

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\  
 Data File : VX008950.D  
 Acq On : 15 Apr 2019 09:59  
 Operator : JC/SP  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

MMDadoda  
 4/16/2019 10:52:41 AM

Quant Time: Apr 16 01:50:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X041519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 16 01:38:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 268092   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 425767   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 374694   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 176354   | 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  | 3212  | 1.037 ug/l   | 87     |
| 3) Chloromethane              | 1.32 | 50  | 4980  | 1.183 ug/l # | 86     |
| 4) Vinyl Chloride             | 1.41 | 62  | 4616  | 1.130 ug/l   | 94     |
| 5) Bromomethane               | 1.64 | 94  | 2695  | 1.195 ug/l   | 100    |
| 6) Chloroethane               | 1.73 | 64  | 3251  | 1.197 ug/l   | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 5489  | 1.210 ug/l   | 99     |
| 8) Diethyl Ether              | 2.18 | 74  | 2653  | 1.242 ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 3674  | 1.264 ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 2.38 | 96  | 3769  | 1.239 ug/l # | 76     |
| 14) Allyl chloride            | 2.73 | 41  | 7858  | 1.132 ug/l # | 86     |
| 15) Acrylonitrile             | 3.14 | 53  | 13390 | 5.668 ug/l   | 97     |
| 16) Acetone                   | 2.44 | 43  | 13058 | 5.997 ug/l   | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 11112 | 1.138 ug/l   | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 6816  | 1.279 ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 13330 | 1.231 ug/l   | 98     |
| 20) Methylene Chloride        | 2.85 | 84  | 4649  | 1.264 ug/l   | 87     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 4004  | 1.215 ug/l   | 96     |
| 22) Diisopropyl ether         | 3.85 | 45  | 15941 | 1.194 ug/l # | 90     |
| 23) Vinyl Acetate             | 3.81 | 43  | 64298 | 5.527 ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 7731  | 1.171 ug/l   | 99     |
| 25) 2-Butanone                | 4.67 | 43  | 18415 | 5.325 ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 6015  | 1.283 ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 4508  | 1.195 ug/l   | 96     |
| 28) Bromochloromethane        | 5.02 | 49  | 3903  | 1.255 ug/l   | 98     |
| 29) Tetrahydrofuran           | 5.13 | 42  | 12667 | 5.498 ug/l   | 95     |
| 30) Chloroform                | 5.21 | 83  | 7030  | 1.189 ug/l   | 94     |
| 31) Cyclohexane               | 5.57 | 56  | 8187  | 1.236 ug/l   | 91     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 5929  | 1.238 ug/l # | 51     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 5835  | 1.275 ug/l   | 95     |
| 37) Ethyl Acetate             | 4.84 | 43  | 7020  | 1.153 ug/l # | 86     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 4817  | 1.269 ug/l   | 91     |
| 39) Methylcyclohexane         | 7.46 | 83  | 7236  | 1.278 ug/l   | 96     |
| 40) Benzene                   | 6.14 | 78  | 17225 | 1.263 ug/l   | 98     |
| 41) Methacrylonitrile         | 5.06 | 41  | 3979  | 1.134 ug/l # | 88     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041519\  
 Data File : VX008950.D  
 Acq On : 15 Apr 2019 09:59  
 Operator : JC/SP  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC001

Manual Integrations  
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 4/16/2019 10:52:41 AM

Quant Time: Apr 16 01:50:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X041519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 16 01:38:37 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 6284     | 1.286  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 6.44  | 43   | 11809    | 1.236  | ug/l   | 98       |
| 44) Trichloroethene            | 7.21  | 130  | 4346     | 1.361  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 4735     | 1.221  | ug/l   | 89       |
| 46) Dibromomethane             | 7.66  | 93   | 2860     | 1.267  | ug/l   | 95       |
| 47) Bromodichloromethane       | 7.89  | 83   | 5287     | 1.242  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 5608     | 1.163  | ug/l # | 94       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 2363     | 26.345 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 36991    | 6.025  | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 10458    | 1.301  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 5480     | 1.144  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 6370     | 1.168  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 3992     | 1.236  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 6710     | 1.153  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 7280     | 1.259  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 18333    | 6.108  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 28146    | 5.896  | ug/l   | 97       |
| 60) Dibromochloromethane       | 9.58  | 129  | 3629     | 1.190  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 4008     | 1.193  | ug/l   | 93       |
| 64) Tetrachloroethene          | 9.33  | 164  | 4115     | 1.489  | ug/l   | 95       |
| 65) Chlorobenzene              | 10.13 | 112  | 10795    | 1.322  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 3539     | 1.236  | ug/l # | 65       |
| 67) Ethyl Benzene              | 10.25 | 91   | 19689    | 1.297  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.35 | 106  | 13799    | 2.525  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 6738     | 1.272  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 11064    | 1.211  | ug/l   | 97       |
| 71) Bromoform                  | 10.85 | 173  | 2729     | 1.242  | ug/l # | 95       |
| 73) Isopropylbenzene           | 11.02 | 105  | 17793    | 1.246  | ug/l   | 95       |
| 74) N-amyl acetate             | 10.90 | 43   | 9614     | 1.145  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 6618     | 1.222  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 6097m    | 1.289  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 4521     | 1.310  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.36 | 91   | 20213    | 1.217  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 12642    | 1.258  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 14755    | 1.233  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 1964     | 1.135  | ug/l   | 88       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 14416    | 1.239  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 14142    | 1.227  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 14817    | 1.222  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 16896    | 1.234  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 15045    | 1.221  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 7800     | 1.263  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 8171m    | 1.304  | ug/l   |          |
| 89) n-Butylbenzene             | 12.39 | 91   | 14244    | 1.234  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 2480     | 1.212  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 7962     | 1.299  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 1496     | 1.252  | ug/l   | 82       |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 5402     | 1.256  | ug/l   | 99       |
| 94) Hexachlorobutadiene        | 13.78 | 225  | 2975     | 1.444  | ug/l   | 99       |
| 95) Naphthalene                | 13.83 | 128  | 15993    | 1.123  | ug/l   | 99       |

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Data File : VX008950.D  
Acq On : 15 Apr 2019 09:59  
Operator : JC/SP  
Sample : VSTDICC001  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Manual Integrations  
APPROVED

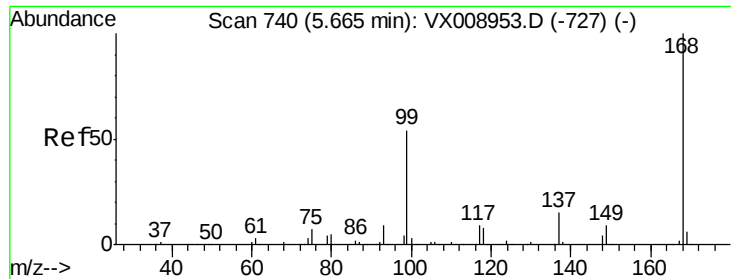
MMDadoda  
4/16/2019 10:52:41 AM

Quant Time: Apr 16 01:50:47 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X041519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 16 01:38:37 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 5199     | 1.213 | uq/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC001

Tot Ion:168 Resp: 268092

Ion Ratio Lower Upper

168 100

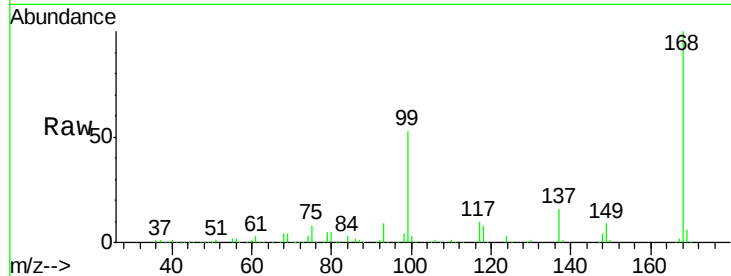
99 53.4 43.0 64.6

Manual Integrations

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4/16/2019 10:52:41 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

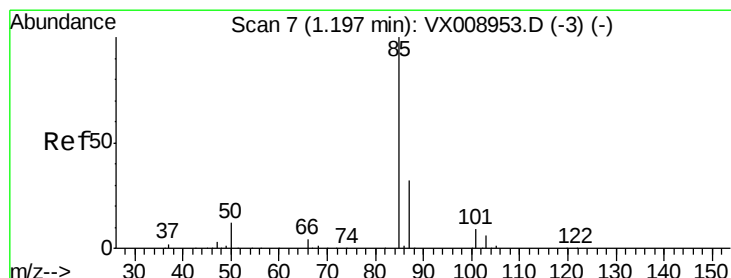
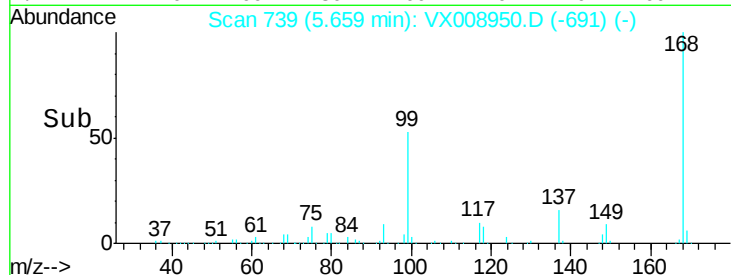
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.037 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008950.D

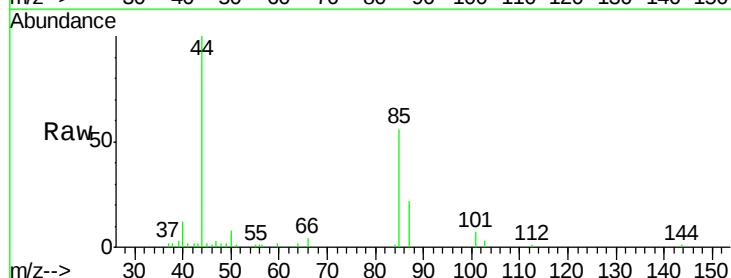
Acq: 15 Apr 2019 09:59

Tgt Ion: 85 Resp: 3212

Ion Ratio Lower Upper

85 100

87 38.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

3000

2500

2000

1500

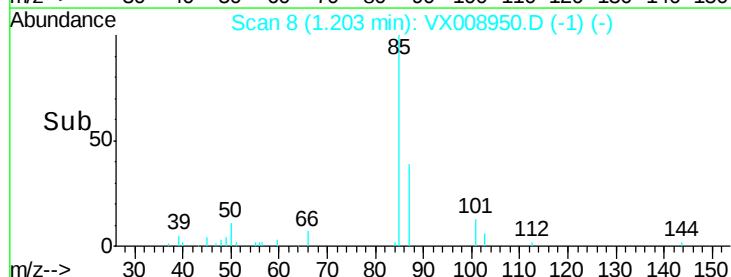
1000

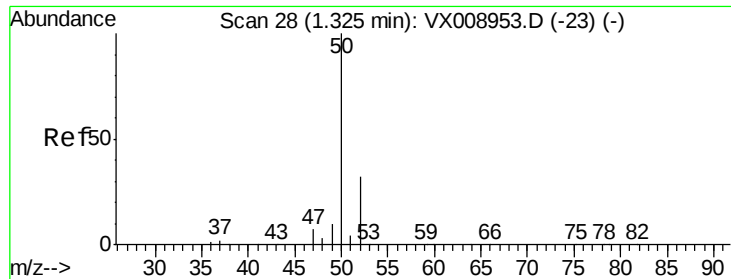
500

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 1.183 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4980

Ion Ratio Lower Upper

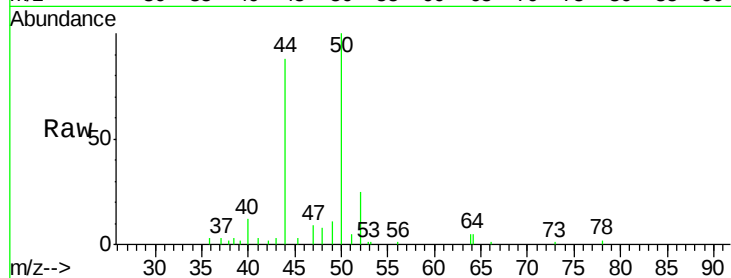
50 100

52 24.1 25.5 38.3#

Manual Integrations  
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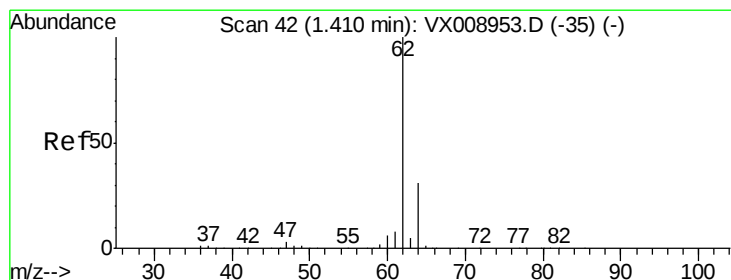
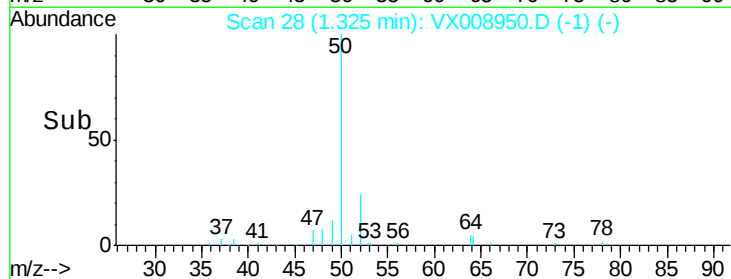
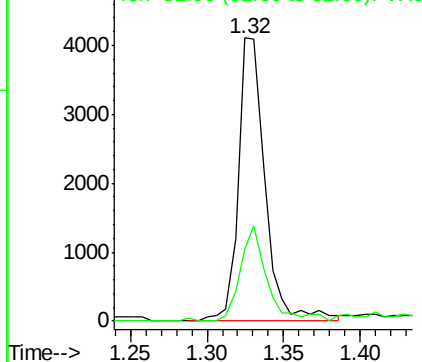
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.130 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008950.D

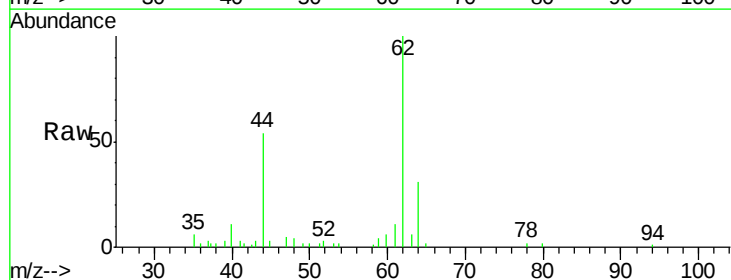
Acq: 15 Apr 2019 09:59

Tgt Ion: 62 Resp: 4616

Ion Ratio Lower Upper

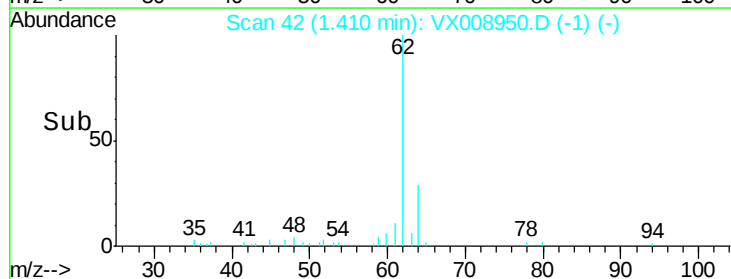
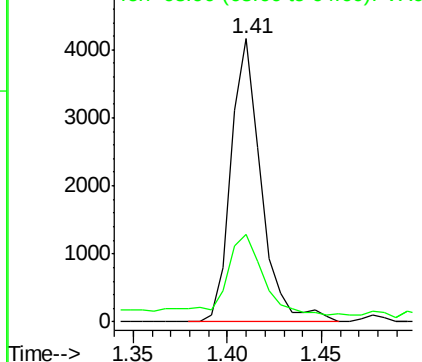
62 100

64 27.7 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.195 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 2695

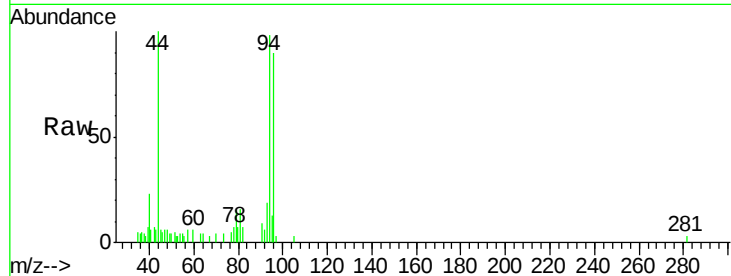
Ion Ratio Lower Upper

94 100

96 92.3 73.9 110.9

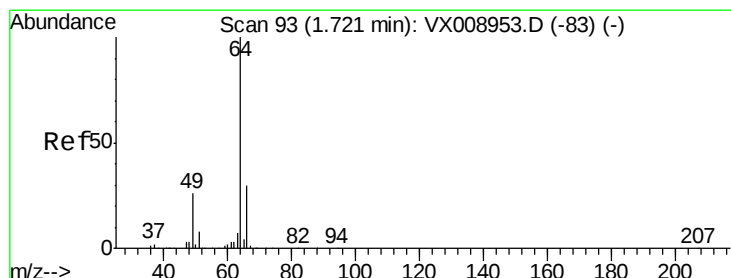
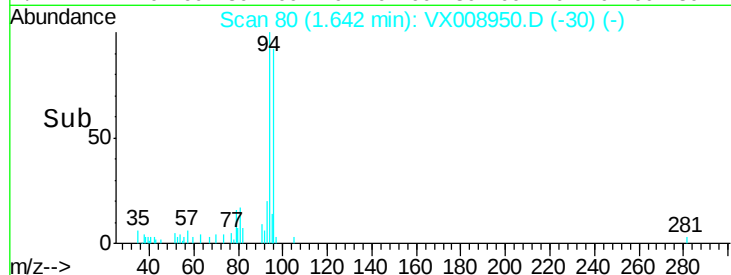
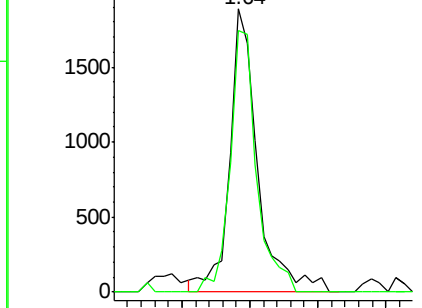
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.197 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.01 min

Lab File: VX008950.D

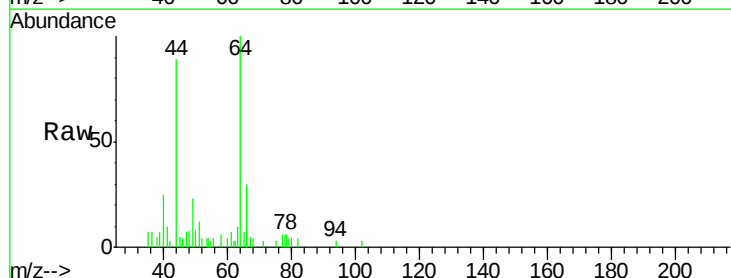
Acq: 15 Apr 2019 09:59

Tgt Ion: 64 Resp: 3251

Ion Ratio Lower Upper

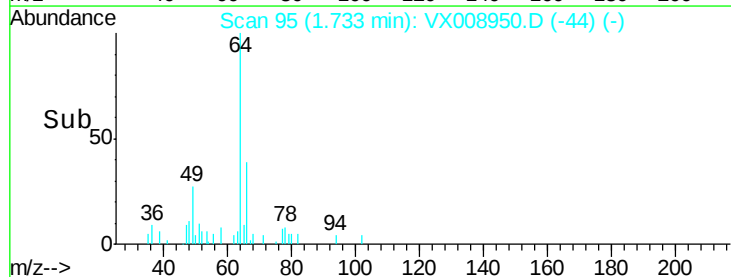
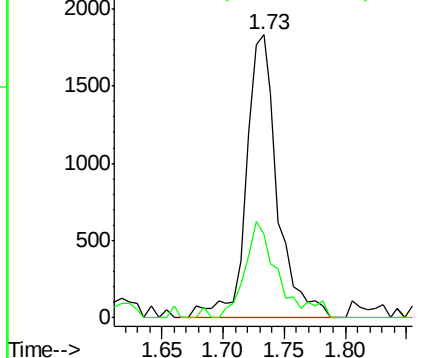
64 100

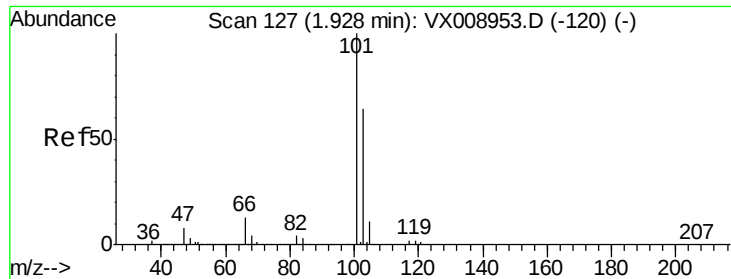
66 29.6 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

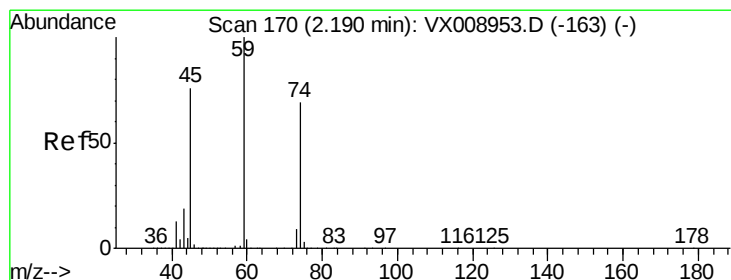
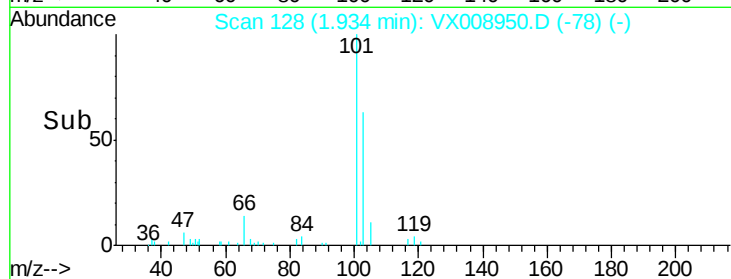
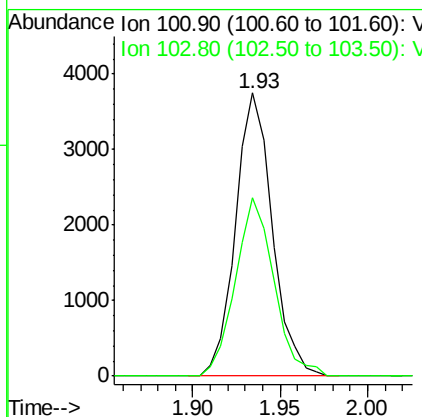
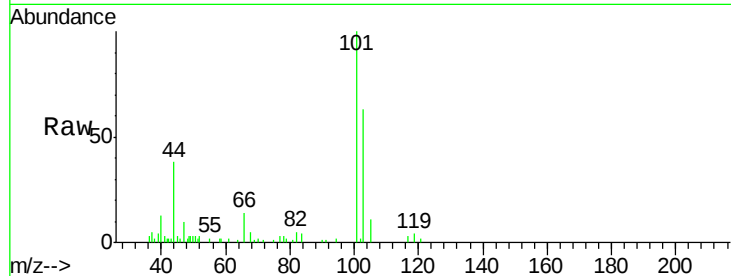
Trichlorofluoromethane  
 Concen: 1.210 ug/l  
 RT: 1.93 min Scan# 128  
 Delta R.T. 0.01 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.0  | 51.0  | 76.6  |

Manual Integrations  
 APPROVED

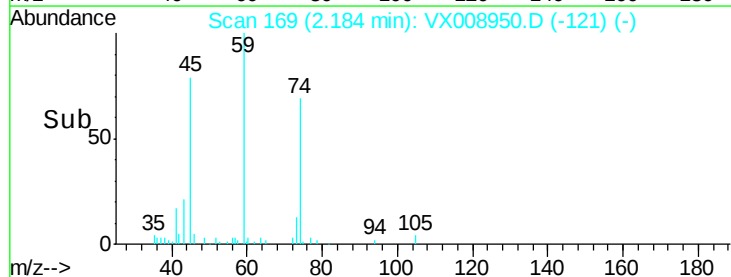
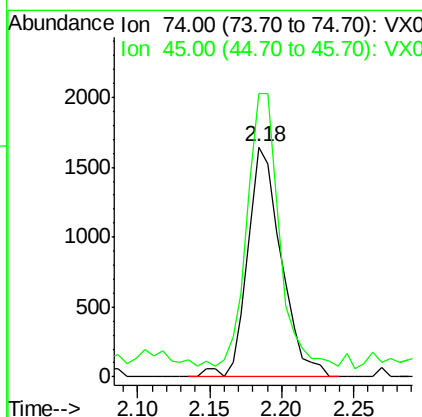
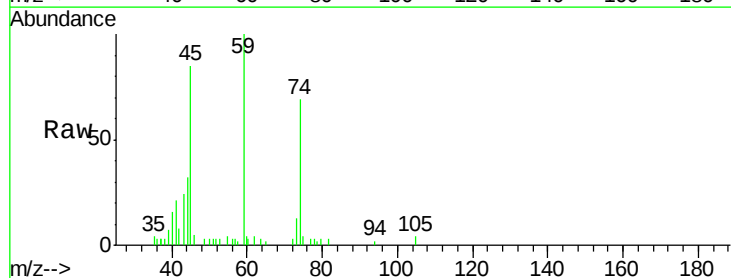
MMDadoda  
 4/16/2019 10:52:41 AM

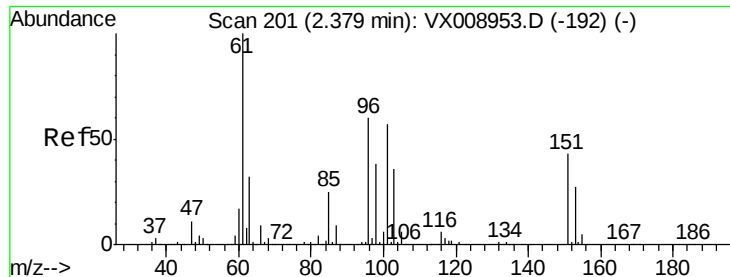


#8

Diethyl Ether  
 Concen: 1.242 ug/l  
 RT: 2.18 min Scan# 169  
 Delta R.T. -0.01 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 111.4 | 54.9  | 164.8 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.264 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

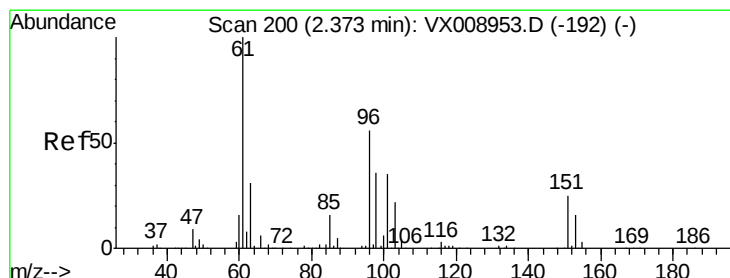
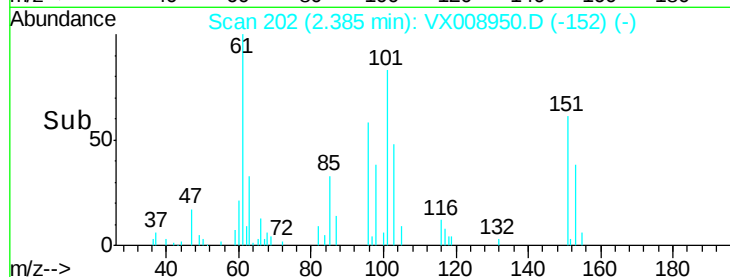
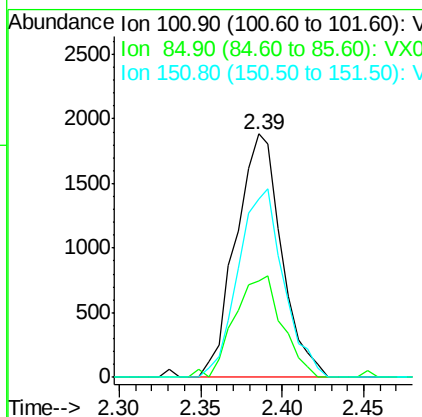
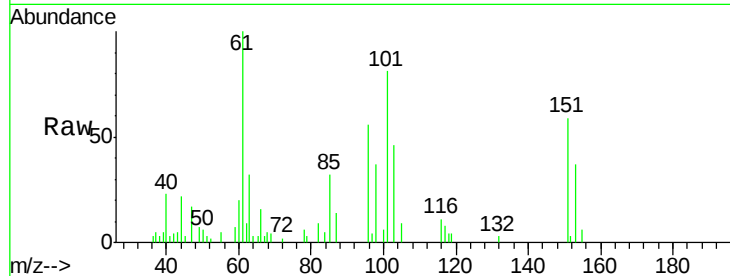
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 101   | Resp: | 3674  |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 43.4  | 35.7  | 53.5  |
| 151      | 76.9  | 62.7  | 94.1  |

Manual Integrations  
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MMDadoda  
4/16/2019 10:52:41 AM



#12

1,1-Dichloroethene

Concen: 1.239 ug/l

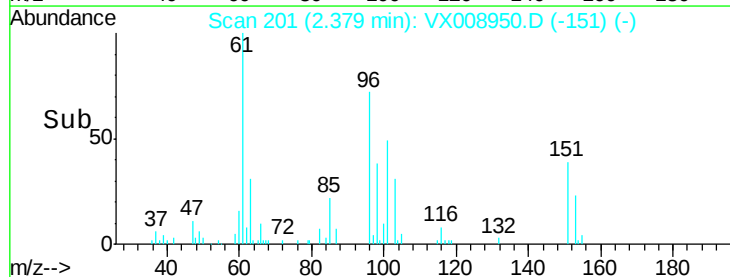
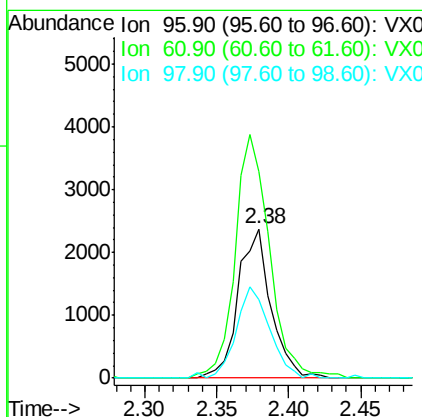
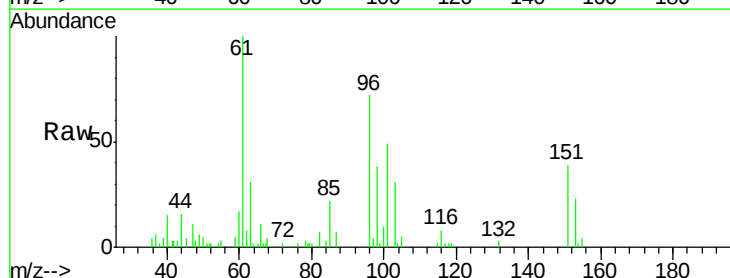
RT: 2.38 min Scan# 201

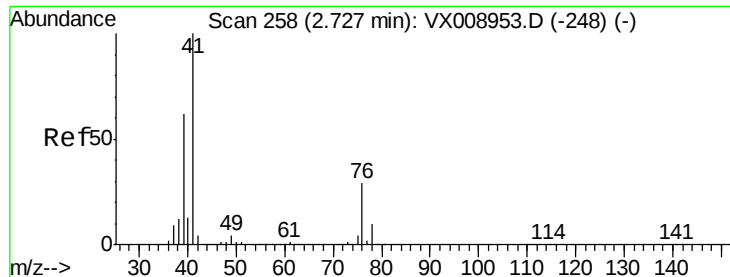
Delta R.T. 0.01 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 3769   |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 138.4 | 142.2 | 213.2# |
| 98       | 52.7  | 50.9  | 76.3   |





