

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062719\  
 Data File : VX010500.D  
 Acq On : 27 Jun 2019 19:36  
 Operator : JC/SP  
 Sample : K3565-05MSD  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0570MSD

Manual Integrations  
 APPROVED

MMDadoda  
 6/28/2019 10:38:31 AM

Quant Time: Jun 28 07:50:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 03:31:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 245924   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 373546   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 341397   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 177421   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 121853   | 52.85 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.70% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 119762   | 52.40 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.80% |      |
| 50) Toluene-d8            | 8.71   | 98  | 446470   | 51.06 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.12% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 165761   | 52.51 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.02% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 79883   | 46.723  | ug/l   | 96     |
| 3) Chloromethane              | 1.32 | 50  | 90403   | 45.408  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.41 | 62  | 99002   | 45.401  | ug/l   | 100    |
| 5) Bromomethane               | 1.64 | 94  | 52292   | 49.223  | ug/l   | 100    |
| 6) Chloroethane               | 1.71 | 64  | 63393   | 49.275  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 176634  | 51.098  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 63122   | 50.919  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 101665  | 48.531  | ug/l   | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 155202  | 51.914  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 3.05 | 59  | 134443  | 222.828 | ug/l # | 74     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 102250  | 47.968  | ug/l   | 100    |
| 13) Acrolein                  | 2.29 | 56  | 82869   | 207.045 | ug/l   | 95     |
| 14) Allyl chloride            | 2.73 | 41  | 149553  | 49.418  | ug/l   | 100    |
| 15) Acrylonitrile             | 3.14 | 53  | 322694  | 270.136 | ug/l   | 97     |
| 16) Acetone                   | 2.45 | 43  | 245532  | 212.474 | ug/l   | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 245913  | 43.001  | ug/l   | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 111737  | 48.515  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 345314  | 51.494  | ug/l # | 35     |
| 20) Methylene Chloride        | 2.85 | 84  | 117294  | 49.322  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 108719  | 47.422  | ug/l   | 100    |
| 22) Diisopropyl ether         | 3.85 | 45  | 320662  | 50.679  | ug/l   | 96     |
| 23) Vinyl Acetate             | 3.82 | 43  | 1342291 | 245.568 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 184770  | 50.520  | ug/l   | 99     |
| 25) 2-Butanone                | 4.67 | 43  | 413344  | 243.846 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 131129  | 41.273  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 132366  | 49.963  | ug/l   | 98     |
| 28) Bromochloromethane        | 5.02 | 49  | 85675   | 48.995  | ug/l   | 100    |
| 29) Tetrahydrofuran           | 5.13 | 42  | 273088  | 260.094 | ug/l   | 99     |
| 30) Chloroform                | 5.21 | 83  | 200402  | 50.926  | ug/l   | 98     |
| 31) Cyclohexane               | 5.58 | 56  | 471600  | 141.598 | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 175152  | 50.408  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 140056  | 47.182  | ug/l   | 100    |
| 37) Ethyl Acetate             | 4.84 | 43  | 148622  | 48.668  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 155418  | 48.351  | ug/l   | 98     |

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 Sample : K3565-05MSD  
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 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0570MSD

Manual Integrations  
 APPROVED

MMDadoda  
 6/28/2019 10:38:31 AM

Quant Time: Jun 28 07:50:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 03:31:56 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 441804   | 113.228 | ug/l   | 99       |
| 40) Benzene                    | 6.15  | 78   | 2409740  | 260.569 | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.04  | 41   | 85546    | 51.055  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 164954   | 58.596  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 254826   | 50.437  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 133483   | 48.237  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 117701   | 50.399  | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 84087    | 50.184  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 154380   | 50.275  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 133864   | 57.001  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 60796    | 898.654 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 851846   | 263.621 | ug/l   | 98       |
| 52) Toluene                    | 8.78  | 92   | 311811   | 51.199  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 167193   | 48.565  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 180443   | 48.231  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 127846   | 50.900  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 196340   | 51.602  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 198941   | 51.025  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 645550   | 253.837 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 140663   | 50.018  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 137479   | 50.710  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 122606   | 44.401  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.13 | 112  | 344269   | 49.671  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 130149   | 51.552  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 3313578  | 283.186 | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 3370363  | 743.374 | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 247928   | 55.606  | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 384915   | 51.478  | ug/l   | 98       |
| 71) Bromoform                  | 10.85 | 173  | 111068   | 50.589  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 852637   | 70.894  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 222164   | 48.878  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 197638   | 49.620  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 163282m  | 50.504  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 165568   | 49.302  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 986532   | 74.635  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 525434   | 66.755  | ug/l   | 83       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 947105   | 95.525  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 61389    | 44.297  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 494631   | 55.226  | ug/l   | 95       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 518259   | 52.079  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 1895146  | 190.252 | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 608706   | 52.097  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 609182   | 56.366  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 290126   | 49.492  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 288062   | 48.269  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 505554   | 55.049  | ug/l   | 95       |
| 90) Hexachloroethane           | 12.60 | 117  | 105860   | 56.647  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 284494   | 48.830  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 44550    | 51.877  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 204466   | 50.606  | ug/l   | 99       |

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Sample : K3565-05MSD  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FL-0570MSD

Manual Integrations  
APPROVED

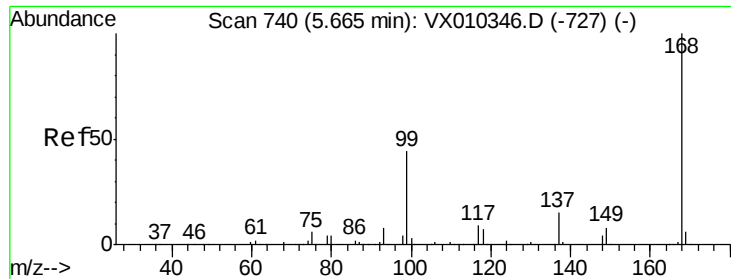
MMDadoda  
6/28/2019 10:38:31 AM

Quant Time: Jun 28 07:50:34 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 20 03:31:56 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 13.78 | 225  | 97582    | 49.417 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 881869   | 71.026 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 203329   | 50.615 | ug/l  | 100      |

(#) = 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: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion:168 Resp: 245924

Ion Ratio Lower Upper

168 100

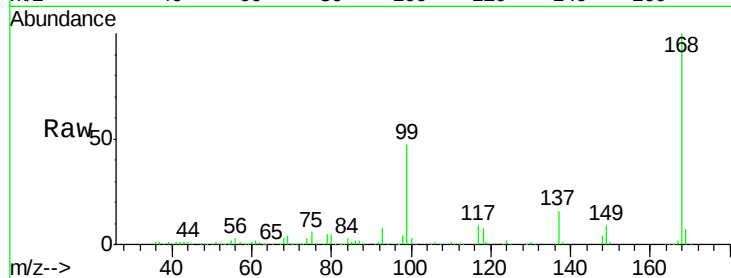
99 46.7 35.5 53.3

Manual Integrations

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MMDadoda

6/28/2019 10:38:31 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

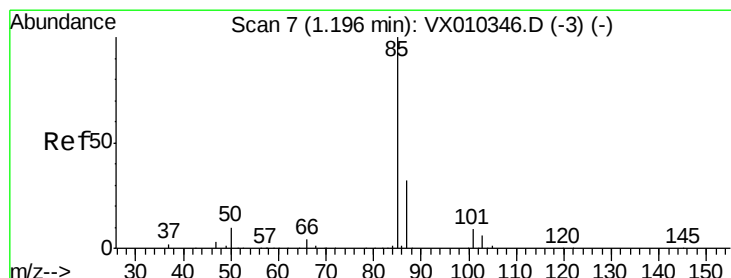
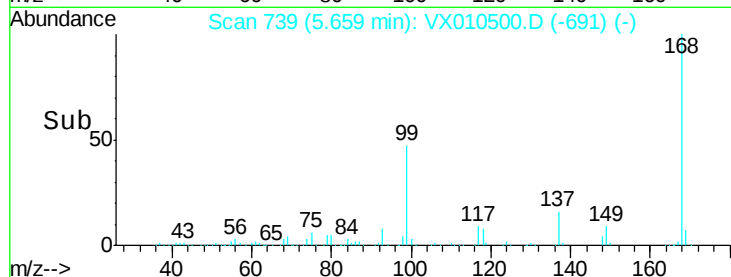
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.723 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010500.D

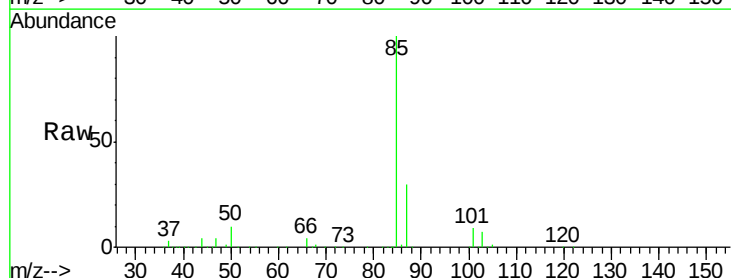
Acq: 27 Jun 2019 19:36

Tgt Ion: 85 Resp: 79883

Ion Ratio Lower Upper

85 100

87 30.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

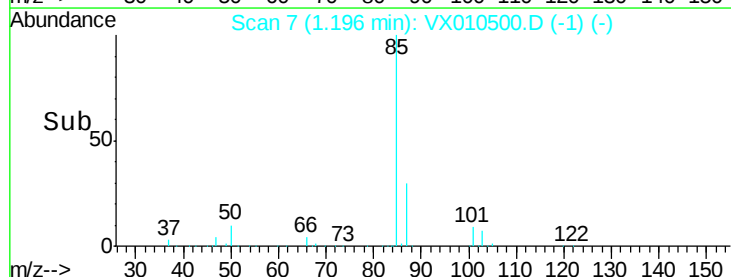
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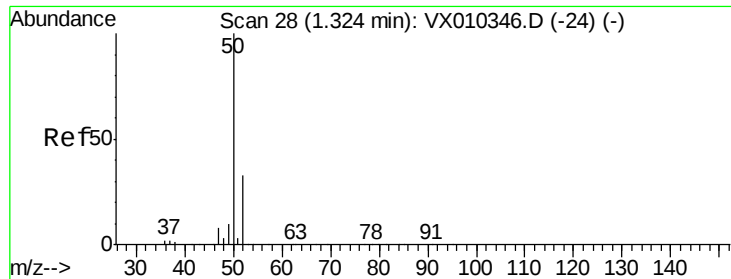
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.408 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion: 50 Resp: 90403

Ion Ratio Lower Upper

50 100

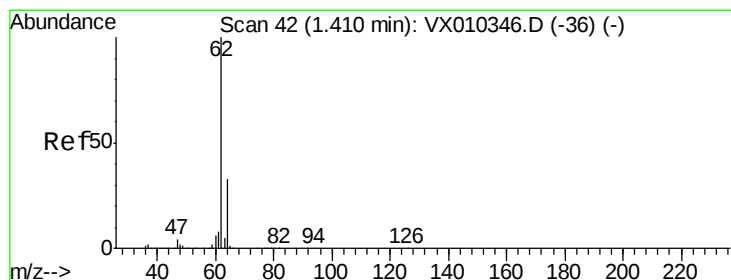
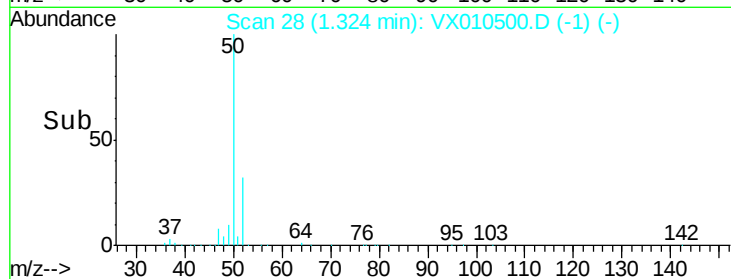
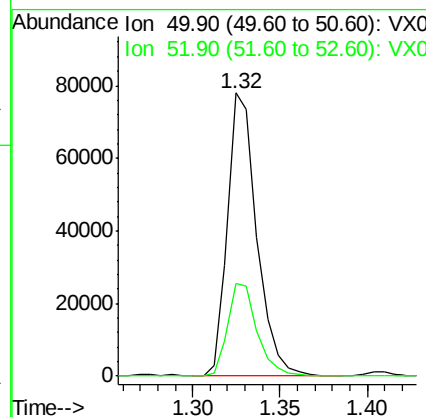
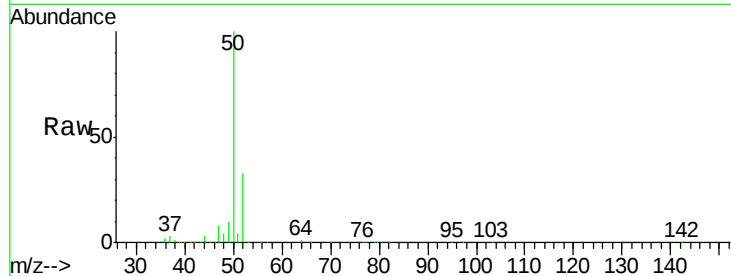
52 32.4 26.5 39.7

Manual Integrations

APPROVED

MMDadoda

6/28/2019 10:38:31 AM



#4

Vinyl Chloride

Concen: 45.401 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010500.D

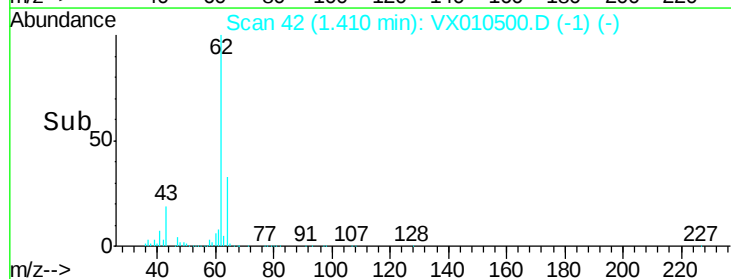
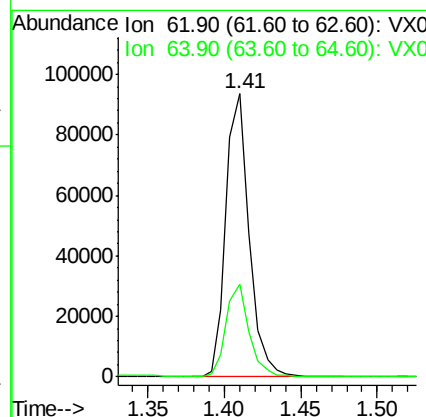
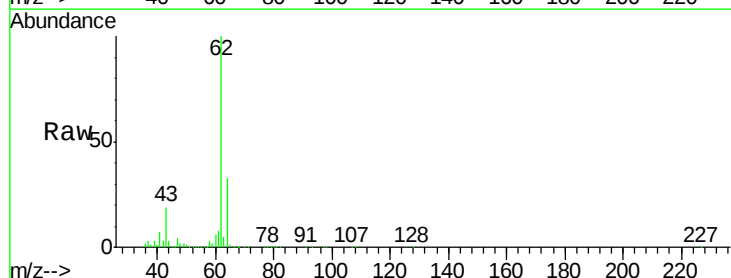
Acq: 27 Jun 2019 19:36

Tgt Ion: 62 Resp: 99002

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.4





#5

Bromomethane

Concen: 49.223 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion: 94 Resp: 52292

Ion Ratio Lower Upper

94 100

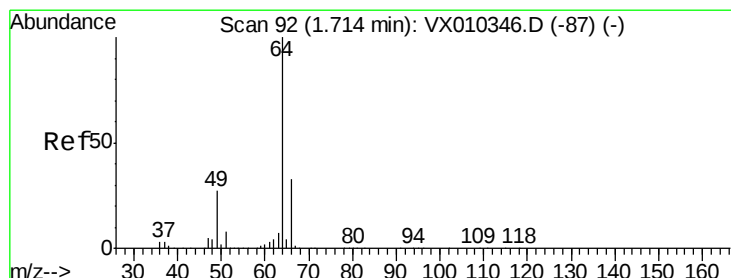
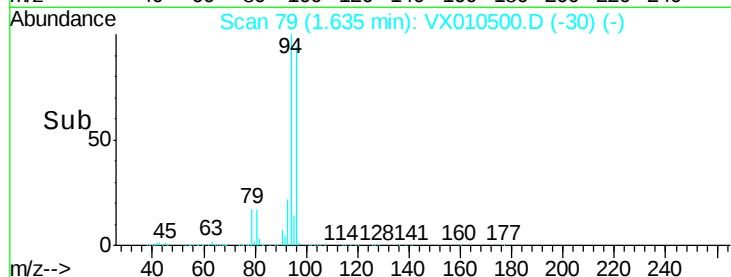
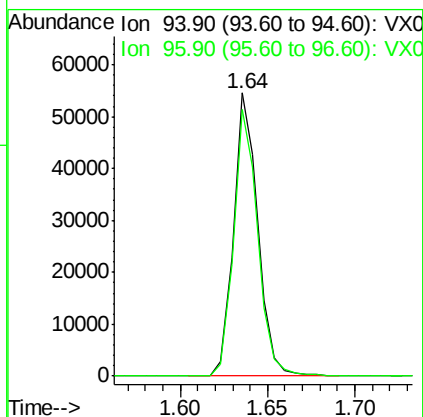
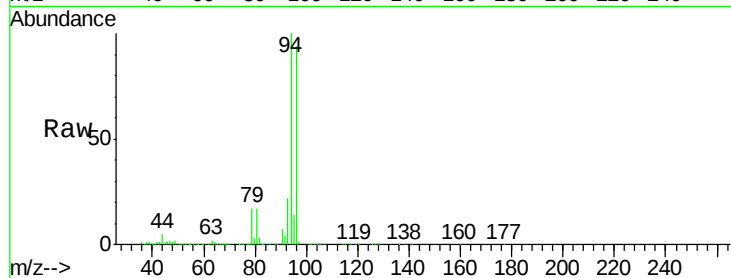
96 94.5 75.5 113.3

Manual Integrations

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MMDadoda

6/28/2019 10:38:31 AM



#6

Chloroethane

Concen: 49.275 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010500.D

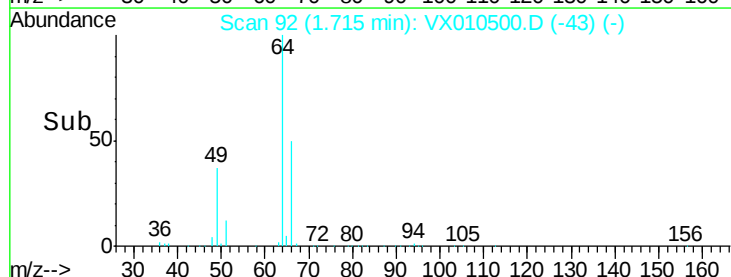
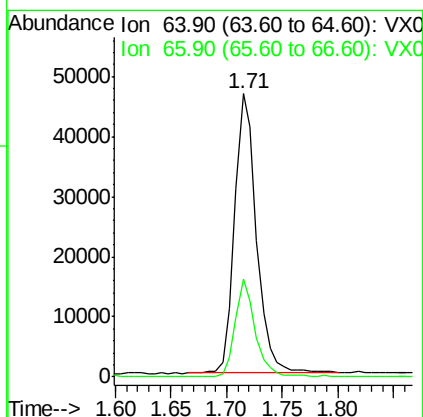
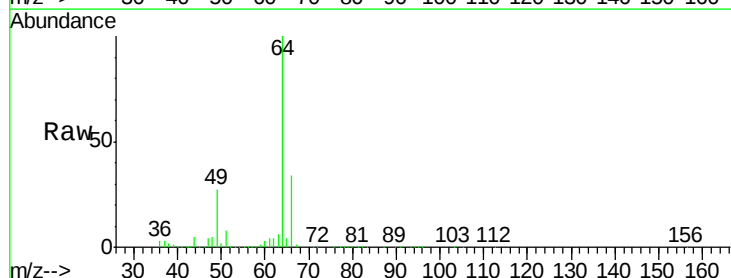
Acq: 27 Jun 2019 19:36

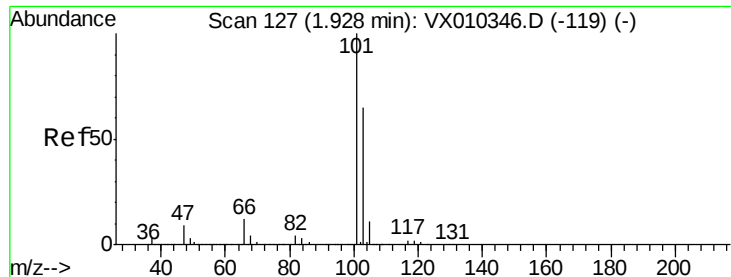
Tgt Ion: 64 Resp: 63393

Ion Ratio Lower Upper

64 100

66 34.5 26.6 40.0





#7

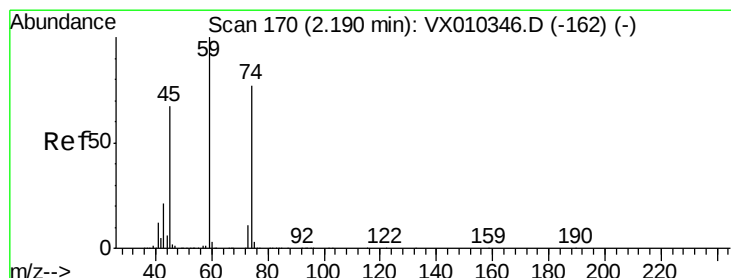
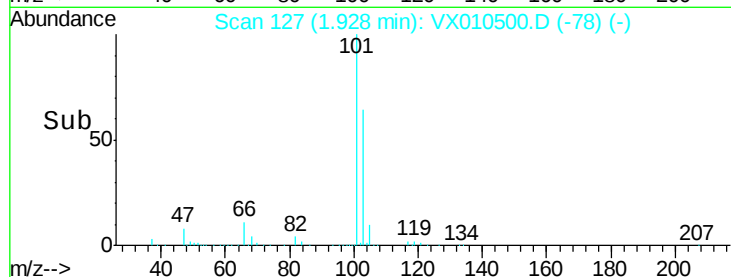
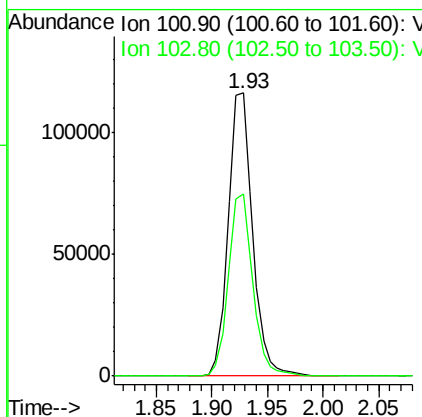
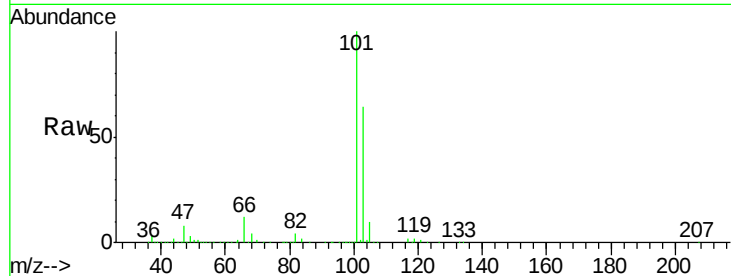
Trichlorofluoromethane  
Concen: 51.098 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
FL-0570MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.4  | 52.3  | 78.5  |

Manual Integrations  
APPROVED

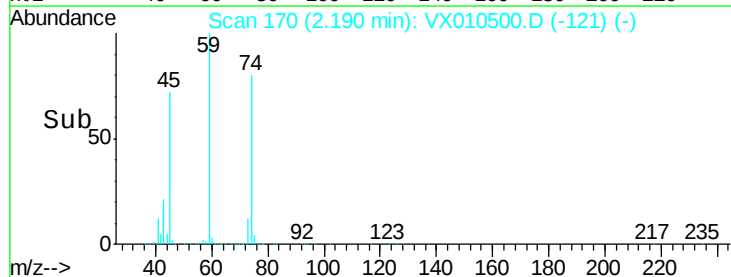
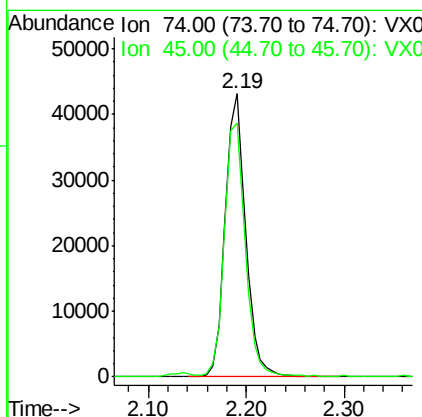
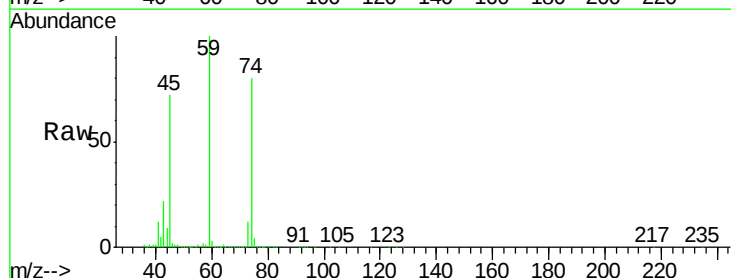
MMDadoda  
6/28/2019 10:38:31 AM



#8

Diethyl Ether  
Concen: 50.919 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 90.9  | 44.8  | 134.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.531 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

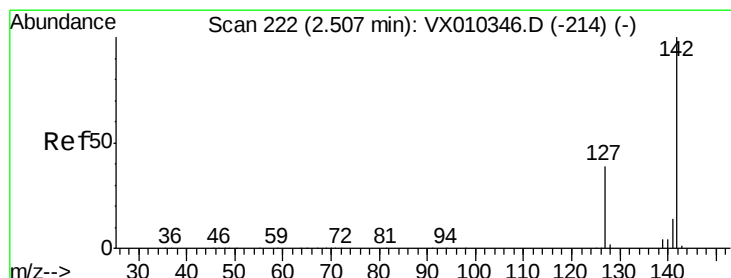
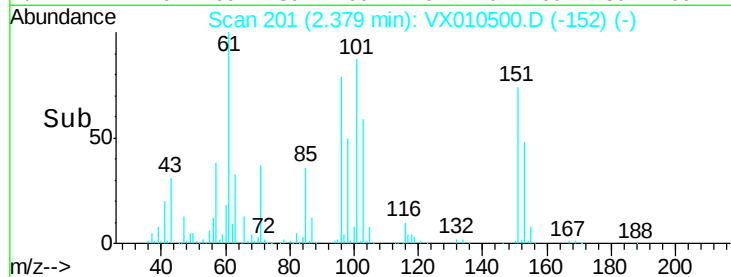
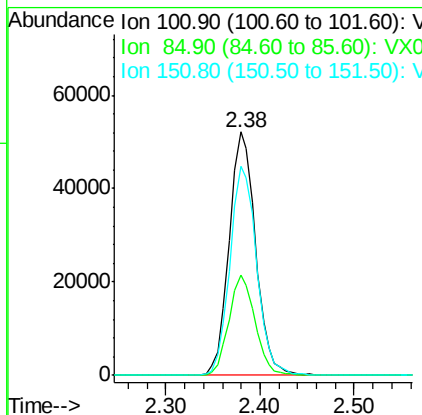
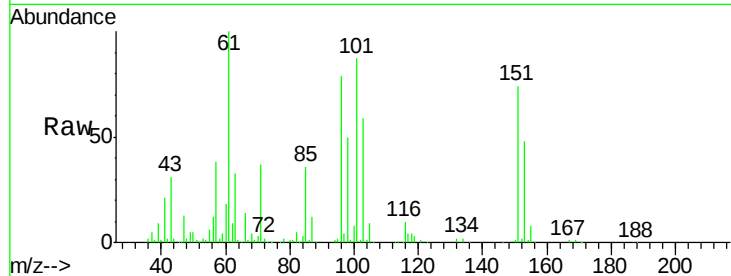
ClientSampleId :

FL-0570MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 101665 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 41.0  | 33.7  | 50.5   |
| 151       | 87.2  | 70.1  | 105.1  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 51.914 ug/l

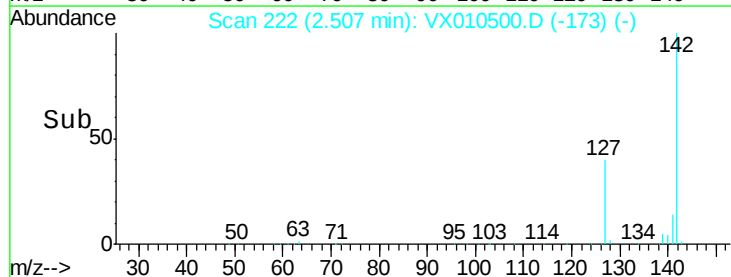
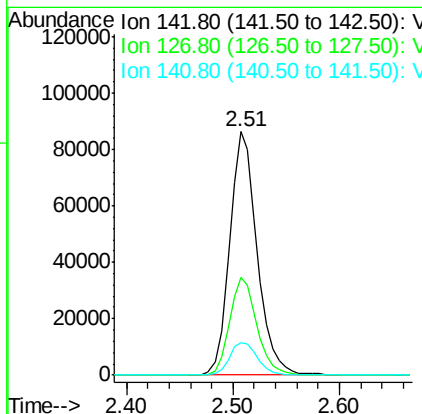
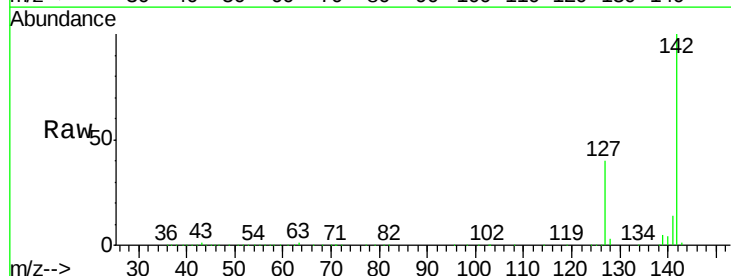
RT: 2.51 min Scan# 222

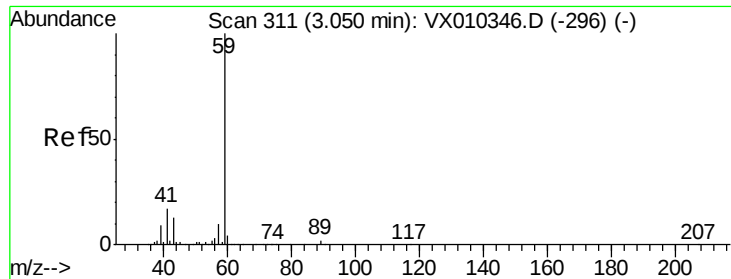
Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 155202 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 40.1  | 31.1  | 46.7   |
| 141       | 14.2  | 11.2  | 16.8   |





