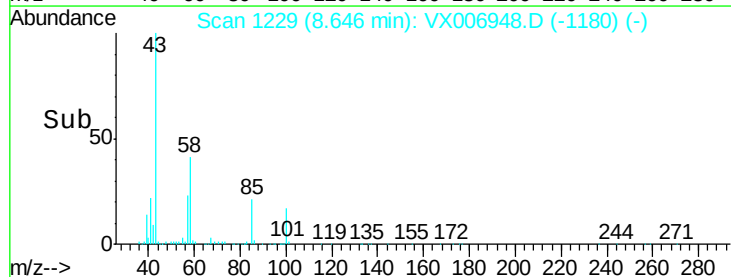
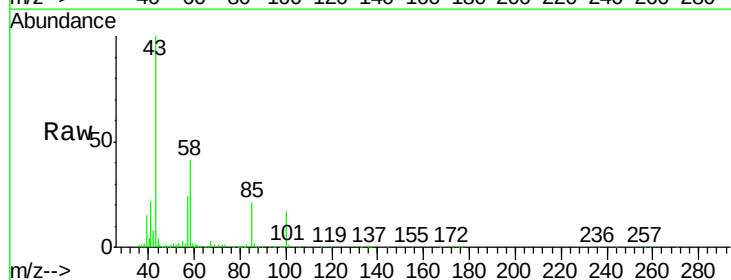
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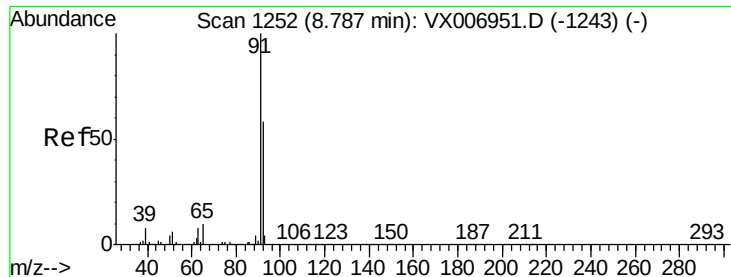
MMDadoda  
1/9/2019 10:24:48 AM



#51  
4-Methyl-2-Pentanone  
Concen: 6.044 ug/l  
RT: 8.65 min Scan# 1229  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Tgt Ion: 43 Resp: 48672  
Ion Ratio Lower Upper  
43 100  
58 39.7 31.8 47.6





#52

Toluene

Concen: 1.178 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 18482

Ion Ratio Lower Upper

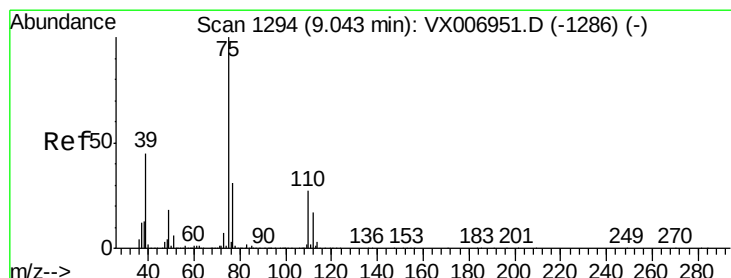
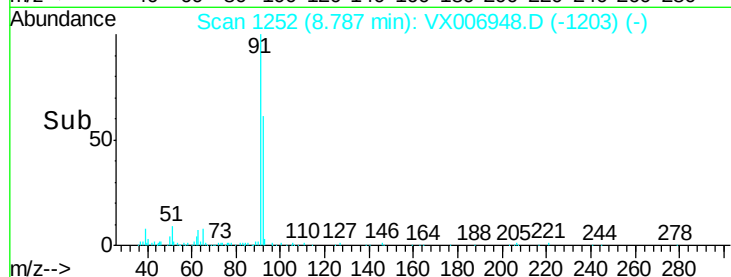
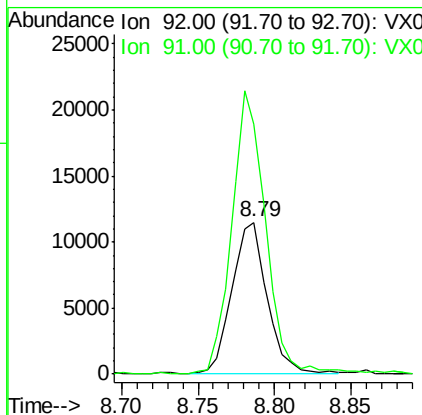
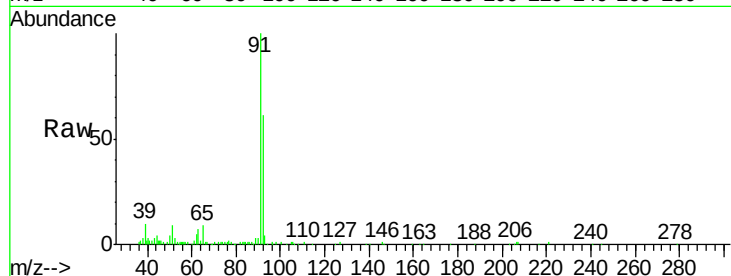
92 100

91 177.8 137.6 206.4

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#53

t-1,3-Dichloropropene

Concen: 1.090 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006948.D

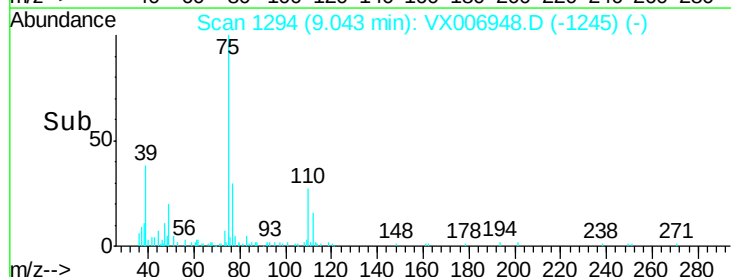
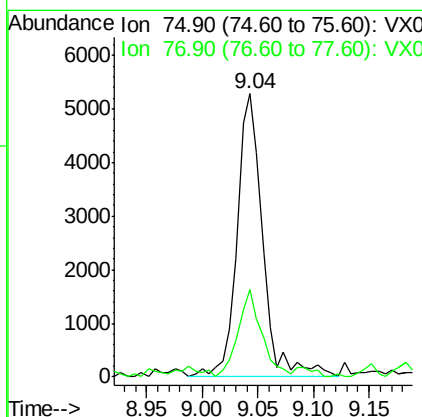
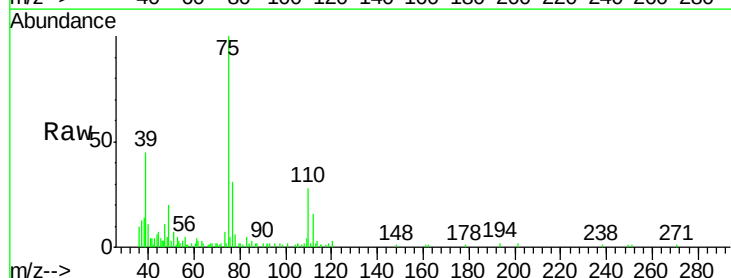
Acq: 08 Jan 2019 11:32

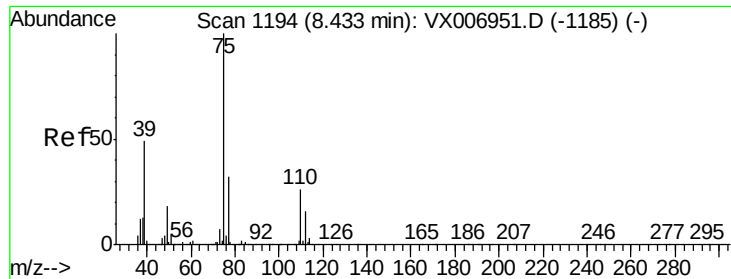
Tgt Ion: 75 Resp: 8439

Ion Ratio Lower Upper

75 100

77 29.7 25.4 38.0





#54

cis-1,3-Dichloropropene

Concen: 1.086 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

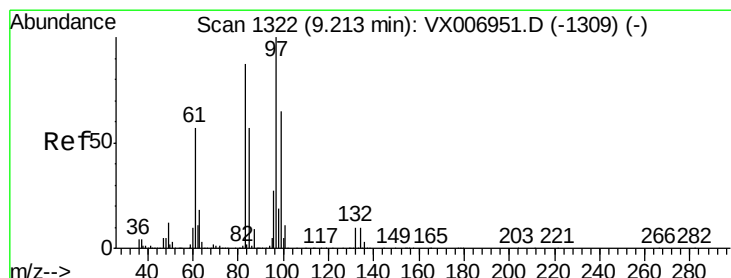
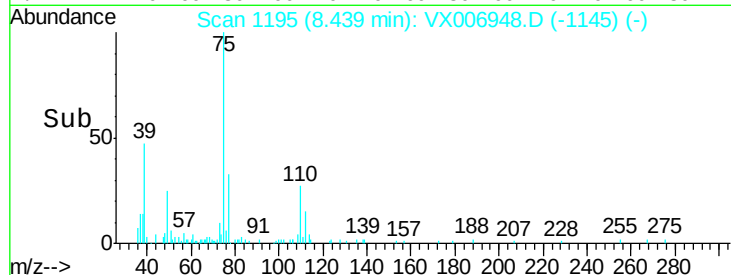
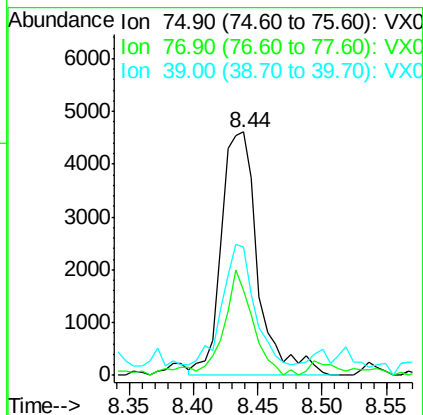
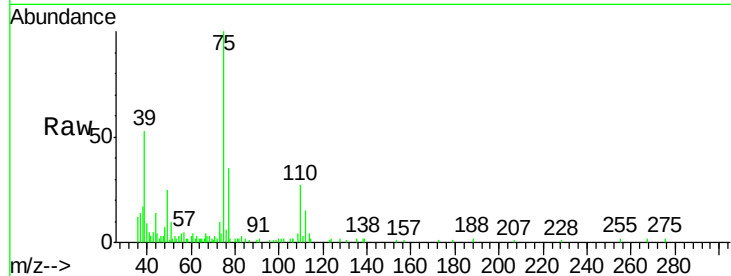
ClientSampled :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 9222  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.0  | 26.2  | 39.2  |
| 39       | 48.0  | 36.7  | 55.1  |

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#55

1,1,2-Trichloroethane

Concen: 1.093 ug/l

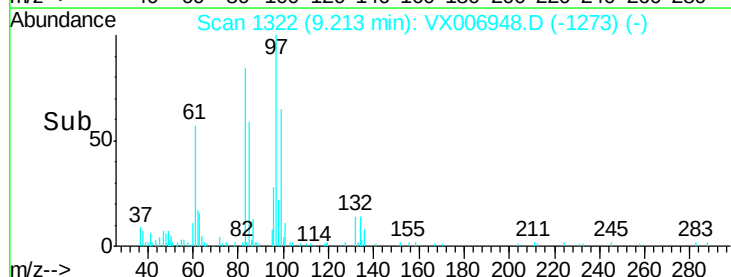
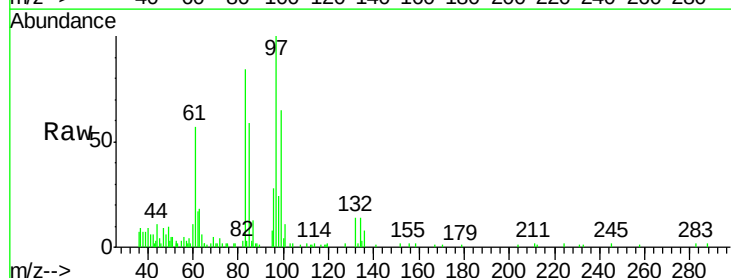
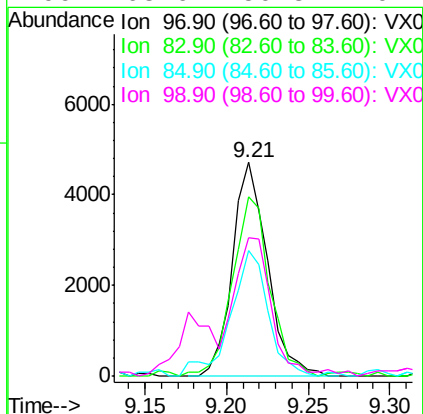
RT: 9.21 min Scan# 1322

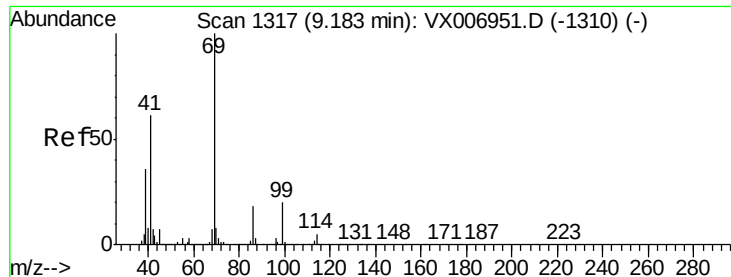
Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 7022  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.1  | 66.6  | 99.8  |
| 85       | 57.6  | 42.7  | 64.1  |
| 99       | 63.6  | 50.8  | 76.2  |





#56

Ethyl methacrylate

Concen: 1.091 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

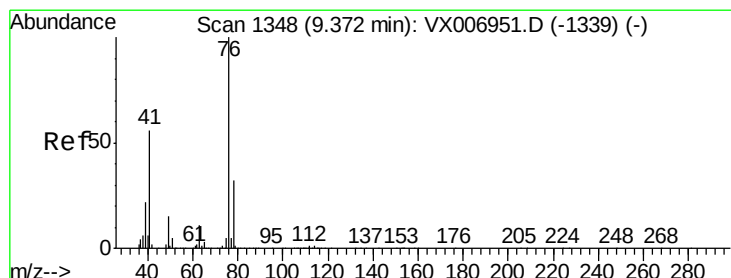
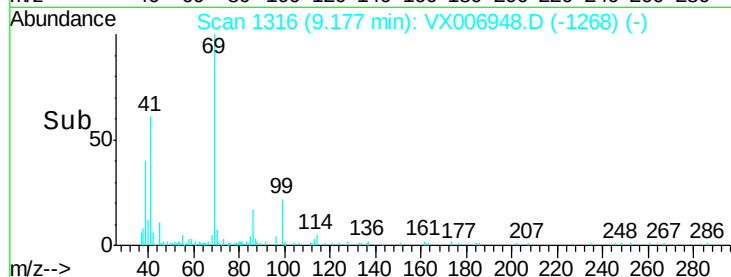
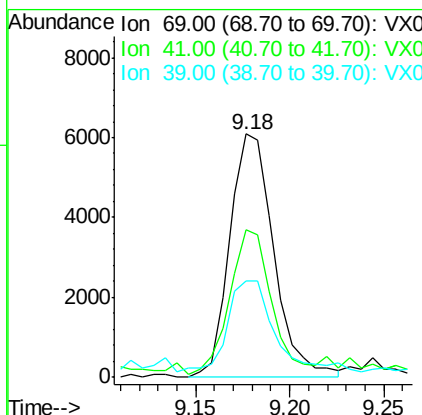
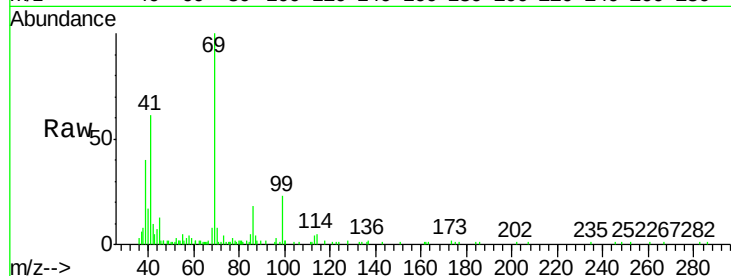
ClientSampled :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 69    | Resp: | 9905  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 55.5  | 48.7  | 73.1  |
| 39       | 38.8  | 27.0  | 40.6  |