#14

Allvl chloride

Concen: 1.132 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

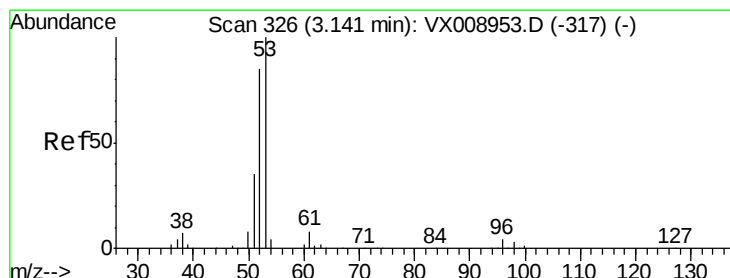
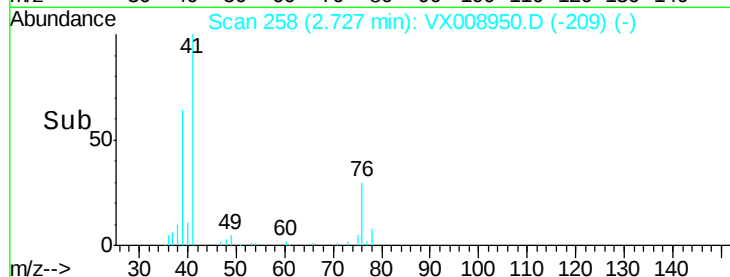
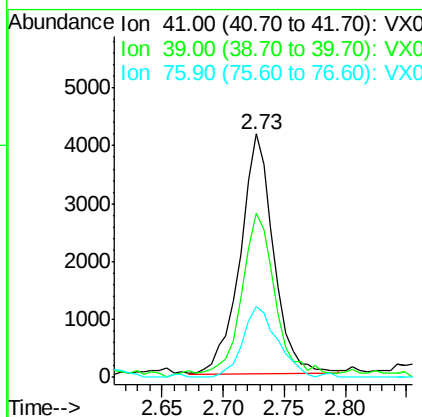
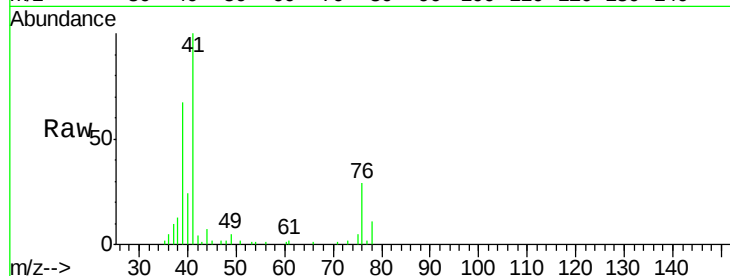
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 7858  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 71.3  | 46.7  | 70.1# |
| 76       | 30.7  | 22.0  | 33.0  |

Manual Integrations  
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MMDadoda  
4/16/2019 10:52:41 AM



#15

Acrylonitrile

Concen: 5.668 ug/l

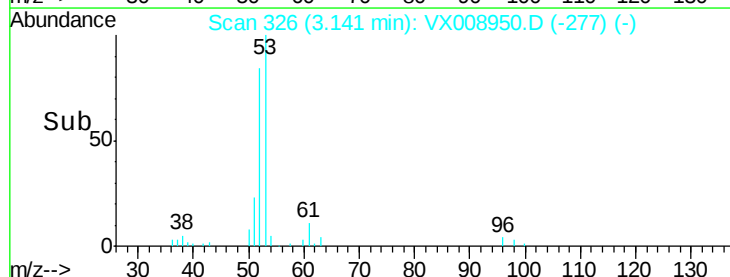
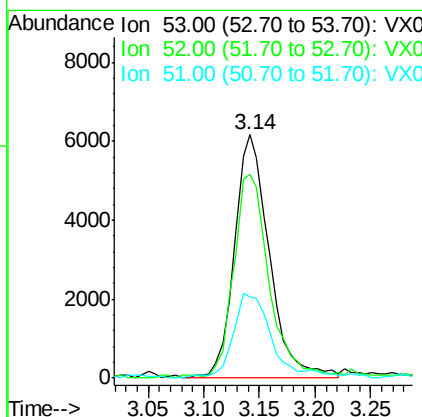
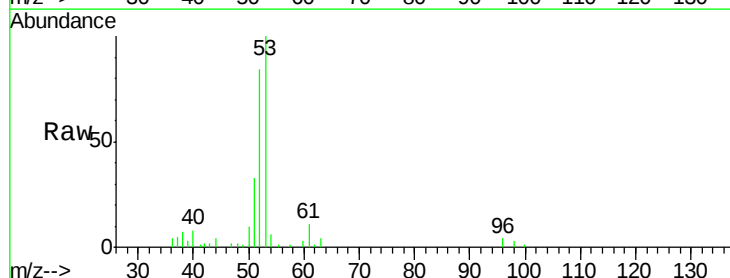
RT: 3.14 min Scan# 326

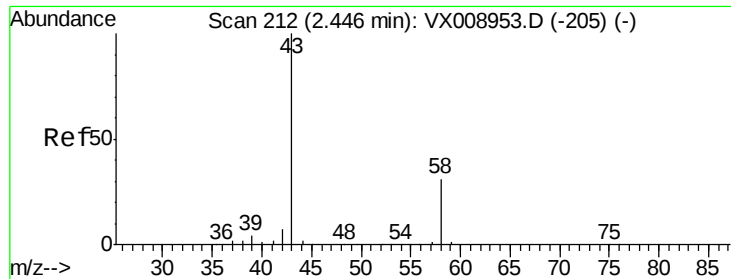
Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 13390 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 86.0  | 66.6  | 100.0 |
| 51       | 36.5  | 28.3  | 42.5  |





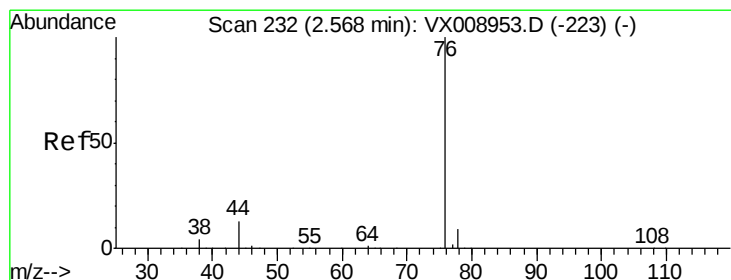
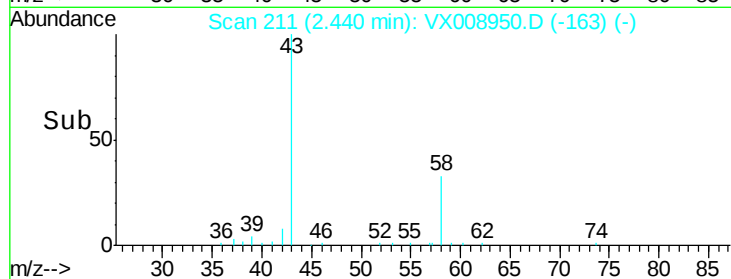
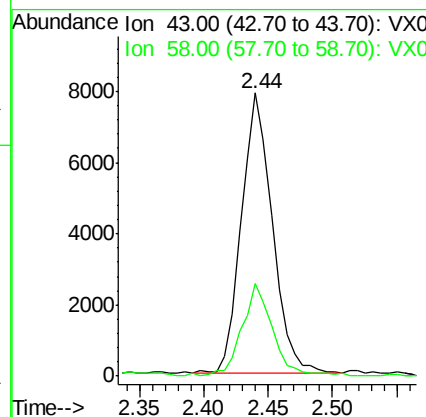
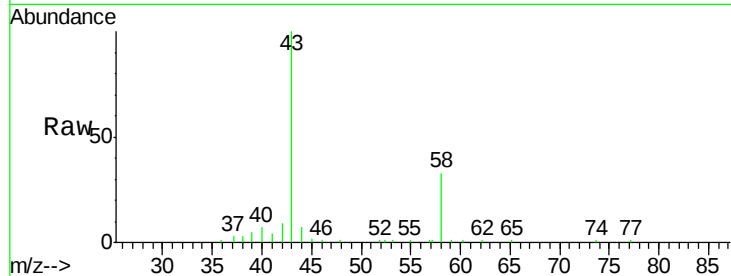
#16  
Acetone  
Concen: 5.997 ug/l  
RT: 2.44 min Scan# 211  
Delta R.T. -0.01 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tot Ion: 43 Resp: 13058  
Ion Ratio Lower Upper  
43 100  
58 32.0 24.8 37.2

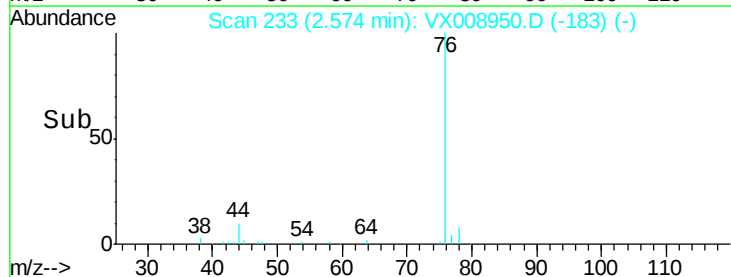
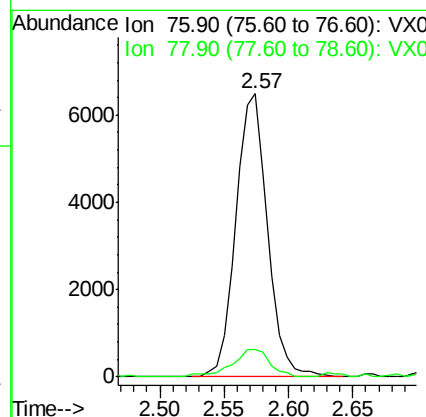
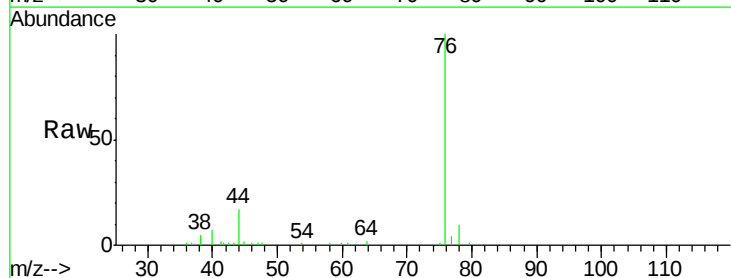
Manual Integrations  
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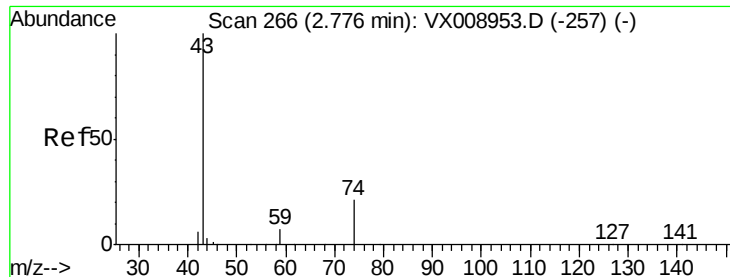
MMDadoda  
4/16/2019 10:52:41 AM



#17  
Carbon Disulfide  
Concen: 1.138 ug/l  
RT: 2.57 min Scan# 233  
Delta R.T. 0.01 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Tgt Ion: 76 Resp: 11112  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.2 10.8





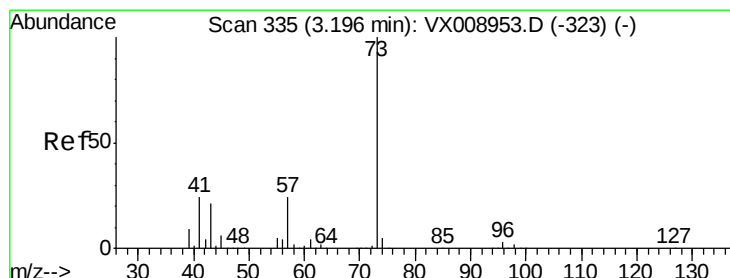
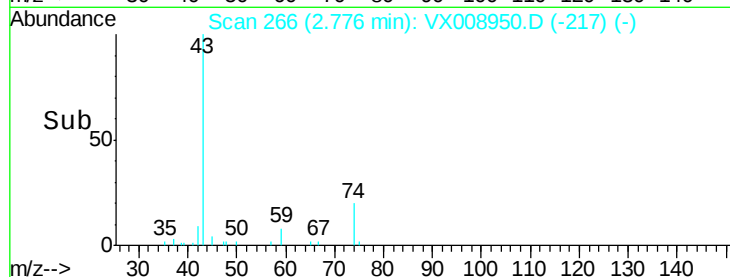
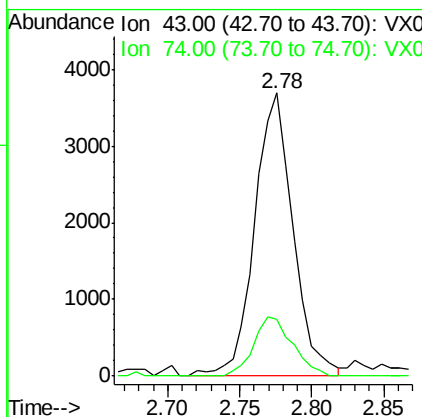
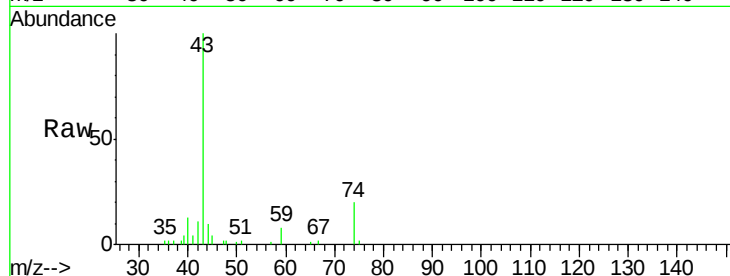
#18  
Methyl Acetate  
Concen: 1.279 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tot Ion: 43 Resp: 6816  
Ion Ratio Lower Upper  
43 100  
74 21.1 16.6 25.0

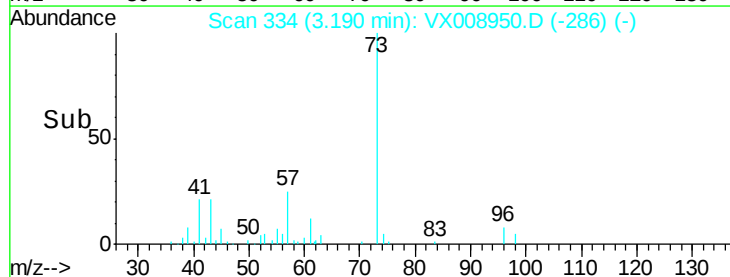
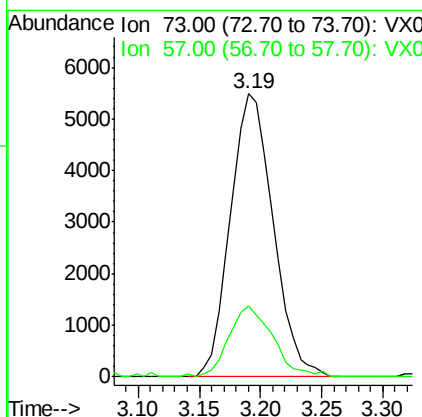
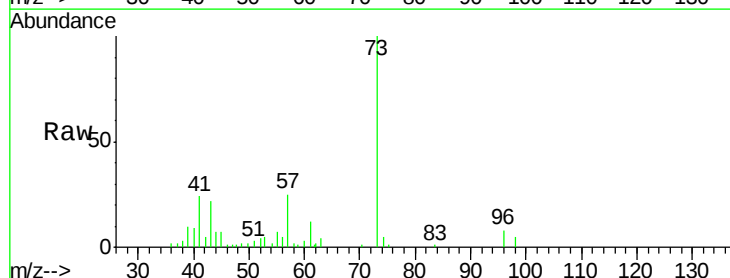
Manual Integrations  
APPROVED

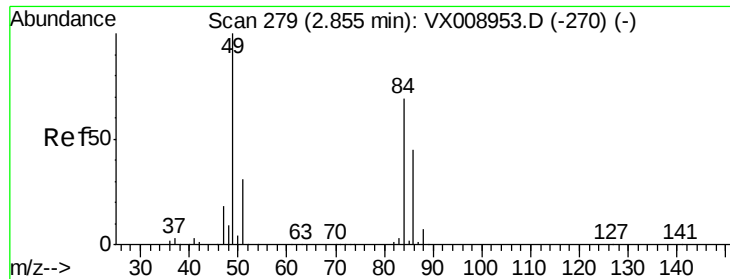
MMDadoda  
4/16/2019 10:52:41 AM



#19  
Methyl tert-butyl Ether  
Concen: 1.231 ug/l  
RT: 3.19 min Scan# 334  
Delta R.T. -0.01 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Tgt Ion: 73 Resp: 13330  
Ion Ratio Lower Upper  
73 100  
57 25.1 19.2 28.8





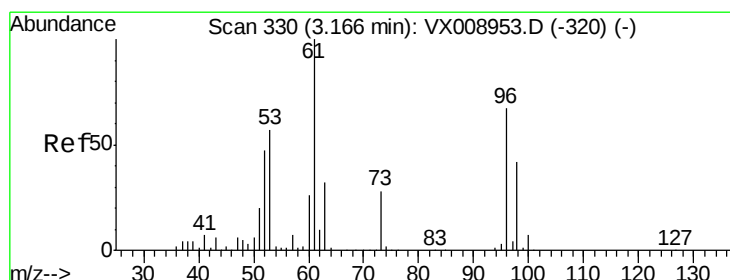
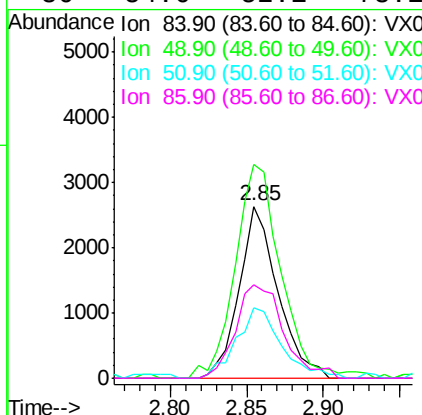
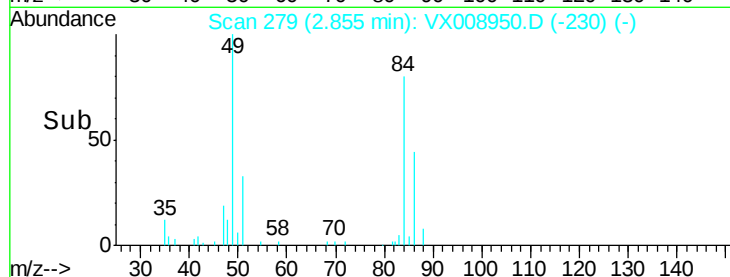
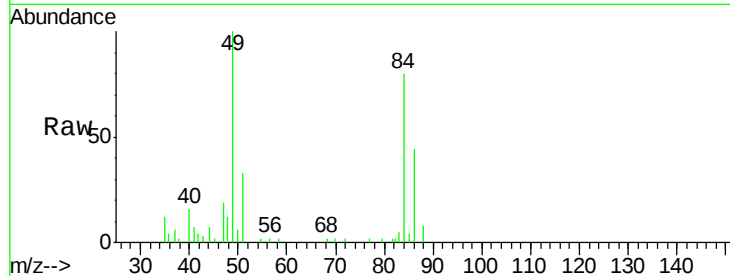
#20  
Methvlene Chloride  
Concen: 1.264 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 4649  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 124.5 | 115.4 | 173.0 |
| 51       | 40.9  | 35.8  | 53.6  |
| 86       | 54.6  | 52.1  | 78.1  |

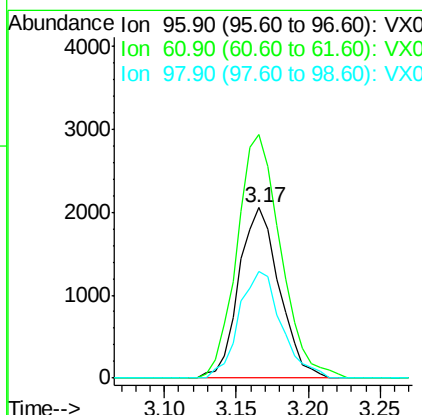
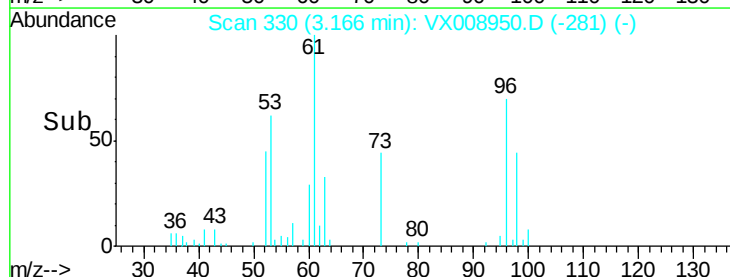
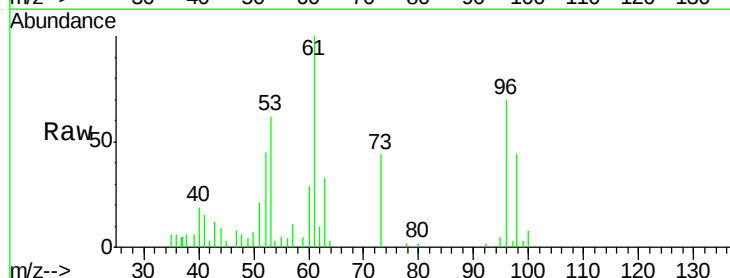
Manual Integrations  
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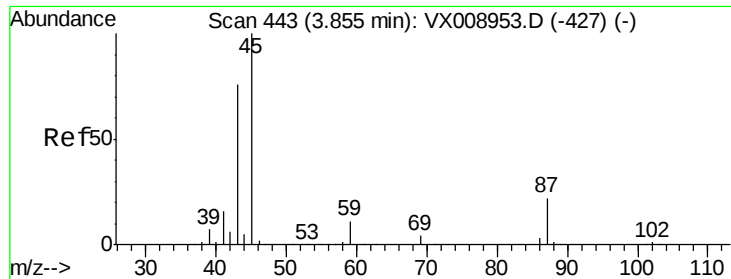
MMDadoda  
4/16/2019 10:52:41 AM



#21  
trans-1,2-Dichloroethene  
Concen: 1.215 ug/l  
RT: 3.17 min Scan# 330  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 4004  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 142.9 | 120.3 | 180.5 |
| 98       | 62.5  | 50.2  | 75.2  |





#22

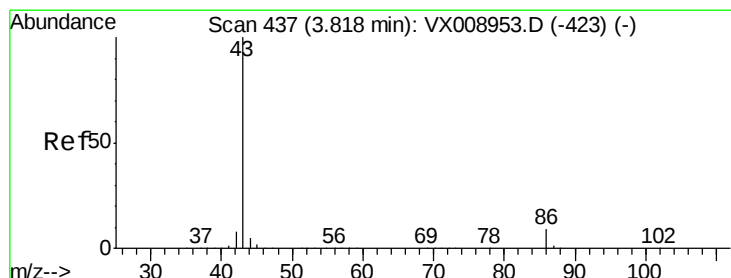
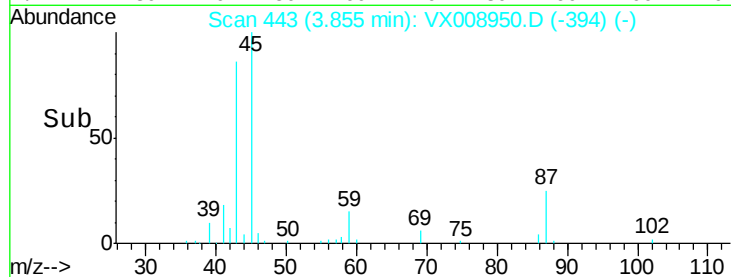
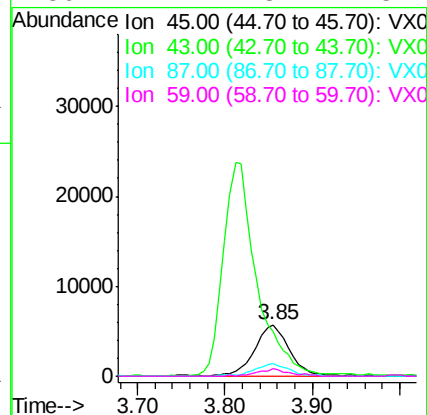
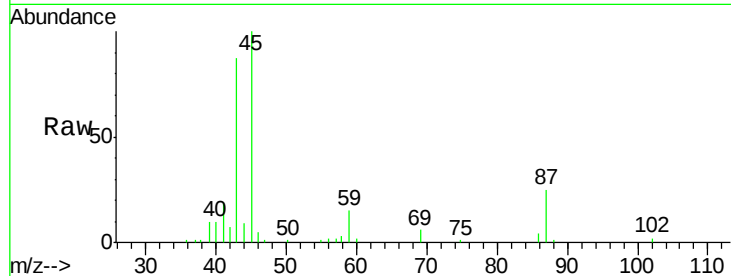
Diisopropyl ether  
 Concen: 1.194 ug/l  
 RT: 3.85 min Scan# 443  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 45      | 100  |       |       |       |
| 43      | 84.9 | 60.6  | 91.0  |       |
| 87      | 24.9 | 17.8  | 26.8  |       |
| 59      | 14.7 | 8.7   | 13.1  |       |

Manual Integrations  
 APPROVED

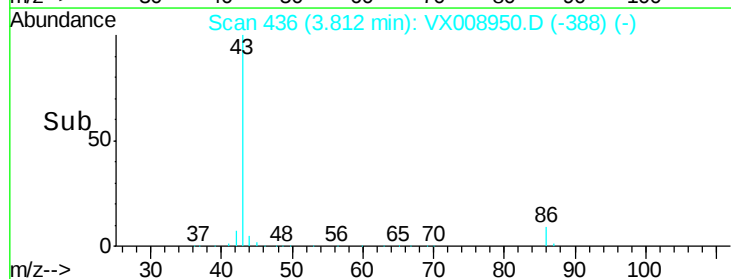
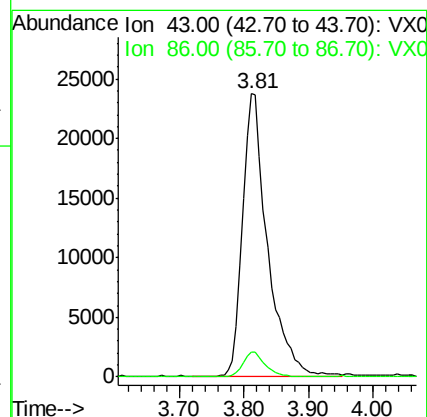
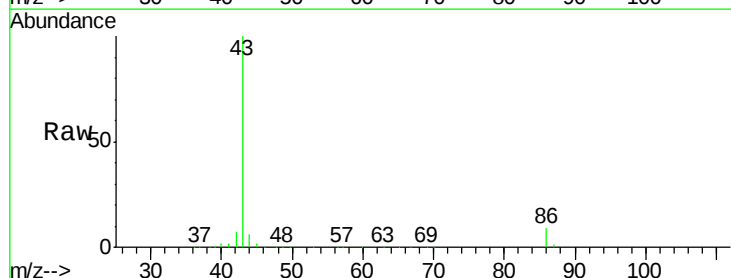
MMDadoda  
 4/16/2019 10:52:41 AM

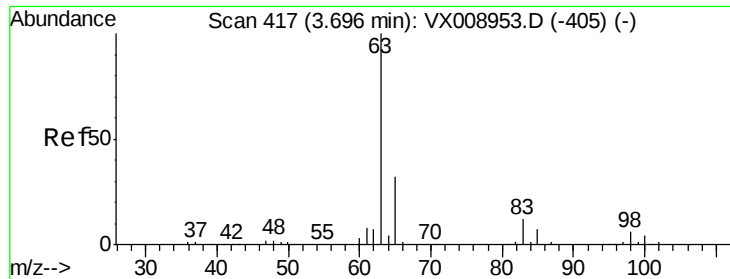


#23

Vinyl Acetate  
 Concen: 5.527 ug/l  
 RT: 3.81 min Scan# 436  
 Delta R.T. -0.01 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 43      | 100 |       |       |       |
| 86      | 8.8 | 7.1   | 10.7  |       |





#24

1,1-Dichloroethane

Concen: 1.171 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

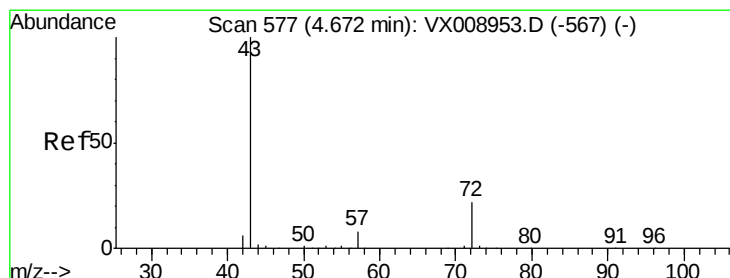
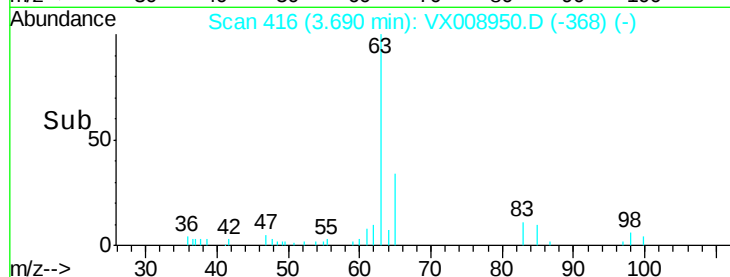
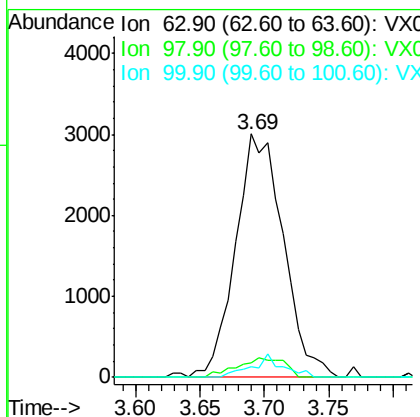
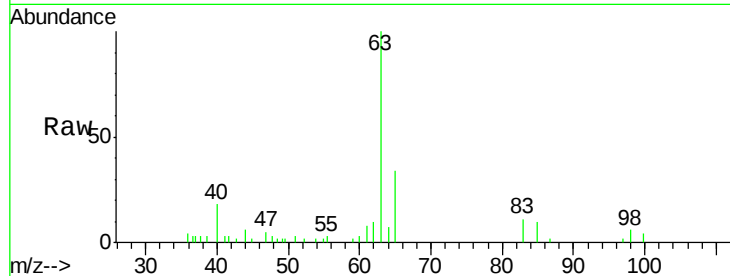
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 63    | Resp: | 7731  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 5.7   | 3.1   | 9.3   |
| 100      | 4.2   | 1.9   | 5.7   |

Manual Integrations  
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MMDadoda  
4/16/2019 10:52:41 AM



