

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050319\  
 Data File : VX009334.D  
 Acq On : 04 May 2019 00:50  
 Operator : JC/SP  
 Sample : K2663-04MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW113-190430MS

Manual Integrations  
 APPROVED

MMDadoda  
 5/6/2019 9:25:06 AM

Quant Time: May 04 06:59:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 30 07:03:50 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 168518   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 278823   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 251455   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 123652   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 116527   | 50.65 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.30% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 86331    | 49.25 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.50%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 344356   | 48.66 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.32%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 127726   | 49.67 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.34%  |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 66458   | 42.796  | ug/l | 100    |
| 3) Chloromethane              | 1.32 | 50  | 97744   | 46.103  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.41 | 62  | 96894   | 46.868  | ug/l | 97     |
| 5) Bromomethane               | 1.64 | 94  | 50949   | 41.059  | ug/l | 96     |
| 6) Chloroethane               | 1.71 | 64  | 62344   | 46.969  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 118407  | 47.117  | ug/l | 98     |
| 8) Diethyl Ether              | 2.18 | 74  | 57556   | 48.351  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 70133   | 44.441  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 78665   | 43.554  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.05 | 59  | 148484  | 278.842 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 74885   | 47.360  | ug/l | 98     |
| 13) Acrolein                  | 2.29 | 56  | 122431  | 253.874 | ug/l | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 181082  | 46.993  | ug/l | 99     |
| 15) Acrylonitrile             | 3.14 | 53  | 347184  | 266.653 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 303621  | 245.795 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 201643  | 45.422  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 164938  | 56.145  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 304445  | 49.583  | ug/l | 100    |
| 20) Methylene Chloride        | 2.85 | 84  | 92772   | 46.384  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 80947   | 47.205  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.85 | 45  | 368364  | 49.709  | ug/l | 97     |
| 23) Vinyl Acetate             | 3.81 | 43  | 1629177 | 256.739 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 174504  | 47.735  | ug/l | 100    |
| 25) 2-Butanone                | 4.67 | 43  | 525589  | 273.807 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 104490  | 38.401  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 101600  | 49.638  | ug/l | 98     |
| 28) Bromochloromethane        | 5.01 | 49  | 81493   | 55.690  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.13 | 42  | 351464  | 284.533 | ug/l | 99     |
| 30) Chloroform                | 5.21 | 83  | 161109  | 48.728  | ug/l | 99     |
| 31) Cyclohexane               | 5.58 | 56  | 152386  | 44.805  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 130777  | 47.515  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 118062  | 45.564  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.83 | 43  | 187775  | 52.012  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 108595  | 46.128  | ug/l | 99     |

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 Sample : K2663-04MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW113-190430MS

Manual Integrations  
 APPROVED

MMDadoda  
 5/6/2019 9:25:06 AM

Quant Time: May 04 06:59:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 30 07:03:50 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 132934   | 41.775  | ug/l   | 98       |
| 40) Benzene                    | 6.14  | 78   | 375955   | 46.882  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.04  | 41   | 110045   | 51.206  | ug/l   | 100      |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 138644   | 48.197  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.45  | 43   | 291989   | 50.563  | ug/l   | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 88100    | 45.444  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 109159   | 48.073  | ug/l   | 97       |
| 46) Dibromomethane             | 7.66  | 93   | 62456    | 47.365  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 125402   | 47.676  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.77  | 41   | 148044   | 51.673  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 55788    | 960.179 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 1030267  | 272.955 | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 233946   | 47.993  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 141170   | 47.538  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 152348   | 46.350  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 94830    | 47.684  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 178059   | 50.158  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 166392   | 47.546  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 809777   | 273.163 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 94502    | 48.654  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 97907    | 48.772  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 74600    | 43.250  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.13 | 112  | 236608   | 47.037  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 87875    | 48.186  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 431899   | 46.654  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 316370   | 93.518  | ug/l   | 99       |
| 69) o-Xylene                   | 10.69 | 106  | 156002   | 46.738  | ug/l   | 99       |
| 70) Stvrene                    | 10.71 | 104  | 275851   | 47.549  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 73886    | 49.855  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 412639   | 45.890  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 264544   | 50.463  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 168635   | 50.308  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 146149m  | 50.954  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 104072   | 46.631  | ug/l   | 100      |
| 78) n-propylbenzene            | 11.36 | 91   | 469893   | 45.758  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 285473   | 45.059  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 350922   | 46.350  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 53449    | 47.679  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 328178   | 45.852  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 342606   | 46.517  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 354953   | 46.707  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 393929   | 45.113  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 362819   | 46.219  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 183565   | 46.138  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 185528   | 46.253  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 320904   | 45.229  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 61819    | 46.224  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 186856   | 46.110  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 39592    | 52.652  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 129810   | 46.843  | ug/l   | 98       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050319\  
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Sample : K2663-04MS  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

Manual Integrations  
APPROVED

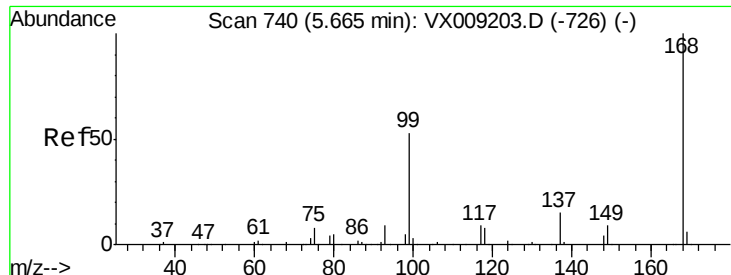
MMDadoda  
5/6/2019 9:25:06 AM

Quant Time: May 04 06:59:59 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 30 07:03:50 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 13.78 | 225  | 58790    | 41.544 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 459666   | 50.985 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 132880   | 47.305 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW113-190430MS

Tot Ion:168 Resp: 168518

Ion Ratio Lower Upper

168 100

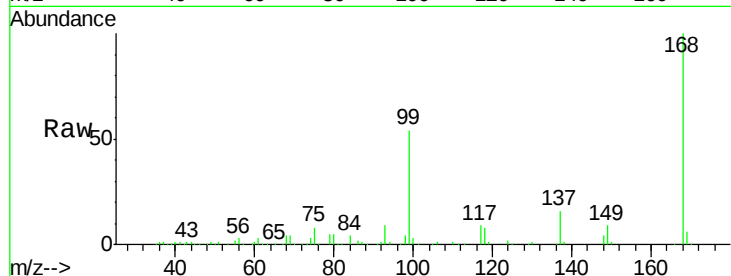
99 53.9 42.3 63.5

Manual Integrations

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5/6/2019 9:25:06 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

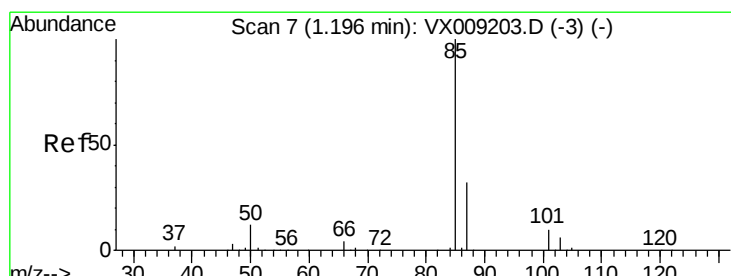
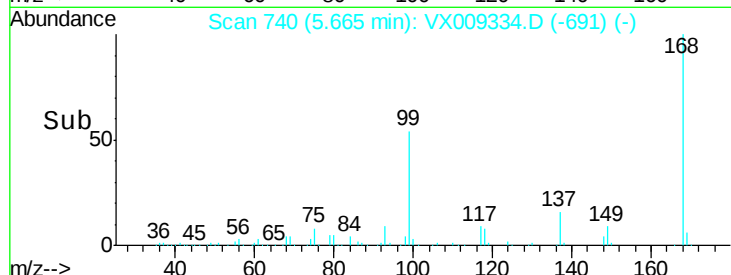
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 42.796 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009334.D

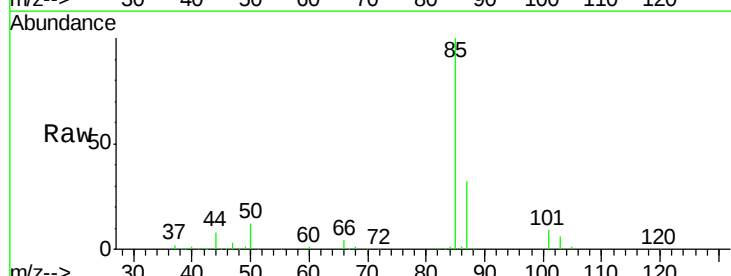
Acq: 04 May 2019 00:50

Tgt Ion: 85 Resp: 66458

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

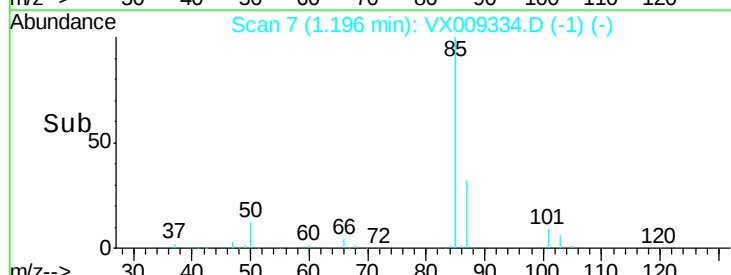
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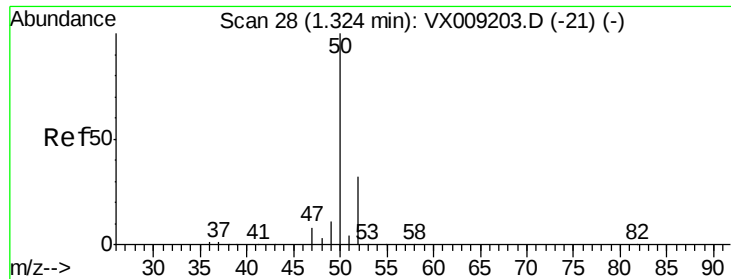
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0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.103 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW113-190430MS

Tot Ion: 50 Resp: 97744

Ion Ratio Lower Upper

50 100

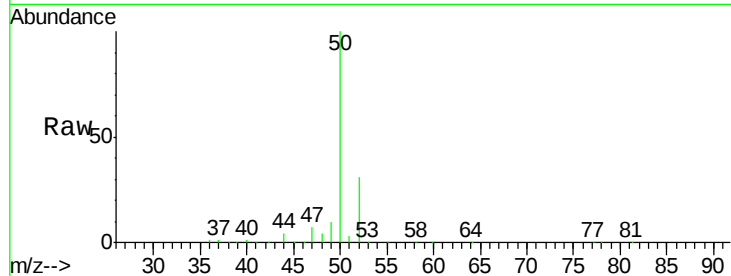
52 31.5 25.9 38.9

Manual Integrations

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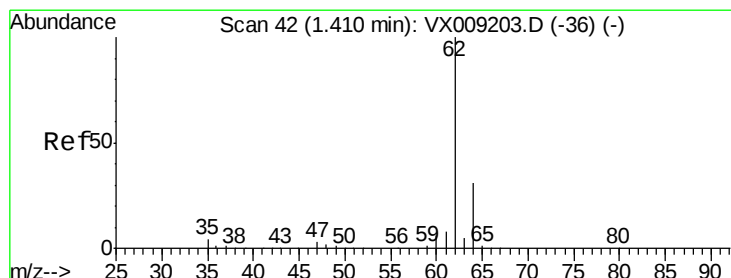
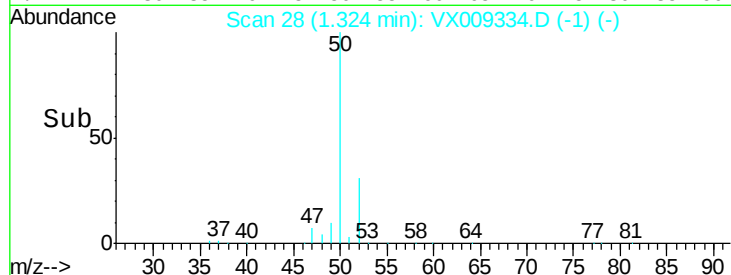
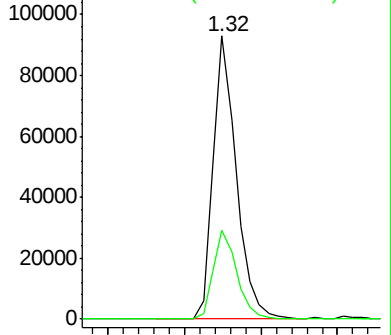
MMDadoda

5/6/2019 9:25:06 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.868 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009334.D

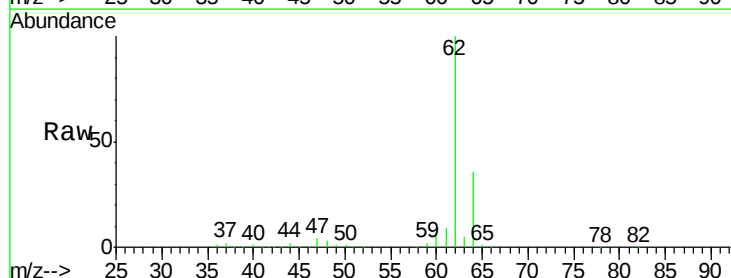
Acq: 04 May 2019 00:50

Tgt Ion: 62 Resp: 96894

Ion Ratio Lower Upper

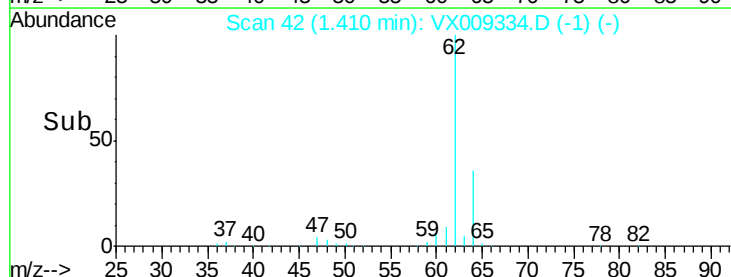
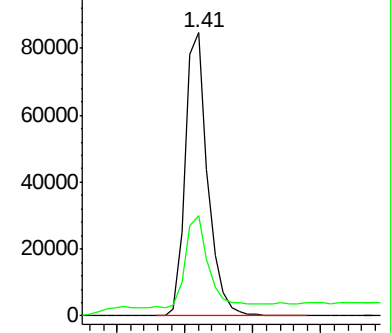
62 100

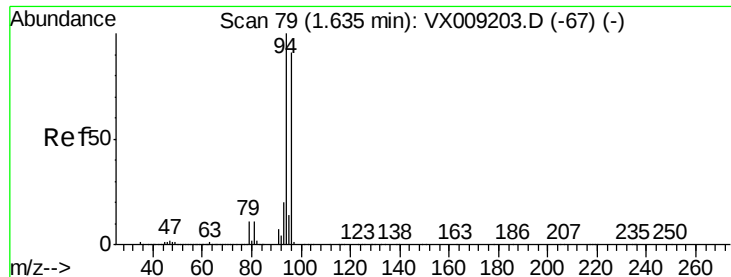
64 32.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.059 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW113-190430MS

Tot Ion: 94 Resp: 50949

Ion Ratio Lower Upper

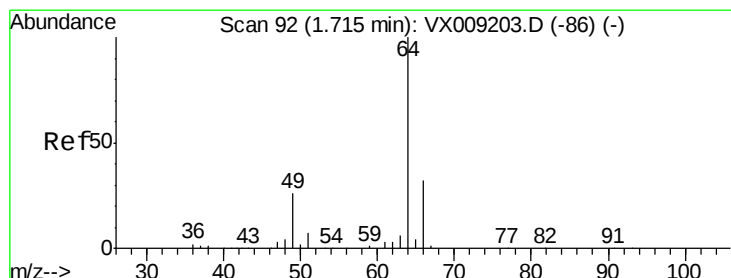
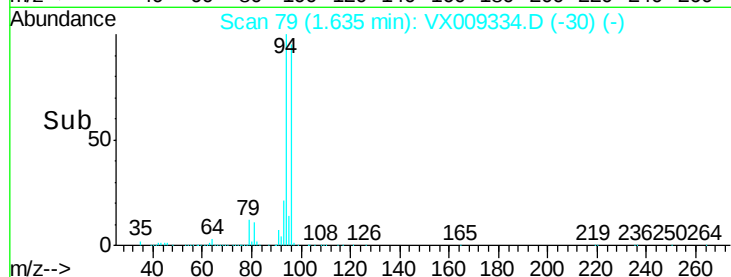
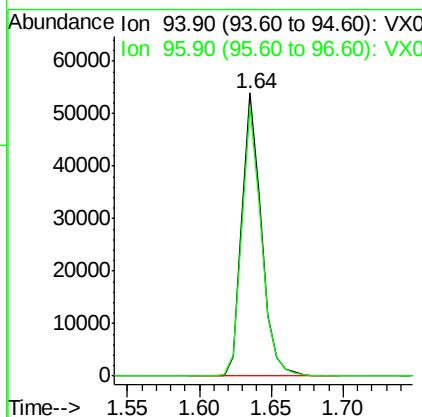
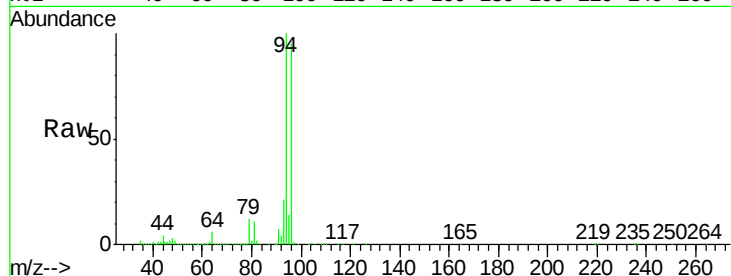
94 100

96 95.1 73.0 109.6

Manual Integrations  
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5/6/2019 9:25:06 AM



#6

Chloroethane

Concen: 46.969 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009334.D

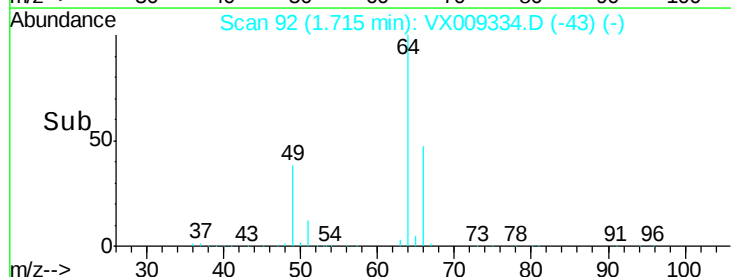
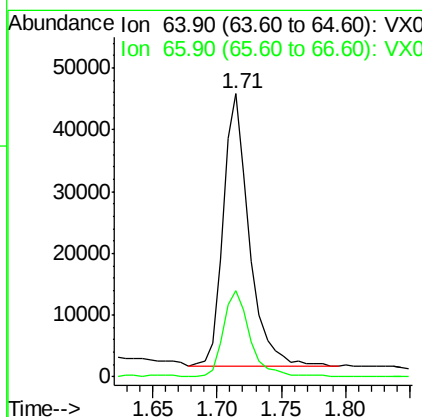
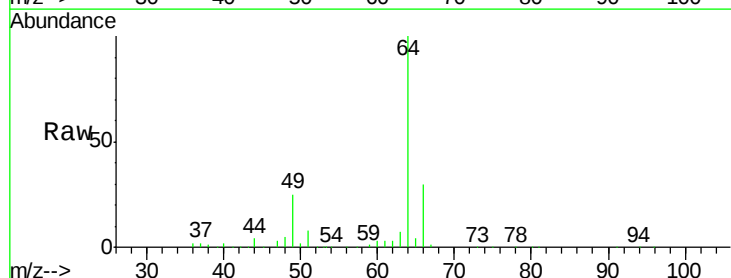
Acq: 04 May 2019 00:50

Tgt Ion: 64 Resp: 62344

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9





#7

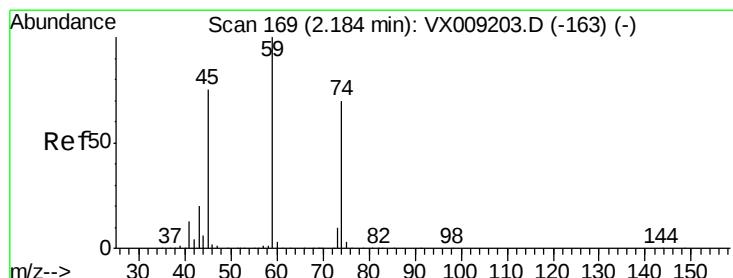
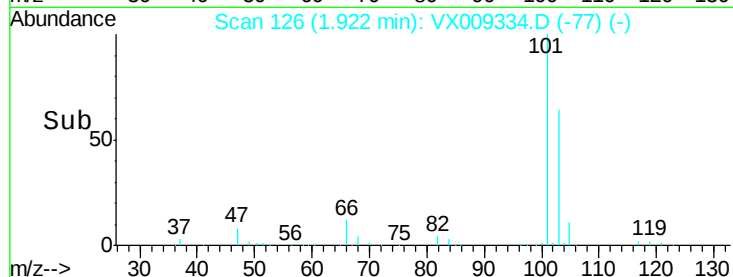
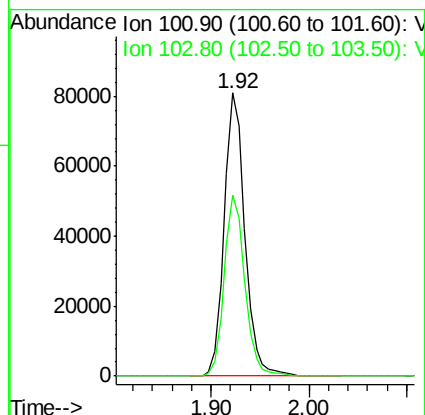
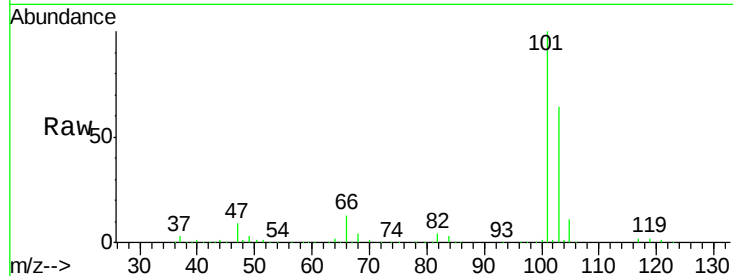
Trichlorofluoromethane  
Concen: 47.117 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

Tot Ion:101 Resp: 118407  
Ion Ratio Lower Upper  
101 100  
103 63.7 52.4 78.6

Manual Integrations  
APPROVED

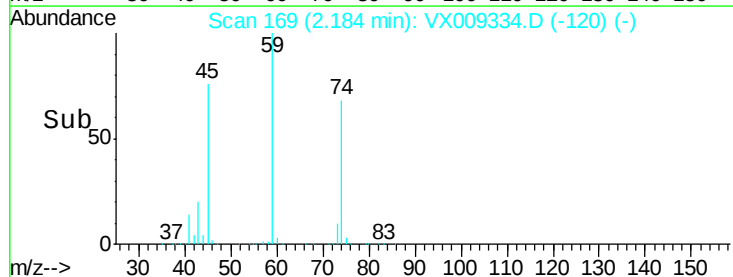
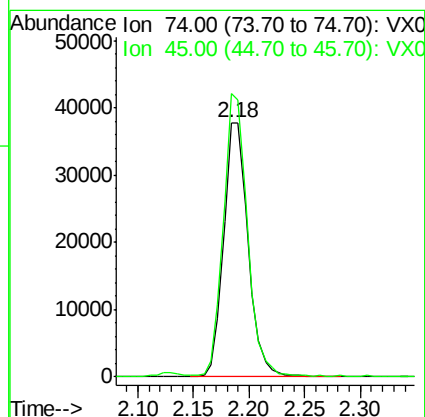
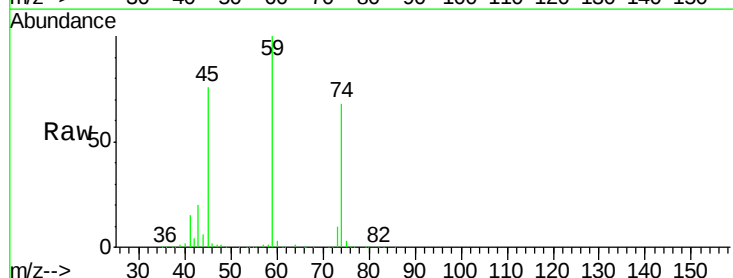
MMDadoda  
5/6/2019 9:25:06 AM



#8

Diethyl Ether  
Concen: 48.351 ug/l  
RT: 2.18 min Scan# 169  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Tgt Ion: 74 Resp: 57556  
Ion Ratio Lower Upper  
74 100  
45 108.3 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.441 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

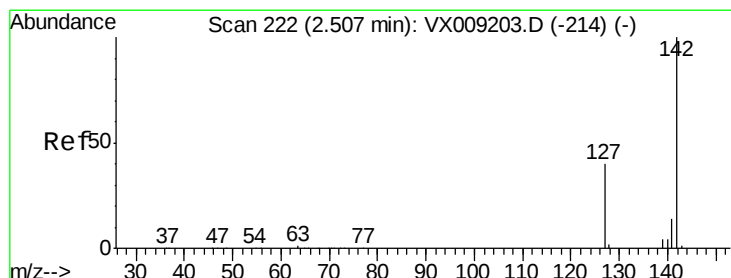
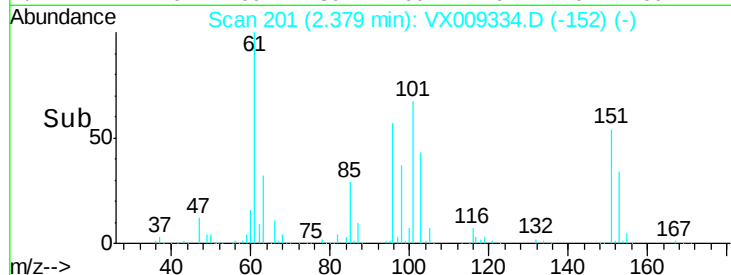
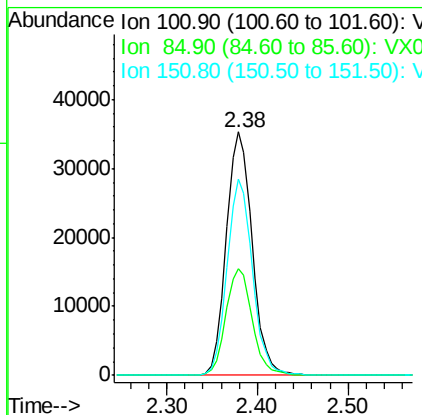
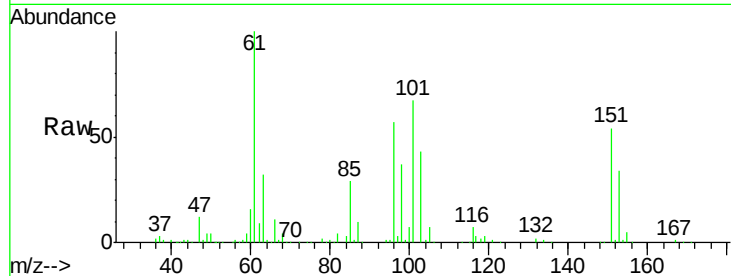
ClientSampleId :

SS050MW113-190430MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 70133 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.3  | 35.7  | 53.5  |
| 151       | 79.1  | 62.2  | 93.2  |

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#10

Methyl Iodide

Concen: 43.554 ug/l

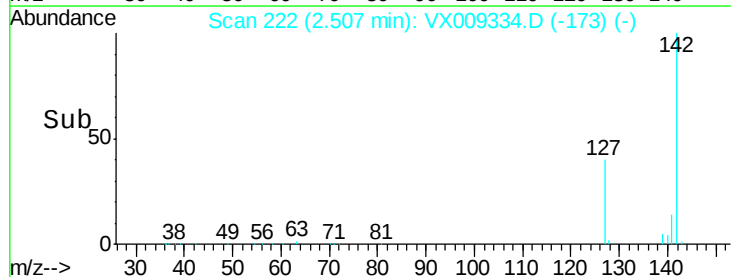
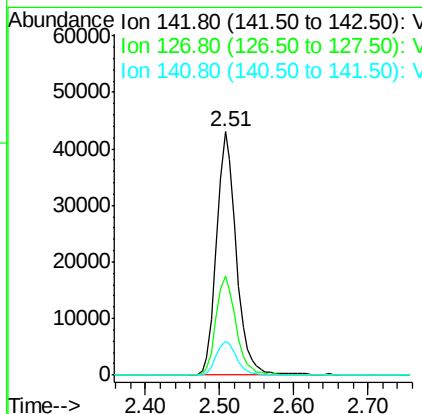
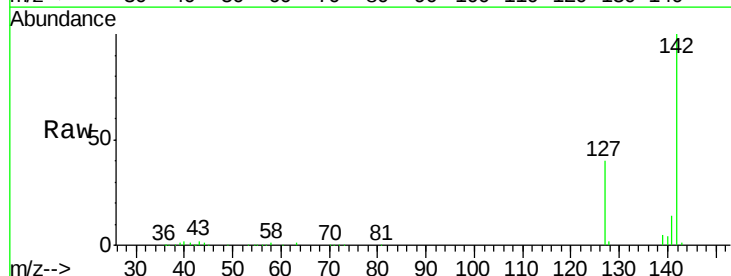
RT: 2.51 min Scan# 222

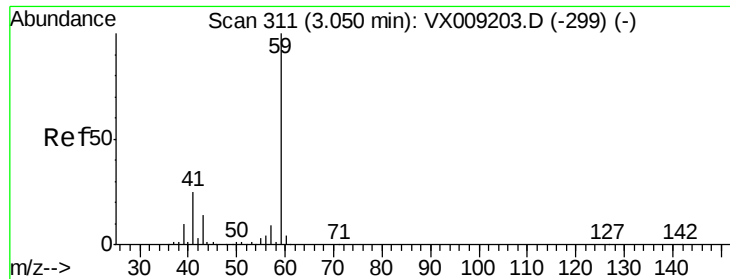
Delta R.T. 0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 78665 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.0  | 32.7  | 49.1  |
| 141       | 14.5  | 11.5  | 17.3  |





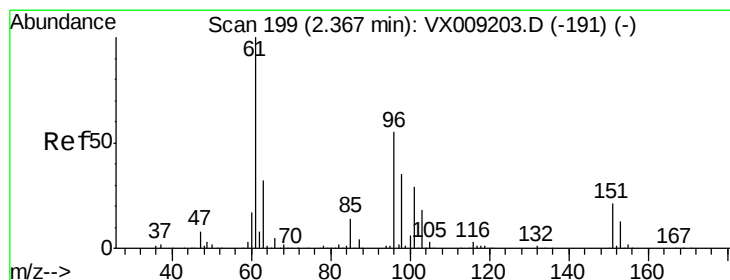
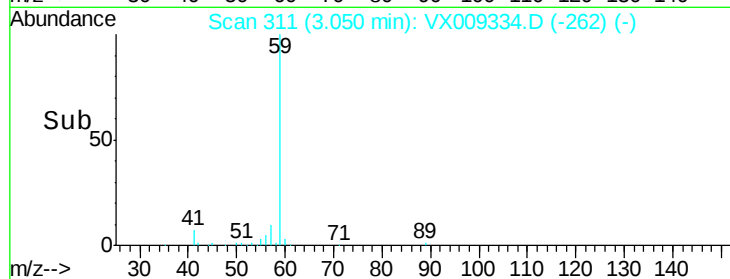
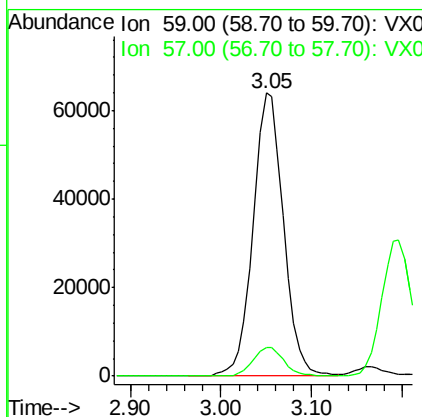
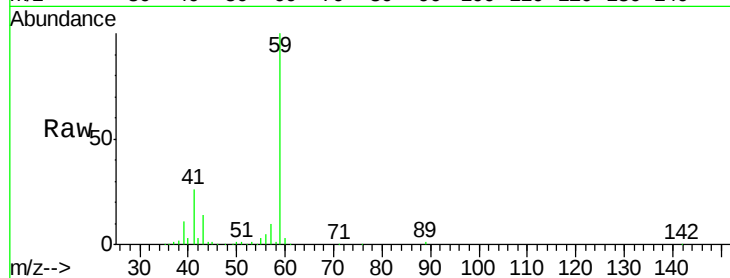
#11  
Tert butyl alcohol  
Concen: 278.842 ug/l  
RT: 3.05 min Scan# 311  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