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#57

1,3-Dichloropropane

Concen: 1.156 ug/l

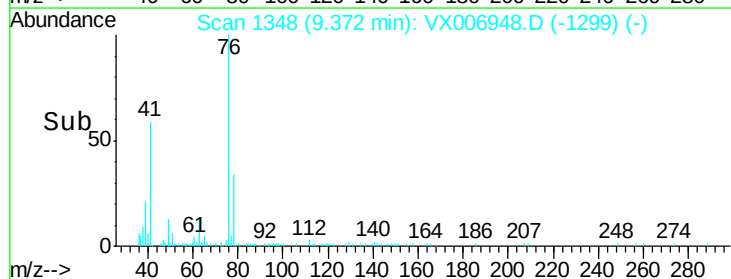
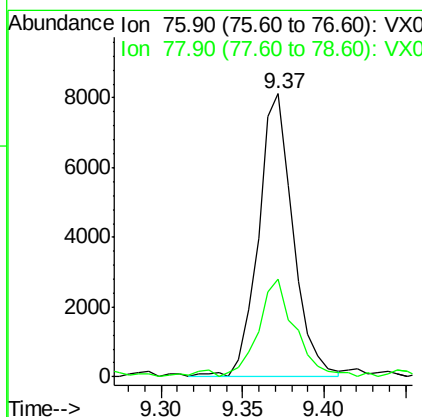
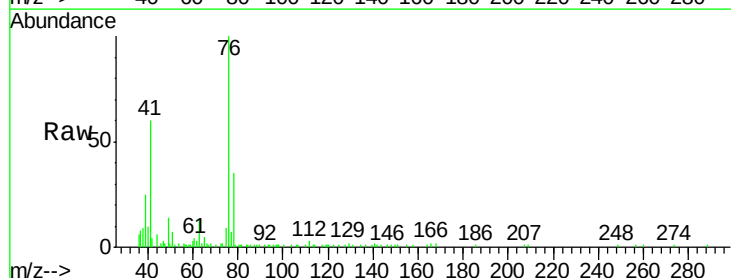
RT: 9.37 min Scan# 1348

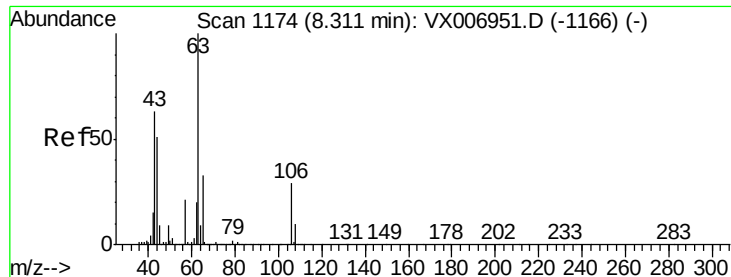
Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 11947 |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 36.7  | 26.0  | 39.0  |





#58

2-Chloroethyl Vinyl ether

Concen: 5.026 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 24258

Ion Ratio Lower Upper

63 100

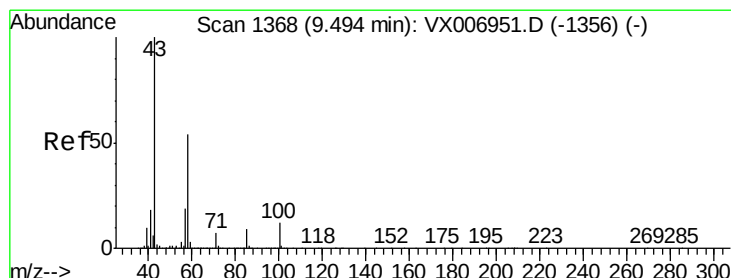
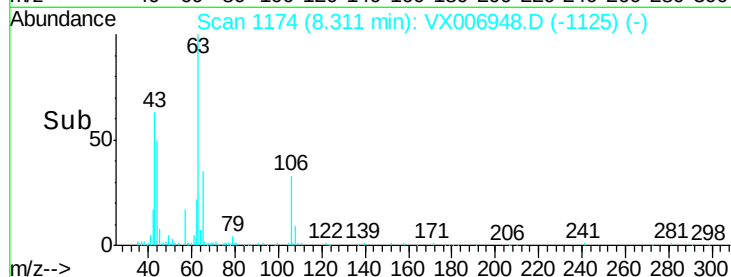
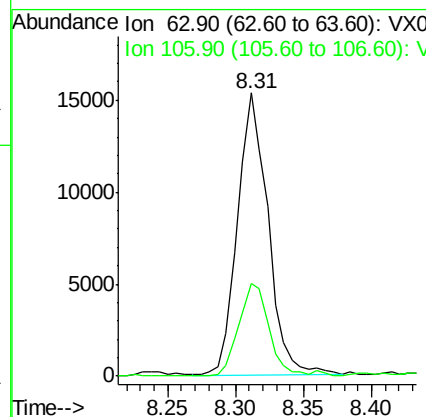
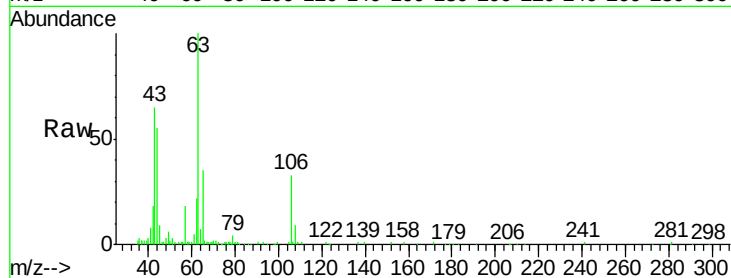
106 32.0 24.6 36.8

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#59

2-Hexanone

Concen: 5.793 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006948.D

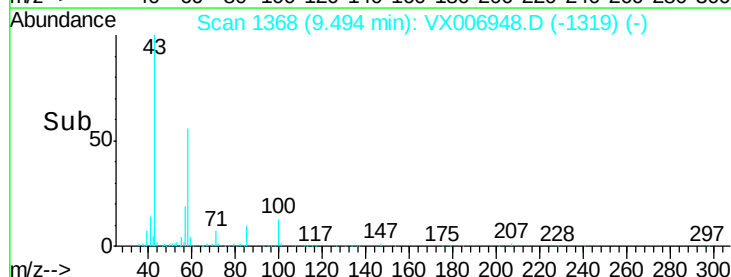
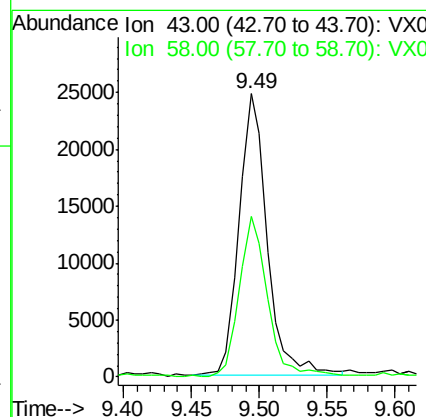
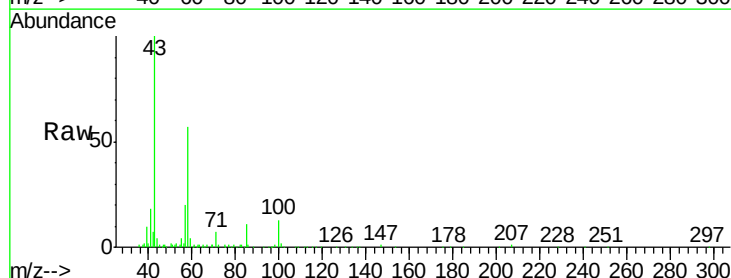
Acq: 08 Jan 2019 11:32

Tgt Ion: 43 Resp: 35693

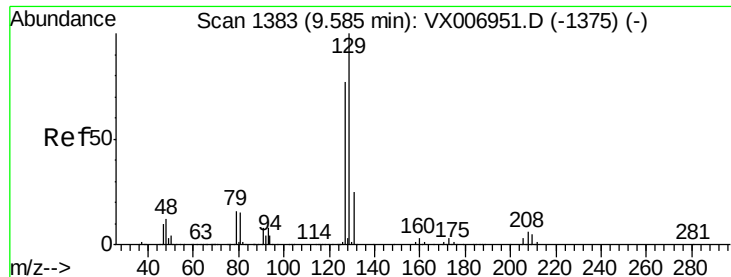
Ion Ratio Lower Upper

43 100

58 58.0 27.7 83.1







#60

Dibromochloromethane

Concen: 0.946 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 5600

Ion Ratio Lower Upper

129 100

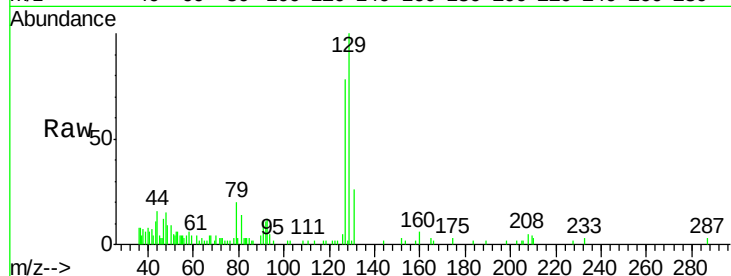
127 81.6 39.3 117.8

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

4000

3000

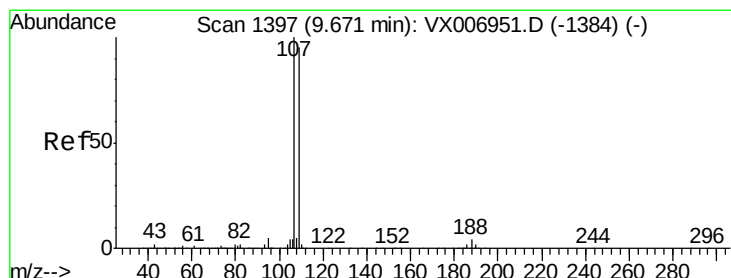
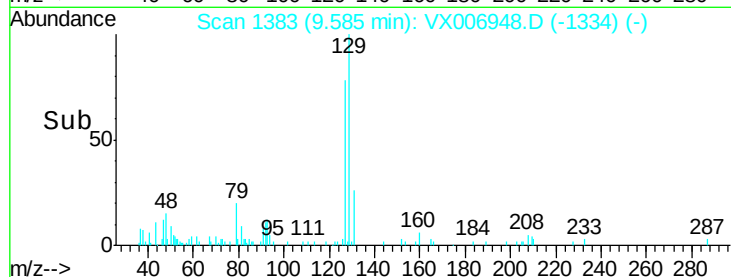
2000

1000

0

9.50 9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 1.144 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006948.D

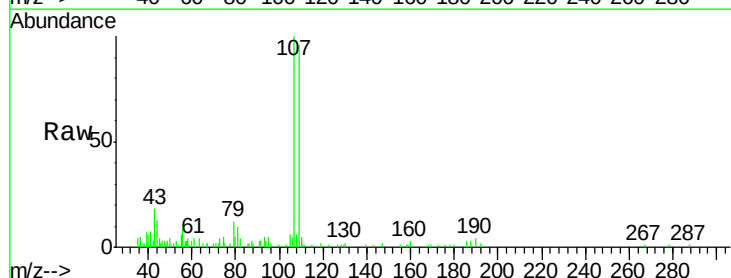
Acq: 08 Jan 2019 11:32

Tgt Ion:107 Resp: 7810

Ion Ratio Lower Upper

107 100

109 96.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

6000

5000

4000

3000

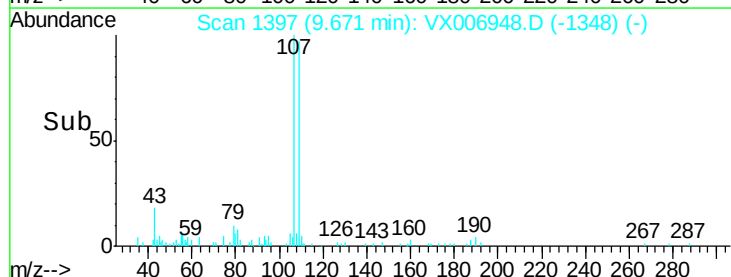
2000

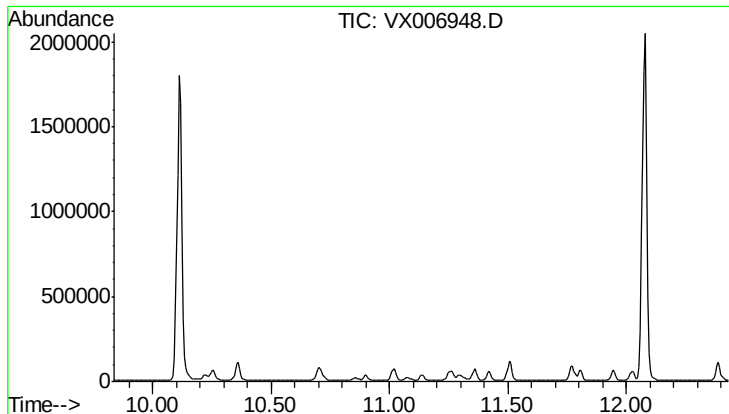
1000

0

9.60 9.65 9.70 9.75

Time-->





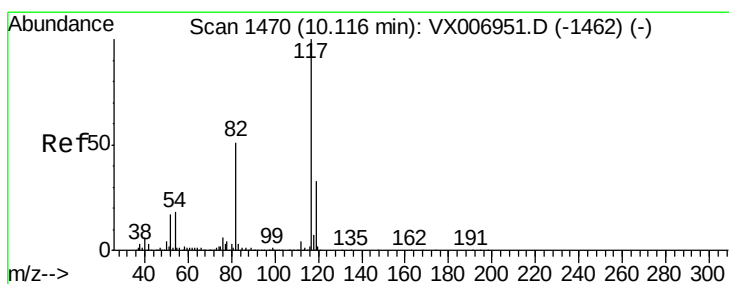
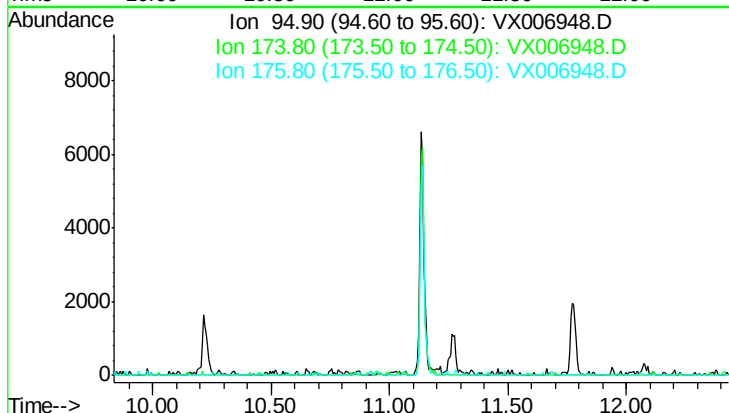
#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 11.13 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

| Tot Ion | 95   | Exp Ratio |
|---------|------|-----------|
| 95      | 100  |           |
| 174     | 91.1 |           |
| 176     | 89.4 |           |