#25

2-Butanone

Concen: 5.325 ug/l

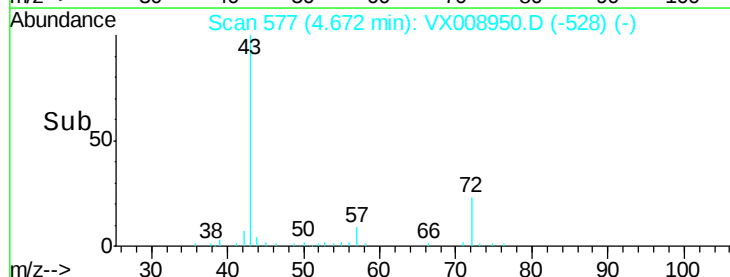
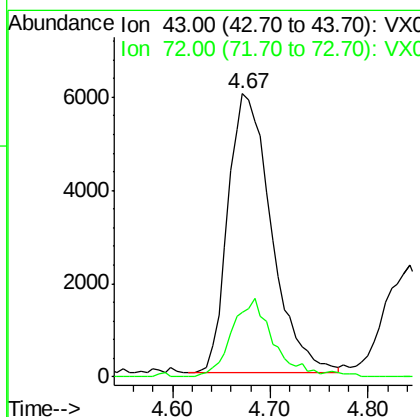
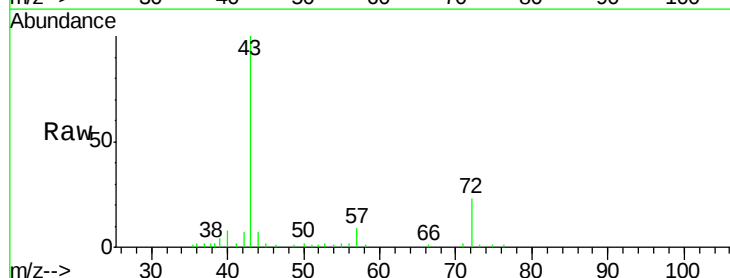
RT: 4.67 min Scan# 577

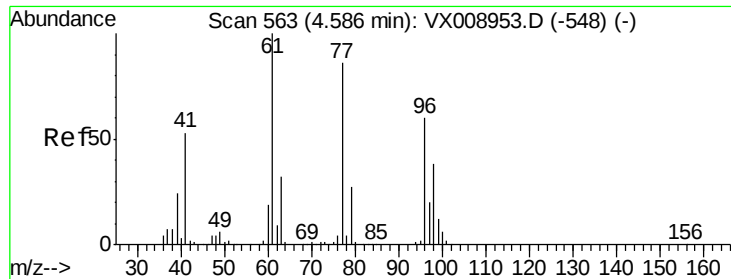
Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 18415 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 23.3  | 17.5  | 26.3  |





#26

2,2-Dichloropropane

Concen: 1.283 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion: 77 Resp: 6015

Ion Ratio Lower Upper

77 100

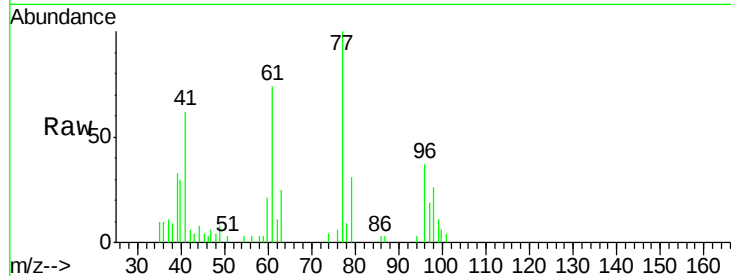
97 24.4 11.7 35.0

Manual Integrations

APPROVED

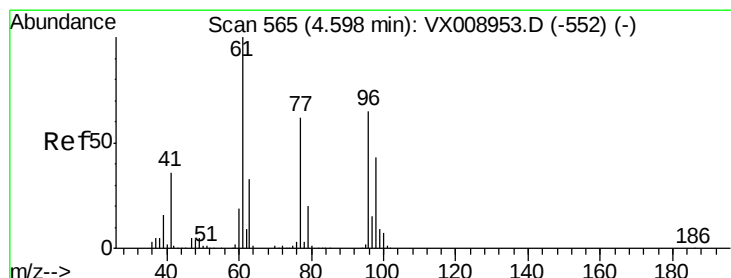
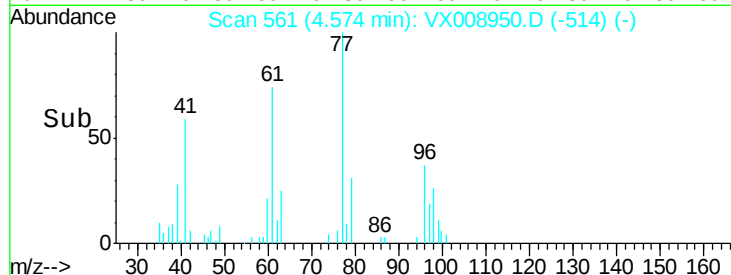
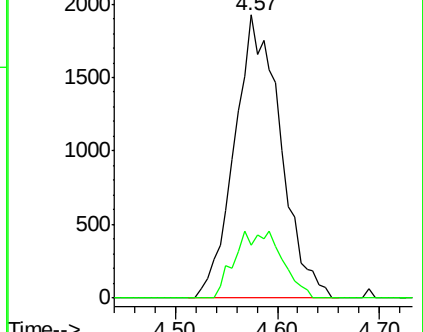
MMDadoda

4/16/2019 10:52:41 AM



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.195 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

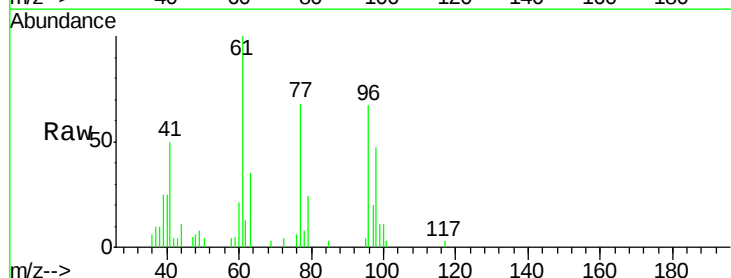
Tgt Ion: 96 Resp: 4508

Ion Ratio Lower Upper

96 100

61 164.0 0.0 322.0

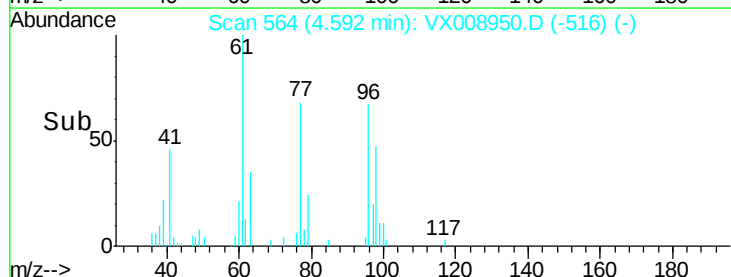
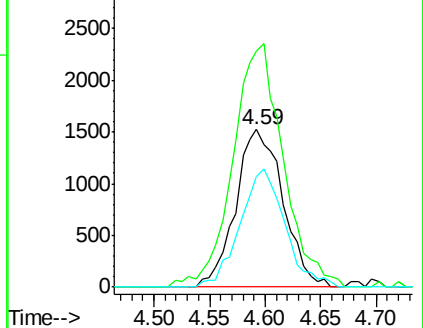
98 71.1 0.0 128.4

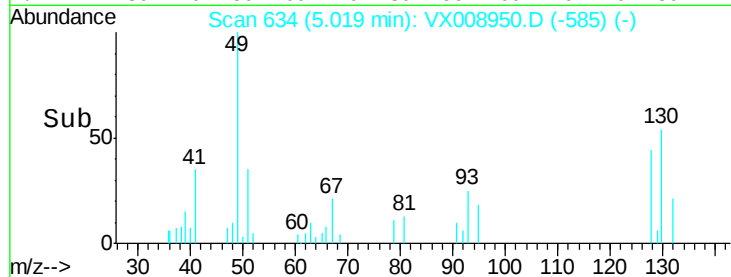
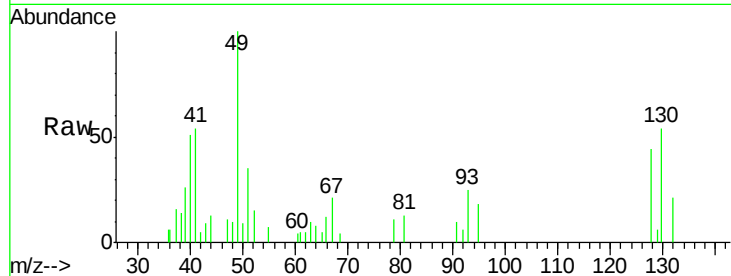
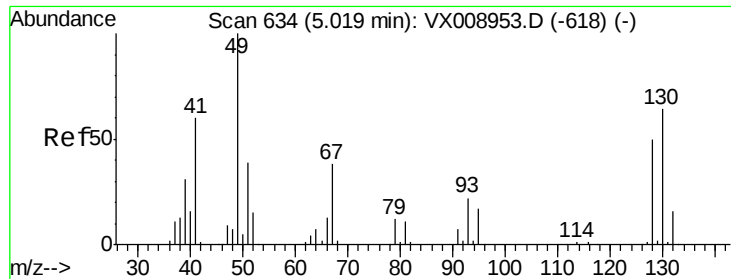


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





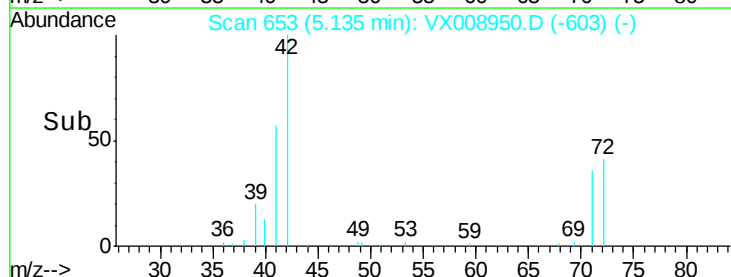
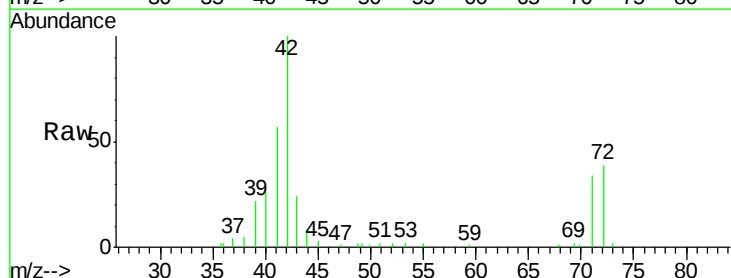
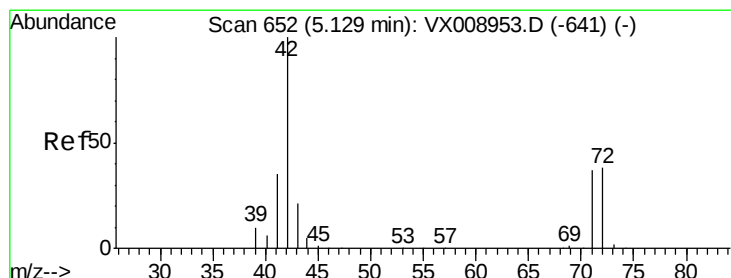
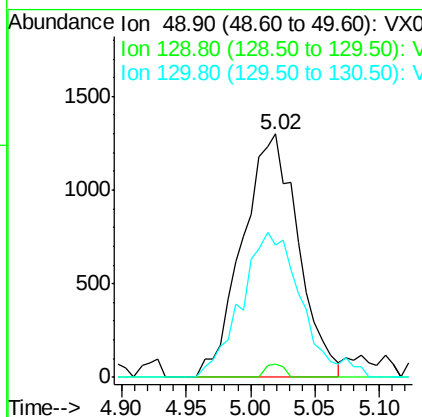
#28  
Bromochloromethane  
Concen: 1.255 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.8   | 0.0   | 3.6   |
| 130     | 64.4  | 50.4  | 75.6  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

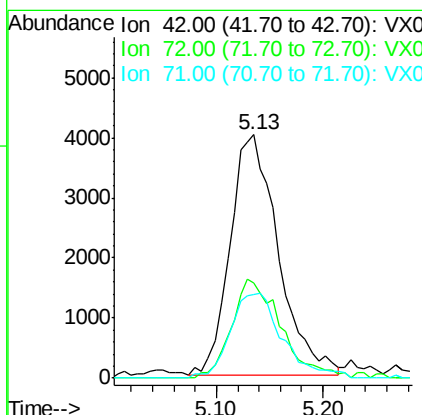
Manual Integrations  
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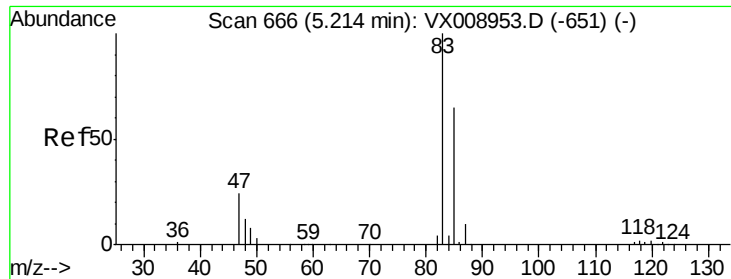
MMDadoda  
4/16/2019 10:52:41 AM



#29  
Tetrahydrofuran  
Concen: 5.498 ug/l  
RT: 5.13 min Scan# 653  
Delta R.T. 0.01 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.2  | 30.6  | 45.8  |
| 71      | 38.2  | 28.8  | 43.2  |





#30

Chloroform

Concen: 1.189 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion: 83 Resp: 7030

Ion Ratio Lower Upper

83 100

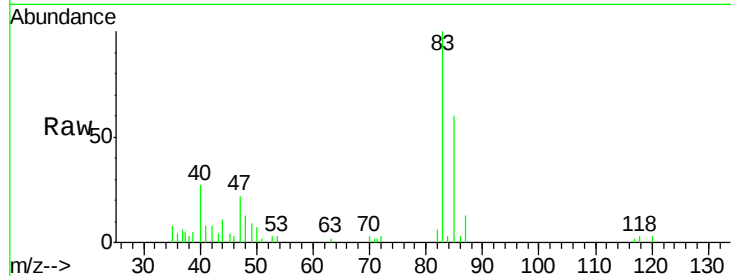
85 60.2 51.9 77.9

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4/16/2019 10:52:41 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

2000

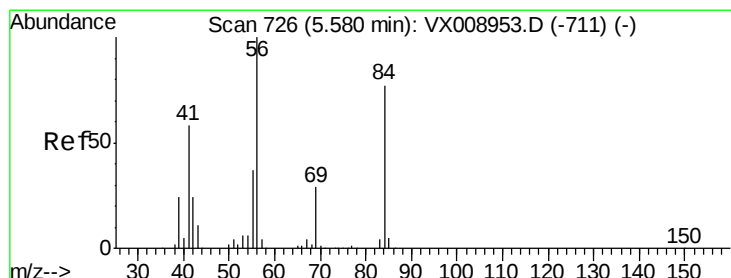
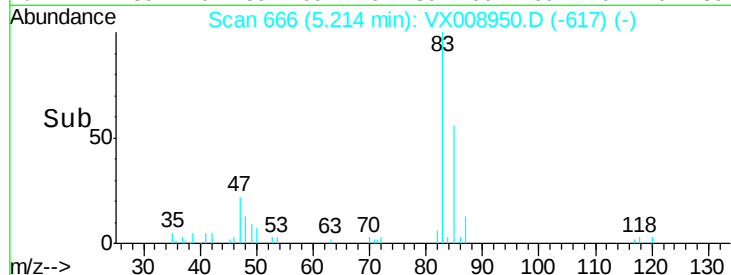
1500

1000

500

0

Time-->



#31

Cyclohexane

Concen: 1.236 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

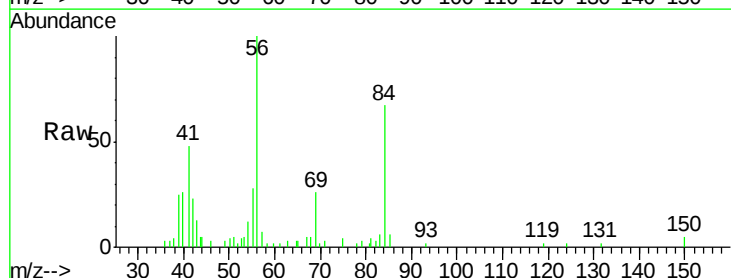
Tgt Ion: 56 Resp: 8187

Ion Ratio Lower Upper

56 100

69 26.4 23.3 34.9

84 67.4 61.7 92.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

4000

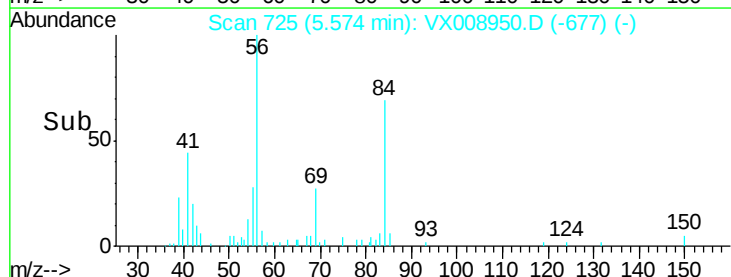
3000

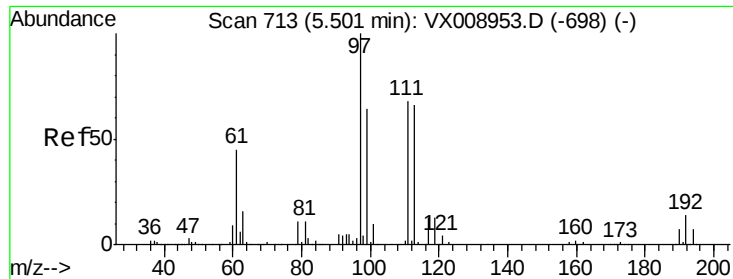
2000

1000

0

Time-->





#32

1,1,1-Trichloroethane

Concen: 1.238 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

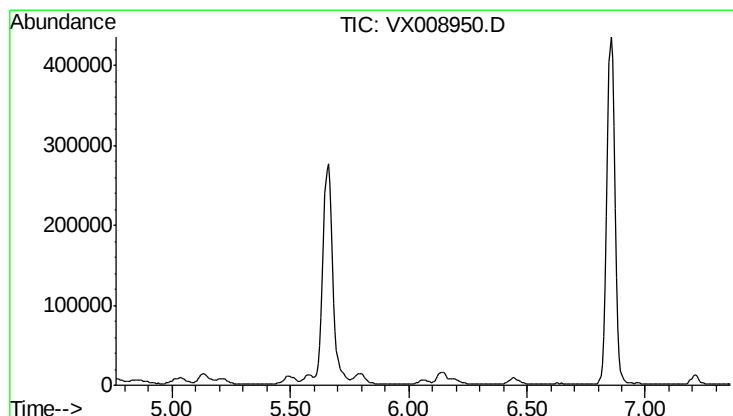
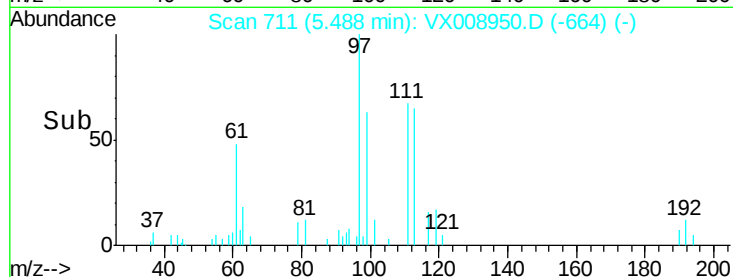
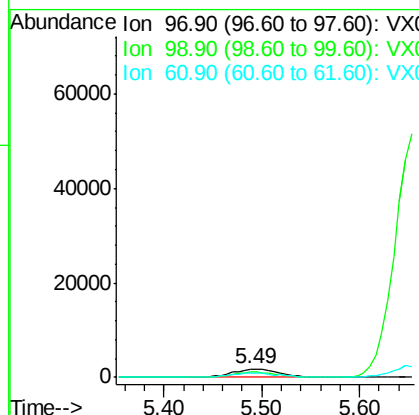
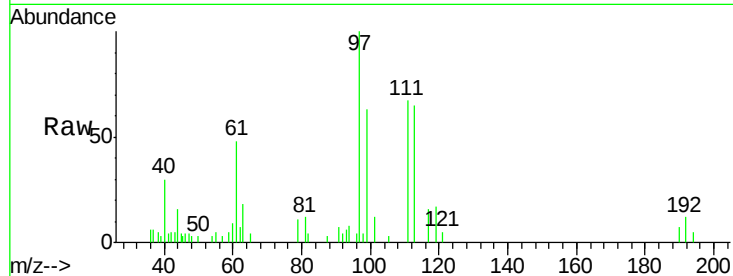
ClientSampleId :

VSTDIC001

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 5929  |       |       |
| 99      | 0.0  | 51.6  | 77.4# |       |       |
| 61      | 50.5 | 37.9  | 56.9  |       |       |

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.06 min

Lab File: VX008950.D

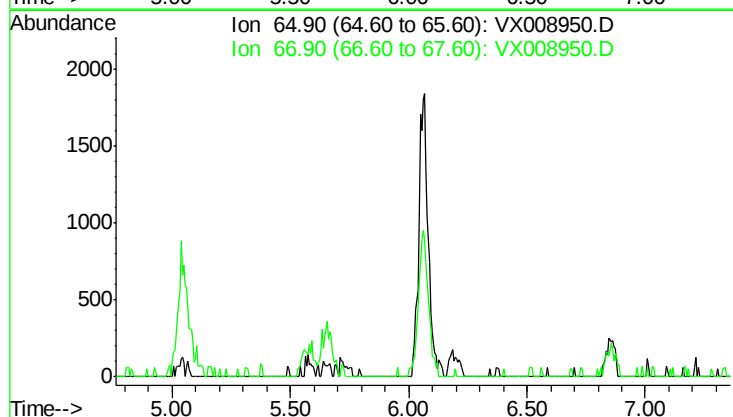
Acq: 15 Apr 2019 09:59

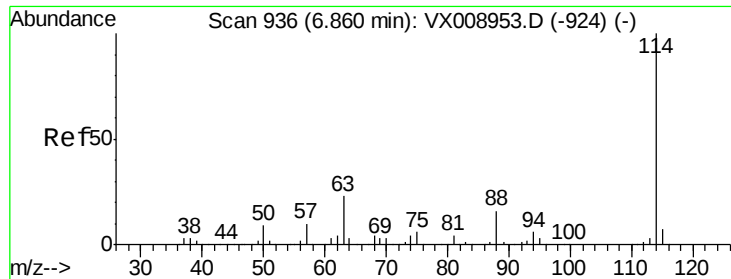
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.3





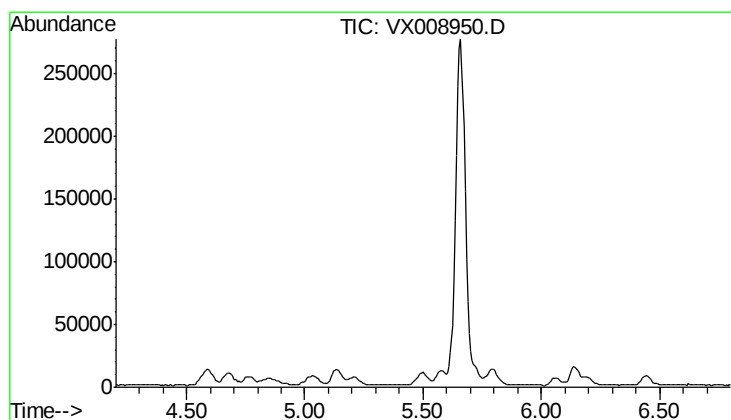
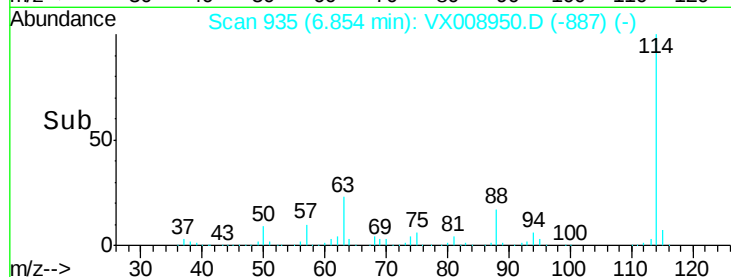
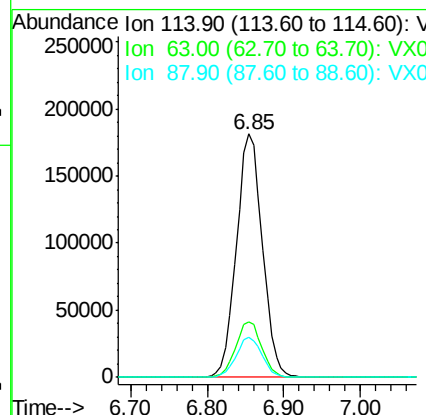
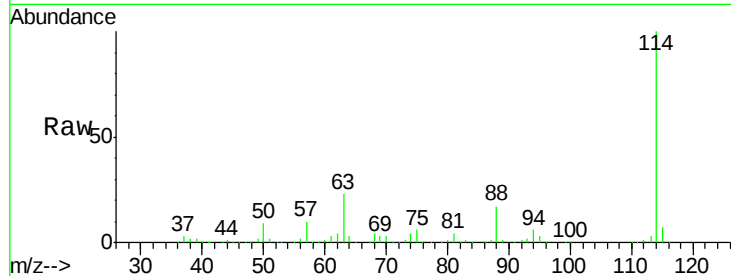
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. -0.01 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 114     | 100   |            |            |
| 63      | 22.8  | 0.0        | 46.0       |
| 88      | 16.6  | 0.0        | 32.6       |

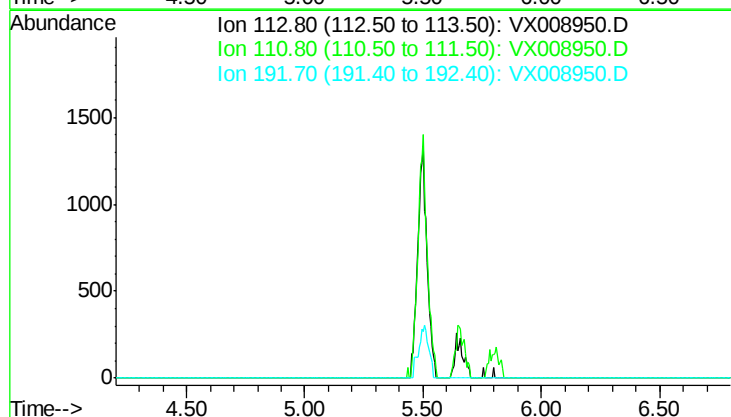
Manual Integrations  
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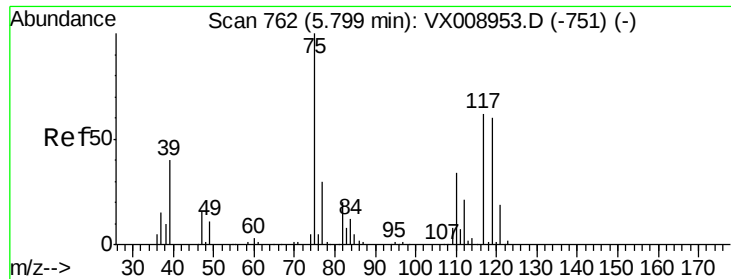
MMDadoda  
 4/16/2019 10:52:41 AM



#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 5.50 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

| Tgt Ion | Exp Ratio |
|---------|-----------|
| 113     | 100       |
| 111     | 103.6     |
| 192     | 21.7      |





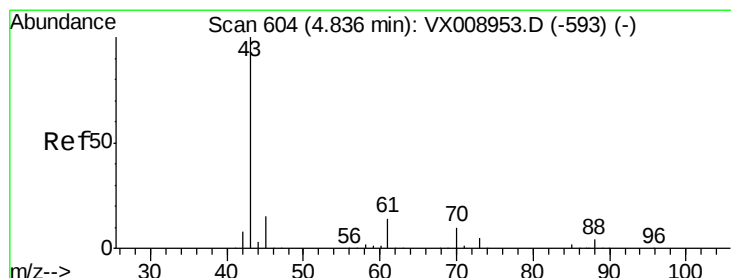
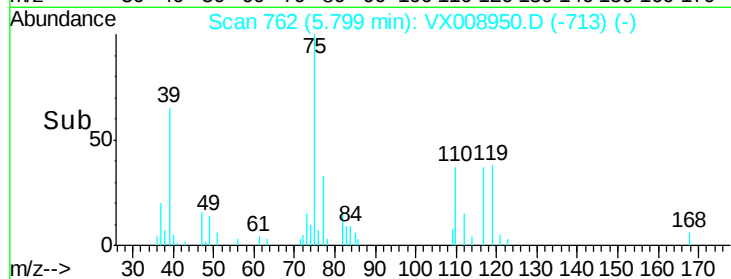
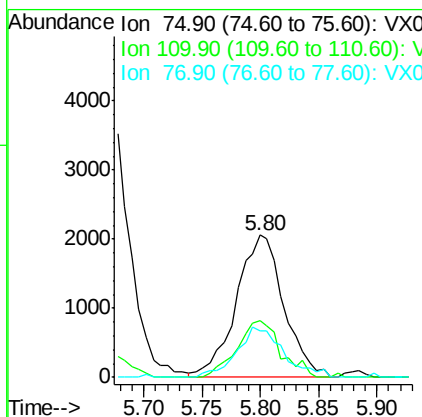
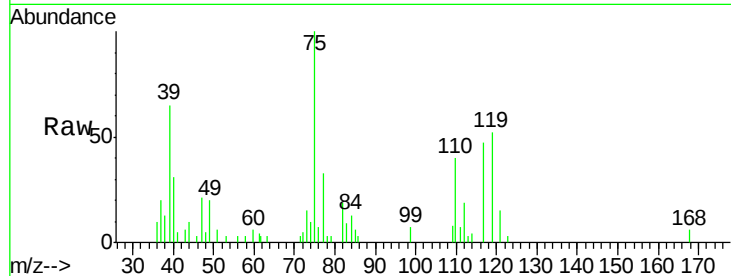
#36  
 1,1-Dichloropropene  
 Concen: 1.275 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.6  | 16.9  | 50.7  |
| 77      | 34.4  | 25.0  | 37.4  |

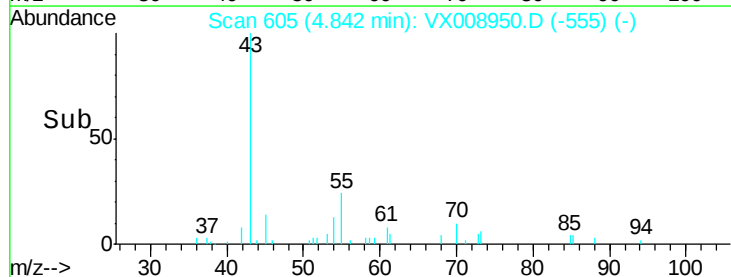
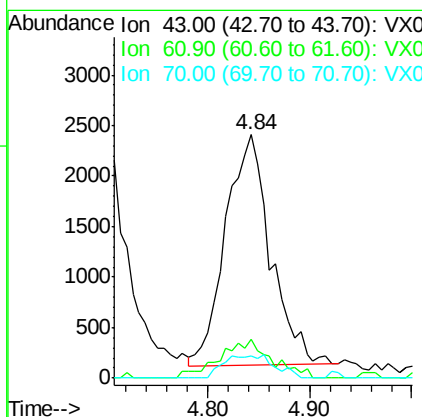
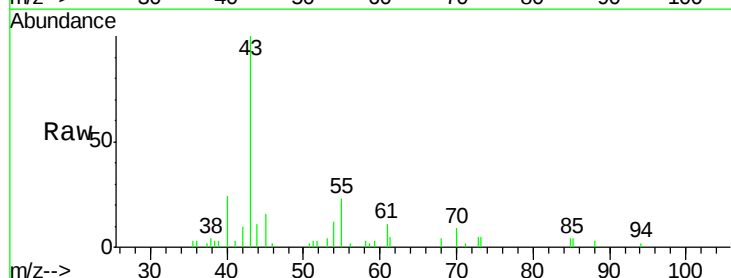
Manual Integrations  
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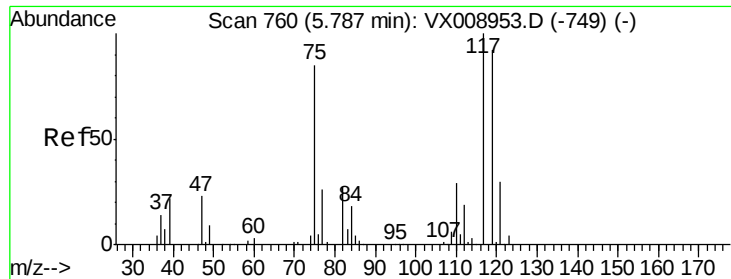
MMDadoda  
 4/16/2019 10:52:41 AM