Tot Ion: 59 Resp: 148484  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.2 12.2

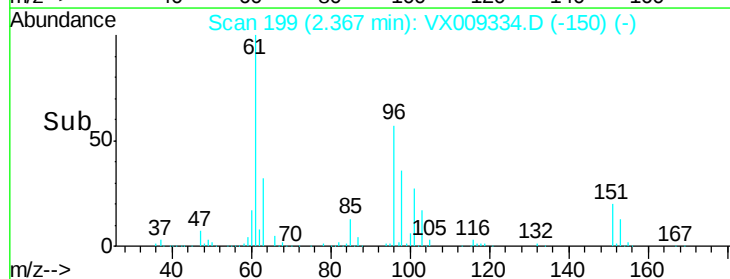
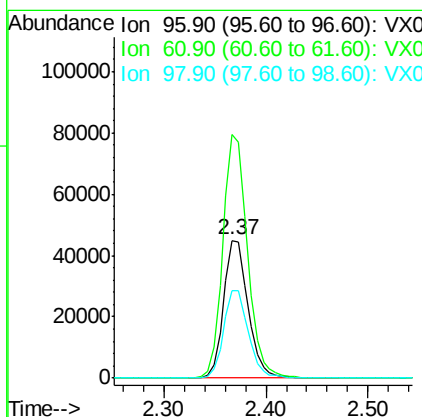
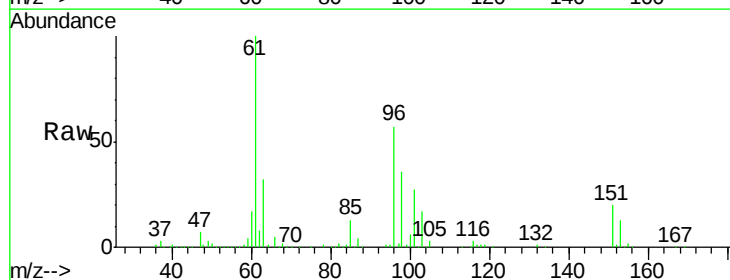
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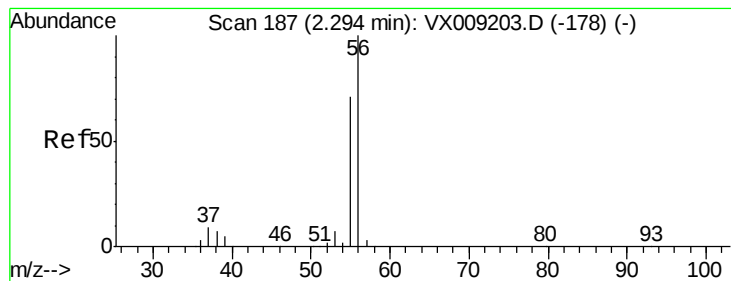
MMDadoda  
5/6/2019 9:25:06 AM



#12  
1,1-Dichloroethene  
Concen: 47.360 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Tgt Ion: 96 Resp: 74885  
Ion Ratio Lower Upper  
96 100  
61 176.9 144.3 216.5  
98 63.5 50.3 75.5





#13

Acrolein

Concen: 253.874 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW113-190430MS

Tot Ion: 56 Resp: 122431

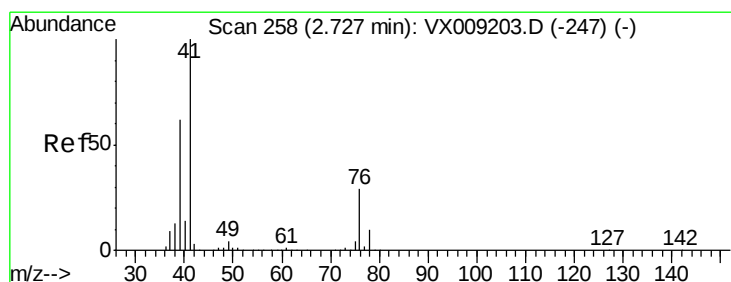
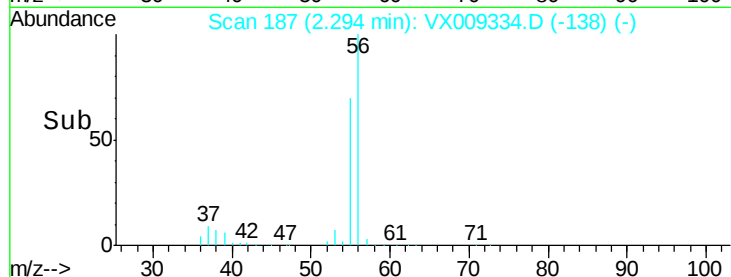
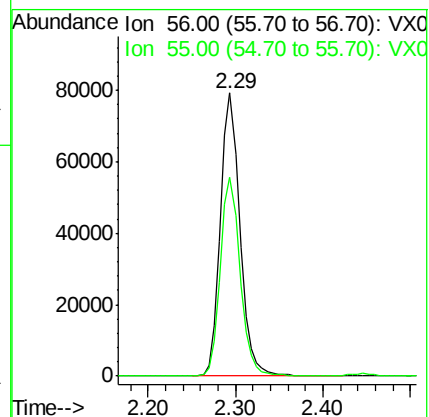
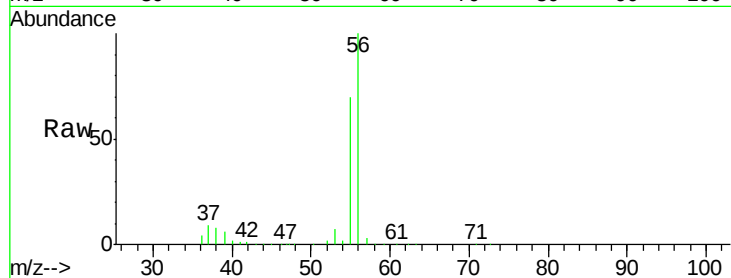
Ion Ratio Lower Upper

56 100

55 71.2 56.6 85.0

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#14

Allyl chloride

Concen: 46.993 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

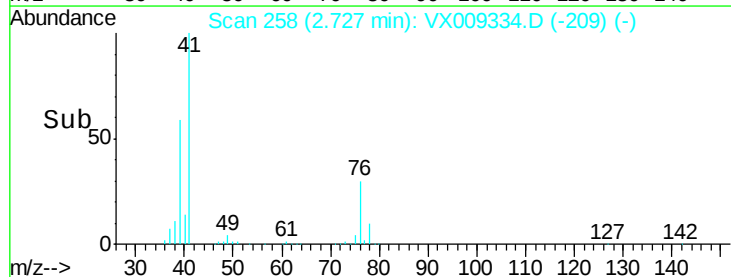
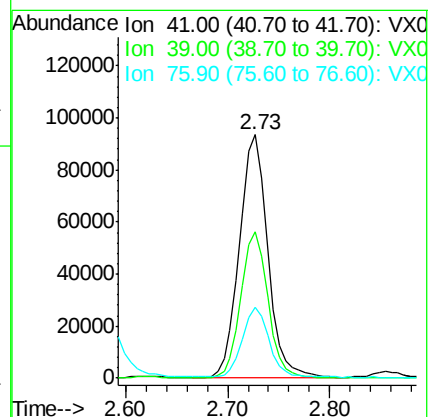
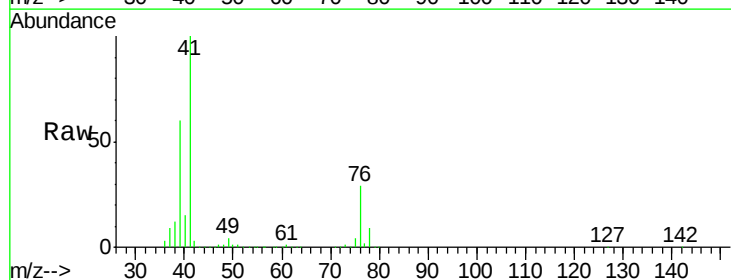
Tgt Ion: 41 Resp: 181082

Ion Ratio Lower Upper

41 100

39 57.3 46.7 70.1

76 27.7 21.8 32.8





#15

Acrylonitrile

Concen: 266.653 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

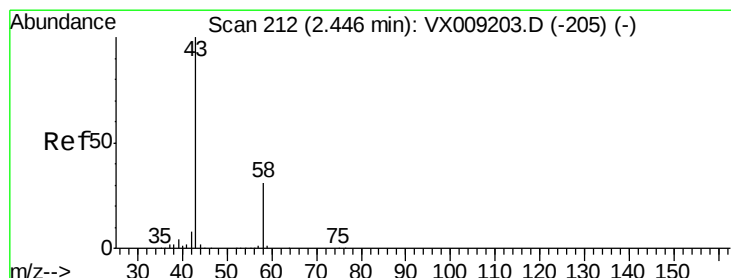
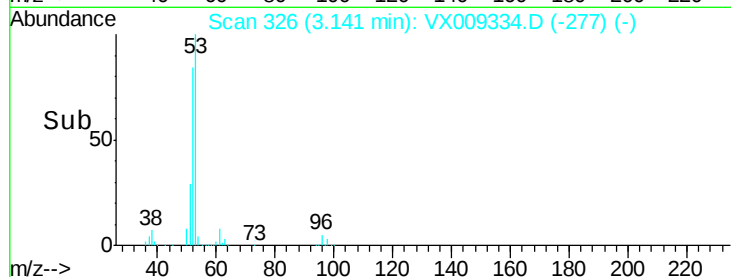
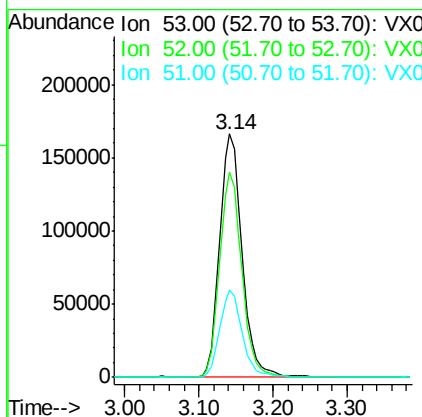
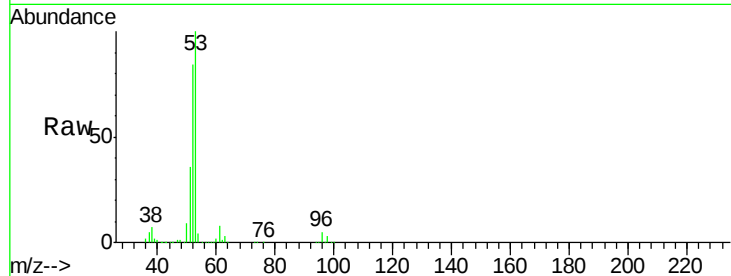
ClientSampleId :

SS050MW113-190430MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 347184 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 83.3 | 66.9  | 100.3  |
| 51        | 35.9 | 28.2  | 42.2   |

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#16

Acetone

Concen: 245.795 ug/l

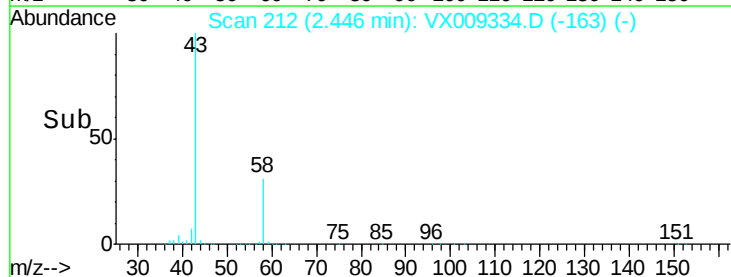
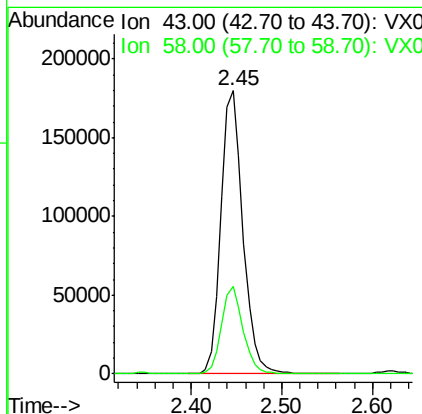
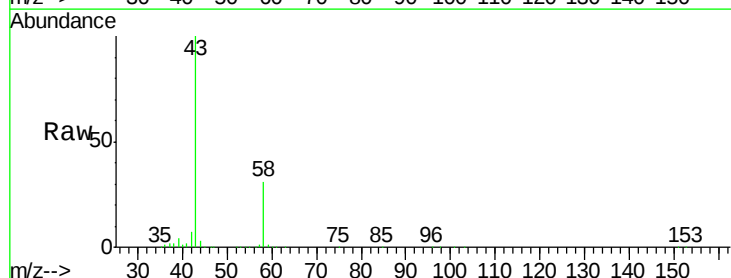
RT: 2.45 min Scan# 212

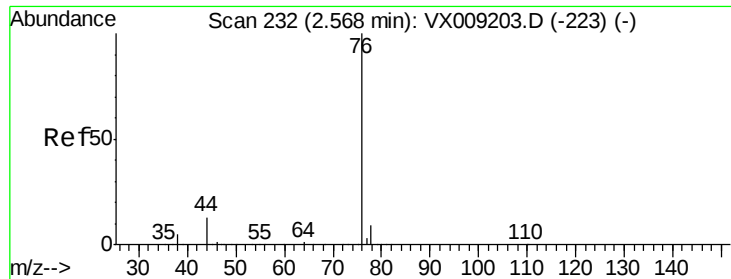
Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 303621 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 30.7 | 24.9  | 37.3   |





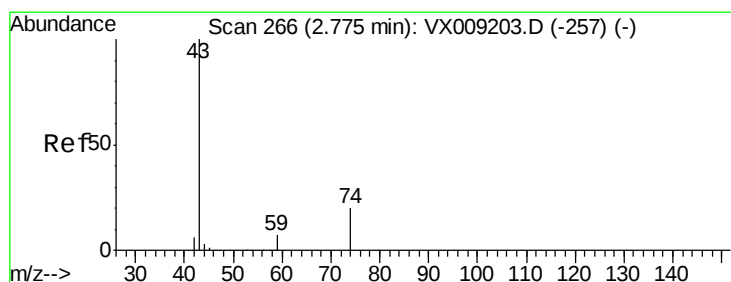
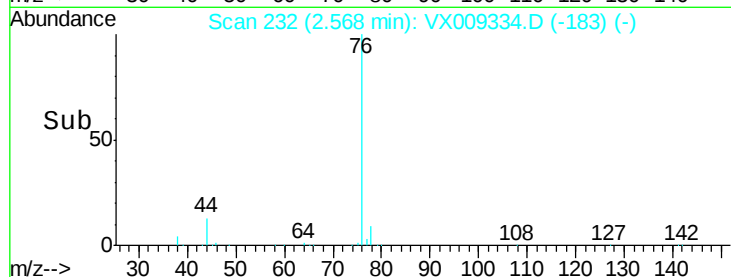
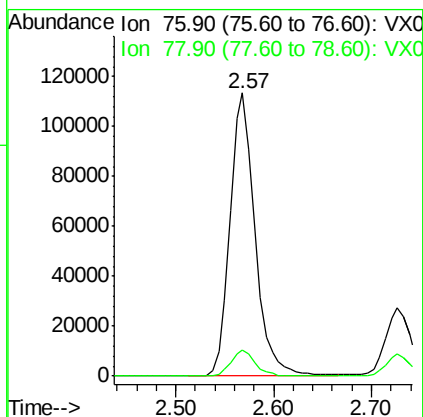
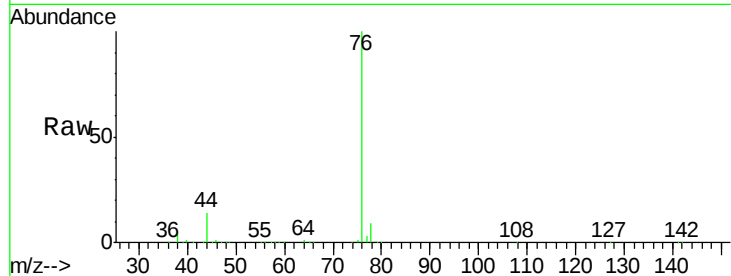
#17  
Carbon Disulfide  
Concen: 45.422 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

Tot Ion: 76 Resp: 201643  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.0

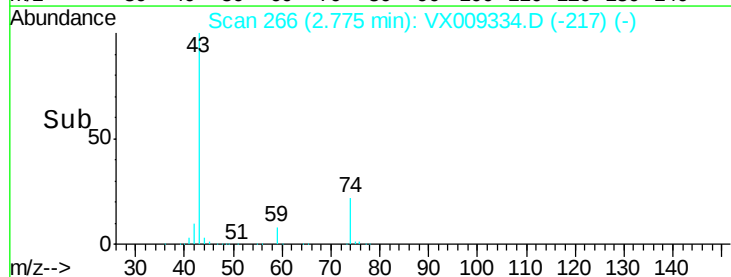
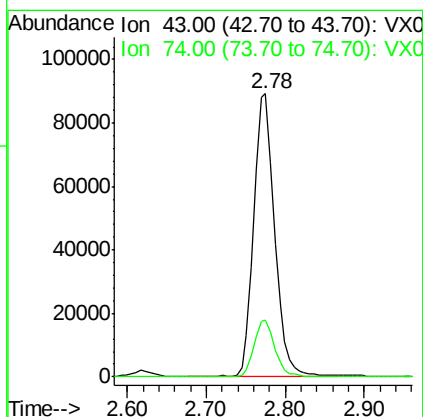
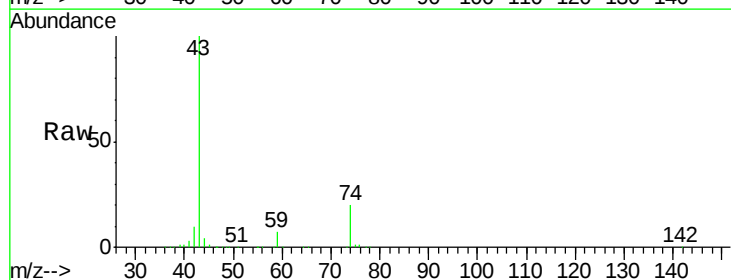
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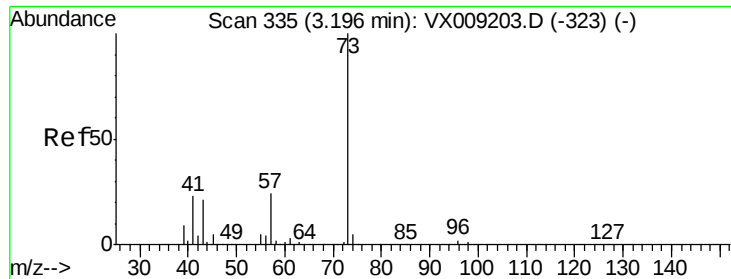
MMDadoda  
5/6/2019 9:25:06 AM



#18  
Methyl Acetate  
Concen: 56.145 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Tgt Ion: 43 Resp: 164938  
Ion Ratio Lower Upper  
43 100  
74 20.0 16.2 24.4





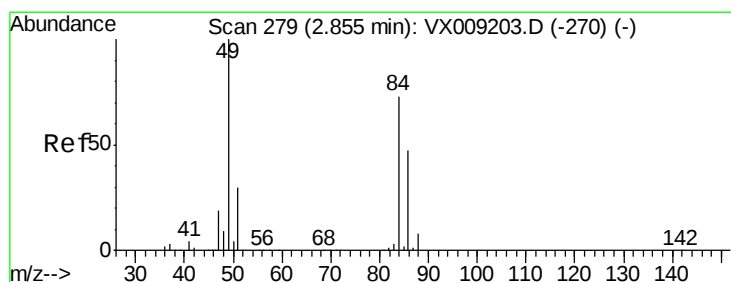
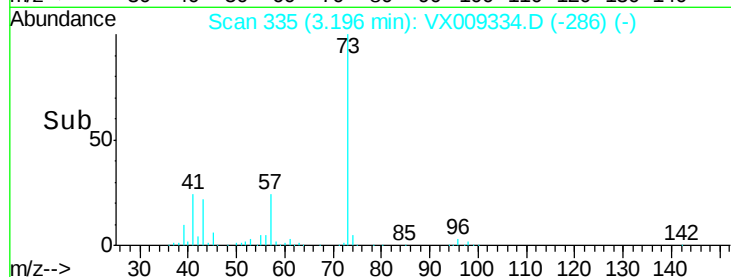
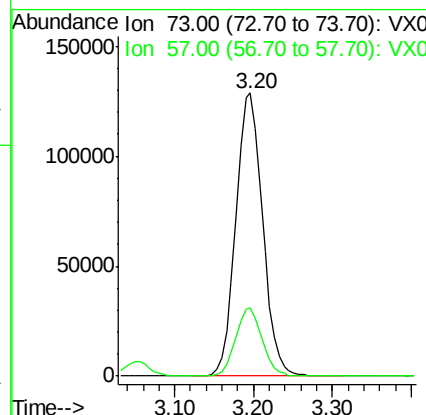
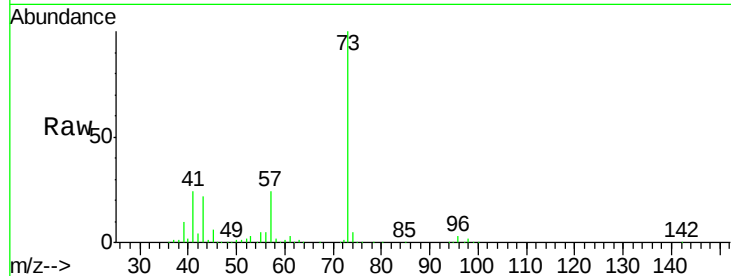
#19  
Methyl tert-butyl Ether  
Concen: 49.583 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

Tot Ion: 73 Resp: 304445  
Ion Ratio Lower Upper  
73 100  
57 23.9 19.3 28.9

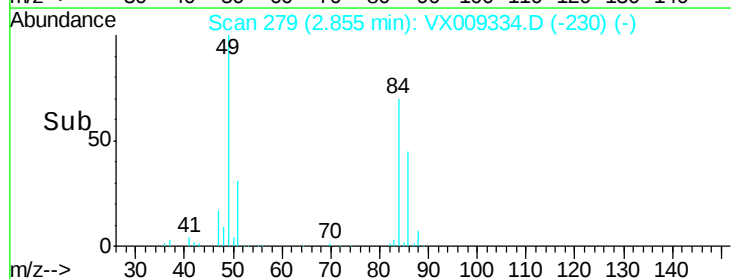
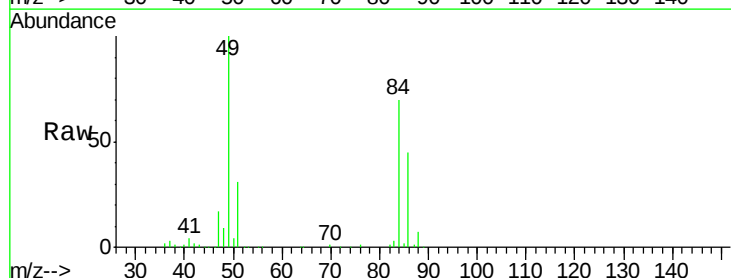
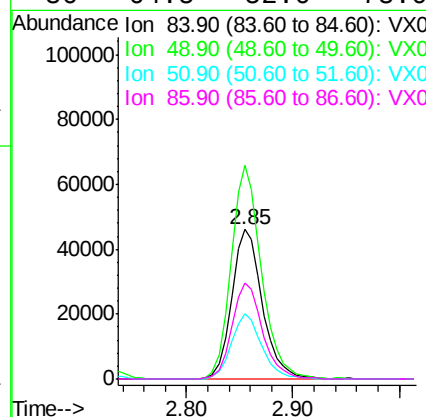
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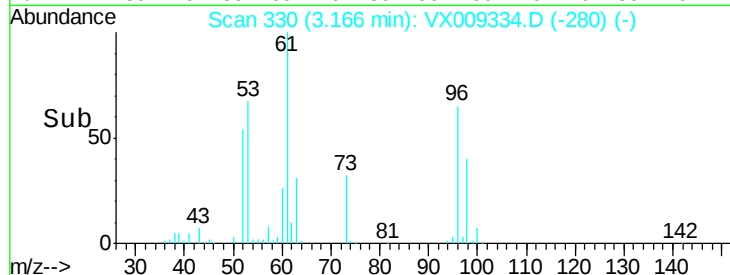
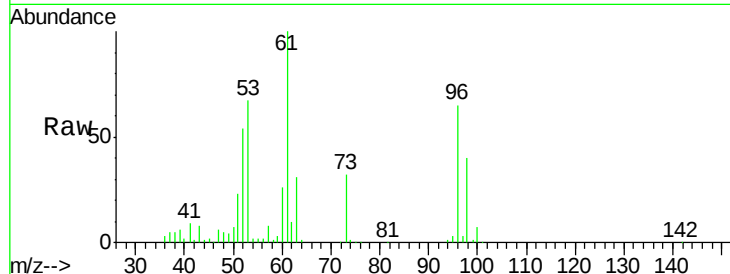
MMDadoda  
5/6/2019 9:25:06 AM



#20  
Methylene Chloride  
Concen: 46.384 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Tgt Ion: 84 Resp: 92772  
Ion Ratio Lower Upper  
84 100  
49 142.7 109.9 164.9  
51 43.6 32.7 49.1  
86 64.5 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 47.205 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009334.D

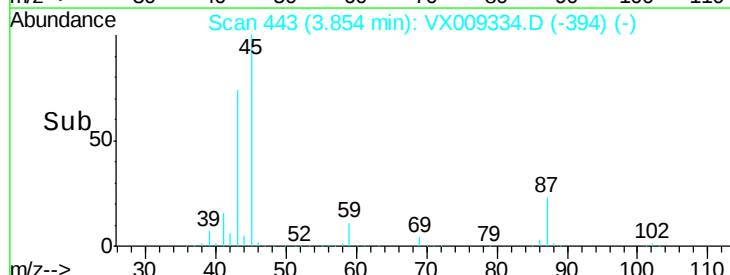
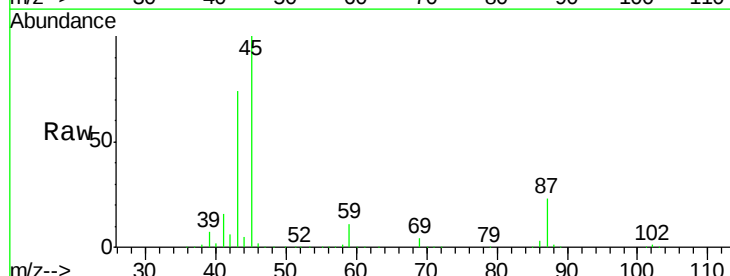
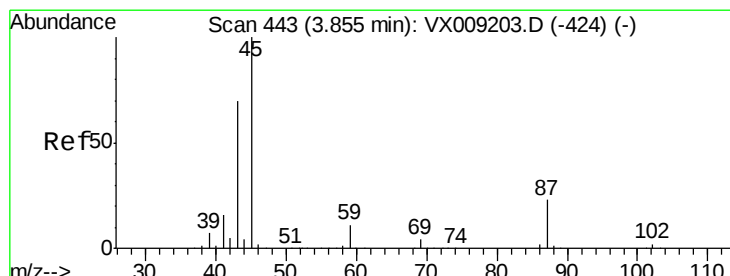
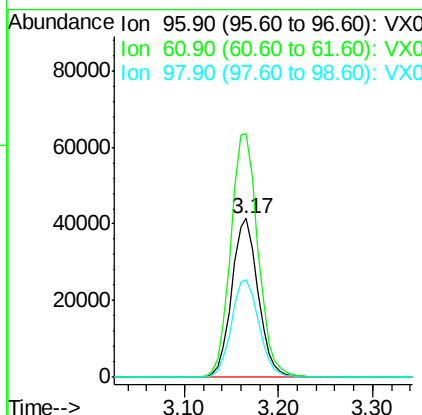
Acq: 04 May 2019 00:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 153.4 | 124.5 | 186.7 |
| 98      | 61.5  | 50.4  | 75.6  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

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#22

Diisopropyl ether

Concen: 49.709 ug/l

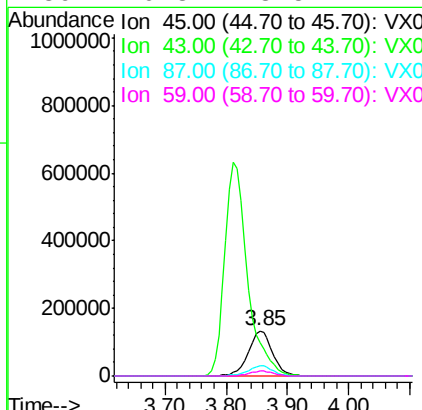
RT: 3.85 min Scan# 443

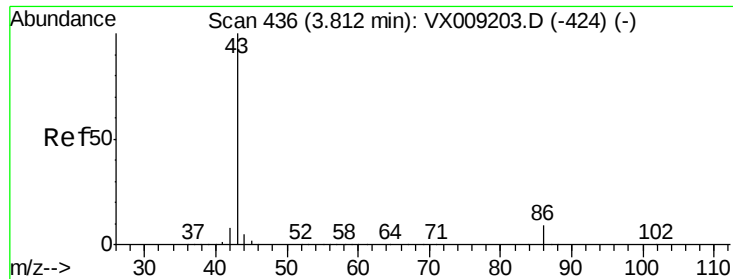
Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 73.5  | 56.1  | 84.1  |
| 87      | 23.0  | 18.1  | 27.1  |
| 59      | 10.8  | 8.5   | 12.7  |





#23

Vinyl Acetate

Concen: 256.739 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW113-190430MS

Tot Ion: 43 Resp: 1629177

Ion Ratio Lower Upper

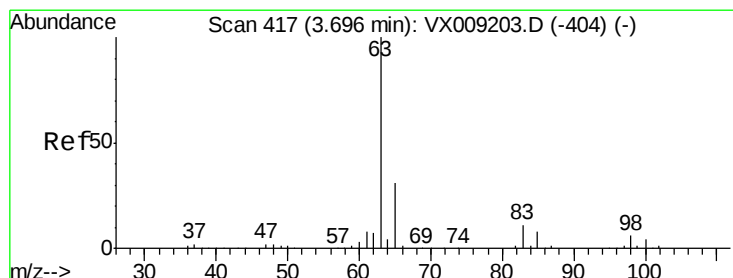
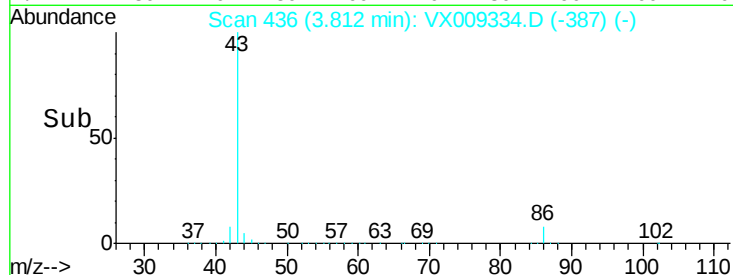
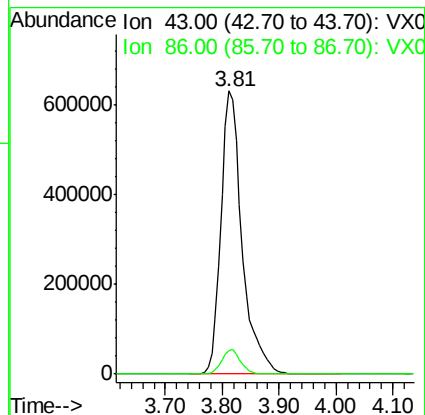
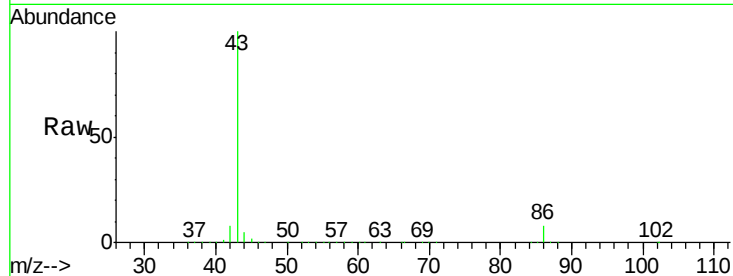
43 100