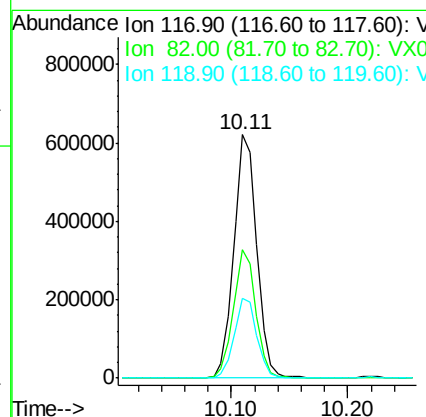
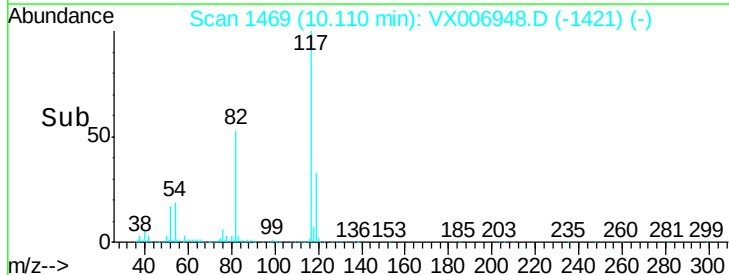
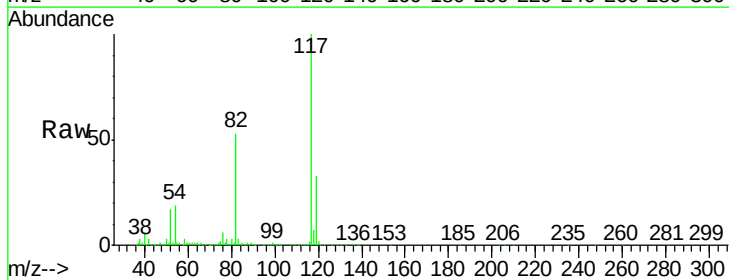
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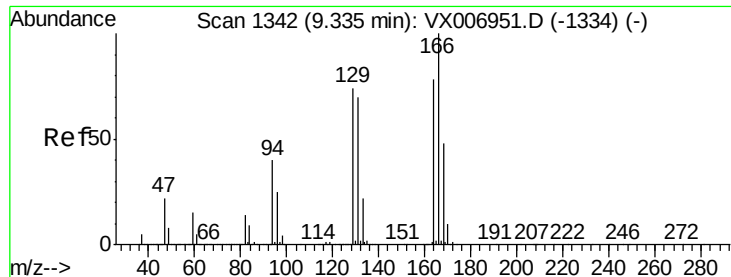
MMDadoda  
1/9/2019 10:24:48 AM



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.01 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

| Tgt Ion   | 117  | Resp | 850059 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| 82        | 52.5 | 41.0 | 61.6   |
| 119       | 32.5 | 25.4 | 38.0   |





#64

Tetrachloroethene

Concen: 1.322 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

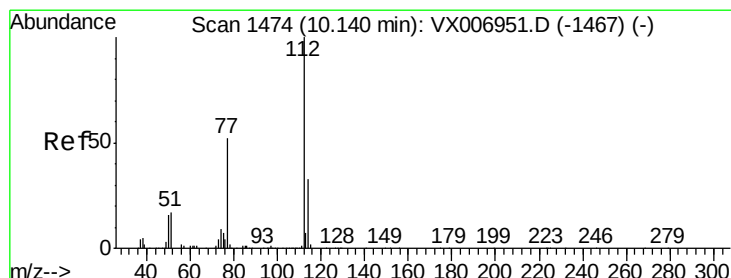
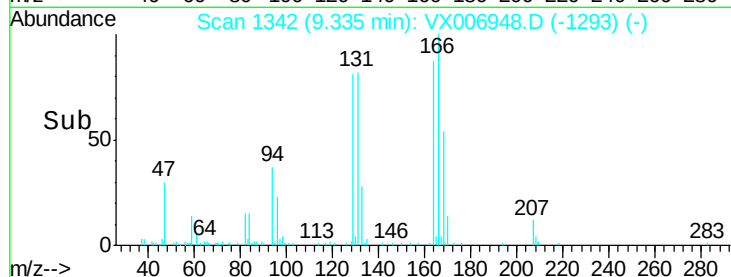
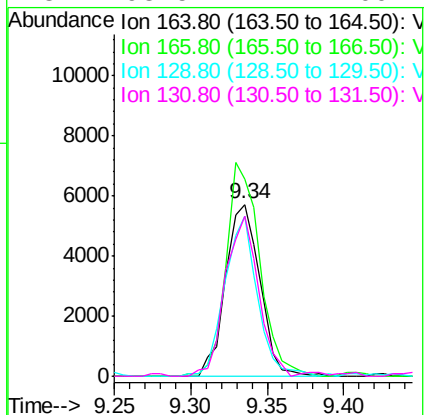
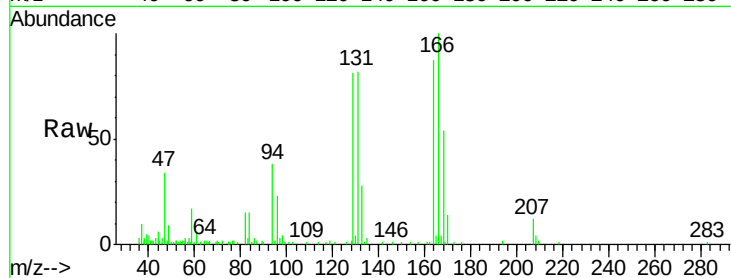
ClientSampled :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 164   | Resp: | 8896  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 113.5 | 102.5 | 153.7 |
| 129      | 93.1  | 75.1  | 112.7 |
| 131      | 93.5  | 72.7  | 109.1 |

Manual Integrations  
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1/9/2019 10:24:48 AM



#65

Chlorobenzene

Concen: 1.158 ug/l

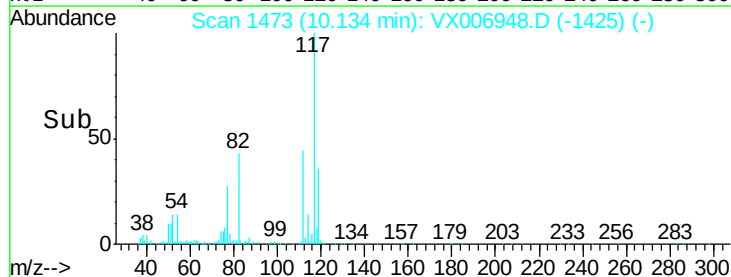
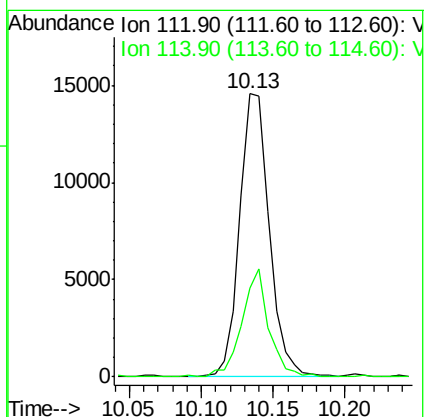
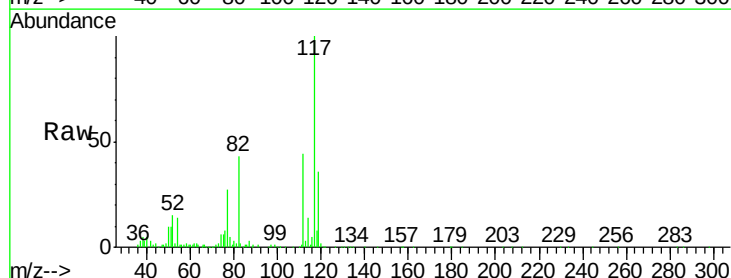
RT: 10.13 min Scan# 1473

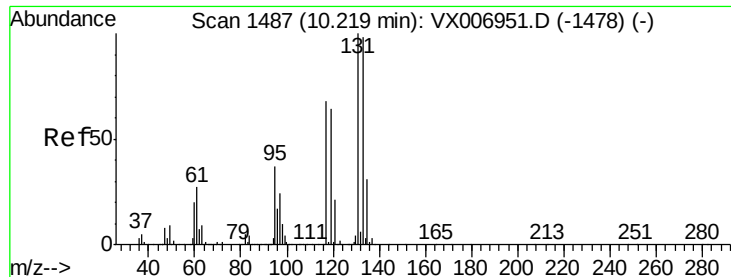
Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 20831 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 31.5  | 25.7  | 38.5  |





#66

1,1,1,2-Tetrachloroethane

Concen: 1.009 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

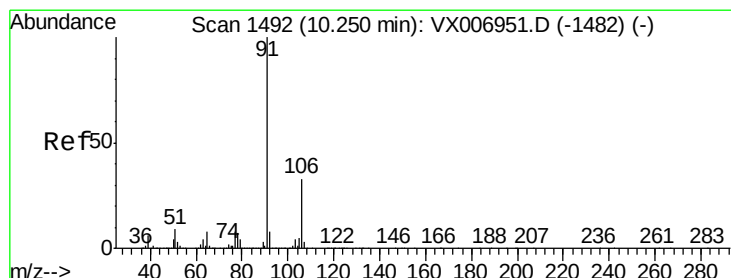
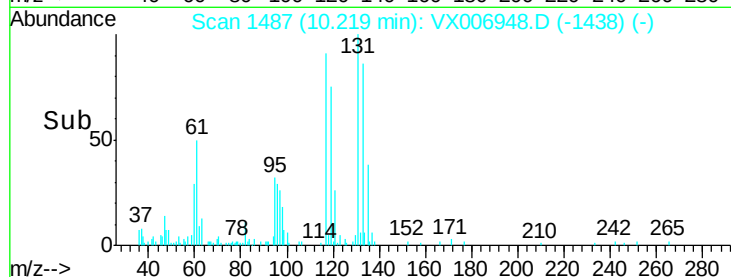
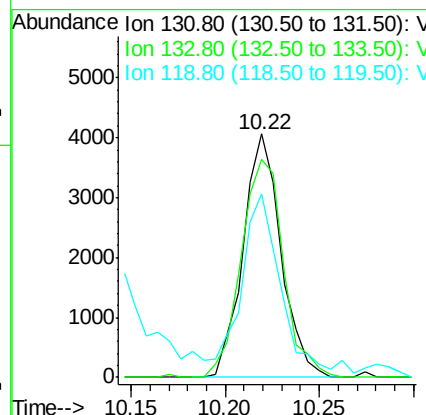
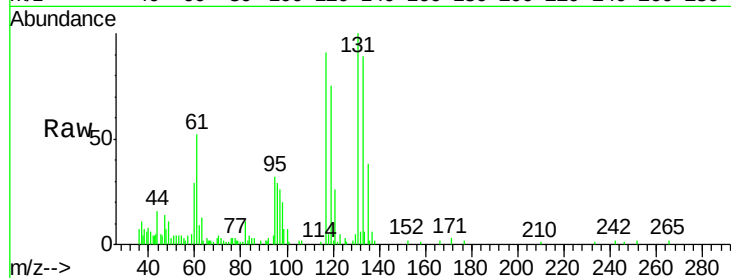
ClientSampled :

VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 100.1 | 48.0  | 144.2 |
| 119     | 0.0   | 32.6  | 97.8# |

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#67

Ethyl Benzene

Concen: 1.184 ug/l

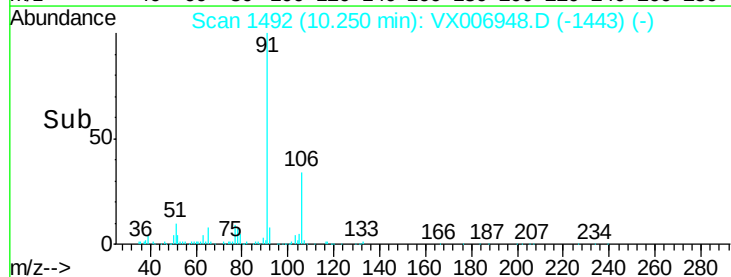
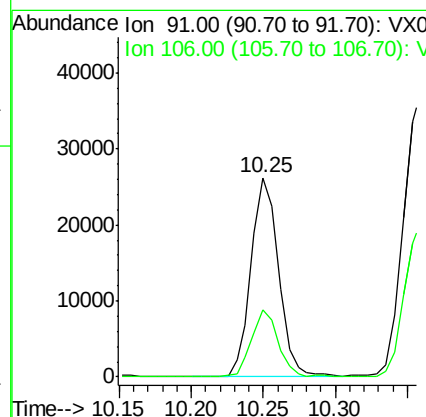
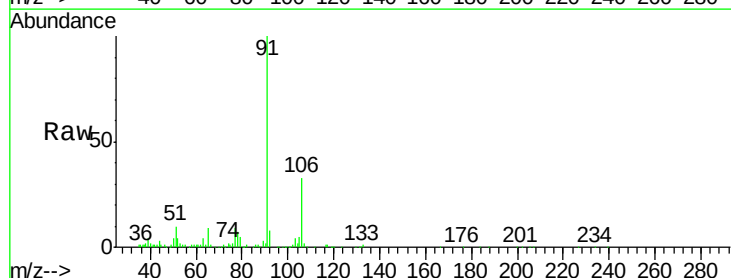
RT: 10.25 min Scan# 1492

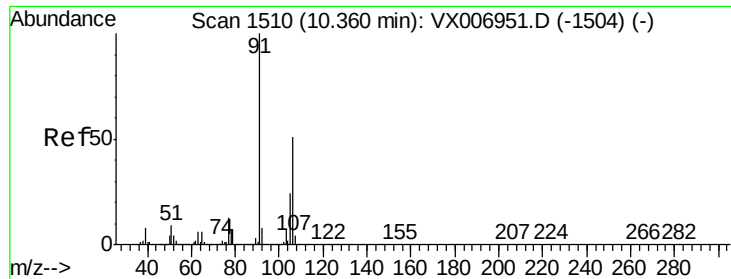
Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 33.5  | 26.4  | 39.6  |