#37  
 Ethyl Acetate  
 Concen: 1.153 ug/l  
 RT: 4.84 min Scan# 605  
 Delta R.T. 0.01 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.4  | 10.6  | 15.8# |
| 70      | 5.3   | 7.7   | 11.5# |





#38

Carbon Tetrachloride

Concen: 1.269 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

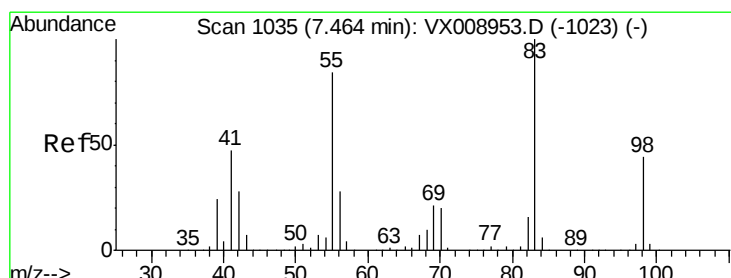
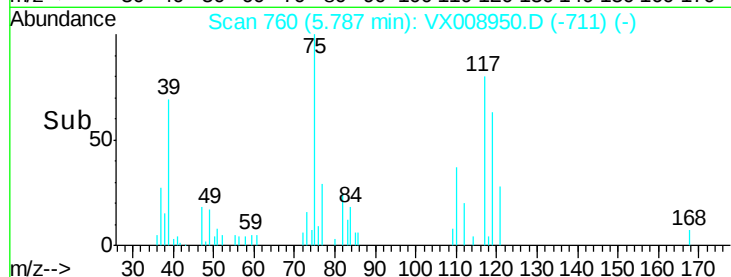
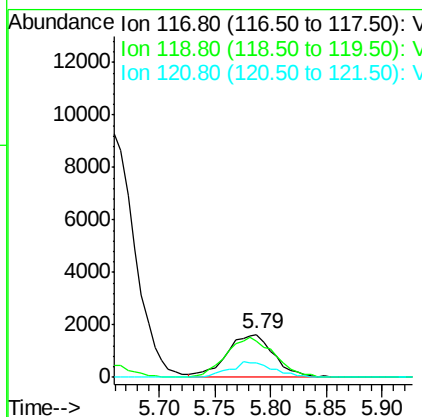
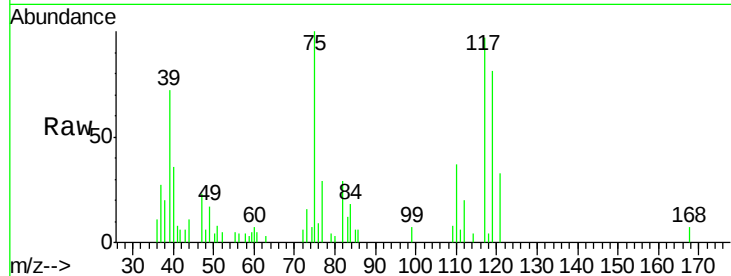
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 117   | Resp: | 4817  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 83.8  | 73.8  | 110.8 |
| 121      | 34.3  | 23.6  | 35.4  |

Manual Integrations  
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4/16/2019 10:52:41 AM



#39

Methylcyclohexane

Concen: 1.278 ug/l

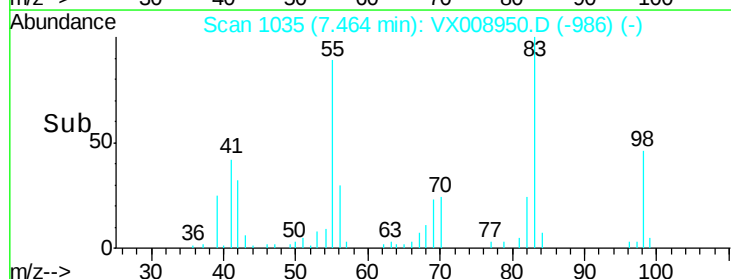
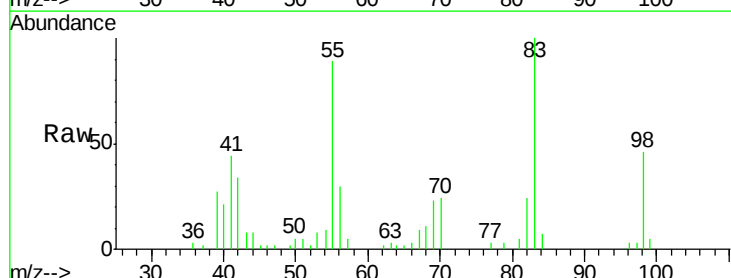
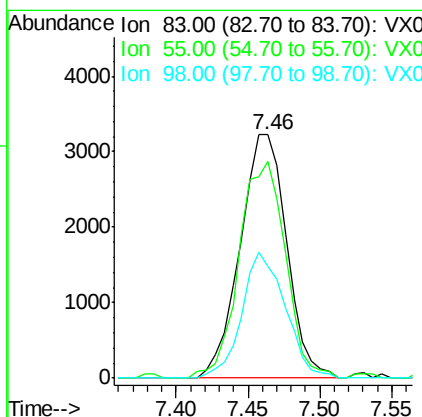
RT: 7.46 min Scan# 1035

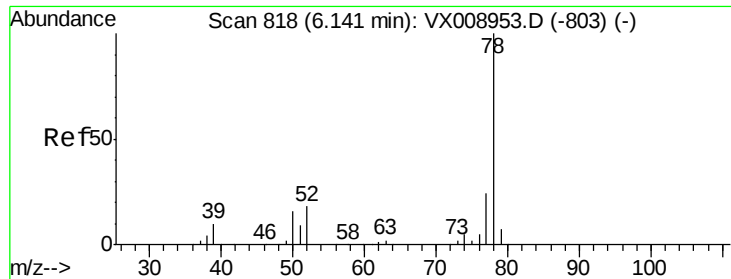
Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 7236  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 88.8  | 67.1  | 100.7 |
| 98       | 45.7  | 35.1  | 52.7  |





#40

Benzene

Concen: 1.263 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 17225

Ion Ratio Lower Upper

78 100

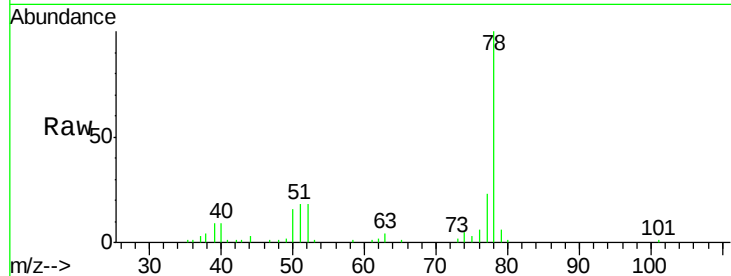
77 22.8 19.0 28.6

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

6000

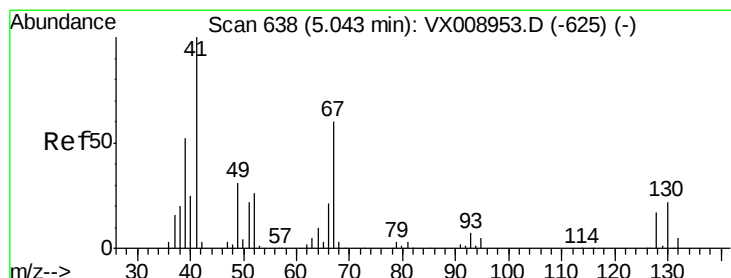
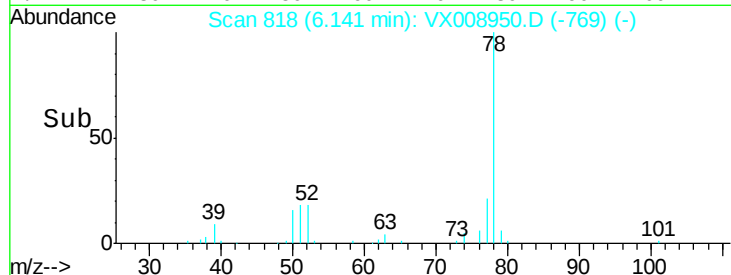
4000

2000

0

Time-->

6.00 6.10 6.20



#41

Methacrylonitrile

Concen: 1.134 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Tgt Ion: 41 Resp: 3979

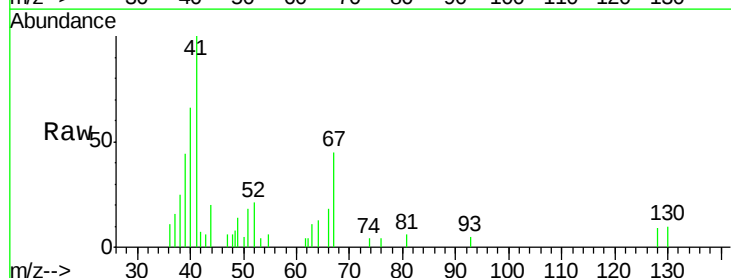
Ion Ratio Lower Upper

41 100

39 65.2 41.8 62.6#

67 62.5 50.2 75.4

52 39.4 21.1 31.7#



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

3000

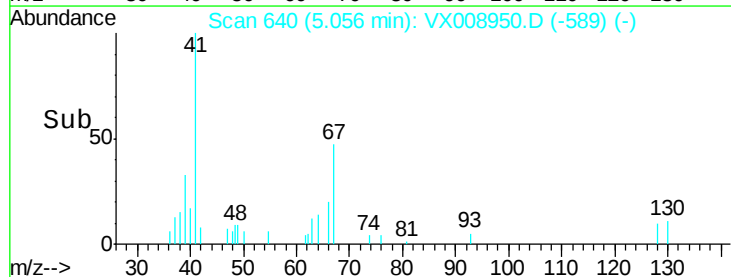
2000

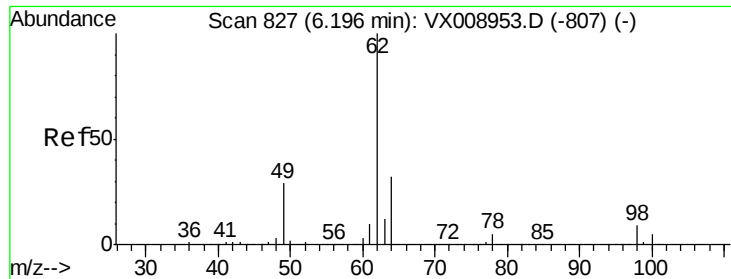
1000

0

Time-->

4.95 5.00 5.05 5.10





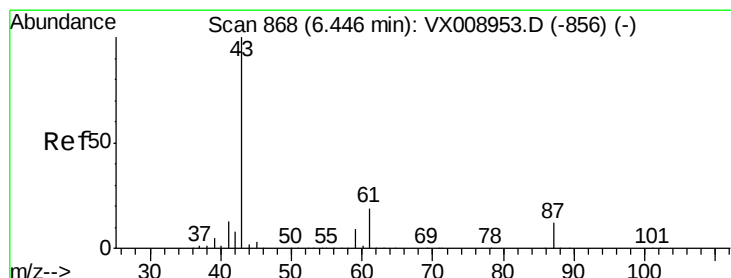
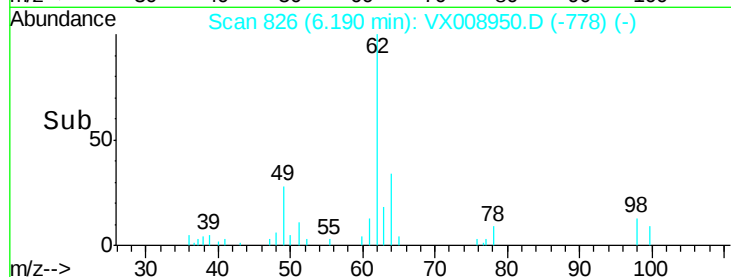
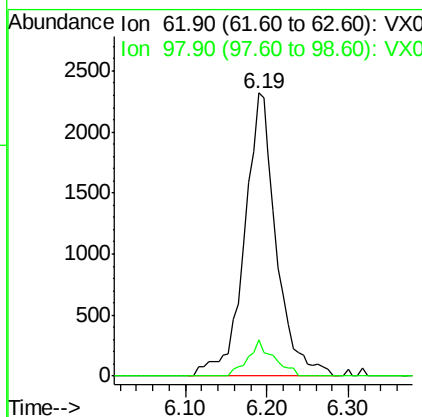
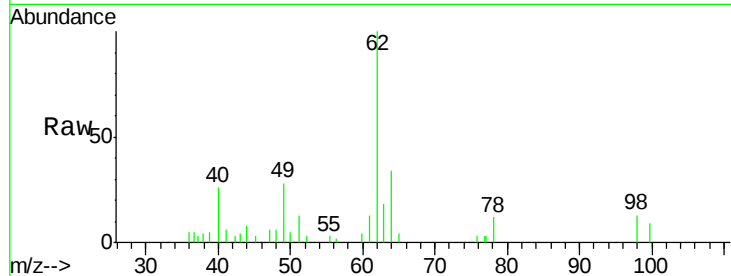
#42  
 1,2-Dichloroethane  
 Concen: 1.286 ug/l  
 RT: 6.19 min Scan# 826  
 Delta R.T. -0.01 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.1  | 0.0   | 18.4  |

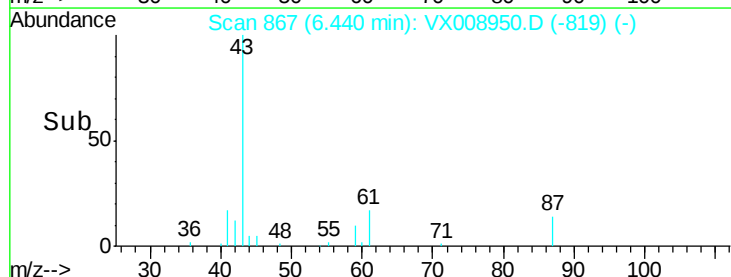
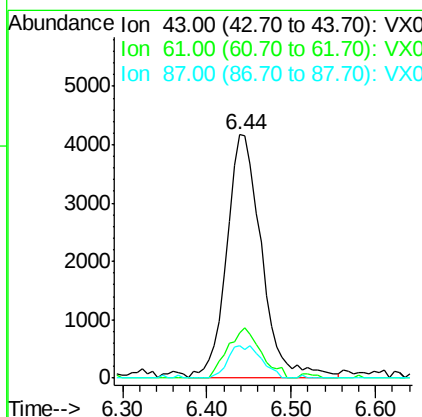
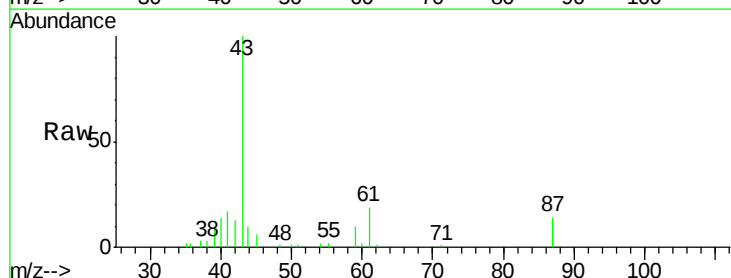
Manual Integrations  
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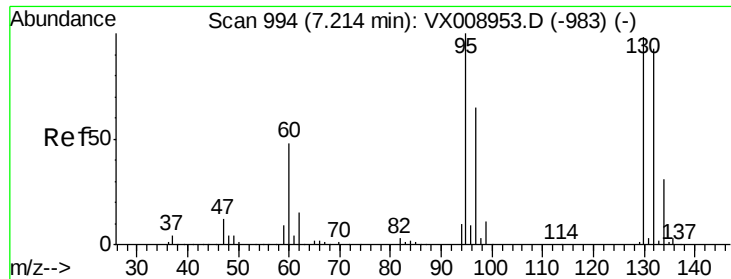
MMDadoda  
 4/16/2019 10:52:41 AM



#43  
 Isopropyl Acetate  
 Concen: 1.236 ug/l  
 RT: 6.44 min Scan# 867  
 Delta R.T. -0.01 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.3  | 15.4  | 23.0  |
| 87      | 12.7  | 9.0   | 13.4  |





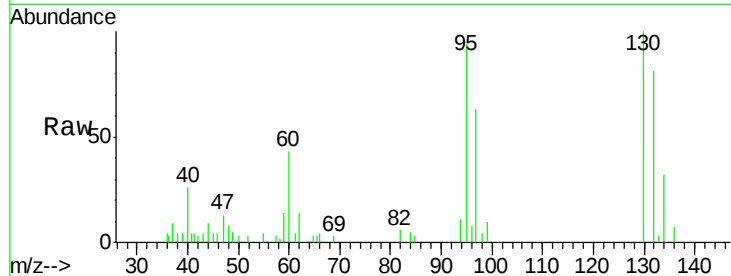
#44  
 Trichloroethene  
 Concen: 1.361 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

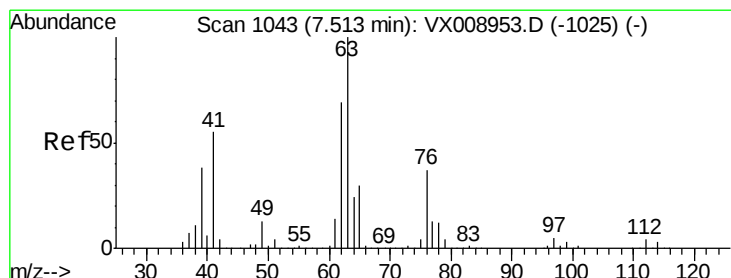
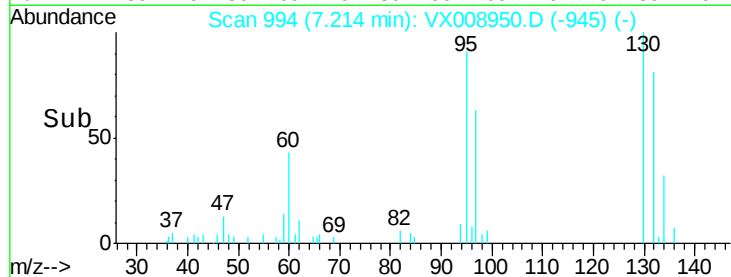
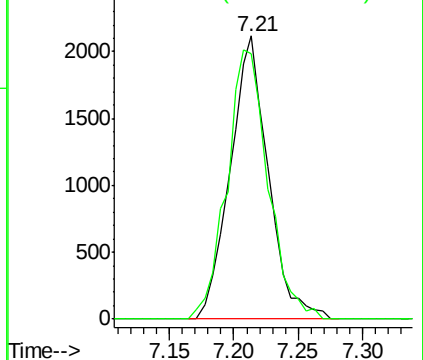
Tot Ion:130 Resp: 4346  
 Ion Ratio Lower Upper  
 130 100  
 95 93.6 0.0 203.2

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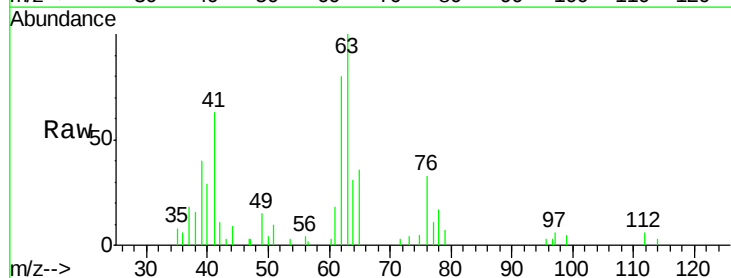


Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VX0

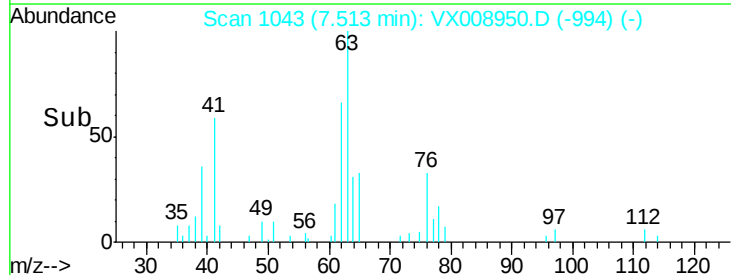
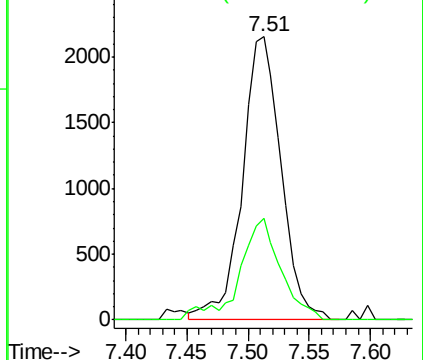


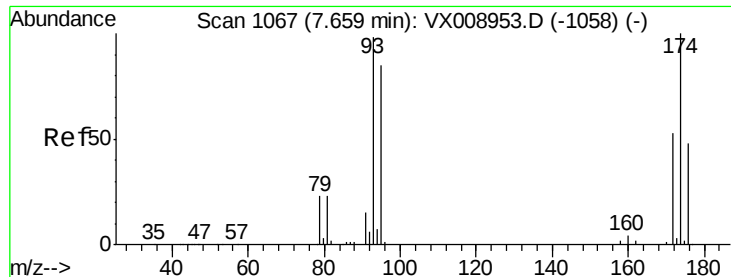
#45  
 1,2-Dichloropropane  
 Concen: 1.221 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Tgt Ion: 63 Resp: 4735  
 Ion Ratio Lower Upper  
 63 100  
 65 36.0 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0  
 Ion 64.90 (64.60 to 65.60): VX0





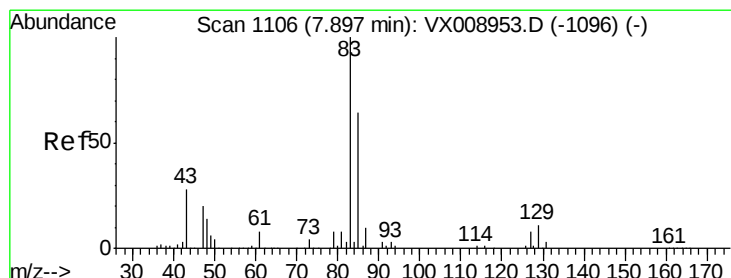
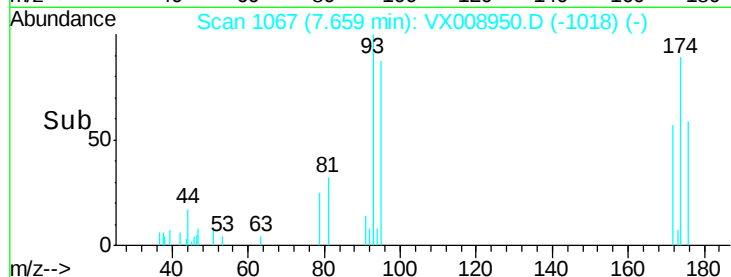
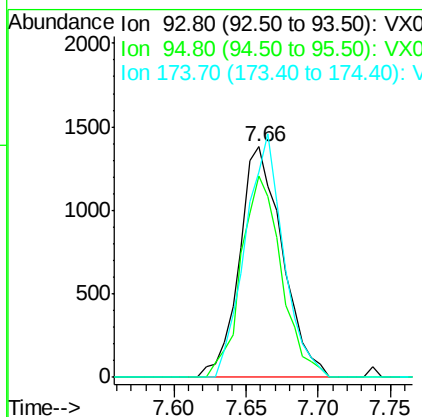
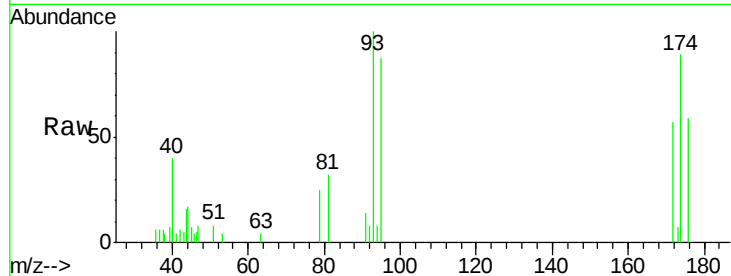
#46  
Dibromomethane  
Concen: 1.267 ug/l  
RT: 7.66 min Scan# 1067  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 81.7  | 67.0  | 100.4 |
| 174     | 93.8  | 81.6  | 122.4 |

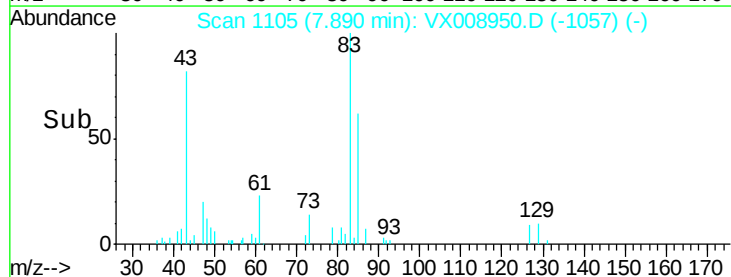
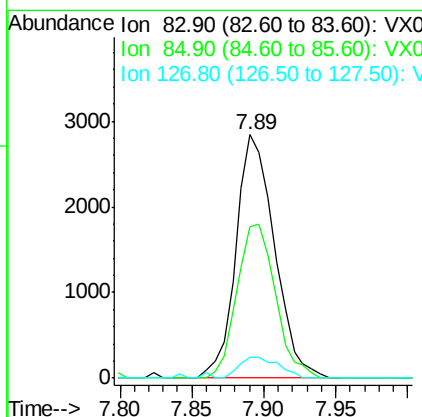
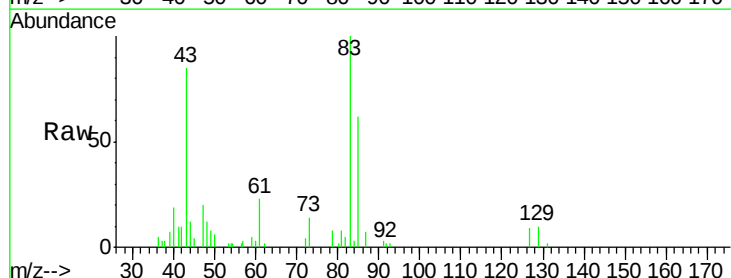
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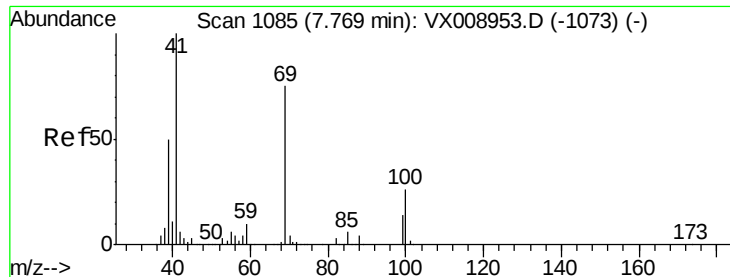
MMDadoda  
4/16/2019 10:52:41 AM



#47  
Bromodichloromethane  
Concen: 1.242 ug/l  
RT: 7.89 min Scan# 1105  
Delta R.T. -0.01 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.4  | 50.8  | 76.2  |
| 127     | 8.5   | 6.4   | 9.6   |





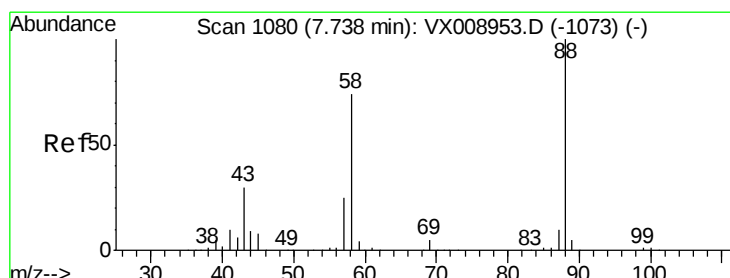
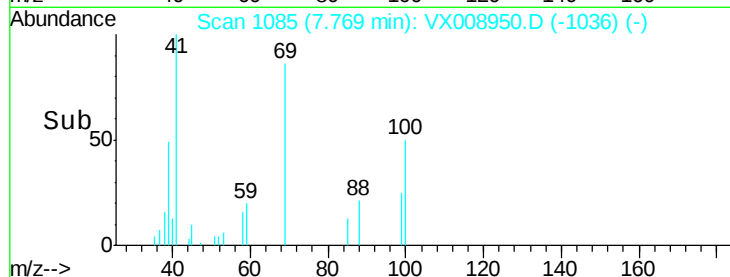
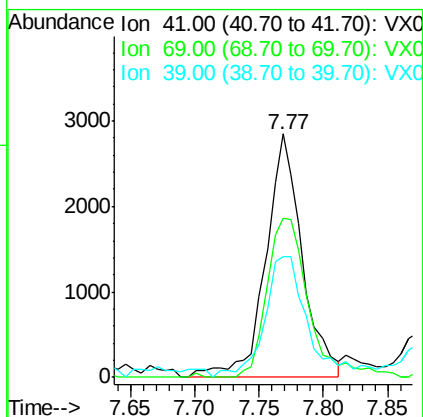
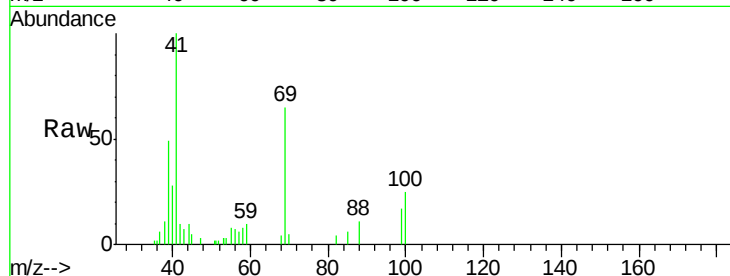
#48  
Methvl methacrylate  
Concen: 1.163 ug/l  
RT: 7.77 min Scan# 1085  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 74.8  | 59.4  | 89.2  |
| 39      | 59.9  | 39.8  | 59.6# |