#11

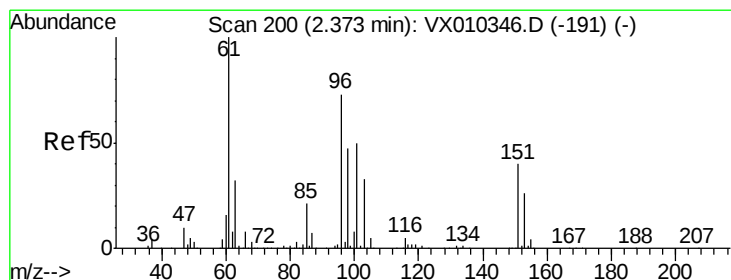
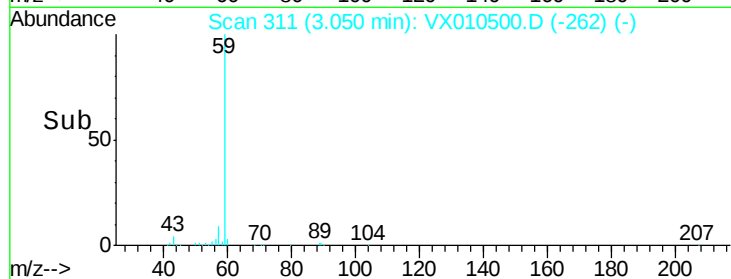
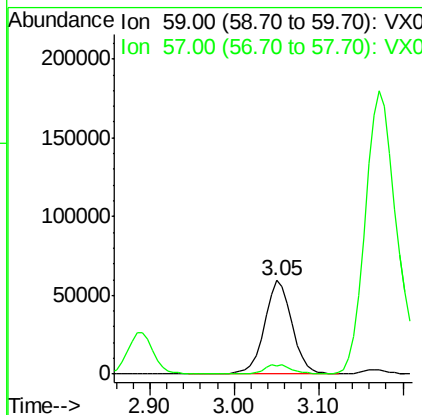
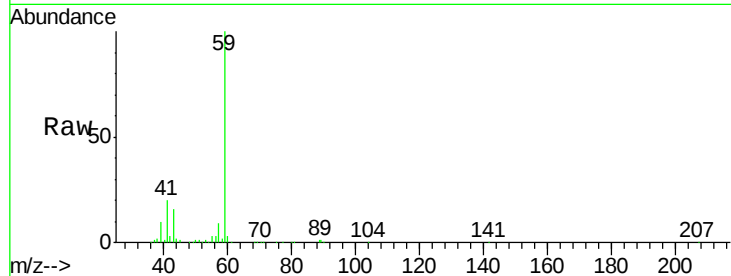
Tert butyl alcohol  
Concen: 222.828 ug/l  
RT: 3.05 min Scan# 311  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
FL-0570MSD

| Tot Ion | 59 | 57 | Ratio | 100 | 0.0 | Resp | 134443 | Lower | Upper |
|---------|----|----|-------|-----|-----|------|--------|-------|-------|
|         |    |    |       |     |     |      |        |       |       |
|         |    |    |       |     |     |      |        |       |       |

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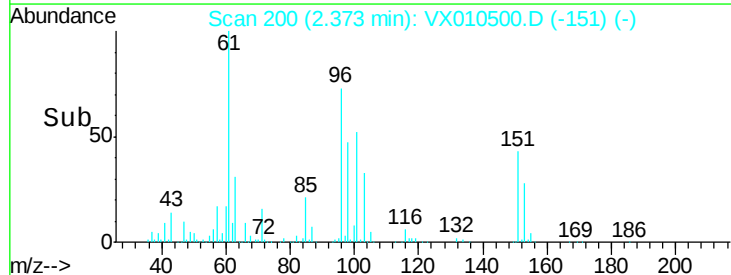
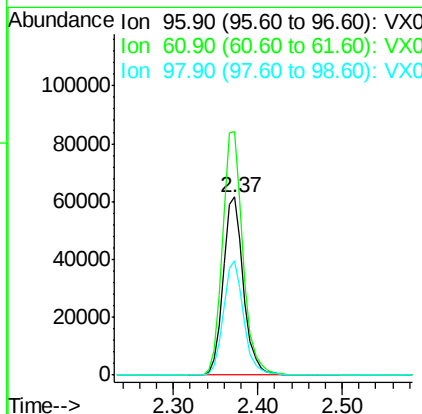
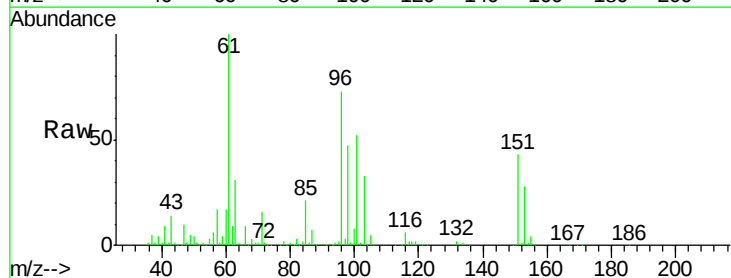
MMDadoda  
6/28/2019 10:38:31 AM

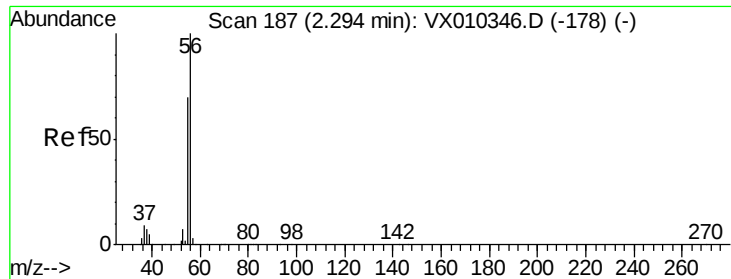


#12

1,1-Dichloroethene  
Concen: 47.968 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 136.8 | 64.5 | Resp | 102250 | Lower | Upper |
|---------|----|----|----|-------|-----|-------|------|------|--------|-------|-------|
|         |    |    |    |       |     |       |      |      |        |       |       |
|         |    |    |    |       |     |       |      |      |        |       |       |





#13

Acrolein

Concen: 207.045 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion: 56 Resp: 82869

Ion Ratio Lower Upper

56 100

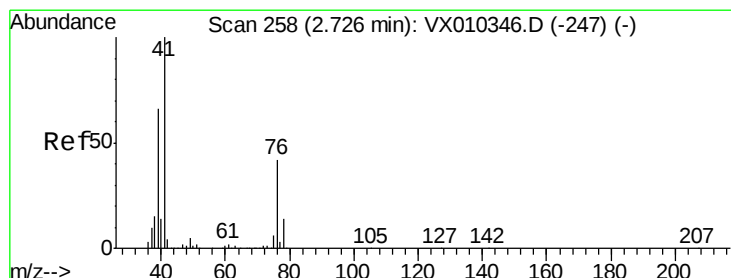
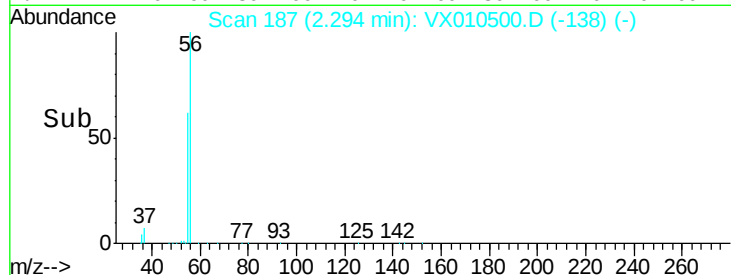
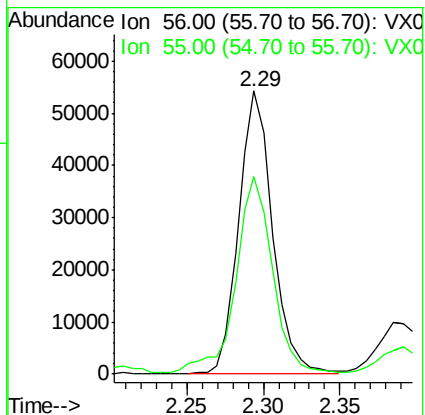
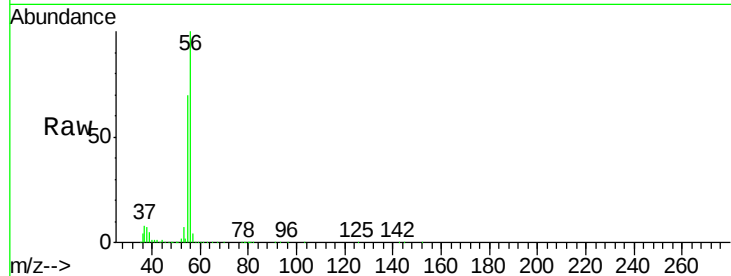
55 74.9 56.9 85.3

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#14

Allyl chloride

Concen: 49.418 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

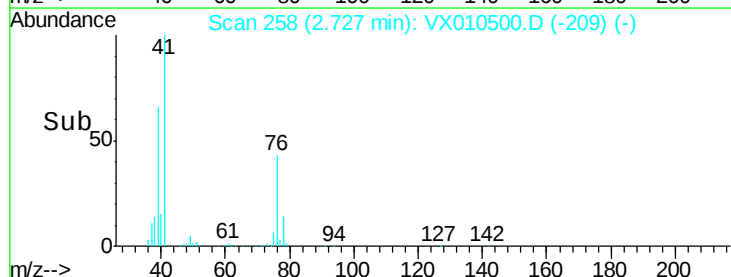
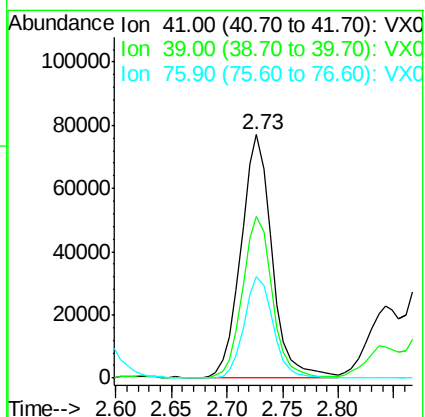
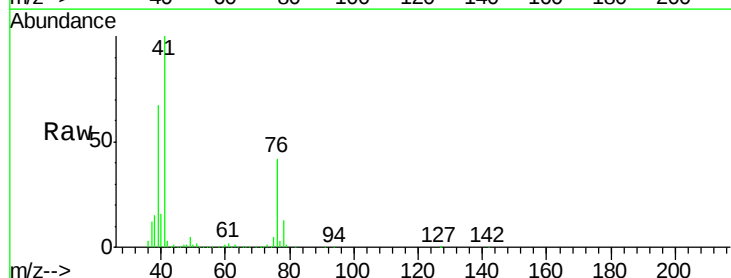
Tgt Ion: 41 Resp: 149553

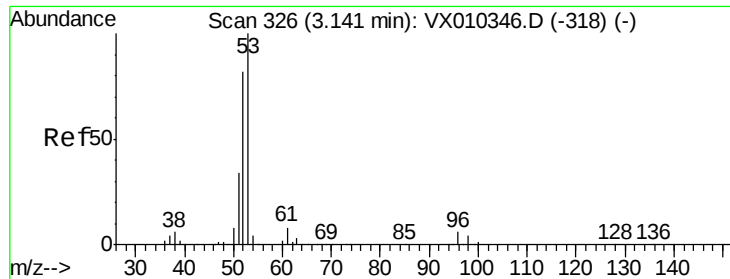
Ion Ratio Lower Upper

41 100

39 63.3 50.3 75.5

76 38.9 31.3 46.9





#15

Acrylonitrile

Concen: 270.136 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

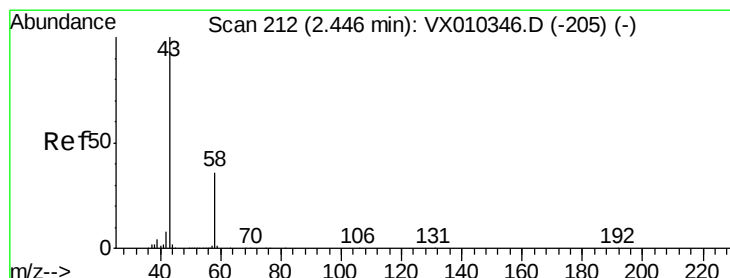
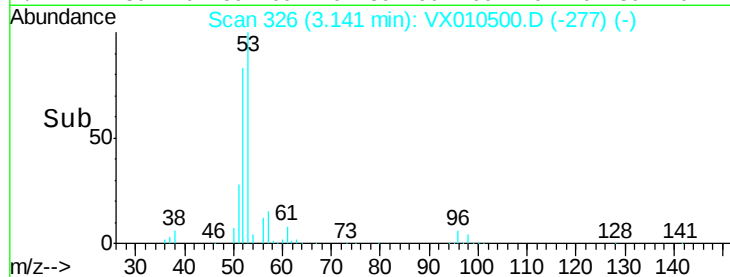
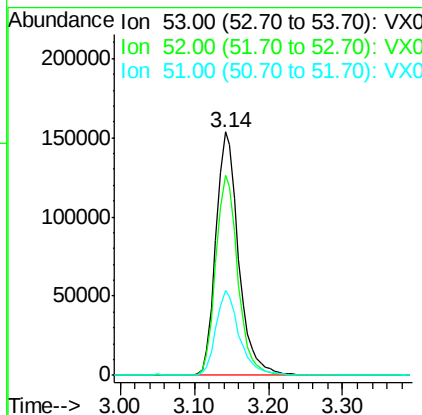
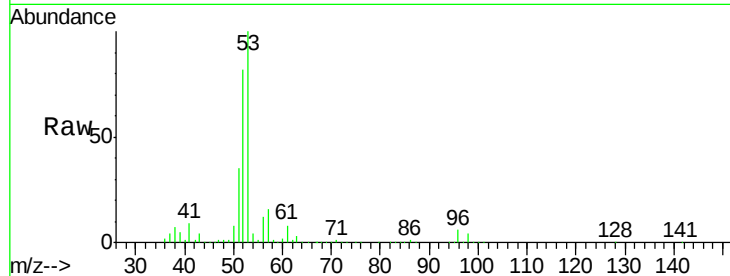
ClientSampleId :

FL-0570MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 322694 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 79.2  | 65.5  | 98.3   |
| 51        | 36.1  | 28.2  | 42.4   |

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#16

Acetone

Concen: 212.474 ug/l

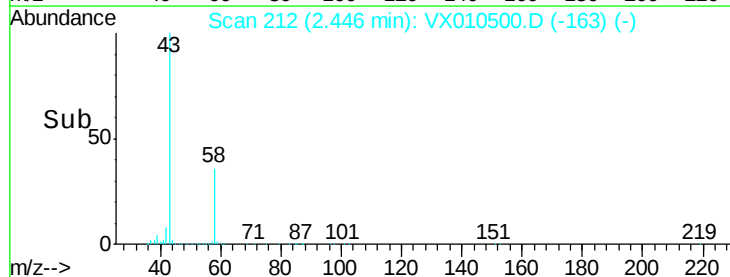
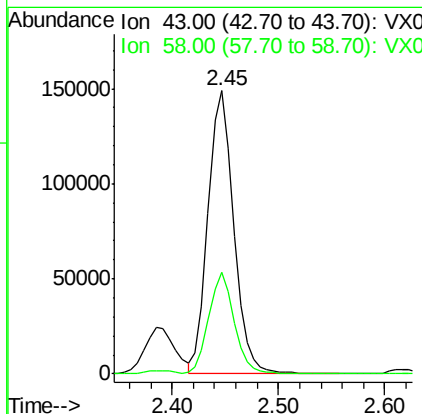
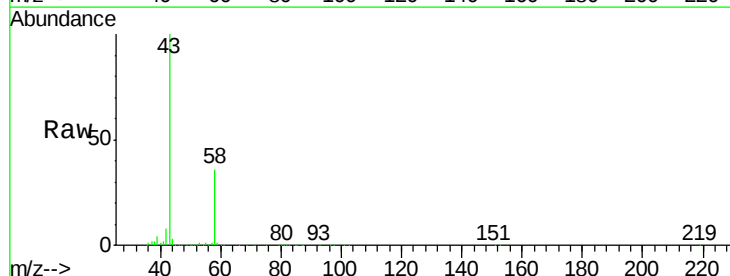
RT: 2.45 min Scan# 212

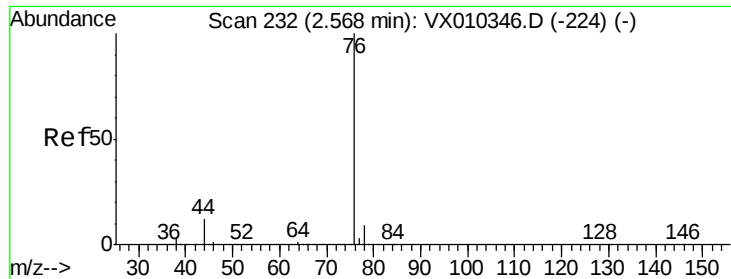
Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 245532 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 36.1  | 28.9  | 43.3   |





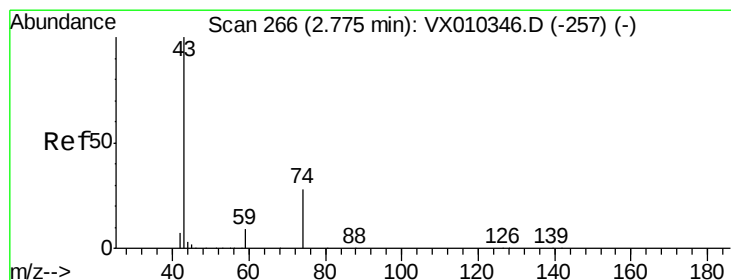
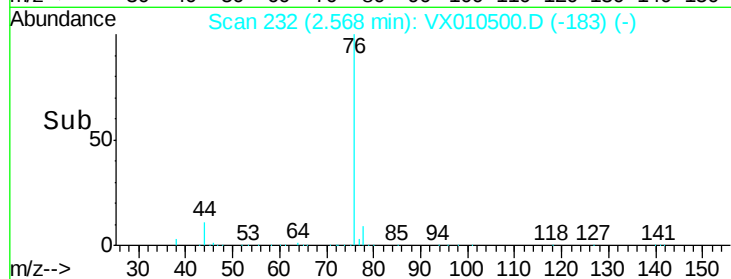
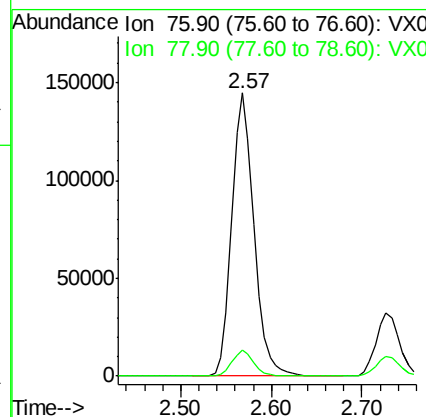
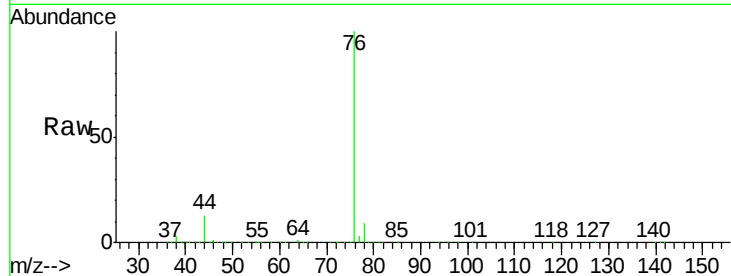
#17  
Carbon Disulfide  
Concen: 43.001 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
FL-0570MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.1   | 7.3   | 10.9  |

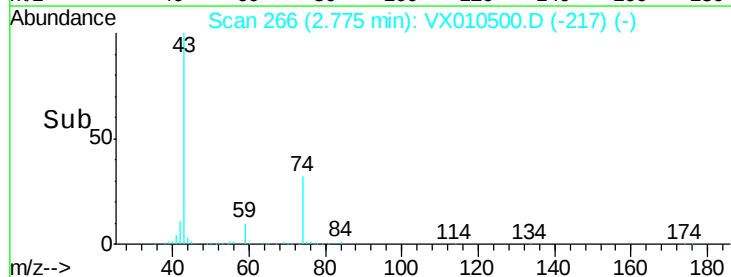
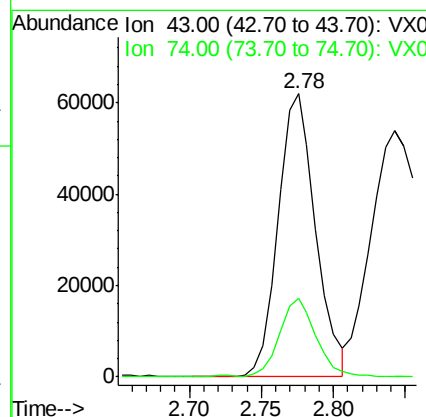
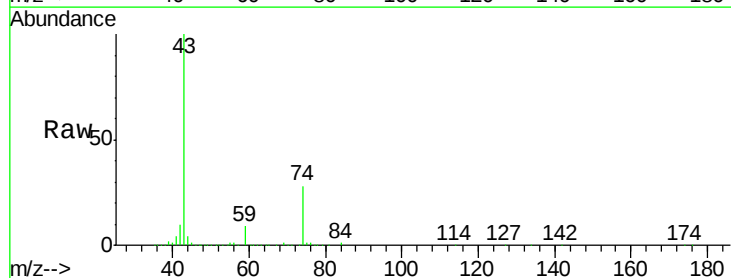
Manual Integrations  
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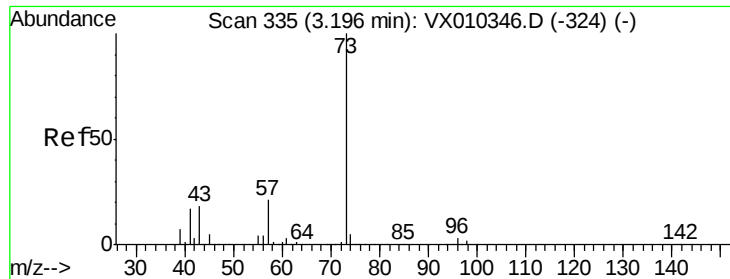
MMDadoda  
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#18  
Methyl Acetate  
Concen: 48.515 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 28.0  | 21.3  | 31.9  |





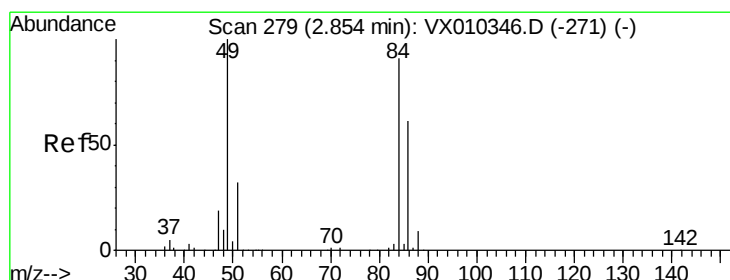
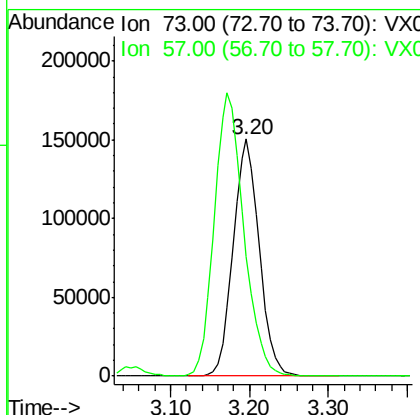
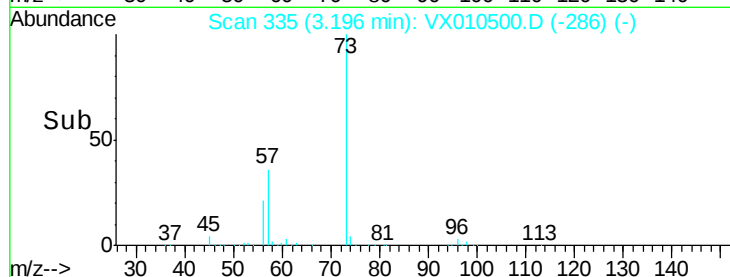
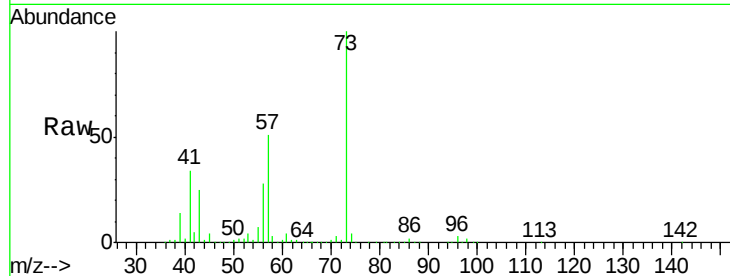
#19  
Methyl tert-butyl Ether  
Concen: 51.494 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
FL-0570MSD

Tot Ion: 73 Resp: 345314  
Ion Ratio Lower Upper  
73 100  
57 50.6 16.4 24.6#

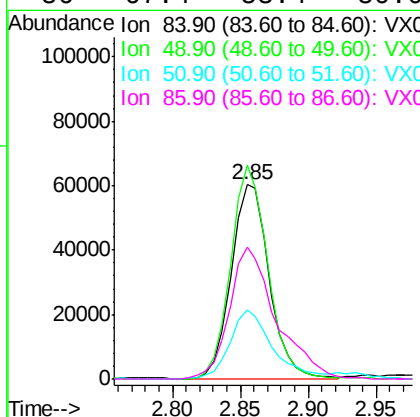
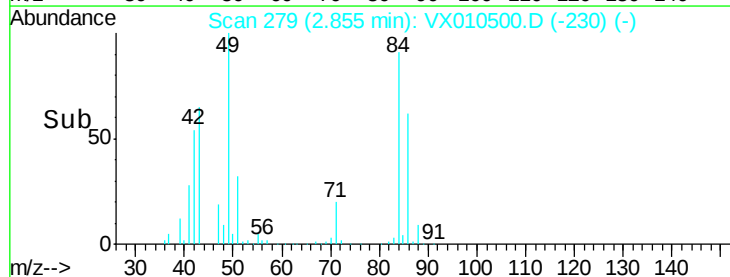
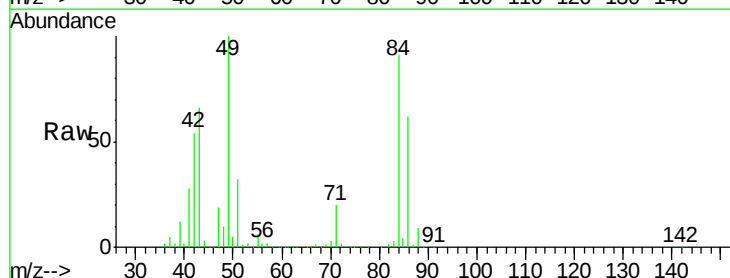
Manual Integrations  
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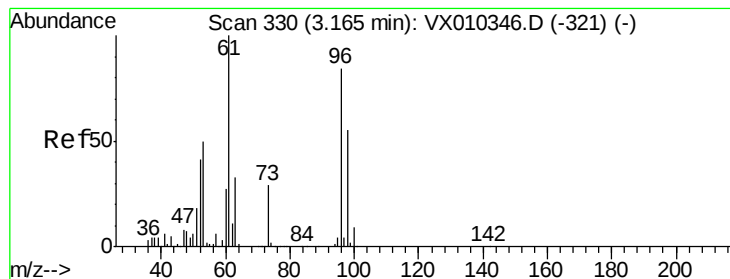
MMDadoda  
6/28/2019 10:38:31 AM



#20  
Methylene Chloride  
Concen: 49.322 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

Tgt Ion: 84 Resp: 117294  
Ion Ratio Lower Upper  
84 100  
49 110.2 87.5 131.3  
51 35.1 27.7 41.5  
86 67.4 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 47.422 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

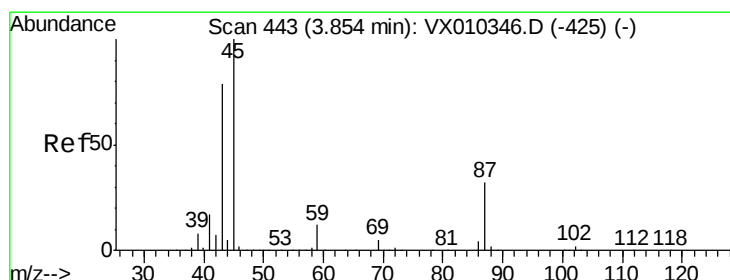
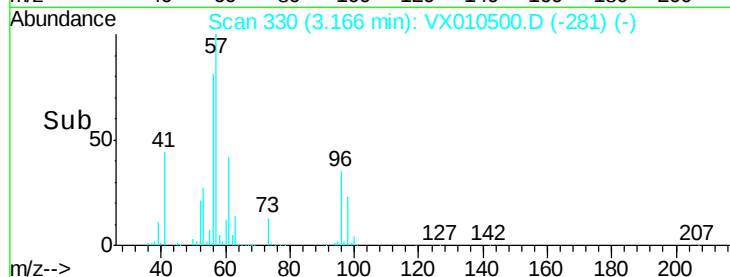
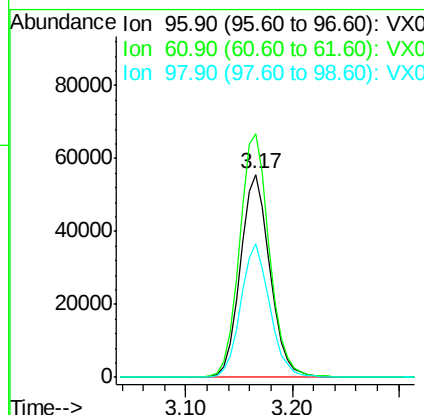
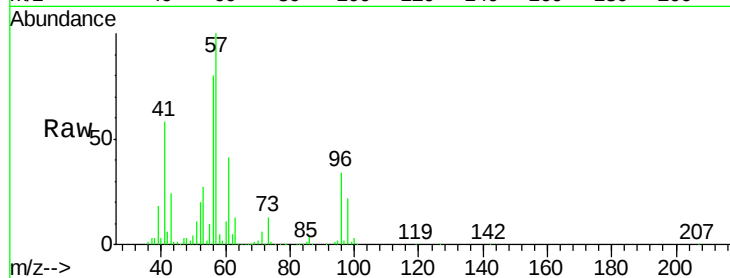
ClientSampleId :

FL-0570MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 108719 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 120.1 | 95.6  | 143.4  |
| 98       | 65.9  | 52.5  | 78.7   |

Manual Integrations  
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MMDadoda  
6/28/2019 10:38:31 AM



#22

Diisopropyl ether

Concen: 50.679 ug/l

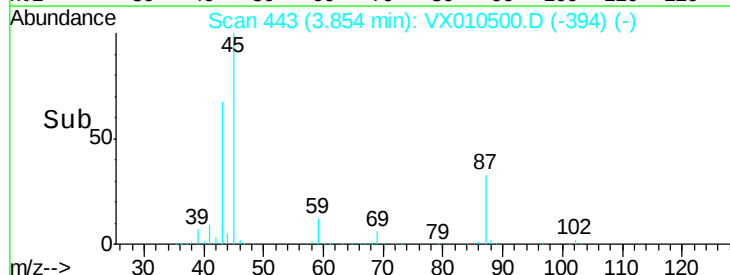
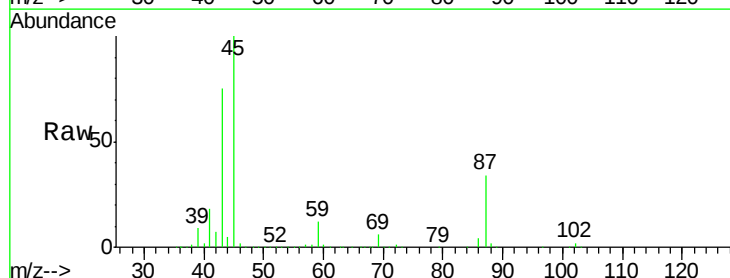
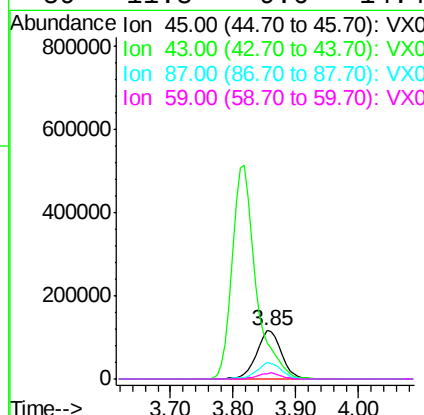
RT: 3.85 min Scan# 443

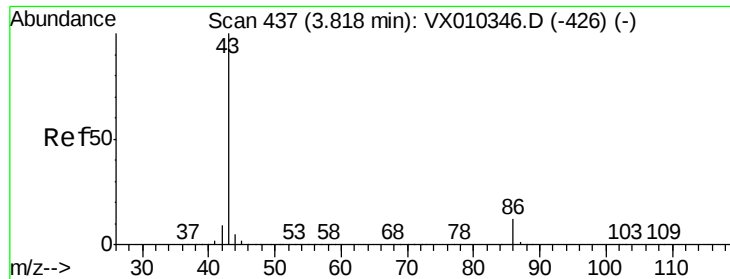
Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 320662 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 74.3  | 63.3  | 94.9   |
| 87       | 33.6  | 25.8  | 38.8   |
| 59       | 11.8  | 9.6   | 14.4   |





#23

Vinyl Acetate

Concen: 245.568 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion: 43 Resp: 1342291