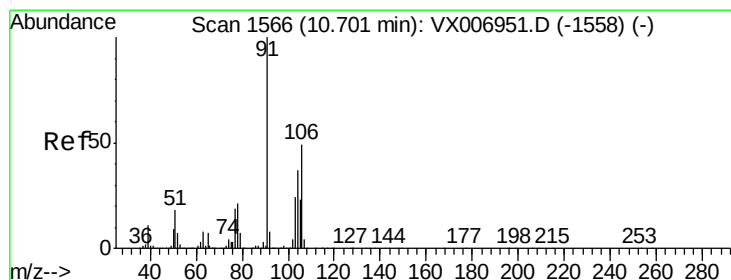
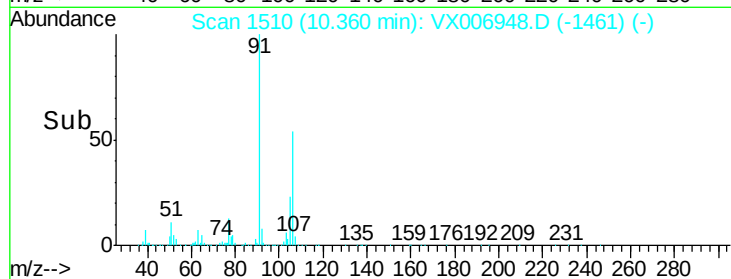
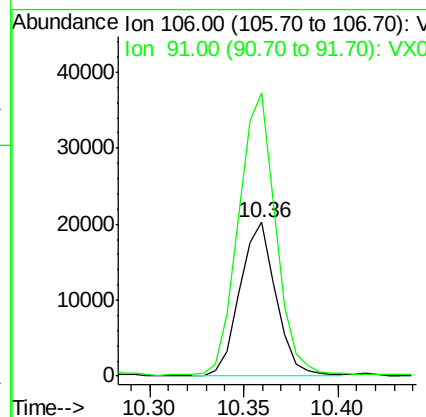
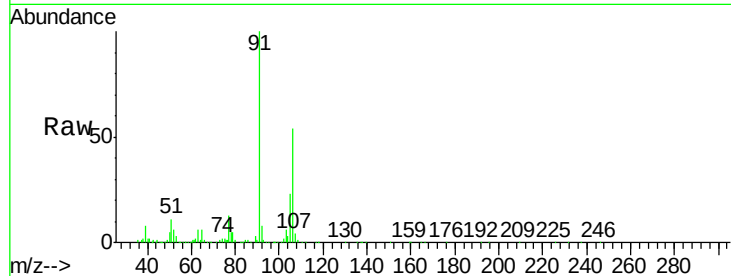
#68  
m/p-Xylenes  
Concen: 2.322 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 187.9 | 155.8 | 233.6 |

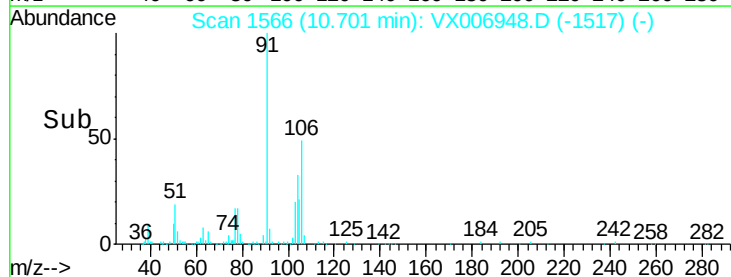
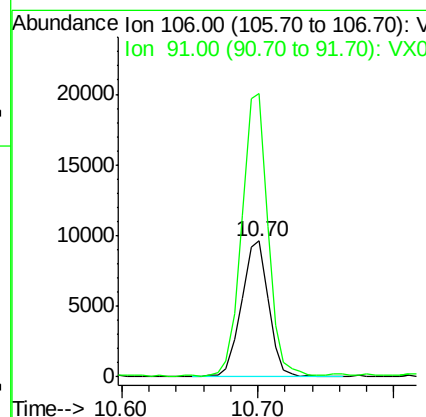
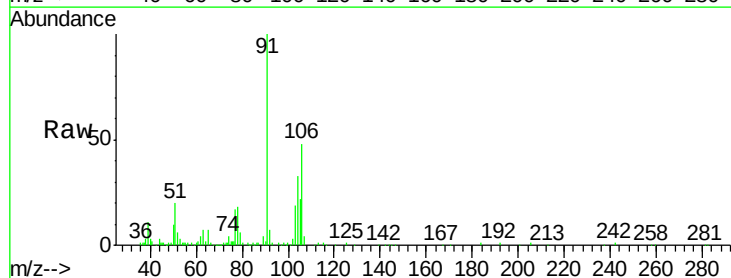
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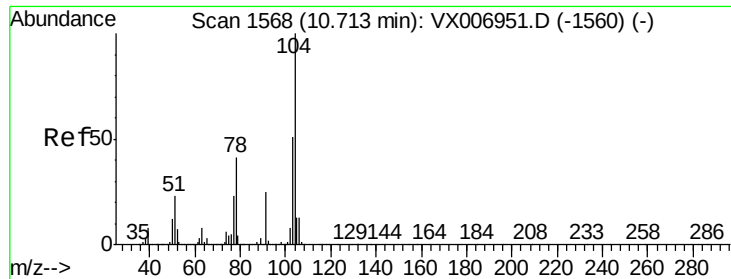
MMDadoda  
1/9/2019 10:24:48 AM



#69  
o-Xylene  
Concen: 1.164 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 203.3 | 101.3 | 303.7 |





#70

Stvrene

Concen: 1.081 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

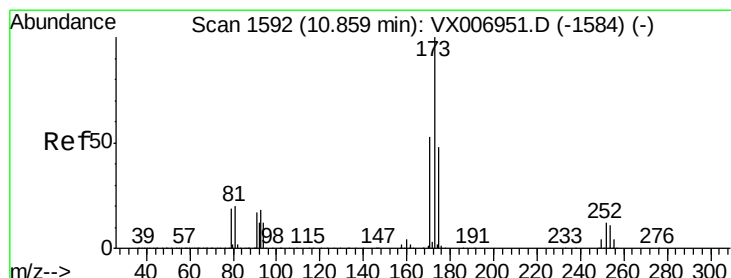
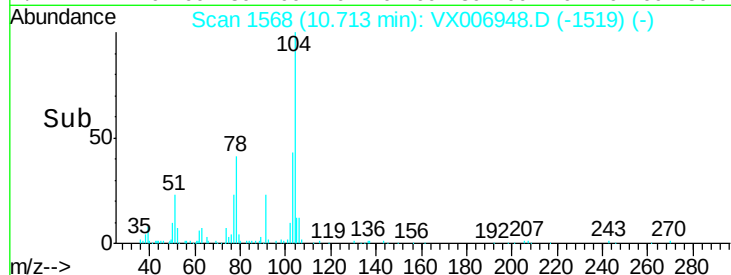
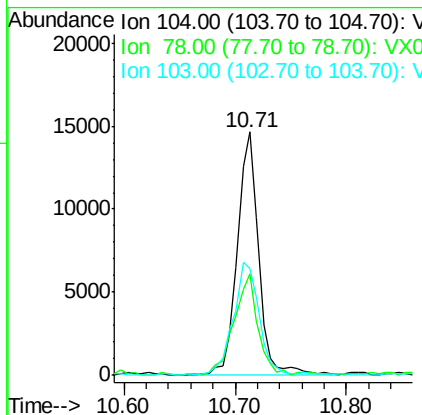
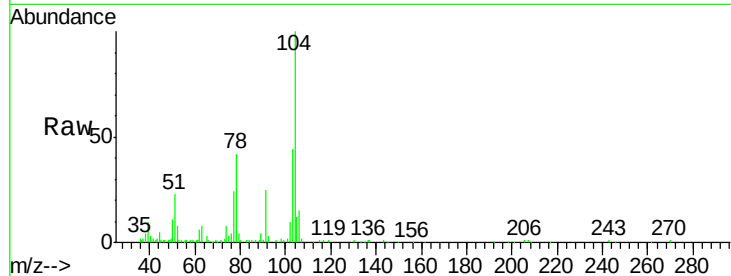
ClientSampleId :

VSTDIC001

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 104   | Resp: | 19578 |
| Ion Ratio | Lower | Upper |       |
| 104       | 100   |       |       |
| 78        | 46.4  | 37.7  | 56.5  |
| 103       | 56.0  | 43.8  | 65.8  |

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#71

Bromoform

Concen: 0.906 ug/l

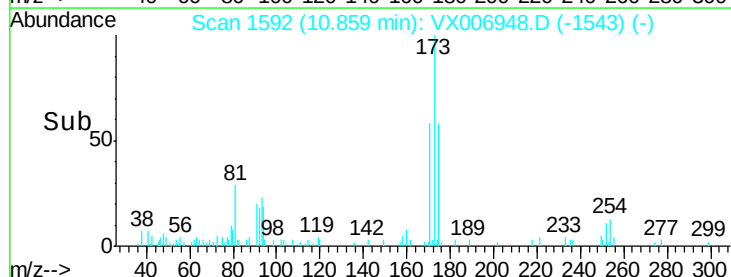
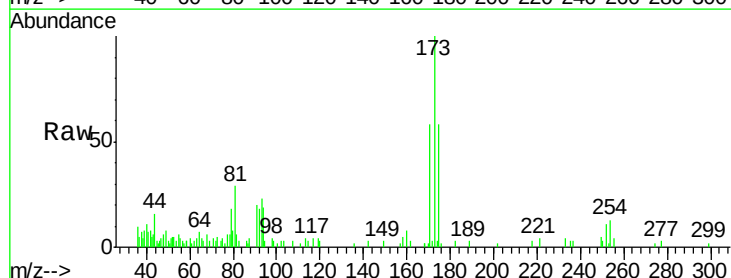
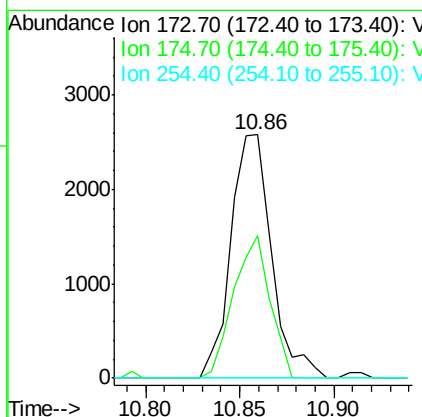
RT: 10.86 min Scan# 1592

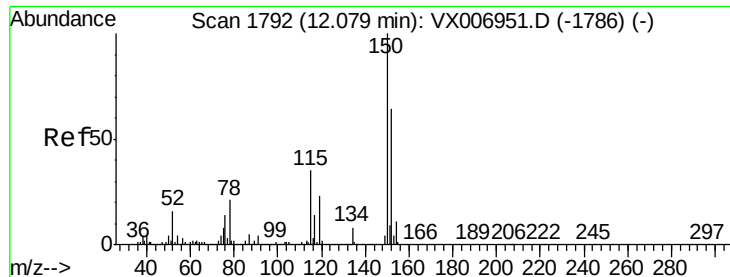
Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 3870 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 52.1  | 24.7  | 74.1 |
| 254       | 0.0   | 0.2   | 0.2# |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

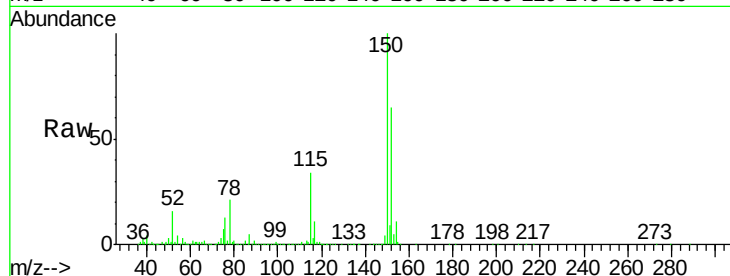
ClientSampleId :

VSTDIC001

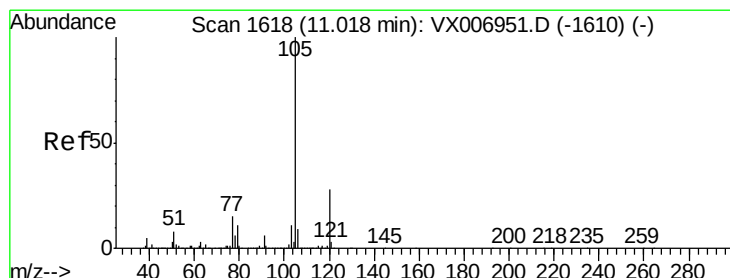
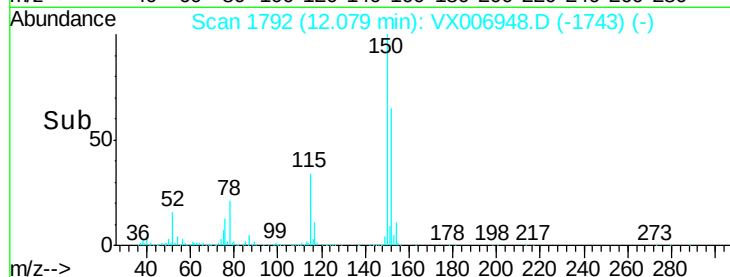
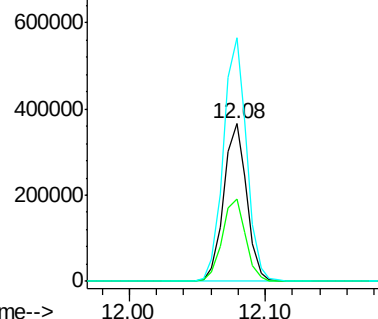
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 152   | Resp: | 434019 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 53.8  | 39.1  | 117.2  |
| 150      | 155.6 | 0.0   | 344.8  |

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Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.133 ug/l

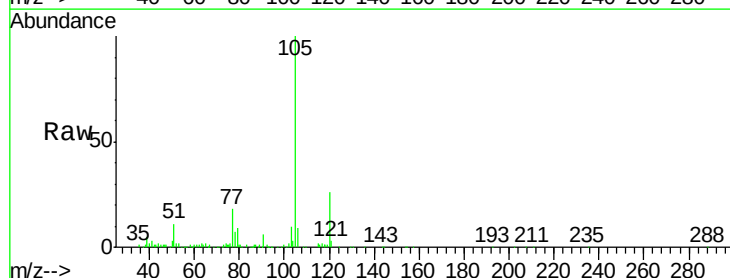
RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

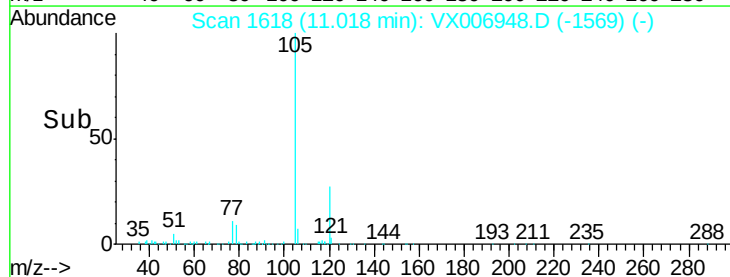
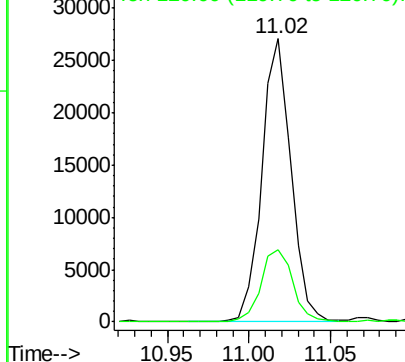
Lab File: VX006948.D

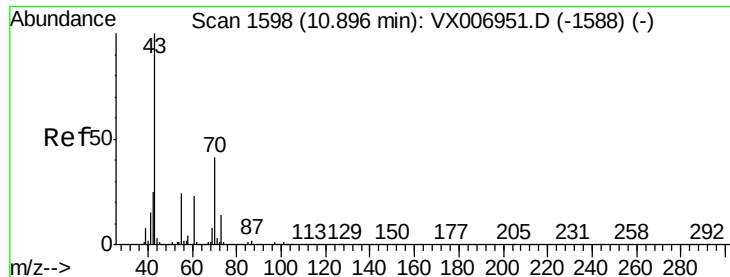
Acq: 08 Jan 2019 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 33634 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 28.1  | 14.1  | 42.4  |