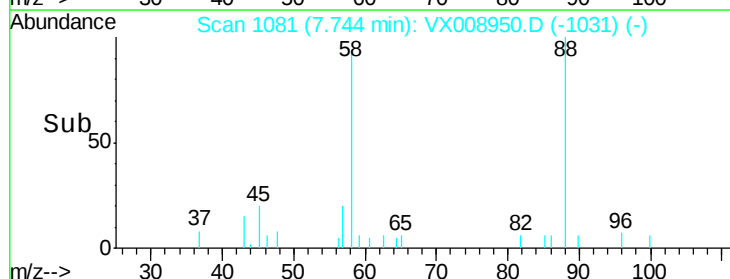
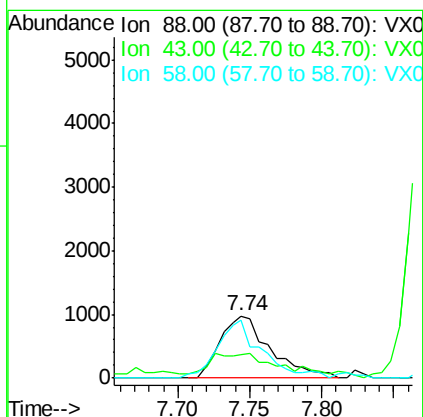
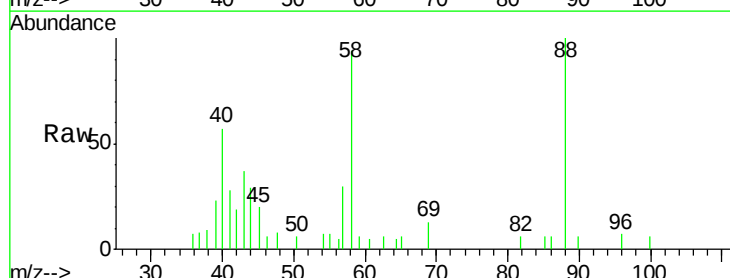
Manual Integrations  
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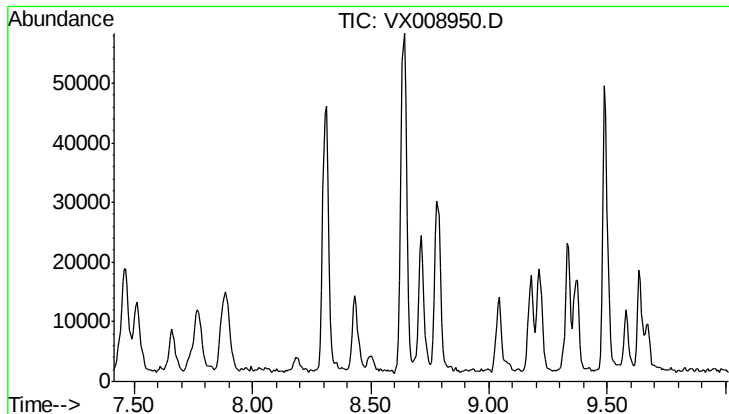
MMDadoda  
4/16/2019 10:52:41 AM



#49  
1,4-Dioxane  
Concen: 26.345 ug/l  
RT: 7.74 min Scan# 1081  
Delta R.T. 0.01 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 58.9  | 29.3  | 43.9# |
| 58      | 81.8  | 62.6  | 93.8  |





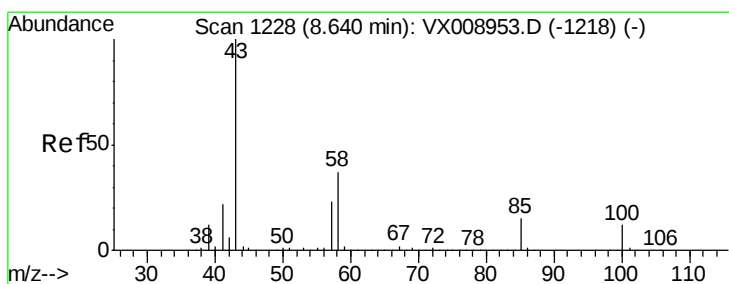
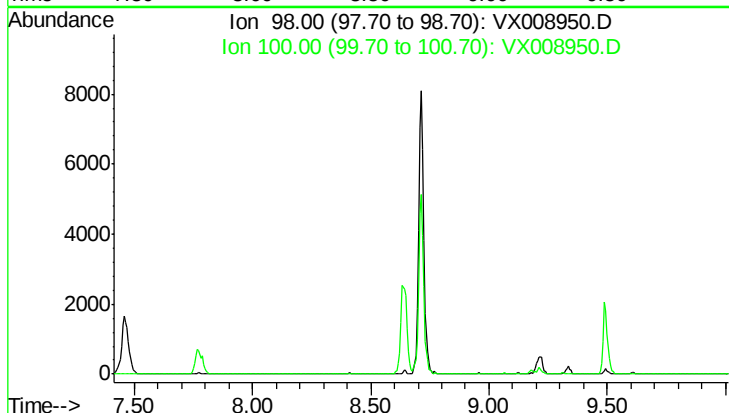
#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 8.71 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tot Ion: 98  
Sig Exp Ratio  
98 100  
100 64.3

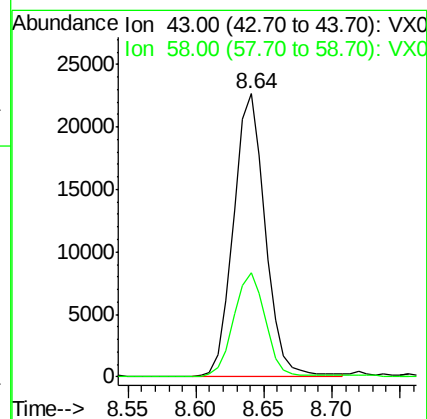
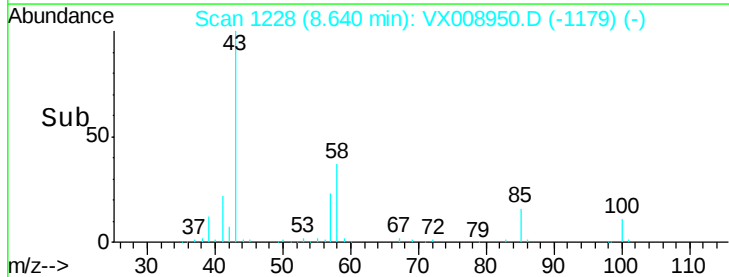
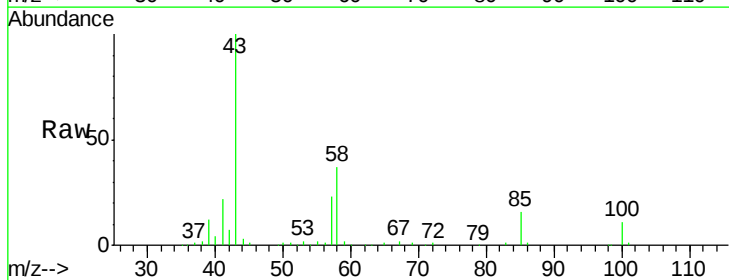
Manual Integrations  
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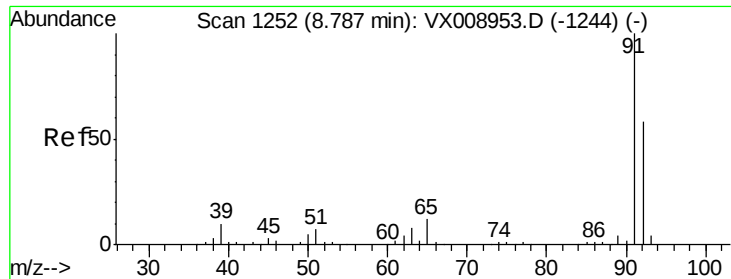
MMDadoda  
4/16/2019 10:52:41 AM



#51  
4-Methyl-2-Pentanone  
Concen: 6.025 ug/l  
RT: 8.64 min Scan# 1228  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Tgt Ion: 43 Resp: 36991  
Ion Ratio Lower Upper  
43 100  
58 37.0 29.8 44.6





#52

Toluene

Concen: 1.301 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 10458

Ion Ratio Lower Upper

92 100

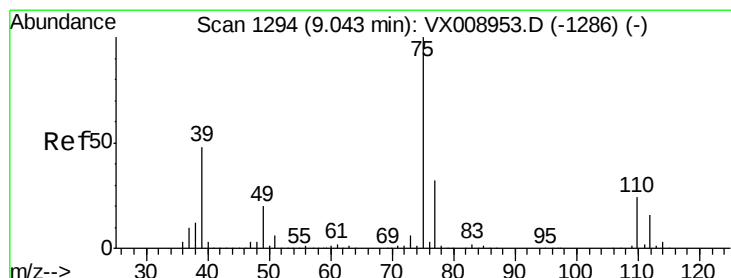
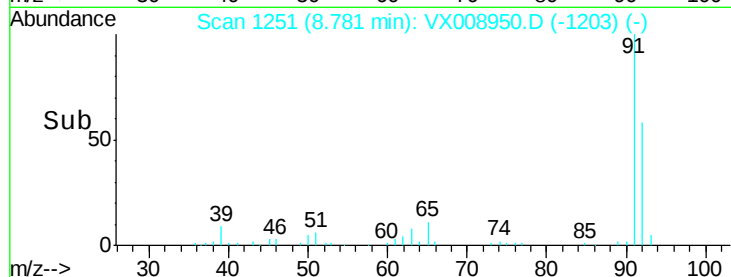
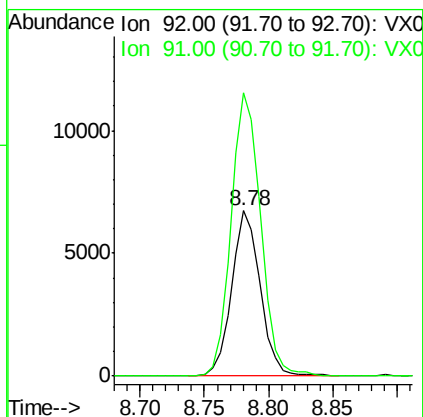
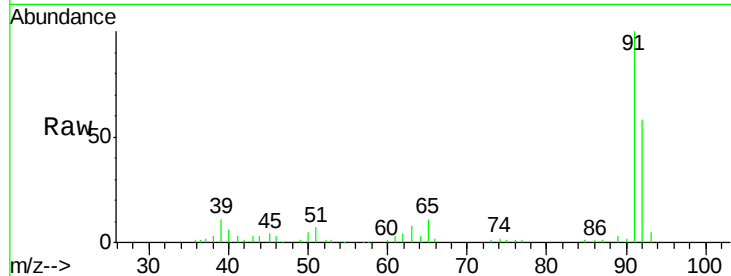
91 176.2 138.5 207.7

Manual Integrations

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MMDadoda

4/16/2019 10:52:41 AM



#53

t-1,3-Dichloropropene

Concen: 1.144 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008950.D

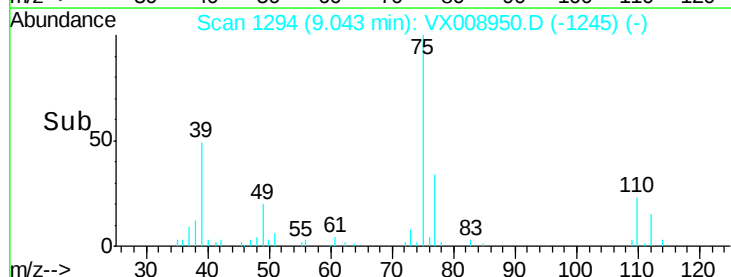
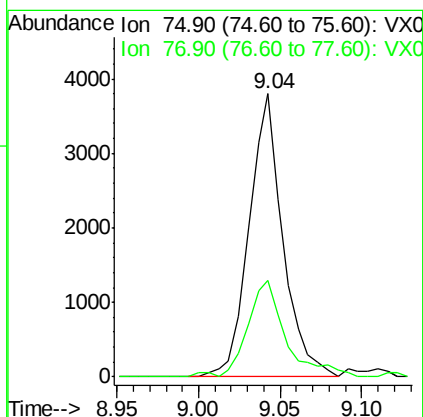
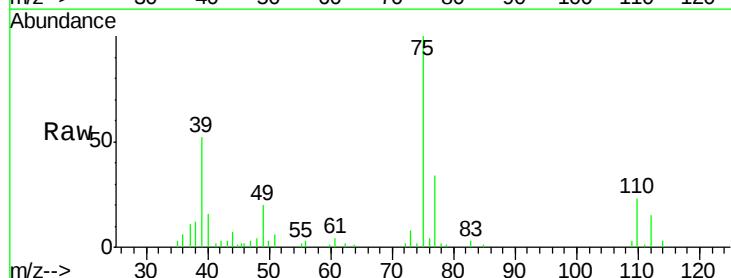
Acq: 15 Apr 2019 09:59

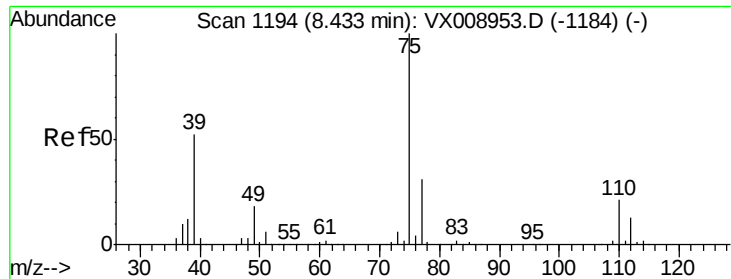
Tgt Ion: 75 Resp: 5480

Ion Ratio Lower Upper

75 100

77 34.0 25.4 38.2





#54

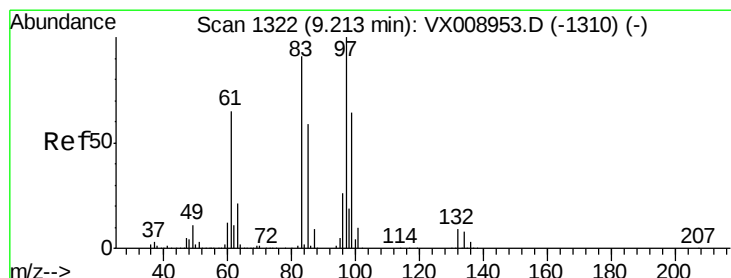
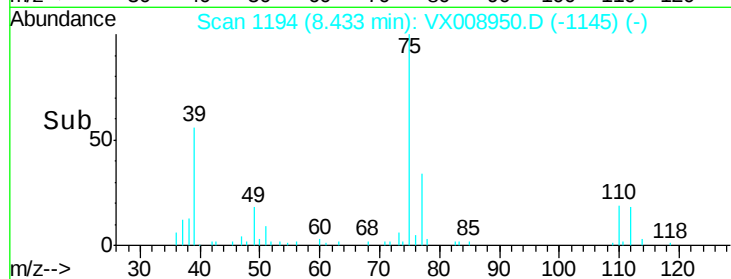
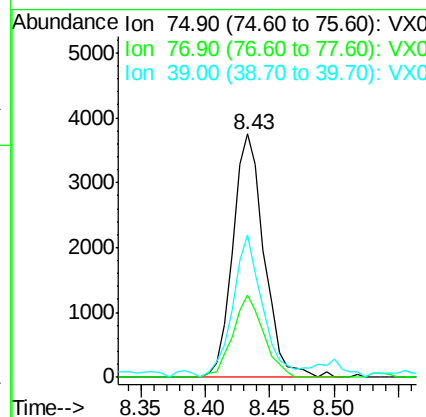
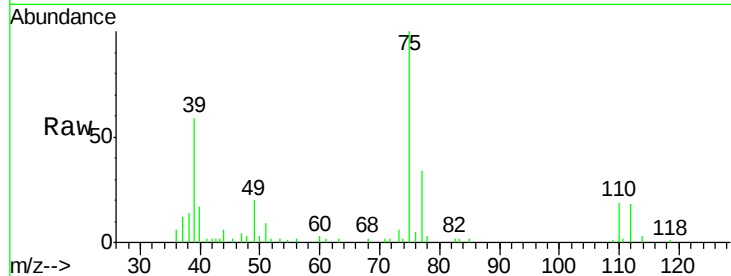
cis-1,3-Dichloropropene  
 Concen: 1.168 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 34.0  | 24.8  | 37.2  |
| 39      | 57.0  | 41.8  | 62.6  |

Manual Integrations  
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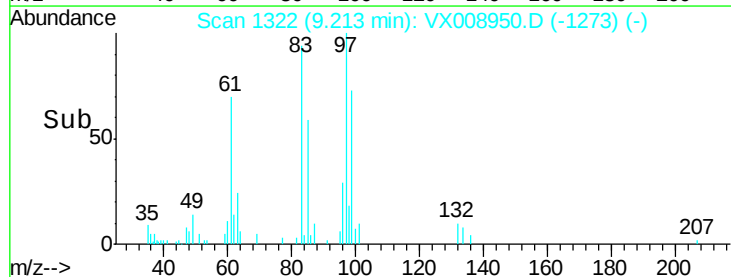
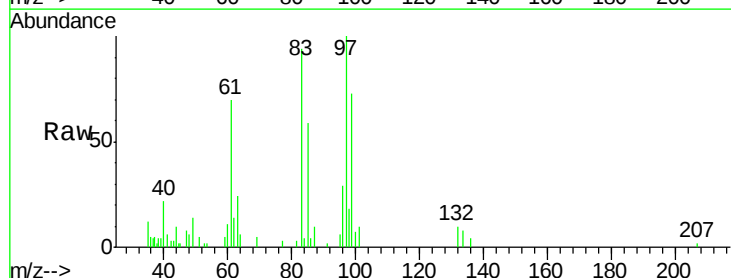
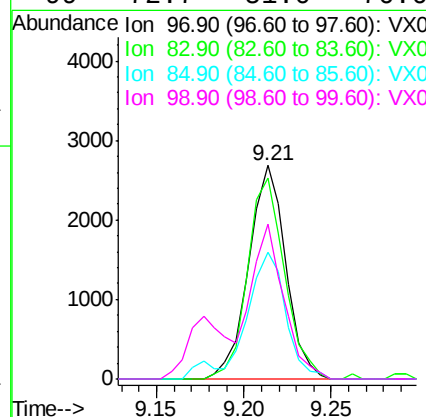
MMDadoda  
 4/16/2019 10:52:41 AM

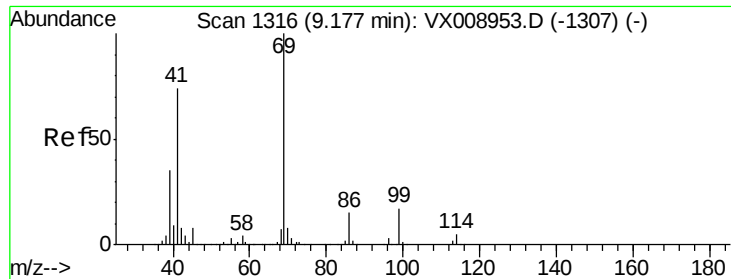


#55

1,1,2-Trichloroethane  
 Concen: 1.236 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 94.2  | 72.6  | 108.8 |
| 85      | 59.4  | 46.9  | 70.3  |
| 99      | 72.7  | 51.0  | 76.6  |





#56

Ethyl methacrylate

Concen: 1.153 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

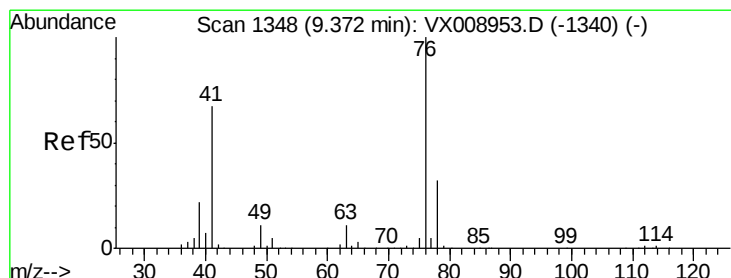
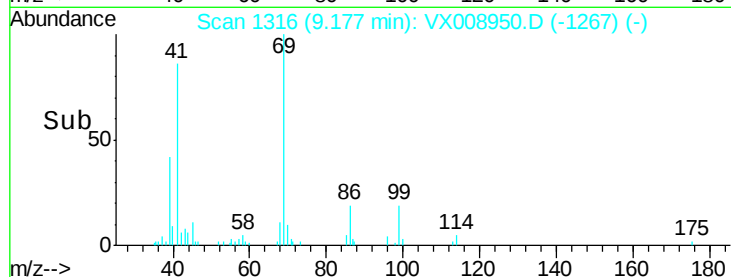
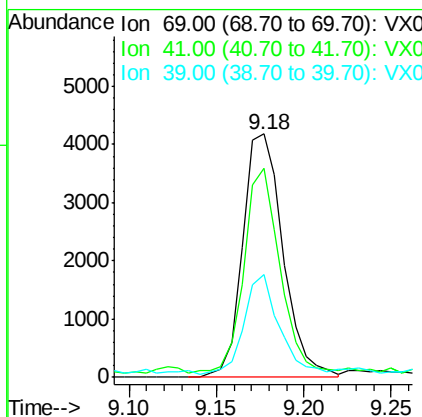
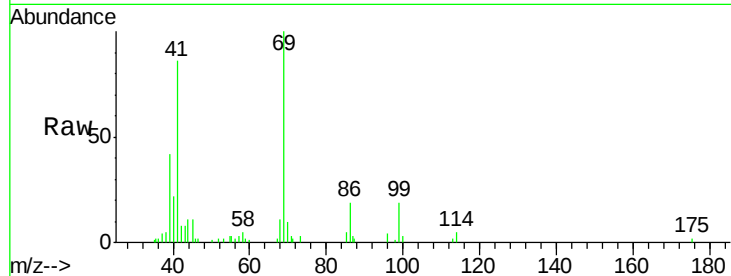
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 69    | Resp: | 6710  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 75.0  | 60.2  | 90.2  |
| 39       | 35.2  | 27.9  | 41.9  |

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MMDadoda  
4/16/2019 10:52:41 AM



#57

1,3-Dichloropropane

Concen: 1.259 ug/l

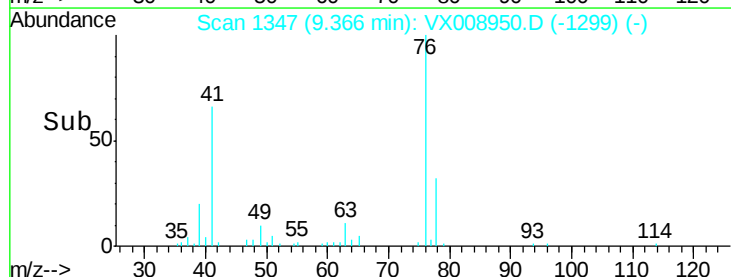
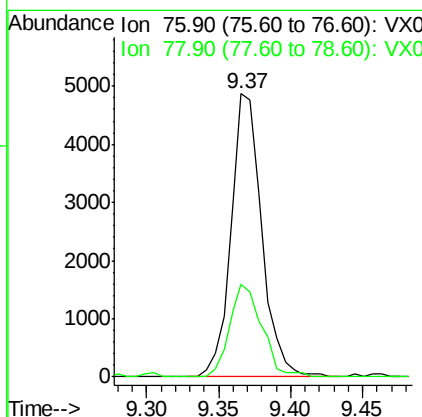
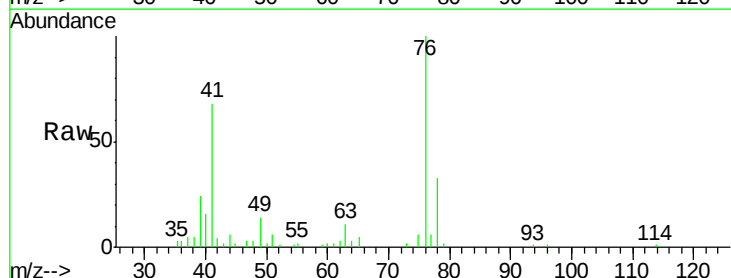
RT: 9.37 min Scan# 1347

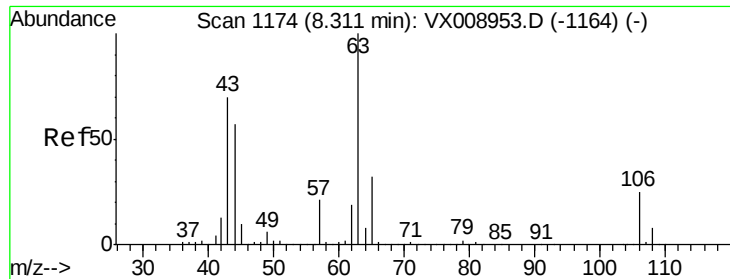
Delta R.T. -0.01 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 7280  |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 34.5  | 25.7  | 38.5  |





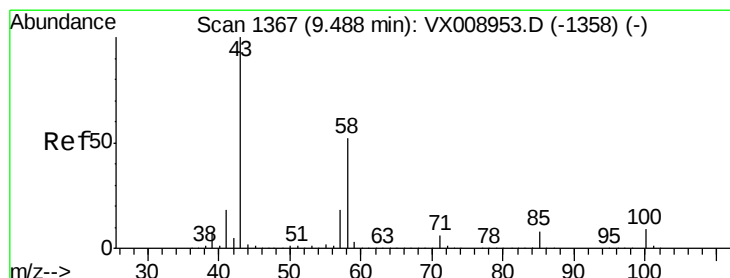
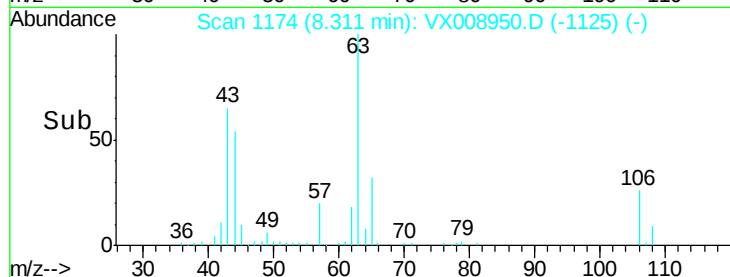
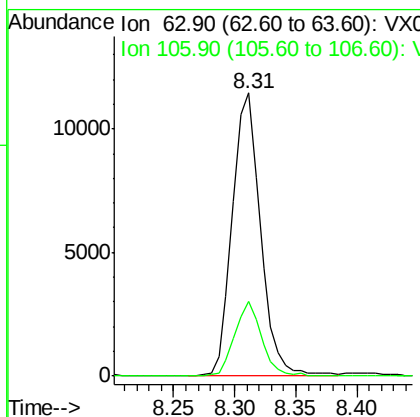
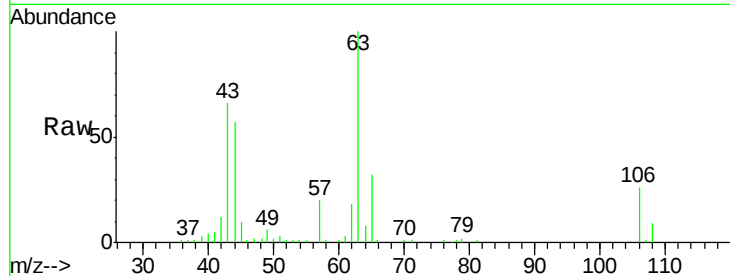
#58  
2-Chloroethyl Vinyl ether  
Concen: 6.108 ug/l  
RT: 8.31 min Scan# 1174  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC001

Tot Ion: 63 Resp: 18333  
Ion Ratio Lower Upper  
63 100  
106 24.9 19.8 29.6

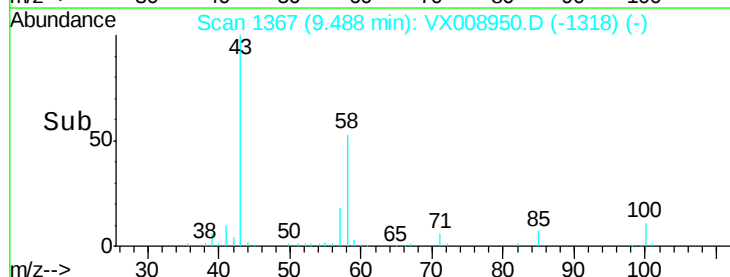
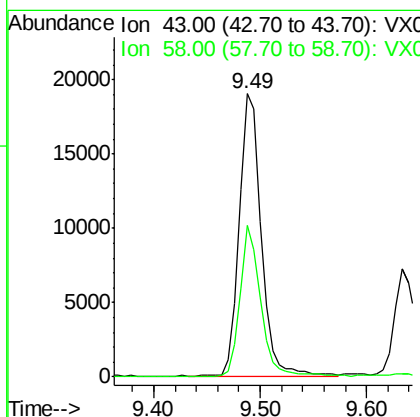
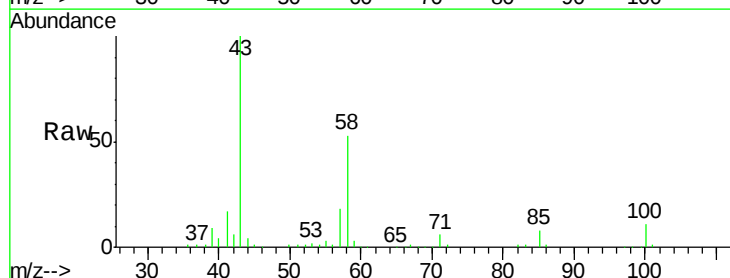
Manual Integrations  
APPROVED

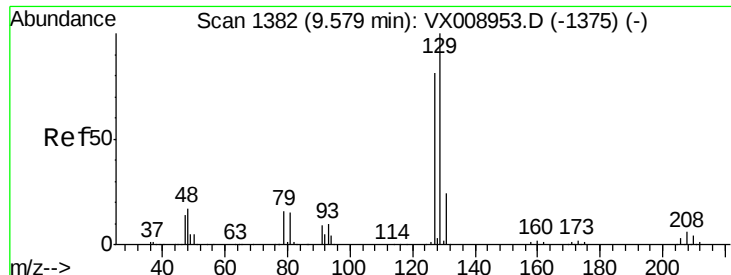
MMDadoda  
4/16/2019 10:52:41 AM



#59  
2-Hexanone  
Concen: 5.896 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Tgt Ion: 43 Resp: 28146  
Ion Ratio Lower Upper  
43 100  
58 49.6 25.9 77.8





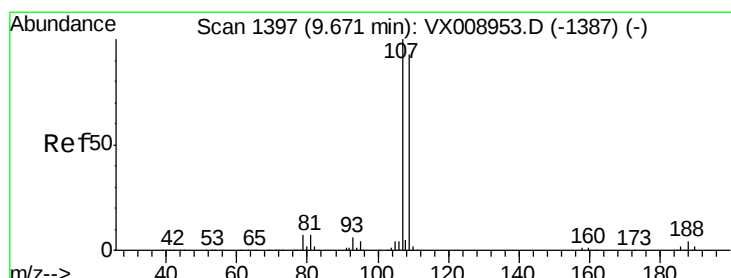
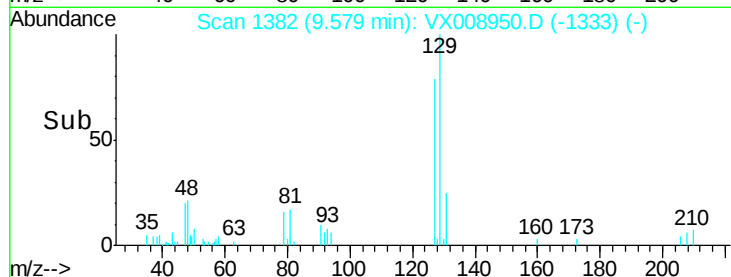
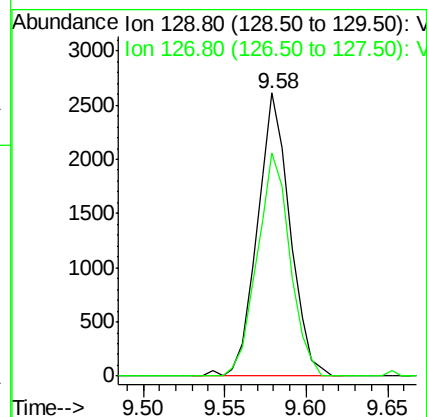
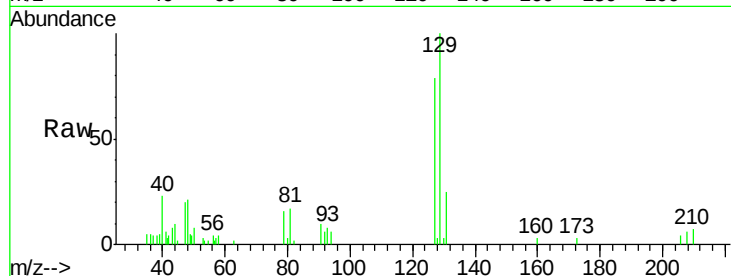
#60  
 Dibromochloromethane  
 Concen: 1.190 ug/l  
 RT: 9.58 min Scan# 1382  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tot Ion:129 Resp: 3629  
 Ion Ratio Lower Upper  
 129 100  
 127 79.6 39.1 117.2