86 8.4 6.9 10.3

Manual Integrations  
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#24

1,1-Dichloroethane

Concen: 47.735 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

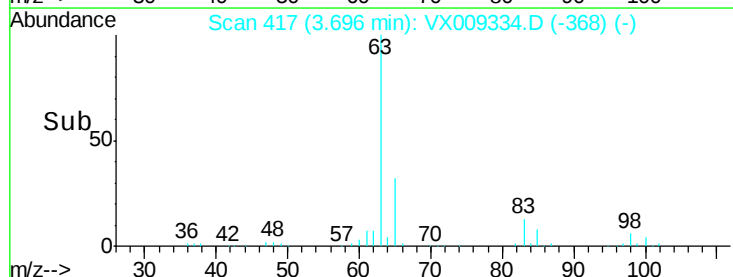
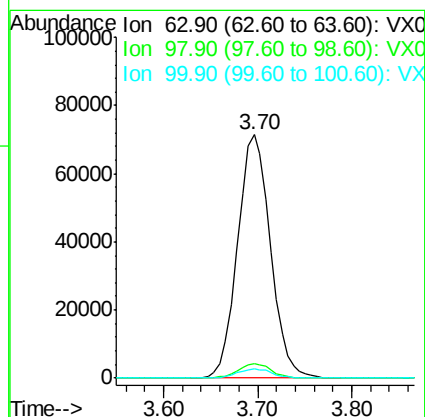
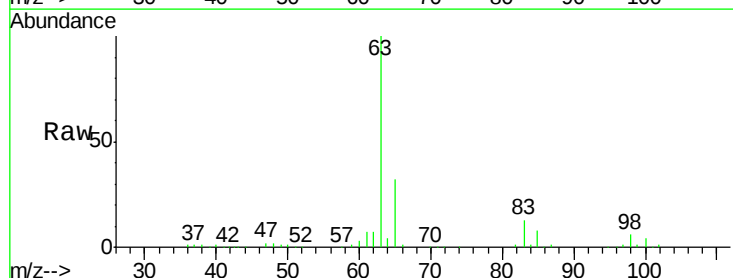
Tgt Ion: 63 Resp: 174504

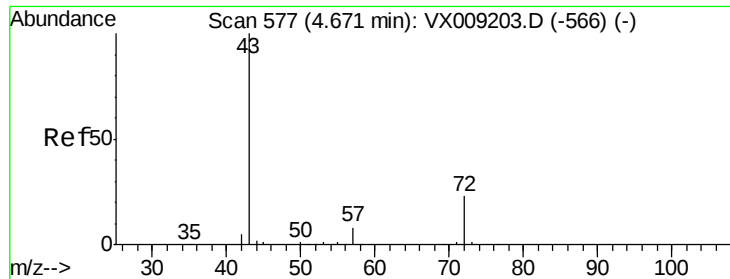
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 273.807 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW113-190430MS

Tot Ion: 43 Resp: 525589

Ion Ratio Lower Upper

43 100

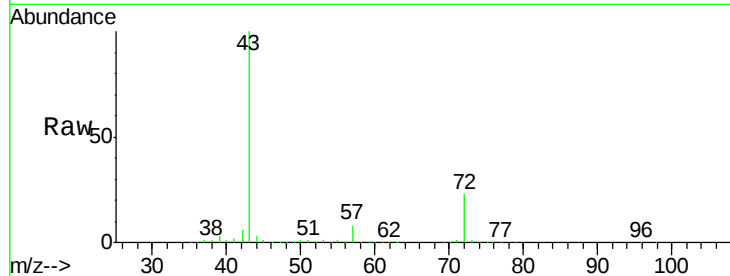
72 22.6 18.2 27.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

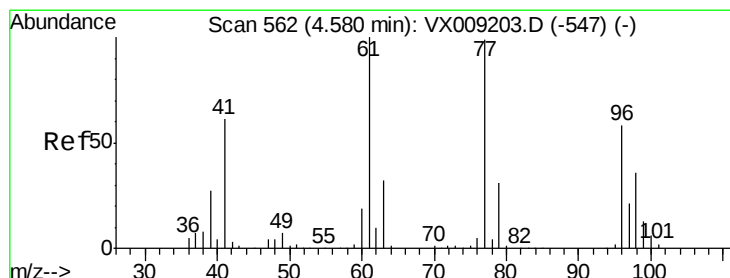
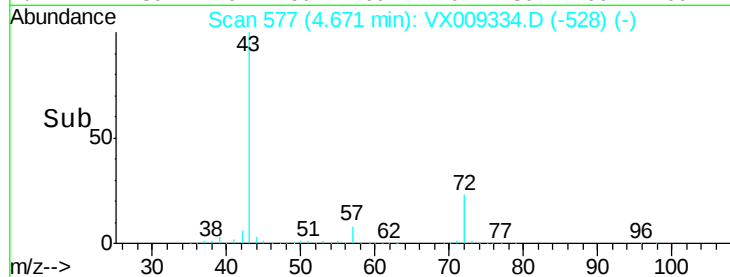
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 38.401 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009334.D

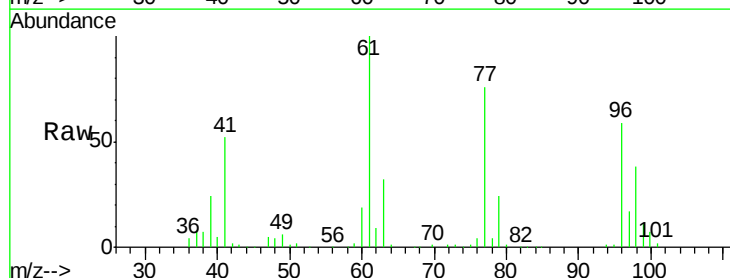
Acq: 04 May 2019 00:50

Tgt Ion: 77 Resp: 104490

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

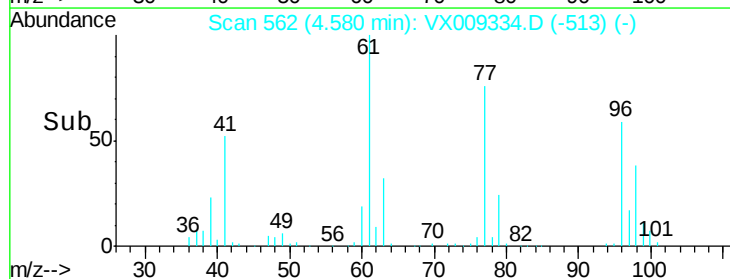
30000

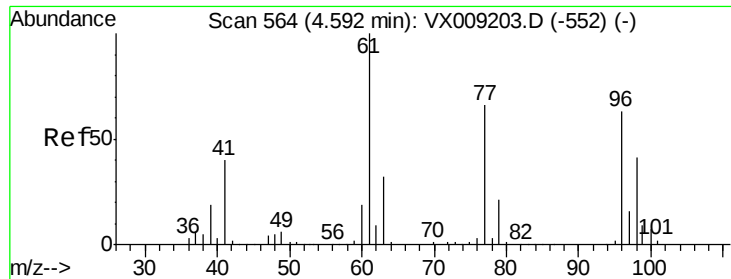
20000

10000

0

Time-->





#27

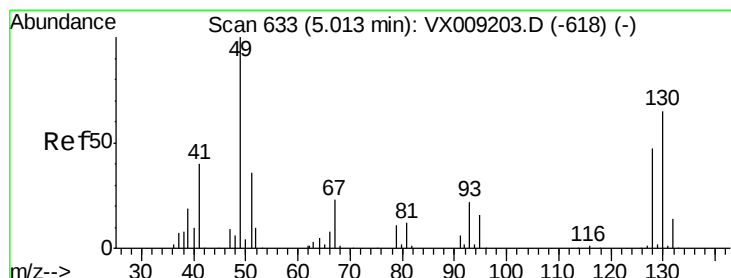
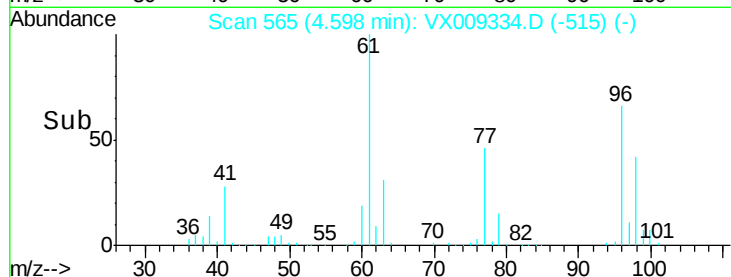
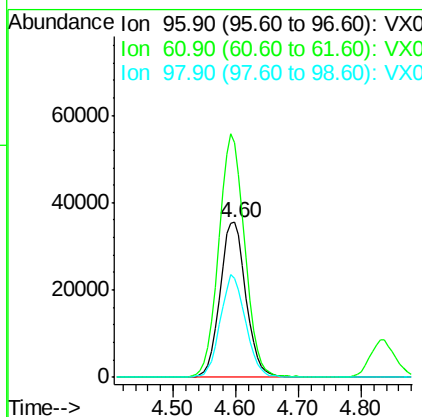
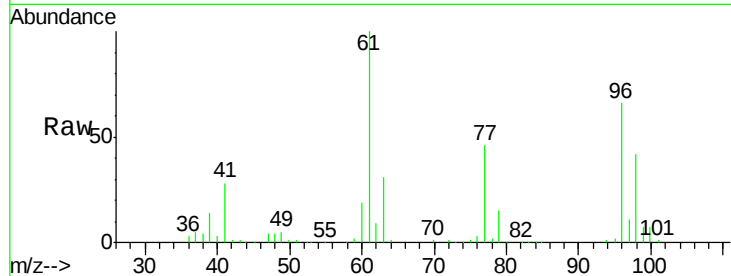
cis-1,2-Dichloroethene  
Concen: 49.638 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.01 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 101600 |       |       |
| 61      | 157.8 | 0.0    | 324.0 |       |
| 98      | 64.7  | 0.0    | 130.4 |       |

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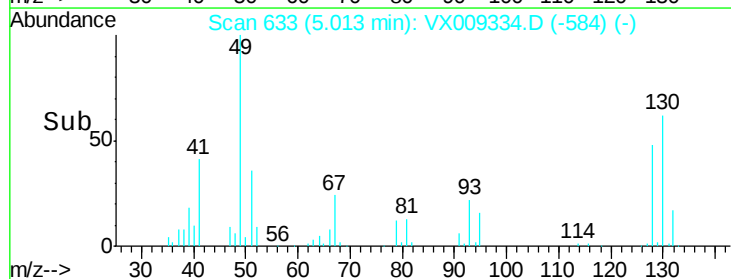
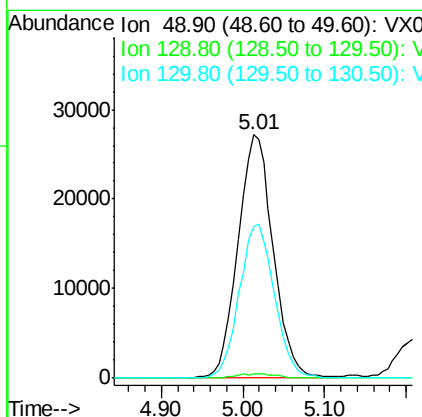
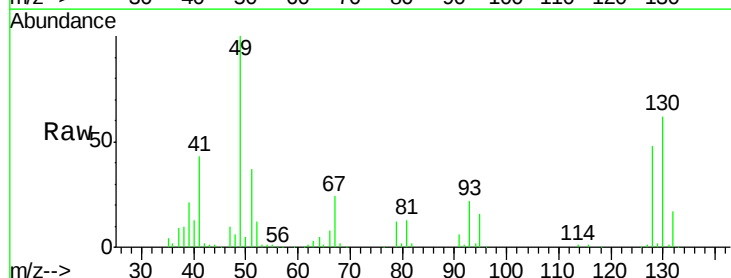
MMDadoda  
5/6/2019 9:25:06 AM

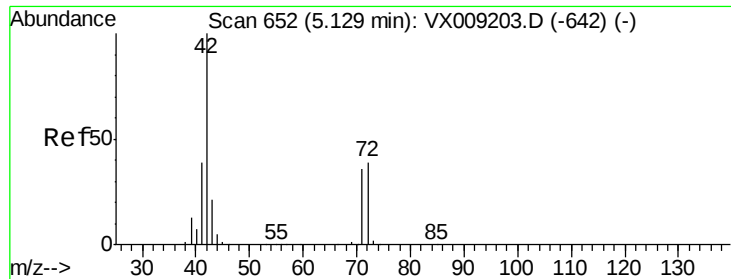


#28

Bromochloromethane  
Concen: 55.690 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. 0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 81493 |       |       |
| 129     | 1.8   | 0.0   | 3.8   |       |
| 130     | 63.2  | 51.2  | 76.8  |       |





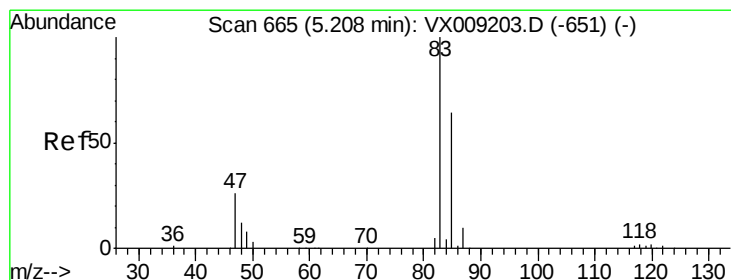
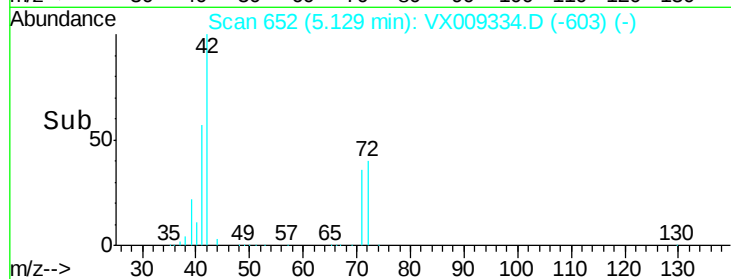
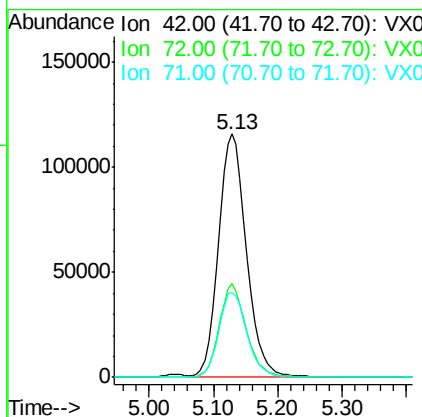
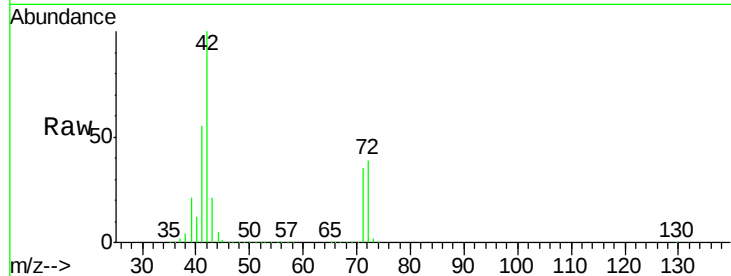
#29  
Tetrahydrofuran  
Concen: 284.533 ug/l  
RT: 5.13 min Scan# 652  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 37.6  | 30.4  | 45.6  |
| 71      | 35.4  | 28.6  | 43.0  |

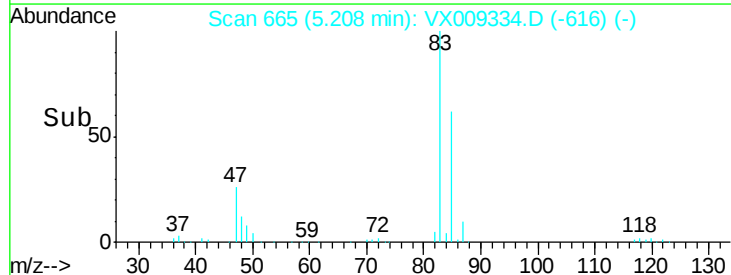
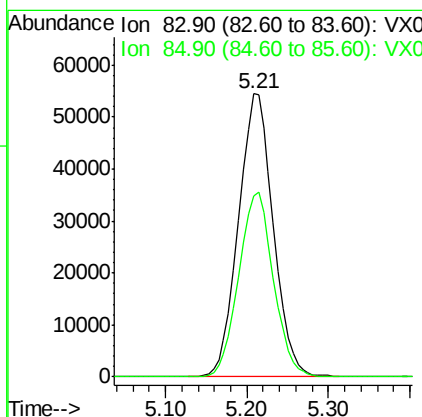
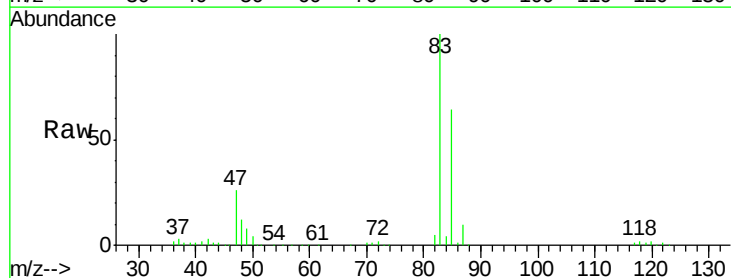
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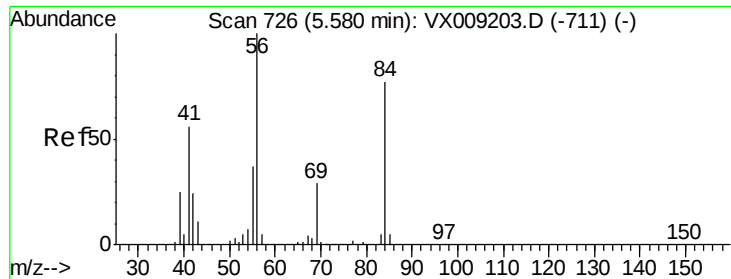
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#30  
Chloroform  
Concen: 48.728 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.9  | 51.5  | 77.3  |





#31

Cyclohexane

Concen: 44.805 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

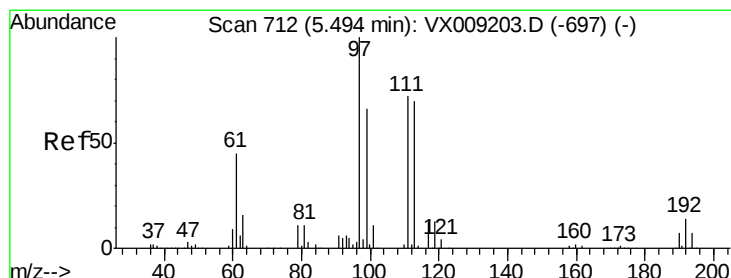
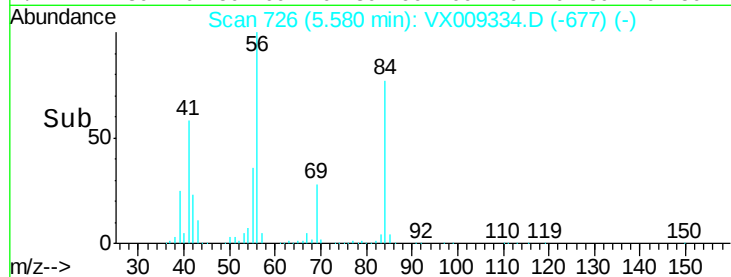
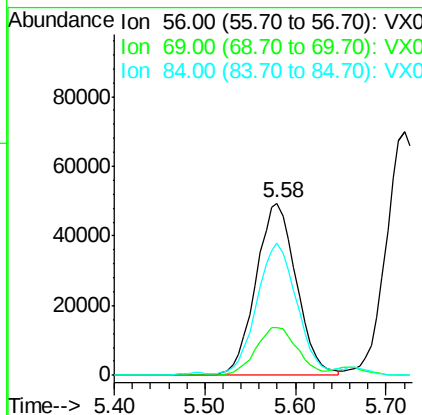
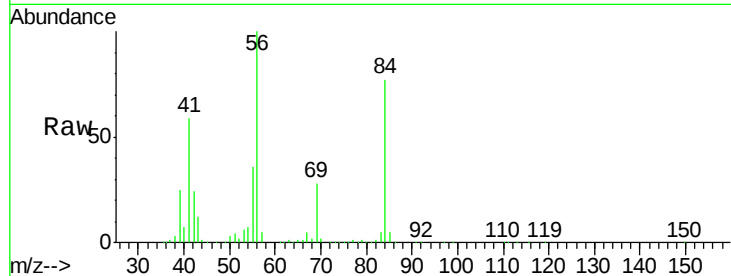
ClientSampleId :

SS050MW113-190430MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 152386 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 27.9  | 23.4  | 35.0   |
| 84       | 76.0  | 61.9  | 92.9   |

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#32

1,1,1-Trichloroethane

Concen: 47.515 ug/l

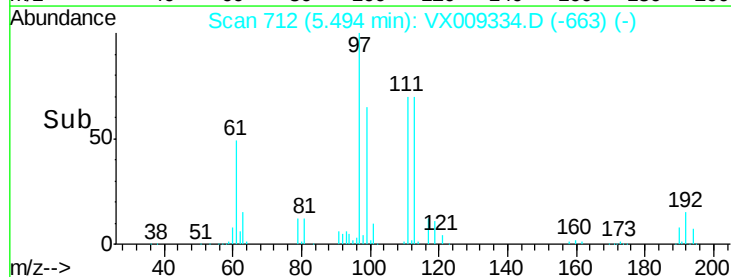
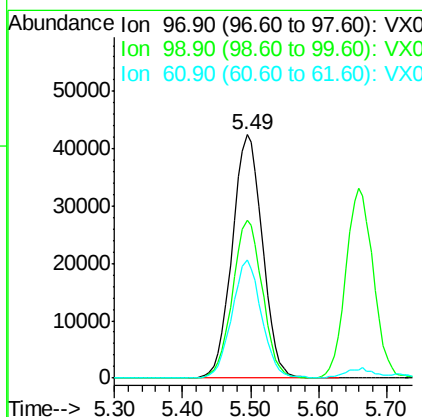
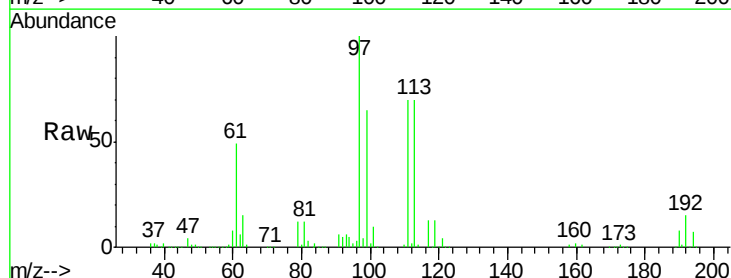
RT: 5.49 min Scan# 712

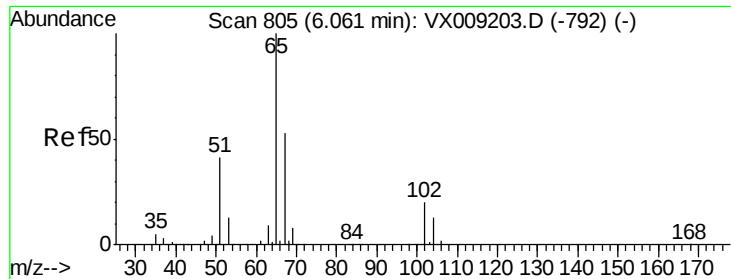
Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 130777 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.3  | 51.8  | 77.8   |
| 61       | 47.7  | 37.8  | 56.8   |





#33

1,2-Dichloroethane-d4

Concen: 50.654 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW113-190430MS

Tot Ion: 65 Resp: 116527

Ion Ratio Lower Upper

65 100

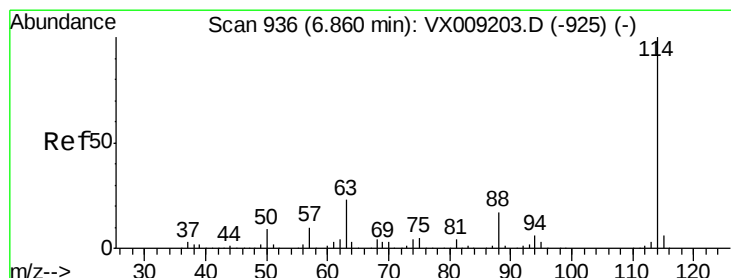
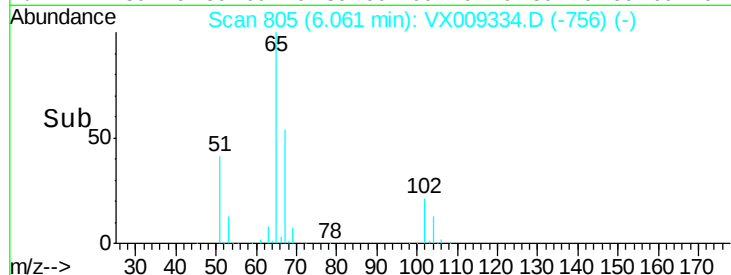
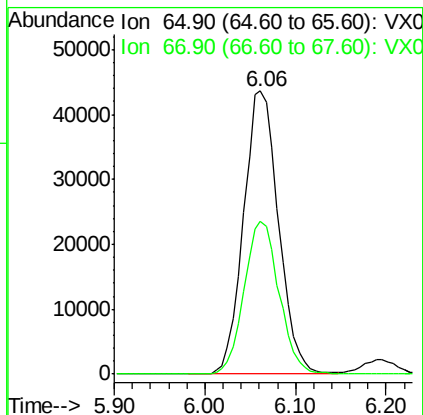
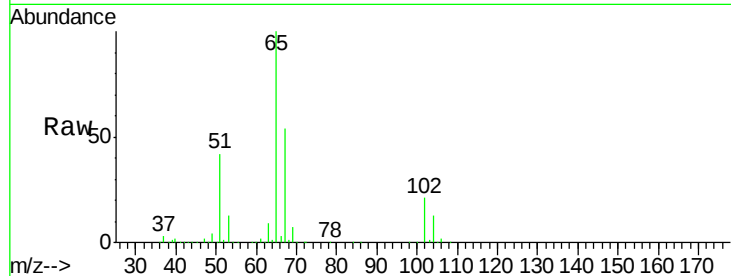
67 53.9 0.0 106.6

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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: VX009334.D

Acq: 04 May 2019 00:50

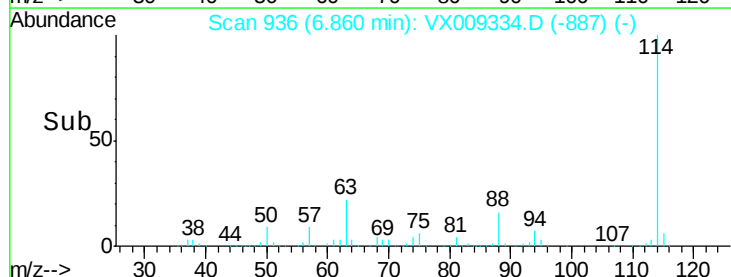
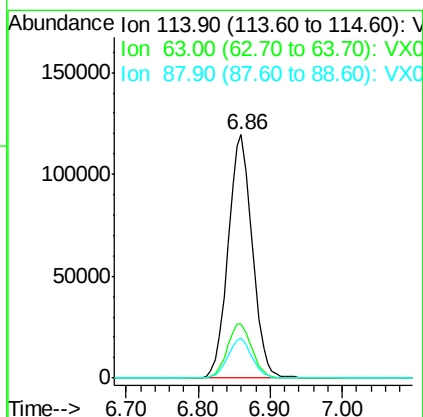
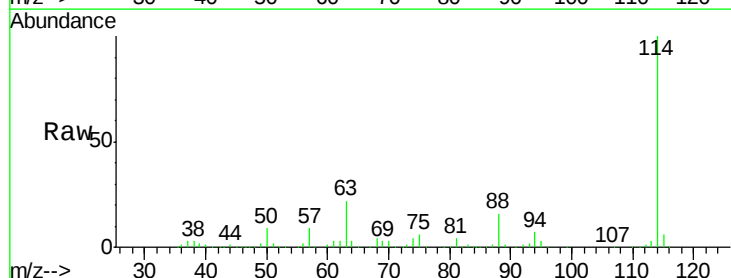
Tgt Ion: 114 Resp: 278823

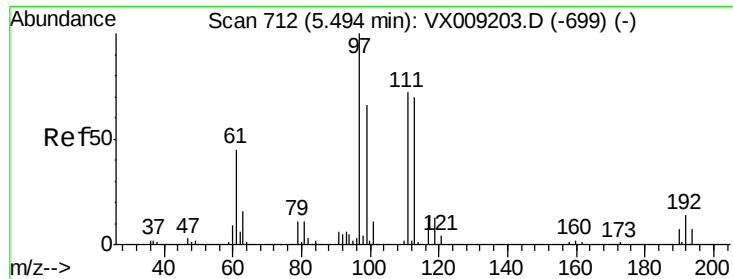
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 16.4 0.0 33.2





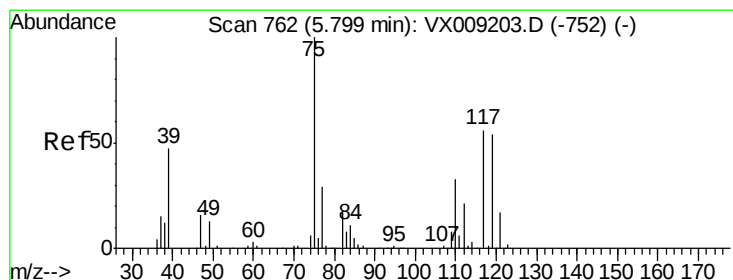
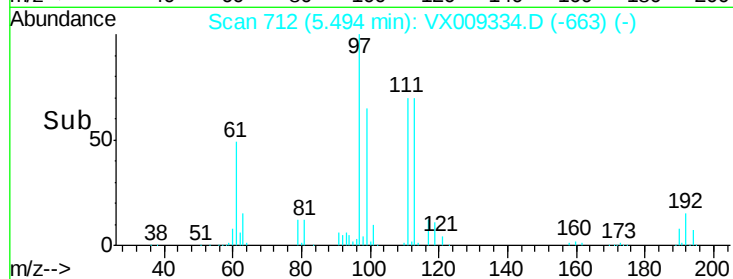
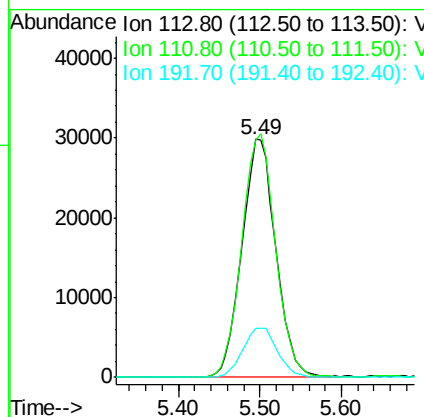
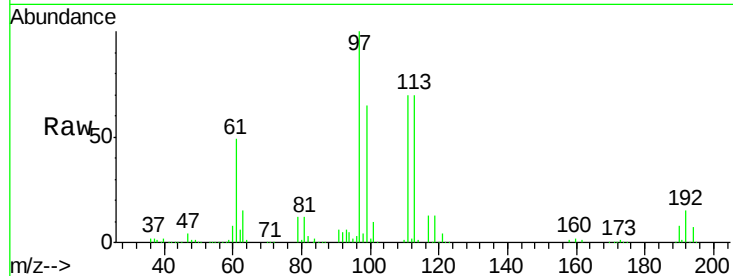
#35  
 Dibromofluoromethane  
 Concen: 49.253 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW113-190430MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.7 | 82.8  | 124.2 |
| 192     | 21.4  | 17.0  | 25.6  |