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





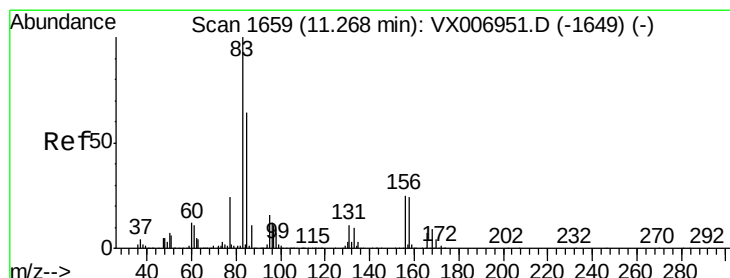
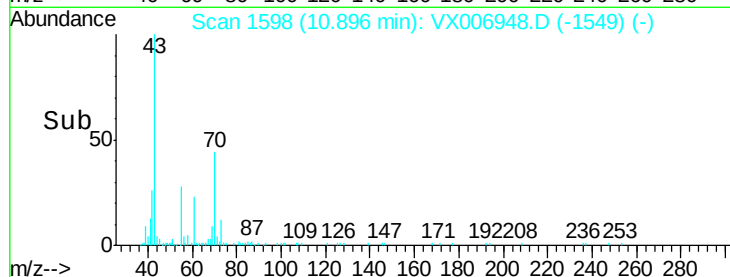
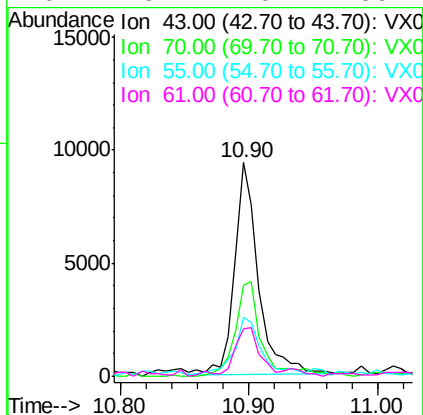
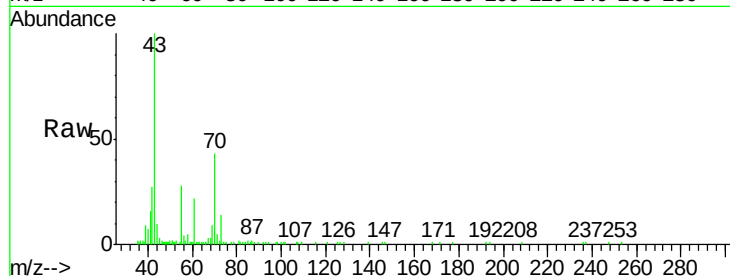
#74  
N-amvl acetate  
Concen: 1.154 ug/l  
RT: 10.90 min Scan# 1598  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 49.5  | 35.8  | 53.8  |
| 55      | 31.1  | 19.4  | 29.0  |
| 61      | 25.1  | 20.1  | 30.1  |

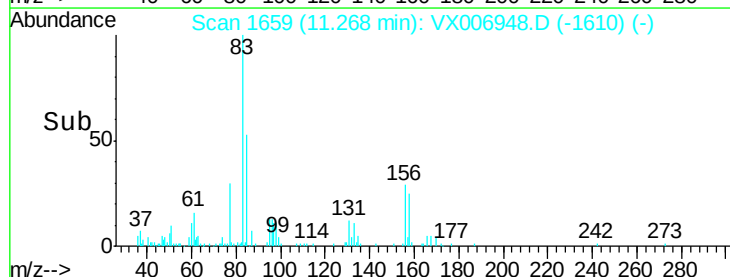
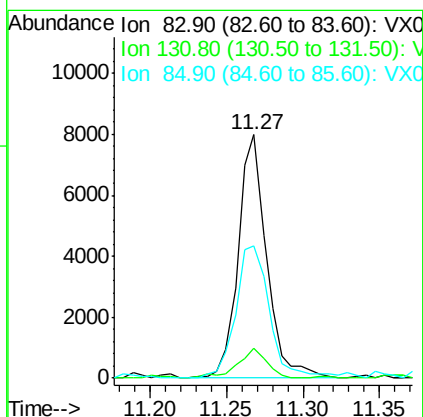
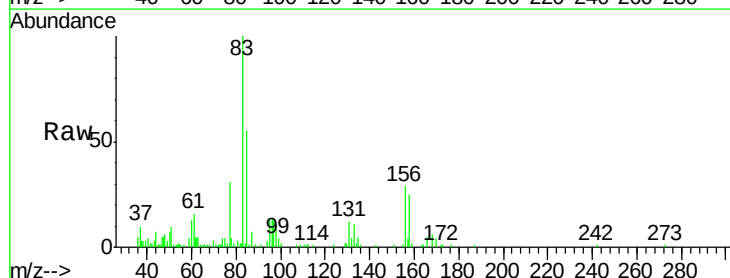
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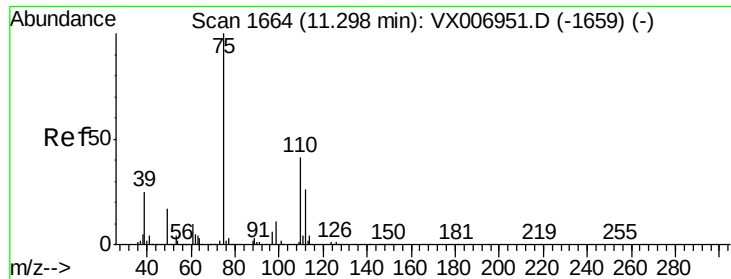


#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.169 ug/l  
RT: 11.27 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 12.4  | 5.7   | 17.1  |
| 85      | 65.8  | 32.2  | 96.6  |







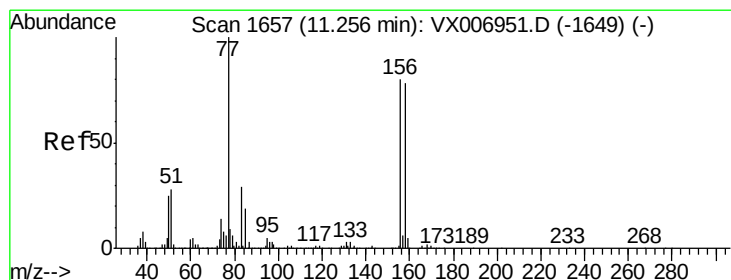
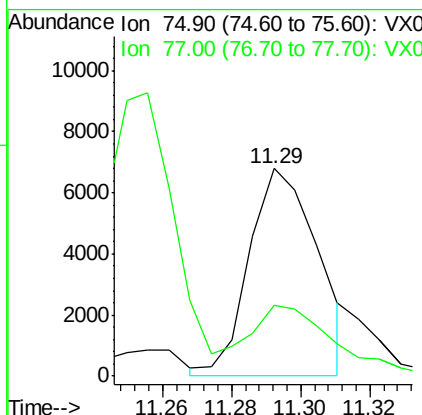
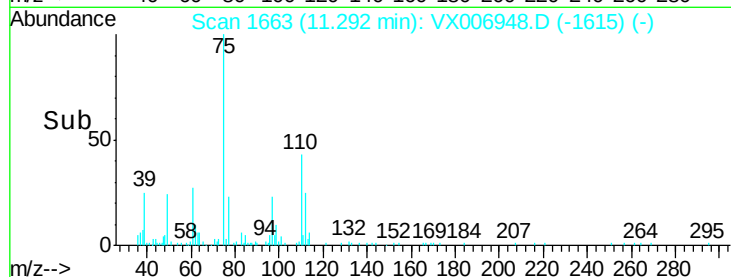
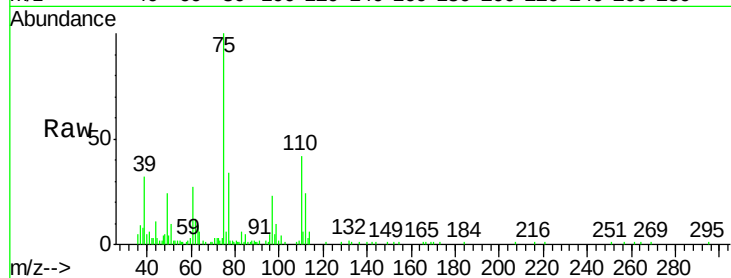
#76  
1,2,3-Trichloropropane  
Concen: 1.163 ug/l m  
RT: 11.29 min Scan# 1663  
Delta R.T. -0.01 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC001

Tot Ion: 75 Resp: 9382  
Ion Ratio Lower Upper  
75 100  
77 39.7 18.5 55.5

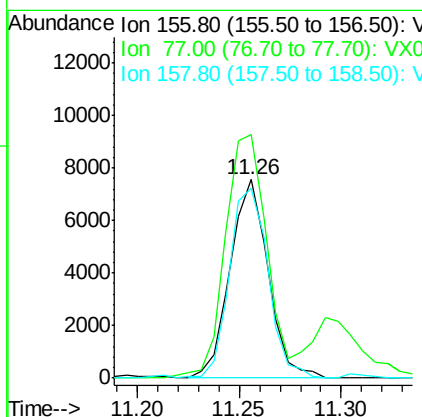
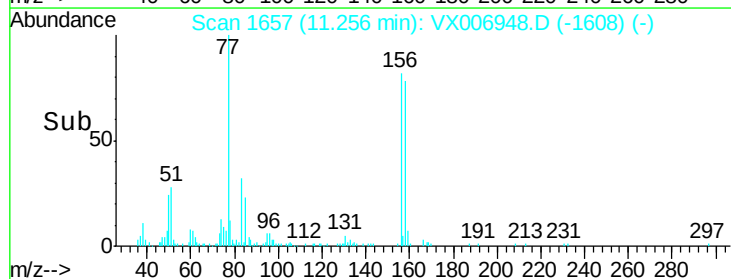
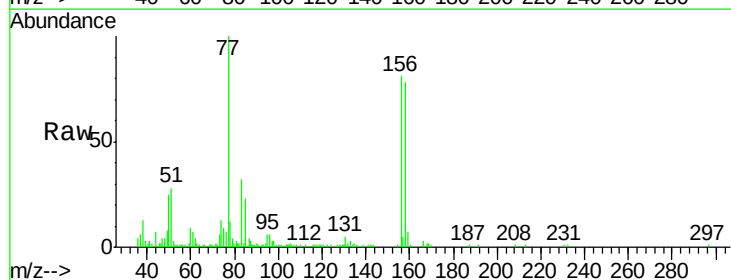
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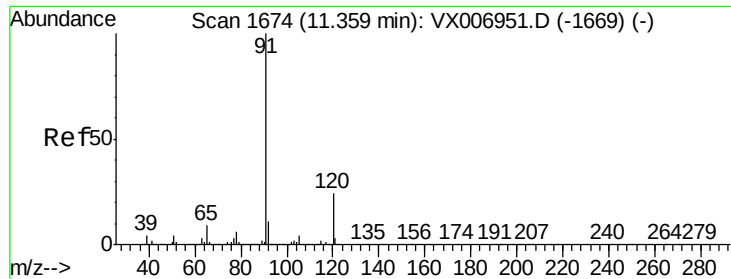
MMDadoda  
1/9/2019 10:24:48 AM



#77  
Bromobenzene  
Concen: 1.214 ug/l  
RT: 11.26 min Scan# 1657  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Tgt Ion: 156 Resp: 9743  
Ion Ratio Lower Upper  
156 100  
77 136.6 68.0 204.0  
158 97.1 48.3 144.8





#78

n-propylbenzene

Concen: 1.096 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 35832

Ion Ratio Lower Upper

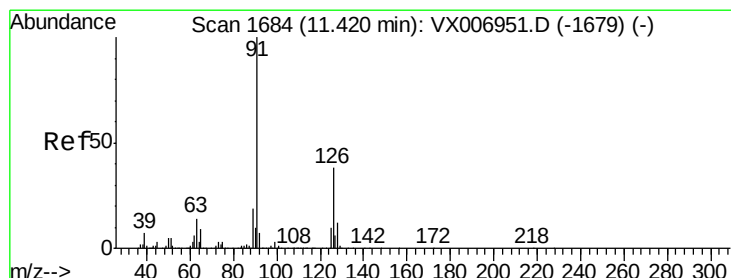
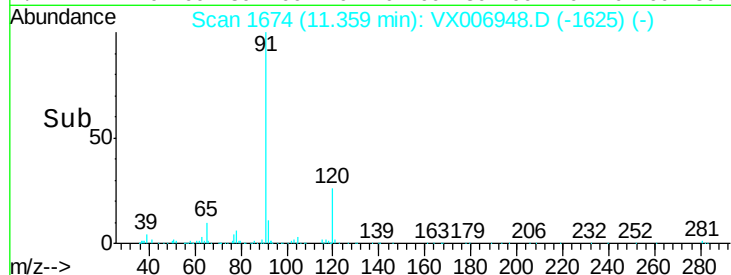
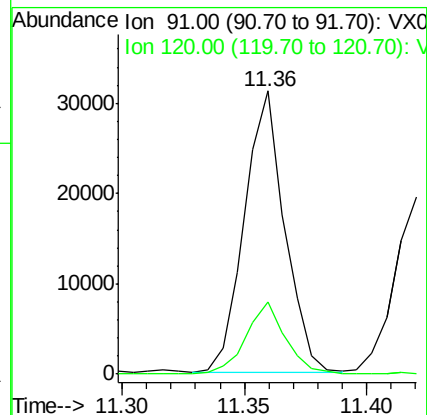
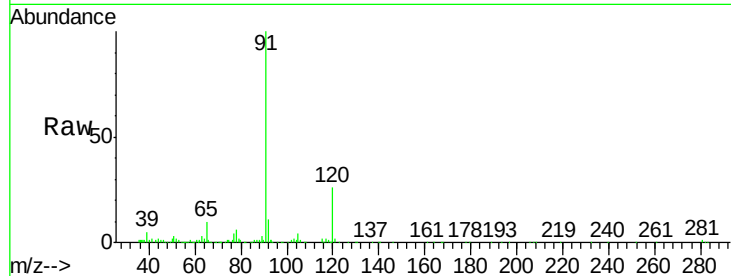
91 100

120 25.4 12.7 38.0

Manual Integrations  
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#79

2-Chlorotoluene

Concen: 1.203 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006948.D

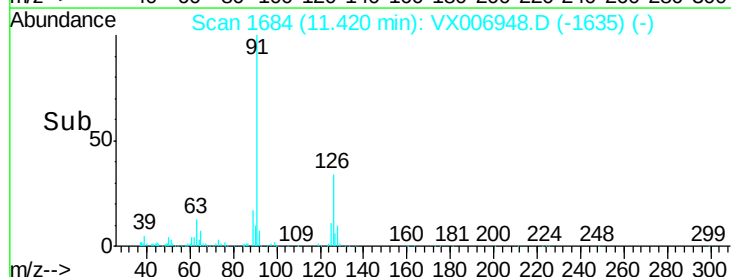
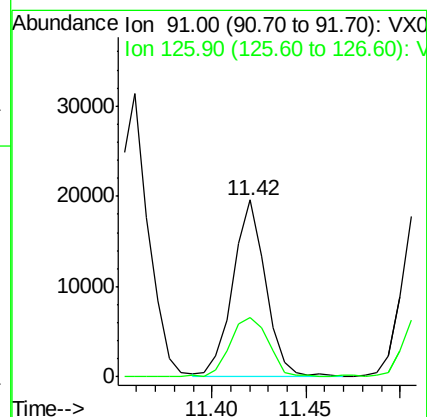
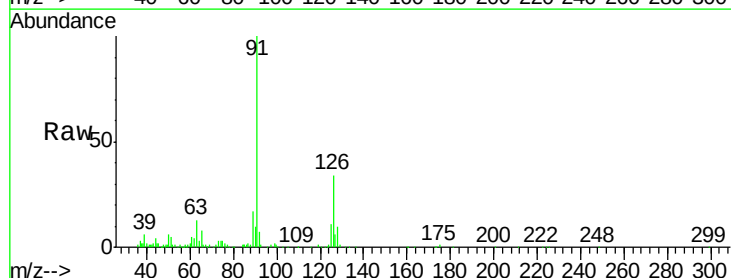
Acq: 08 Jan 2019 11:32