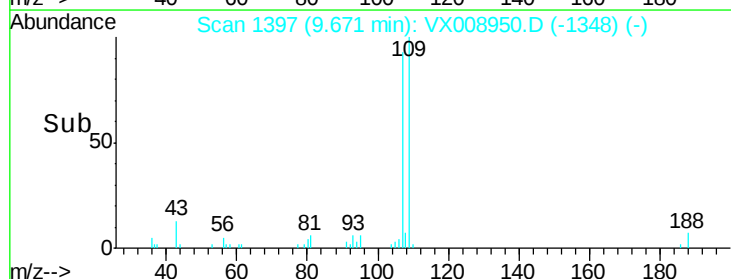
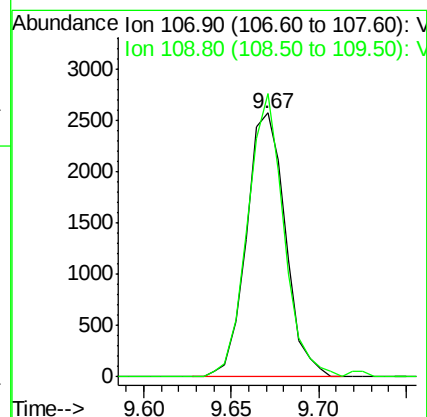
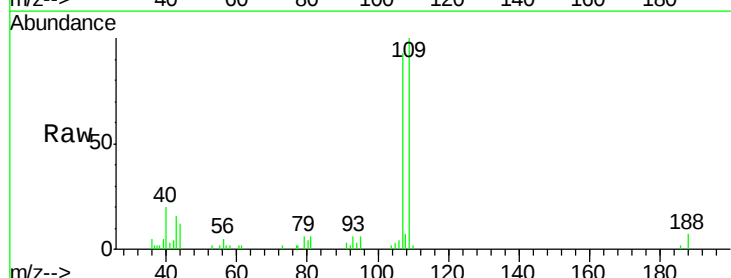
Manual Integrations  
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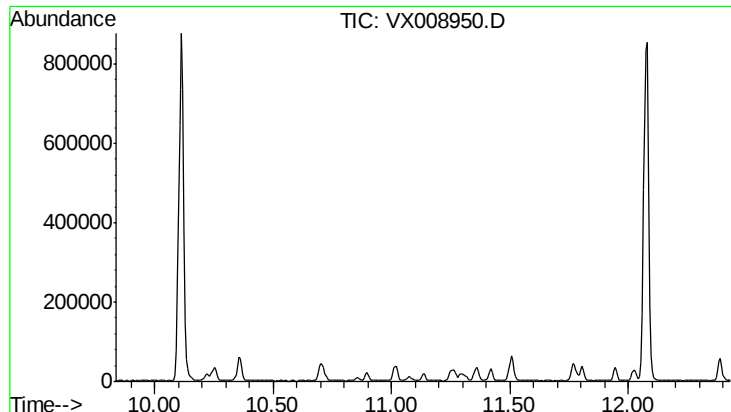
MMDadoda  
 4/16/2019 10:52:41 AM



#61  
 1,2-Dibromoethane  
 Concen: 1.193 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Tgt Ion:107 Resp: 4008  
 Ion Ratio Lower Upper  
 107 100  
 109 100.1 74.4 111.6





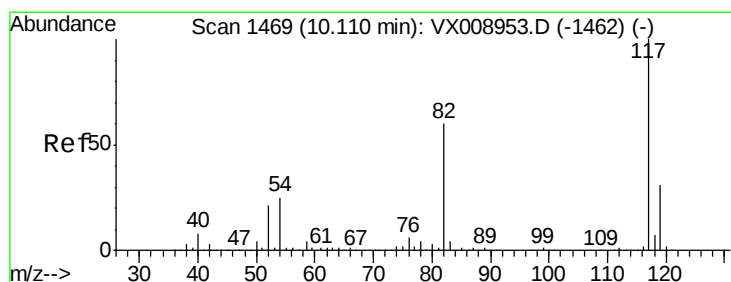
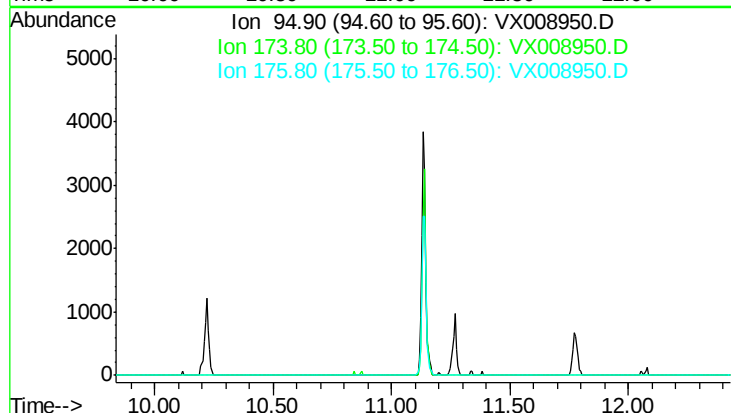
#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 11.13 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

| Tot Ion | 95        |
|---------|-----------|
| Sig     | Exp Ratio |
| 95      | 100       |
| 174     | 79.8      |
| 176     | 77.4      |

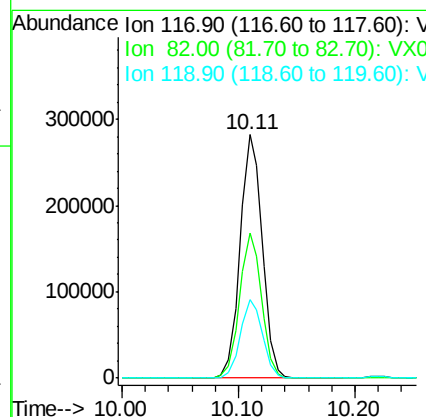
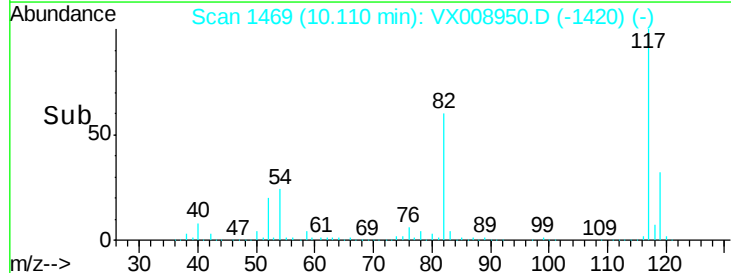
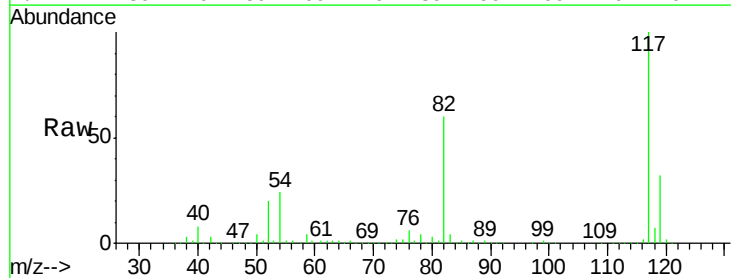
Manual Integrations  
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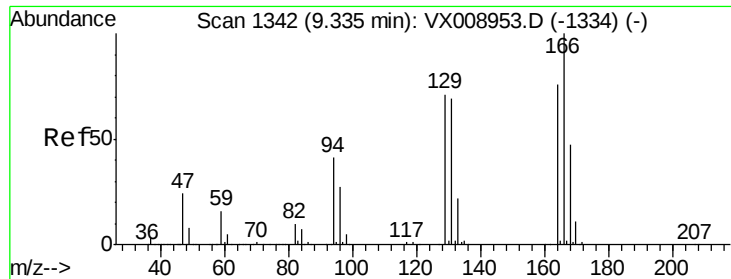
MMDadoda  
4/16/2019 10:52:41 AM



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

| Tgt Ion | 117   | Resp  | 374694 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 117     | 100   |       |        |
| 82      | 59.8  | 48.2  | 72.4   |
| 119     | 32.1  | 25.0  | 37.6   |





#64

Tetrachloroethene

Concen: 1.489 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.01 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

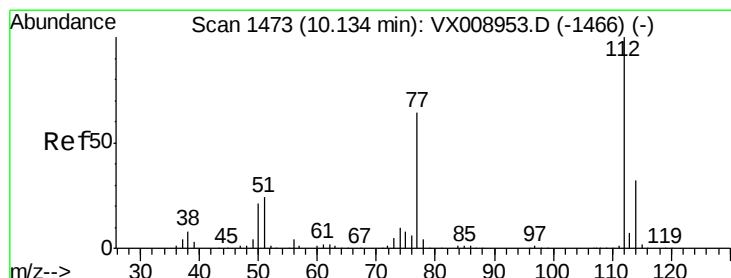
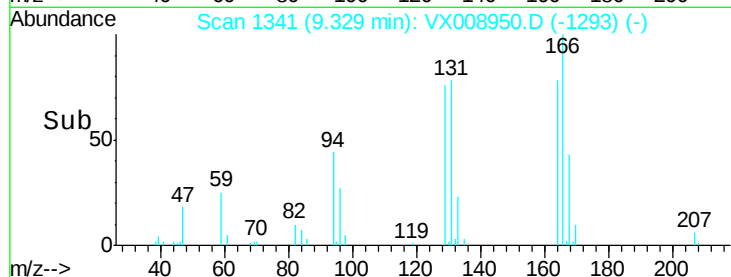
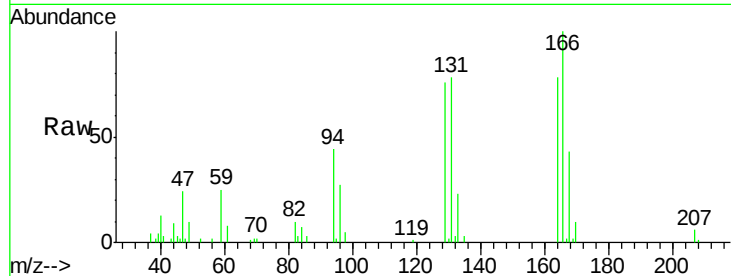
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 164   | Resp: | 4115  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 128.9 | 105.0 | 157.4 |
| 129      | 97.6  | 74.2  | 111.4 |
| 131      | 100.0 | 72.2  | 108.2 |

Manual Integrations  
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#65

Chlorobenzene

Concen: 1.322 ug/l

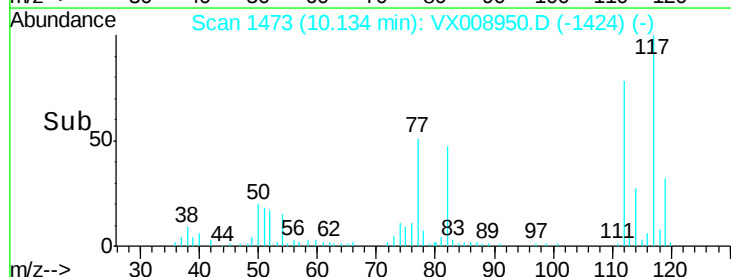
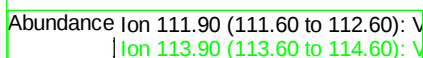
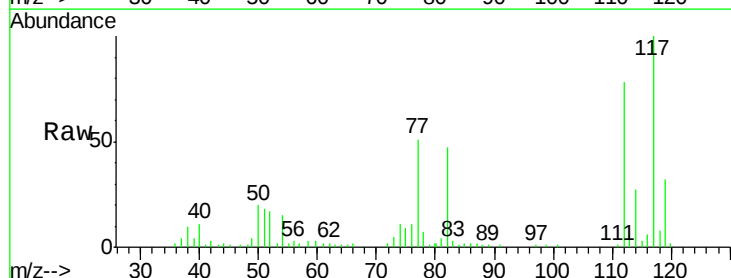
RT: 10.13 min Scan# 1473

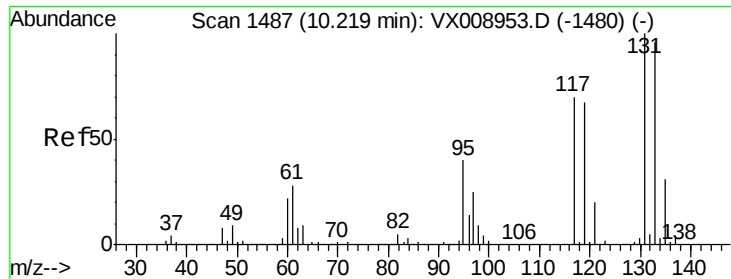
Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 10795 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 34.3  | 25.4  | 38.0  |





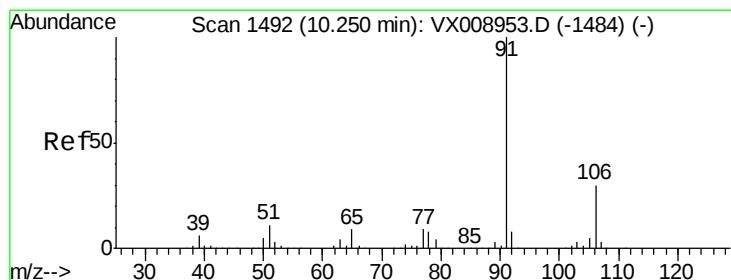
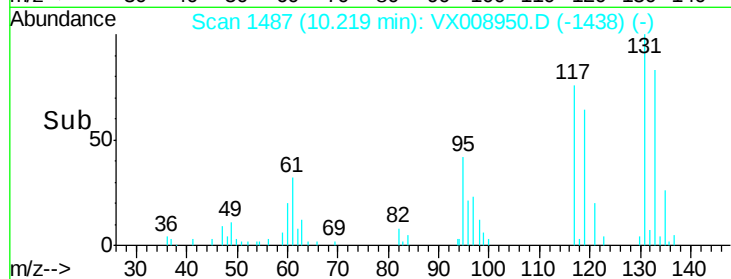
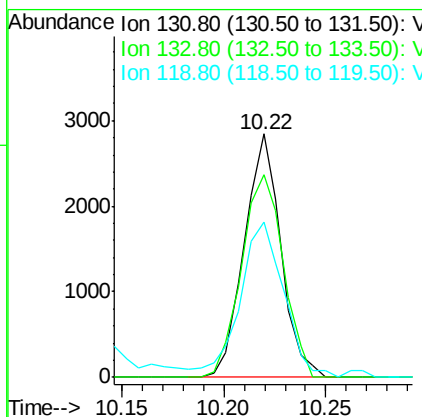
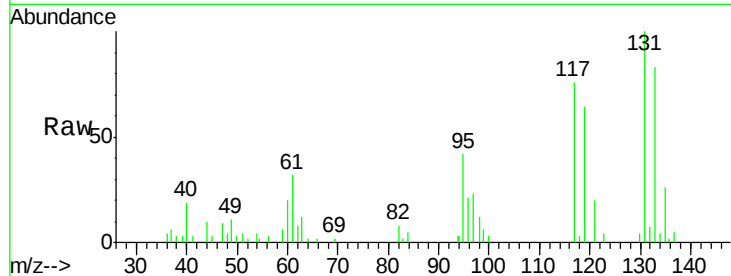
#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 1.236 ug/l  
 RT: 10.22 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tot Ion:131 Resp: 3539  
 Ion Ratio Lower Upper  
 131 100  
 133 94.7 48.0 144.2  
 119 0.0 33.7 101.1#

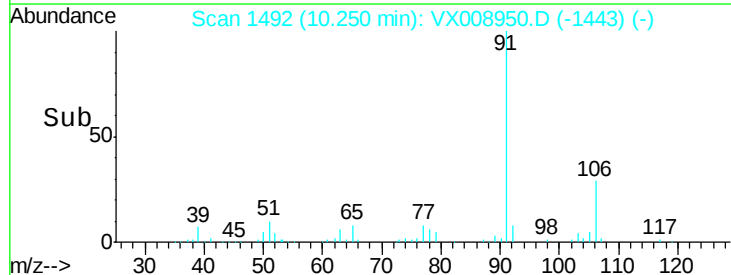
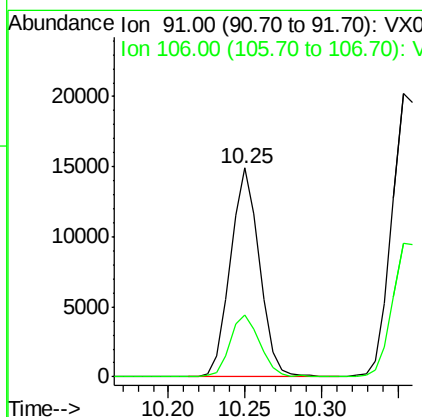
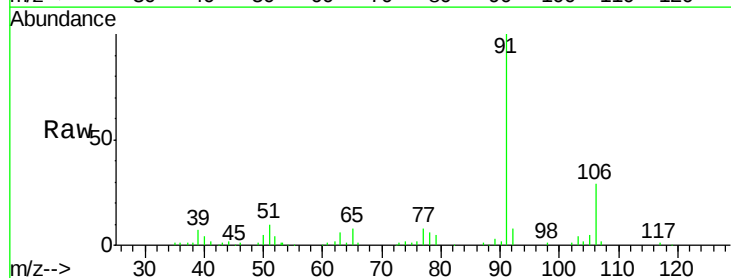
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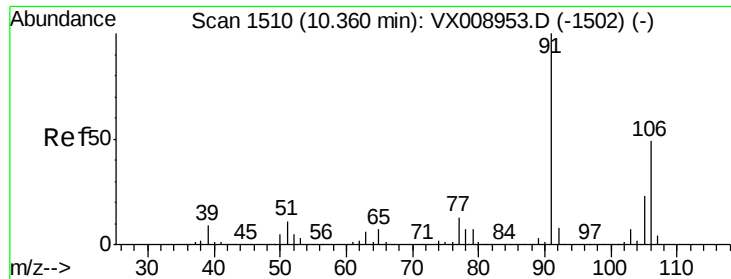
MMDadoda  
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#67  
 Ethyl Benzene  
 Concen: 1.297 ug/l  
 RT: 10.25 min Scan# 1492  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Tgt Ion: 91 Resp: 19689  
 Ion Ratio Lower Upper  
 91 100  
 106 29.5 24.3 36.5





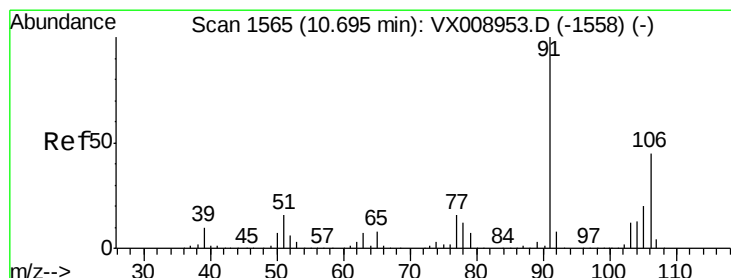
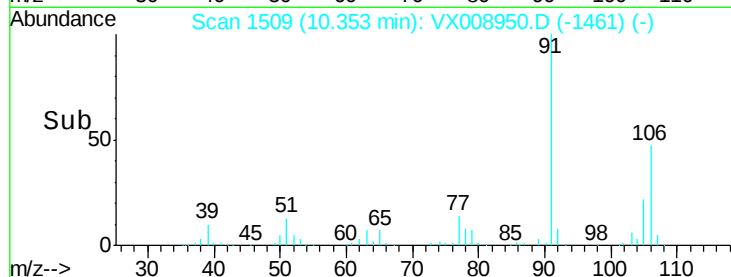
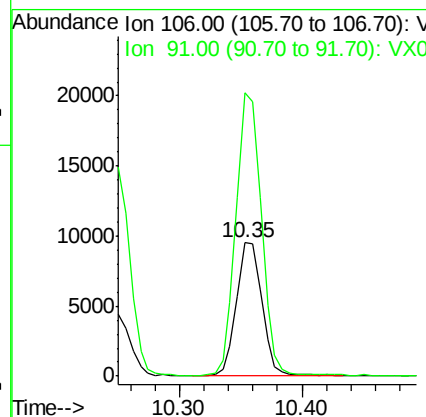
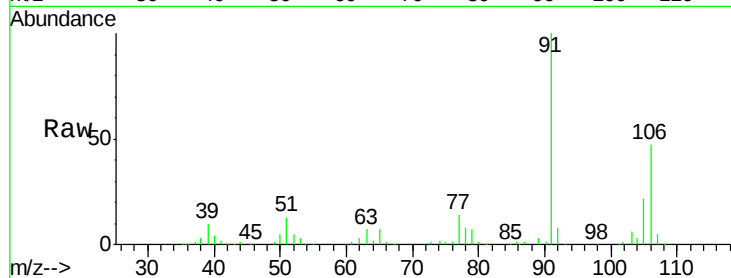
#68  
m/p-Xvlenes  
Concen: 2.525 ug/l  
RT: 10.35 min Scan# 1509  
Delta R.T. -0.01 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tot Ion:106 Resp: 13799  
Ion Ratio Lower Upper  
106 100  
91 209.0 165.4 248.2

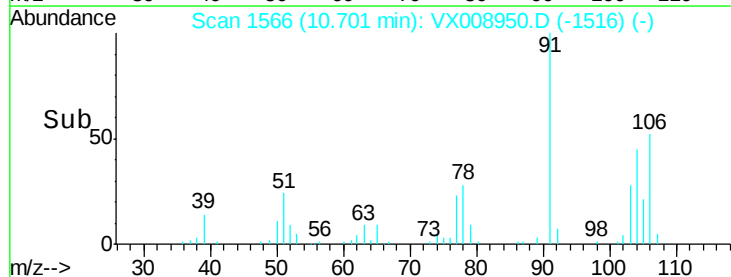
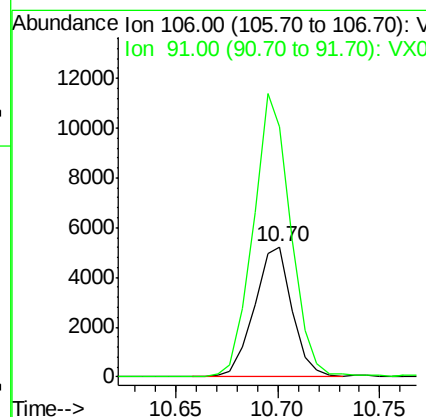
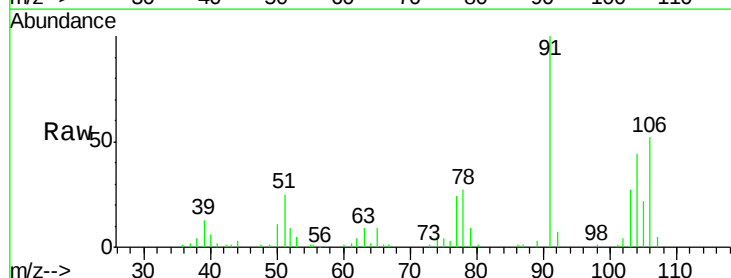
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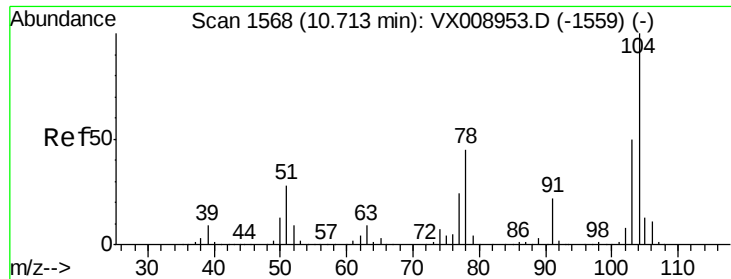
MMDadoda  
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#69  
o-Xylene  
Concen: 1.272 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.01 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Tgt Ion:106 Resp: 6738  
Ion Ratio Lower Upper  
106 100  
91 215.5 108.9 326.7





#70

Stvrene

Concen: 1.211 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

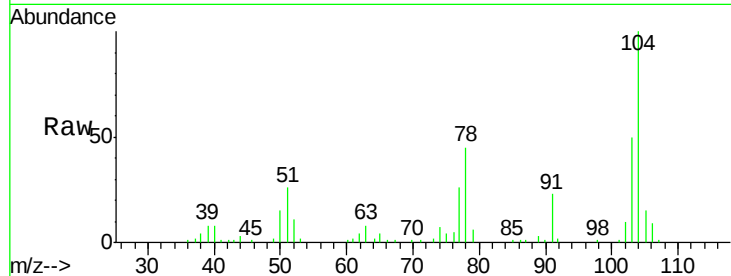
ClientSampleId :

VSTDIC001

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 104   | Resp: | 11064 |
| Ion Ratio | Lower | Upper |       |
| 104       | 100   |       |       |
| 78        | 53.1  | 41.2  | 61.8  |
| 103       | 57.4  | 43.9  | 65.9  |

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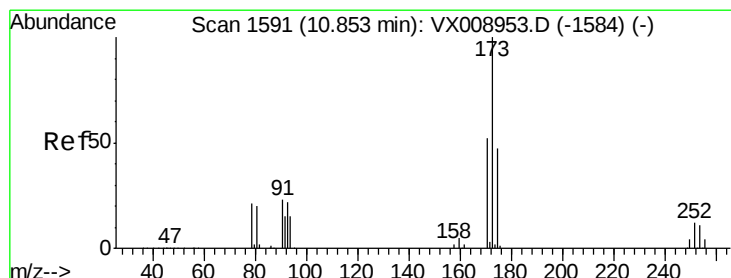
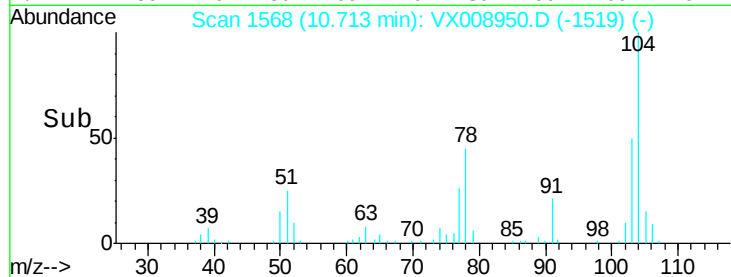
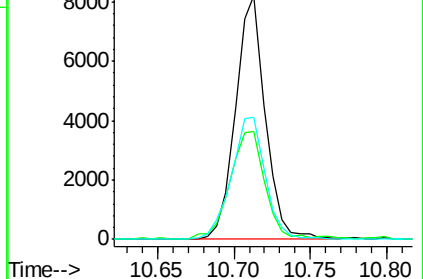
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Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 1.242 ug/l

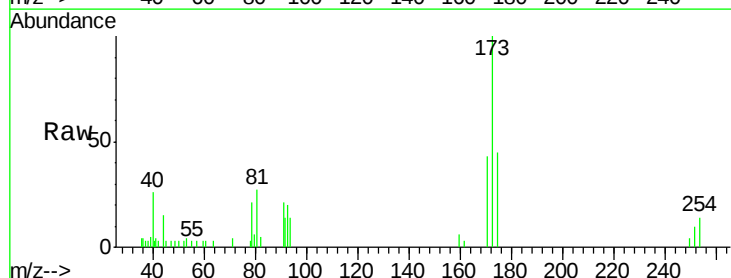
RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

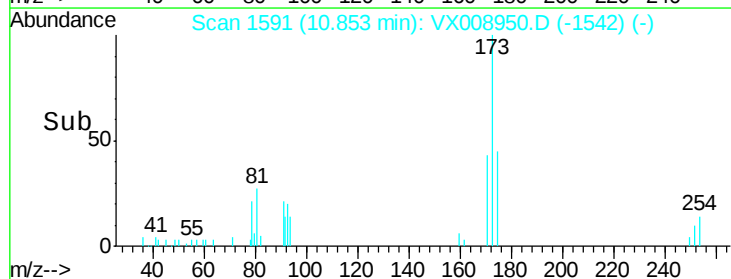
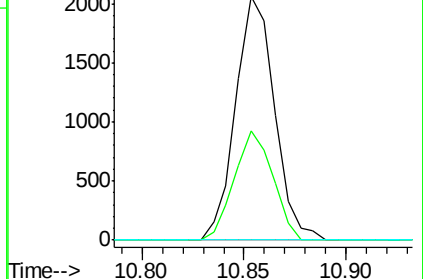
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 2729 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 44.3  | 23.9  | 71.8 |
| 254       | 0.0   | 0.2   | 0.4# |

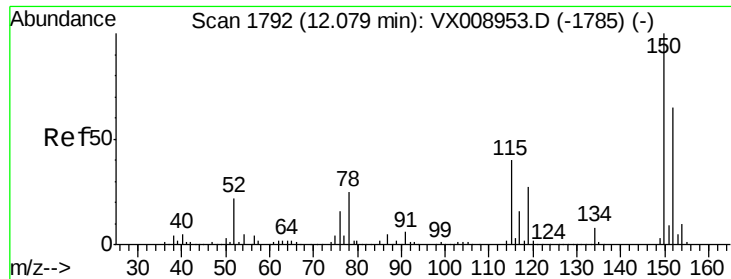


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 176354

Ion Ratio Lower Upper

152 100

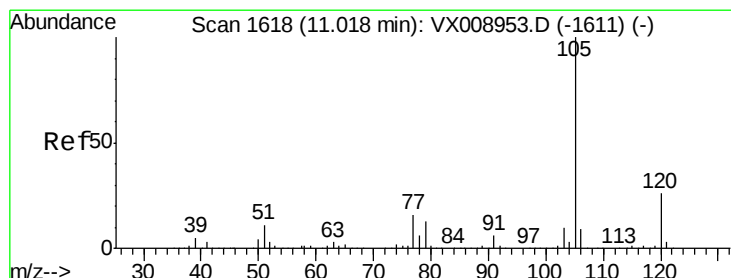
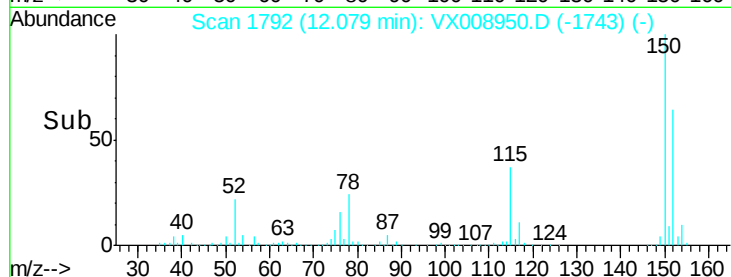
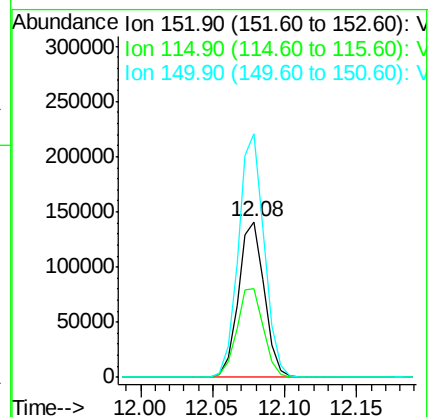
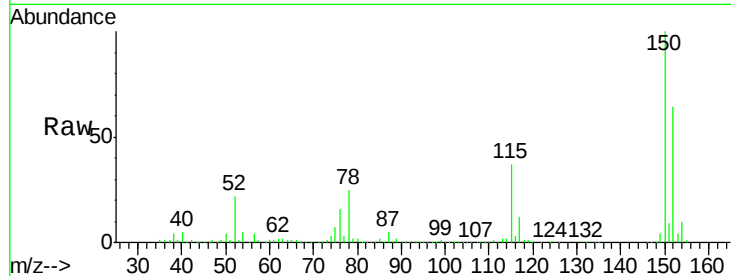
115 59.4 41.4 124.2