Ion Ratio Lower Upper

43 100

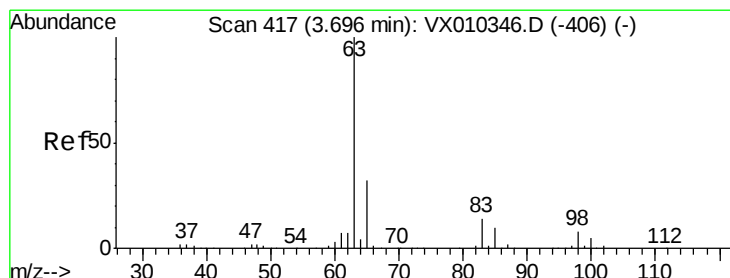
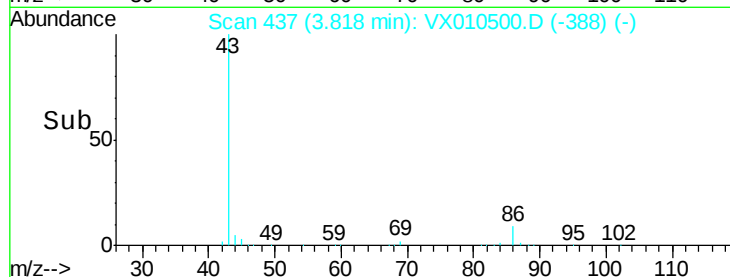
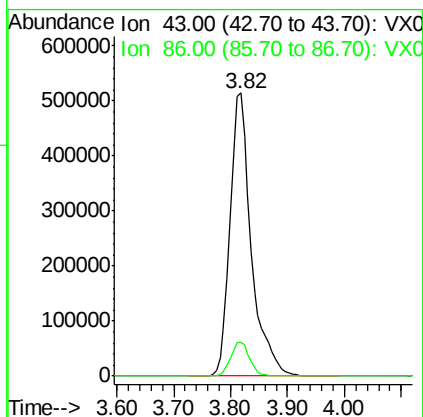
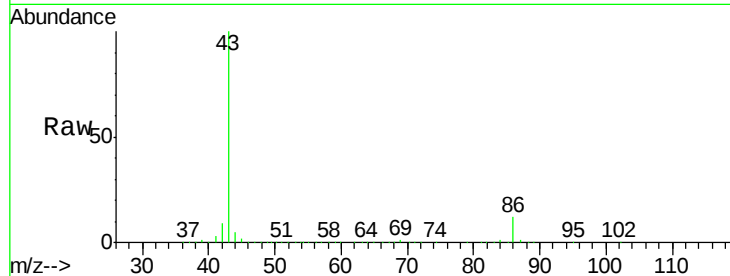
86 12.1 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 50.520 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

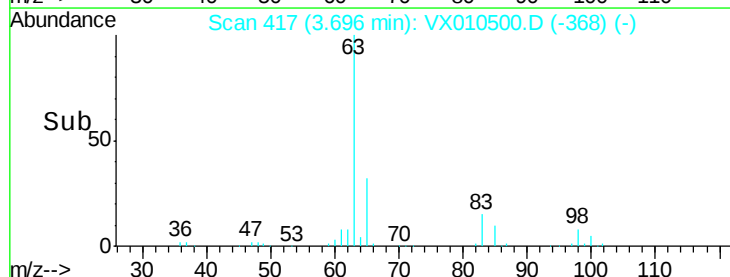
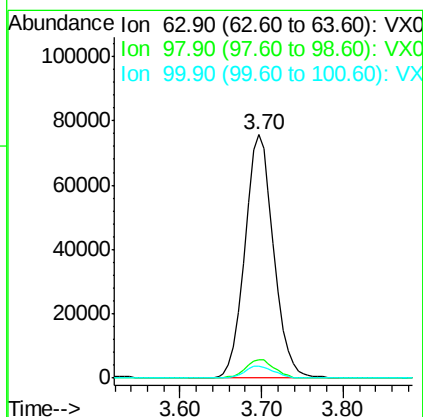
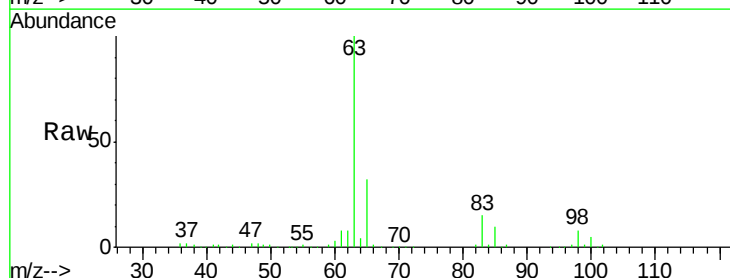
Tgt Ion: 63 Resp: 184770

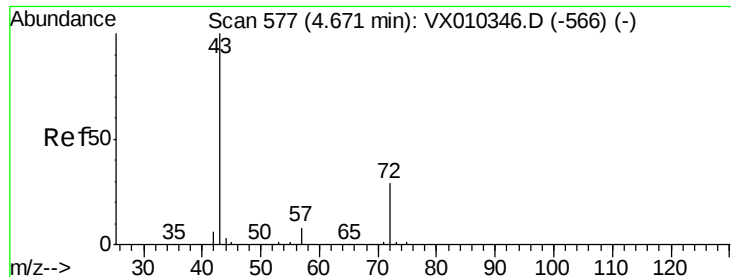
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 243.846 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion: 43 Resp: 413344

Ion Ratio Lower Upper

43 100

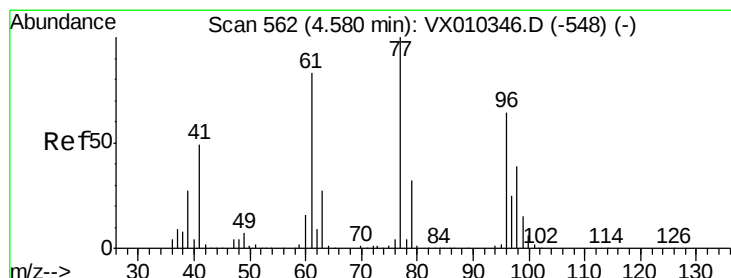
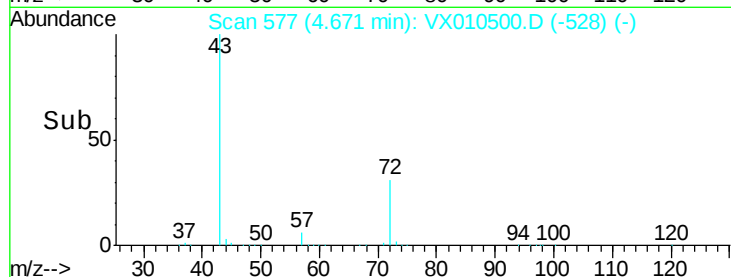
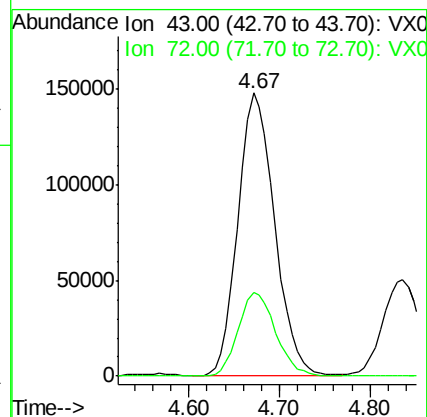
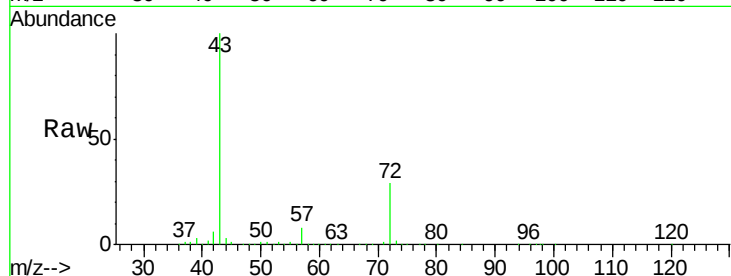
72 29.3 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.273 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010500.D

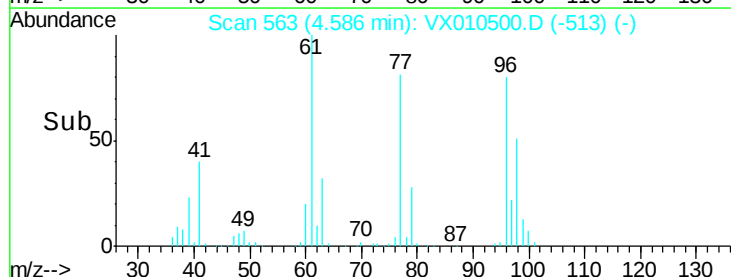
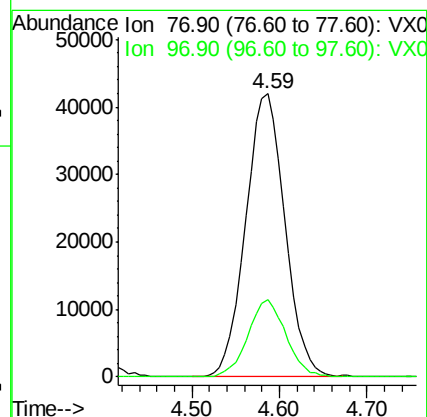
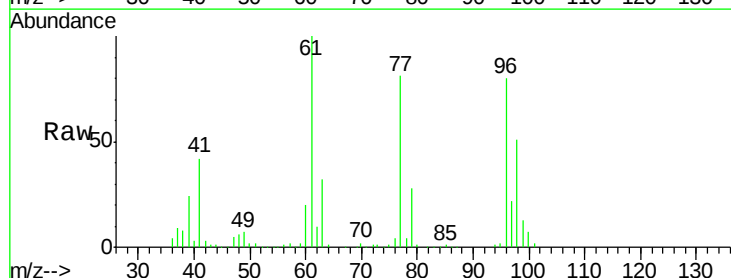
Acq: 27 Jun 2019 19:36

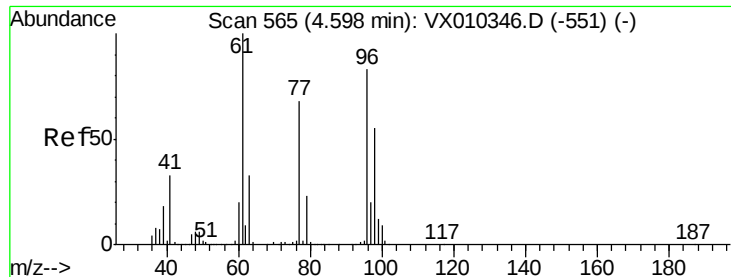
Tgt Ion: 77 Resp: 131129

Ion Ratio Lower Upper

77 100

97 26.3 13.1 39.3





#27

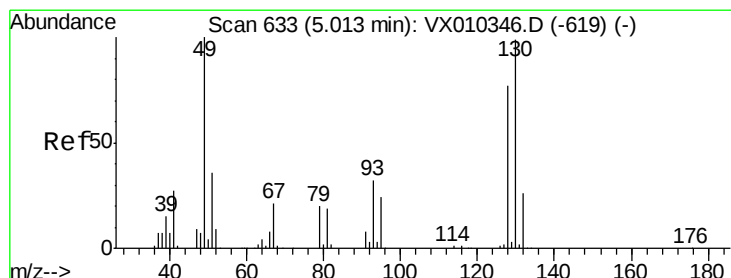
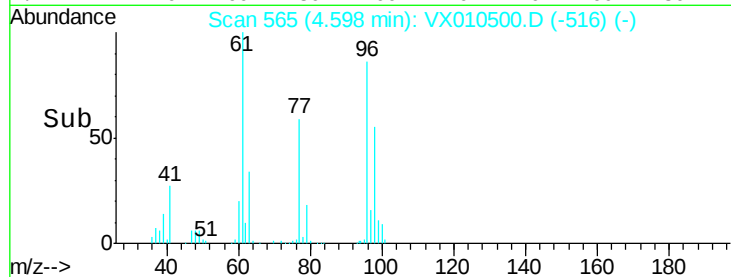
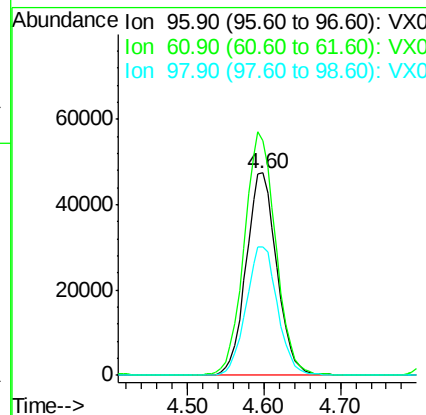
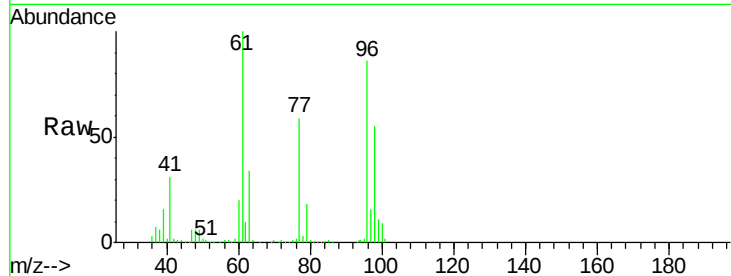
cis-1,2-Dichloroethene  
 Concen: 49.963 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. 0.00 min  
 Lab File: VX010500.D  
 Acq: 27 Jun 2019 19:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0570MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 132366 |       |       |
| 61      | 123.6 | 0.0    | 251.8 |       |
| 98      | 65.6  | 0.0    | 129.4 |       |

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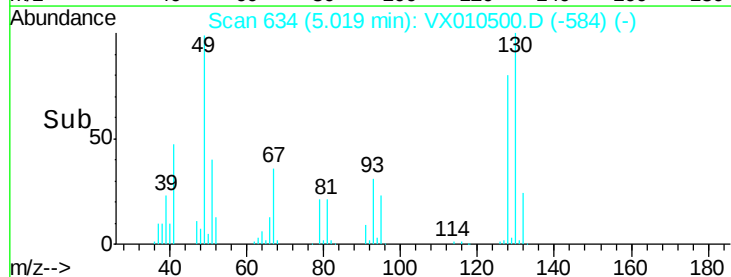
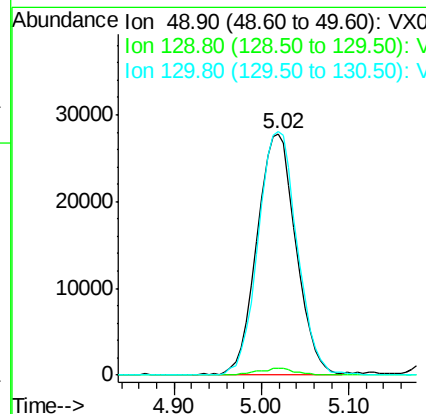
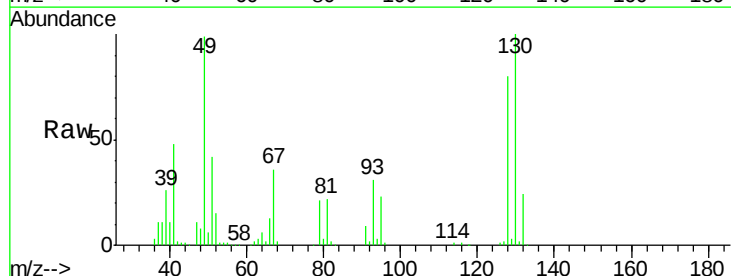
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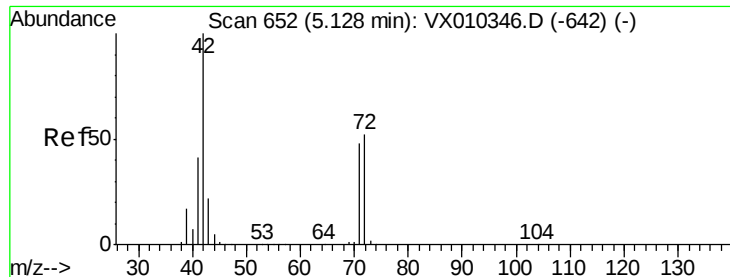


#28

Bromochloromethane  
 Concen: 48.995 ug/l  
 RT: 5.02 min Scan# 634  
 Delta R.T. 0.01 min  
 Lab File: VX010500.D  
 Acq: 27 Jun 2019 19:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 85675 |       |       |
| 129     | 2.8   | 0.0   | 5.6   |       |
| 130     | 101.4 | 81.4  | 122.0 |       |





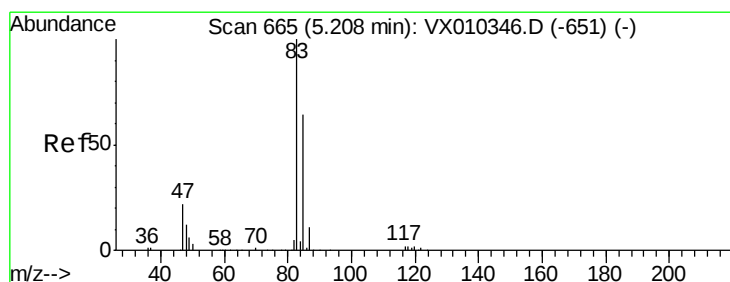
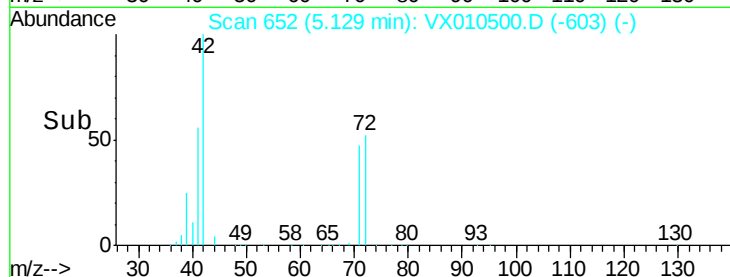
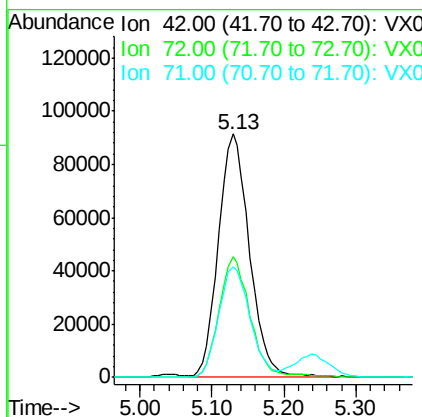
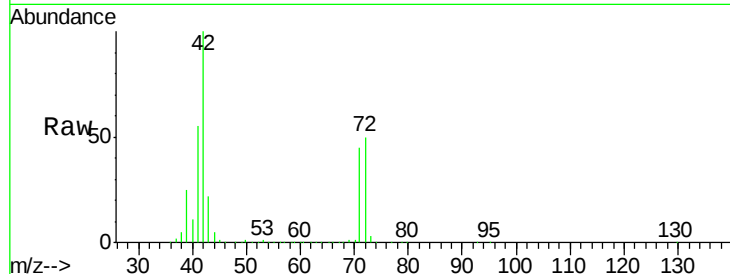
#29  
Tetrahydrofuran  
Concen: 260.094 ug/l  
RT: 5.13 min Scan# 652  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
FL-0570MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 50.4  | 40.6  | 60.8  |
| 71      | 46.5  | 37.8  | 56.8  |

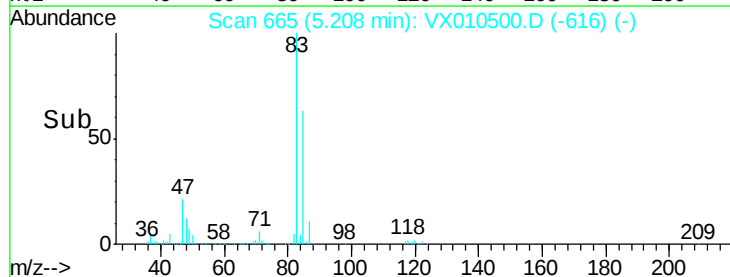
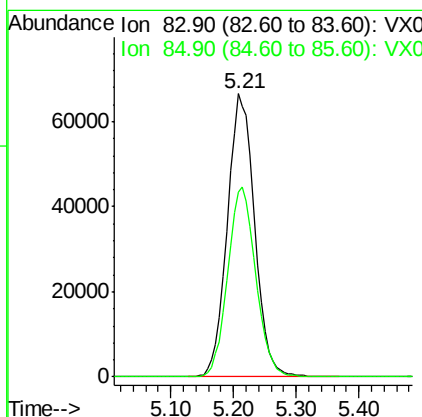
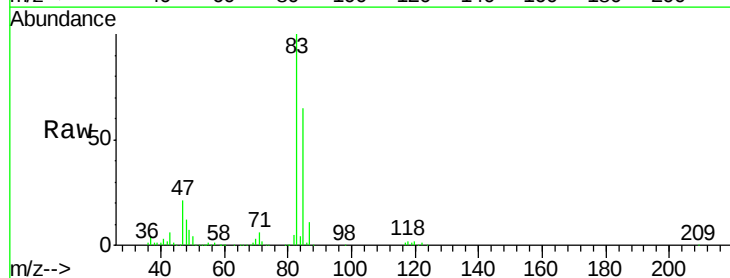
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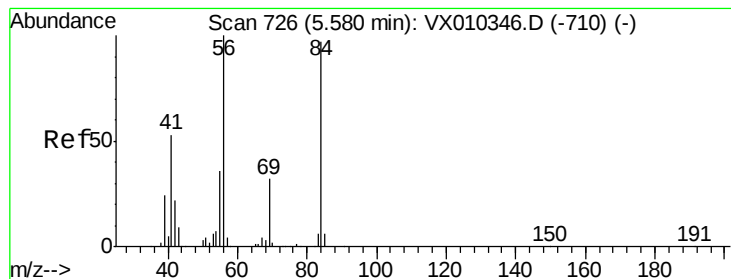
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#30  
Chloroform  
Concen: 50.926 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.4  | 50.9  | 76.3  |





#31

Cyclohexane

Concen: 141.598 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

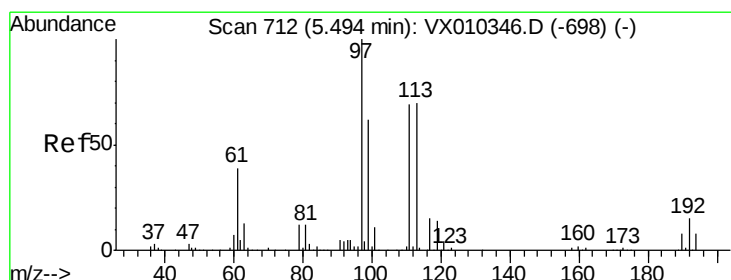
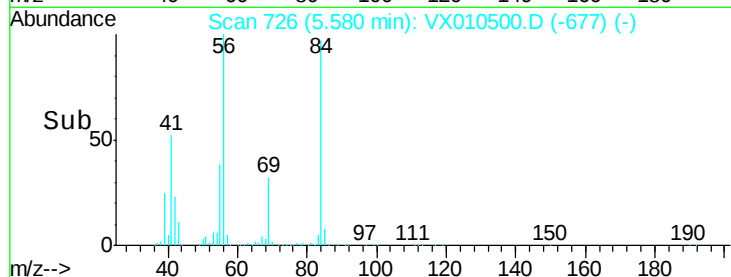
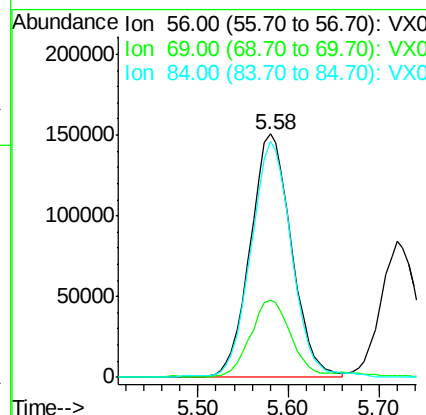
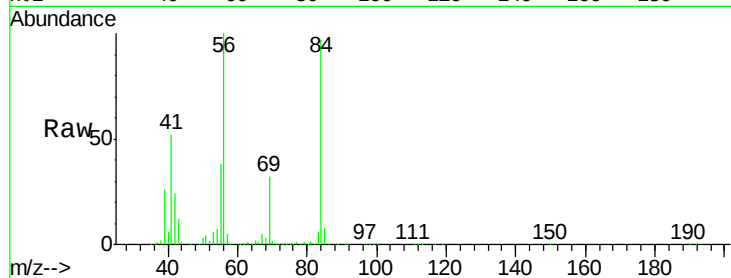
ClientSampleId :

FL-0570MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 69      | 31.4 | 25.9  | 38.9  |       |
| 84      | 96.4 | 78.0  | 117.0 |       |

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#32

1,1,1-Trichloroethane

Concen: 50.408 ug/l

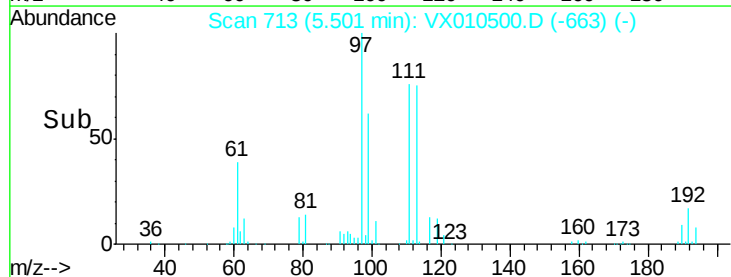
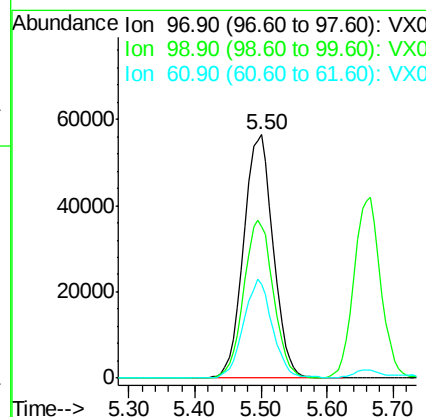
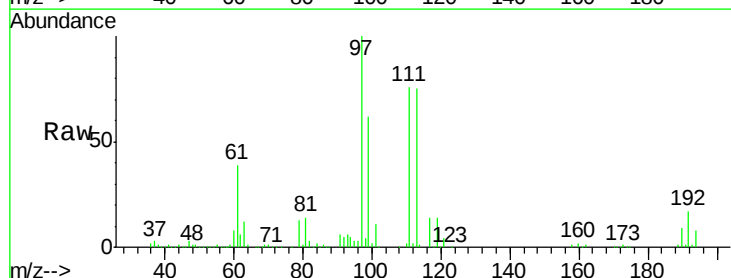
RT: 5.50 min Scan# 713

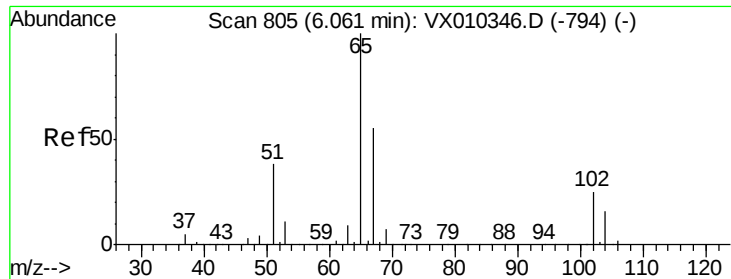
Delta R.T. 0.01 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 99      | 65.0 | 51.8  | 77.8  |       |
| 61      | 39.8 | 32.1  | 48.1  |       |





#33

1,2-Dichloroethane-d4

Concen: 52.847 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion: 65 Resp: 121853

Ion Ratio Lower Upper

65 100

67 55.2

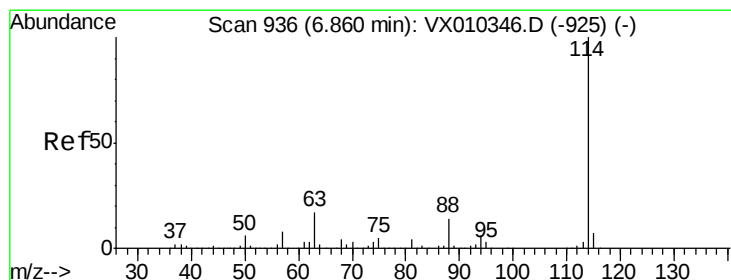
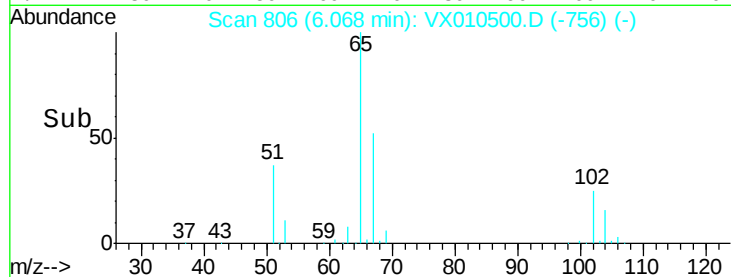
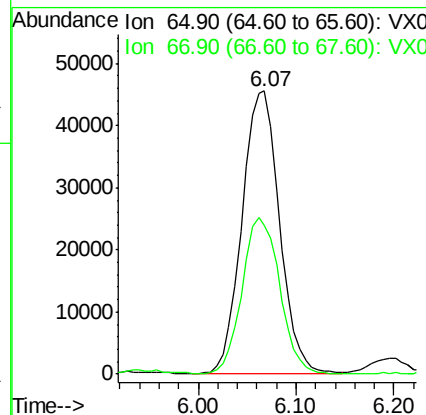
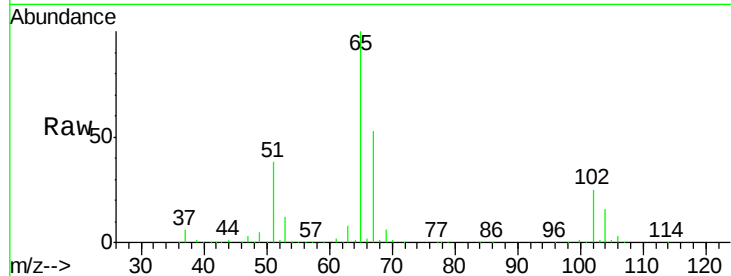
0.0 110.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Tgt Ion: 114 Resp: 373546

Ion Ratio Lower Upper

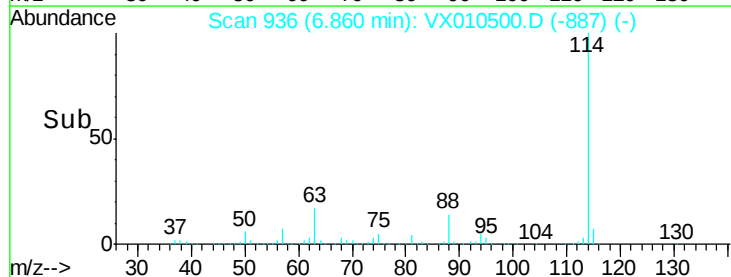
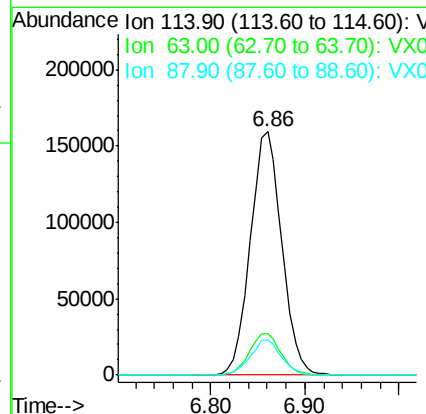
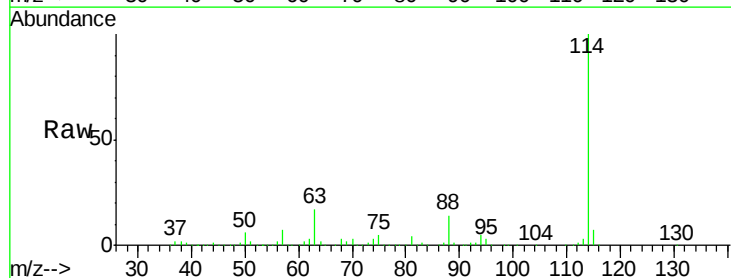
114 100