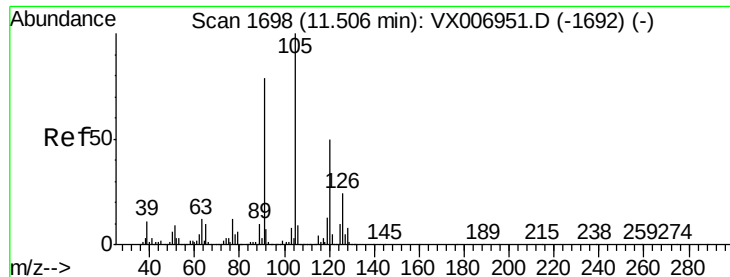
Tgt Ion: 91 Resp: 23846

Ion Ratio Lower Upper

91 100

126 39.4 18.6 56.0





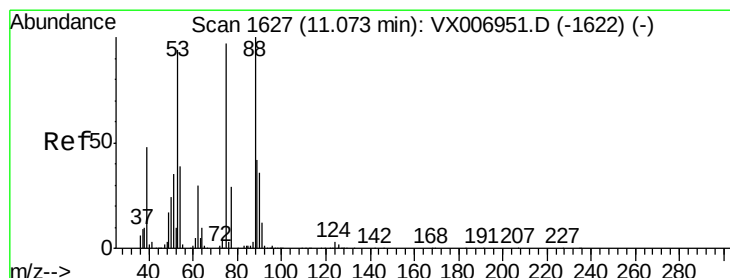
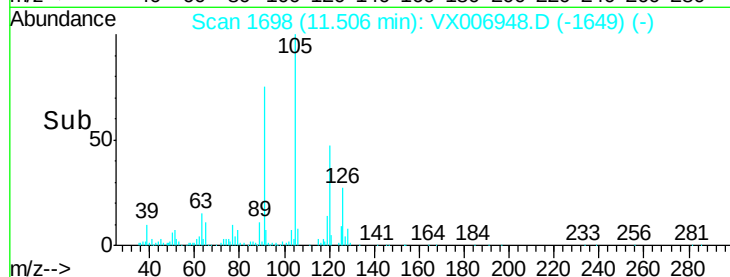
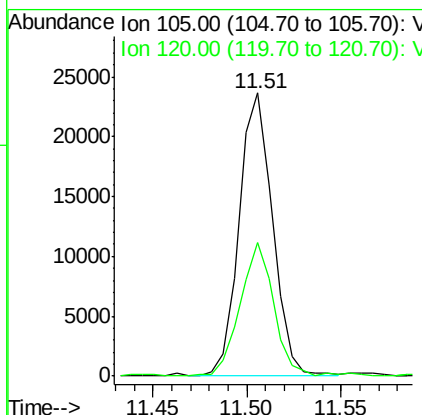
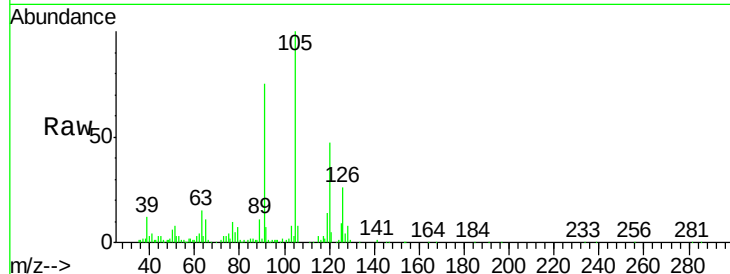
#80  
 1,3,5-Trimethylbenzene  
 Concen: 1.175 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX006948.D  
 Acq: 08 Jan 2019 11:32

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC001

Tot Ion:105 Resp: 28729  
 Ion Ratio Lower Upper  
 105 100  
 120 47.5 25.1 75.3

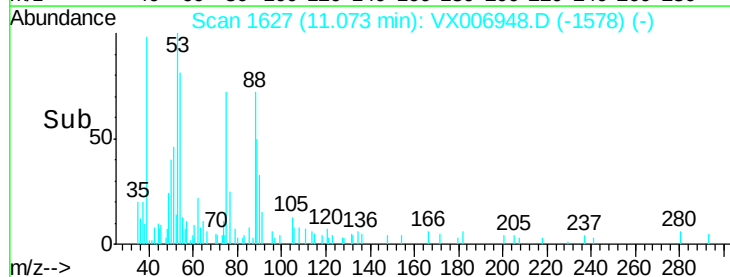
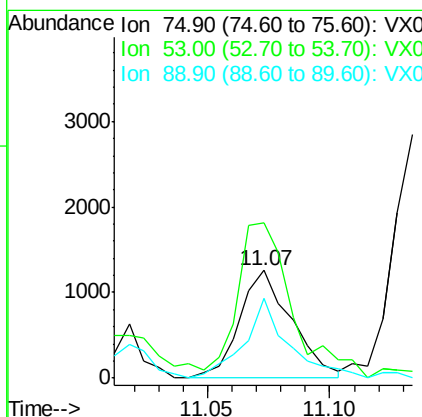
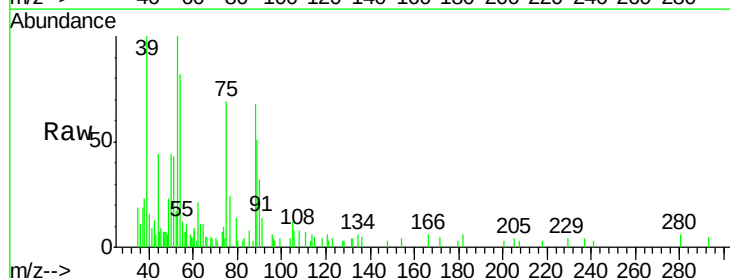
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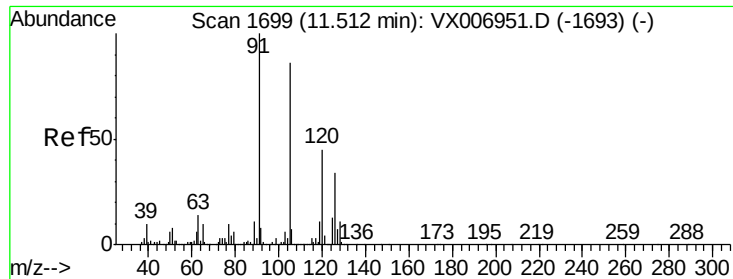
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#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 0.828 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. 0.00 min  
 Lab File: VX006948.D  
 Acq: 08 Jan 2019 11:32

Tgt Ion: 75 Resp: 1864  
 Ion Ratio Lower Upper  
 75 100  
 53 151.9 79.7 119.5#  
 89 63.2 38.0 57.0#





#82

4-Chlorotoluene

Concen: 1.125 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 25576

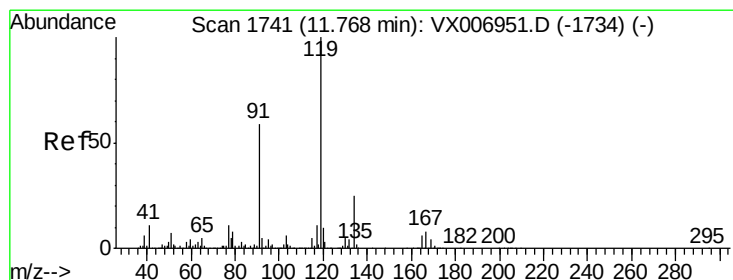
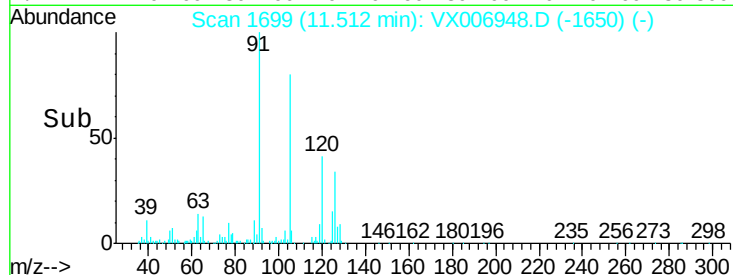
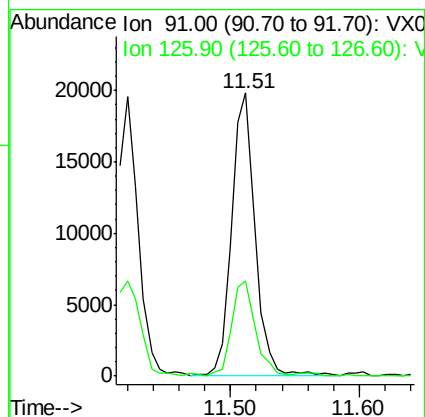
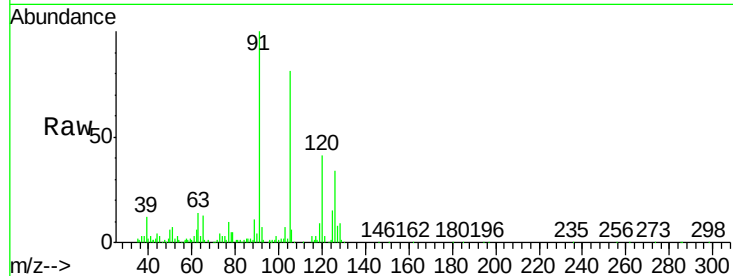
Ion Ratio Lower Upper

91 100

126 34.2 16.3 48.9

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#83

tert-Butylbenzene

Concen: 1.132 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

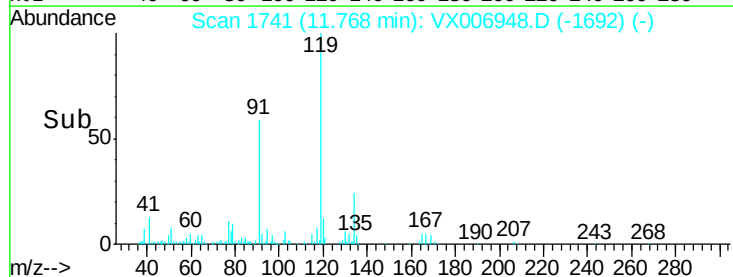
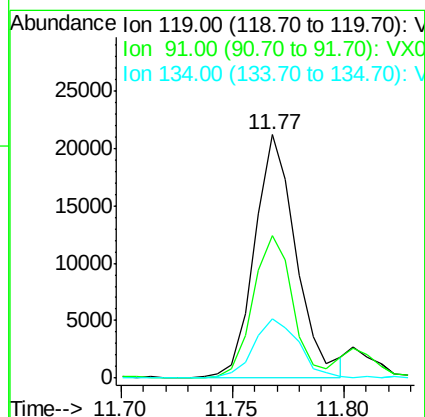
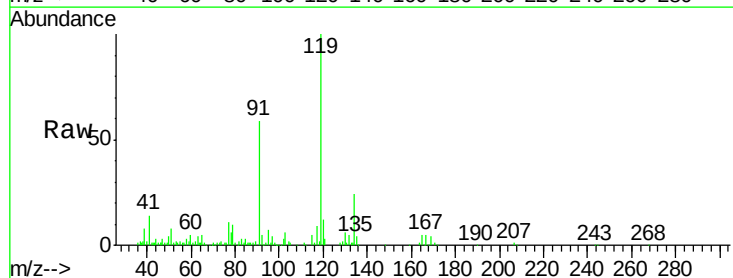
Tgt Ion: 119 Resp: 27720

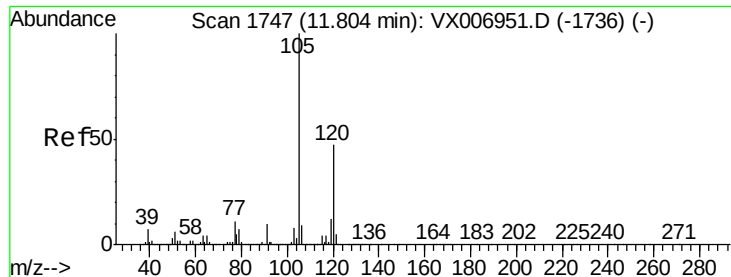
Ion Ratio Lower Upper

119 100

91 55.8 27.7 83.1

134 26.2 11.9 35.5





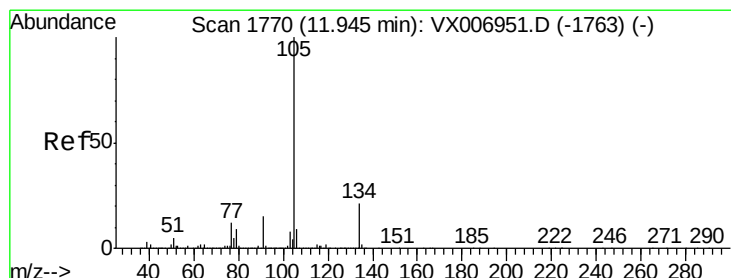
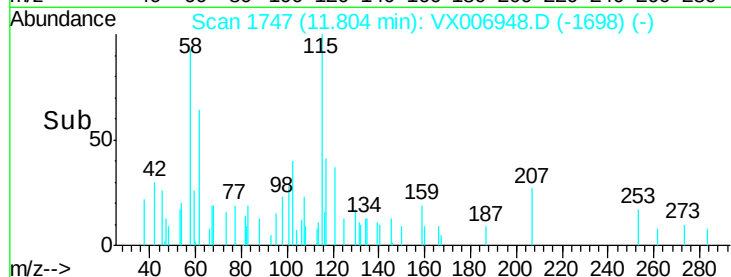
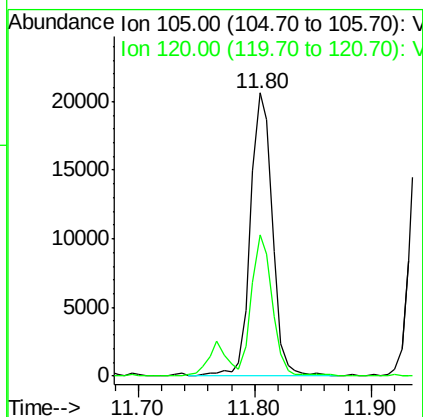
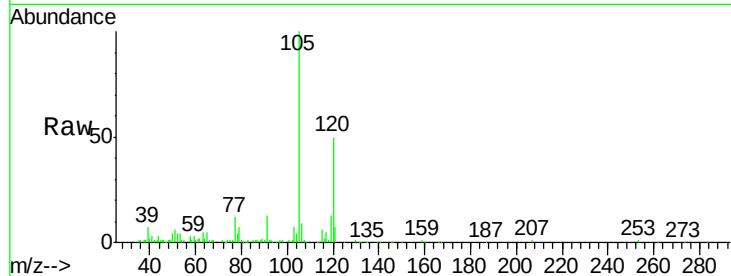
#84  
1,2,4-Trimethylbenzene  
Concen: 1.063 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.4  | 23.2  | 69.6  |