150 156.4 0.0 349.8

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#73

Isopropylbenzene

Concen: 1.246 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008950.D

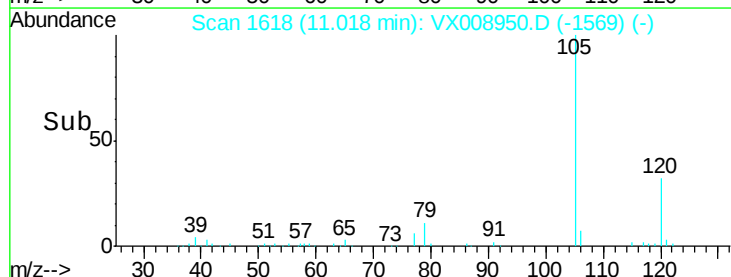
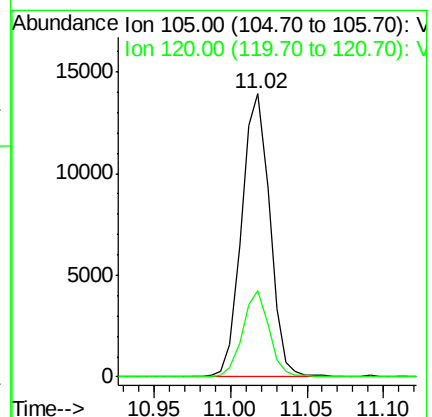
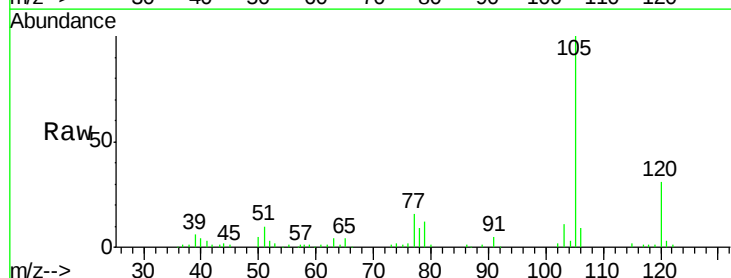
Acq: 15 Apr 2019 09:59

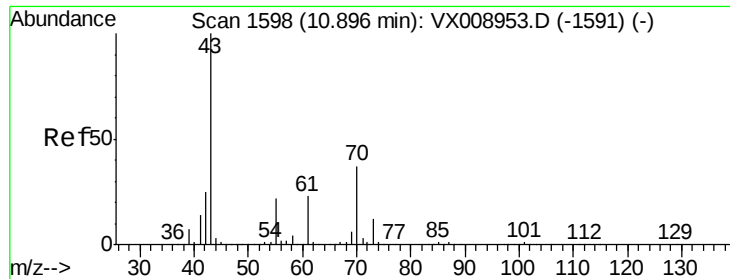
Tgt Ion:105 Resp: 17793

Ion Ratio Lower Upper

105 100

120 28.6 12.9 38.7





#74

N-amvl acetate

Concen: 1.145 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

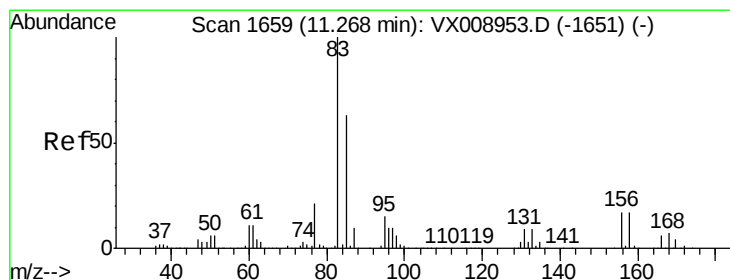
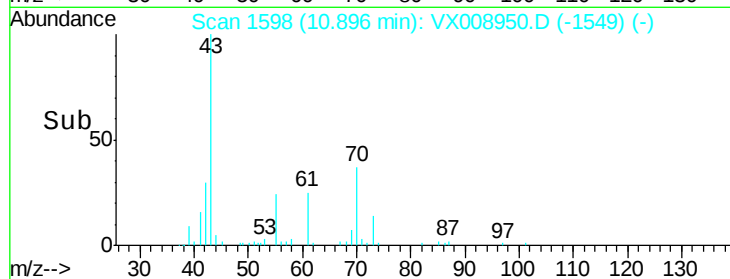
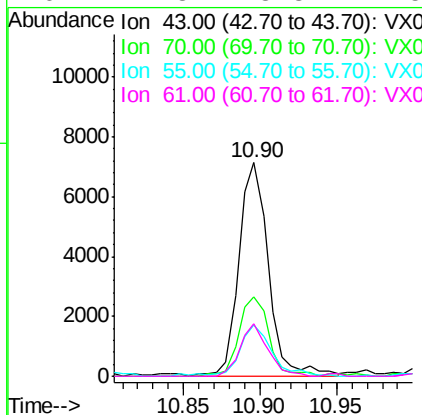
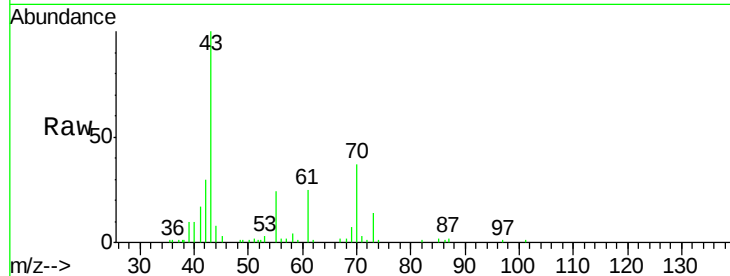
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 9614  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 37.7  | 29.9  | 44.9  |
| 55       | 26.7  | 17.8  | 26.8  |
| 61       | 22.8  | 18.3  | 27.5  |

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.222 ug/l

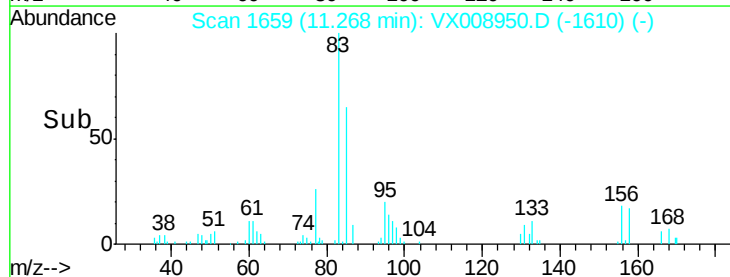
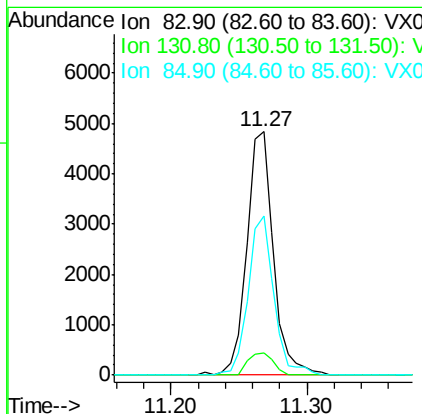
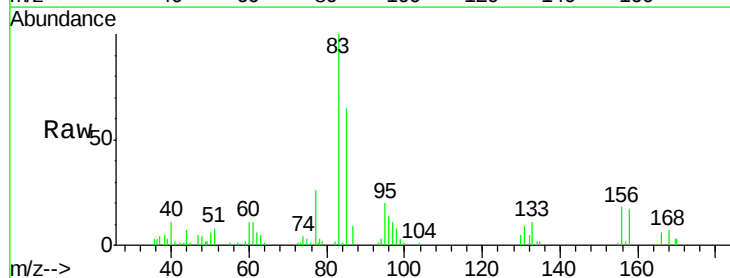
RT: 11.27 min Scan# 1659

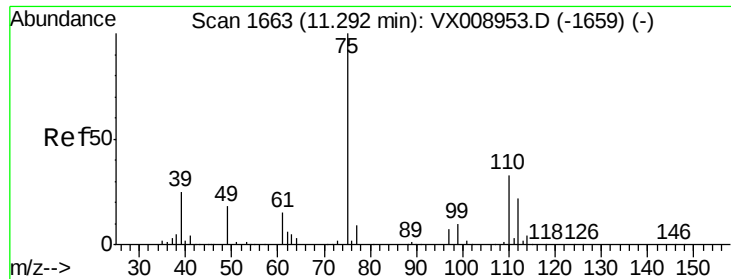
Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 6618  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 8.7   | 4.7   | 14.0  |
| 85       | 63.3  | 31.9  | 95.9  |





#76

1,2,3-Trichloropropane

Concen: 1.289 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 6097

Ion Ratio Lower Upper

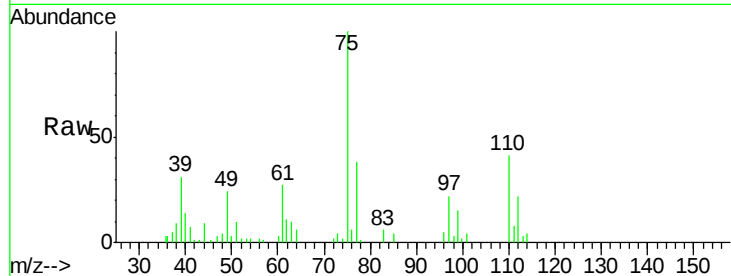
75 100

77 42.2 22.7 68.0

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Abundance Ion 74.90 (74.60 to 75.60): VX008950.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX008950.D (-1659) (-)

6000

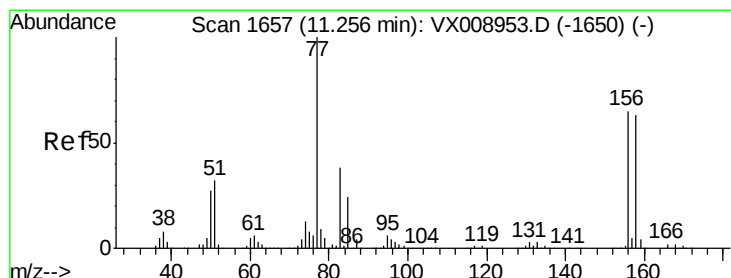
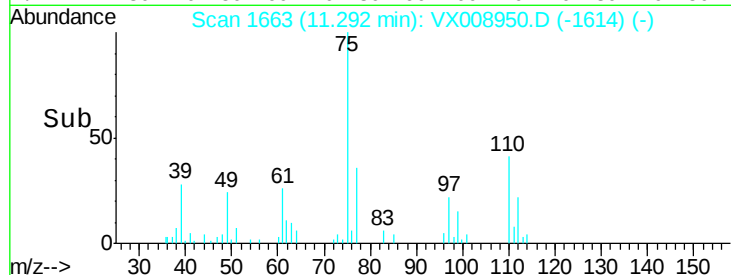
4000

2000

0

11.26 11.28 11.30 11.32

Time-->



#77

Bromobenzene

Concen: 1.310 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

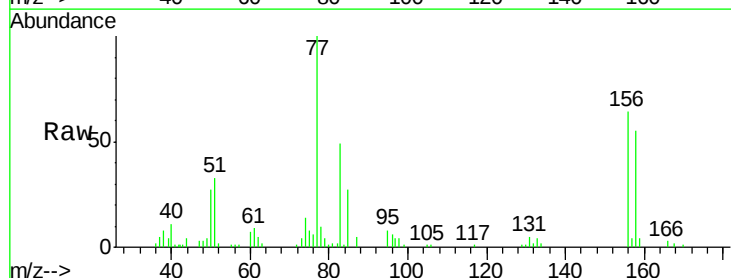
Tgt Ion: 156 Resp: 4521

Ion Ratio Lower Upper

156 100

77 168.6 85.4 256.1

158 93.4 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): VX008950.D (-1650) (-)

Ion 77.00 (76.70 to 77.70): VX008950.D (-1650) (-)

Ion 157.80 (157.50 to 158.50): VX008950.D (-1650) (-)

8000

6000

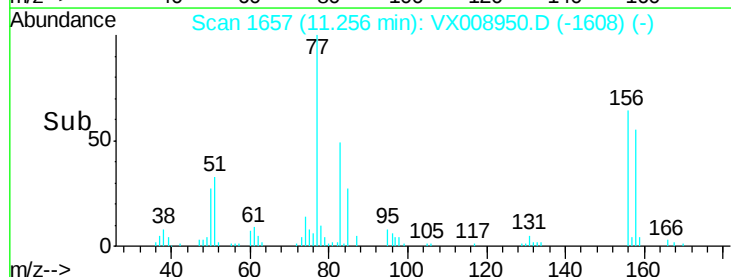
4000

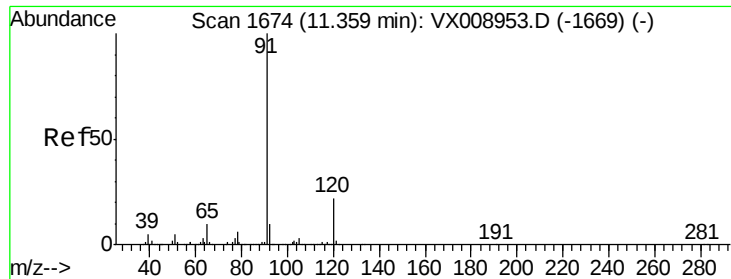
2000

0

11.20 11.25 11.30

Time-->





#78

n-propylbenzene

Concen: 1.217 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 20213

Ion Ratio Lower Upper

91 100

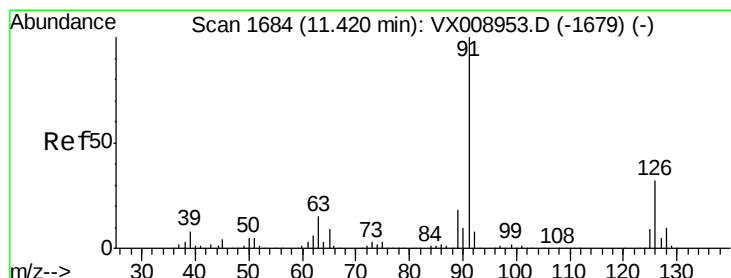
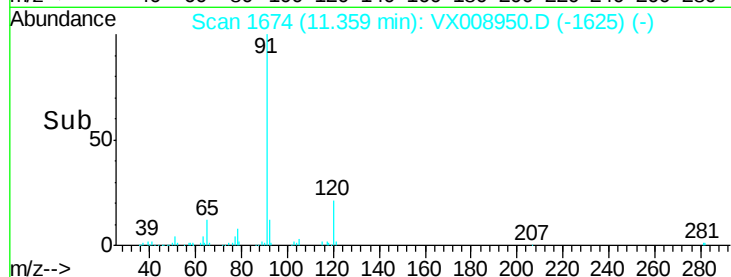
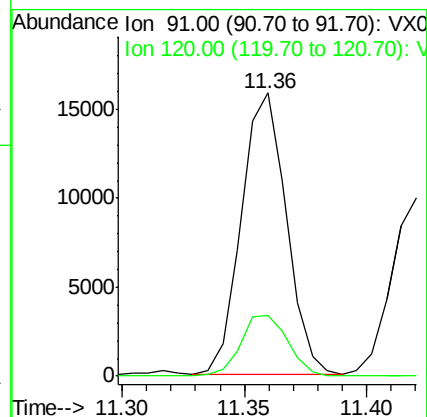
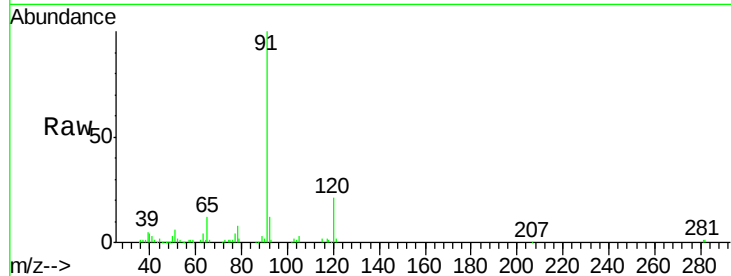
120 22.3 10.9 32.9

Manual Integrations

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#79

2-Chlorotoluene

Concen: 1.258 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008950.D

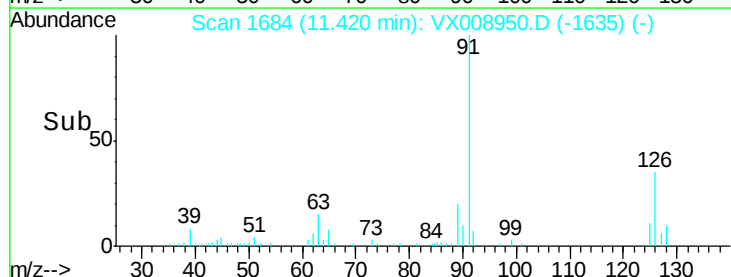
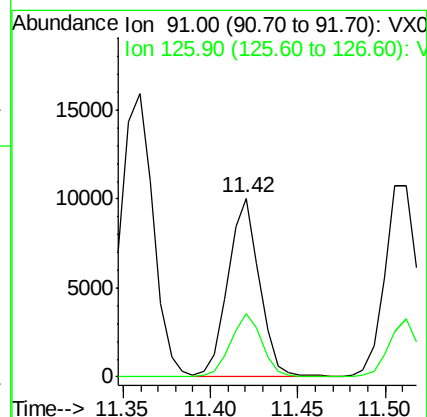
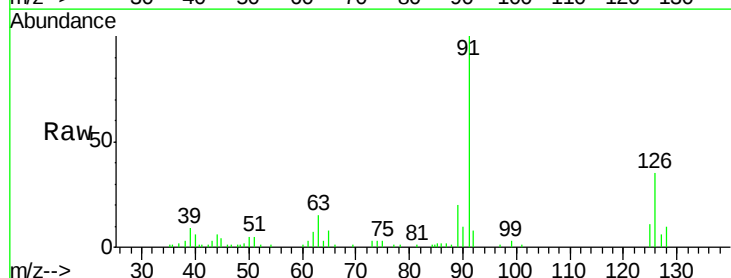
Acq: 15 Apr 2019 09:59

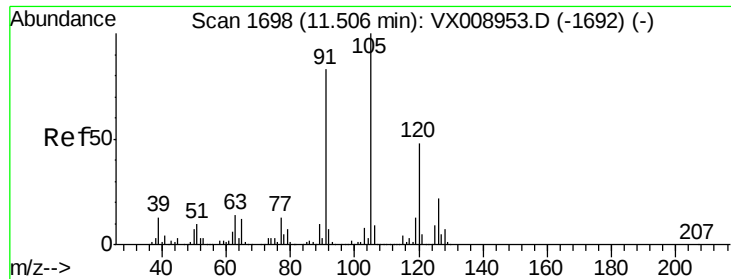
Tgt Ion: 91 Resp: 12642

Ion Ratio Lower Upper

91 100

126 34.7 16.3 48.9





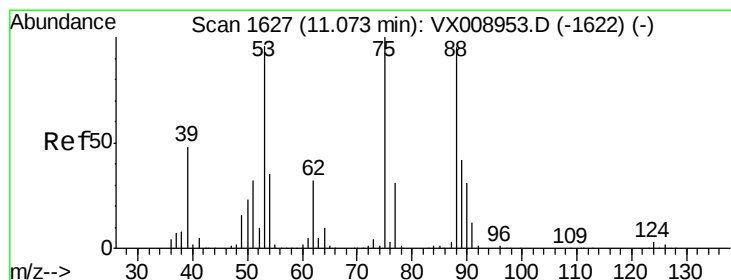
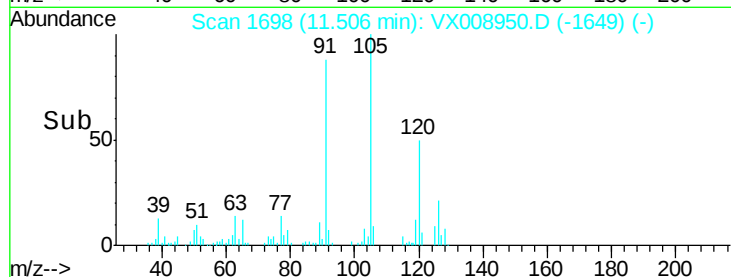
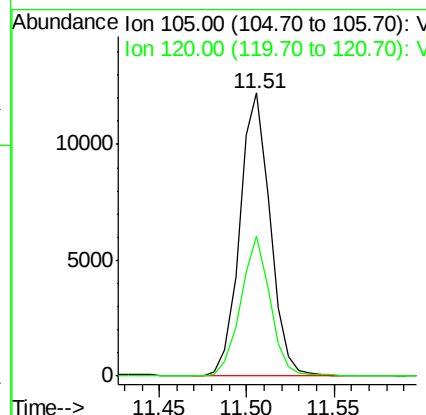
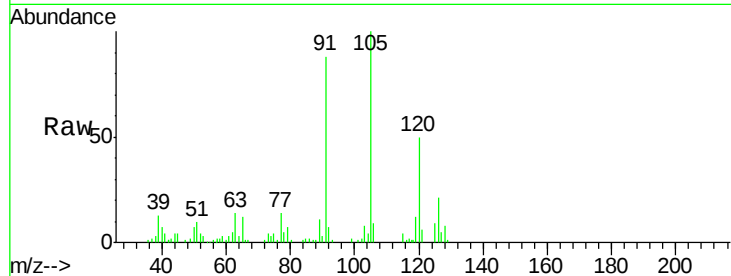
#80  
 1,3,5-Trimethylbenzene  
 Concen: 1.233 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 48.2  | 24.1  | 72.3  |

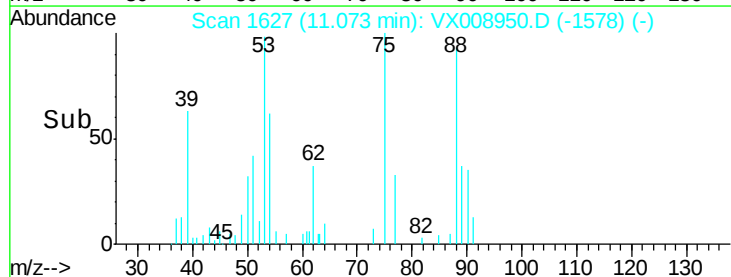
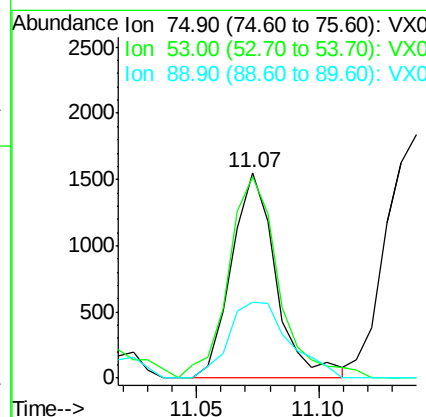
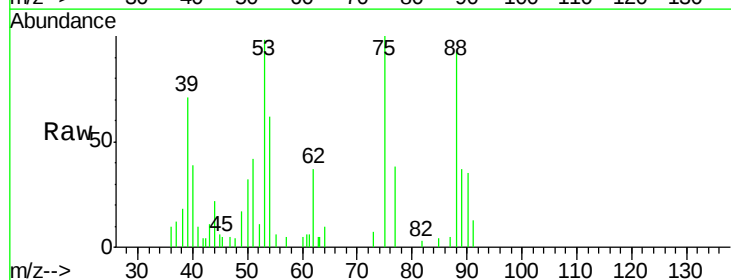
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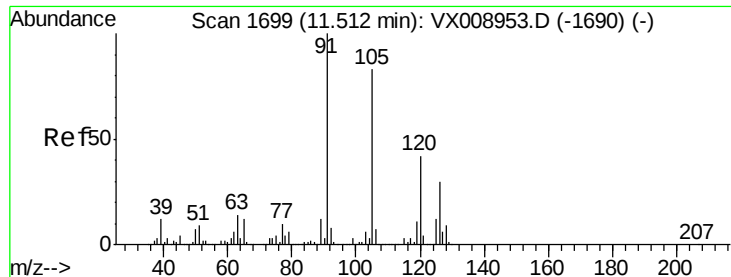
MMDadoda  
 4/16/2019 10:52:41 AM



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 1.135 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 110.8 | 78.2  | 117.4 |
| 89      | 50.7  | 36.0  | 54.0  |





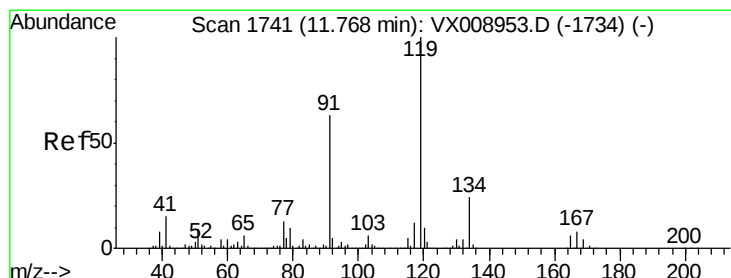
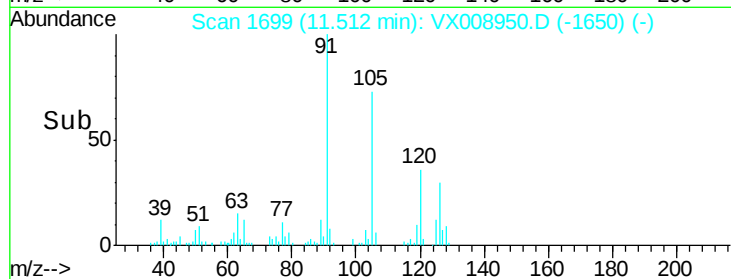
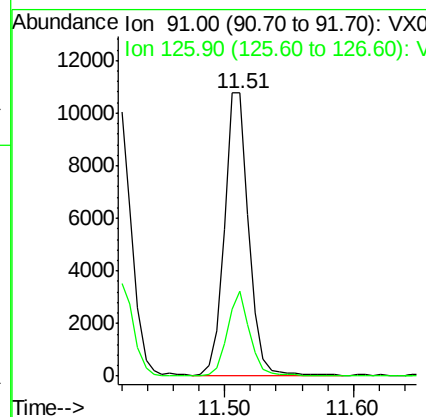
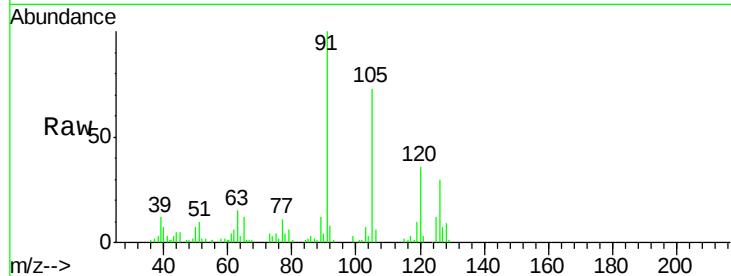
#82  
4-Chlorotoluene  
Concen: 1.239 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 91      | 100  |       | 14416 |       |       |
| 126     | 27.5 | 14.3  | 42.9  |       |       |

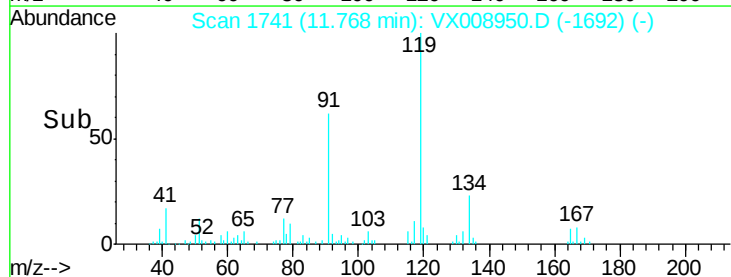
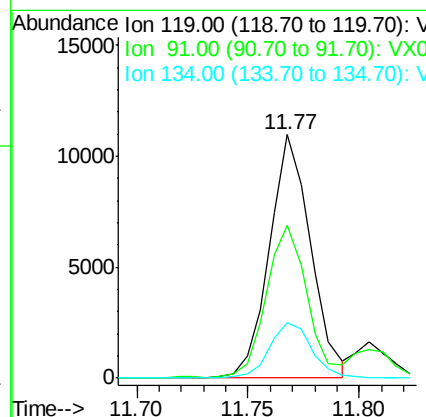
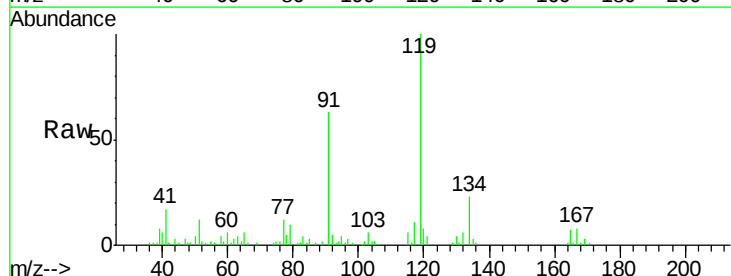
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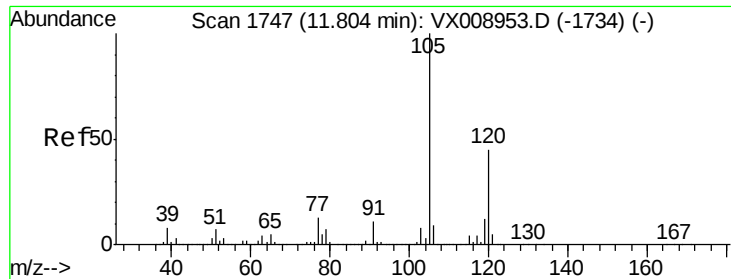
MMDadoda  
4/16/2019 10:52:41 AM



#83  
tert-Butylbenzene  
Concen: 1.227 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 119     | 100  |       | 14142 |       |       |
| 91      | 62.7 | 29.7  | 89.1  |       |       |
| 134     | 23.2 | 11.2  | 33.5  |       |       |





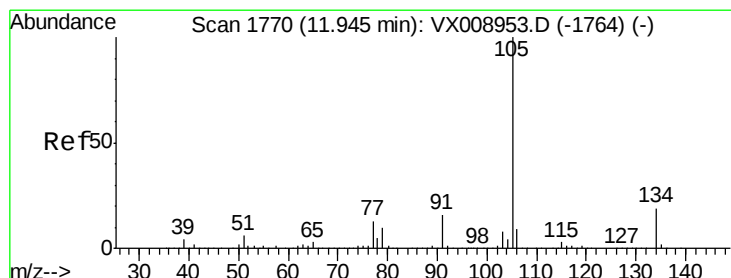
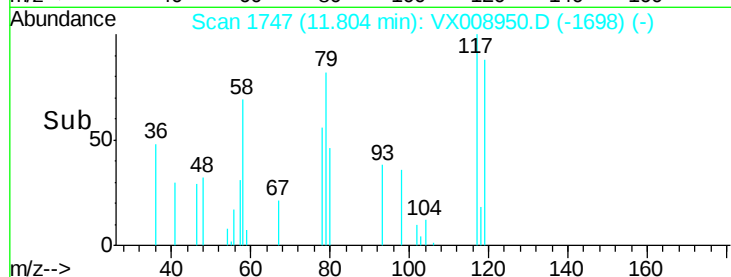
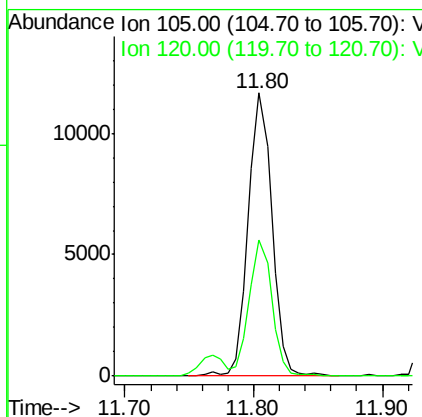
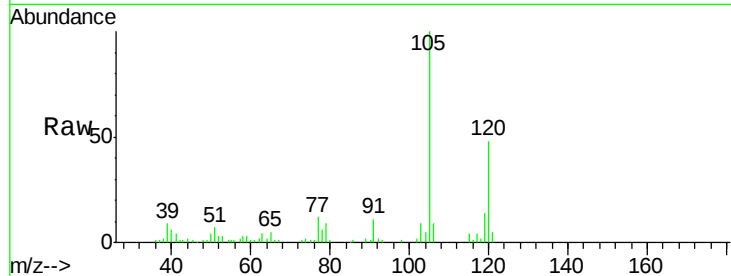
#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.222 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.5  | 21.9  | 65.8  |