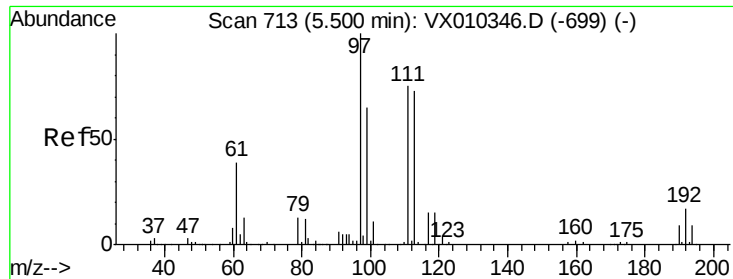
63 16.9

88 14.3

0.0 33.8

0.0 27.6





#35

Dibromofluoromethane

Concen: 52.401 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

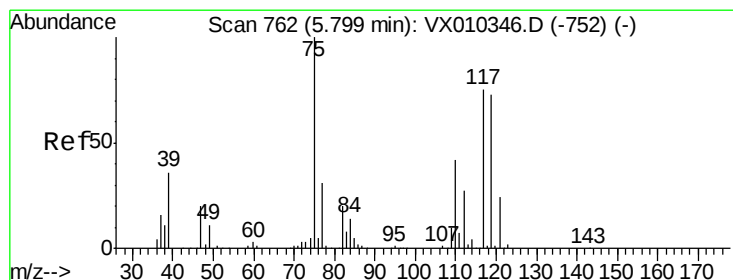
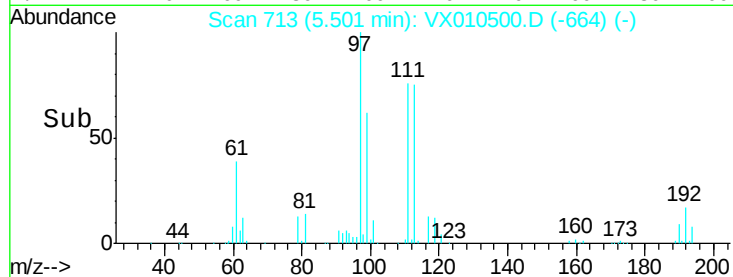
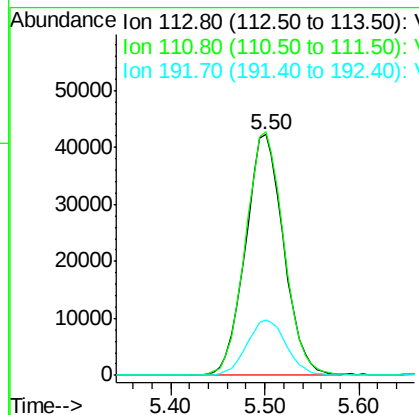
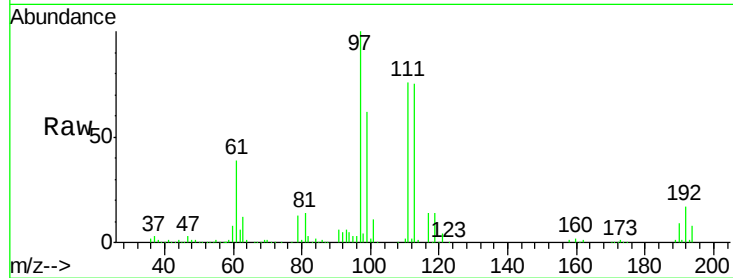
ClientSampleId :

FL-0570MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 113   | Resp: | 119762 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 101.5 | 81.2  | 121.8  |
| 192      | 23.9  | 18.6  | 27.8   |

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#36

1,1-Dichloropropene

Concen: 47.182 ug/l

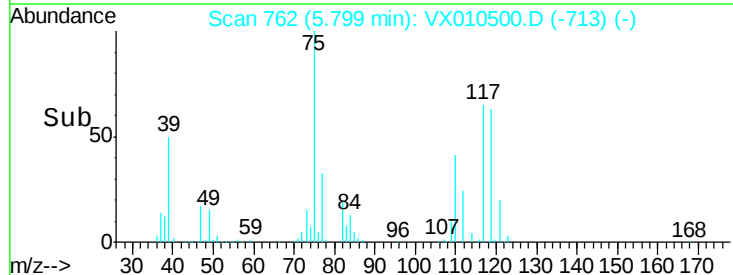
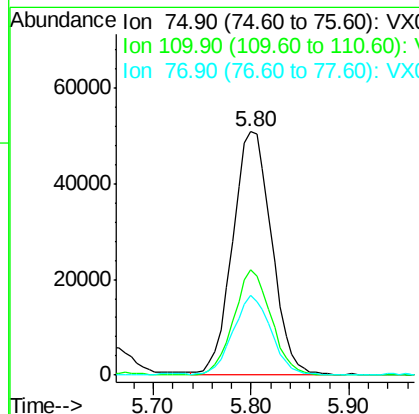
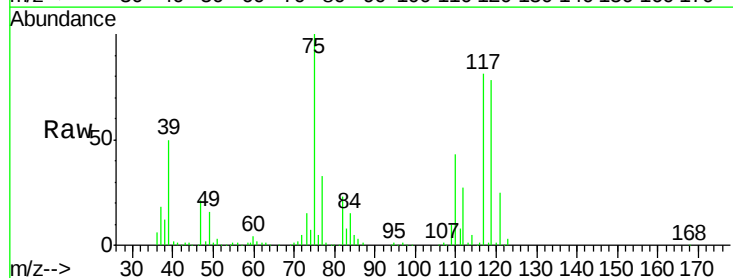
RT: 5.80 min Scan# 762

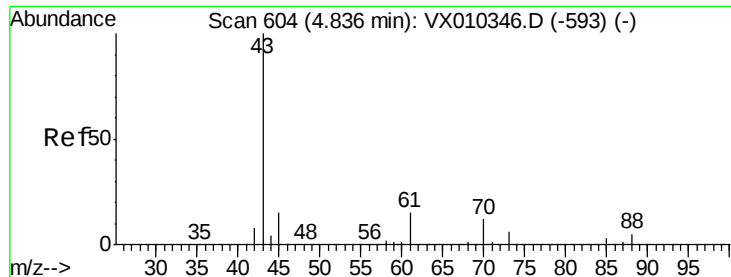
Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 140056 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 41.6  | 20.8  | 62.2   |
| 77       | 32.0  | 25.4  | 38.0   |





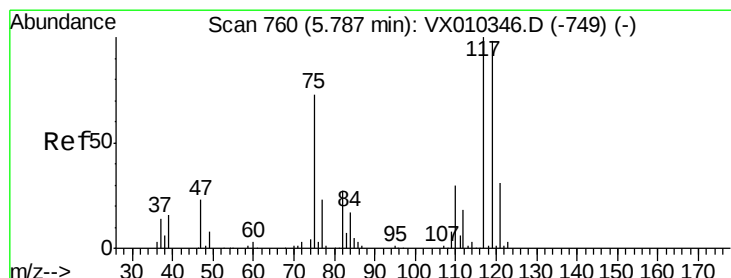
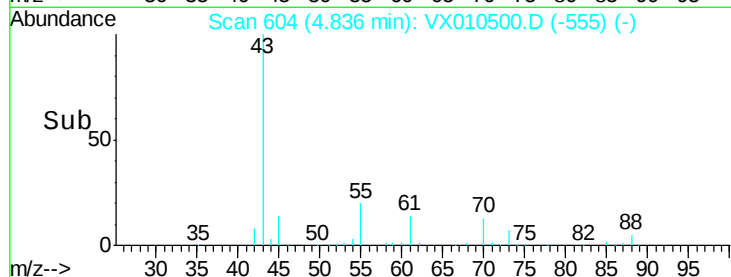
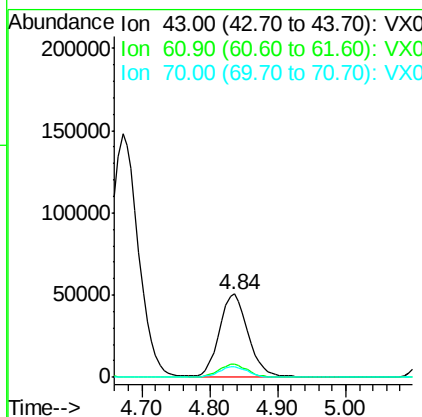
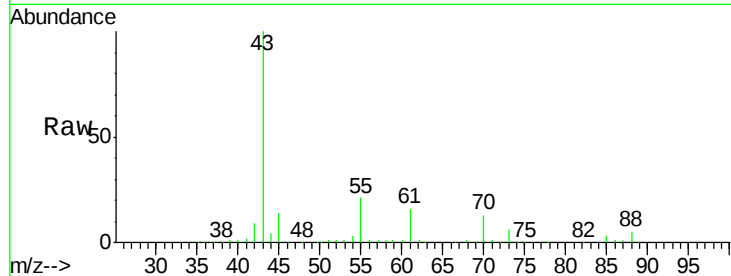
#37  
Ethyl Acetate  
Concen: 48.668 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
FL-0570MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.5  | 12.4  | 18.6  |
| 70      | 12.7  | 9.8   | 14.8  |

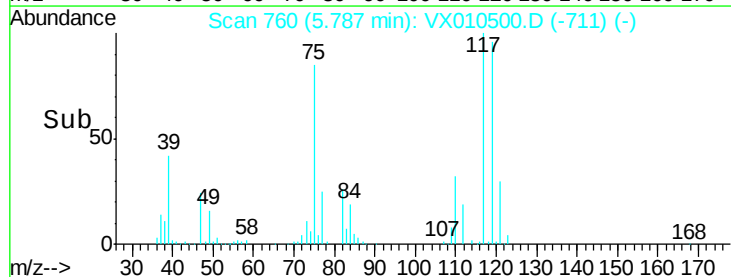
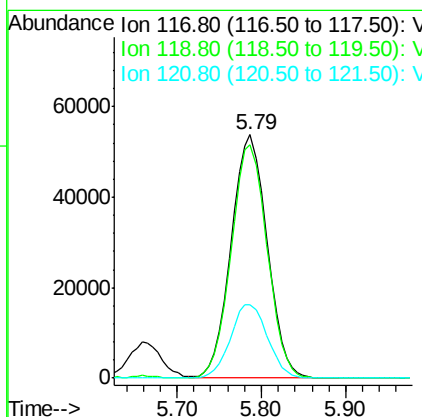
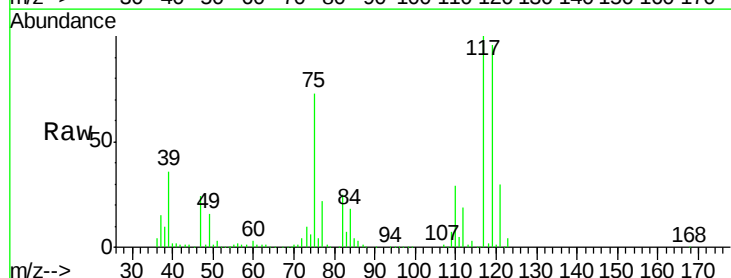
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#38  
Carbon Tetrachloride  
Concen: 48.351 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.0  | 78.2  | 117.4 |
| 121     | 30.1  | 24.7  | 37.1  |





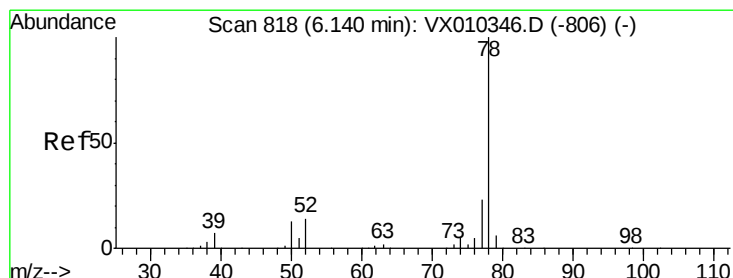
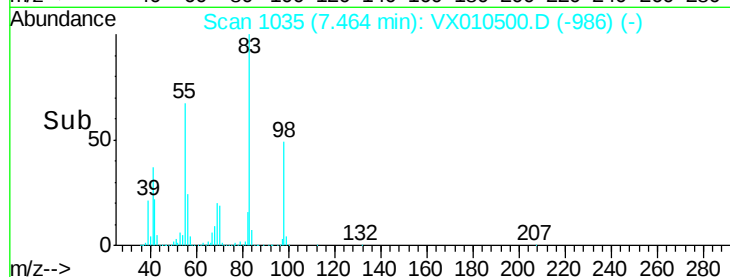
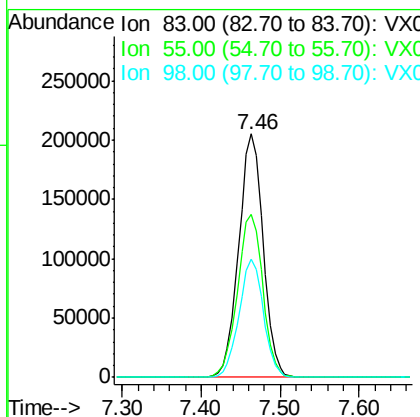
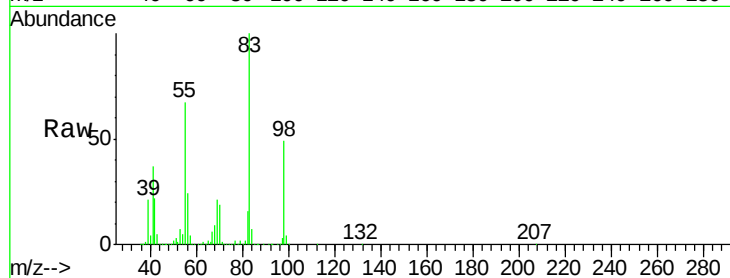
#39  
Methvlcvclohexane  
Concen: 113.228 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

Instrument :  
MSVOA\_X  
ClientSampled :  
FL-0570MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 67.1  | 53.0  | 79.6  |
| 98      | 48.7  | 37.8  | 56.8  |

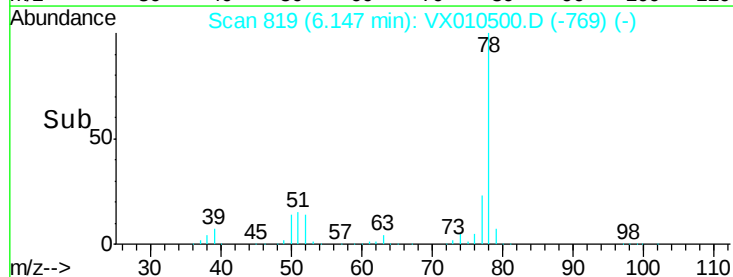
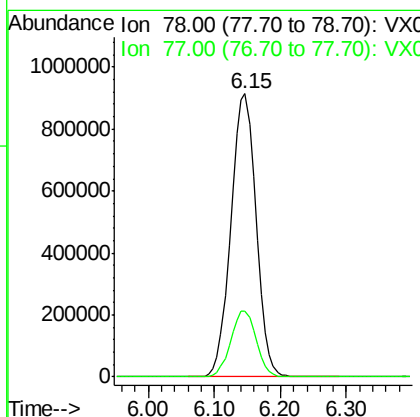
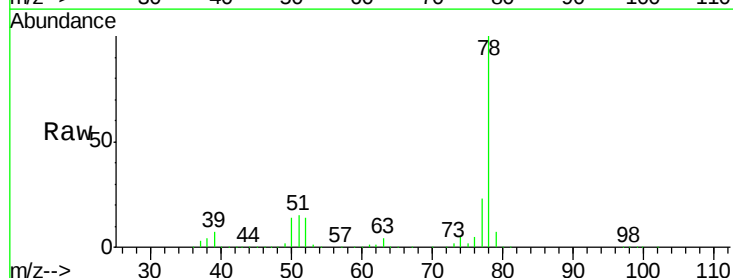
Manual Integrations  
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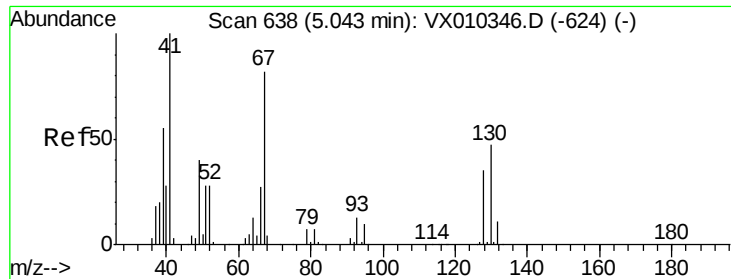
MMDadoda  
6/28/2019 10:38:31 AM



#40  
Benzene  
Concen: 260.569 ug/l  
RT: 6.15 min Scan# 819  
Delta R.T. 0.01 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.5  | 18.6  | 28.0  |





#41

Methacrylonitrile

Concen: 51.055 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

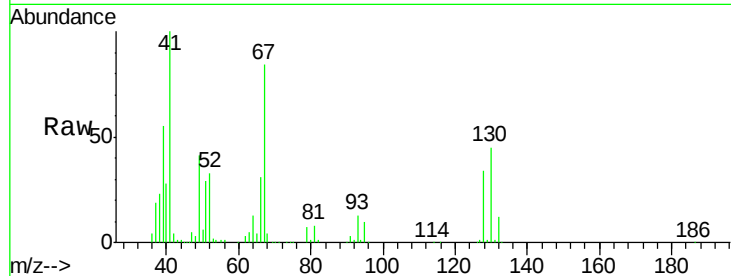
ClientSampled :

FL-0570MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 54.2 | 43.8  | 65.8  |       |
| 67      | 82.9 | 66.6  | 100.0 |       |
| 52      | 32.9 | 24.5  | 36.7  |       |

Manual Integrations  
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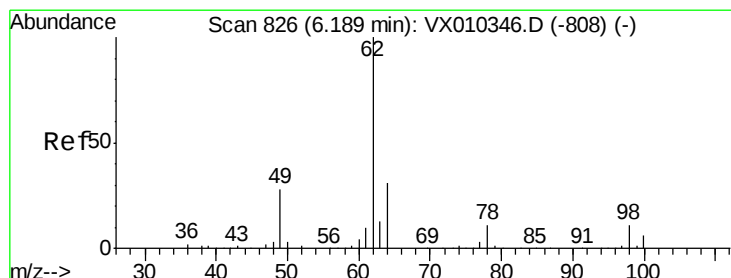
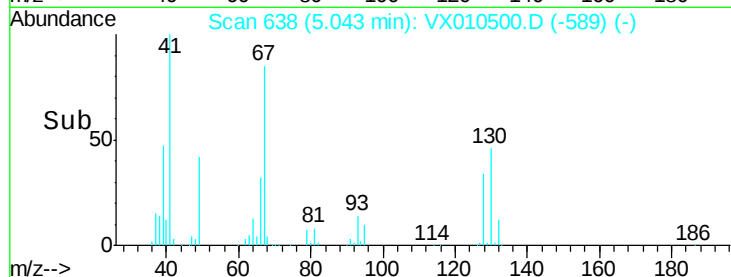
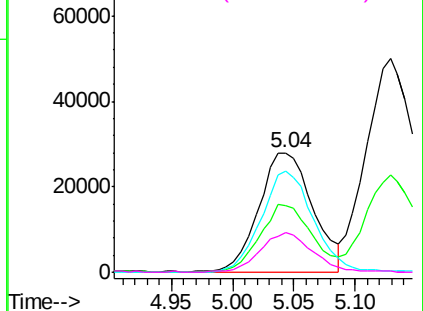


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 58.596 ug/l

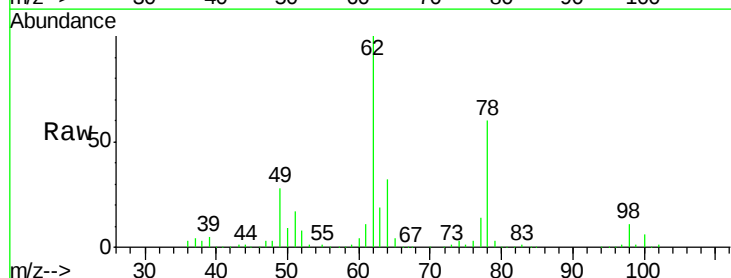
RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010500.D

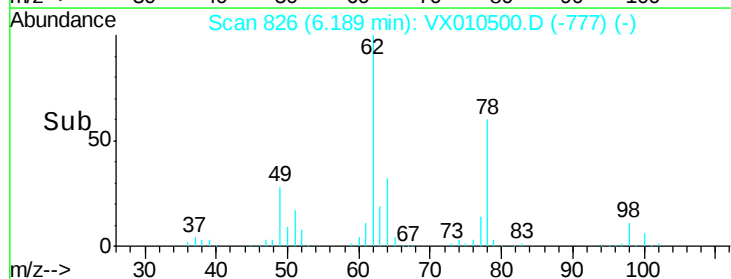
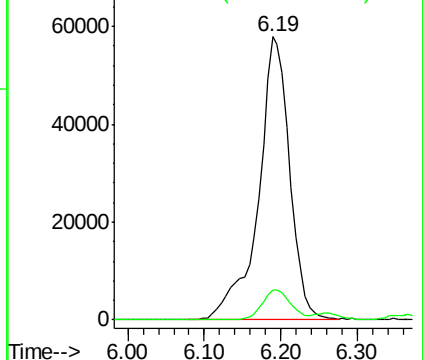
Acq: 27 Jun 2019 19:36

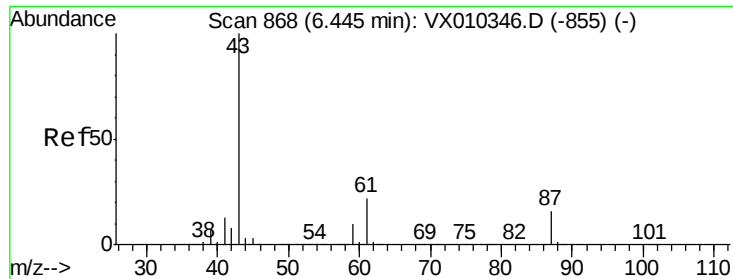
| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.8 | 0.0   | 22.2  |       |



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

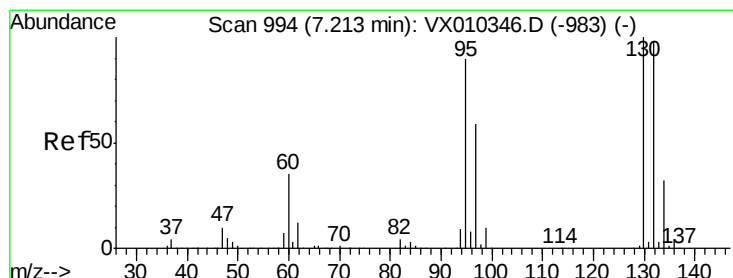
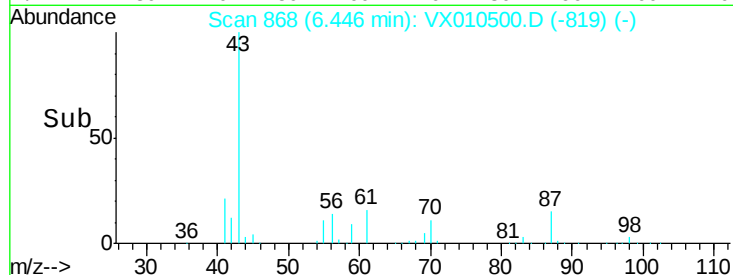
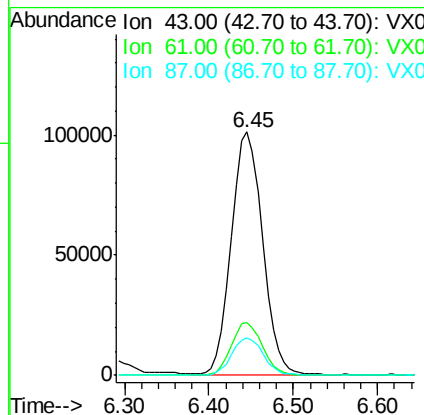
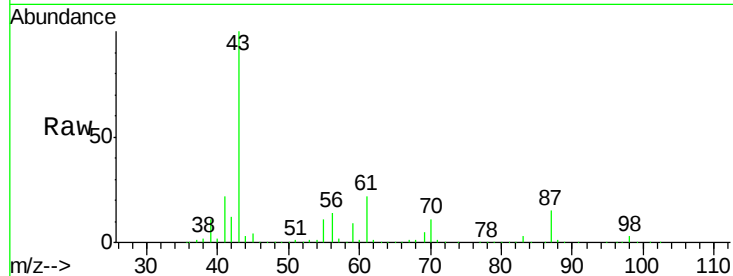
Isopropyl Acetate  
 Concen: 50.437 ug/l  
 RT: 6.45 min Scan# 868  
 Delta R.T. 0.00 min  
 Lab File: VX010500.D  
 Acq: 27 Jun 2019 19:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0570MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.8  | 17.8  | 26.6  |
| 87      | 15.6  | 13.0  | 19.4  |

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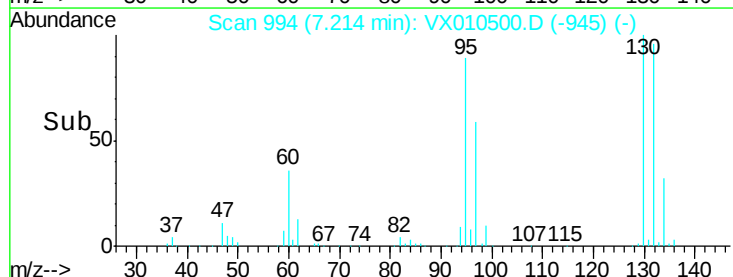
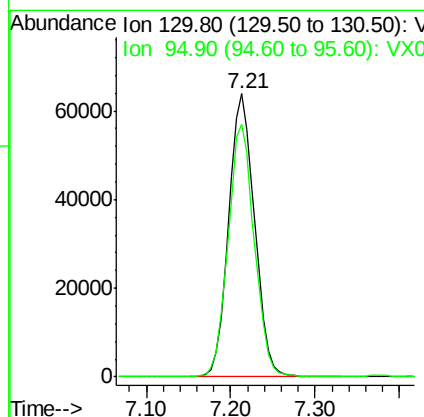
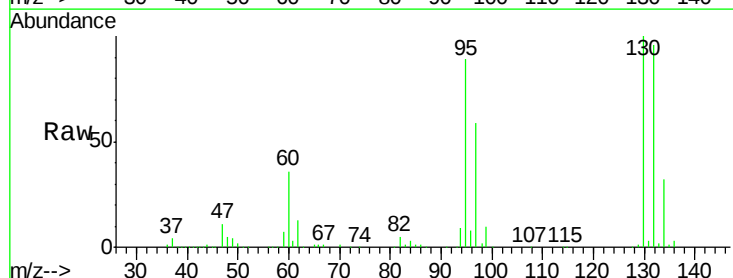
MMDadoda  
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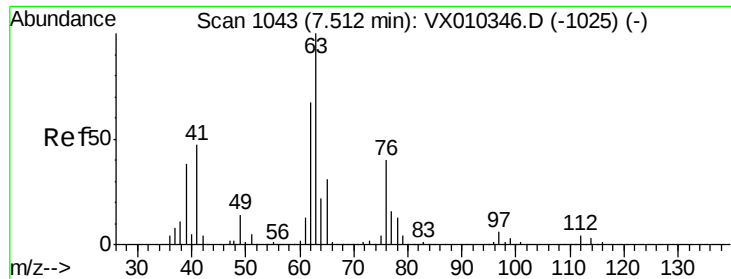


#44

Trichloroethene  
 Concen: 48.237 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: VX010500.D  
 Acq: 27 Jun 2019 19:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 89.1  | 0.0   | 180.8 |





#45

1,2-Dichloropropane

Concen: 50.399 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion: 63 Resp: 117701

Ion Ratio Lower Upper

63 100

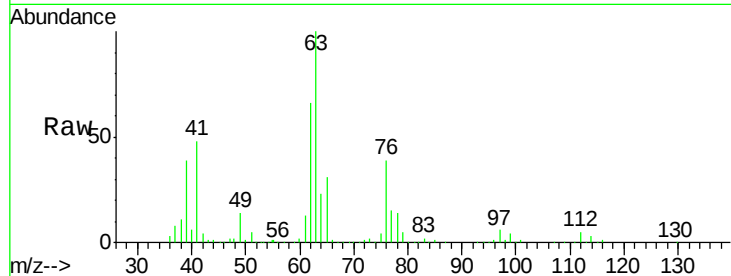
65 30.6 24.8 37.2

Manual Integrations

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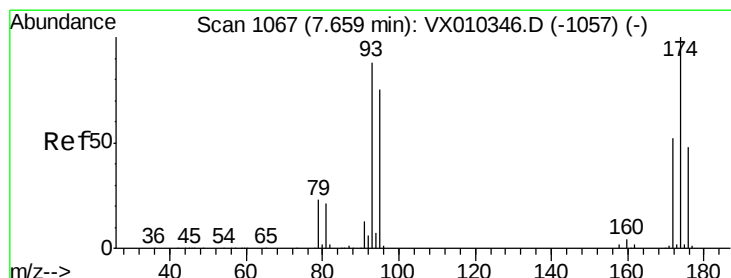
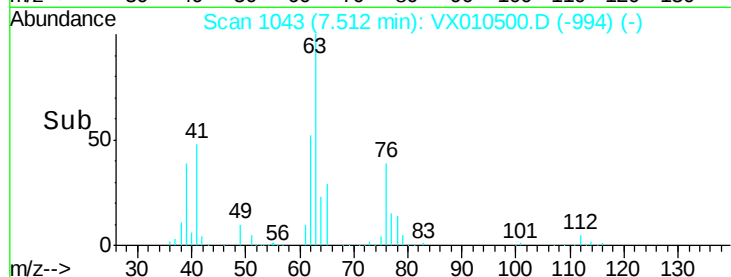
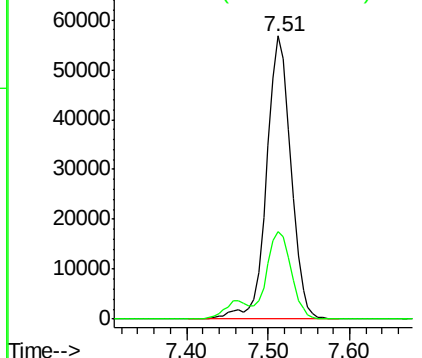
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.184 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

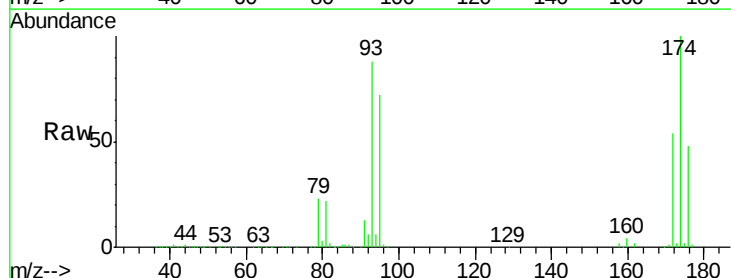
Tgt Ion: 93 Resp: 84087

Ion Ratio Lower Upper

93 100

95 85.0 67.5 101.3

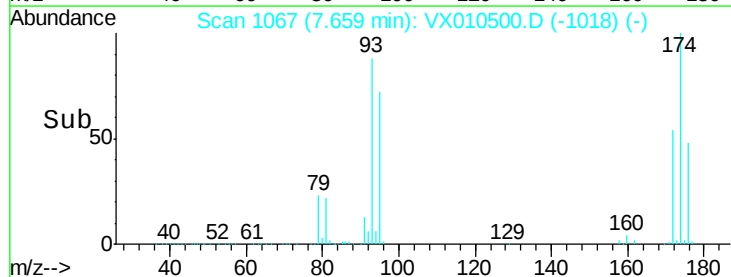
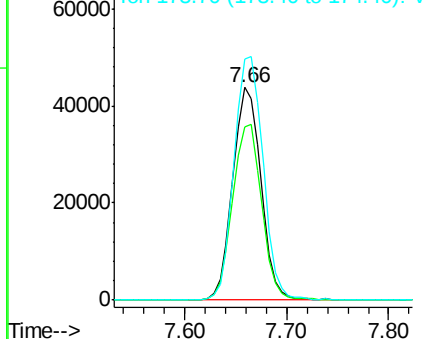
174 117.4 95.8 143.6

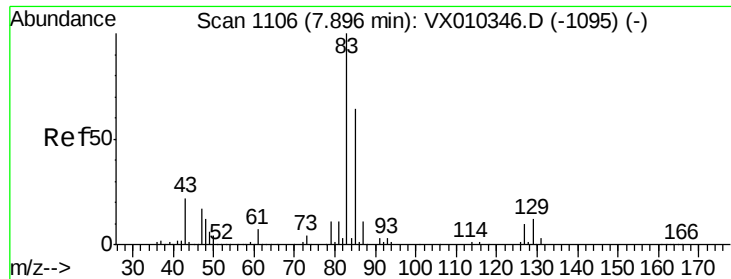


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.275 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