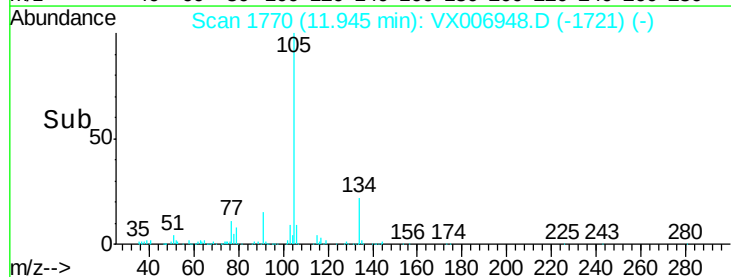
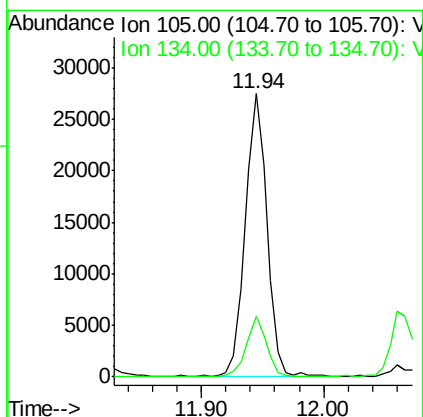
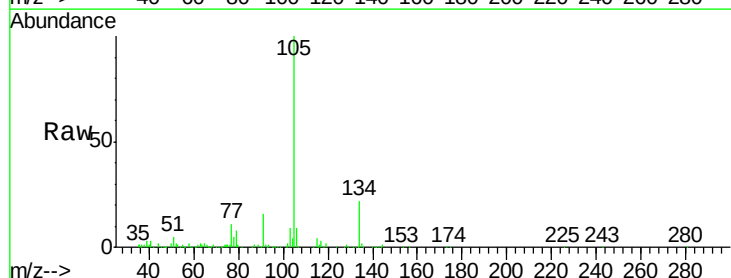
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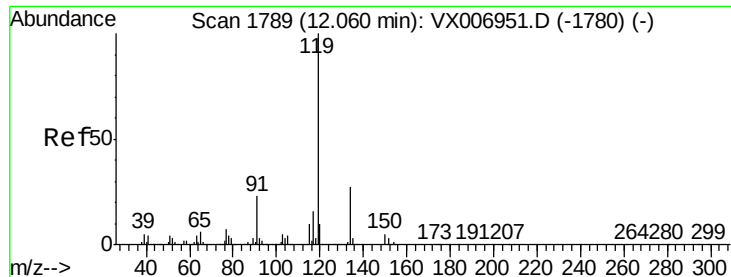
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#85  
sec-Butylbenzene  
Concen: 1.130 ug/l  
RT: 11.94 min Scan# 1770  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.1  | 10.7  | 31.9  |





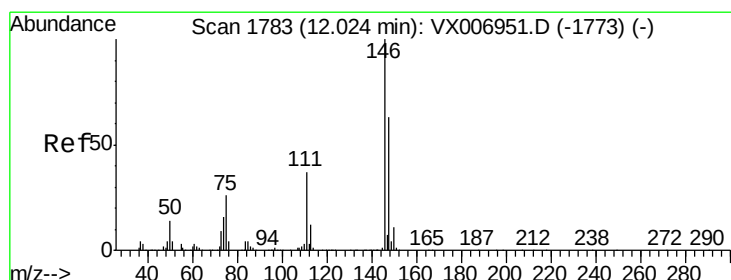
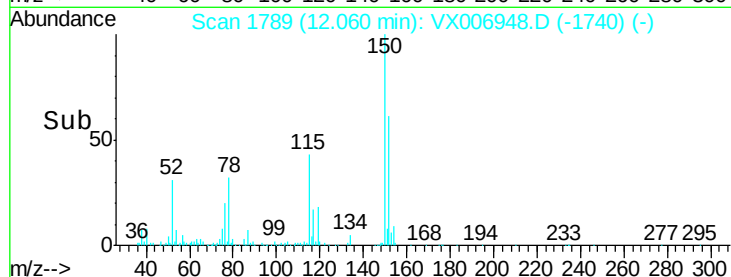
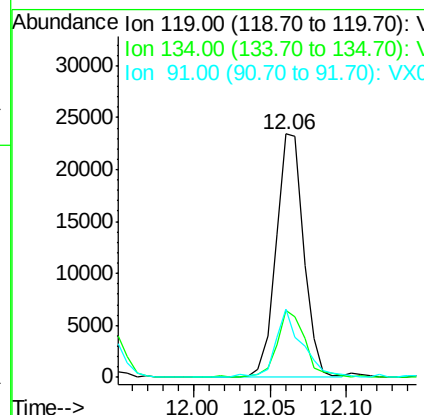
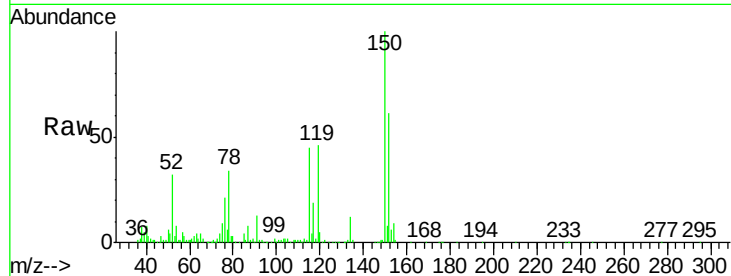
#86  
 p-Isopropyltoluene  
 Concen: 1.123 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VX006948.D  
 Acq: 08 Jan 2019 11:32

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC001

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 119     | 100   | 29622 |       |       |
| 134     | 27.9  | 14.0  | 41.9  |       |
| 91      | 27.3  | 11.3  | 33.9  |       |

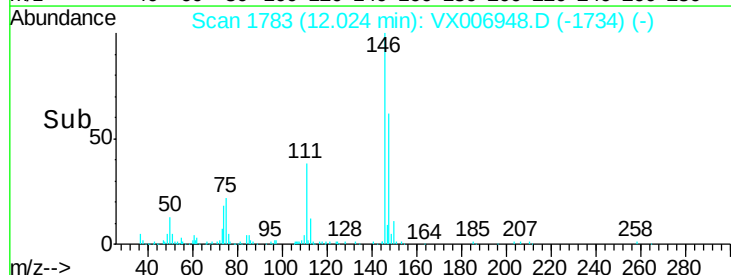
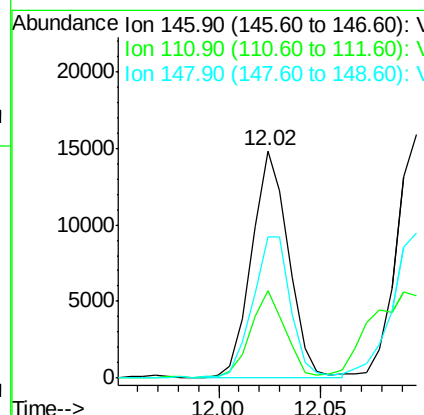
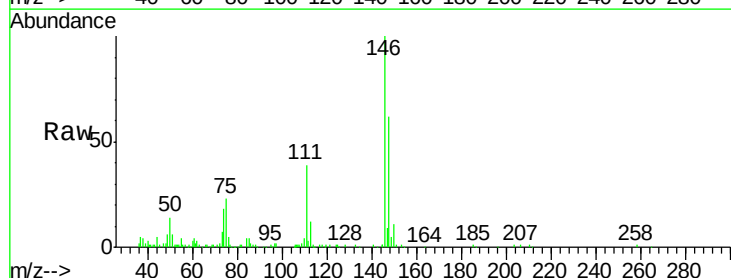
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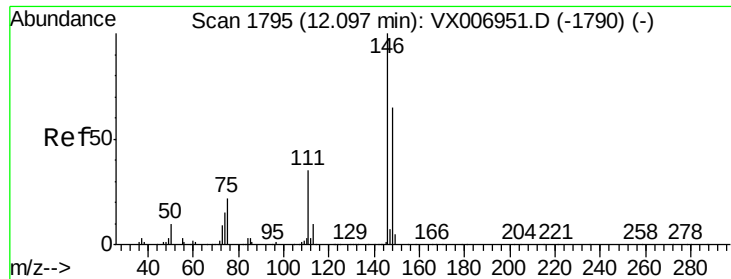
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#87  
 1,3-Dichlorobenzene  
 Concen: 1.291 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX006948.D  
 Acq: 08 Jan 2019 11:32

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 146     | 100   | 18673 |       |       |
| 111     | 36.5  | 18.6  | 55.8  |       |
| 148     | 64.0  | 31.8  | 95.3  |       |





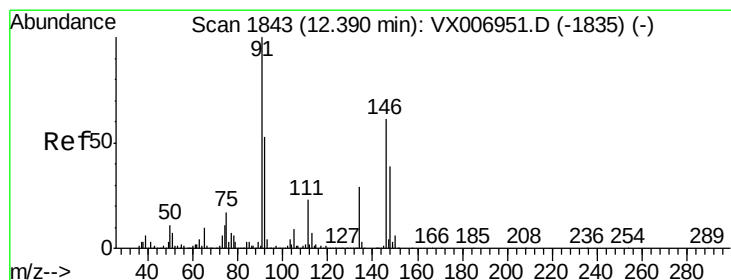
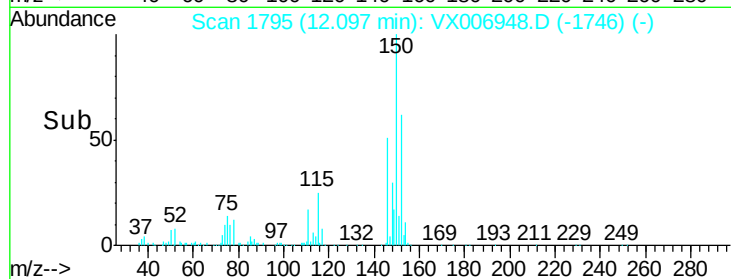
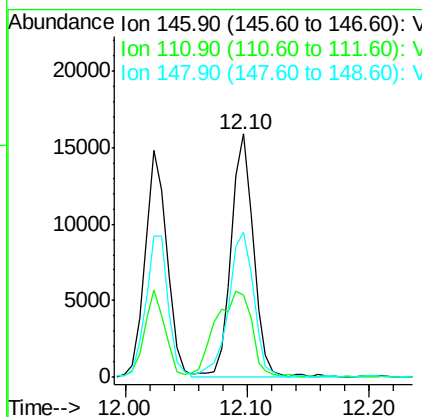
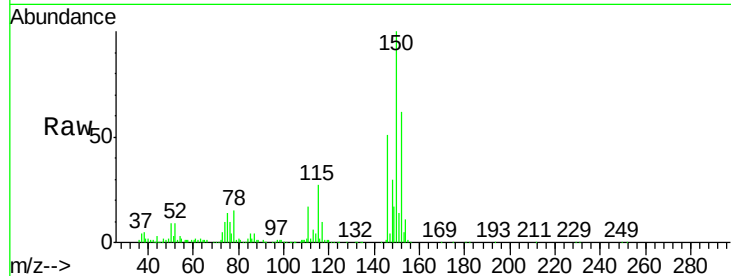
#88  
 1,4-Dichlorobenzene  
 Concen: 1.362 ug/l m  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX006948.D  
 Acq: 08 Jan 2019 11:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 33.7  | 18.1  | 54.1  |
| 148     | 59.1  | 31.9  | 95.9  |

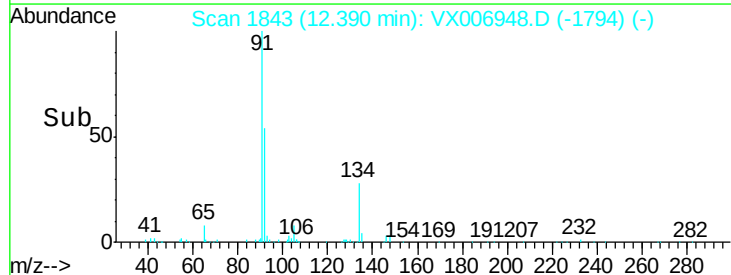
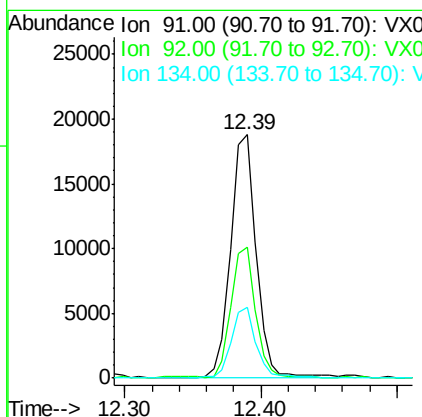
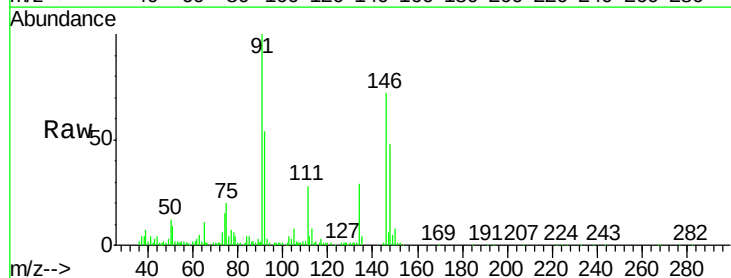
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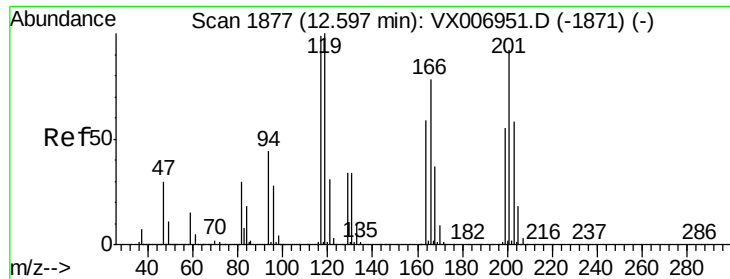
MMDadoda  
 1/9/2019 10:24:48 AM



#89  
 n-Butylbenzene  
 Concen: 1.101 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX006948.D  
 Acq: 08 Jan 2019 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 50.7  | 26.8  | 80.4  |
| 134     | 28.8  | 14.4  | 43.2  |





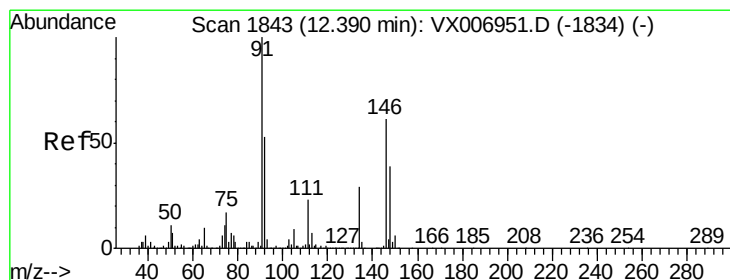
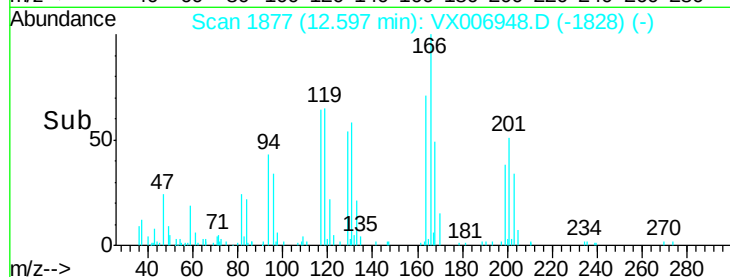
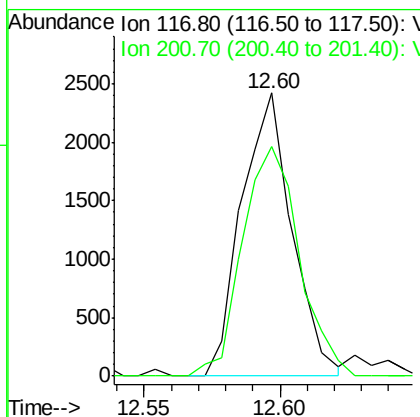
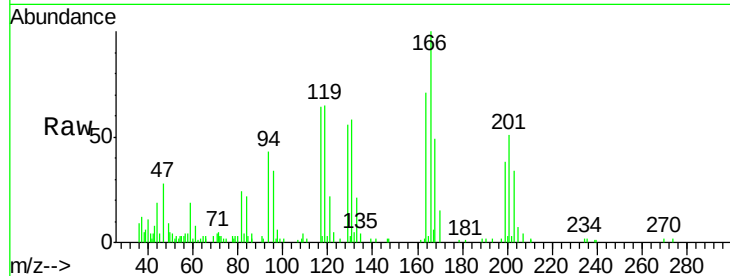
#90  
Hexachloroethane  
Concen: 0.863 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC001