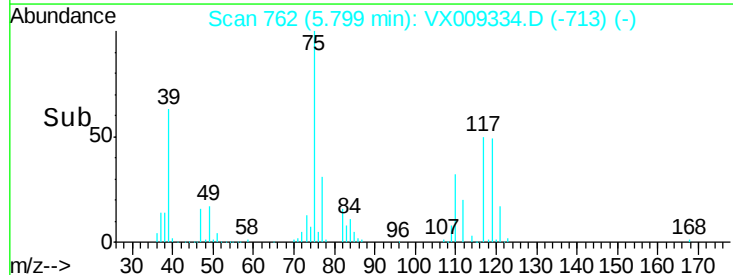
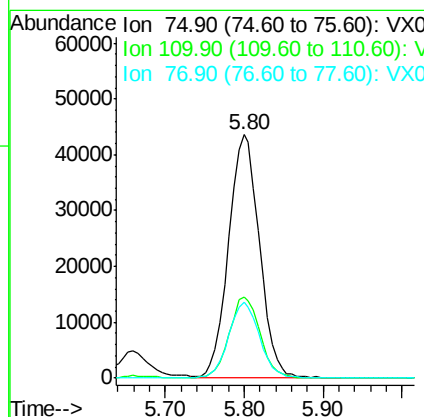
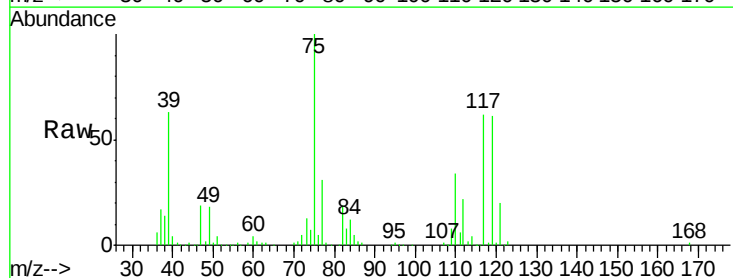
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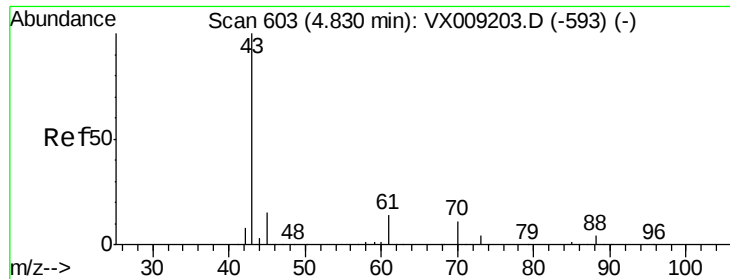
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#36  
 1,1-Dichloropropene  
 Concen: 45.564 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 33.7  | 16.9  | 50.6  |
| 77      | 31.3  | 24.8  | 37.2  |





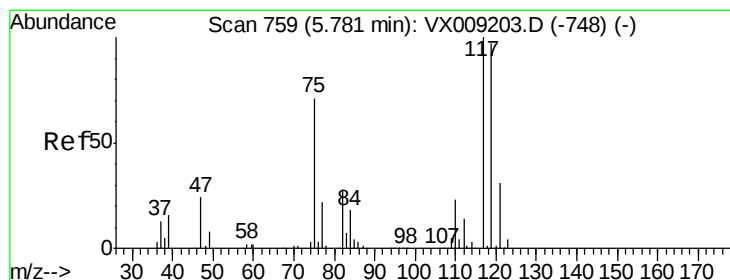
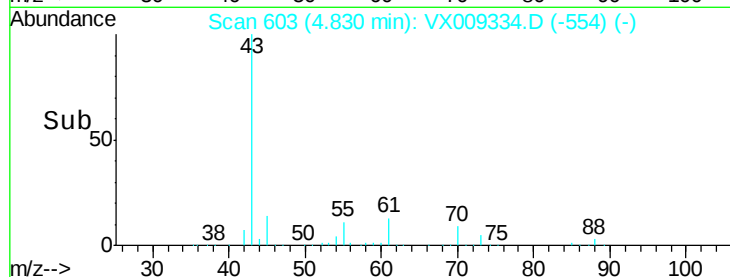
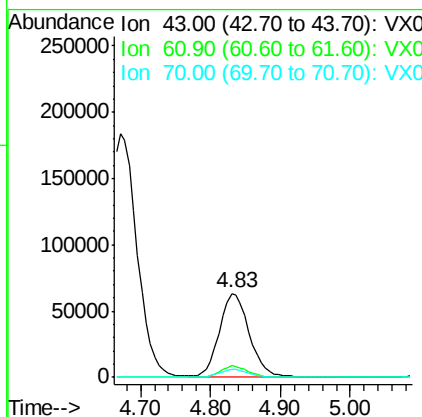
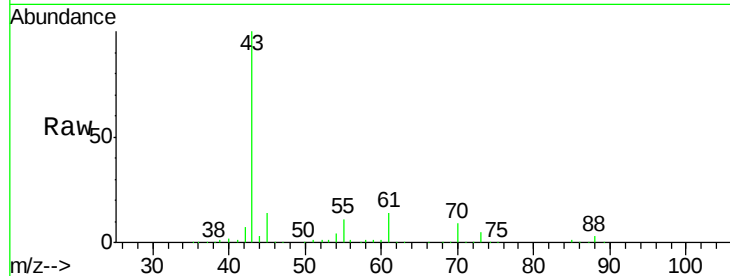
#37  
Ethyl Acetate  
Concen: 52.012 ug/l  
RT: 4.83 min Scan# 603  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.5  | 10.5  | 15.7  |
| 70      | 9.5   | 7.9   | 11.9  |

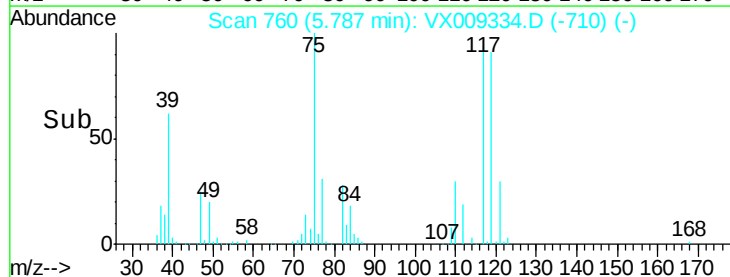
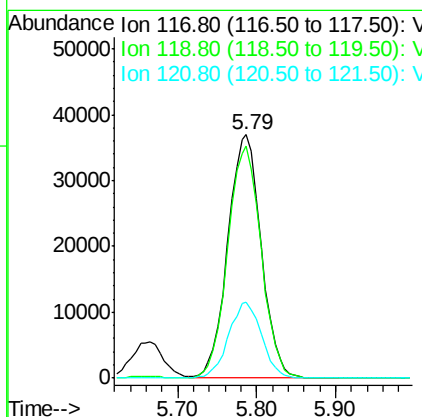
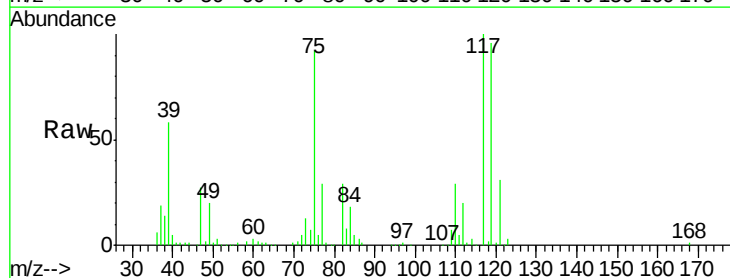
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#38  
Carbon Tetrachloride  
Concen: 46.128 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. 0.01 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.5  | 77.5  | 116.3 |
| 121     | 31.4  | 24.7  | 37.1  |





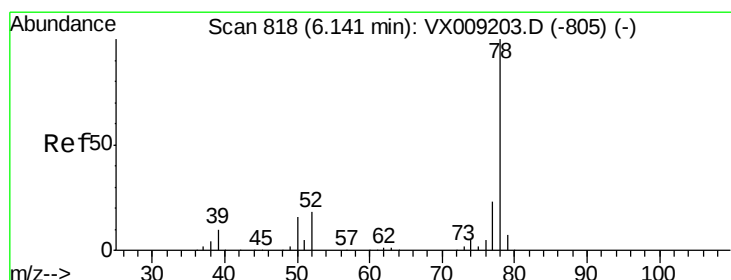
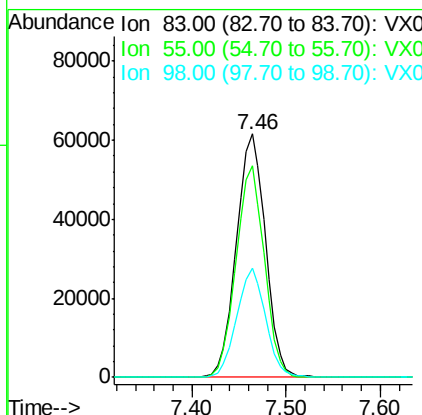
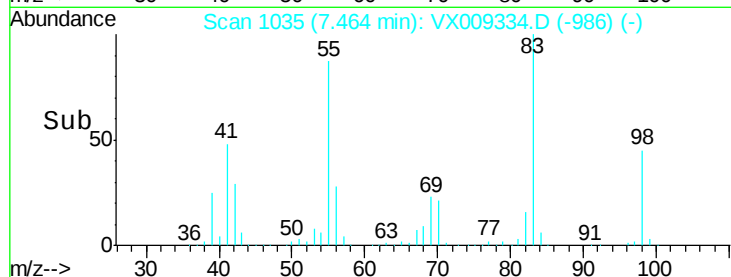
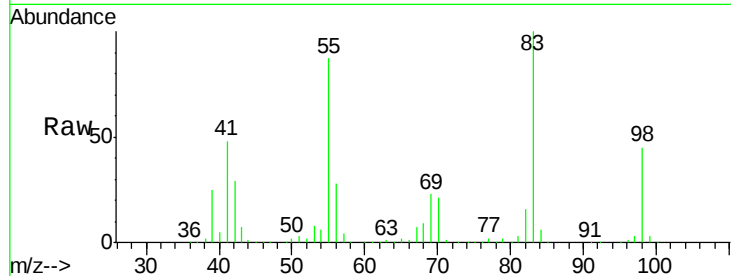
#39  
Methvlcvclohexane  
Concen: 41.775 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 86.6  | 67.7  | 101.5 |
| 98      | 44.9  | 35.5  | 53.3  |

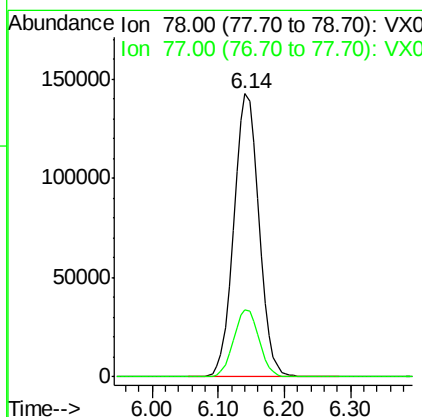
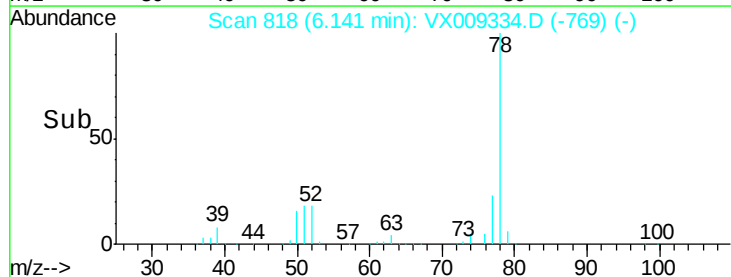
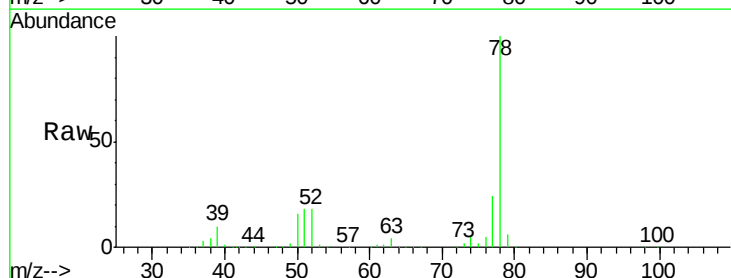
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#40  
Benzene  
Concen: 46.882 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 18.8  | 28.2  |





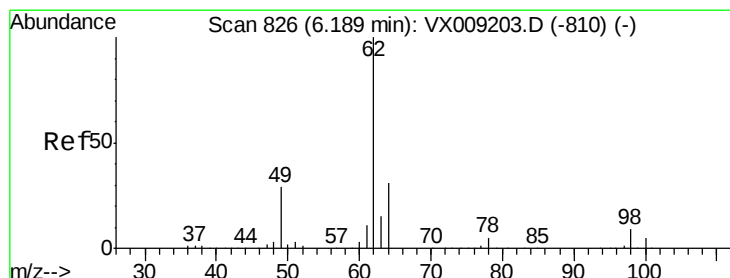
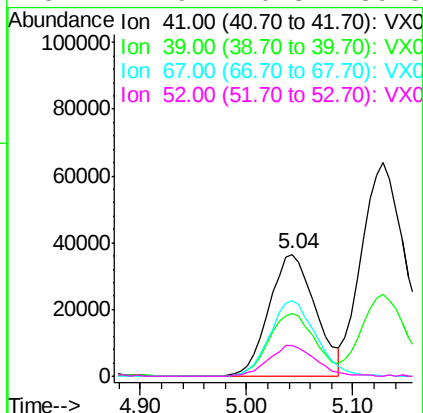
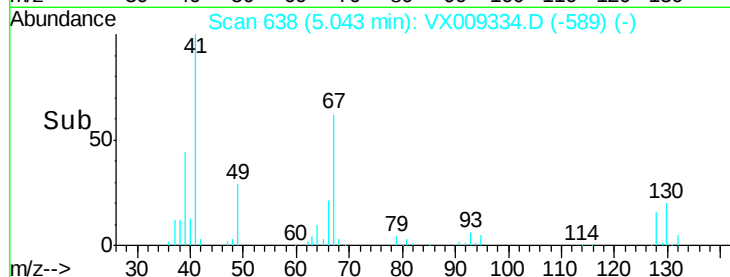
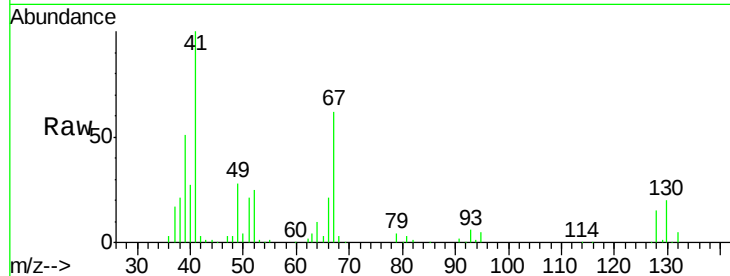
#41  
Methacrylonitrile  
Concen: 51.206 ug/l  
RT: 5.04 min Scan# 638  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 52.3 | 42.0  | 63.0  |       |
| 67      | 62.0 | 49.8  | 74.8  |       |
| 52      | 24.9 | 20.3  | 30.5  |       |

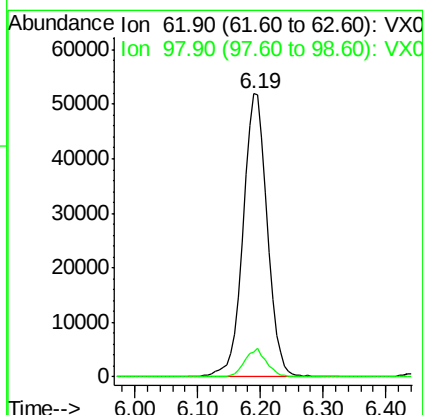
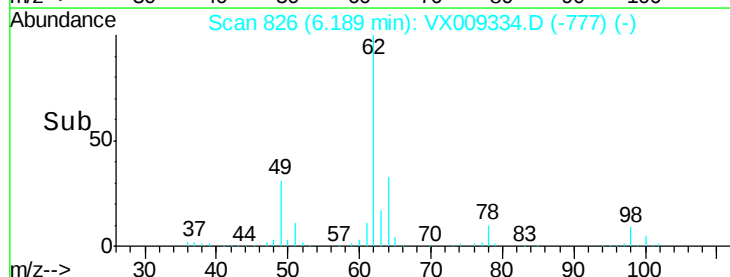
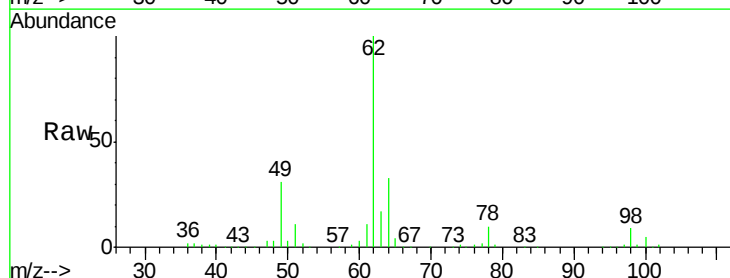
Manual Integrations  
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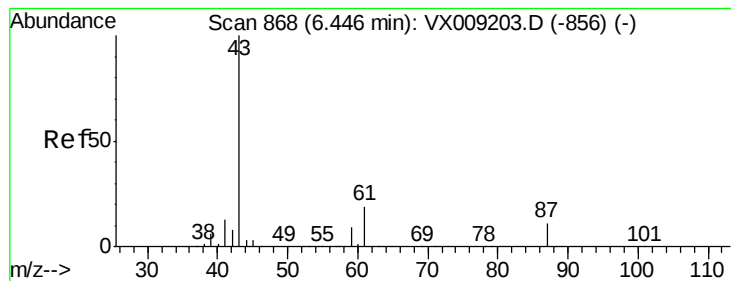
MMDadoda  
5/6/2019 9:25:06 AM



#42  
1,2-Dichloroethane  
Concen: 48.197 ug/l  
RT: 6.19 min Scan# 826  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.1 | 0.0   | 18.2  |       |





#43

Isopropyl Acetate

Concen: 50.563 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

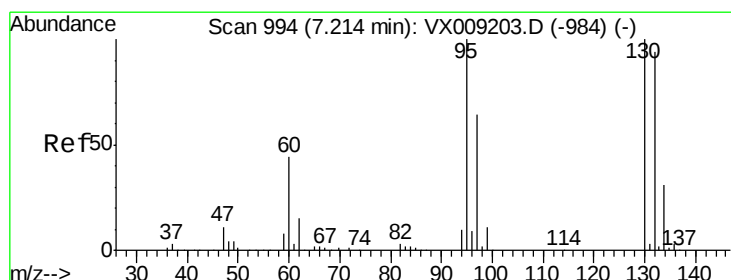
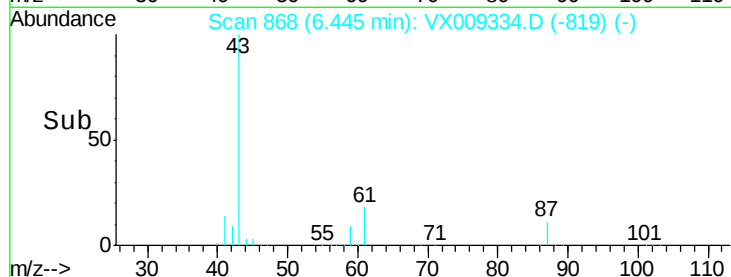
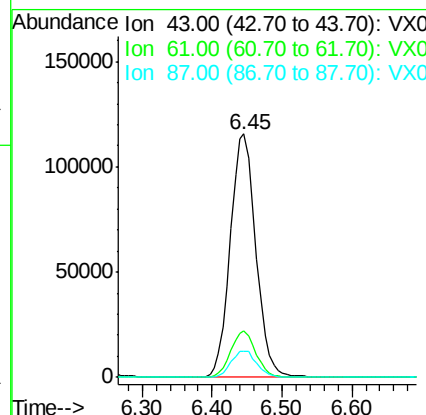
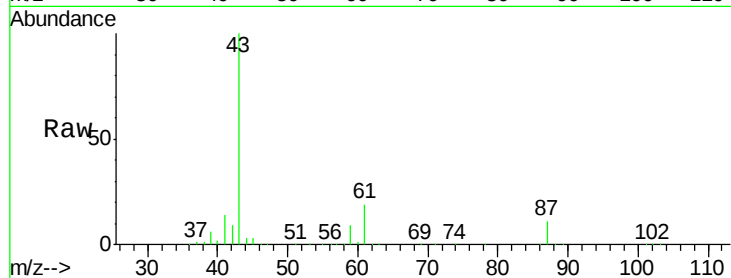
ClientSampleId :

SS050MW113-190430MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 291989 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.8  | 15.1  | 22.7   |
| 87       | 11.1  | 9.0   | 13.6   |

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#44

Trichloroethene

Concen: 45.444 ug/l

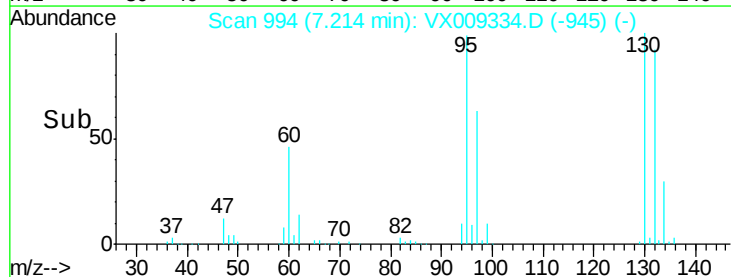
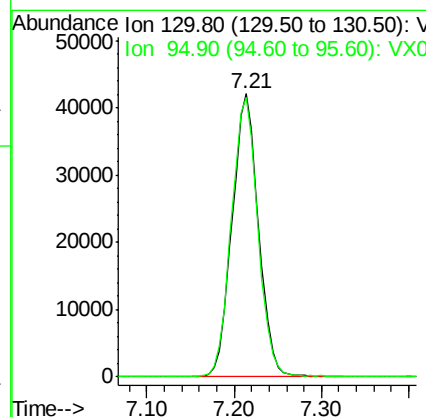
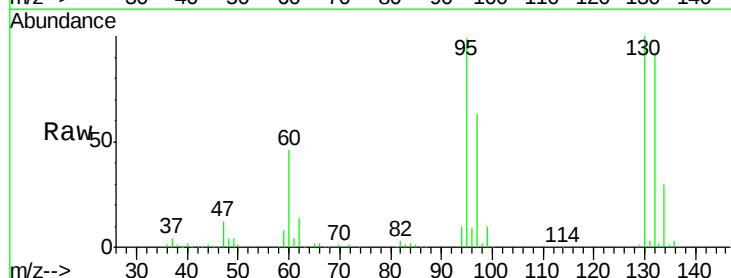
RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 88100 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 98.5  | 0.0   | 199.2 |





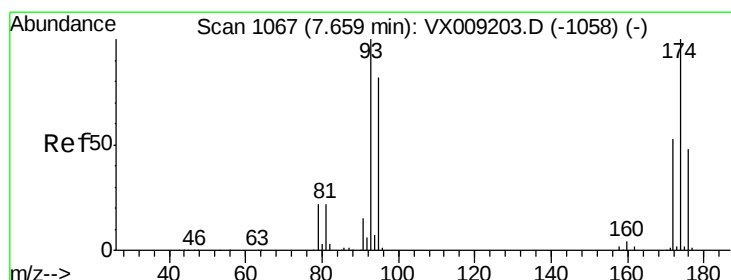
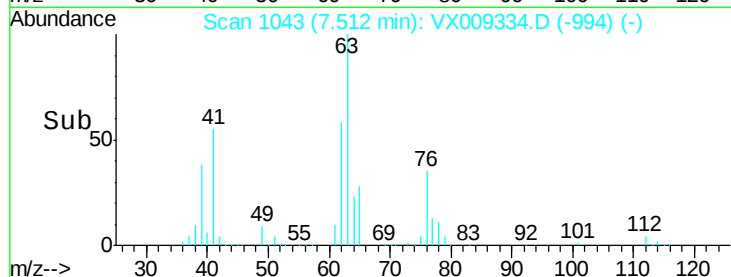
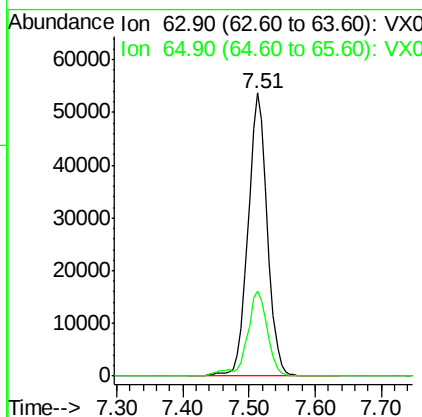
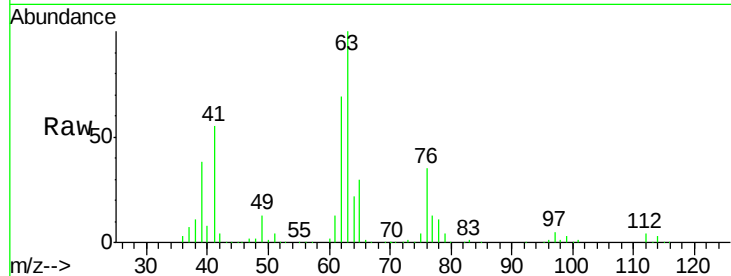
#45  
 1,2-Dichloropropane  
 Concen: 48.073 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW113-190430MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 29.9  | 25.0  | 37.6  |

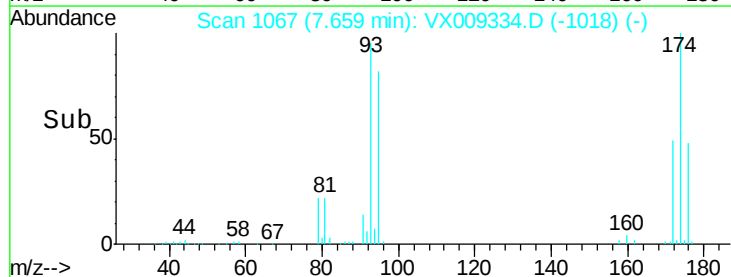
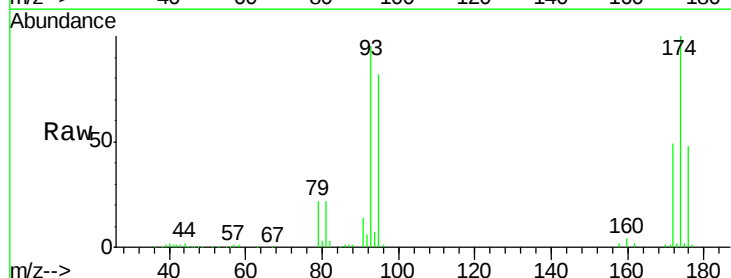
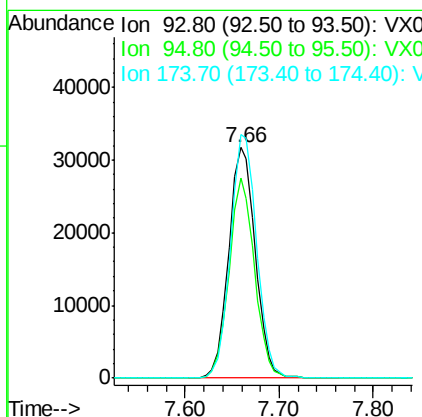
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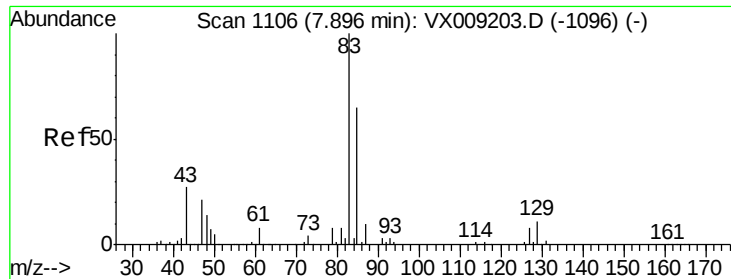
MMDadoda  
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#46  
 Dibromomethane  
 Concen: 47.365 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.2  | 66.5  | 99.7  |
| 174     | 103.8 | 82.1  | 123.1 |





#47

Bromodichloromethane

Concen: 47.676 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

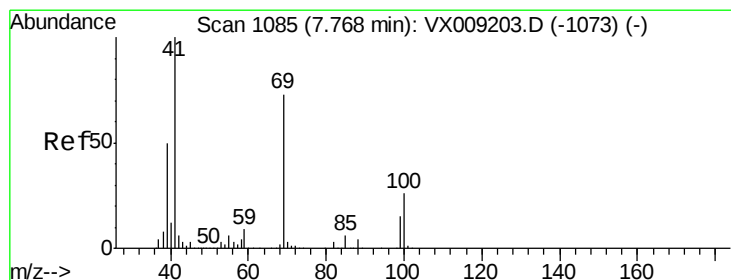
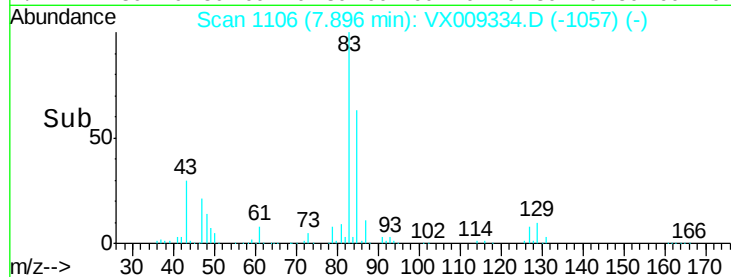
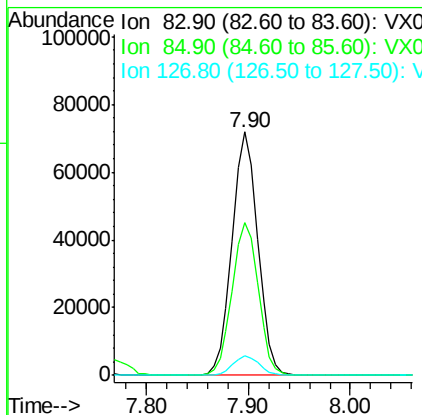
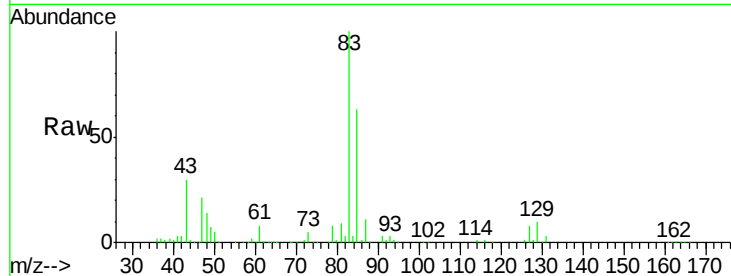
ClientSampleId :

SS050MW113-190430MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 125402 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.7  | 52.4  | 78.6   |
| 127      | 7.9   | 6.6   | 10.0   |

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5/6/2019 9:25:06 AM



#48

Methyl methacrylate

Concen: 51.673 ug/l

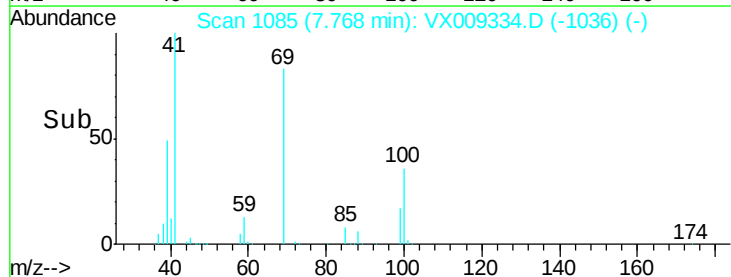
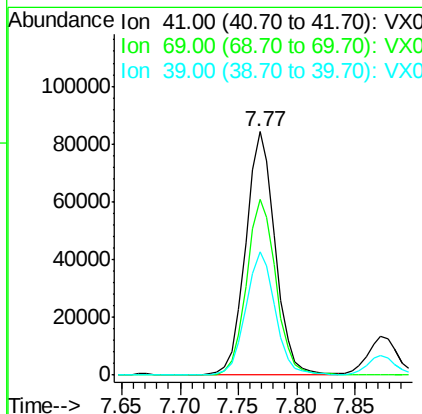
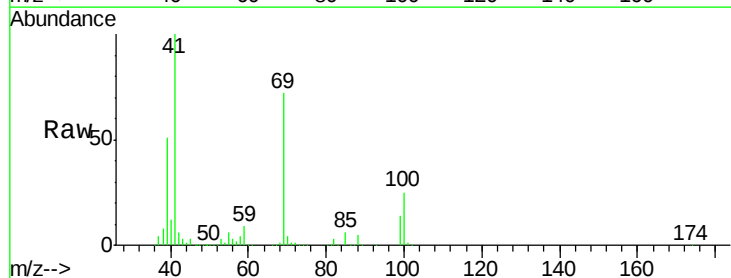
RT: 7.77 min Scan# 1085