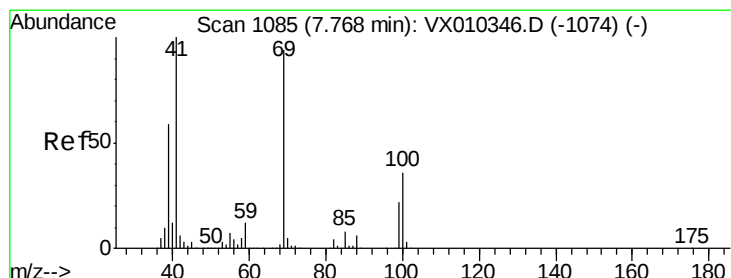
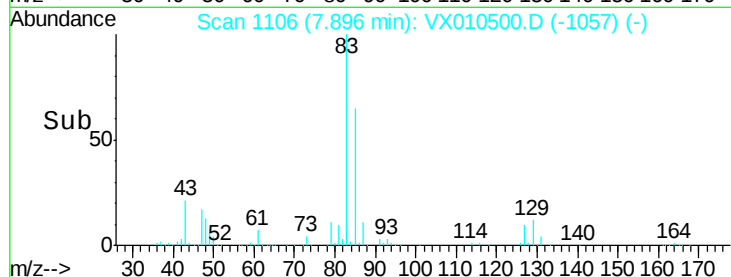
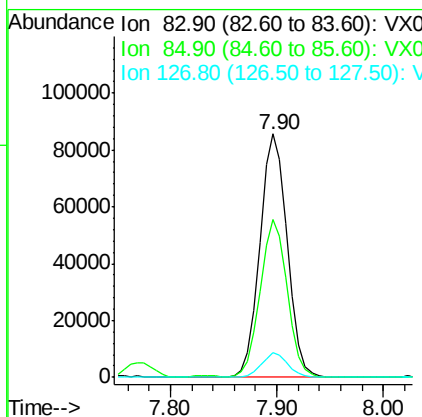
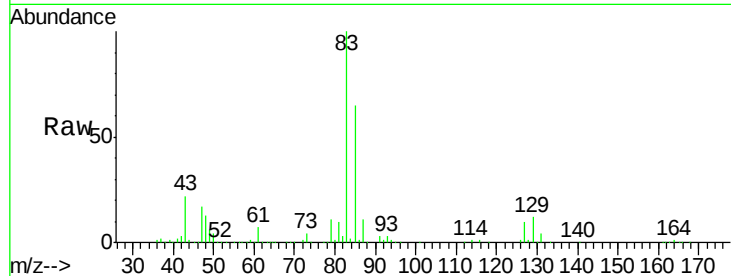
ClientSampled :

FL-0570MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 154380 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.9  | 51.5  | 77.3   |
| 127      | 9.9   | 7.8   | 11.8   |

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#48

Methyl methacrylate

Concen: 57.001 ug/l

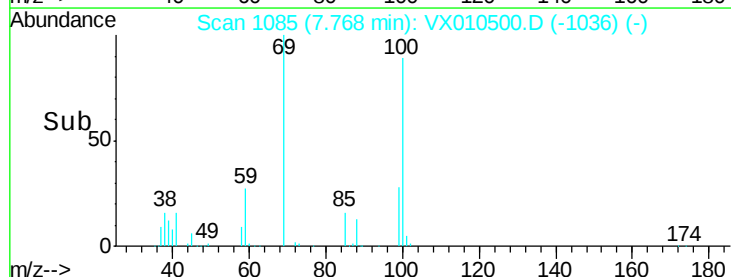
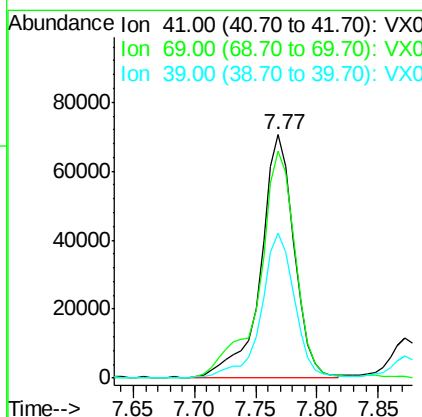
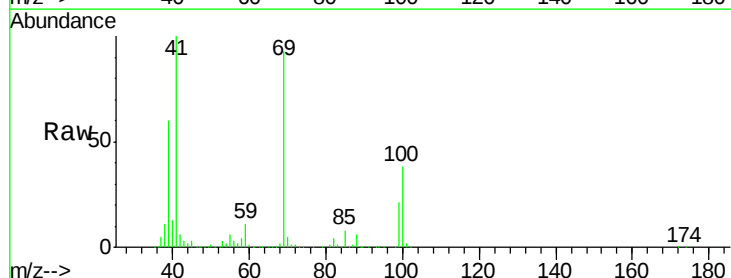
RT: 7.77 min Scan# 1085

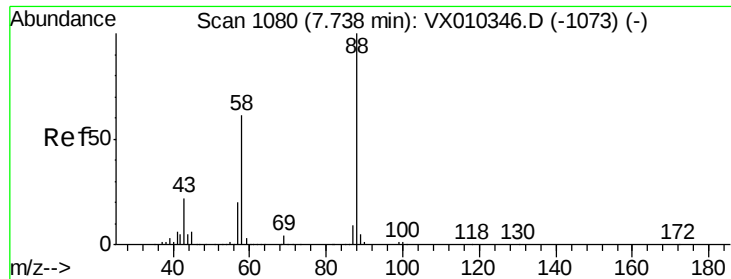
Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 133864 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 101.4 | 76.1  | 114.1  |
| 39       | 59.2  | 47.6  | 71.4   |





#49

1,4-Dioxane

Concen: 898.654 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

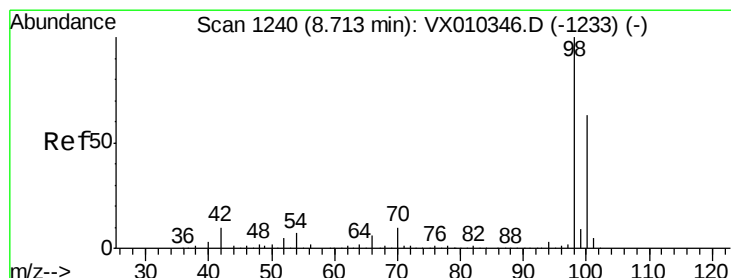
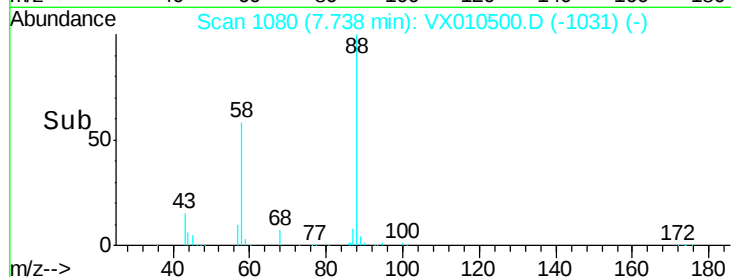
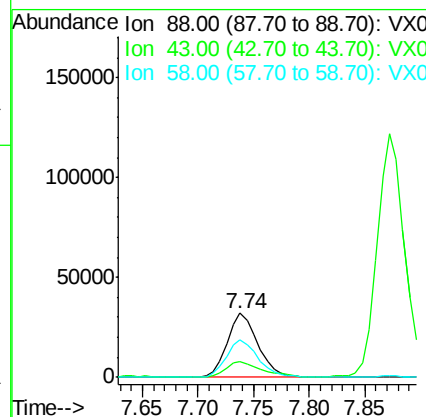
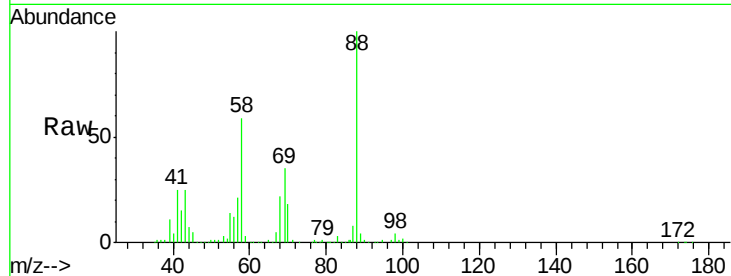
ClientSampleId :

FL-0570MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 60796 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 27.6  | 20.2  | 30.2  |
| 58       | 61.1  | 49.5  | 74.3  |

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#50

Toluene-d8

Concen: 51.061 ug/l

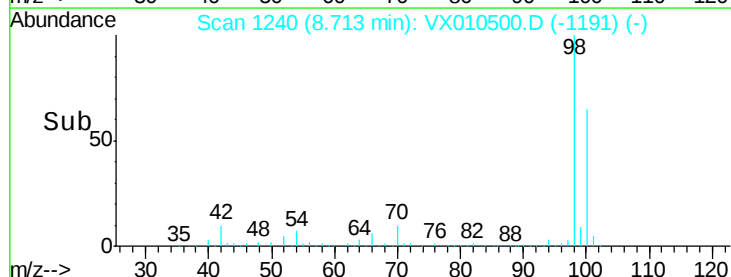
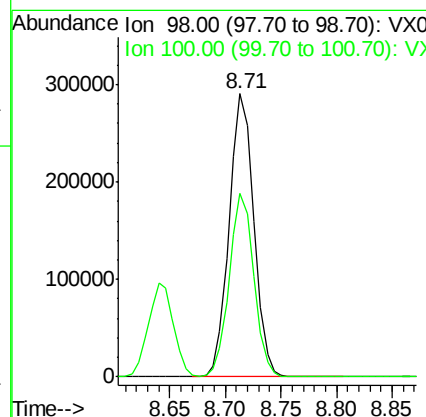
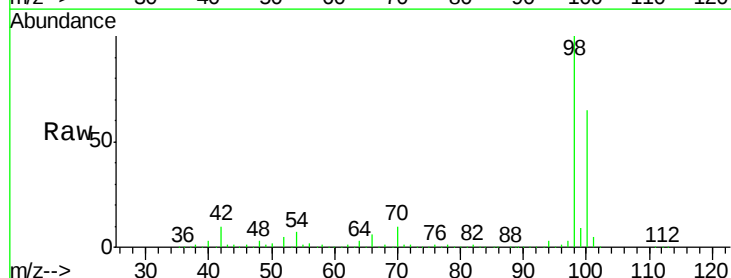
RT: 8.71 min Scan# 1240

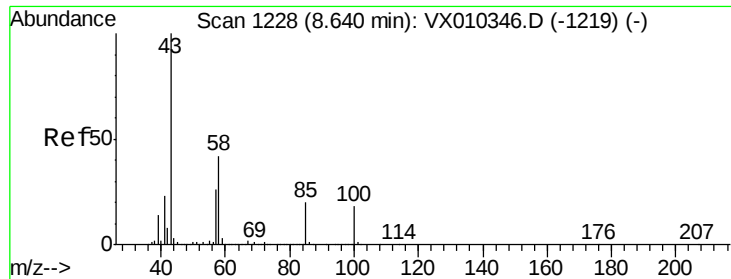
Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 446470 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.7  | 51.6  | 77.4   |





#51

4-Methyl-2-Pentanone

Concen: 263.621 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion: 43 Resp: 851846

Ion Ratio Lower Upper

43 100

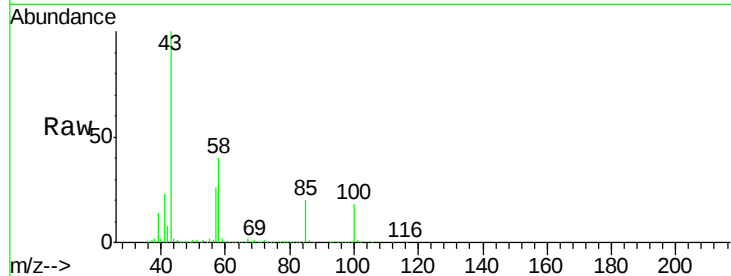
58 40.9 33.5 50.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

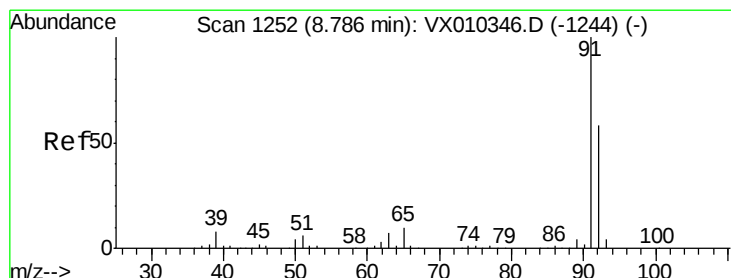
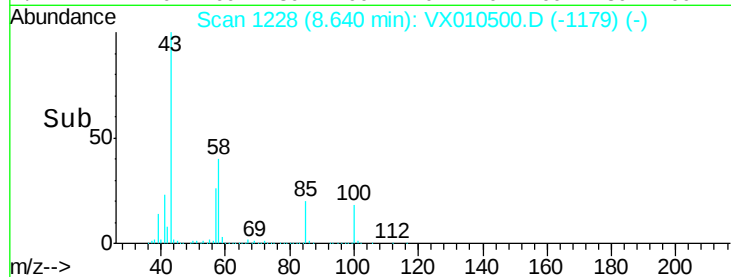
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 51.199 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010500.D

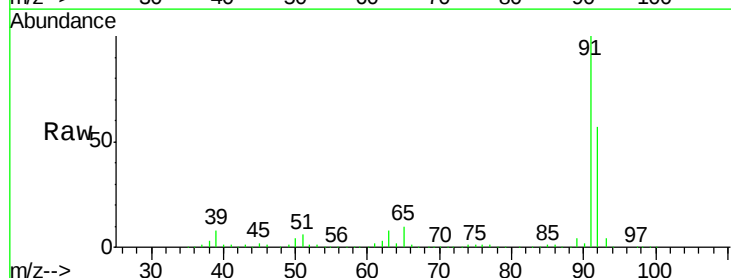
Acq: 27 Jun 2019 19:36

Tgt Ion: 92 Resp: 311811

Ion Ratio Lower Upper

92 100

91 173.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

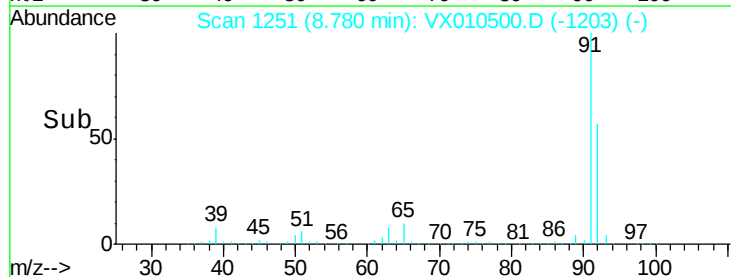
200000

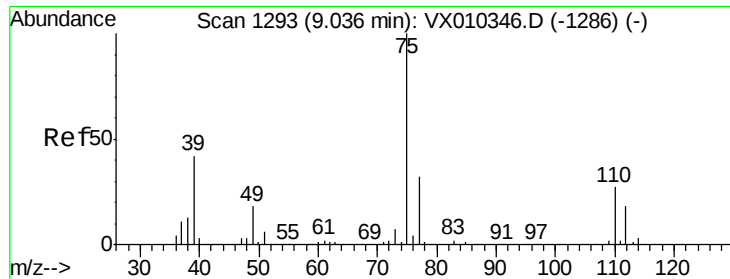
100000

0

8.70 8.80 8.90

Time-->





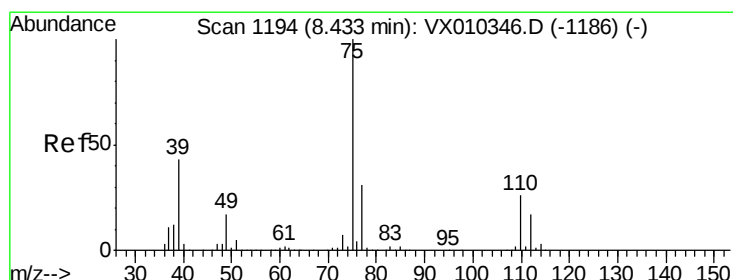
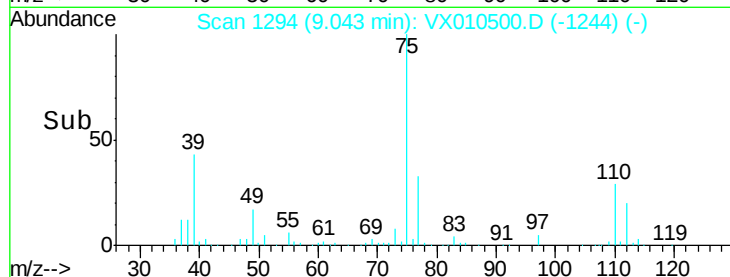
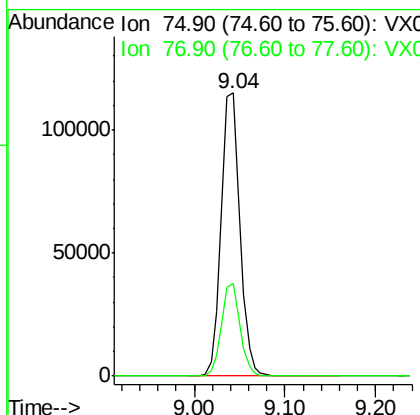
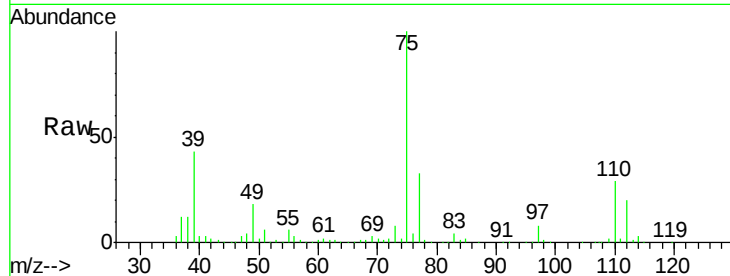
#53  
t-1,3-Dichloropropene  
Concen: 48.565 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. 0.01 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

Instrument :  
MSVOA\_X  
ClientSampled :  
FL-0570MSD

Tot Ion: 75 Resp: 167193  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.4 38.2

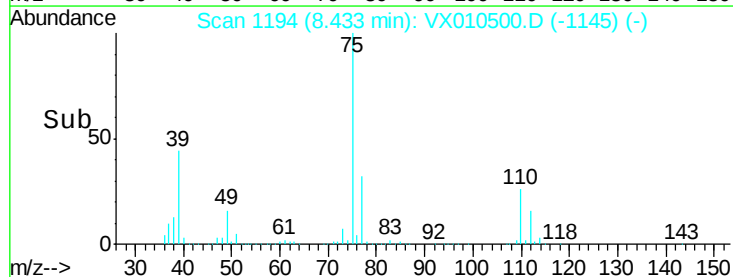
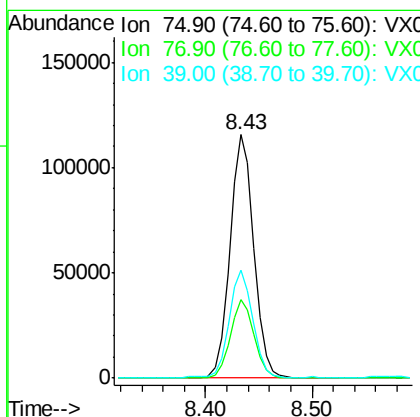
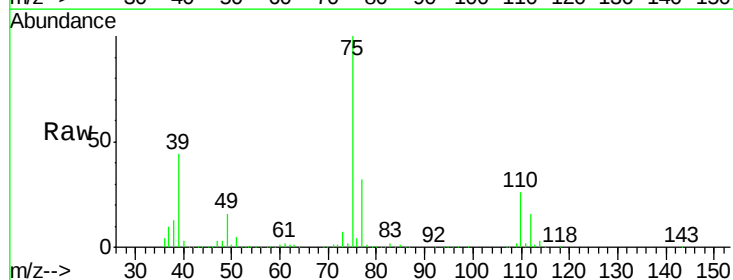
Manual Integrations  
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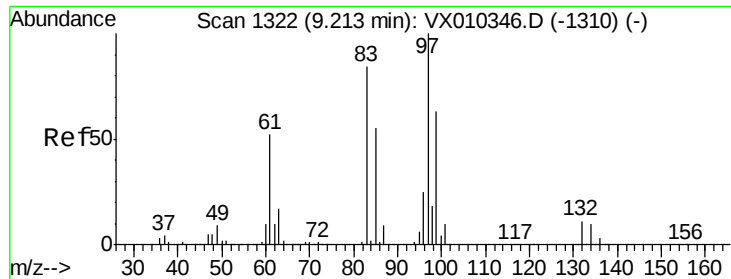
MMDadoda  
6/28/2019 10:38:31 AM



#54  
cis-1,3-Dichloropropene  
Concen: 48.231 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

Tgt Ion: 75 Resp: 180443  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.2 37.8  
39 44.0 34.5 51.7





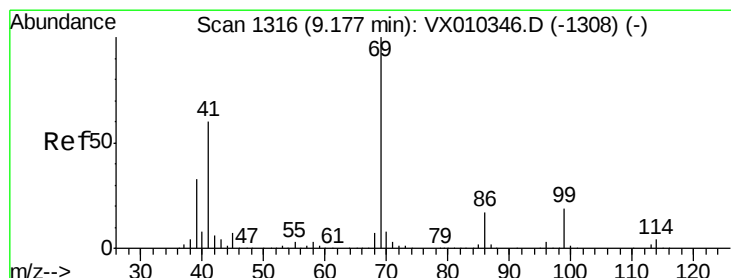
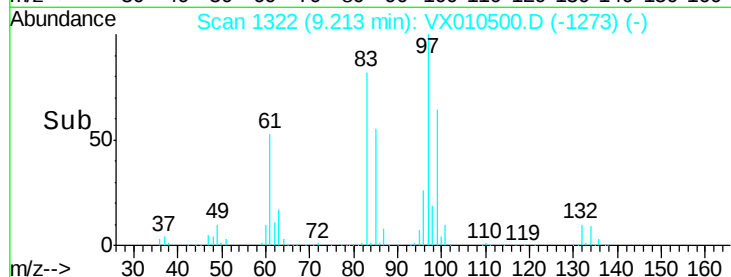
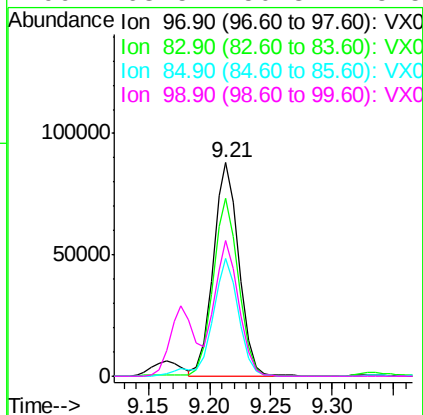
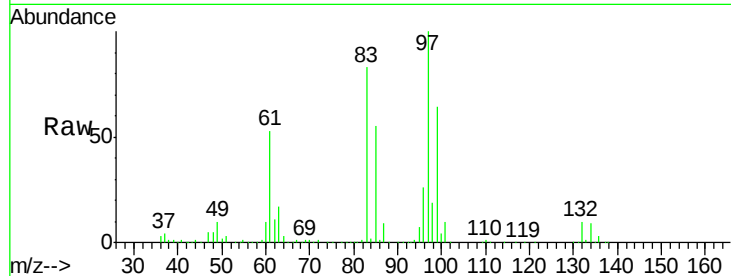
#55  
1,1,2-Trichloroethane  
Concen: 50.900 ug/l  
RT: 9.21 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

Instrument :  
MSVOA\_X  
ClientSampled :  
FL-0570MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 127846 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.2  | 67.4  | 101.0  |
| 85       | 55.0  | 43.8  | 65.8   |
| 99       | 63.5  | 50.3  | 75.5   |

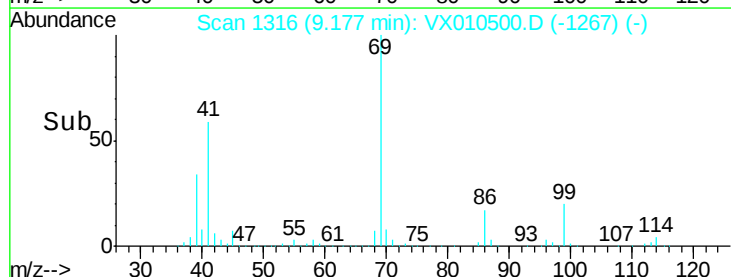
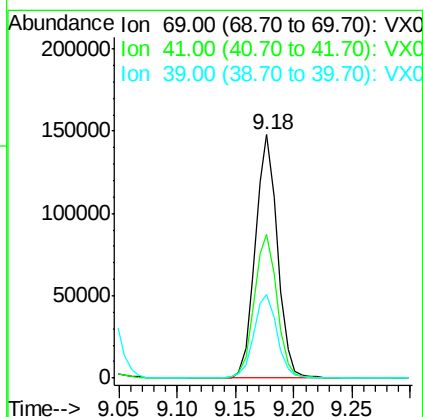
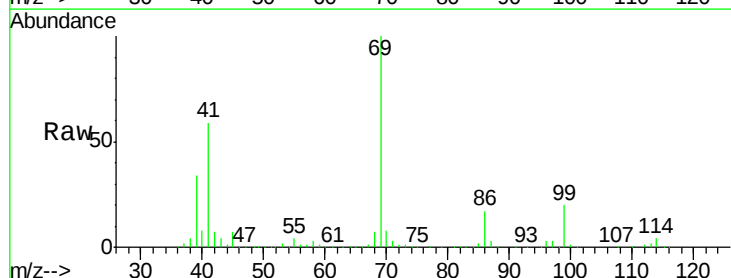
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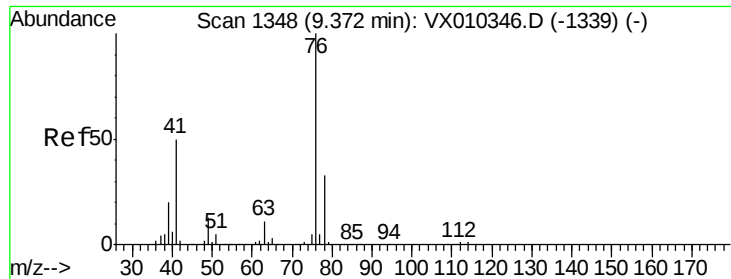
MMDadoda  
6/28/2019 10:38:31 AM



#56  
Ethyl methacrylate  
Concen: 51.602 ug/l  
RT: 9.18 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 196340 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.7  | 47.1  | 70.7   |
| 39       | 35.7  | 26.6  | 40.0   |





#57

1,3-Dichloropropane

Concen: 51.025 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion: 76 Resp: 198941

Ion Ratio Lower Upper

76 100

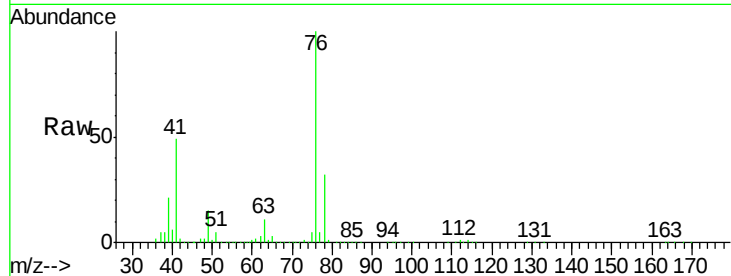
78 32.2 26.1 39.1

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

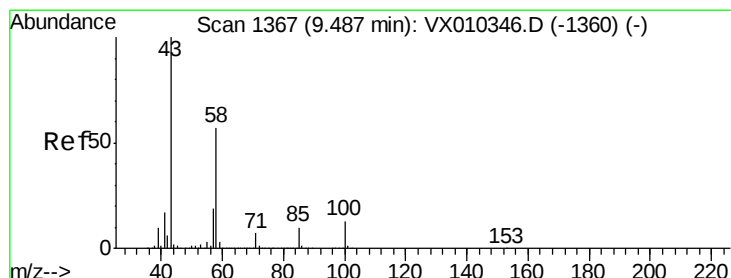
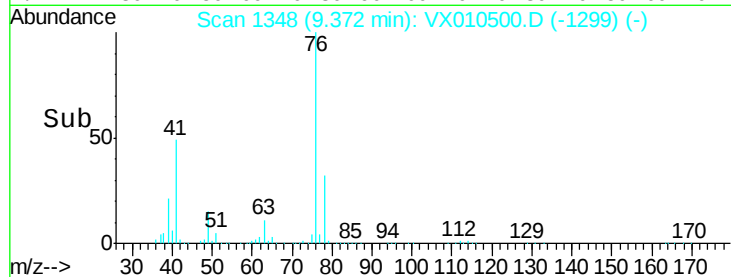
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 253.837 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX010500.D

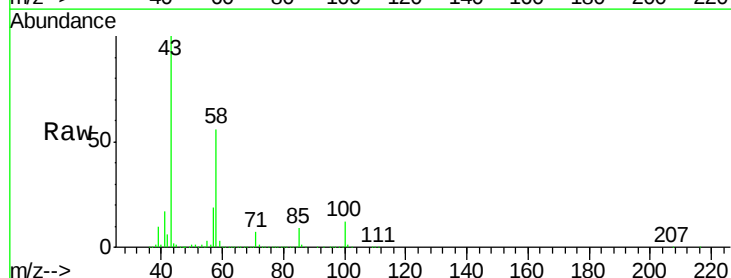
Acq: 27 Jun 2019 19:36

Tgt Ion: 43 Resp: 645550

Ion Ratio Lower Upper

43 100

58 57.3 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

500000

400000

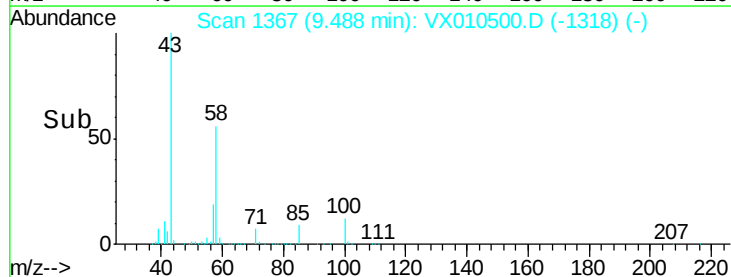
300000

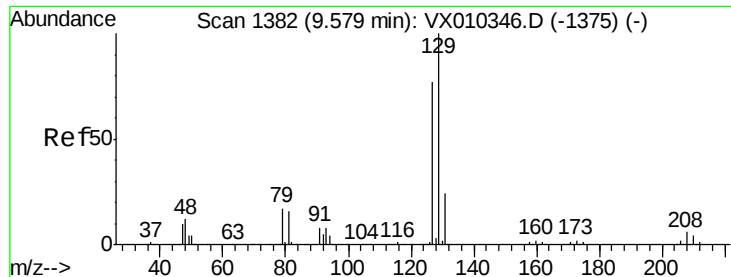
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 50.018 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion:129 Resp: 140663