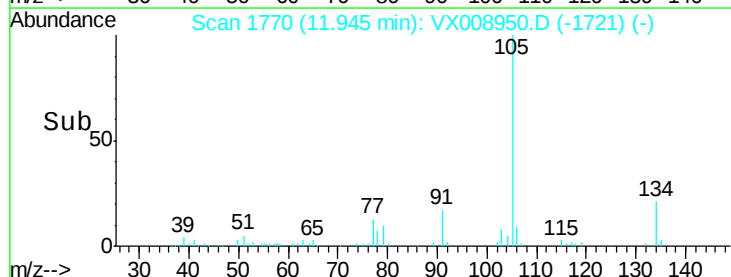
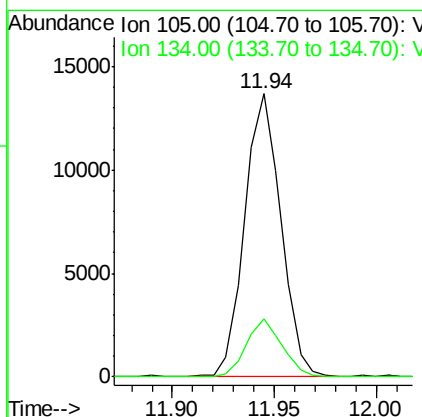
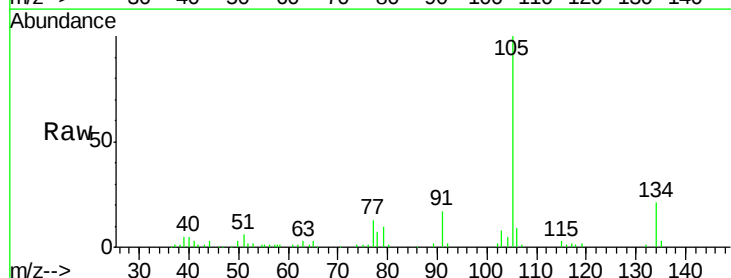
Manual Integrations  
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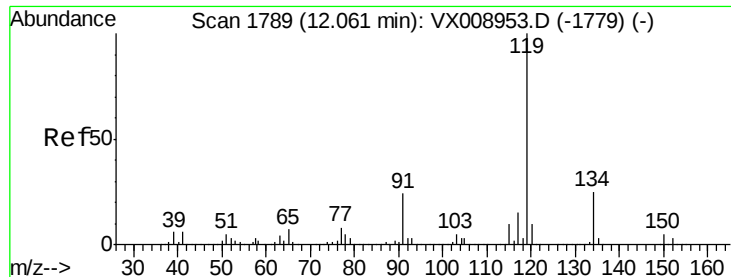
MMDadoda  
 4/16/2019 10:52:41 AM



#85  
 sec-Butylbenzene  
 Concen: 1.234 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.3  | 9.6   | 28.6  |





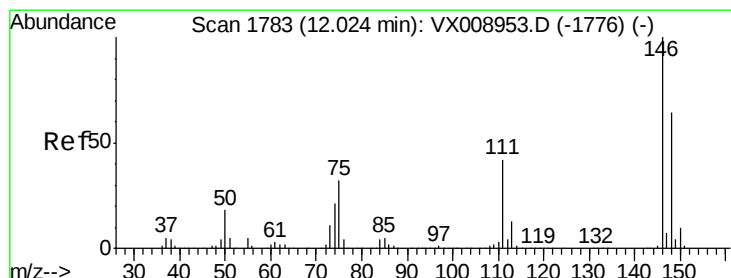
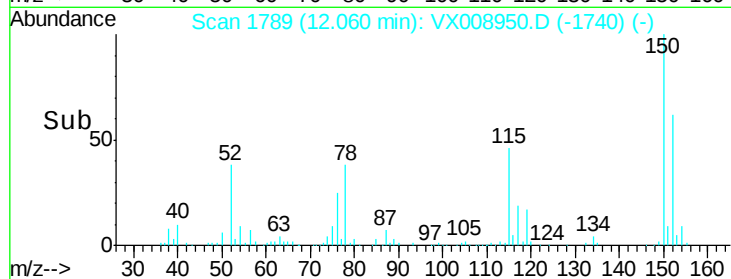
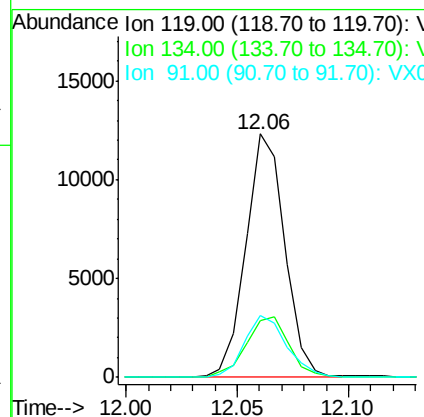
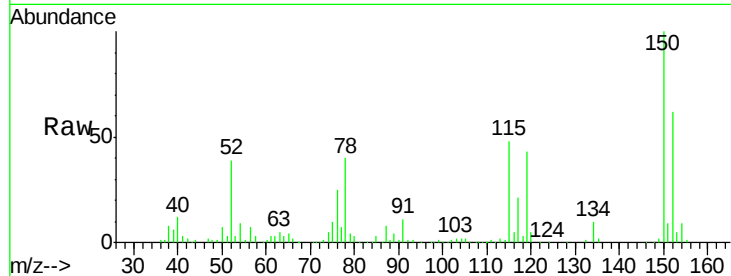
#86  
p-Isopropyltoluene  
Concen: 1.221 ug/l  
RT: 12.06 min Scan# 1789  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 119     | 100   | 15045 |       |       |
| 134     | 27.3  | 12.9  | 38.6  |       |
| 91      | 27.7  | 11.9  | 35.5  |       |

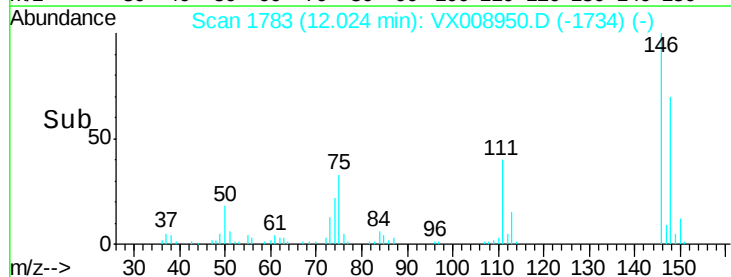
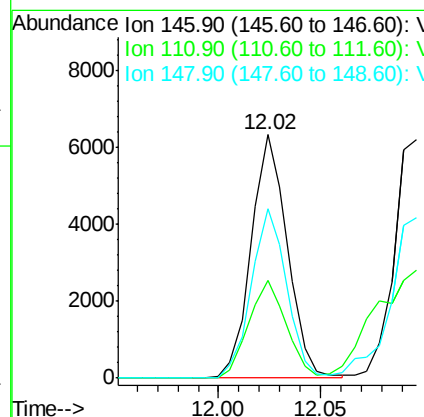
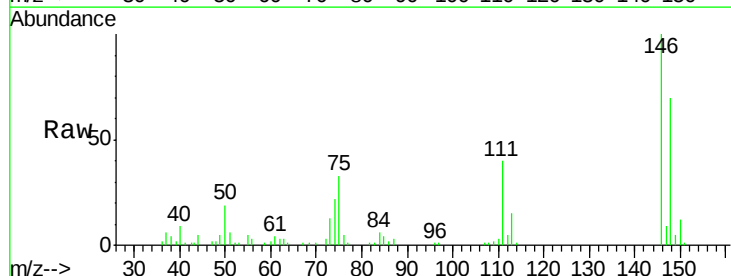
Manual Integrations  
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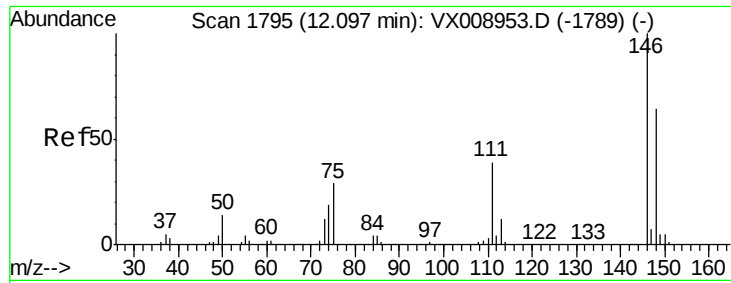
MMDadoda  
4/16/2019 10:52:41 AM



#87  
1,3-Dichlorobenzene  
Concen: 1.263 ug/l  
RT: 12.02 min Scan# 1783  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   | 7800 |       |       |
| 111     | 41.4  | 20.5 | 61.6  |       |
| 148     | 68.3  | 32.2 | 96.6  |       |





#88

1,4-Dichlorobenzene

Concen: 1.304 ug/l m

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

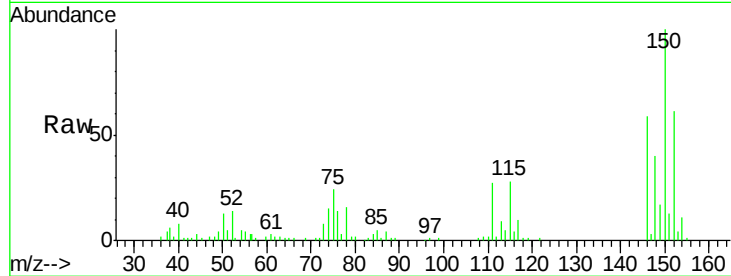
ClientSampleId :

VSTDIC001

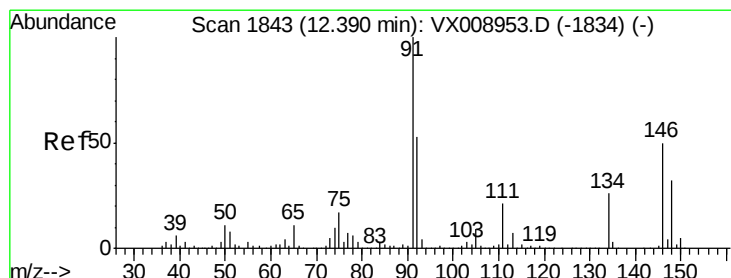
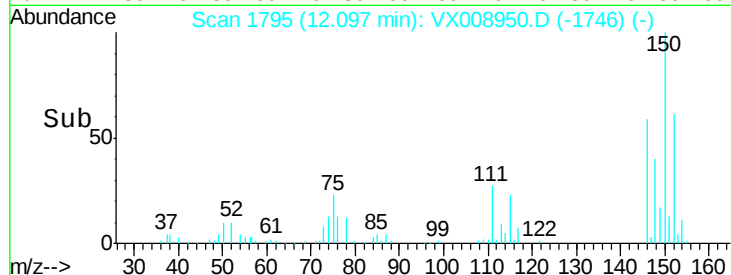
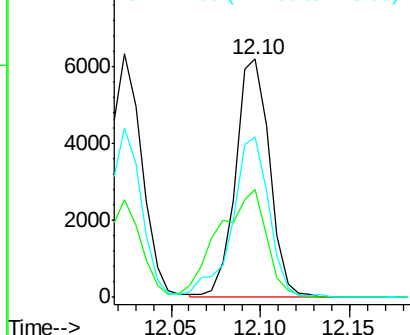
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 146   | Resp: | 8171 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 111       | 39.6  | 20.0  | 59.9 |
| 148       | 65.2  | 32.2  | 96.6 |

Manual Integrations  
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4/16/2019 10:52:41 AM



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 1.234 ug/l

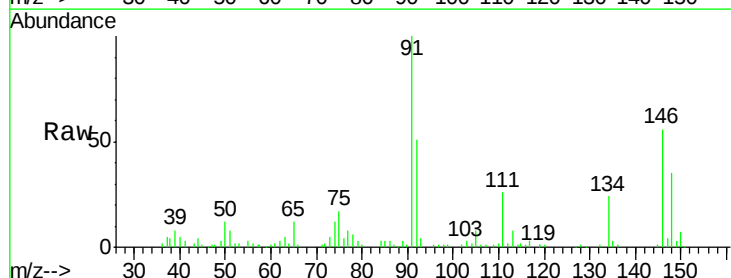
RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

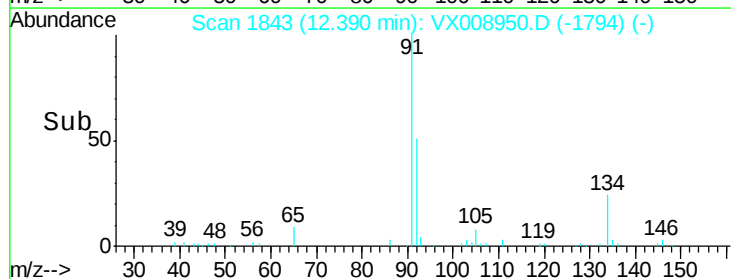
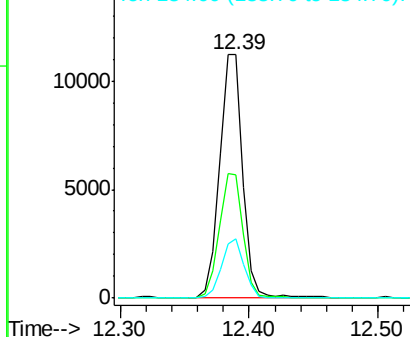
Lab File: VX008950.D

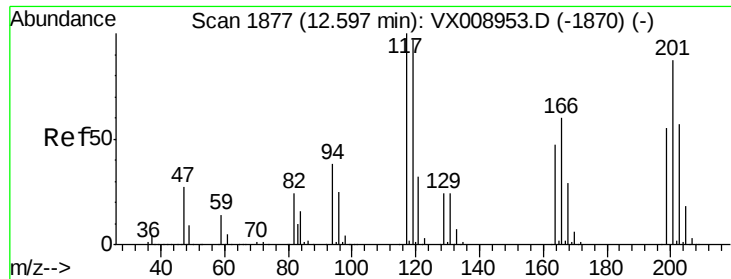
Acq: 15 Apr 2019 09:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 14244 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 92        | 52.5  | 26.6  | 79.8  |
| 134       | 23.8  | 12.4  | 37.2  |



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 92.00 (91.70 to 92.70): VX0  
Ion 134.00 (133.70 to 134.70): V





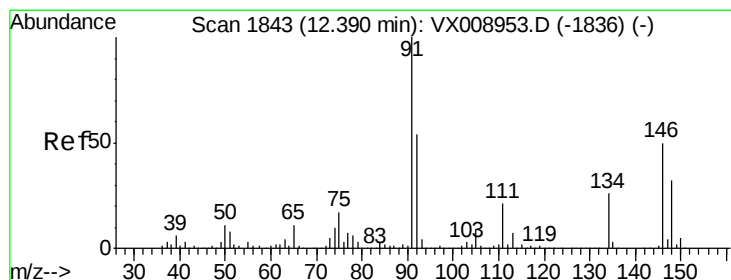
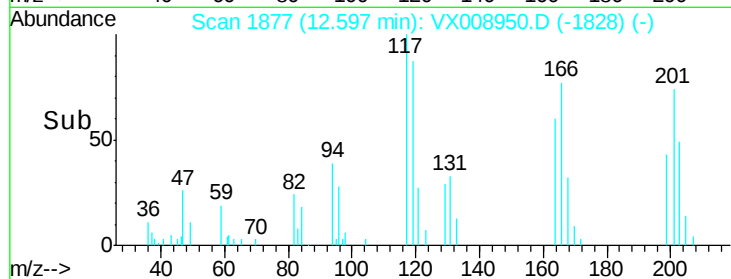
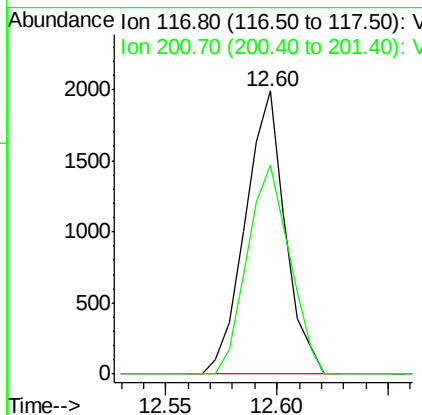
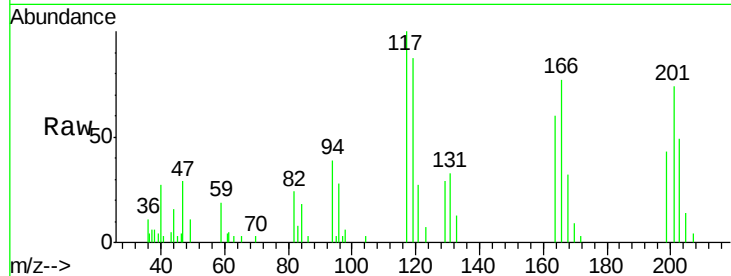
#90  
Hexachloroethane  
Concen: 1.212 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tot Ion:117 Resp: 2480  
Ion Ratio Lower Upper  
117 100  
201 78.8 43.0 129.0

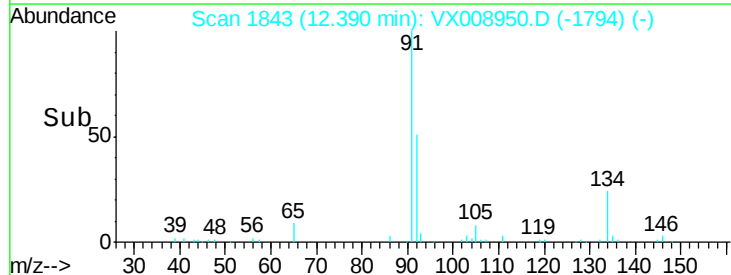
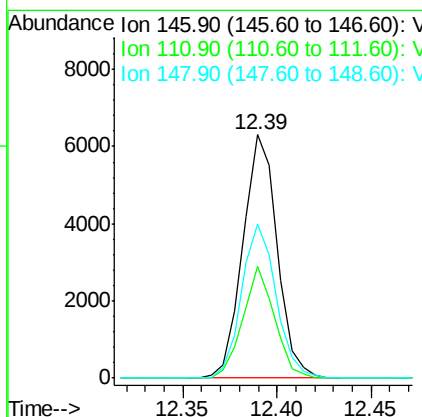
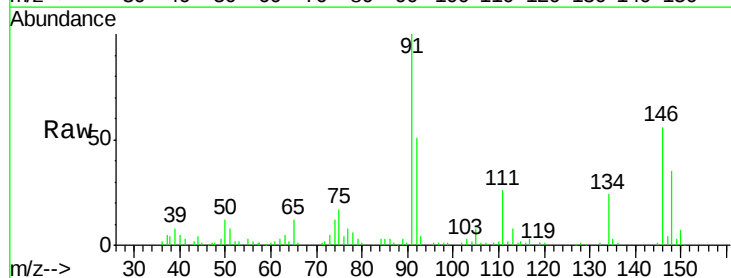
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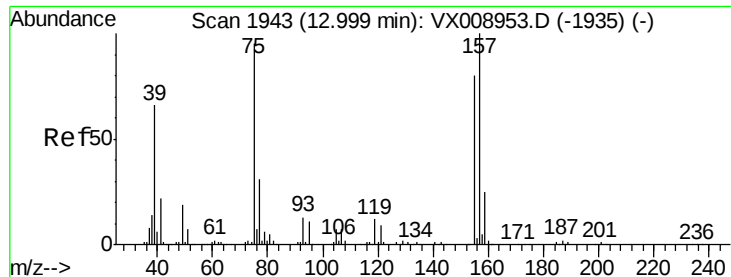
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4/16/2019 10:52:41 AM



#91  
1,2-Dichlorobenzene  
Concen: 1.299 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX008950.D  
Acq: 15 Apr 2019 09:59

Tgt Ion:146 Resp: 7962  
Ion Ratio Lower Upper  
146 100  
111 42.3 20.6 61.9  
148 63.4 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.252 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

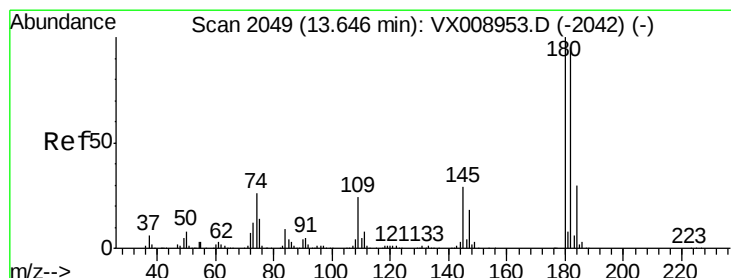
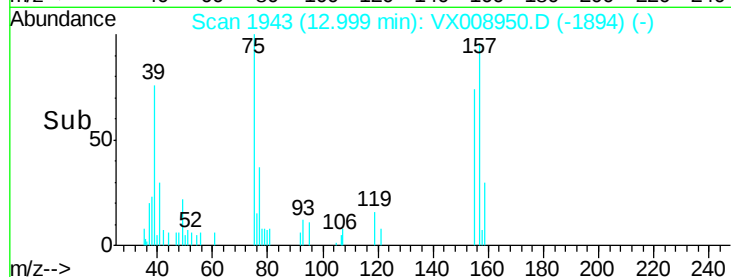
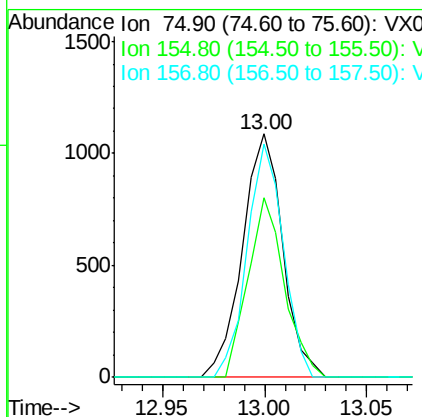
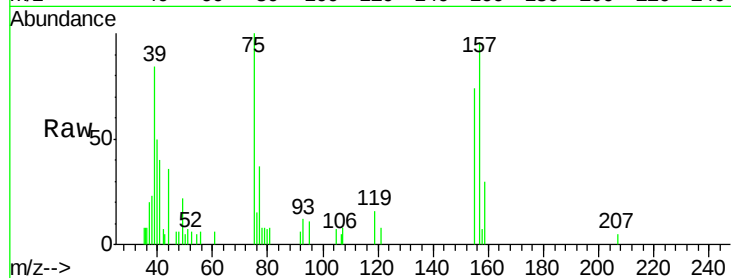
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 1496  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 66.8  | 41.2  | 123.6 |
| 157      | 86.0  | 52.5  | 157.6 |

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4/16/2019 10:52:41 AM



#93

1,2,4-Trichlorobenzene

Concen: 1.256 ug/l

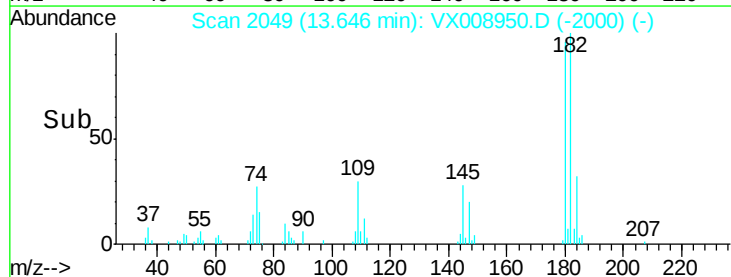
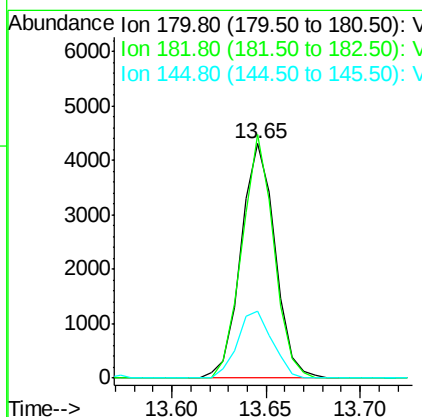
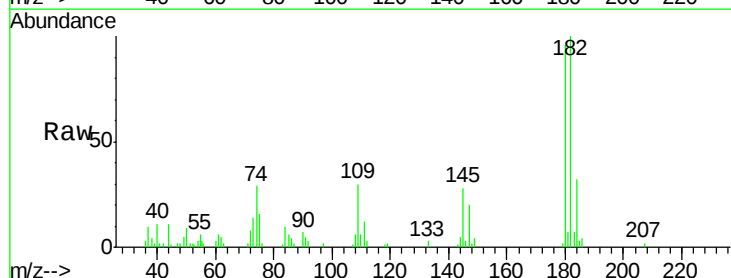
RT: 13.65 min Scan# 2049

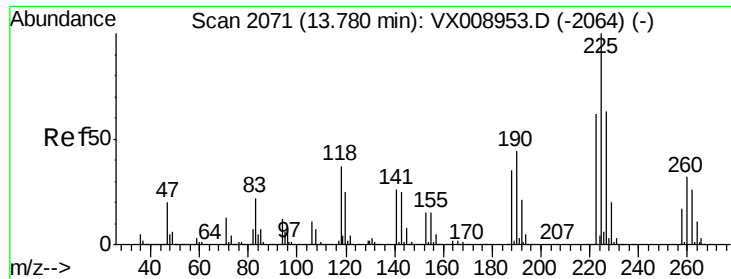
Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 5402  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 96.9  | 47.6  | 142.9 |
| 145      | 29.1  | 14.8  | 44.4  |





#94

Hexachlorobutadiene

Concen: 1.444 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008950.D

Acq: 15 Apr 2019 09:59

Instrument :

MSVOA\_X

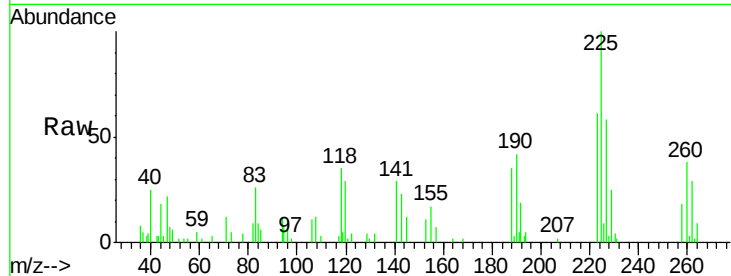
ClientSampleId :

VSTDIC001

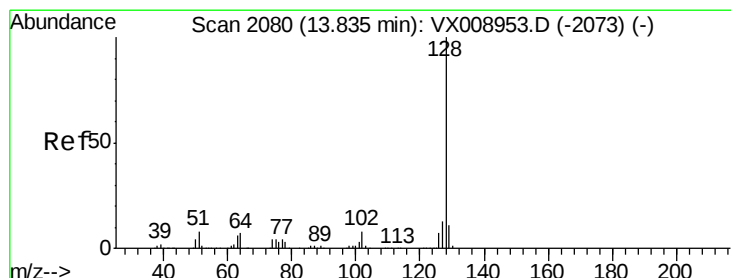
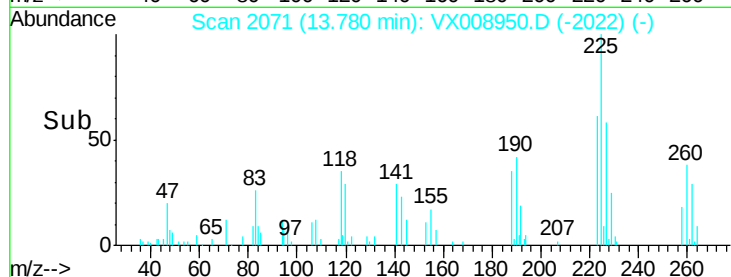
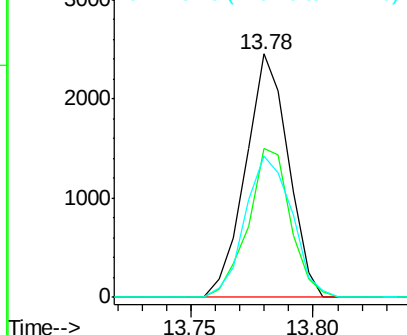
|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 225  | Resp: | 2975  |
| Ion Ratio |      | Lower | Upper |
| 225       | 100  |       |       |
| 223       | 60.5 | 31.1  | 93.2  |
| 227       | 63.4 | 32.0  | 96.2  |

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4/16/2019 10:52:41 AM



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: 1.123 ug/l

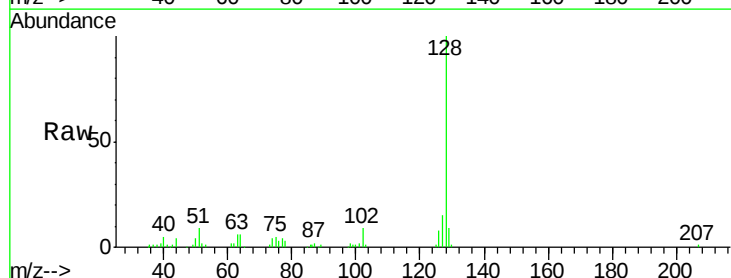
RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

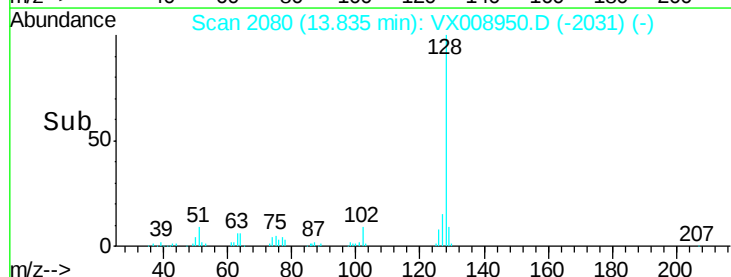
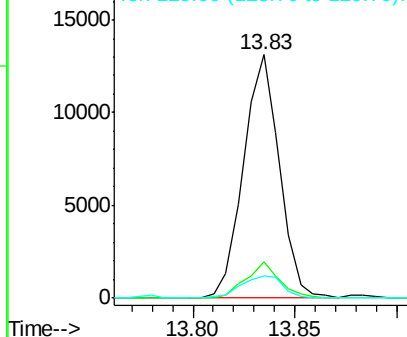
Lab File: VX008950.D

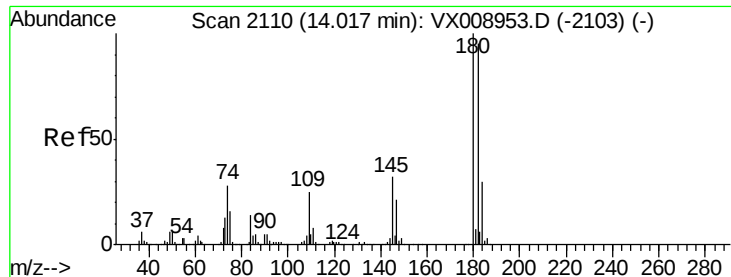
Acq: 15 Apr 2019 09:59

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 128  | Resp: | 15993 |
| Ion Ratio |      | Lower | Upper |
| 128       | 100  |       |       |
| 127       | 13.9 | 10.6  | 16.0  |
| 129       | 10.6 | 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





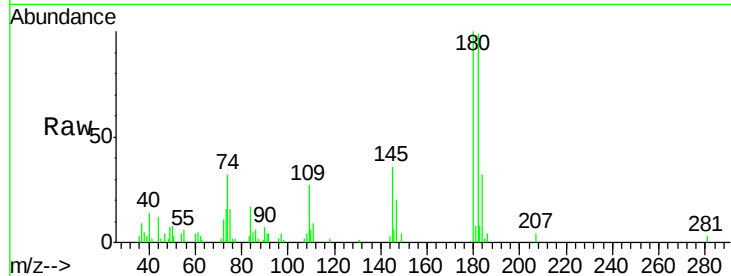
#96  
 1,2,3-Trichlorobenzene  
 Concen: 1.213 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. -0.00 min  
 Lab File: VX008950.D  
 Acq: 15 Apr 2019 09:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.2  | 47.8  | 143.4 |
| 145     | 34.8  | 15.8  | 47.3  |

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Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.90 (144.60 to 145.60): V