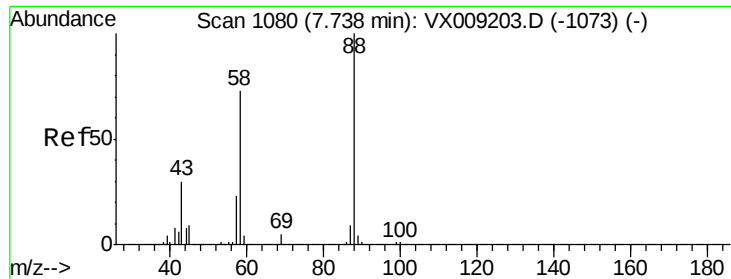
Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 148044 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 72.6  | 59.1  | 88.7   |
| 39       | 50.5  | 40.4  | 60.6   |





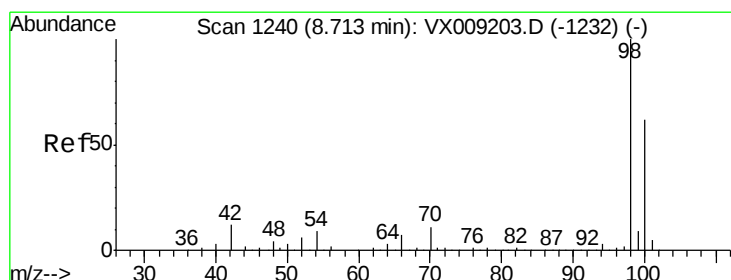
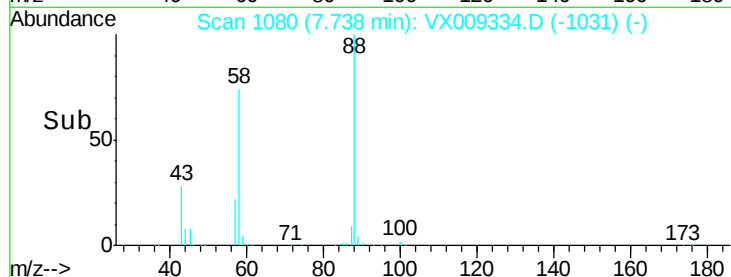
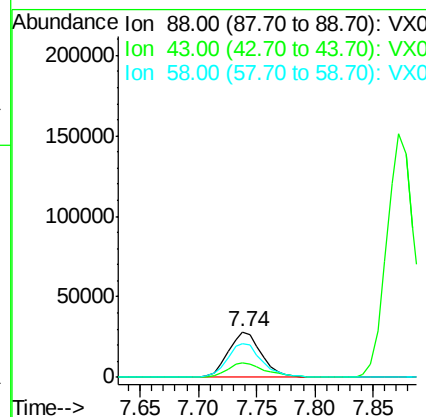
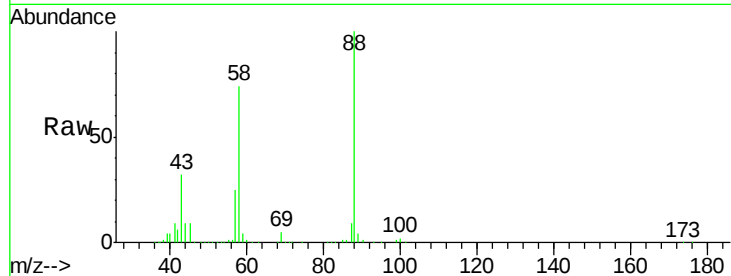
#49  
1,4-Dioxane  
Concen: 960.179 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 36.1  | 28.6  | 42.8  |
| 58      | 77.5  | 61.7  | 92.5  |

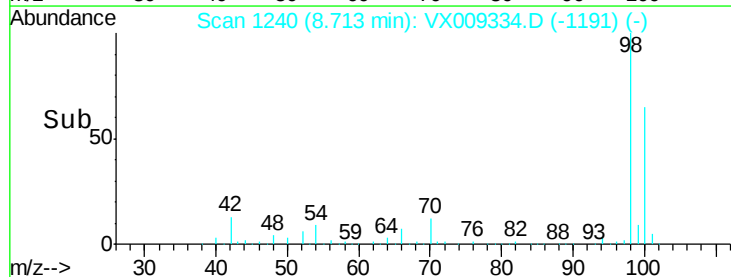
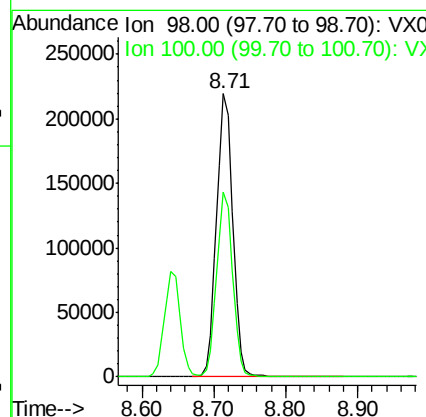
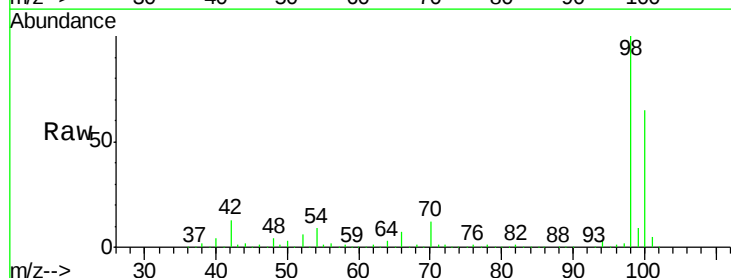
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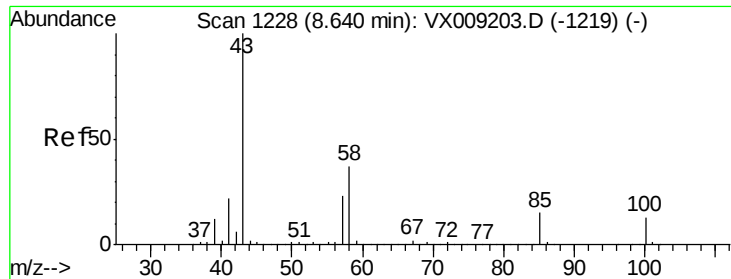
MMDadoda  
5/6/2019 9:25:06 AM



#50  
Toluene-d8  
Concen: 48.662 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.6  | 51.2  | 76.8  |





#51

4-Methyl-2-Pentanone

Concen: 272.955 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW113-190430MS

Tot Ion: 43 Resp: 1030267

Ion Ratio Lower Upper

43 100

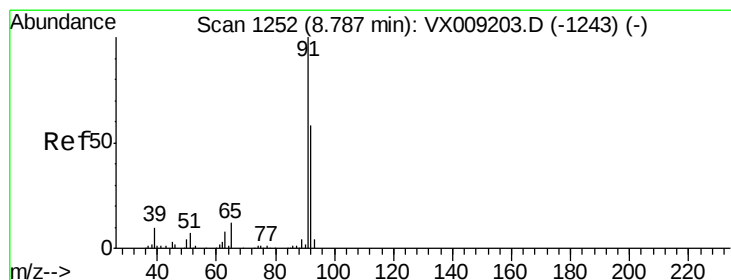
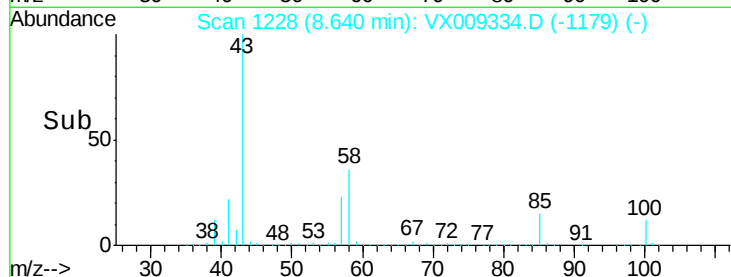
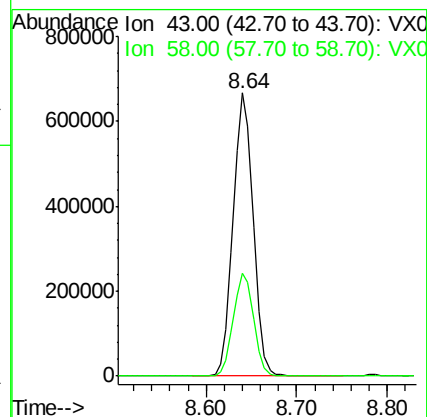
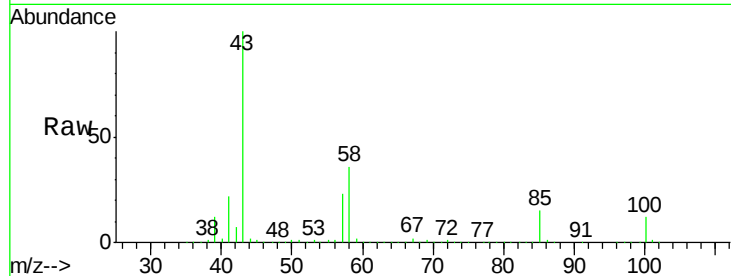
58 36.6 29.5 44.3

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#52

Toluene

Concen: 47.993 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009334.D

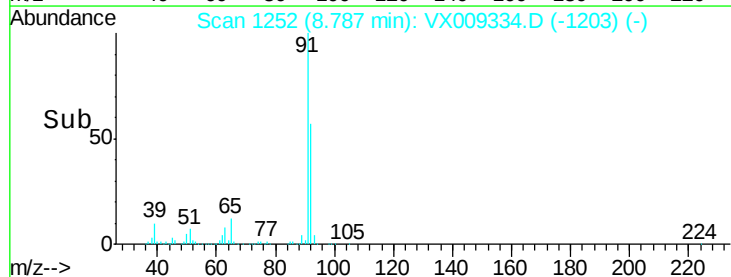
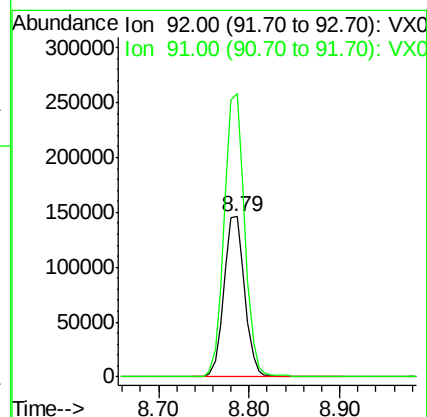
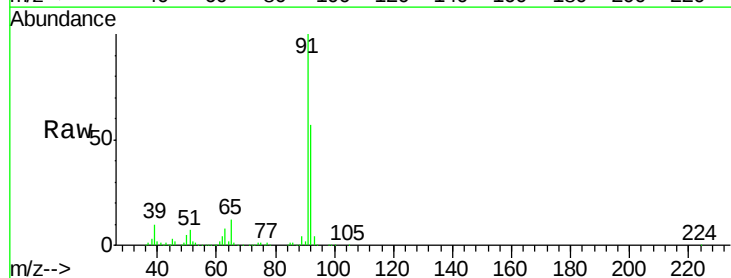
Acq: 04 May 2019 00:50

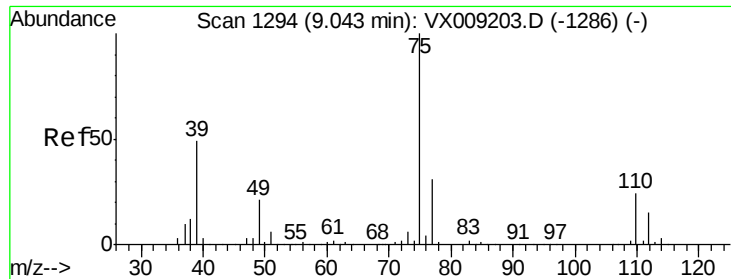
Tgt Ion: 92 Resp: 233946

Ion Ratio Lower Upper

92 100

91 174.5 138.8 208.2





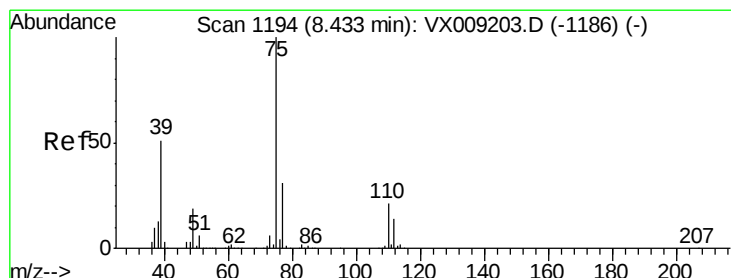
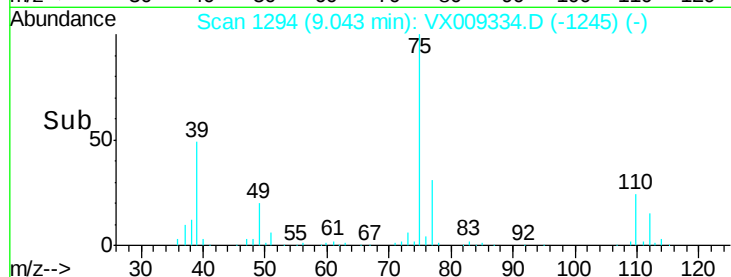
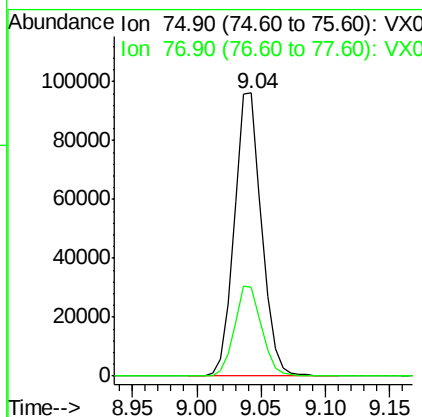
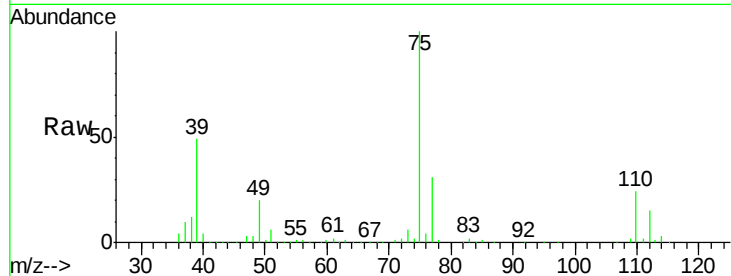
#53  
t-1,3-Dichloropropene  
Concen: 47.538 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.5  | 25.0  | 37.6  |

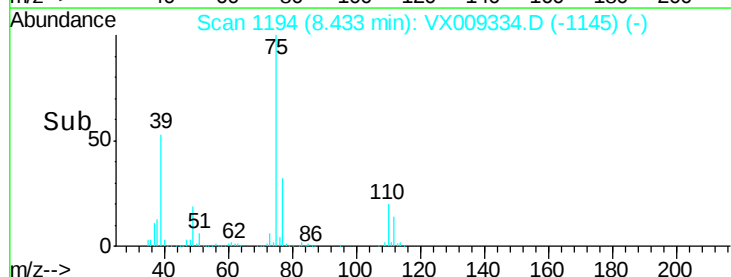
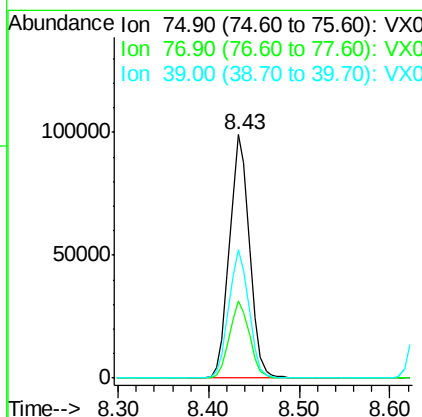
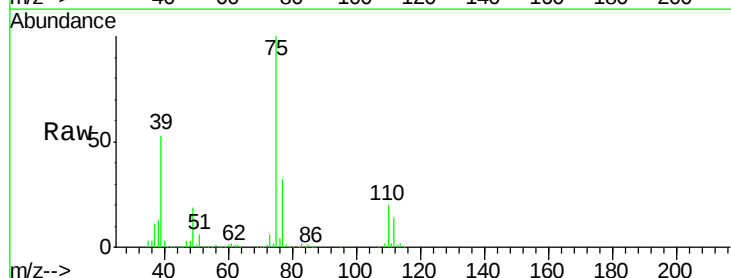
Manual Integrations  
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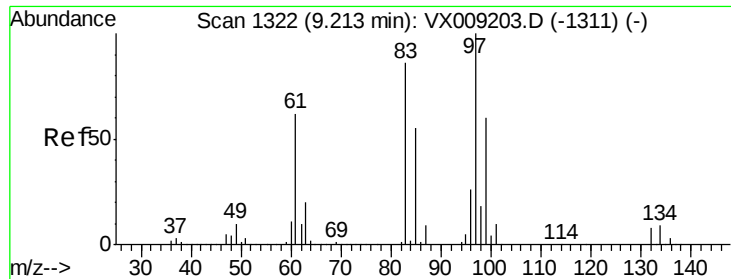
MMDadoda  
5/6/2019 9:25:06 AM



#54  
cis-1,3-Dichloropropene  
Concen: 46.350 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.5  | 24.6  | 36.8  |
| 39      | 52.6  | 40.6  | 60.8  |





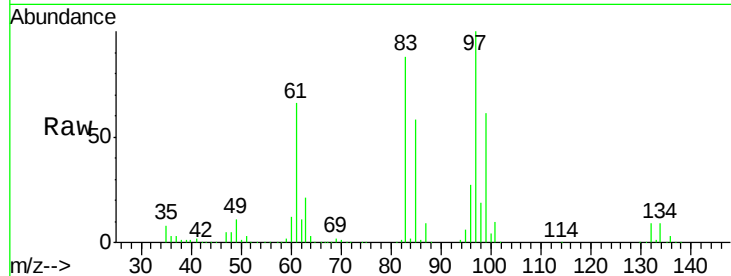
#55  
 1,1,2-Trichloroethane  
 Concen: 47.684 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW113-190430MS

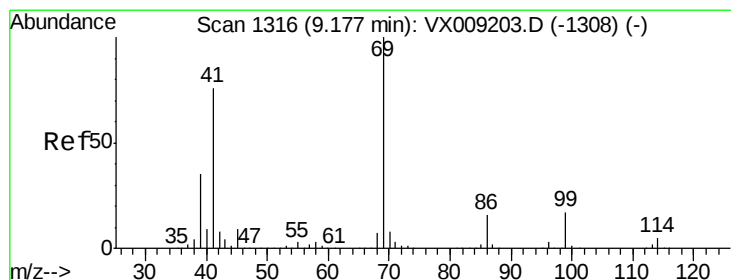
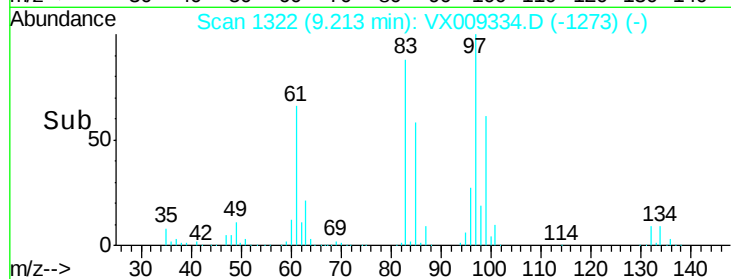
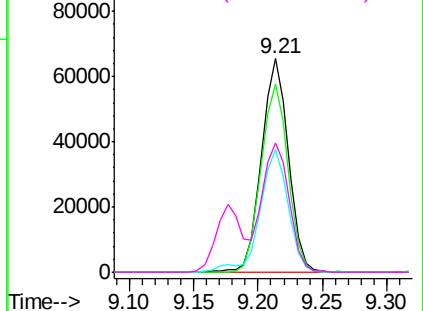
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 94830 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.0  | 68.9  | 103.3 |
| 85       | 57.8  | 43.8  | 65.6  |
| 99       | 60.8  | 48.2  | 72.2  |

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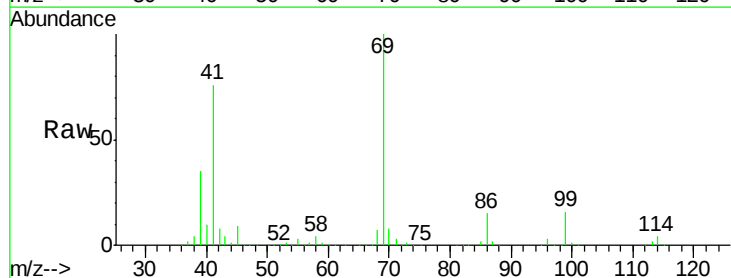


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

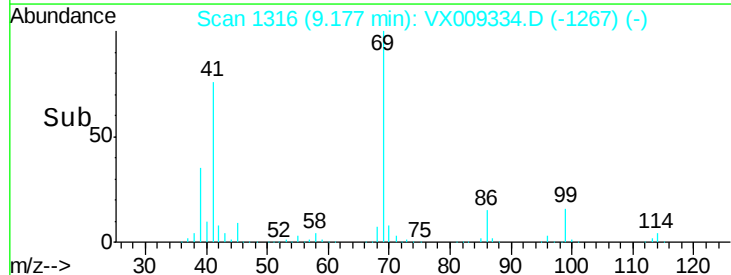
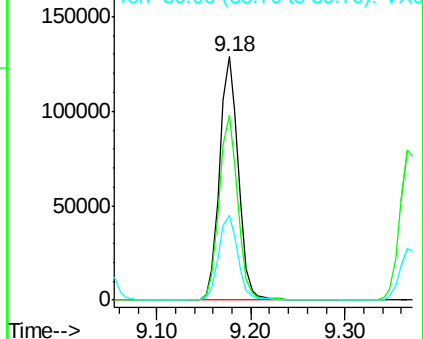


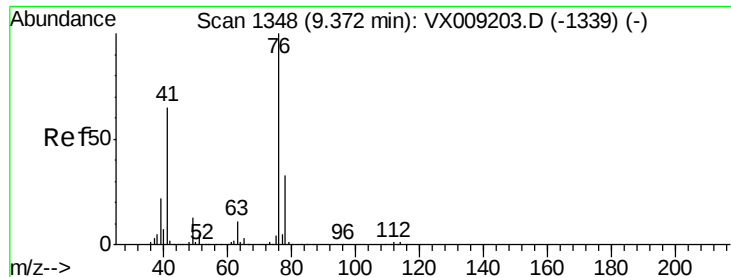
#56  
 Ethyl methacrylate  
 Concen: 50.158 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 178059 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 75.3  | 60.6  | 90.8   |
| 39       | 35.3  | 28.2  | 42.4   |



Abundance Ion 69.00 (68.70 to 69.70): VX0  
 Ion 41.00 (40.70 to 41.70): VX0  
 Ion 39.00 (38.70 to 39.70): VX0





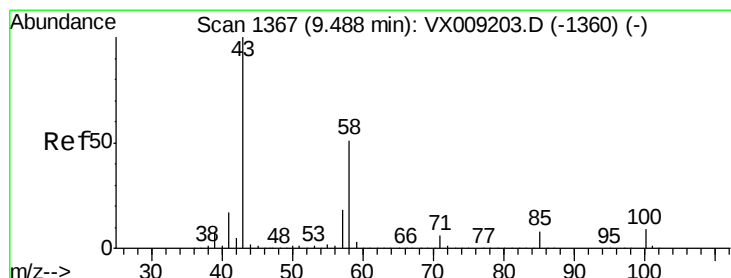
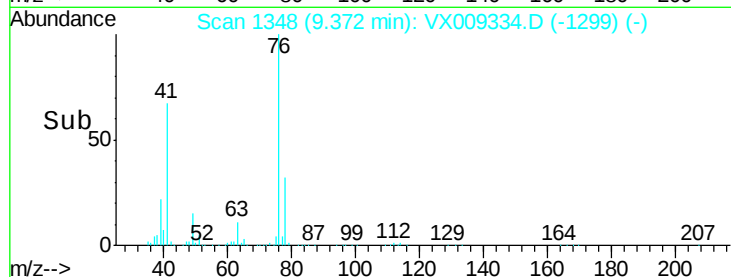
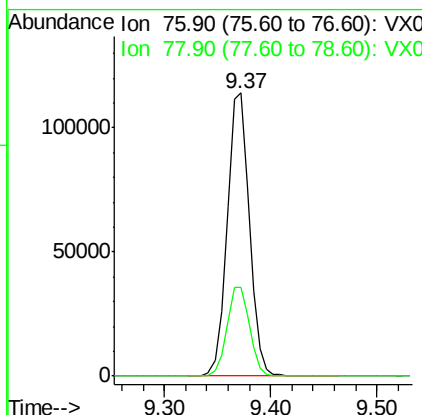
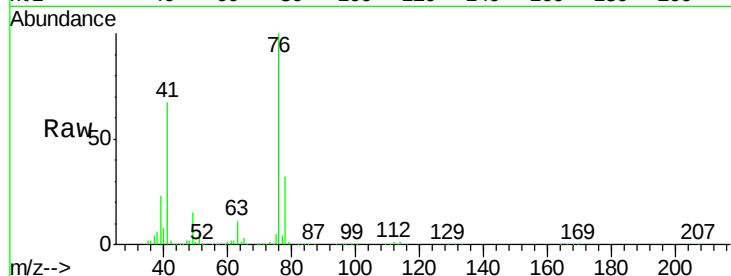
#57  
 1,3-Dichloropropane  
 Concen: 47.546 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW113-190430MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.3  | 25.5  | 38.3  |

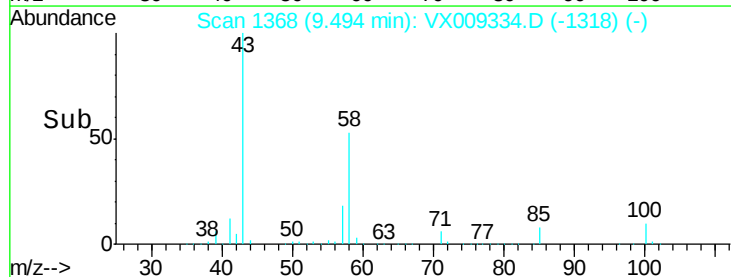
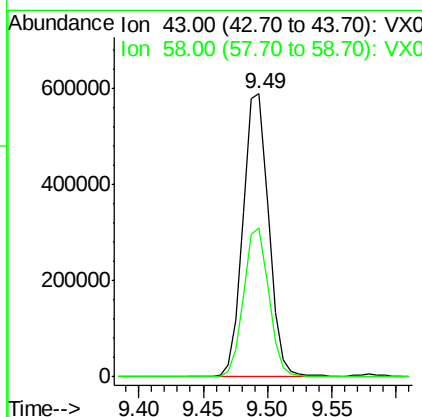
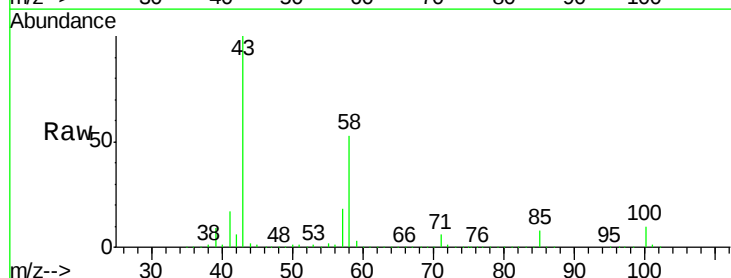
Manual Integrations  
 APPROVED

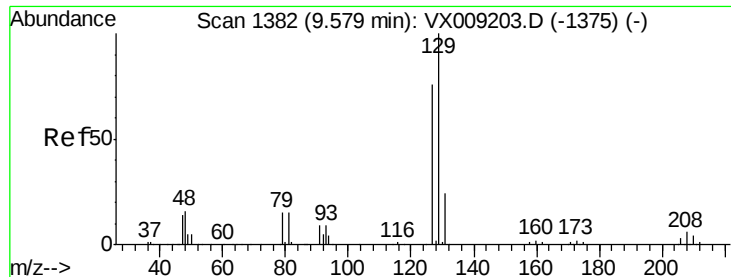
MMDadoda  
 5/6/2019 9:25:06 AM



#59  
 2-Hexanone  
 Concen: 273.163 ug/l  
 RT: 9.49 min Scan# 1368  
 Delta R.T. 0.01 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 51.8  | 25.9  | 77.7  |





#60

Dibromochloromethane

Concen: 48.654 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW113-190430MS

Tot Ion:129 Resp: 94502

Ion Ratio Lower Upper

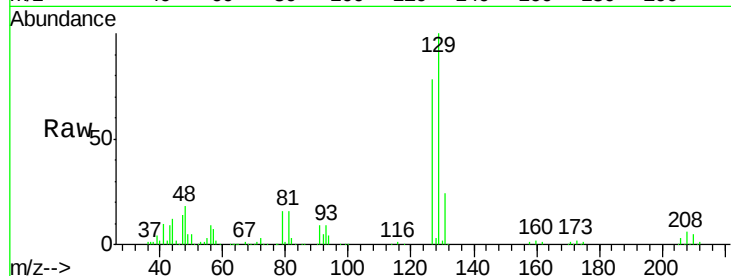
129 100

127 78.0 38.4 115.1

Manual Integrations  
APPROVED

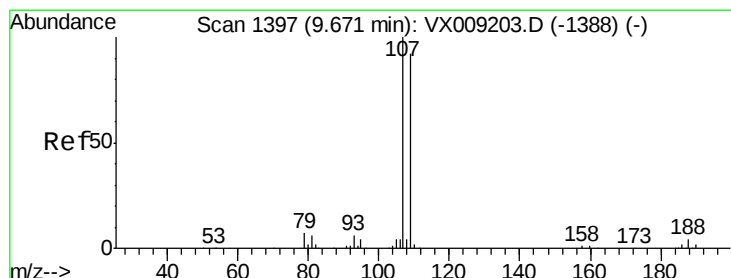
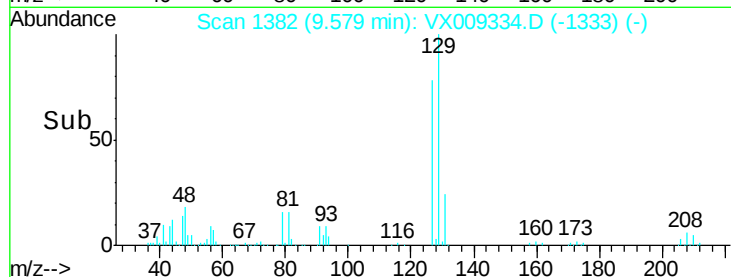
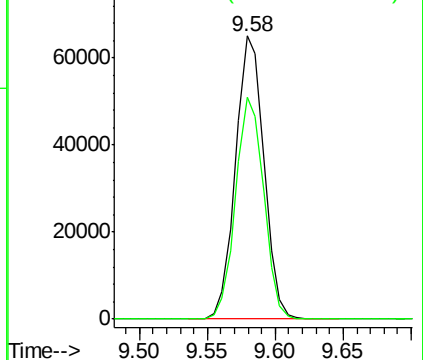
MMDadoda

5/6/2019 9:25:06 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 48.772 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009334.D

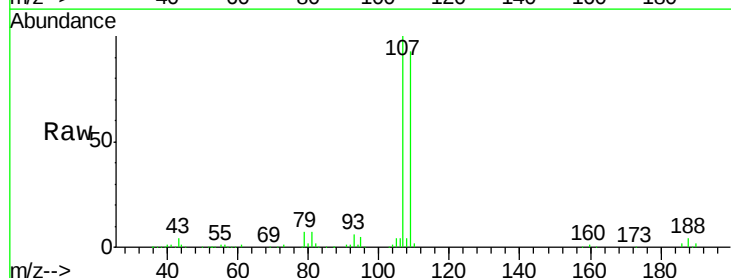
Acq: 04 May 2019 00:50

Tgt Ion:107 Resp: 97907

Ion Ratio Lower Upper

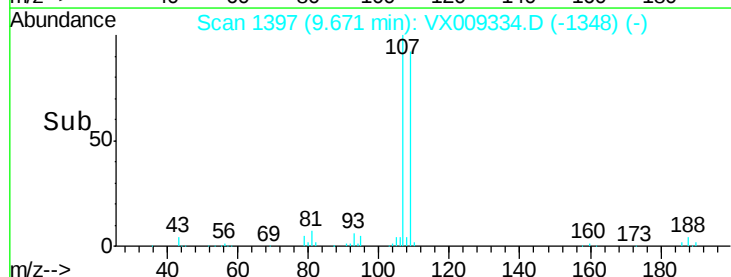
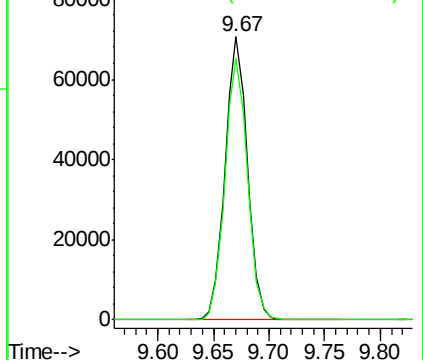
107 100