Ion Ratio Lower Upper

129 100

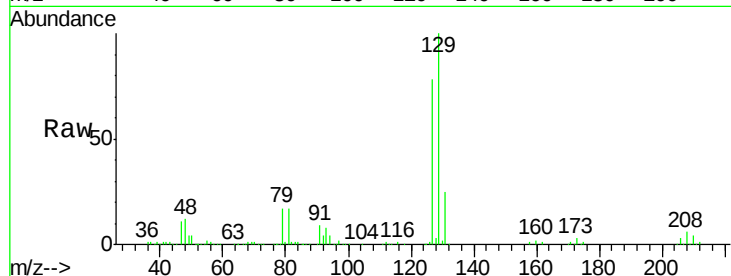
127 77.5 38.4 115.1

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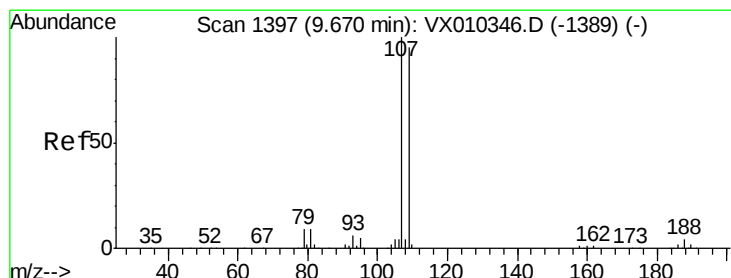
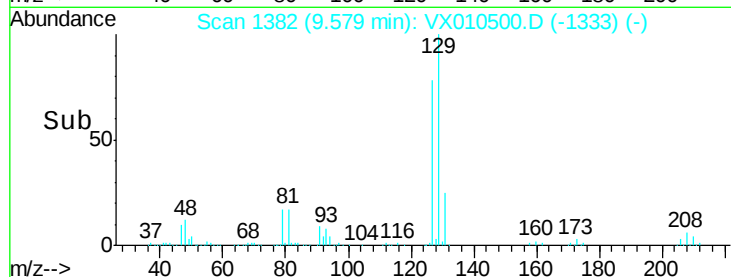
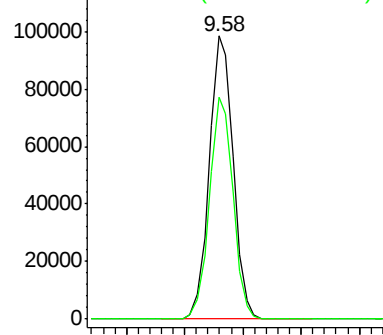
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.710 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010500.D

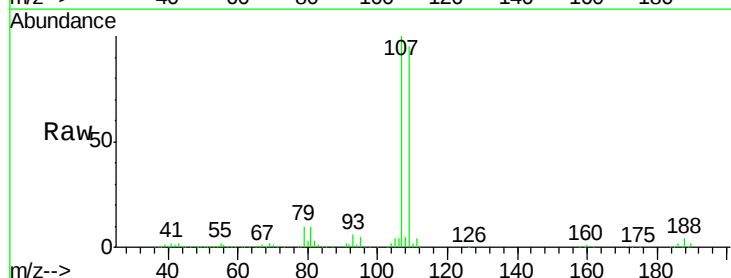
Acq: 27 Jun 2019 19:36

Tgt Ion:107 Resp: 137479

Ion Ratio Lower Upper

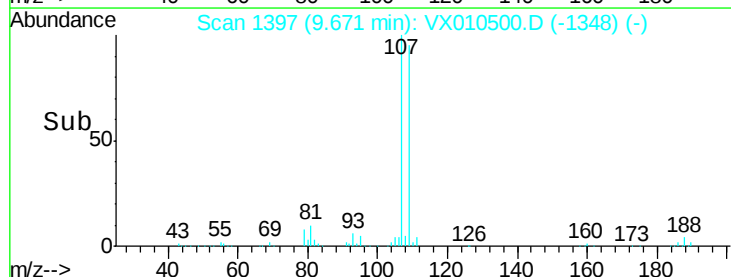
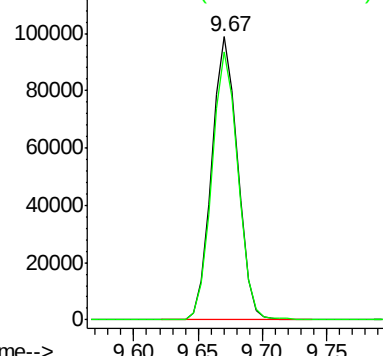
107 100

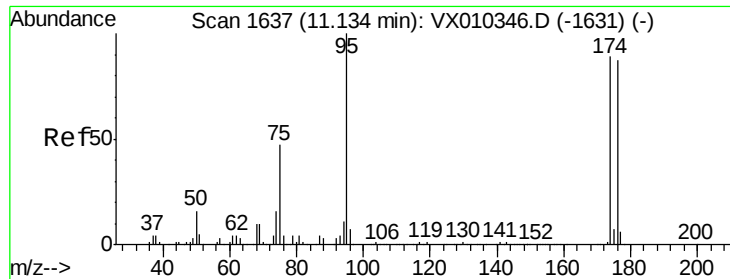
109 95.6 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 52.510 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

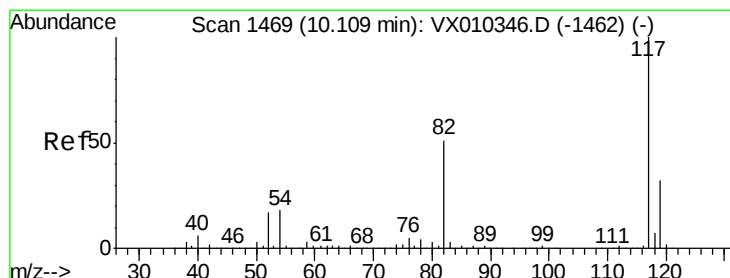
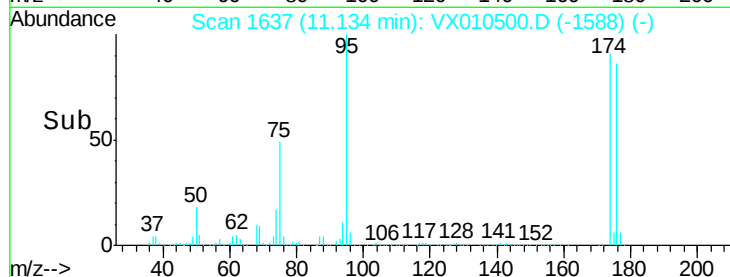
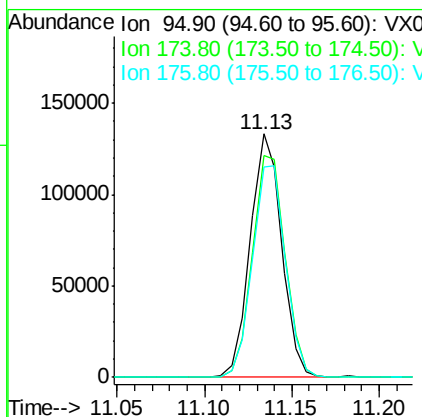
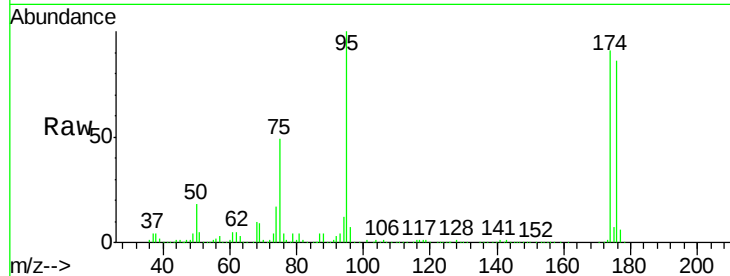
ClientSampleId :

FL-0570MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 95    | Resp: | 165761 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 95.4  | 0.0   | 187.6  |
| 176       | 91.8  | 0.0   | 184.0  |

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

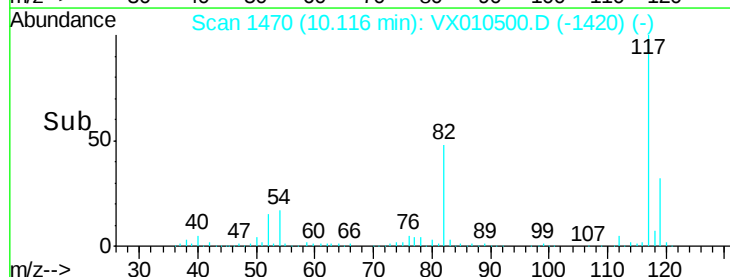
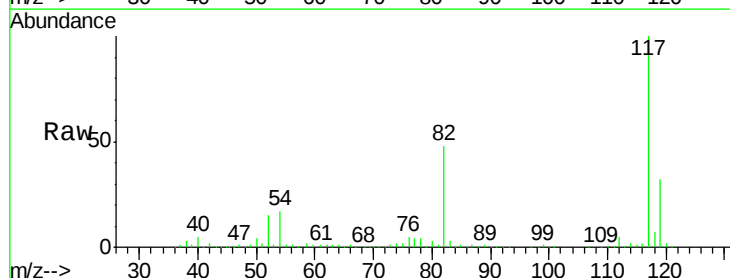
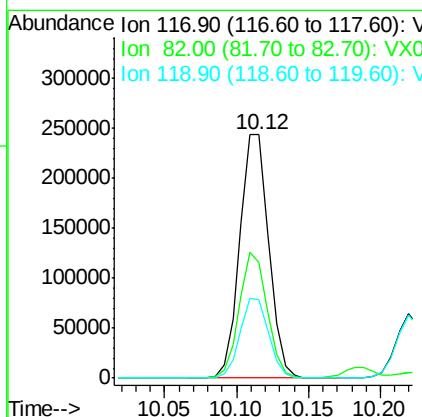
RT: 10.12 min Scan# 1470

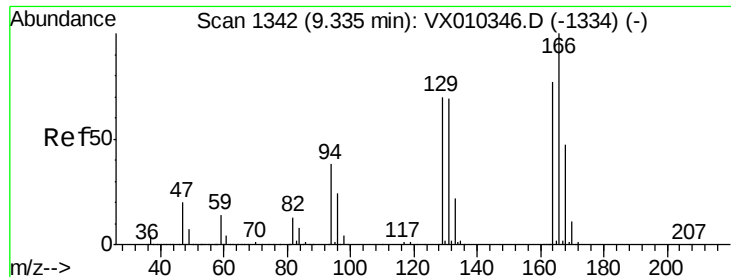
Delta R.T. 0.01 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 341397 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 47.7  | 41.2  | 61.8   |
| 119       | 32.2  | 25.5  | 38.3   |





#64

Tetrachloroethene

Concen: 44.401 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion:164 Resp: 122606

Ion Ratio Lower Upper

164 100

166 126.8 103.6 155.4

129 90.6 73.0 109.4

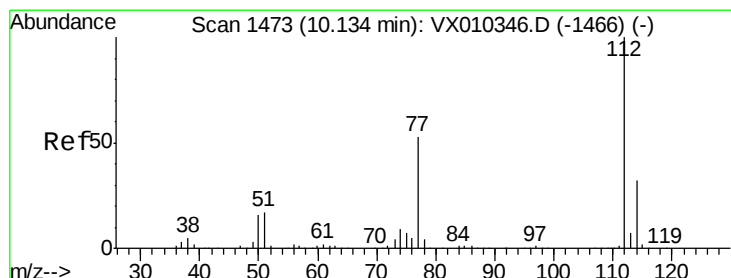
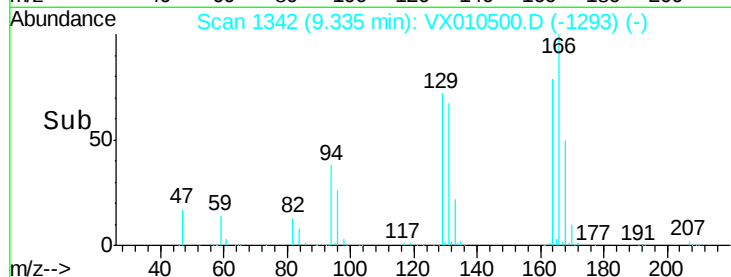
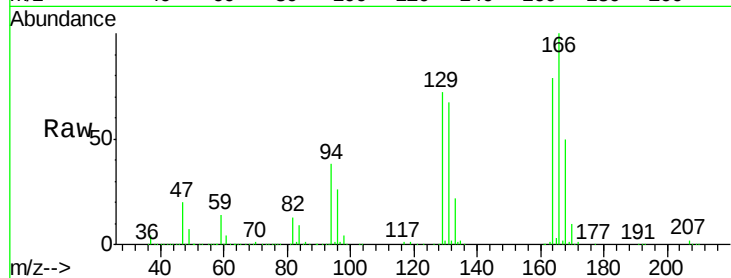
131 85.3 71.0 106.4

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#65

Chlorobenzene

Concen: 49.671 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010500.D

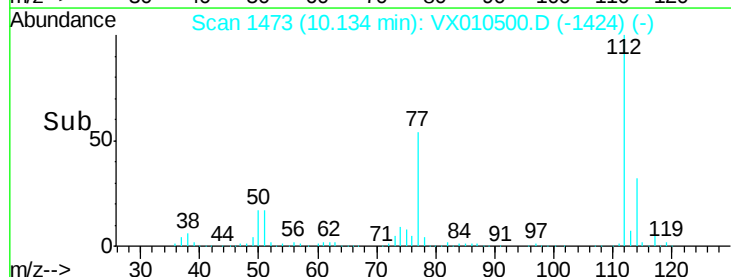
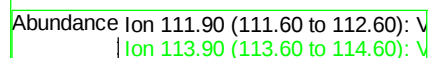
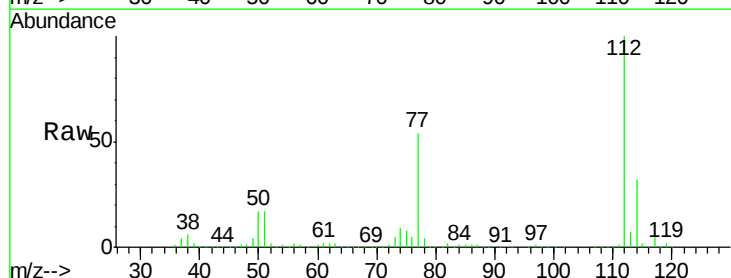
Acq: 27 Jun 2019 19:36

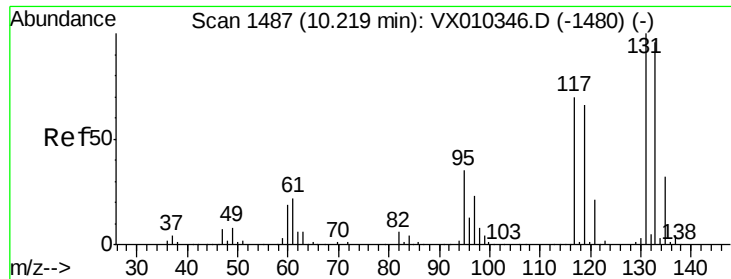
Tgt Ion:112 Resp: 344269

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 51.552 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion:131 Resp: 130149

Ion Ratio Lower Upper

131 100

133 95.5 47.7 143.1

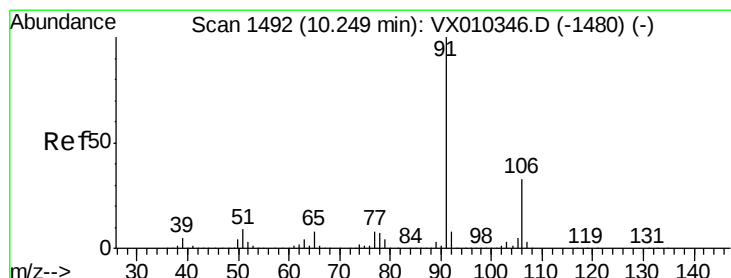
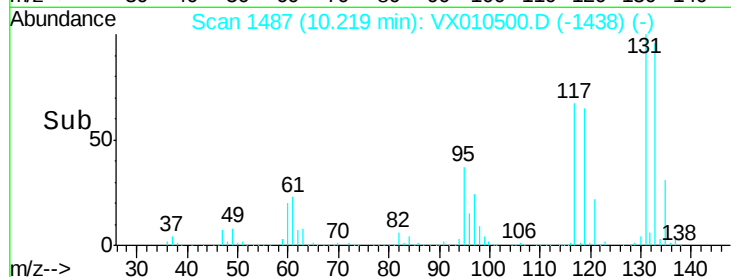
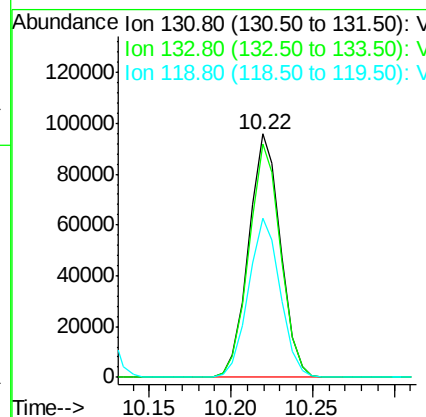
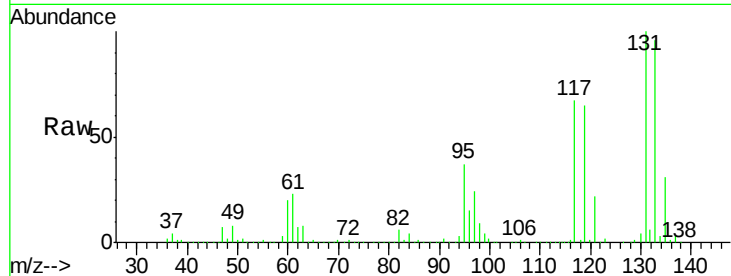
119 65.6 32.6 97.7

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#67

Ethyl Benzene

Concen: 283.186 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010500.D

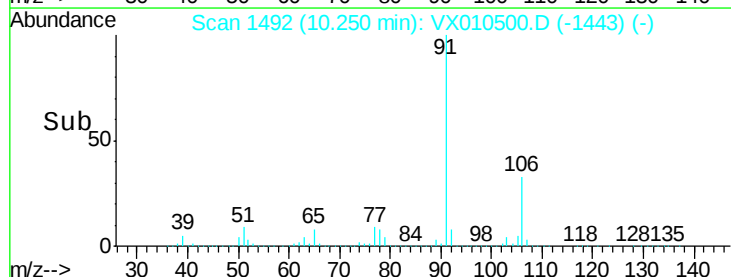
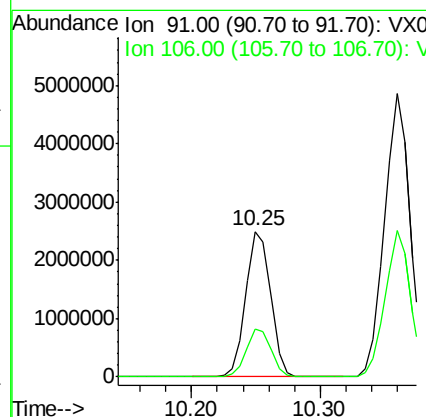
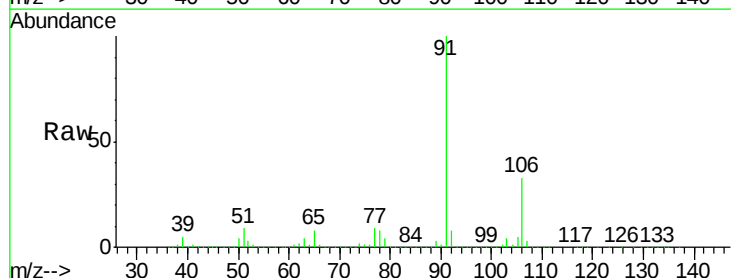
Acq: 27 Jun 2019 19:36

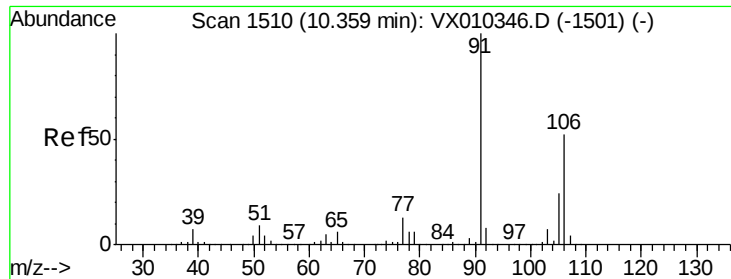
Tgt Ion: 91 Resp: 3313578

Ion Ratio Lower Upper

91 100

106 32.8 26.2 39.2





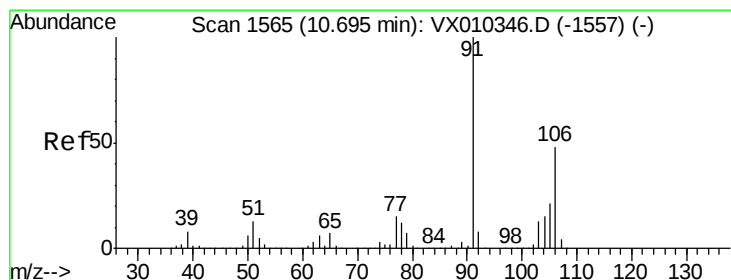
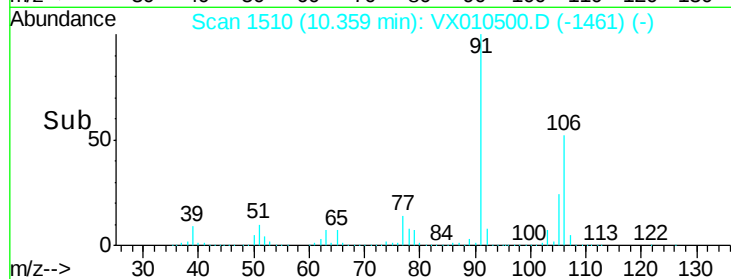
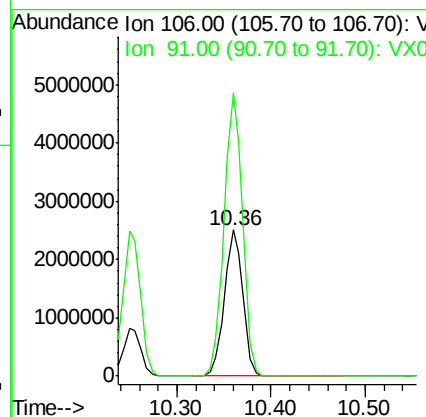
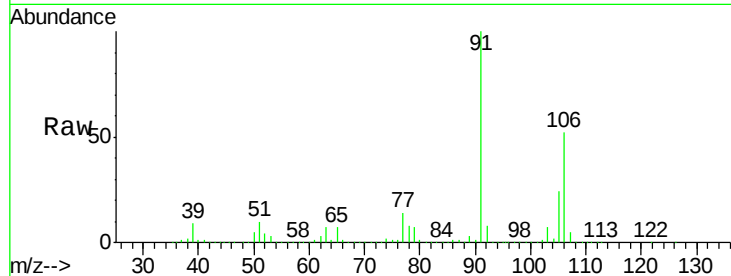
#68  
m/p-Xvlenes  
Concen: 743.374 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

Instrument :  
MSVOA\_X  
ClientSampled :  
FL-0570MSD

Tot Ion:106 Resp: 3370363  
Ion Ratio Lower Upper  
106 100  
91 195.8 155.3 232.9

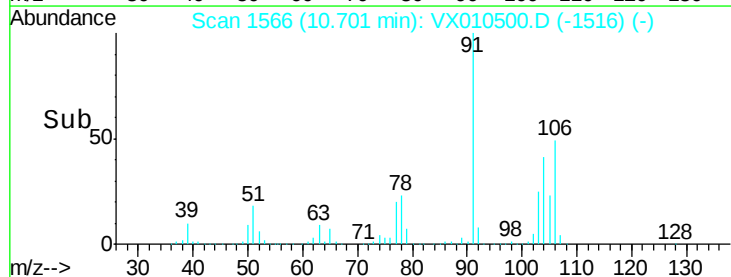
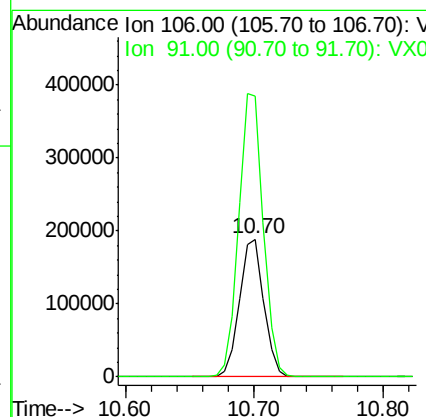
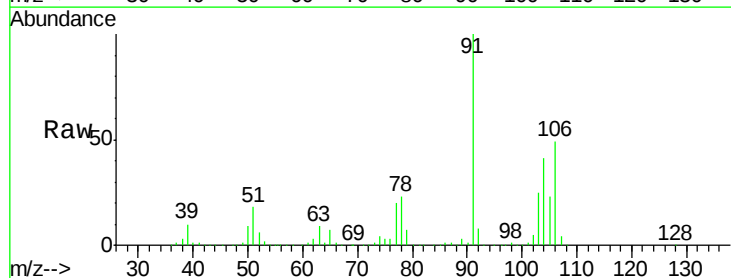
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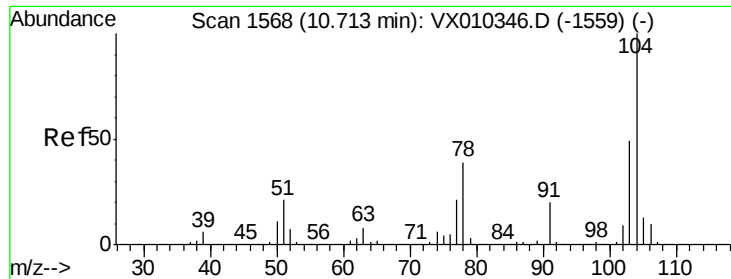
MMDadoda  
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#69  
o-Xylene  
Concen: 55.606 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.01 min  
Lab File: VX010500.D  
Acq: 27 Jun 2019 19:36

Tgt Ion:106 Resp: 247928  
Ion Ratio Lower Upper  
106 100  
91 207.9 102.7 308.1





#70

Stvrene

Concen: 51.478 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

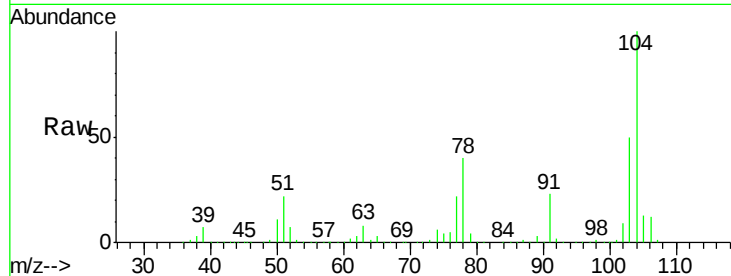
ClientSampleId :

FL-0570MSD

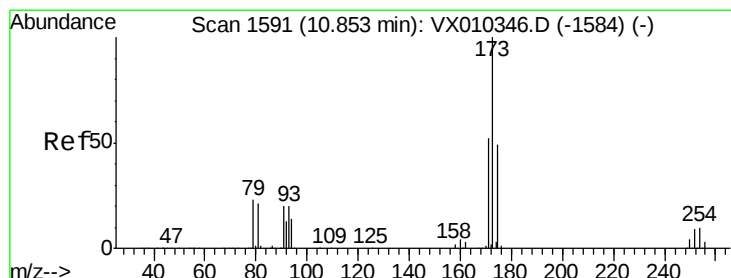
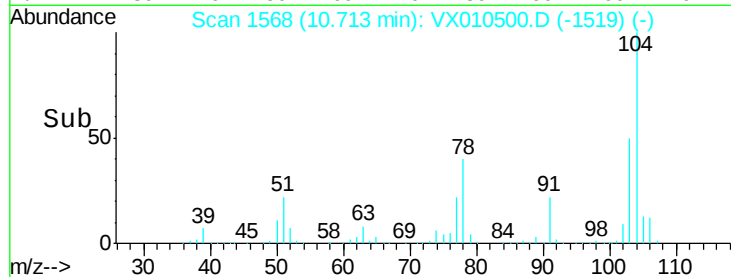
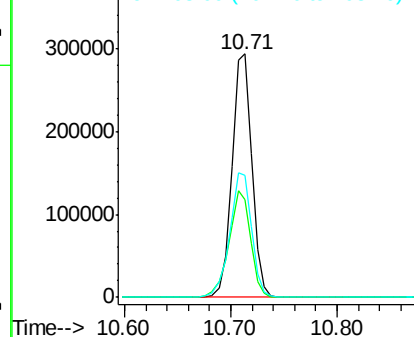
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 104   | Resp: | 384915 |
| Ion Ratio | Lower | Upper |        |
| 104       | 100   |       |        |
| 78        | 47.3  | 36.2  | 54.2   |
| 103       | 55.7  | 44.2  | 66.4   |

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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: 50.589 ug/l

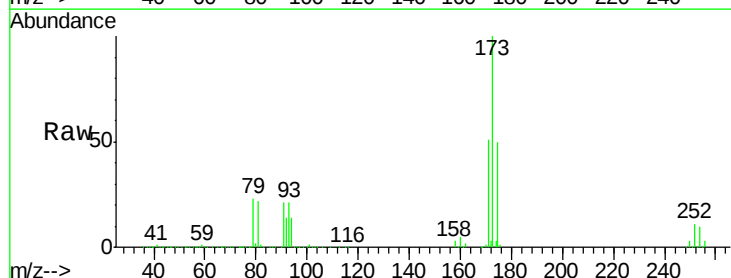
RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

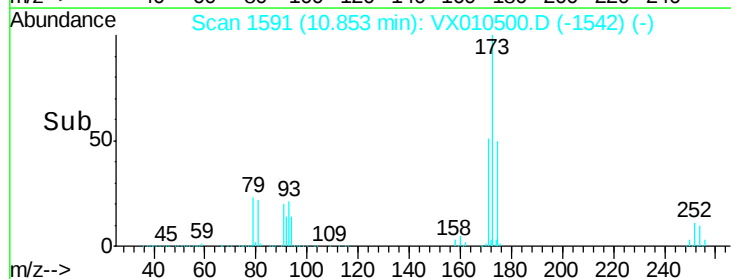
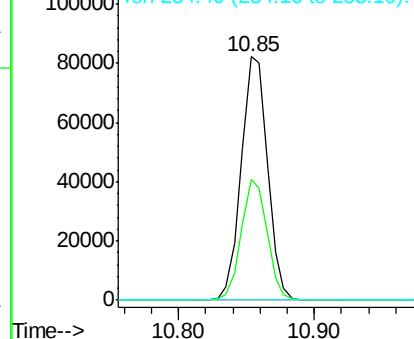
Lab File: VX010500.D

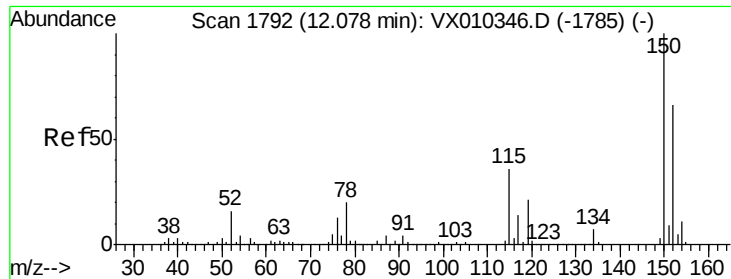
Acq: 27 Jun 2019 19:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 173   | Resp: | 111068 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.6  | 24.1  | 72.3   |
| 254       | 0.1   | 0.2   | 0.2#   |



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: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion:152 Resp: 177421

Ion Ratio Lower Upper

152 100

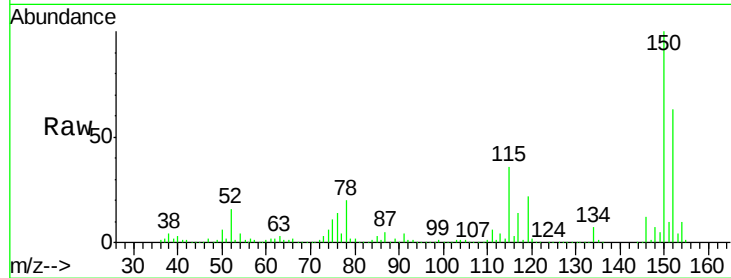
115 81.7 38.6 115.7

150 173.3 0.0 347.4

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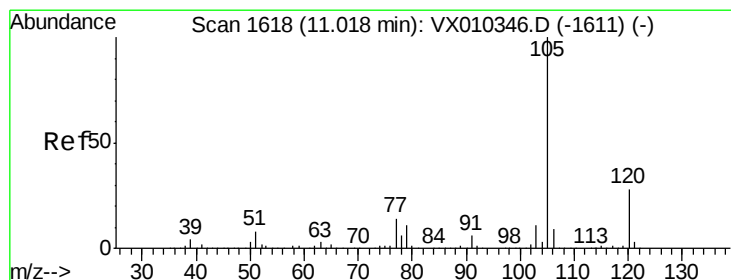
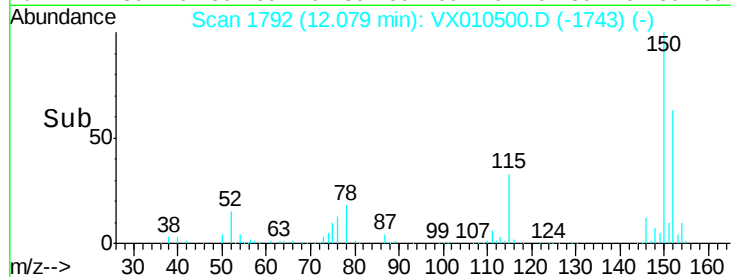
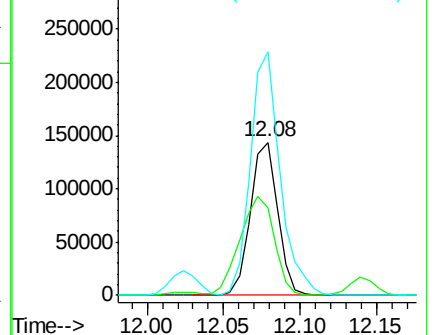
6/28/2019 10:38:31 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 70.894 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010500.D