Tot Ion:117 Resp: 3103  
Ion Ratio Lower Upper  
117 100  
201 91.4 42.9 128.7

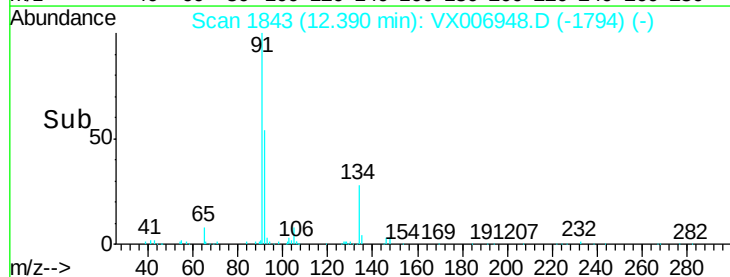
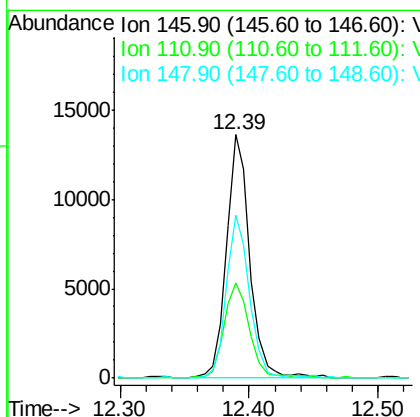
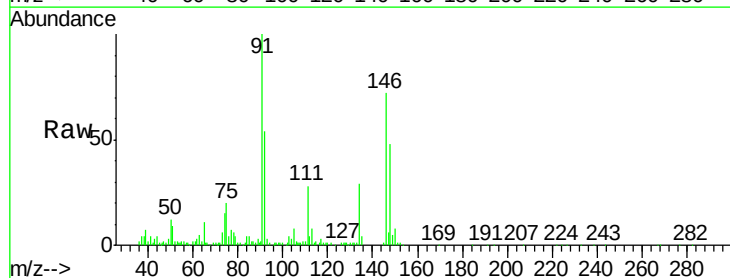
Manual Integrations  
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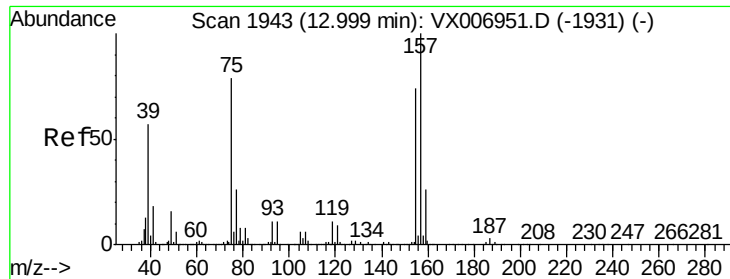


#91  
1,2-Dichlorobenzene  
Concen: 1.206 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: VX006948.D  
Acq: 08 Jan 2019 11:32

Tgt Ion:146 Resp: 17456  
Ion Ratio Lower Upper  
146 100  
111 43.0 19.4 58.2  
148 66.0 32.3 96.9







#92

1,2-Dibromo-3-Chloropropane

Concen: 1.029 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

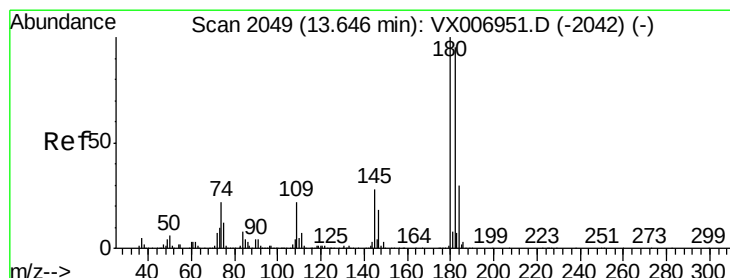
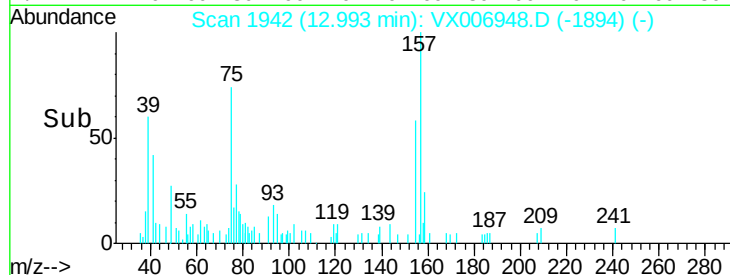
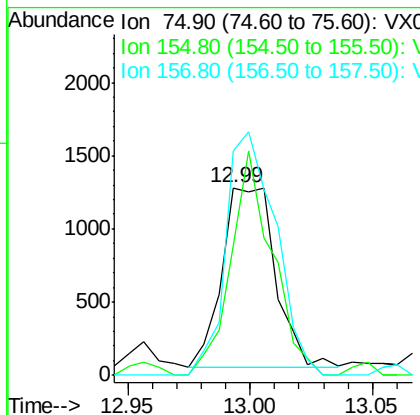
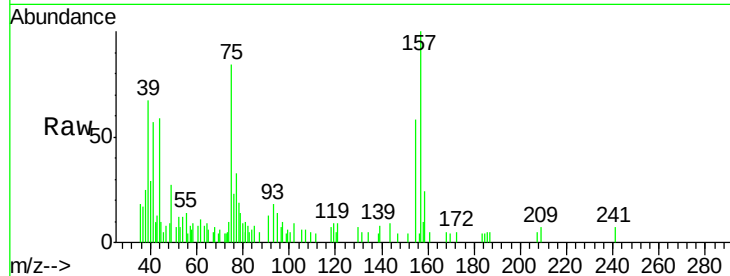
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 1880  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 95.9  | 50.6  | 151.8 |
| 157      | 125.4 | 64.6  | 193.8 |

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#93

1,2,4-Trichlorobenzene

Concen: 1.161 ug/l

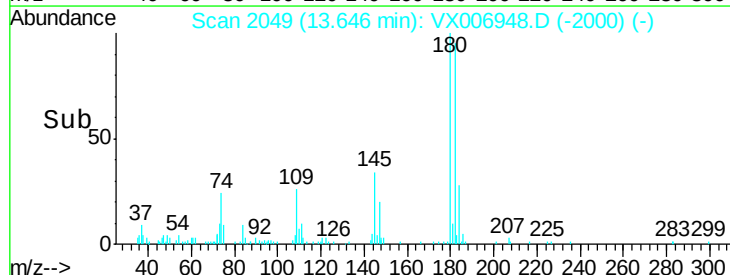
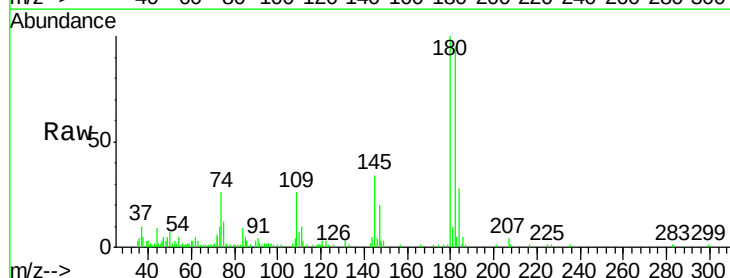
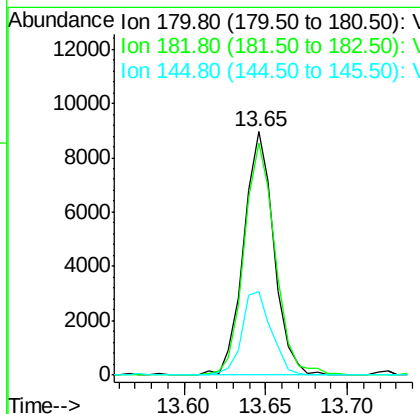
RT: 13.65 min Scan# 2049

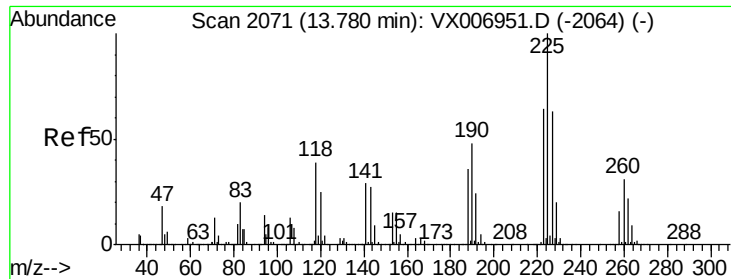
Delta R.T. 0.00 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 11590 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 98.3  | 47.3  | 142.0 |
| 145      | 33.4  | 14.8  | 44.3  |





#94

Hexachlorobutadiene

Concen: 1.130 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

Instrument :

MSVOA\_X

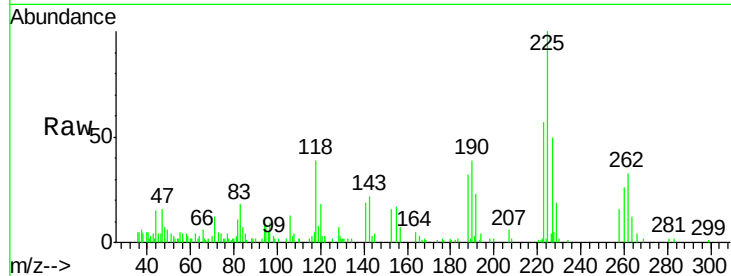
ClientSampled :

VSTDIC001

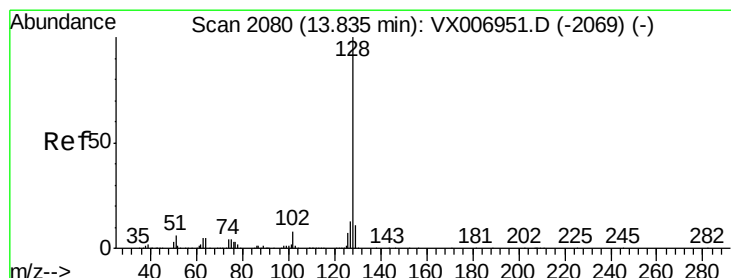
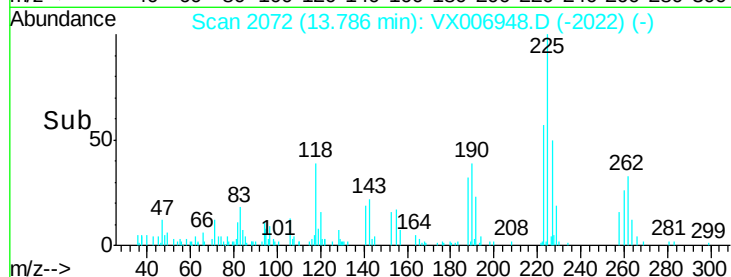
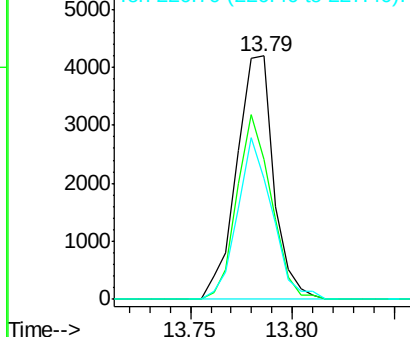
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 225   | Resp: | 5316 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 69.5  | 32.1  | 96.3 |
| 227       | 61.8  | 32.3  | 96.8 |

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Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.089 ug/l

RT: 13.83 min Scan# 2080

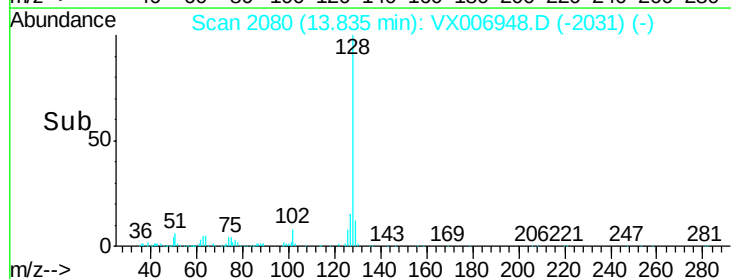
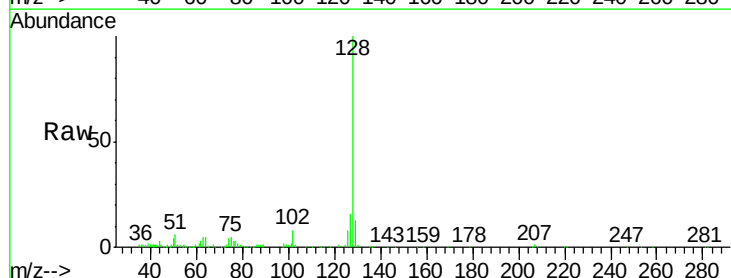
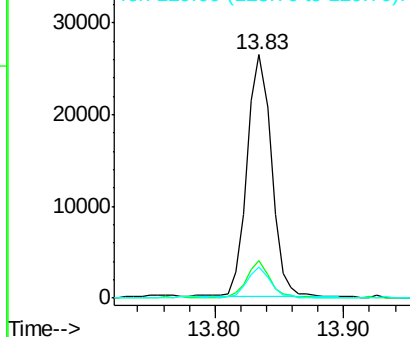
Delta R.T. 0.00 min

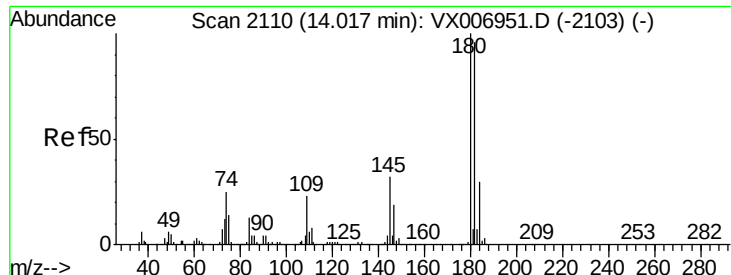
Lab File: VX006948.D

Acq: 08 Jan 2019 11:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 34682 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 15.0  | 10.1  | 15.1  |
| 129       | 12.2  | 8.6   | 13.0  |

Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V





#96  
 1,2,3-Trichlorobenzene  
 Concen: 1.141 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. 0.00 min  
 Lab File: VX006948.D  
 Acq: 08 Jan 2019 11:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 11759 |       |       |
| 182     | 95.5  |       | 48.5  | 145.5 |
| 145     | 33.1  |       | 16.0  | 47.9  |

Manual Integrations  
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