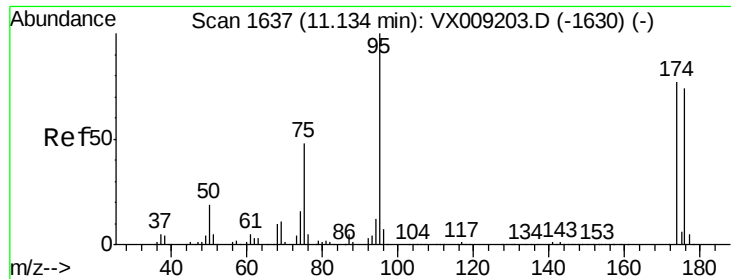
109 93.6 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.673 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

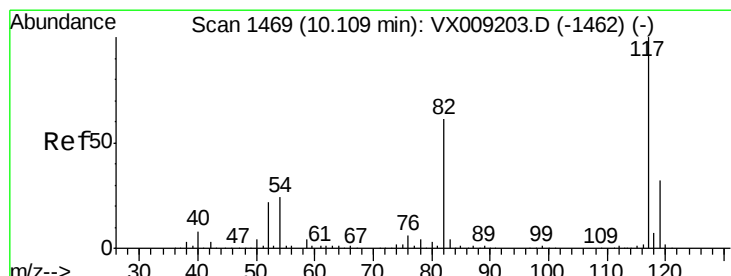
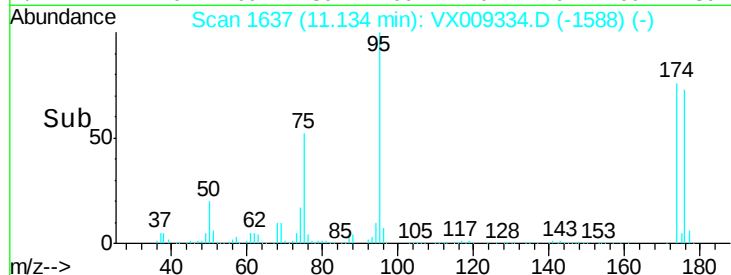
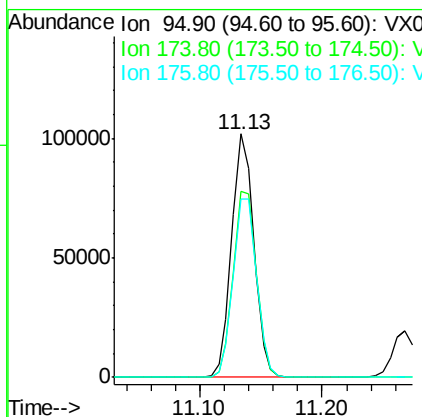
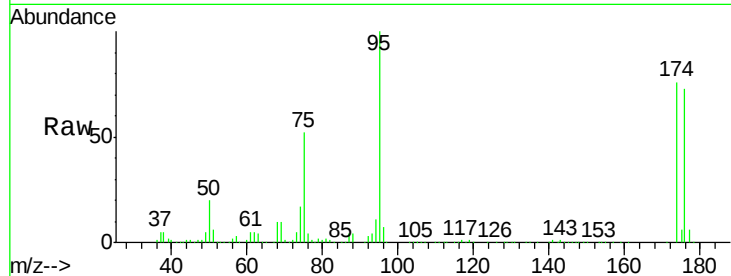
ClientSampleId :

SS050MW113-190430MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 95    | Resp: | 127726 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 79.9  | 0.0   | 161.6  |
| 176       | 78.1  | 0.0   | 159.2  |

Manual Integrations  
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MMDadoda  
5/6/2019 9:25:06 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

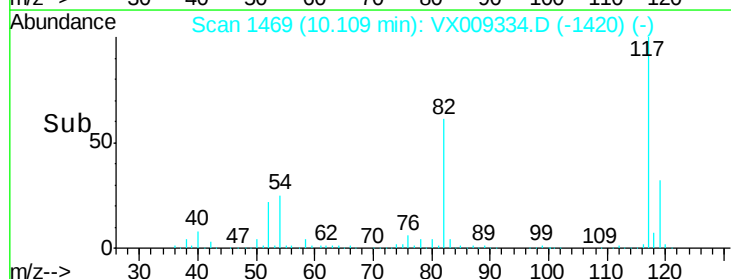
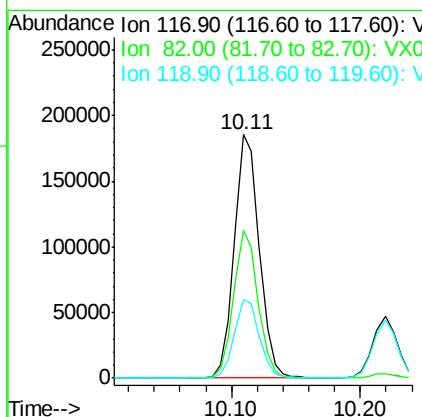
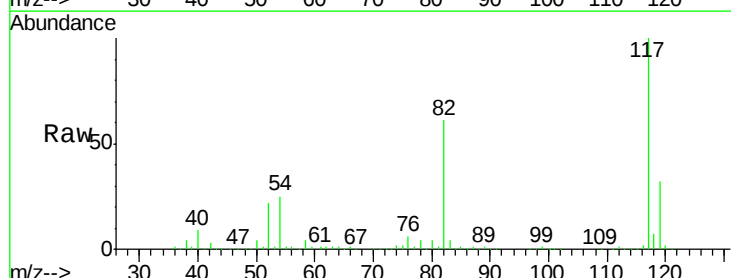
RT: 10.11 min Scan# 1469

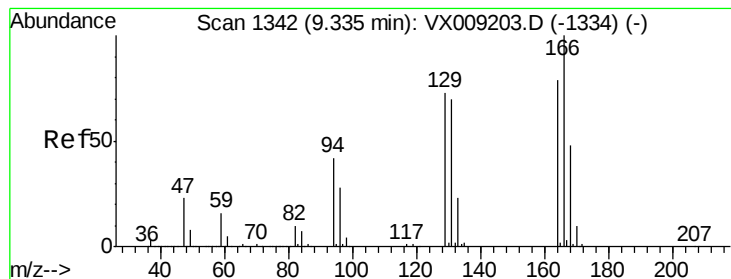
Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 251455 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 60.5  | 48.8  | 73.2   |
| 119       | 32.4  | 25.8  | 38.6   |





#64

Tetrachloroethene

Concen: 43.250 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW113-190430MS

Tot Ion:164 Resp: 74600

Ion Ratio Lower Upper

164 100

166 127.9 101.2 151.8

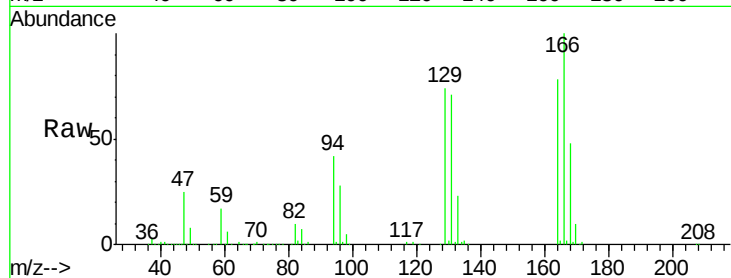
129 94.8 74.3 111.5

131 90.9 71.0 106.6

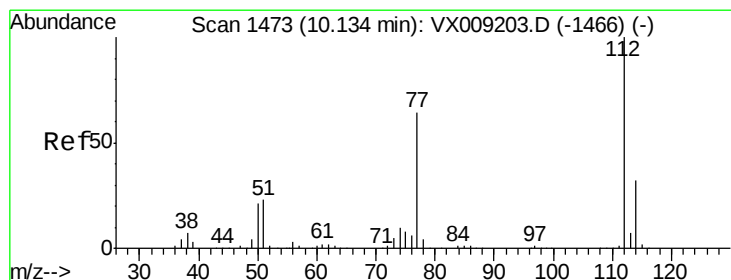
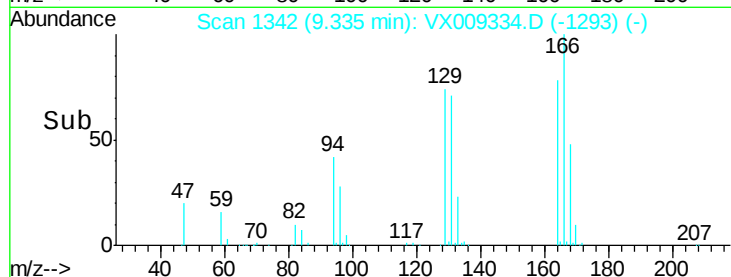
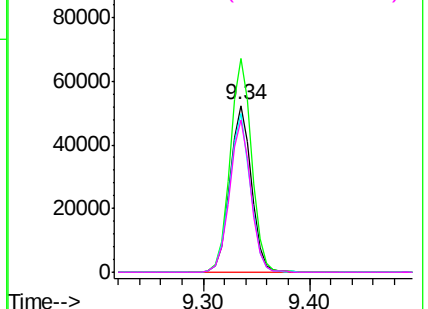
Manual Integrations  
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5/6/2019 9:25:06 AM



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.037 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX009334.D

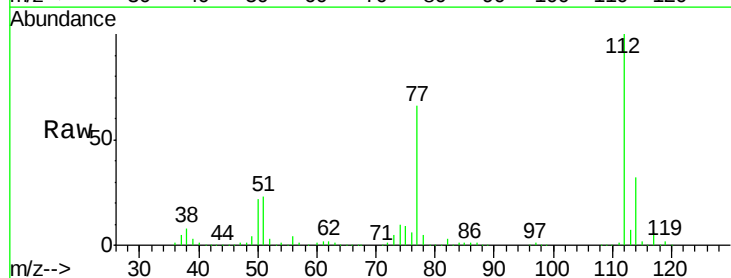
Acq: 04 May 2019 00:50

Tgt Ion:112 Resp: 236608

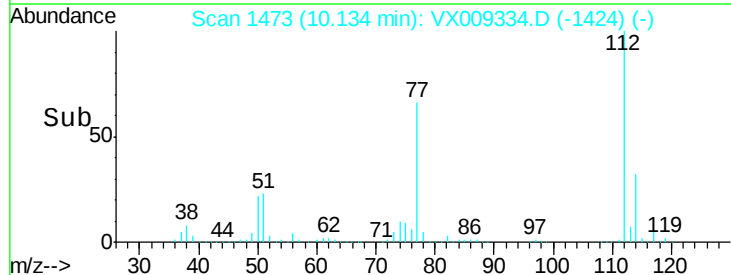
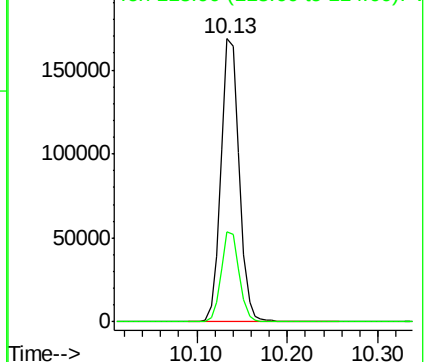
Ion Ratio Lower Upper

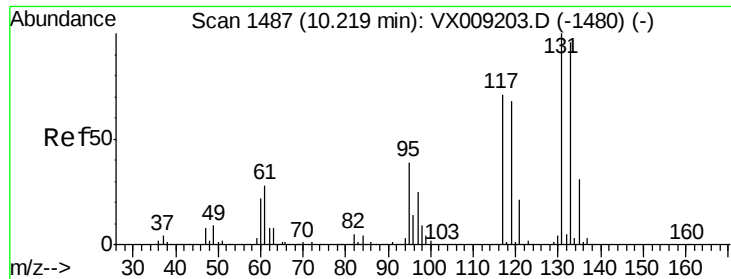
112 100

114 32.0 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): V





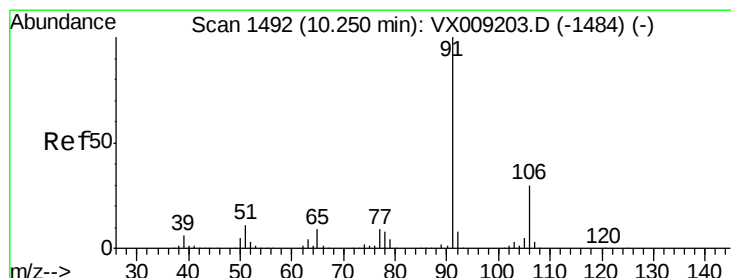
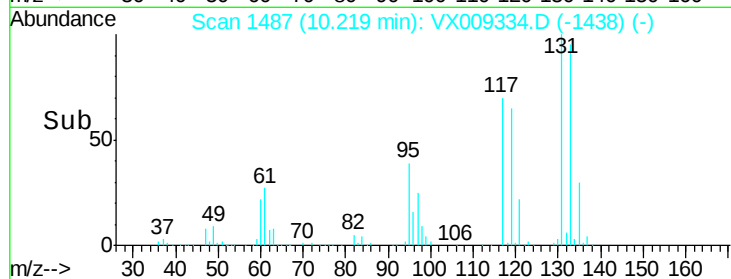
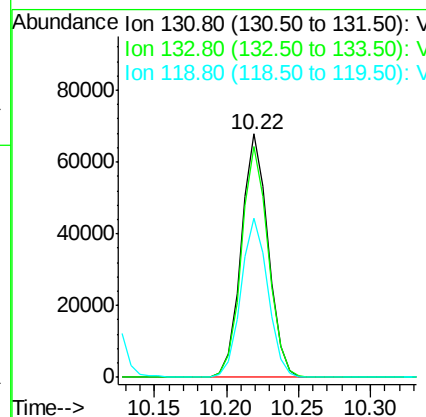
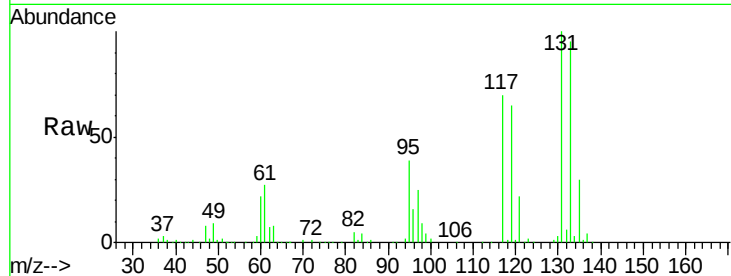
#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 48.186 ug/l  
 RT: 10.22 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW113-190430MS

Tot Ion:131 Resp: 87875  
 Ion Ratio Lower Upper  
 131 100  
 133 94.4 47.7 143.1  
 119 65.8 33.5 100.4

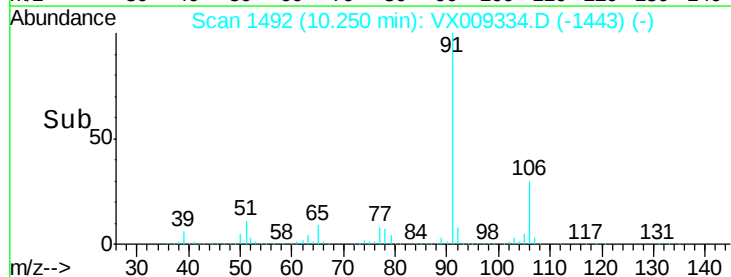
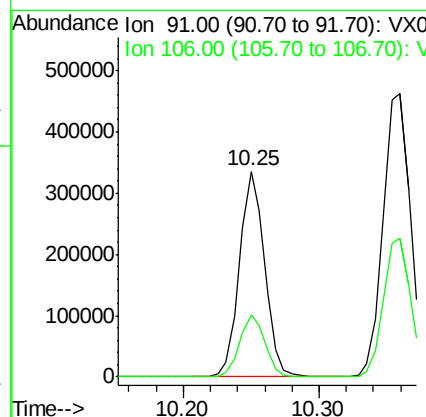
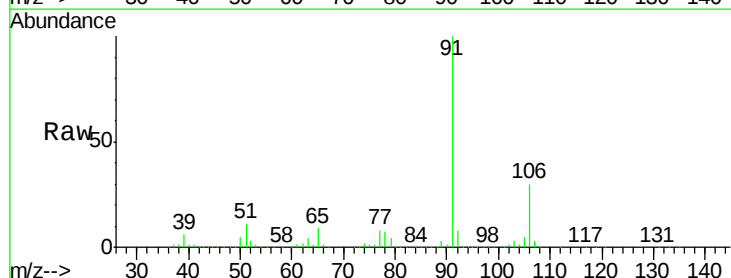
Manual Integrations  
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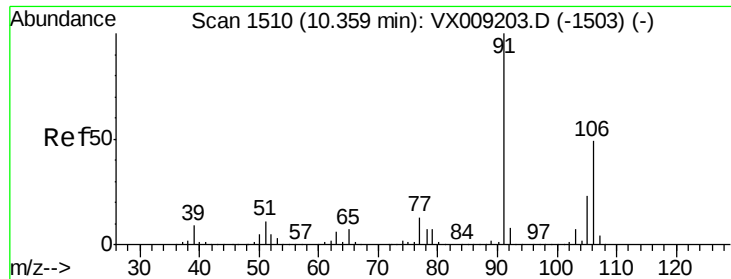
MMDadoda  
 5/6/2019 9:25:06 AM



#67  
 Ethyl Benzene  
 Concen: 46.654 ug/l  
 RT: 10.25 min Scan# 1492  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

Tgt Ion: 91 Resp: 431899  
 Ion Ratio Lower Upper  
 91 100  
 106 29.9 24.0 36.0





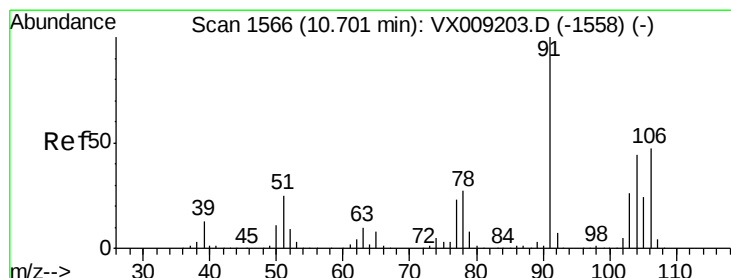
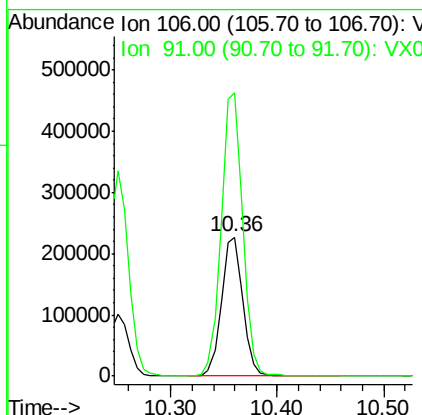
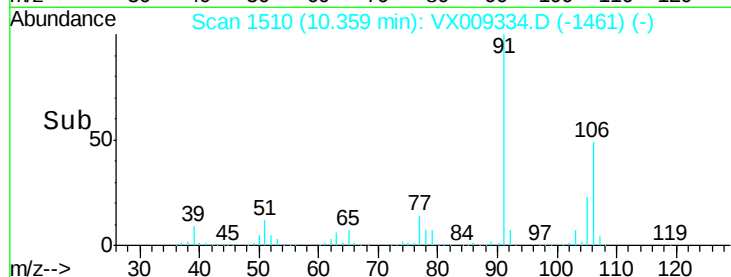
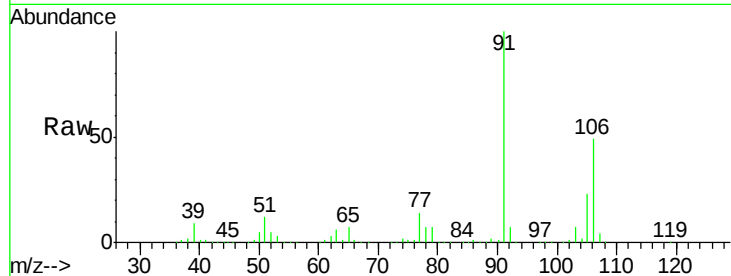
#68  
m/p-Xylenes  
Concen: 93.518 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

Tot Ion:106 Resp: 316370  
Ion Ratio Lower Upper  
106 100  
91 206.3 164.0 246.0

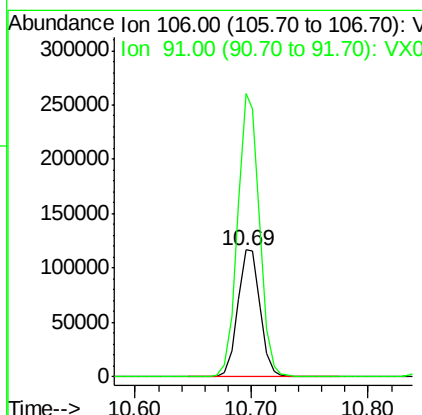
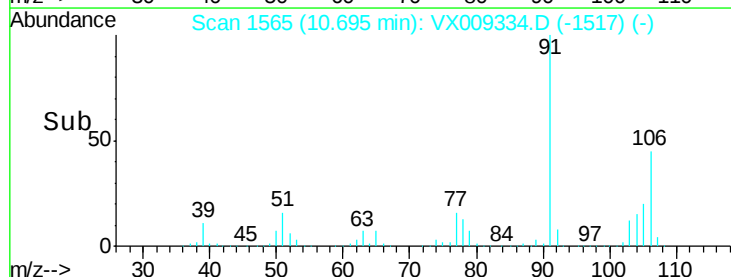
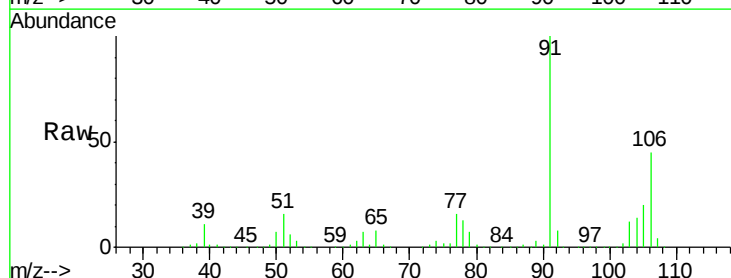
Manual Integrations  
APPROVED

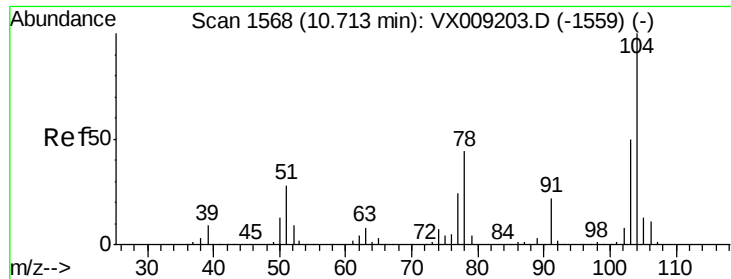
MMDadoda  
5/6/2019 9:25:06 AM



#69  
o-Xylene  
Concen: 46.738 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Tgt Ion:106 Resp: 156002  
Ion Ratio Lower Upper  
106 100  
91 217.8 109.5 328.4





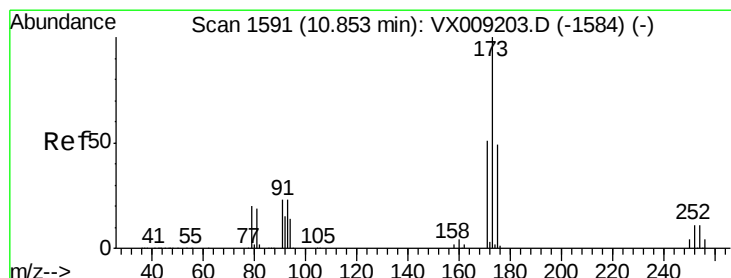
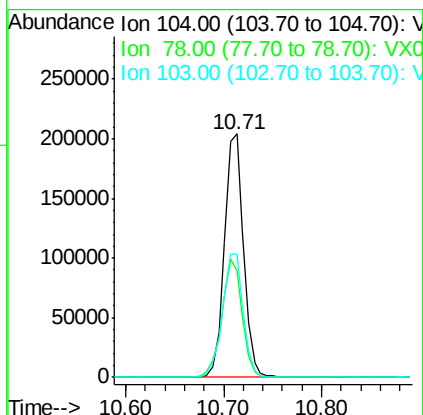
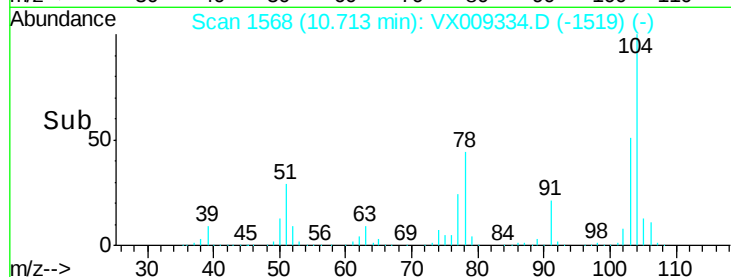
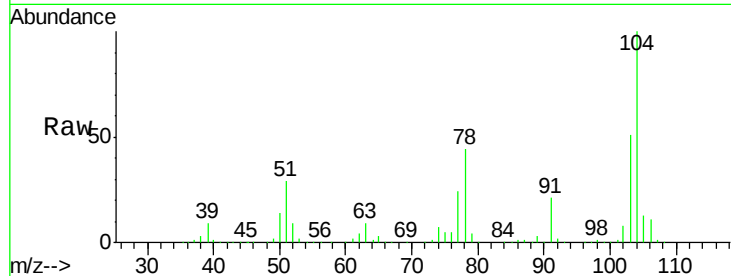
#70  
Stvrene  
Concen: 47.549 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 275851 |       |       |
| 78      | 51.5  | 41.0   | 61.4  |       |
| 103     | 55.5  | 43.8   | 65.6  |       |

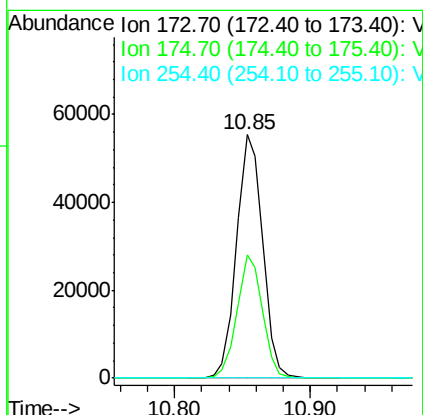
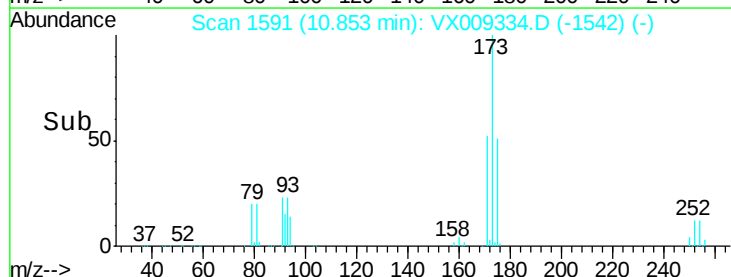
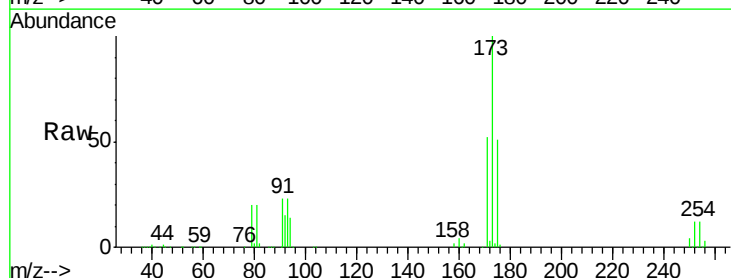
Manual Integrations  
APPROVED

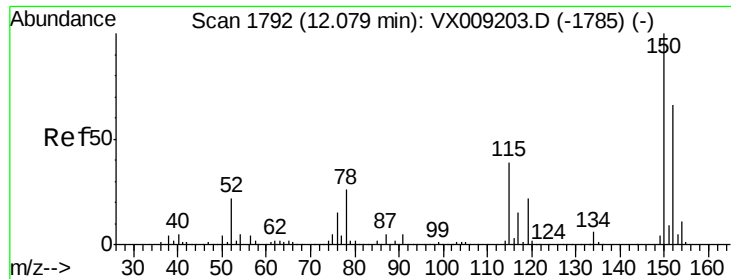
MMDadoda  
5/6/2019 9:25:06 AM



#71  
Bromoform  
Concen: 49.855 ug/l  
RT: 10.85 min Scan# 1591  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 173     | 100   | 73886 |       |       |
| 175     | 49.2  | 24.5  | 73.5  |       |
| 254     | 0.2   | 0.1   | 0.1#  |       |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

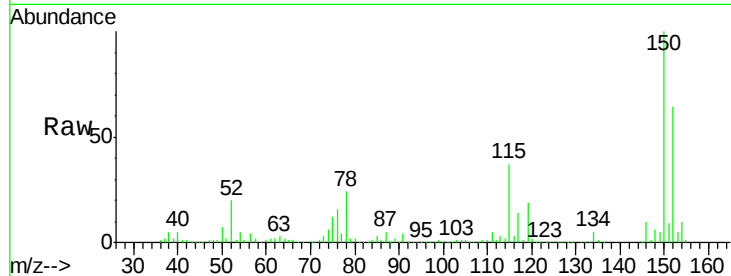
ClientSampleId :

SS050MW113-190430MS

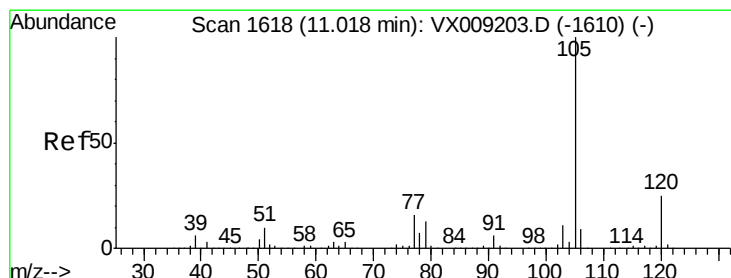
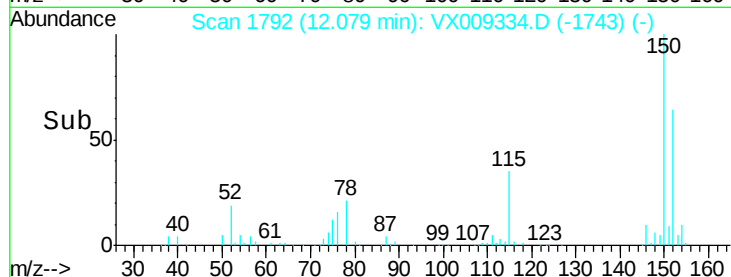
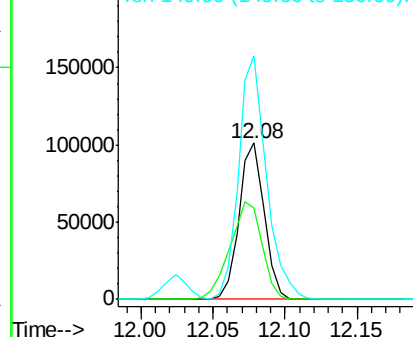
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 123652 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 79.5  | 41.2  | 123.6  |
| 150       | 172.1 | 0.0   | 346.4  |