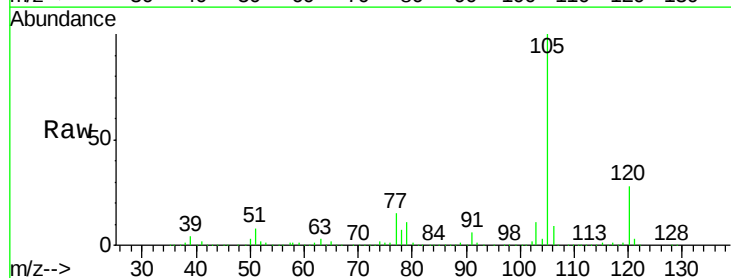
Acq: 27 Jun 2019 19:36

Tgt Ion:105 Resp: 852637

Ion Ratio Lower Upper

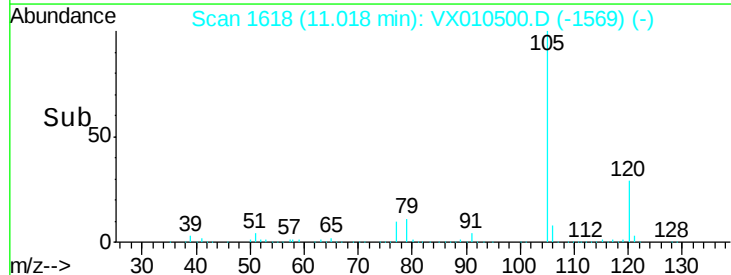
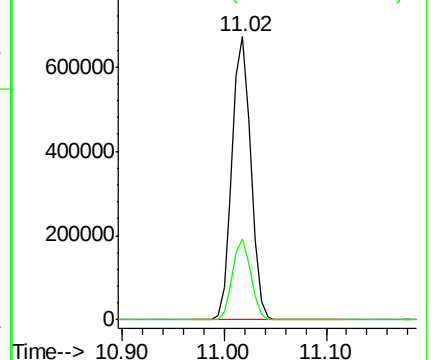
105 100

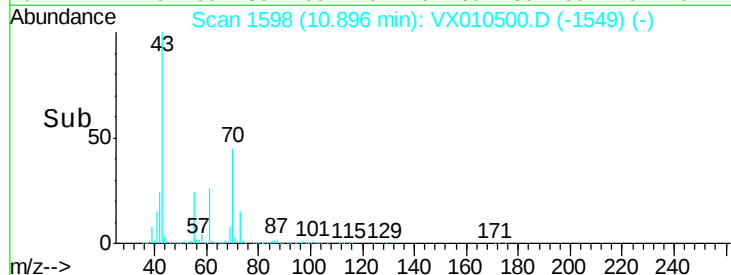
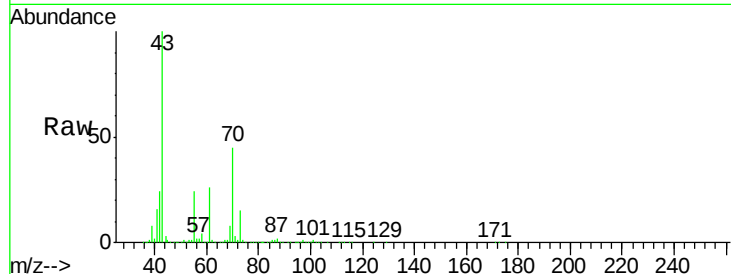
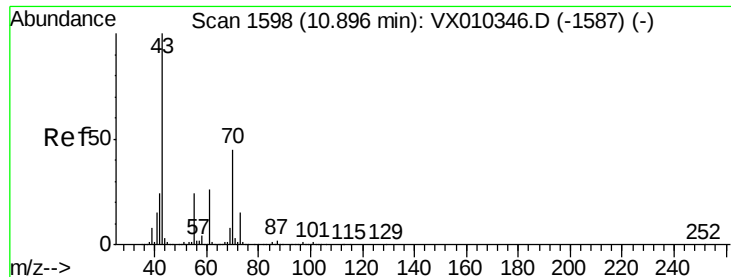
120 27.9 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.878 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

| Tot Ion   | 43    | Resp  | 222164 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 70        | 45.3  | 36.6  | 54.8   |
| 55        | 23.9  | 18.7  | 28.1   |
| 61        | 25.7  | 20.6  | 31.0   |

Instrument :

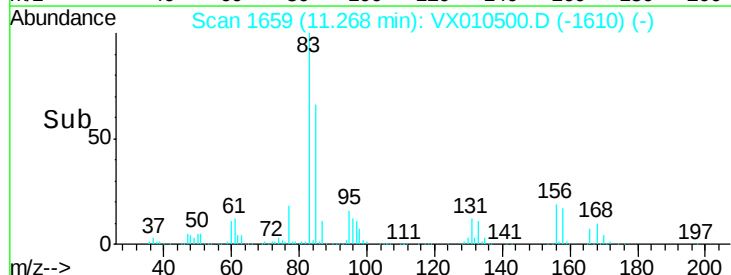
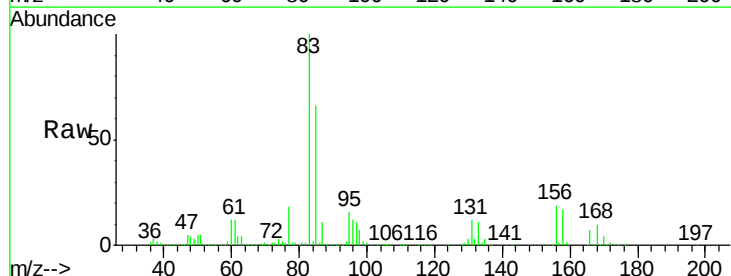
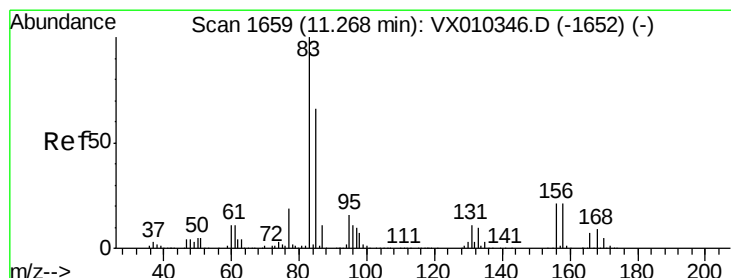
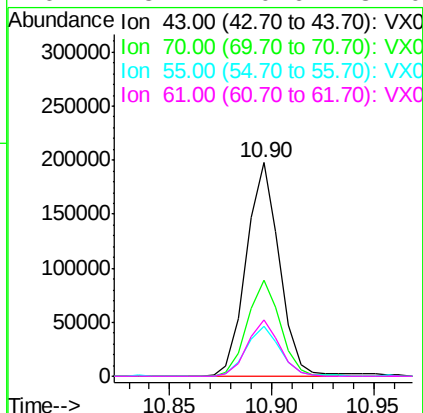
MSVOA\_X

ClientSampleId :

FL-0570MSD

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#75

1,1,2,2-Tetrachloroethane

Concen: 49.620 ug/l

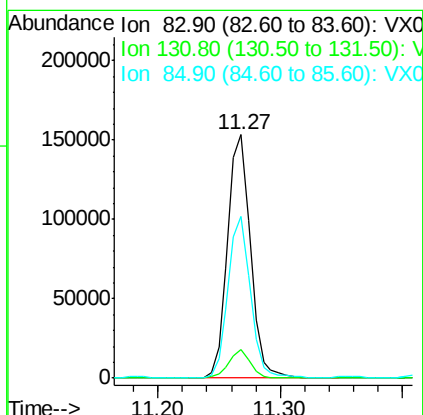
RT: 11.27 min Scan# 1659

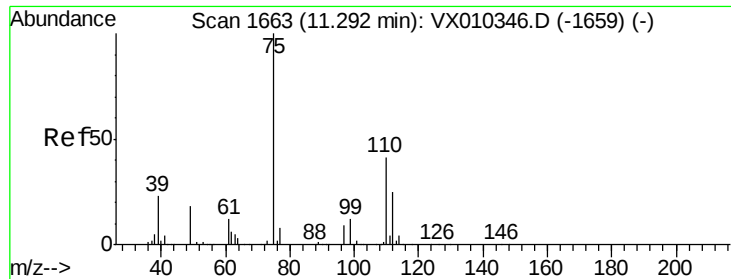
Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

| Tgt Ion   | 83    | Resp  | 197638 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.1  | 5.5   | 16.4   |
| 85        | 65.4  | 32.3  | 96.8   |





#76

1,2,3-Trichloropropane

Concen: 50.504 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion: 75 Resp: 163282

Ion Ratio Lower Upper

75 100

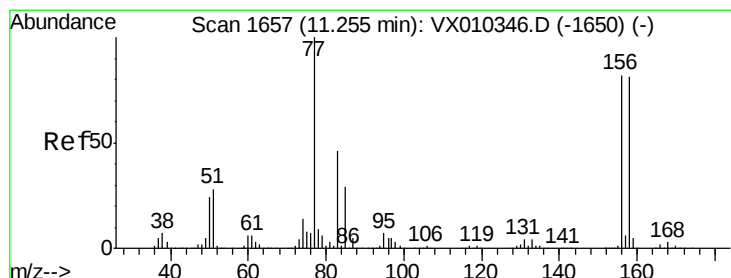
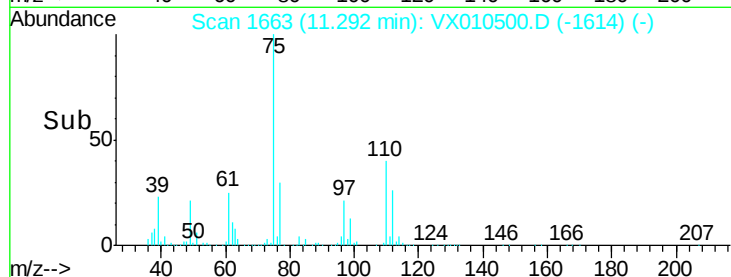
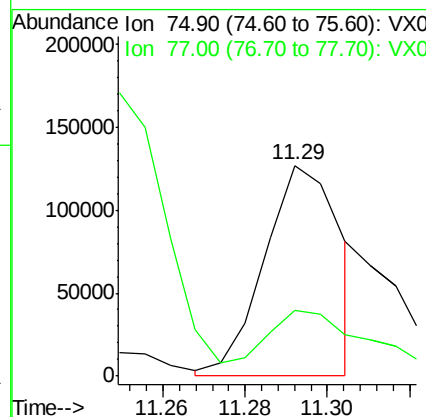
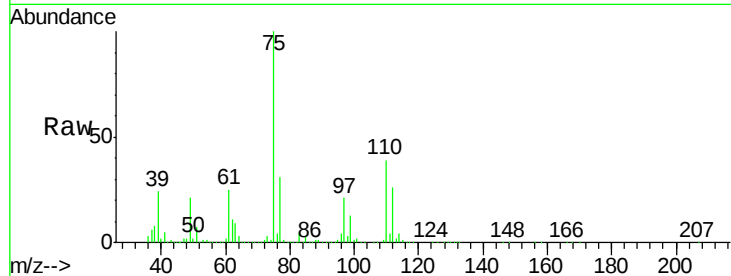
77 42.5 22.6 67.8

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#77

Bromobenzene

Concen: 49.302 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

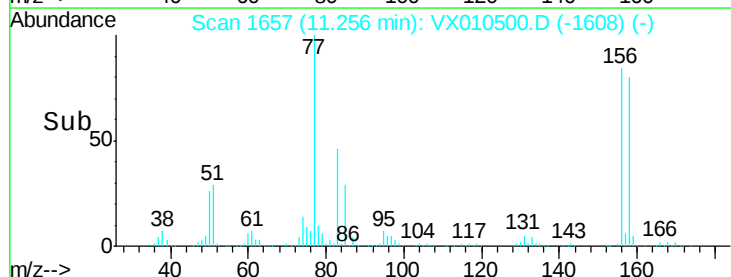
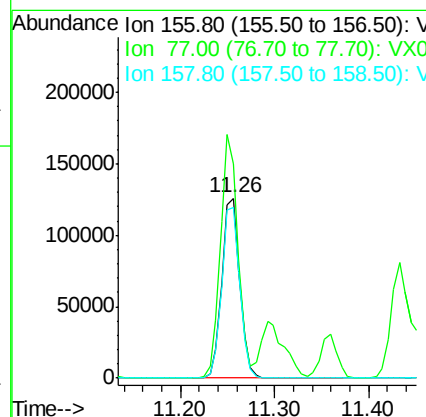
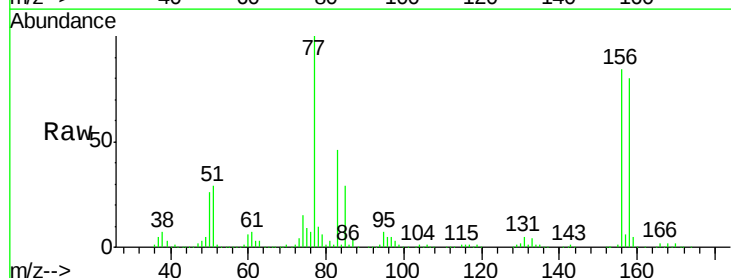
Tgt Ion: 156 Resp: 165568

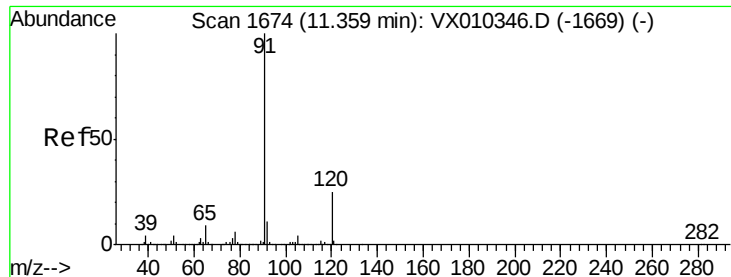
Ion Ratio Lower Upper

156 100

77 131.9 66.3 198.7

158 95.9 48.9 146.7





#78

n-propylbenzene

Concen: 74.635 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion: 91 Resp: 986532

Ion Ratio Lower Upper

91 100

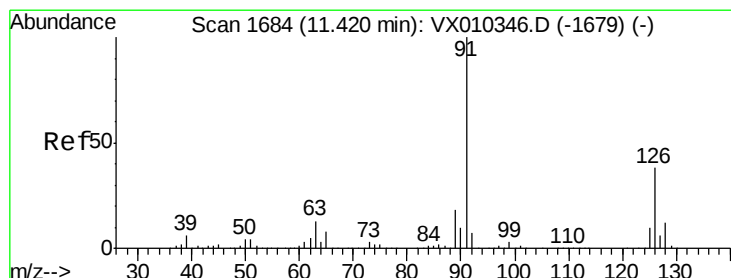
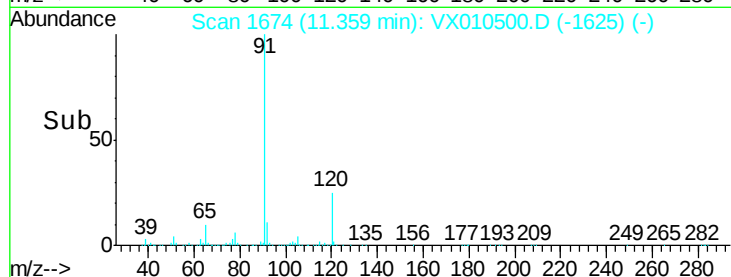
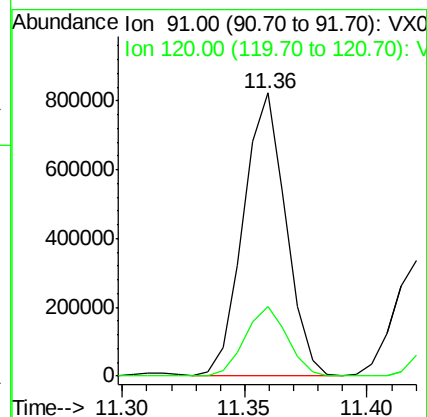
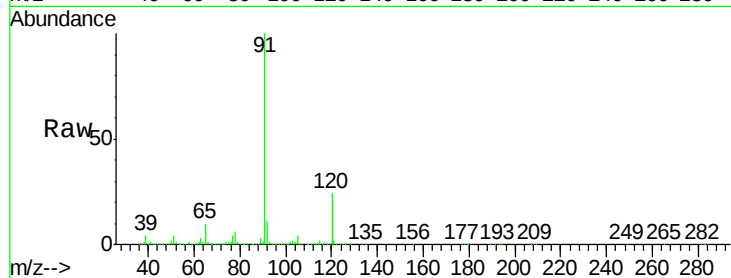
120 24.6 12.4 37.4

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#79

2-Chlorotoluene

Concen: 66.755 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010500.D

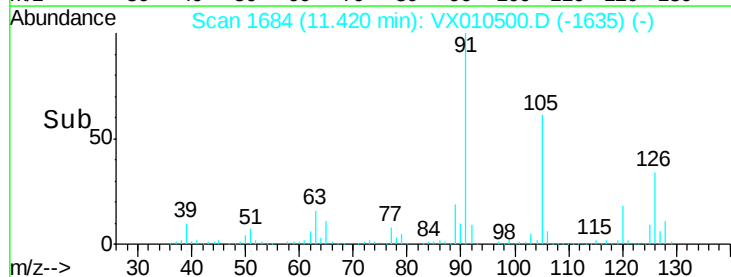
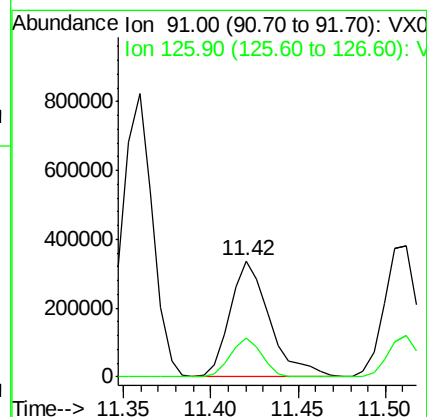
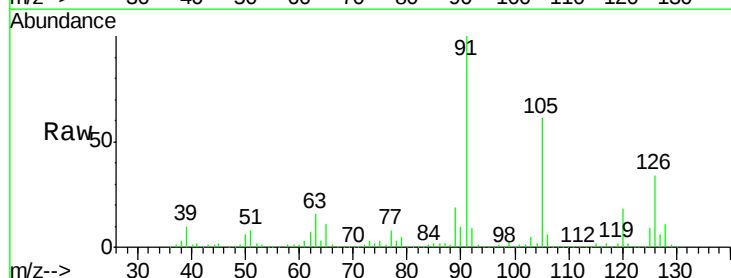
Acq: 27 Jun 2019 19:36

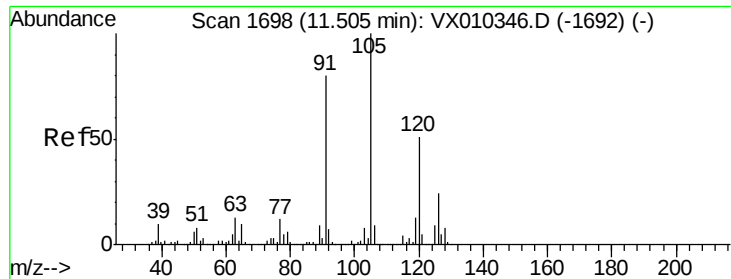
Tgt Ion: 91 Resp: 525434

Ion Ratio Lower Upper

91 100

126 27.5 18.7 56.1





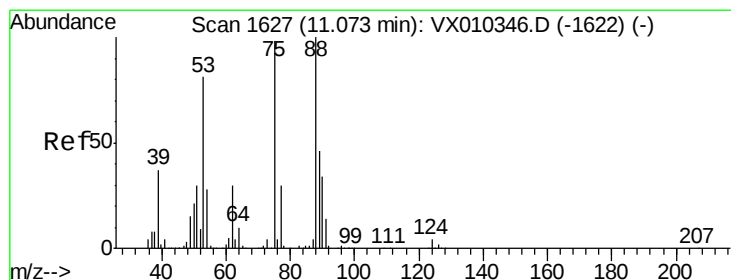
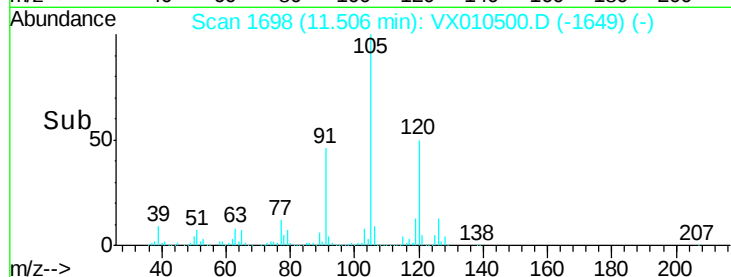
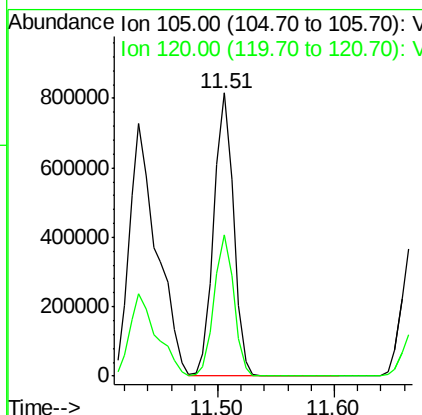
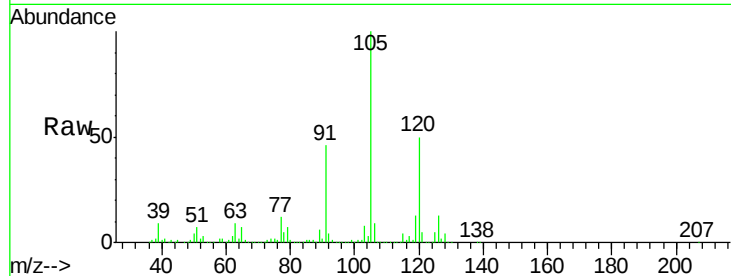
#80  
 1,3,5-Trimethylbenzene  
 Concen: 95.525 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX010500.D  
 Acq: 27 Jun 2019 19:36

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 FL-0570MSD

Tot Ion:105 Resp: 947105  
 Ion Ratio Lower Upper  
 105 100  
 120 49.8 25.2 75.6

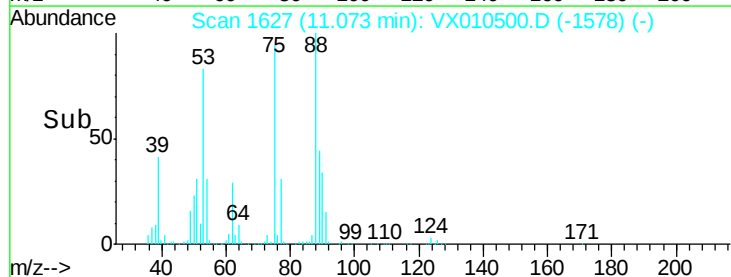
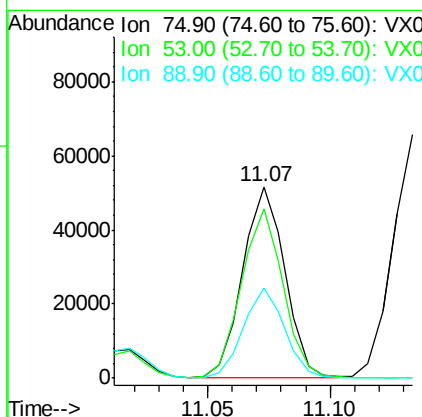
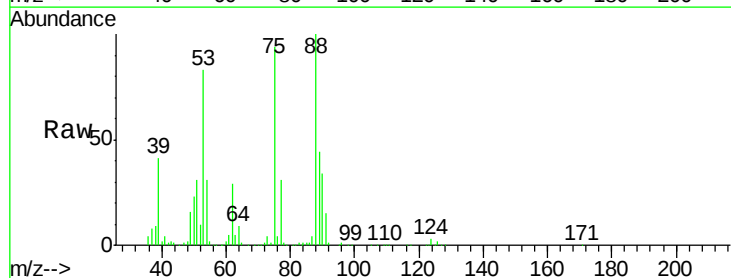
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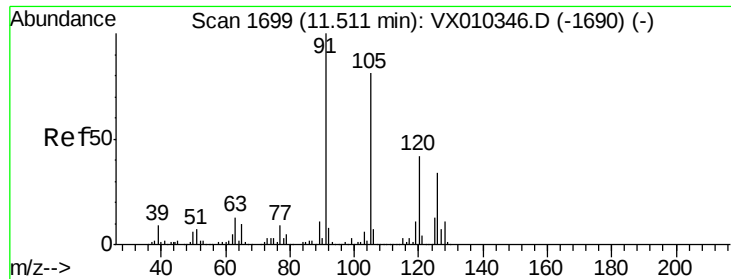
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#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 44.297 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. 0.00 min  
 Lab File: VX010500.D  
 Acq: 27 Jun 2019 19:36

Tgt Ion: 75 Resp: 61389  
 Ion Ratio Lower Upper  
 75 100  
 53 88.1 66.1 99.1  
 89 46.3 37.8 56.6





#82

4-Chlorotoluene

Concen: 55.226 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion: 91 Resp: 494631

Ion Ratio Lower Upper

91 100

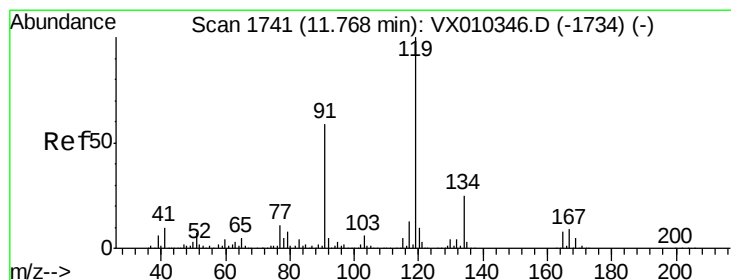
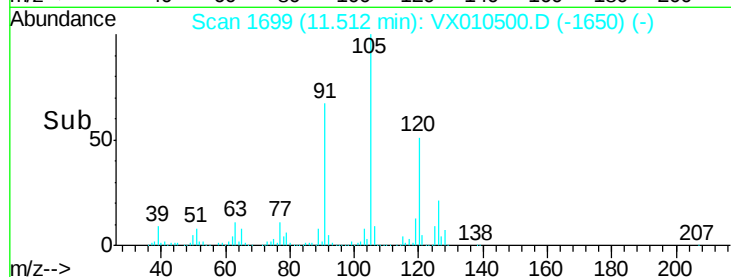
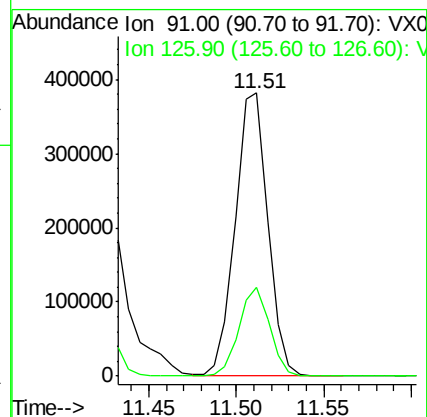
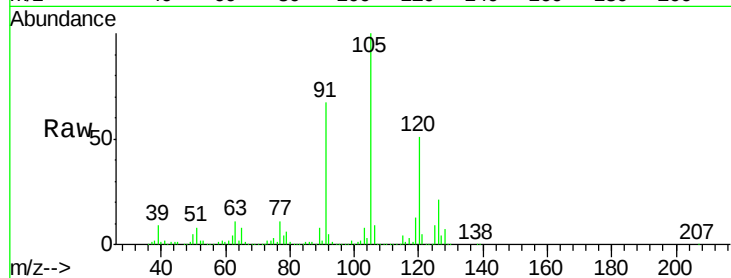
126 29.6 16.2 48.6

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#83

tert-Butylbenzene

Concen: 52.079 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

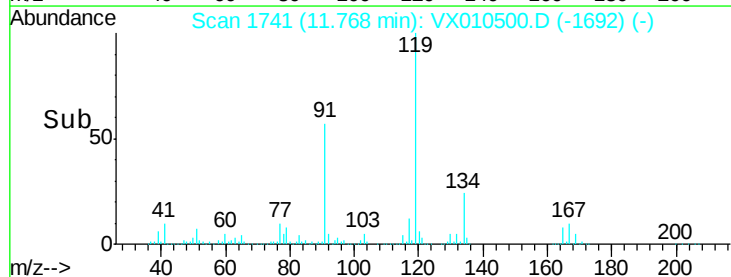
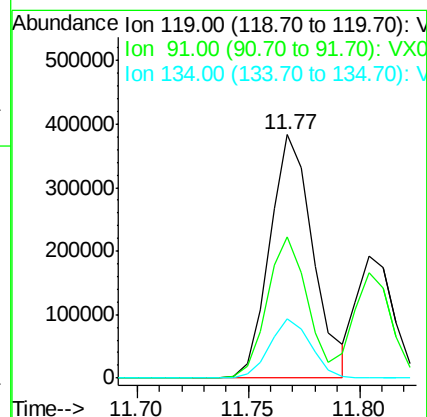
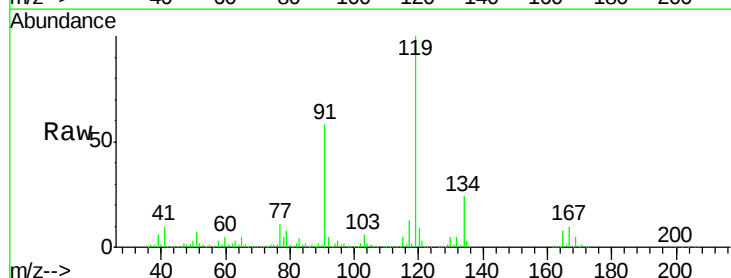
Tgt Ion: 119 Resp: 518259

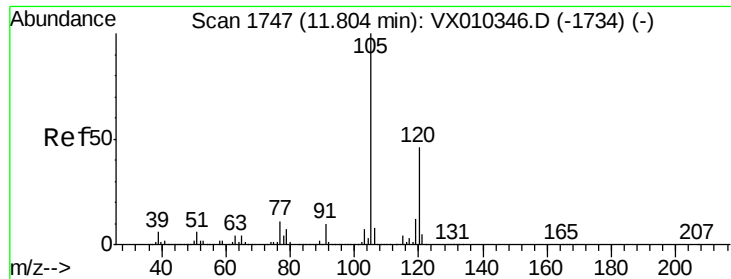
Ion Ratio Lower Upper

119 100

91 53.5 27.6 82.7

134 23.1 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 190.252 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion:105 Resp: 1895146