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



#73

Isopropylbenzene

Concen: 45.890 ug/l

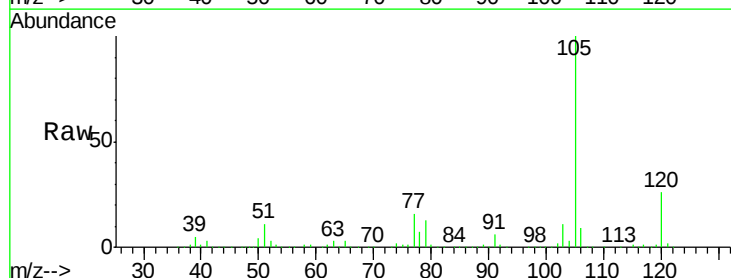
RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

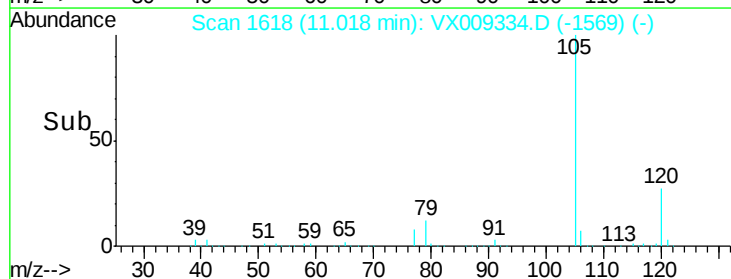
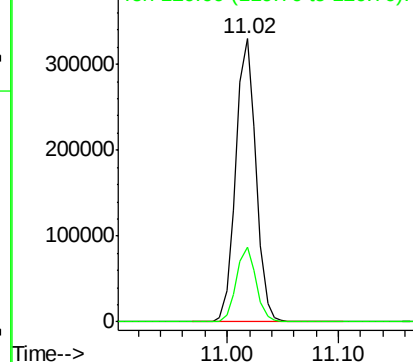
Lab File: VX009334.D

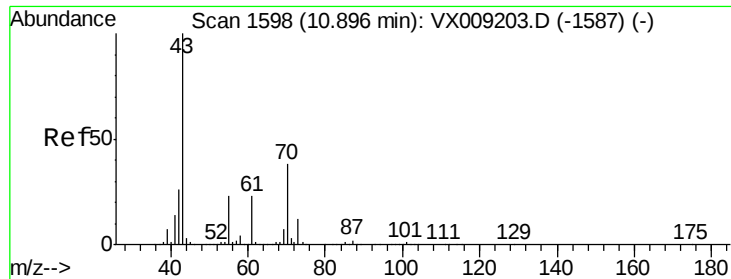
Acq: 04 May 2019 00:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 412639 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 25.9  | 12.8  | 38.3   |



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





#74

N-amvl acetate

Concen: 50.463 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

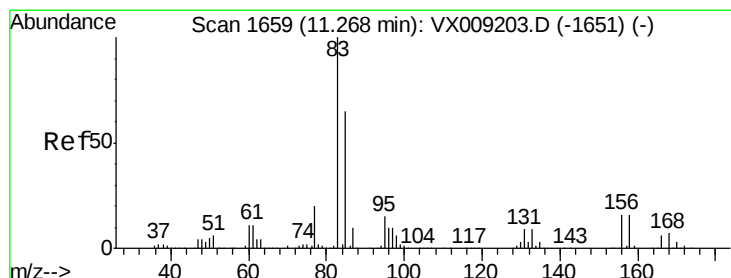
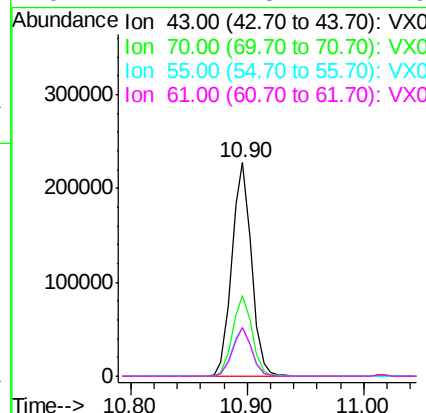
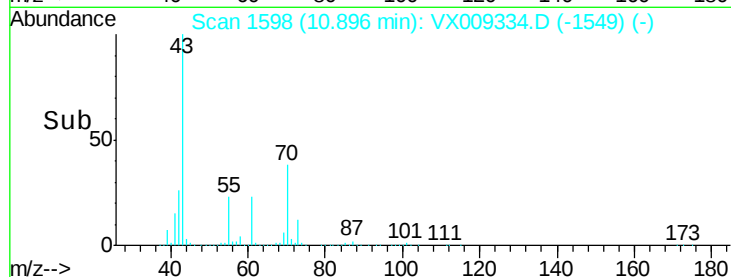
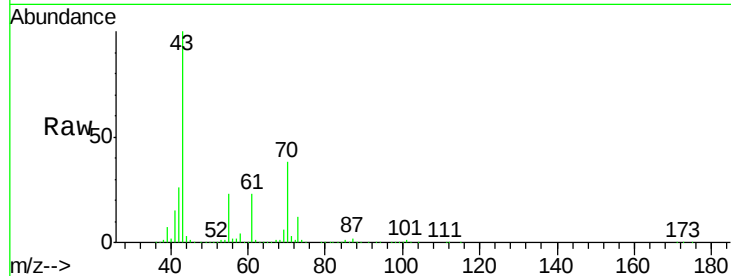
ClientSampleId :

SS050MW113-190430MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 43      | 100  |       | 264544 |       |       |
| 70      | 38.0 | 30.0  | 45.0   |       |       |
| 55      | 22.9 | 17.9  | 26.9   |       |       |
| 61      | 22.1 | 18.4  | 27.6   |       |       |

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.308 ug/l

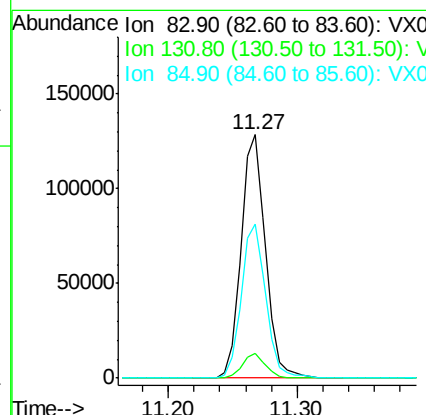
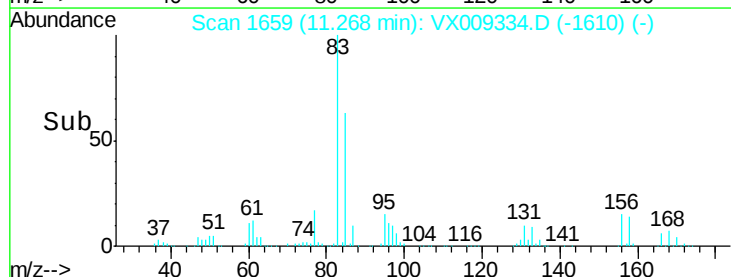
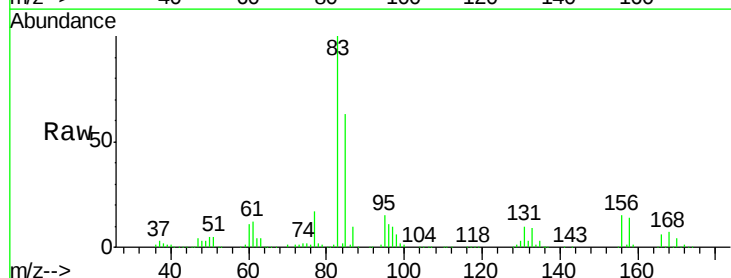
RT: 11.27 min Scan# 1659

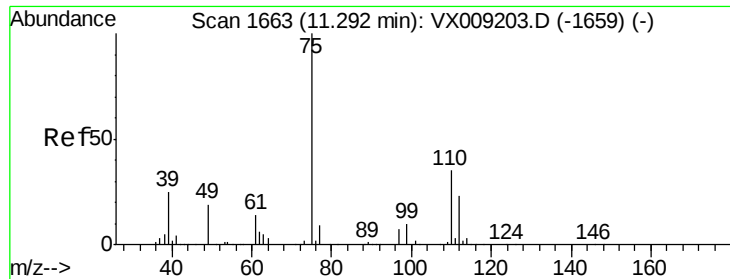
Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 83      | 100  |       | 168635 |       |       |
| 131     | 9.7  | 4.6   | 13.8   |       |       |
| 85      | 63.4 | 32.0  | 96.2   |       |       |





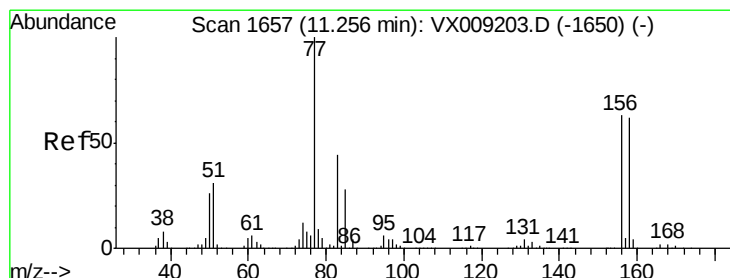
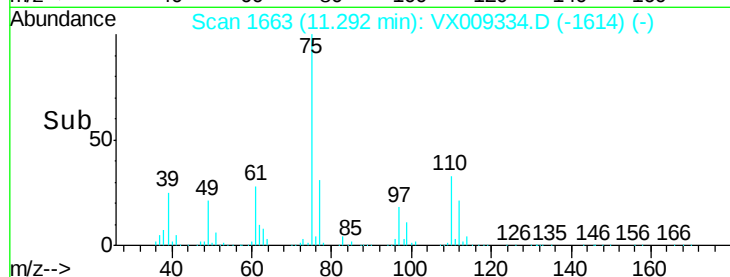
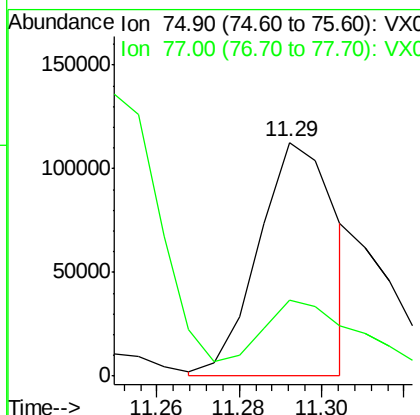
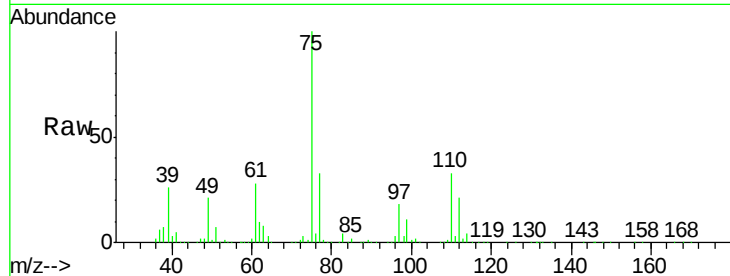
#76  
 1,2,3-Trichloropropane  
 Concen: 50.954 ug/l m  
 RT: 11.29 min Scan# 1663  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW113-190430MS

Tot Ion: 75 Resp: 146149  
 Ion Ratio Lower Upper  
 75 100  
 77 43.2 22.1 66.1

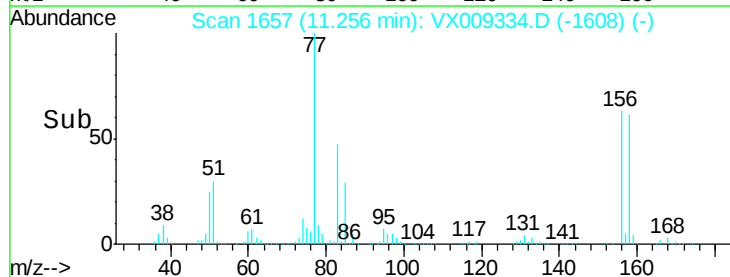
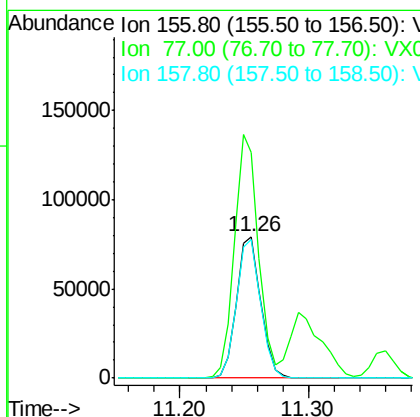
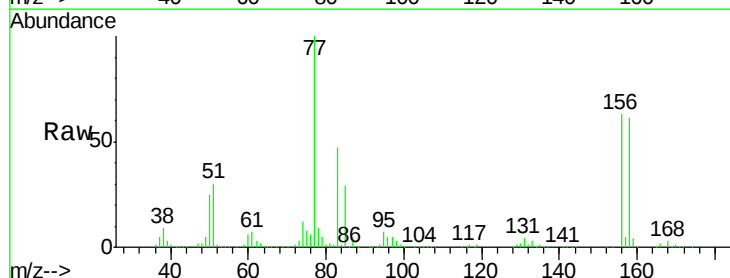
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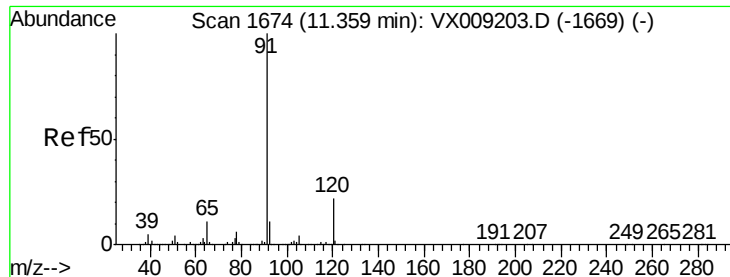
MMDadoda  
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#77  
 Bromobenzene  
 Concen: 46.631 ug/l  
 RT: 11.26 min Scan# 1657  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

Tgt Ion: 156 Resp: 104072  
 Ion Ratio Lower Upper  
 156 100  
 77 169.7 84.8 254.3  
 158 97.4 49.1 147.3





#78

n-propylbenzene

Concen: 45.758 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW113-190430MS

Tot Ion: 91 Resp: 469893

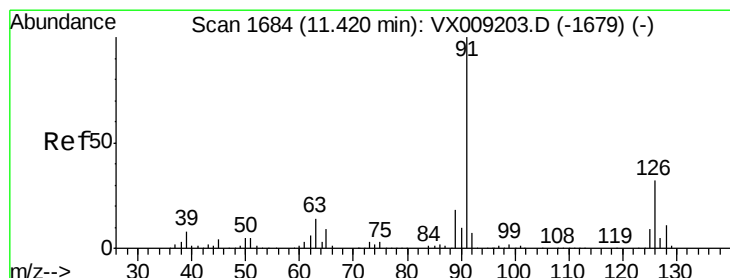
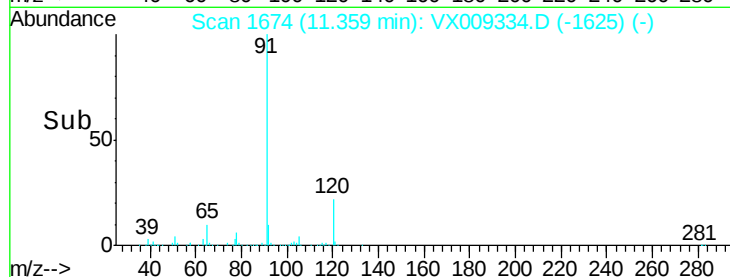
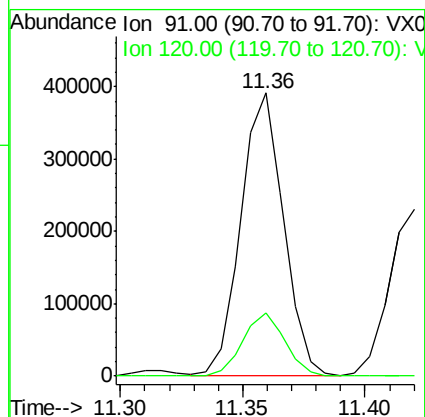
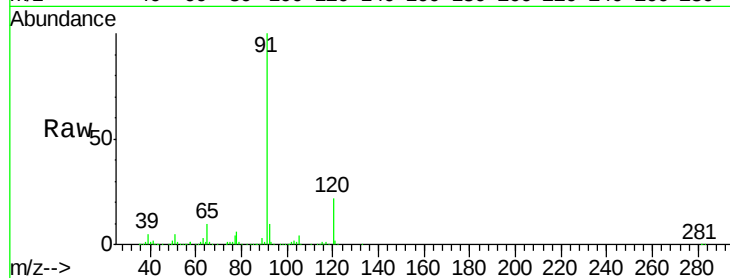
Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0

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#79

2-Chlorotoluene

Concen: 45.059 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009334.D

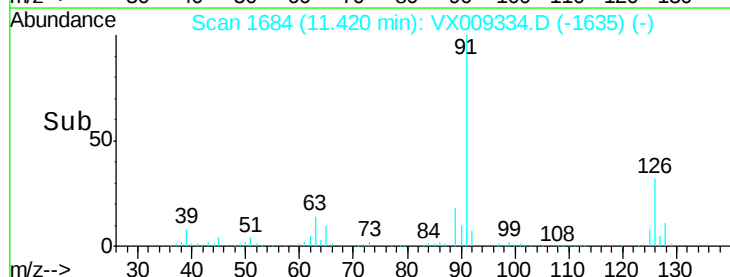
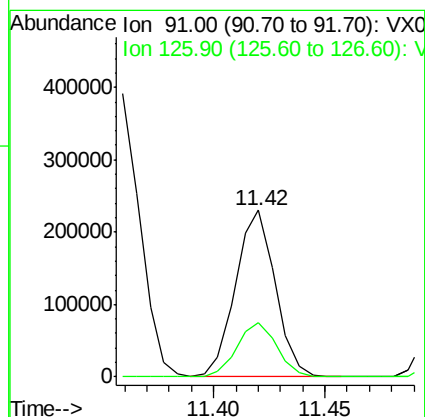
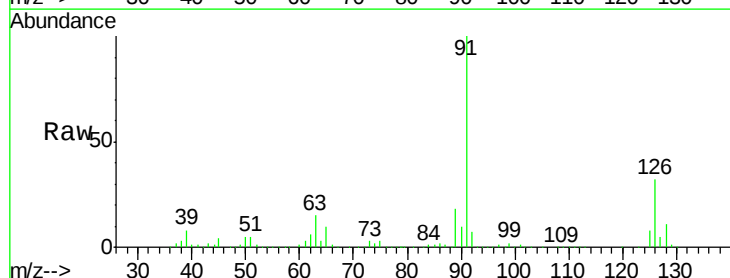
Acq: 04 May 2019 00:50

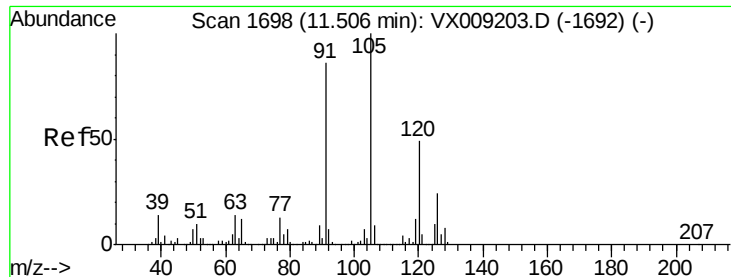
Tgt Ion: 91 Resp: 285473

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9





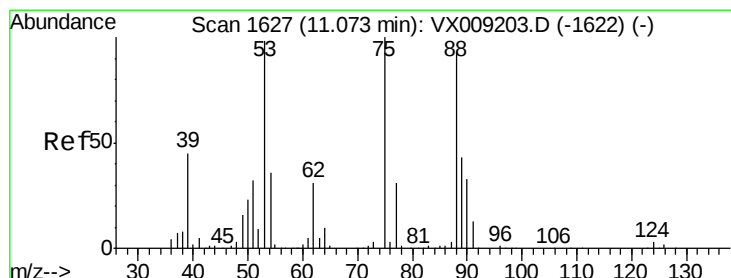
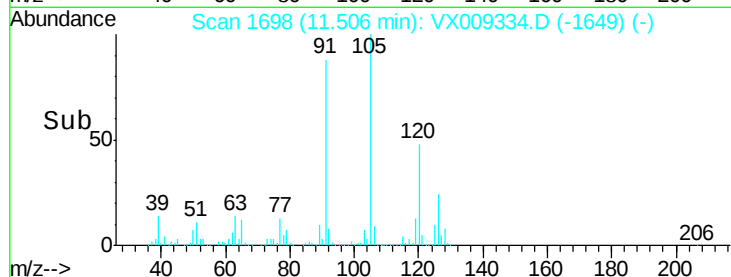
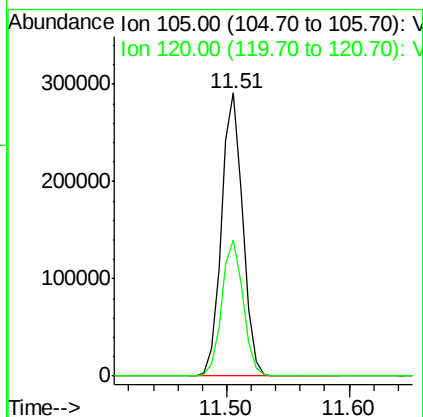
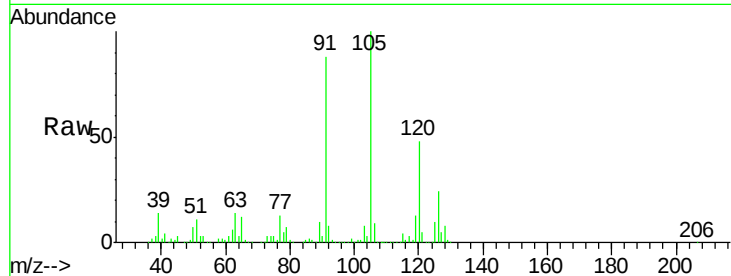
#80  
 1,3,5-Trimethylbenzene  
 Concen: 46.350 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW113-190430MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 48.1  | 24.3  | 72.9  |

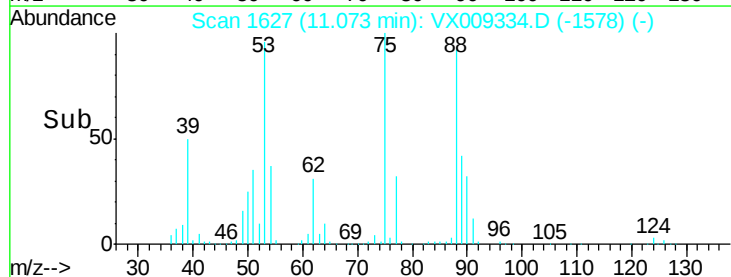
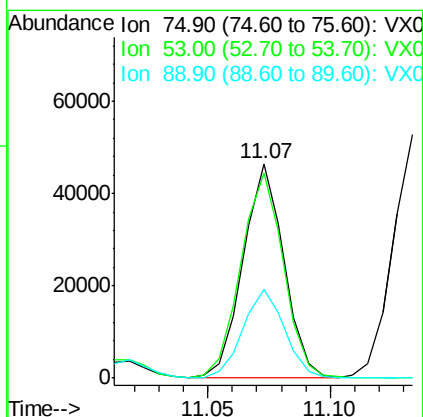
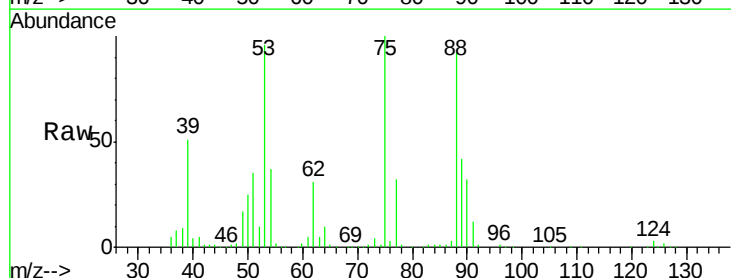
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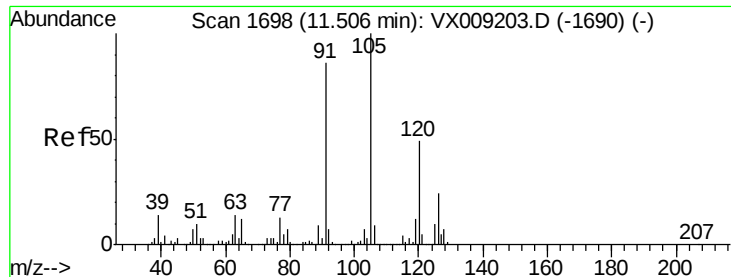
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#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 47.679 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 101.6 | 79.0  | 118.6 |
| 89      | 42.5  | 34.7  | 52.1  |





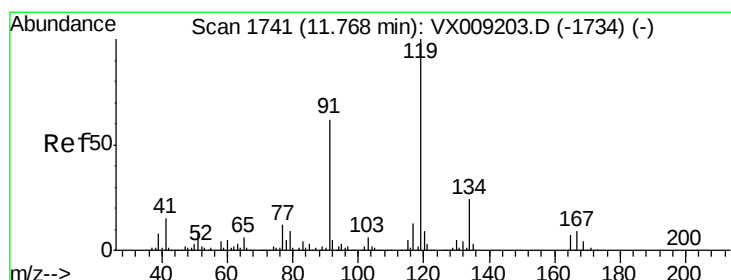
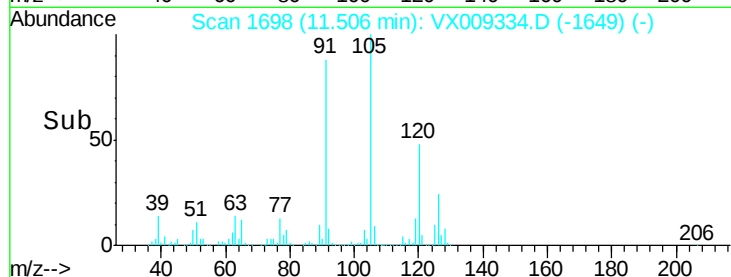
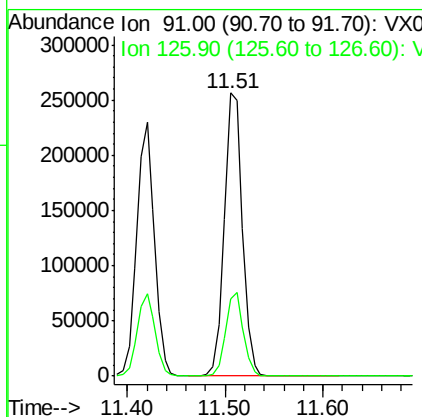
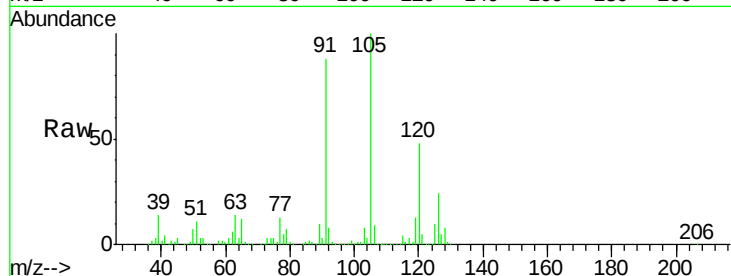
#82  
4-Chlorotoluene  
Concen: 45.852 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 28.6  | 14.5  | 43.6  |

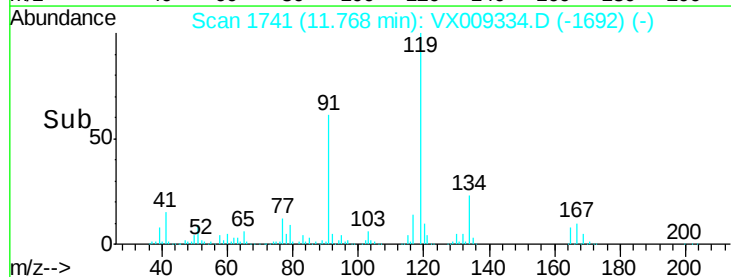
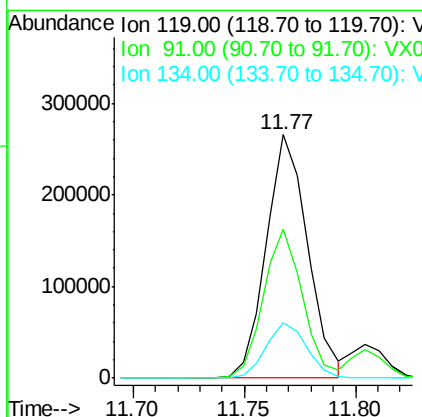
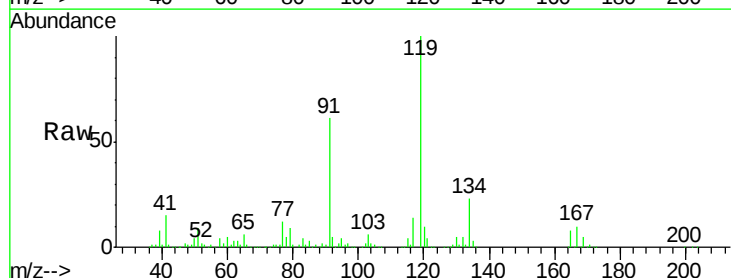
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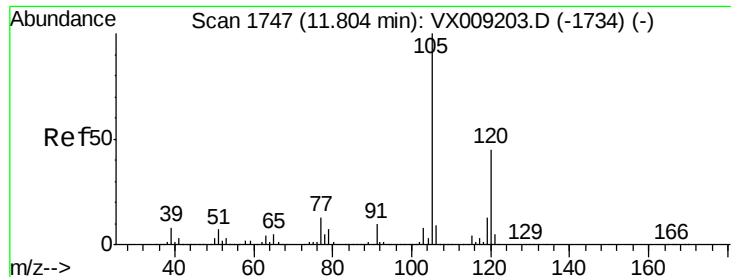
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5/6/2019 9:25:06 AM



#83  
tert-Butylbenzene  
Concen: 46.517 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 57.9  | 29.5  | 88.5  |
| 134     | 22.4  | 11.4  | 34.1  |





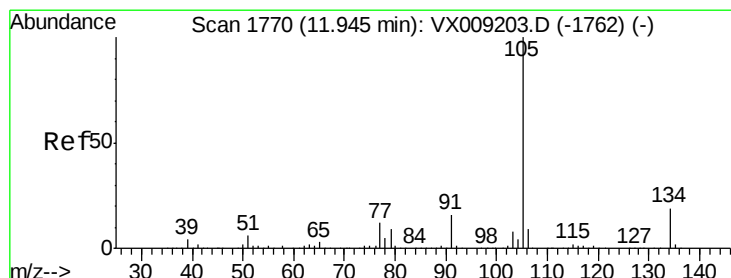
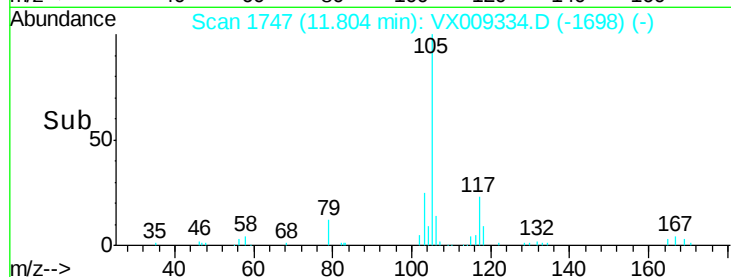
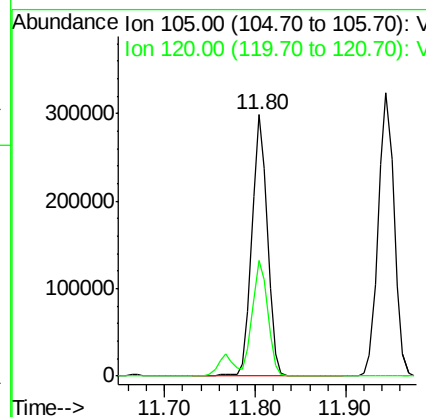
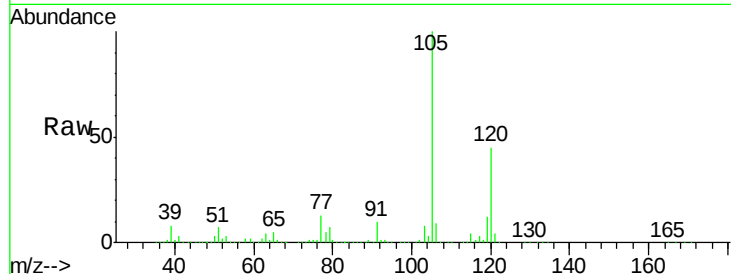
#84  
 1,2,4-Trimethylbenzene  
 Concen: 46.707 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW113-190430MS

Tot Ion:105 Resp: 354953  
 Ion Ratio Lower Upper  
 105 100  
 120 43.7 22.0 66.0

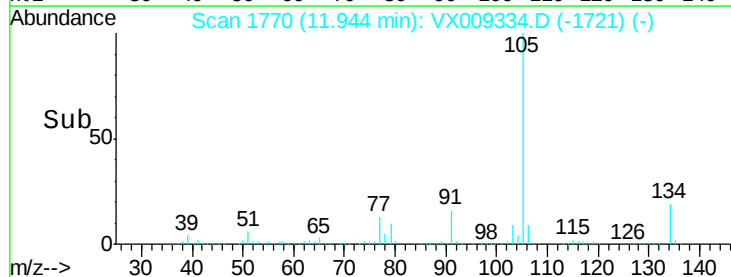
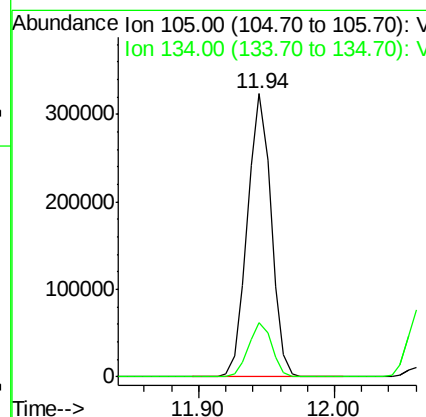
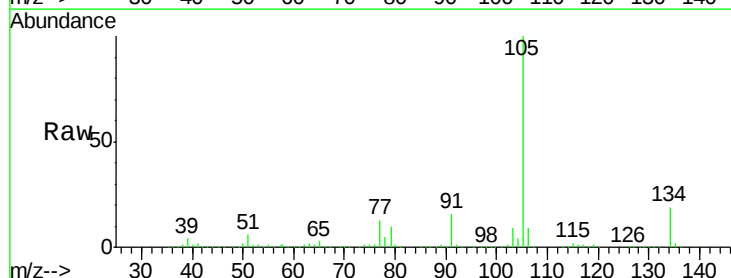
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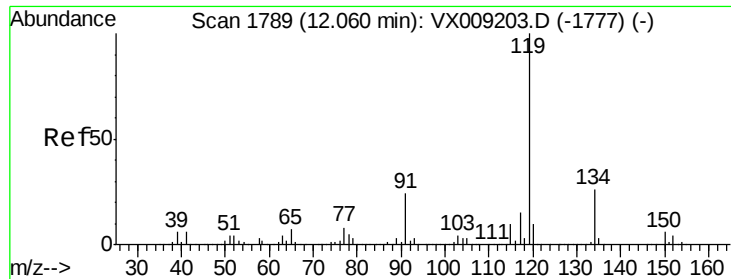
MMDadoda  
 5/6/2019 9:25:06 AM



#85  
 sec-Butylbenzene  
 Concen: 45.113 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

Tgt Ion:105 Resp: 393929  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 9.7 28.9





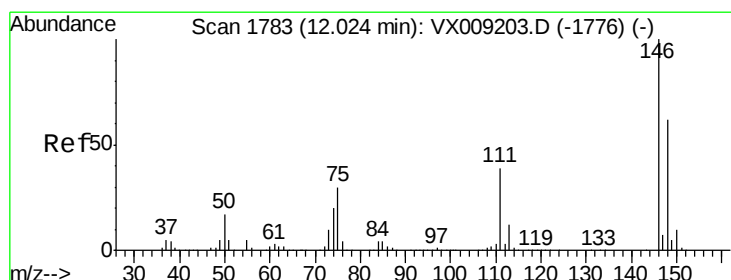
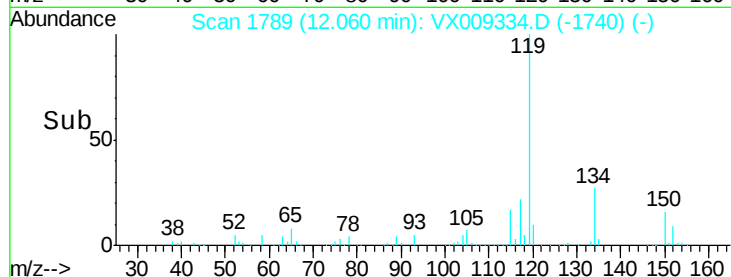
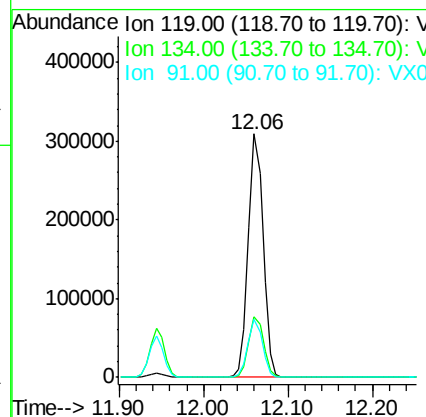
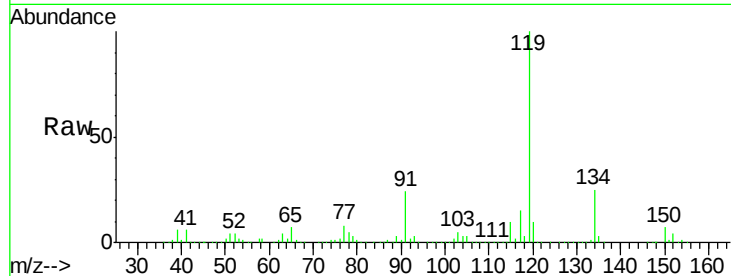
#86  
 p-Isopropyltoluene  
 Concen: 46.219 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW113-190430MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 362819 |       |       |
| 134     | 25.4  | 12.9   | 38.7  |       |
| 91      | 23.3  | 11.8   | 35.4  |       |

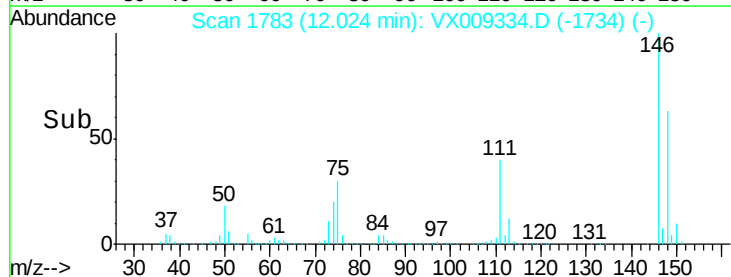
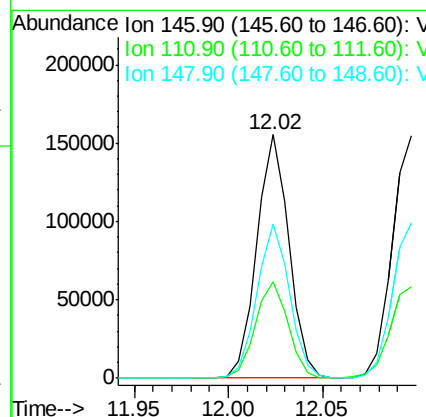
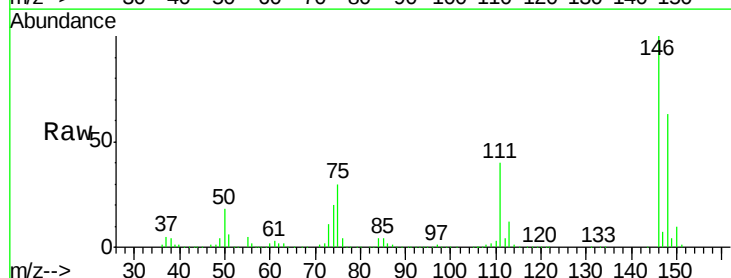
Manual Integrations  
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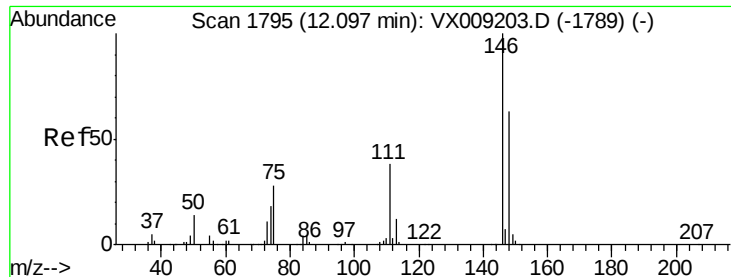
MMDadoda  
 5/6/2019 9:25:06 AM



#87  
 1,3-Dichlorobenzene  
 Concen: 46.138 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 183565 |       |       |
| 111     | 40.3  | 20.0   | 59.9  |       |
| 148     | 63.9  | 31.8   | 95.3  |       |





#88

1,4-Dichlorobenzene

Concen: 46.253 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

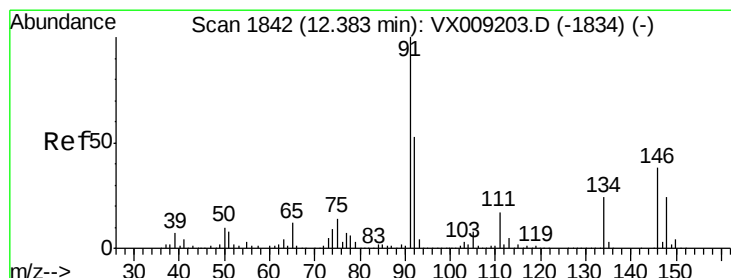
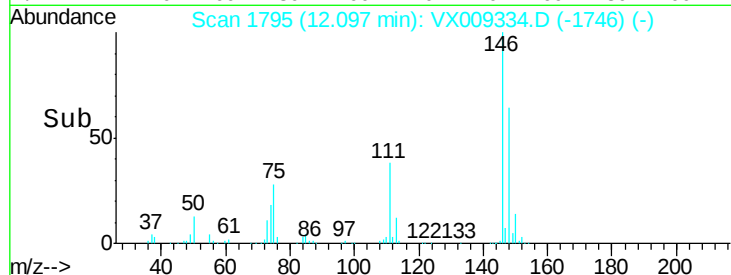
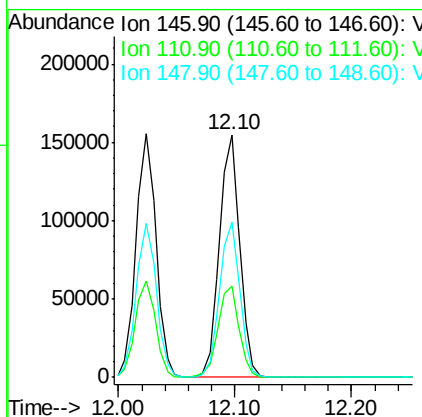
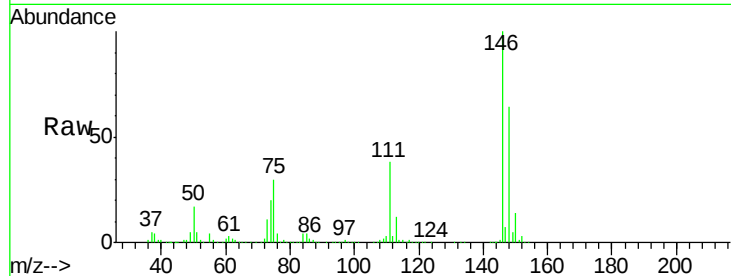
ClientSampleId :

SS050MW113-190430MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 146  | Resp: | 185528 |
| Ion Ratio |      | Lower | Upper  |
| 146       | 100  |       |        |
| 111       | 38.8 | 19.6  | 58.8   |
| 148       | 63.9 | 31.8  | 95.3   |

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#89

n-Butylbenzene

Concen: 45.229 ug/l

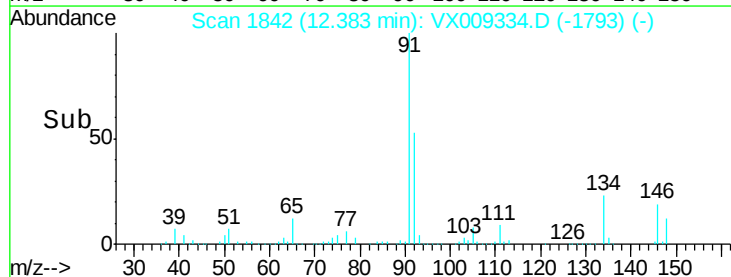
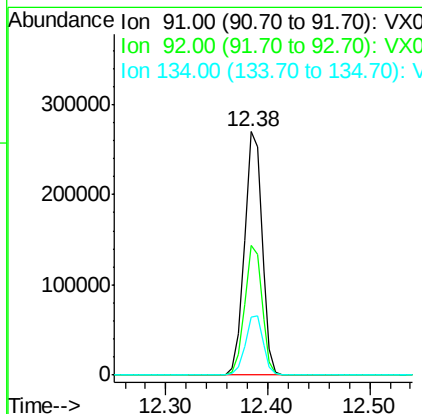
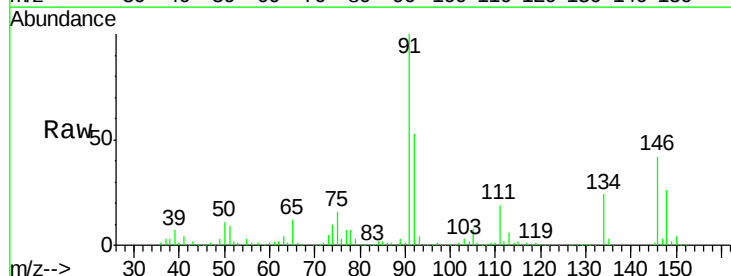
RT: 12.38 min Scan# 1842

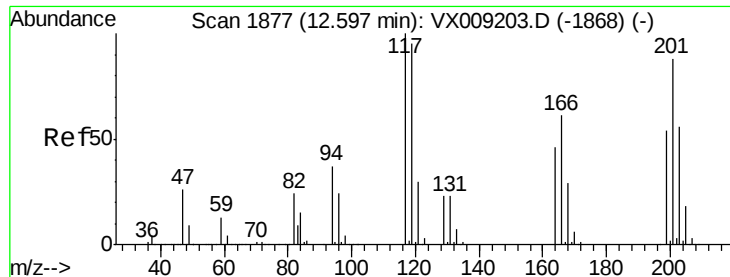
Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 91   | Resp: | 320904 |
| Ion Ratio |      | Lower | Upper  |
| 91        | 100  |       |        |
| 92        | 52.8 | 26.5  | 79.5   |
| 134       | 24.7 | 12.4  | 37.2   |





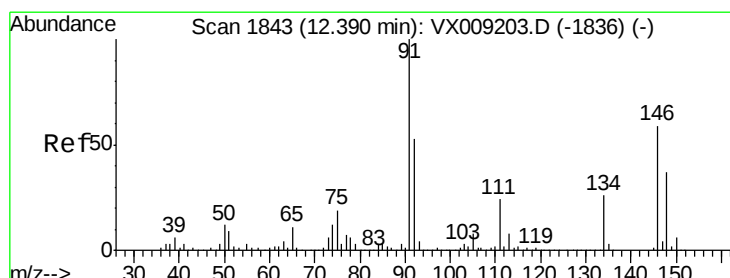
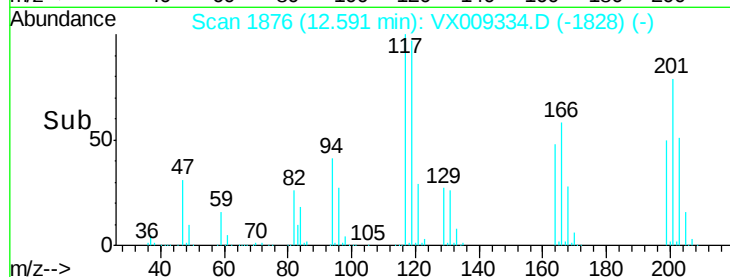
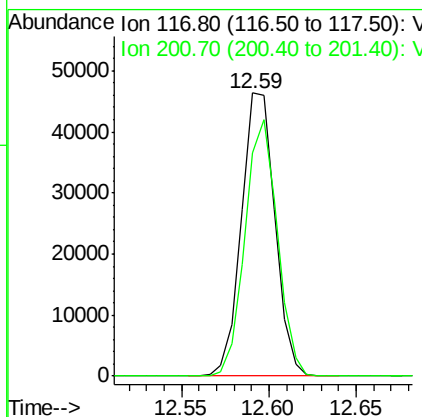
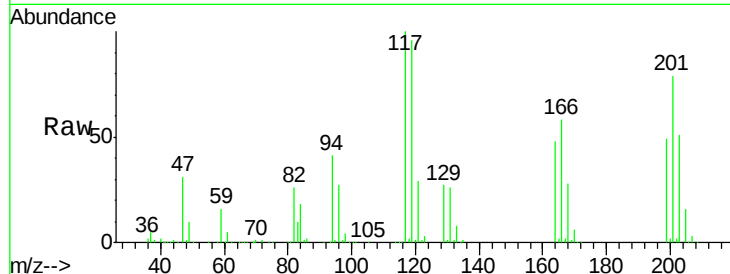
#90  
Hexachloroethane  
Concen: 46.224 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. -0.01 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW113-190430MS

Tot Ion:117 Resp: 61819  
Ion Ratio Lower Upper  
117 100  
201 87.5 42.3 126.9

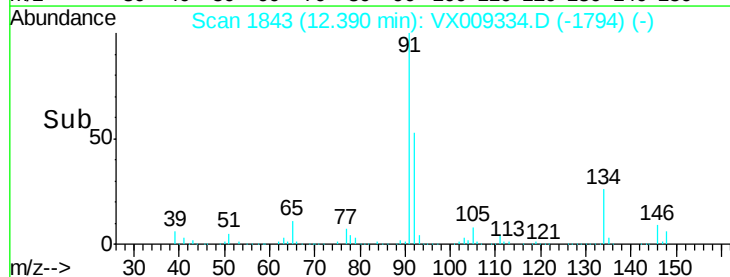
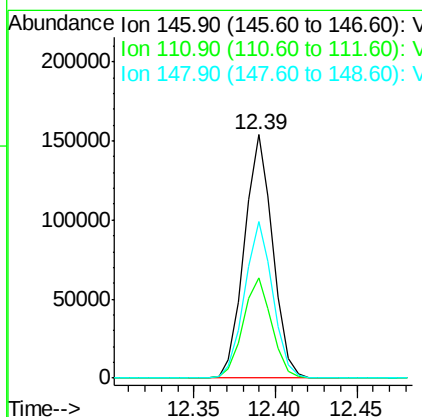
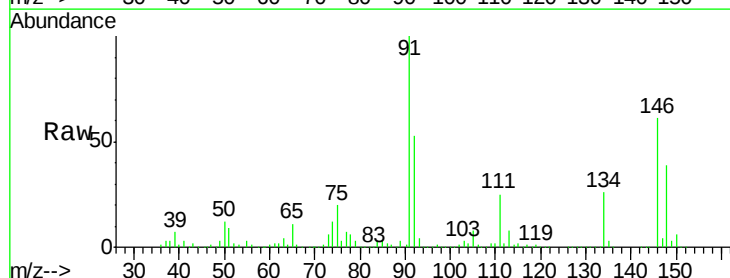
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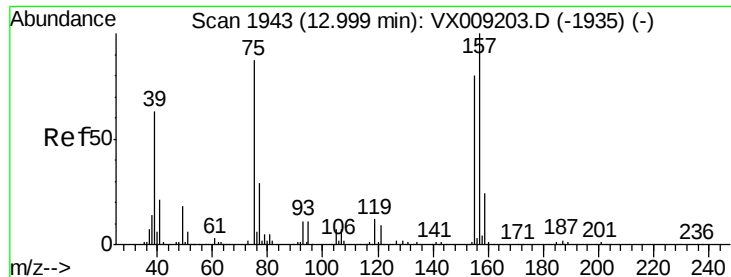
MMDadoda  
5/6/2019 9:25:06 AM



#91  
1,2-Dichlorobenzene  
Concen: 46.110 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX009334.D  
Acq: 04 May 2019 00:50

Tgt Ion:146 Resp: 186856  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.8 62.4  
148 63.6 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.652 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

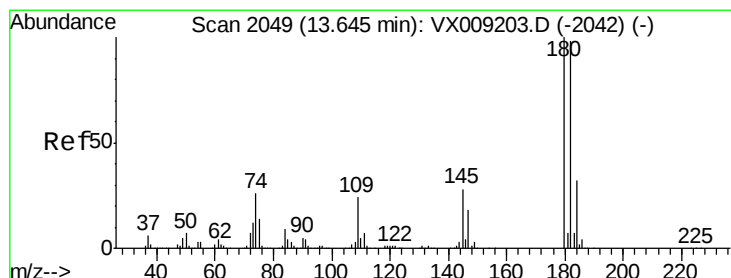
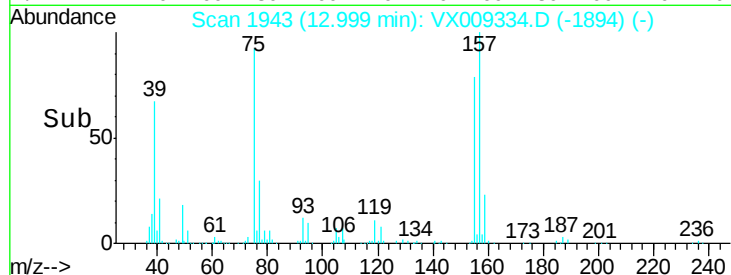
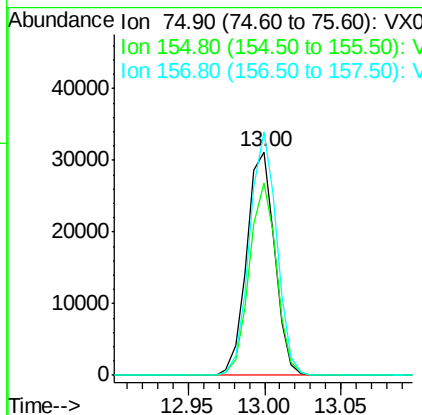
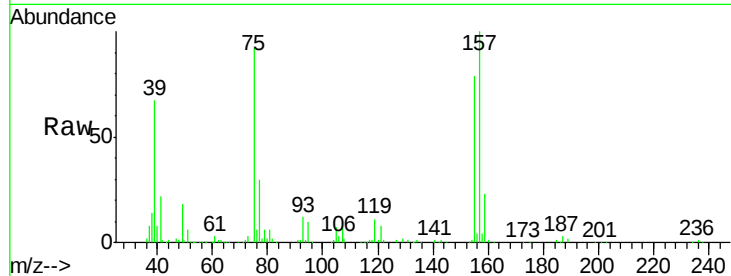
ClientSampleId :

SS050MW113-190430MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 39592 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 83.2  | 42.0  | 126.0 |
| 157       | 105.6 | 53.2  | 159.6 |

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#93

1,2,4-Trichlorobenzene

Concen: 46.843 ug/l

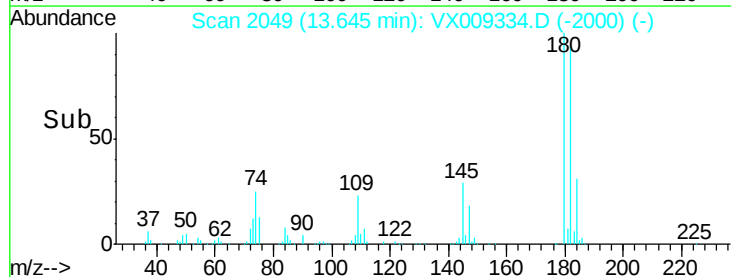
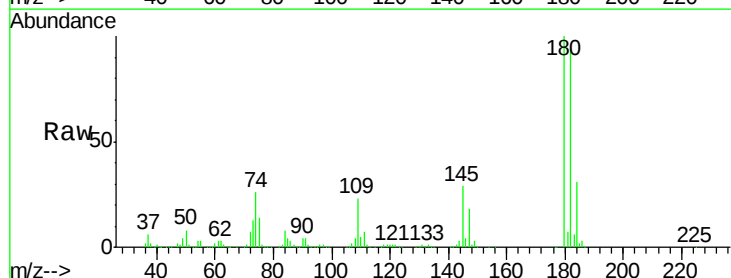
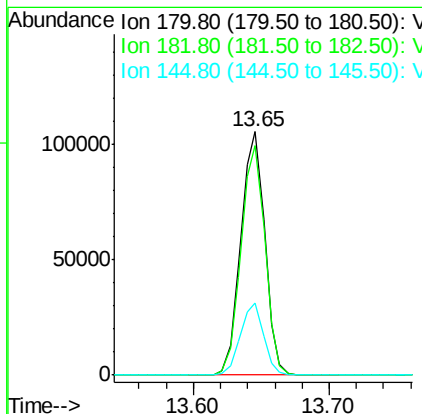
RT: 13.65 min Scan# 2049

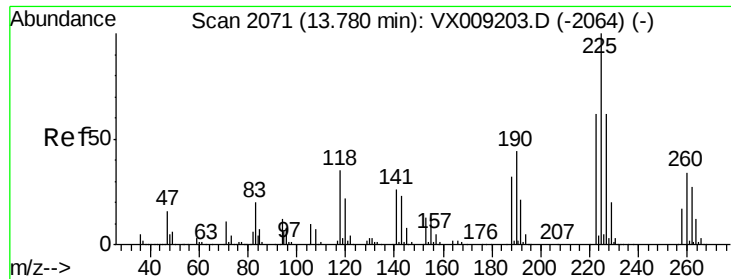
Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 129810 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.2  | 48.4  | 145.2  |
| 145       | 28.6  | 14.6  | 43.8   |





#94

Hexachlorobutadiene

Concen: 41.544 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

Instrument :

MSVOA\_X

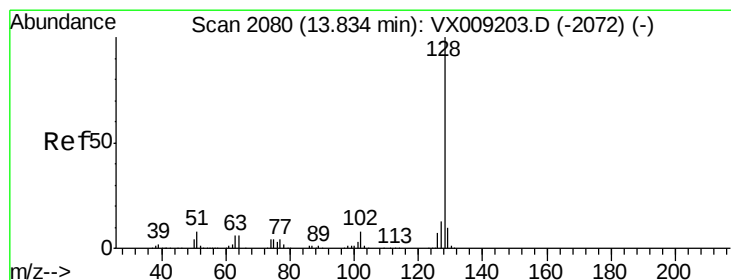
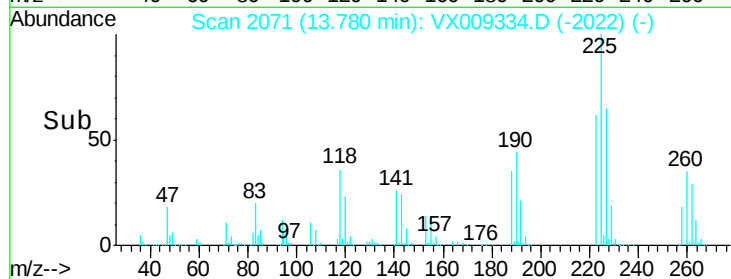
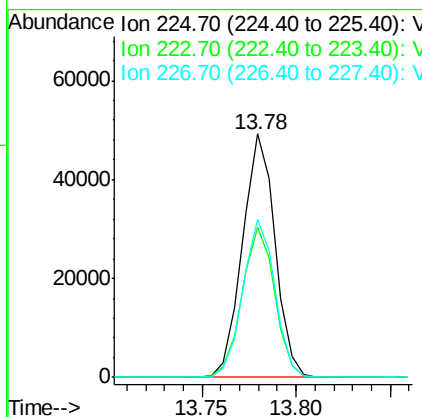
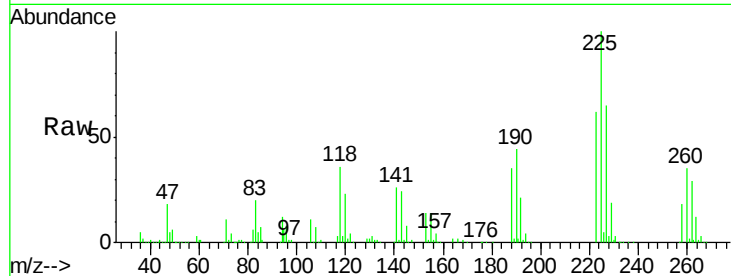
ClientSampleId :

SS050MW113-190430MS

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 225  | Resp: | 58790 |
| Ion Ratio |      | Lower | Upper |
| 225       | 100  |       |       |
| 223       | 61.5 | 31.3  | 93.8  |
| 227       | 64.0 | 31.8  | 95.3  |

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#95

Naphthalene

Concen: 50.985 ug/l

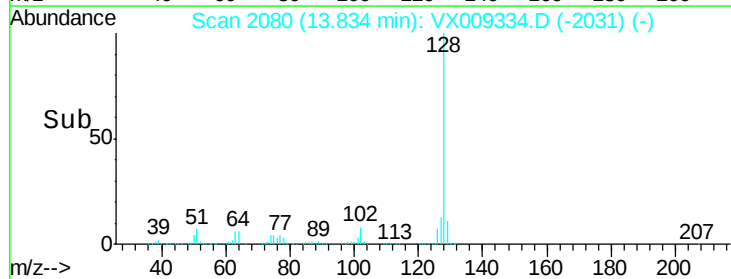
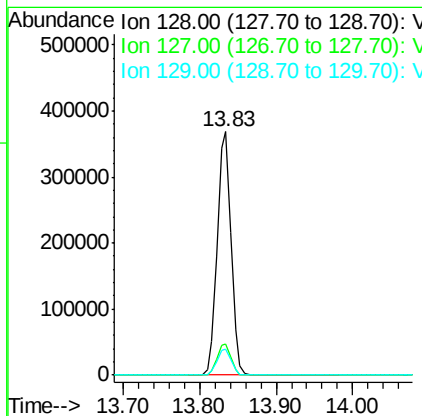
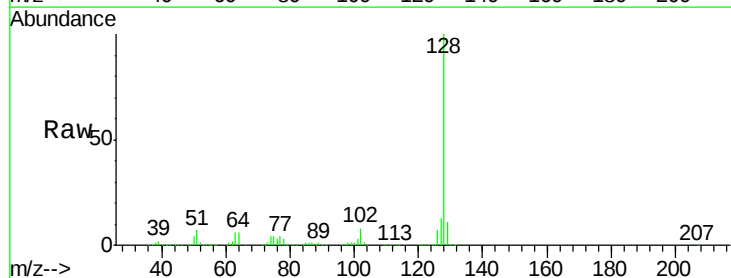
RT: 13.83 min Scan# 2080

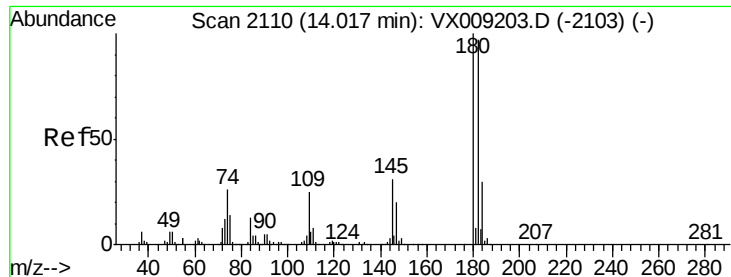
Delta R.T. -0.00 min

Lab File: VX009334.D

Acq: 04 May 2019 00:50

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 128  | Resp: | 459666 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 127       | 13.1 | 10.4  | 15.6   |
| 129       | 10.9 | 8.6   | 13.0   |





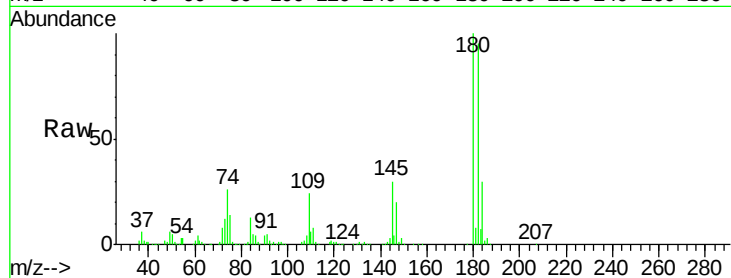
#96  
 1,2,3-Trichlorobenzene  
 Concen: 47.305 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. -0.00 min  
 Lab File: VX009334.D  
 Acq: 04 May 2019 00:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW113-190430MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 132880 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.6  | 47.8  | 143.4  |
| 145       | 30.3  | 15.4  | 46.4   |

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