Ion Ratio Lower Upper

105 100

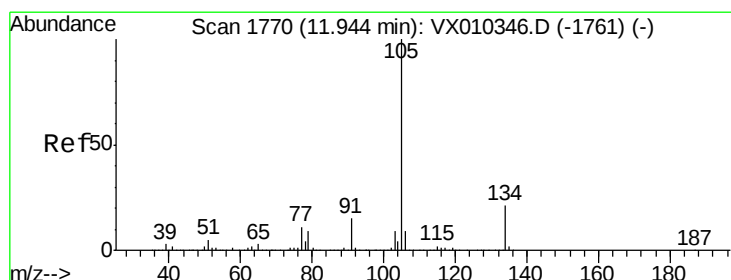
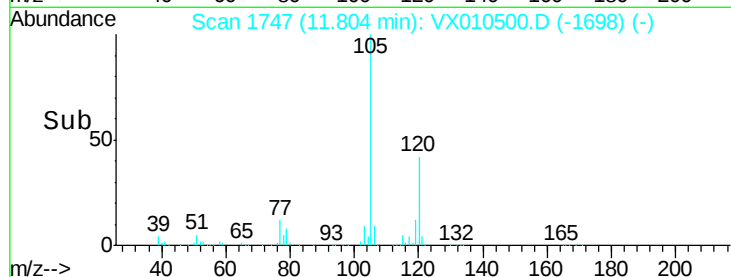
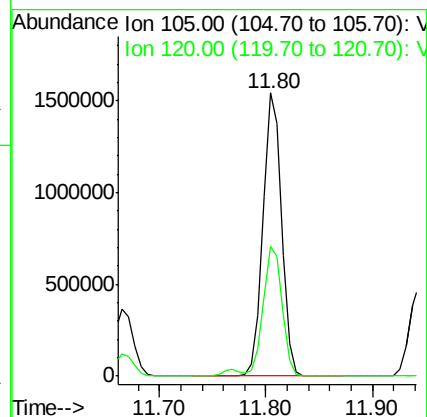
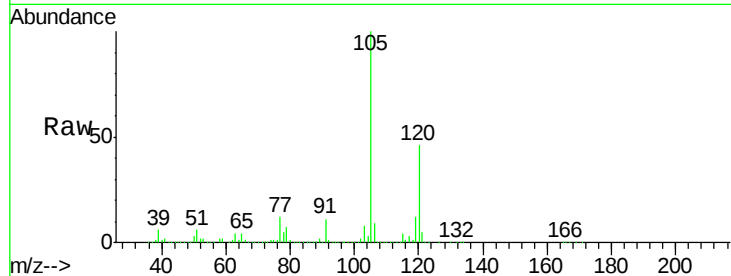
120 46.6 23.1 69.2

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#85

sec-Butylbenzene

Concen: 52.097 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010500.D

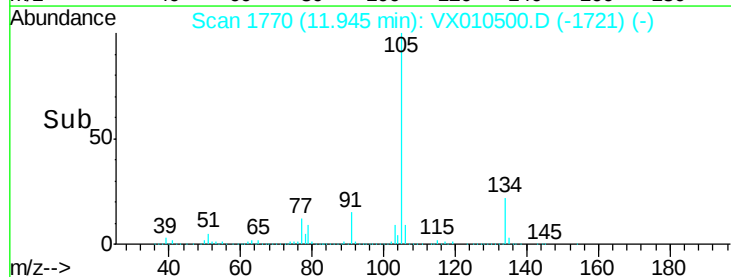
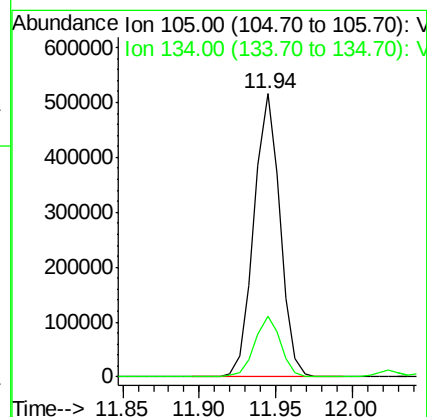
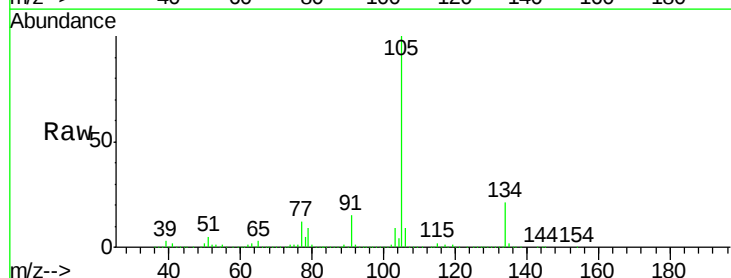
Acq: 27 Jun 2019 19:36

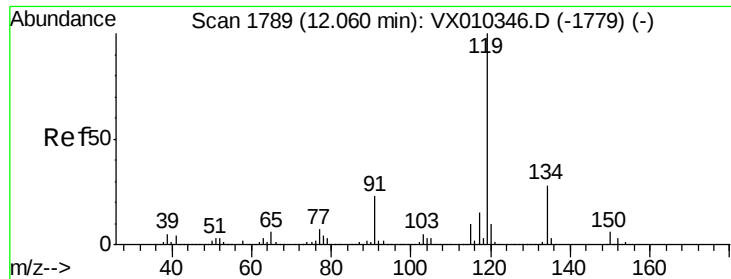
Tgt Ion:105 Resp: 608706

Ion Ratio Lower Upper

105 100

134 21.6 10.7 31.9





#86

p-Isopropyltoluene

Concen: 56.366 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

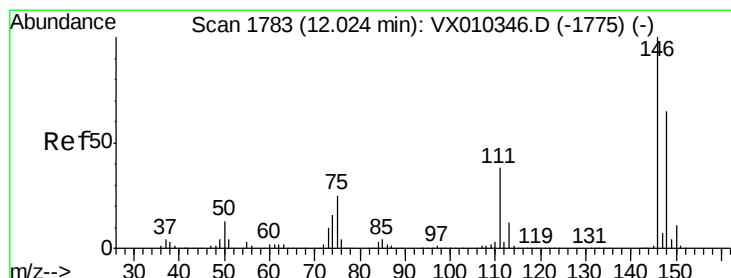
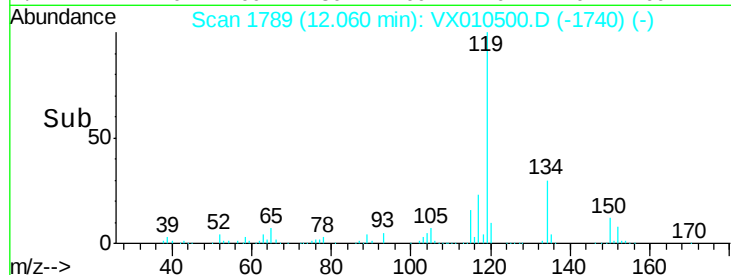
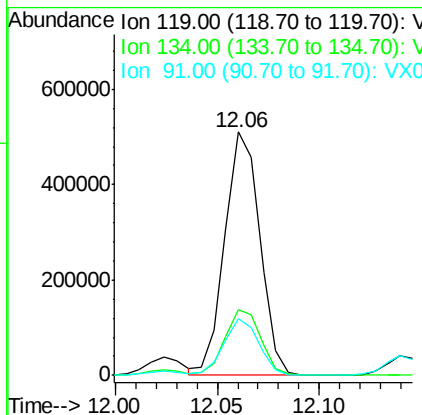
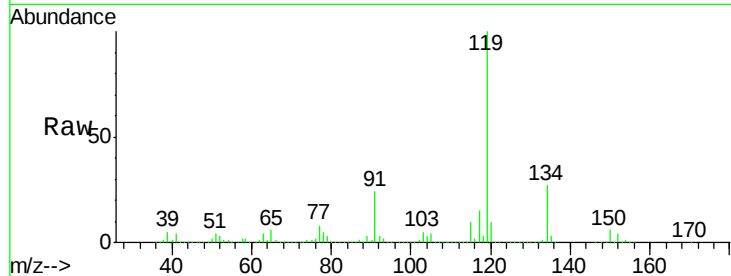
ClientSampleId :

FL-0570MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 609182 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 134       | 27.6  | 13.7  | 41.1   |
| 91        | 23.0  | 11.3  | 33.8   |

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#87

1,3-Dichlorobenzene

Concen: 49.492 ug/l

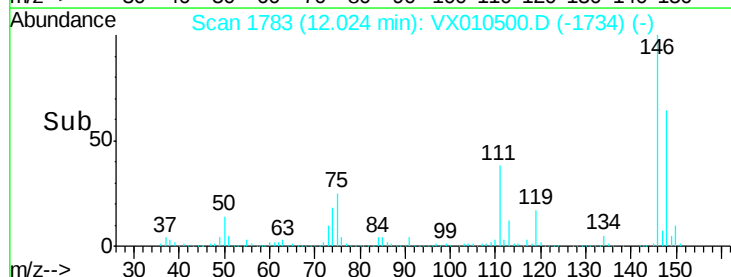
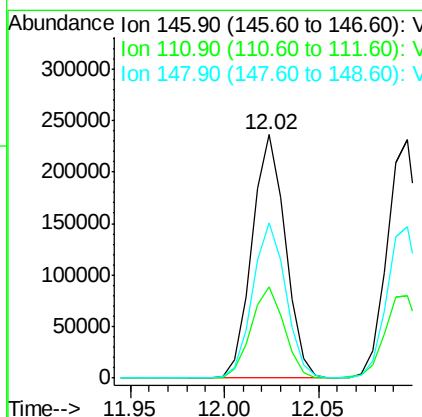
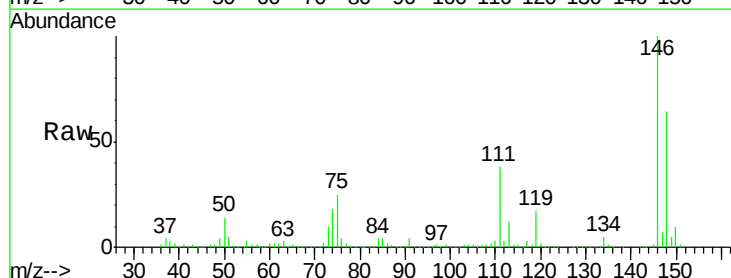
RT: 12.02 min Scan# 1783

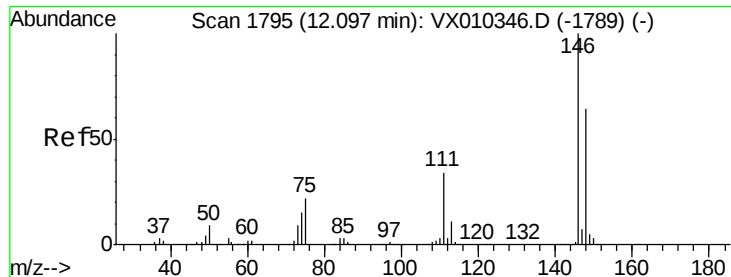
Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 290126 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 37.3  | 19.1  | 57.1   |
| 148       | 63.4  | 32.5  | 97.4   |





#88

1,4-Dichlorobenzene

Concen: 48.269 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

ClientSampleId :

FL-0570MSD

Tot Ion:146 Resp: 288062

Ion Ratio Lower Upper

146 100

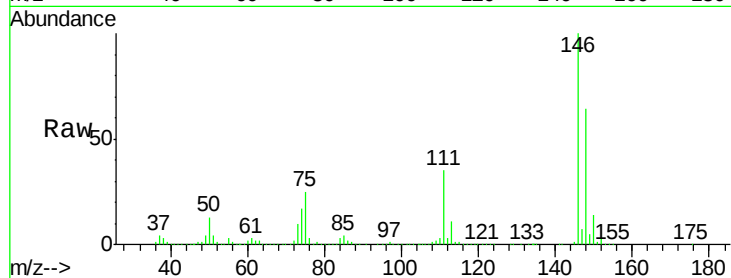
111 36.7 18.1 54.3

148 64.5 32.1 96.3

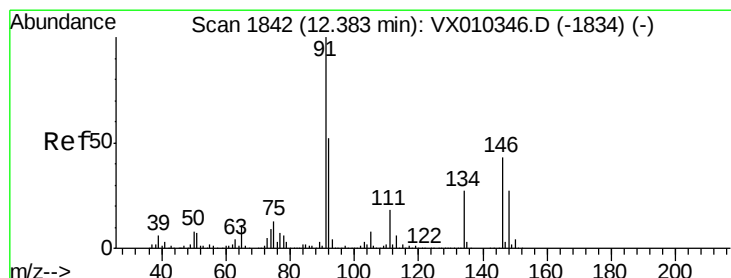
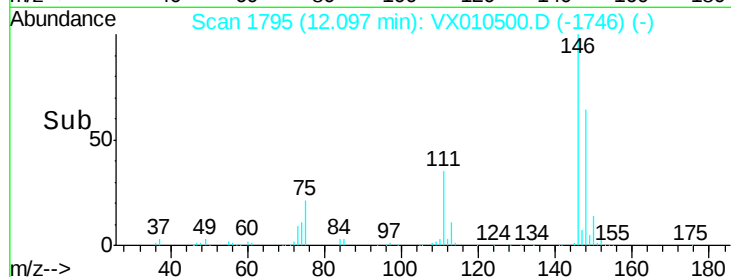
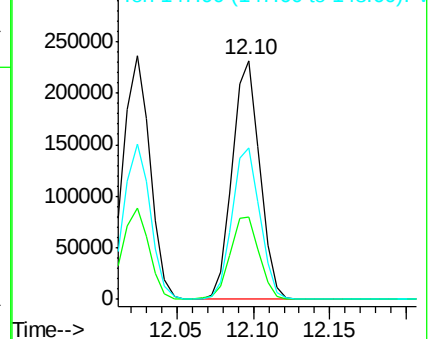
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Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 55.049 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

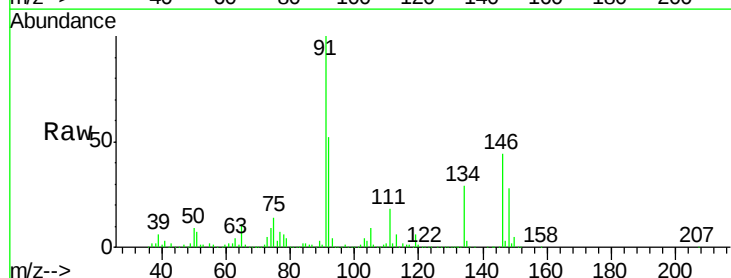
Tgt Ion: 91 Resp: 505554

Ion Ratio Lower Upper

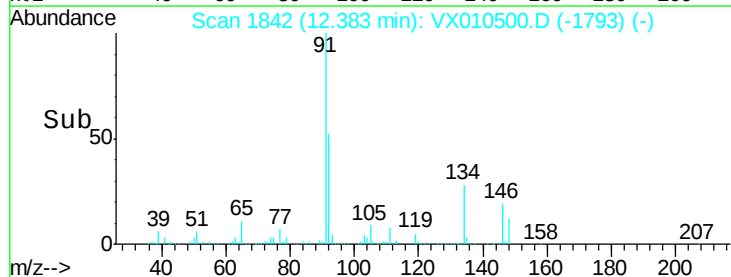
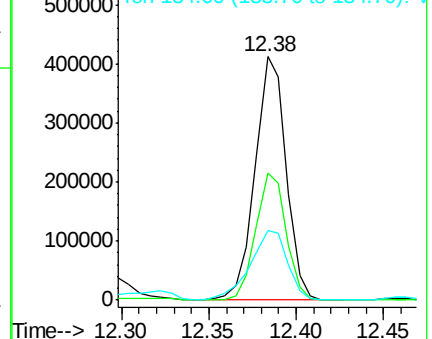
91 100

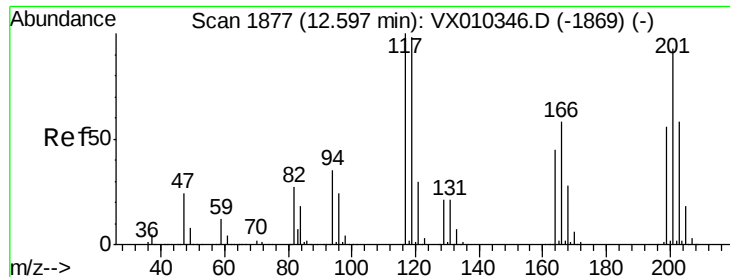
92 51.3 26.2 78.5

134 34.5 14.1 42.4



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





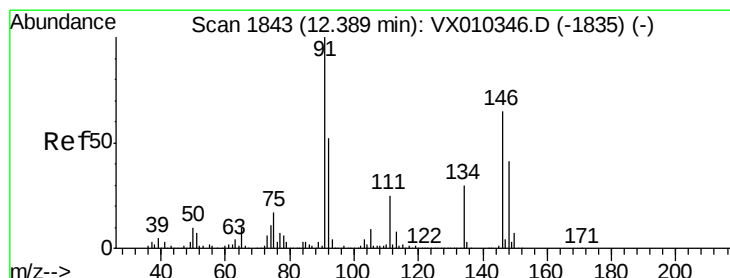
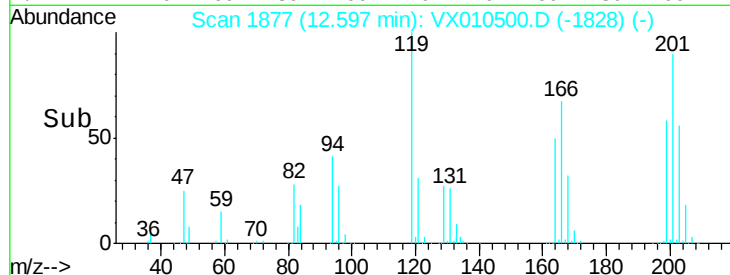
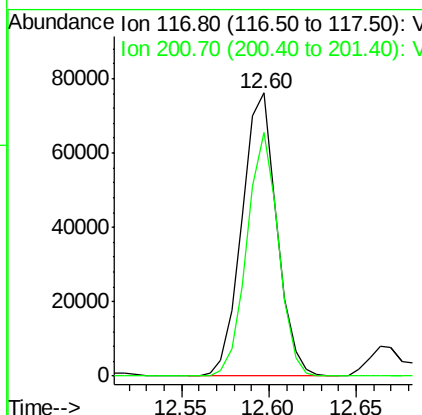
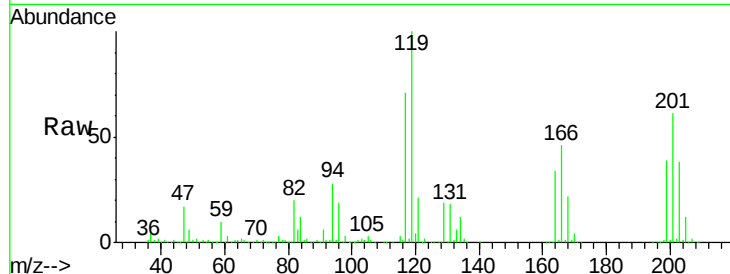
#90  
 Hexachloroethane  
 Concen: 56.647 ug/l  
 RT: 12.60 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX010500.D  
 Acq: 27 Jun 2019 19:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0570MSD

Tot Ion:117 Resp: 105860  
 Ion Ratio Lower Upper  
 117 100  
 201 77.2 44.0 131.8

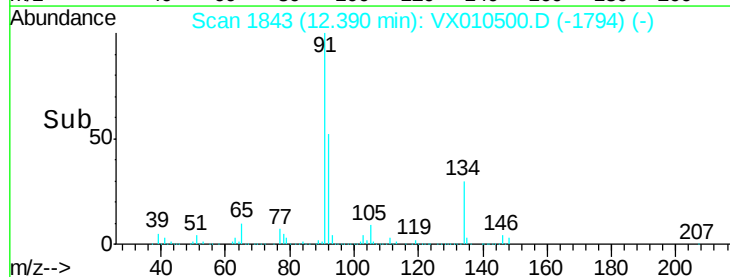
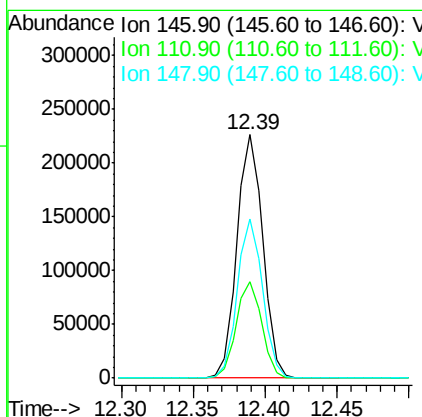
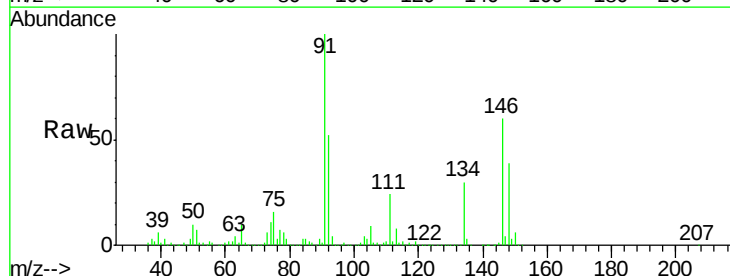
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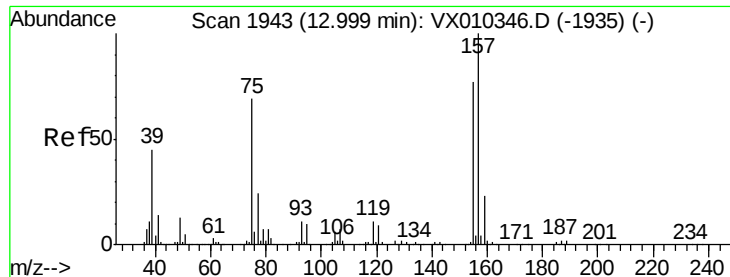
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#91  
 1,2-Dichlorobenzene  
 Concen: 48.830 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX010500.D  
 Acq: 27 Jun 2019 19:36

Tgt Ion:146 Resp: 284494  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 19.2 57.6  
 148 63.8 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.877 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

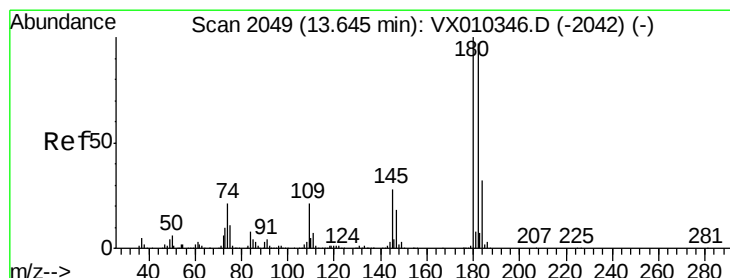
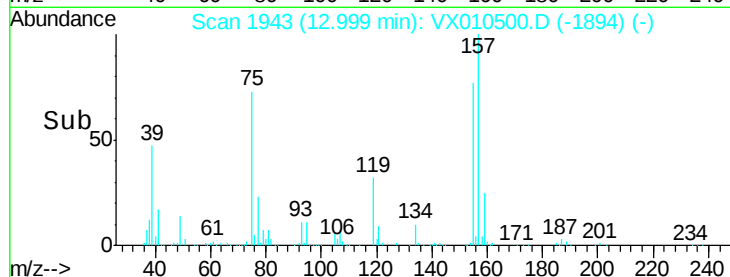
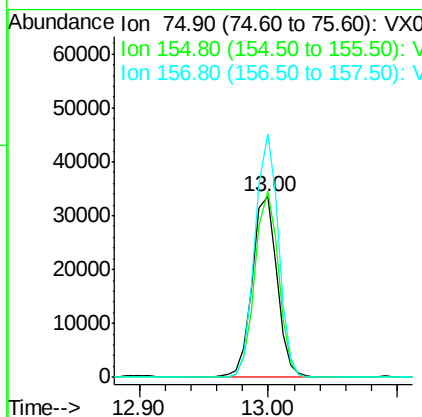
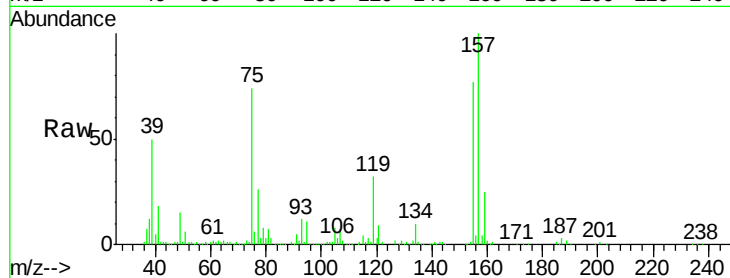
ClientSampleId :

FL-0570MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 44550 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 97.7  | 54.4  | 163.1 |
| 157      | 126.5 | 69.5  | 208.3 |

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#93

1,2,4-Trichlorobenzene

Concen: 50.606 ug/l

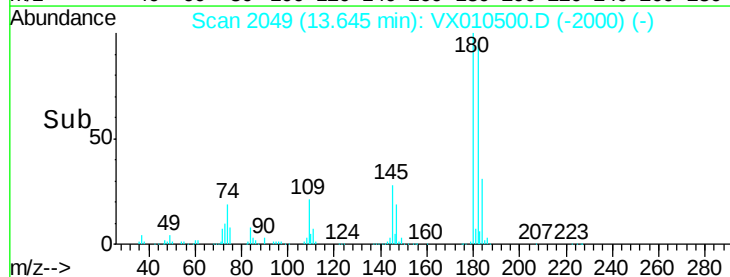
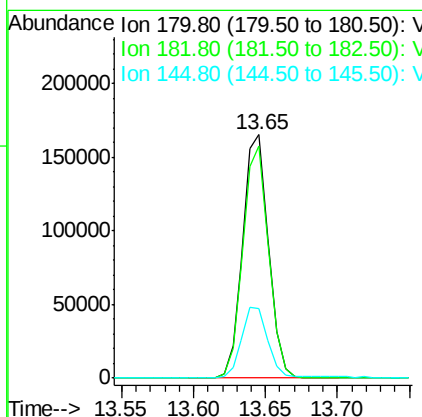
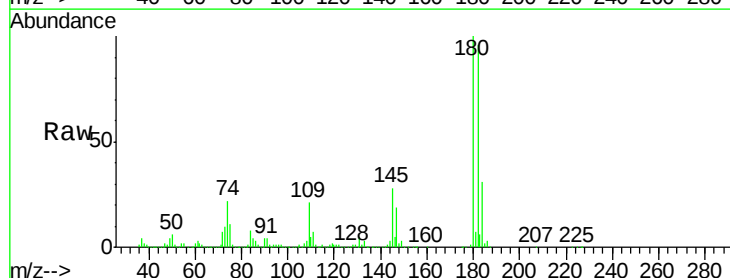
RT: 13.65 min Scan# 2049

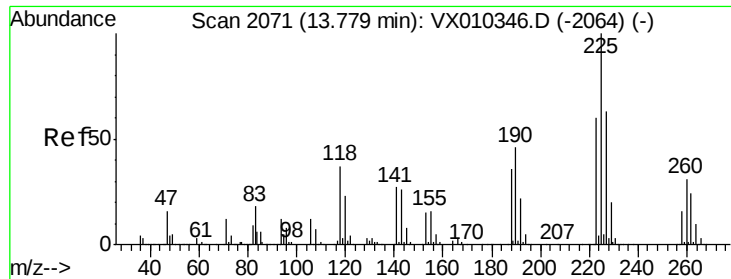
Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 204466 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 95.2  | 48.0  | 144.0  |
| 145      | 30.0  | 14.4  | 43.4   |





#94

Hexachlorobutadiene

Concen: 49.417 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

Instrument :

MSVOA\_X

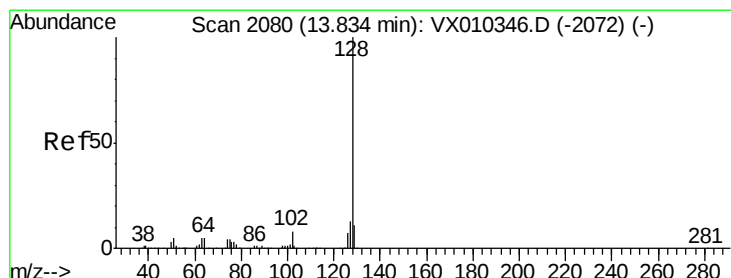
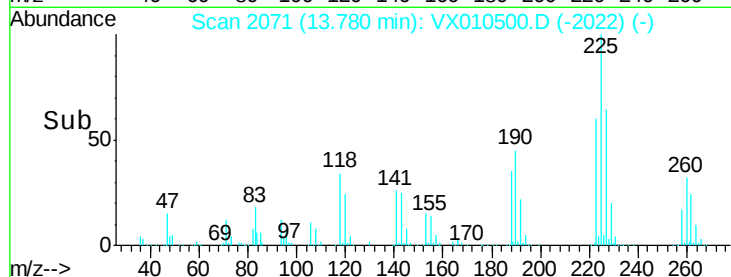
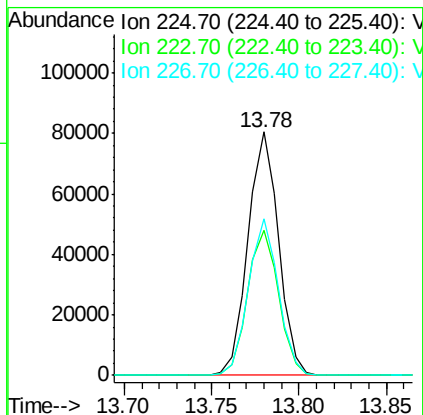
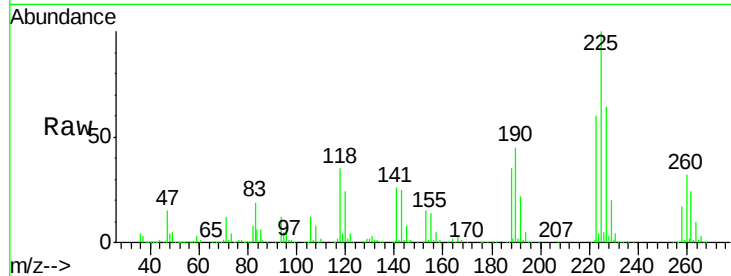
ClientSampled :

FL-0570MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 225   | Resp: | 97582 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 60.6  | 30.9  | 92.7  |
| 227       | 62.9  | 31.9  | 95.5  |

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#95

Naphthalene

Concen: 71.026 ug/l

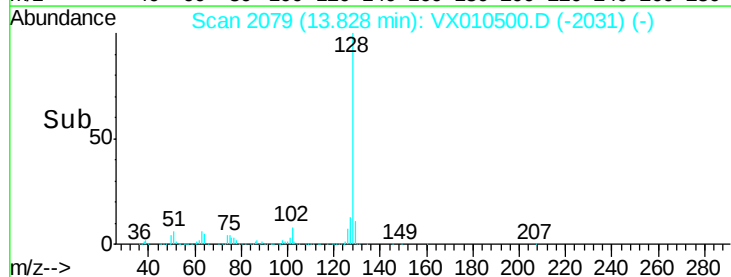
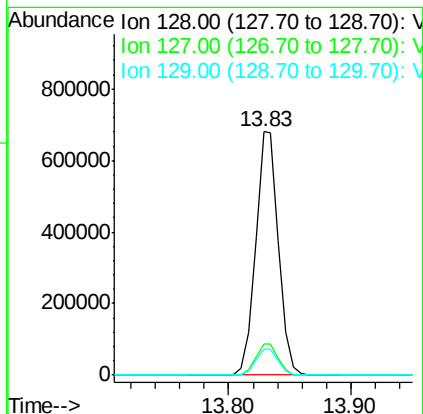
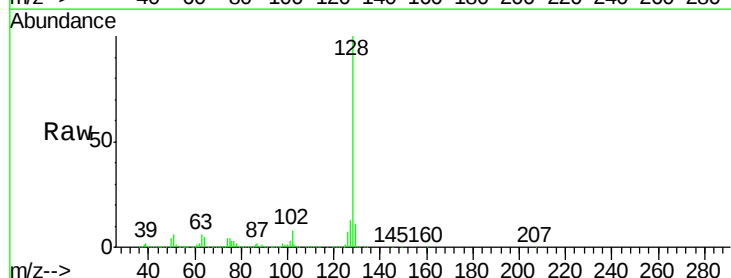
RT: 13.83 min Scan# 2079

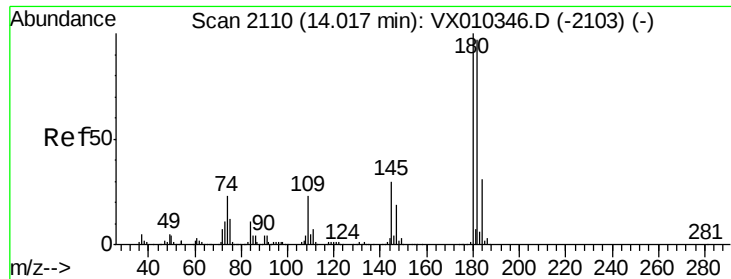
Delta R.T. -0.01 min

Lab File: VX010500.D

Acq: 27 Jun 2019 19:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 881869 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.2  | 15.4   |
| 129       | 10.9  | 8.9   | 13.3   |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 50.615 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. 0.00 min  
 Lab File: VX010500.D  
 Acq: 27 Jun 2019 19:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0570MSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 95.5  | 47.8       | 143.3      |
| 145     | 31.3  | 15.2       | 45.6       |

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