

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\  
 Data File : VX006217.D  
 Acq On : 30 Nov 2018 09:03  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 12/3/2018 11:59:23 AM

Quant Time: Nov 30 22:35:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 30 03:55:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 965660   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 1355028  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 1230429  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 671293   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 490650   | 49.77 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.54%  |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 469701   | 53.54 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.08% |      |
| 50) Toluene-d8            | 8.71   | 98  | 1688498  | 52.91 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.82% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 661814   | 55.03 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.06% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 498535  | 52.726  | ug/l | 98     |
| 3) Chloromethane              | 1.33 | 50  | 494419  | 50.885  | ug/l | 97     |
| 4) Vinyl Chloride             | 1.41 | 62  | 528791  | 50.566  | ug/l | 97     |
| 5) Bromomethane               | 1.64 | 94  | 339657  | 46.867  | ug/l | 100    |
| 6) Chloroethane               | 1.71 | 64  | 320984  | 50.061  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 805708  | 50.193  | ug/l | 100    |
| 8) Diethyl Ether              | 2.19 | 74  | 290245  | 47.775  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 456856  | 50.052  | ug/l | 100    |
| 10) Methyl Iodide             | 2.51 | 142 | 650379  | 47.281  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.07 | 59  | 643622  | 238.741 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 423397  | 48.455  | ug/l | 95     |
| 13) Acrolein                  | 2.29 | 56  | 351832  | 238.776 | ug/l | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 843775  | 48.884  | ug/l | 100    |
| 15) Acrylonitrile             | 3.15 | 53  | 1339150 | 238.042 | ug/l | 100    |
| 16) Acetone                   | 2.45 | 43  | 1059680 | 229.060 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 1327330 | 49.297  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 734070  | 47.448  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 1494562 | 47.946  | ug/l | 100    |
| 20) Methylene Chloride        | 2.85 | 84  | 454545  | 46.167  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 450406  | 48.370  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.87 | 45  | 1265989 | 46.957  | ug/l | 97     |
| 23) Vinyl Acetate             | 3.82 | 43  | 5487940 | 238.656 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 804271  | 52.191  | ug/l | 98     |
| 25) 2-Butanone                | 4.70 | 43  | 1483064 | 224.674 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 693940  | 48.794  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 490134  | 47.189  | ug/l | 100    |
| 28) Bromochloromethane        | 5.01 | 49  | 342018  | 50.812  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 1054432 | 229.841 | ug/l | 100    |
| 30) Chloroform                | 5.21 | 83  | 757354  | 46.768  | ug/l | 99     |
| 31) Cyclohexane               | 5.57 | 56  | 680854  | 47.808  | ug/l | 100    |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 718411  | 46.626  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 583386  | 51.126  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.85 | 43  | 616570  | 48.250  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 681181  | 50.744  | ug/l | 96     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 12/3/2018 11:59:23 AM

Quant Time: Nov 30 22:35:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 30 03:55:33 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 766373   | 51.741   | ug/l   | 99       |
| 40) Benzene                    | 6.14  | 78   | 1706875  | 49.944   | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.06  | 41   | 339091   | 48.225   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 558788   | 49.958   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 1046194  | 49.104   | ug/l   | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 528012   | 50.999   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 433219   | 49.876   | ug/l   | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 311391   | 49.639   | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 617290   | 50.813   | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.77  | 41   | 519589   | 50.130   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.75  | 88   | 256398   | 1003.682 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 3114661  | 251.124  | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 1124469  | 50.011   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 724334   | 50.983   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 743897   | 50.425   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 459274   | 50.279   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 724499   | 50.735   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 723376   | 50.081   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 2079237  | 286.933  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 2363928  | 249.470  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 572415   | 50.820   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 508039   | 49.741   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 474275   | 51.183   | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 1328991  | 50.882   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 518910   | 51.133   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 2219662  | 51.095   | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 1775221  | 102.016  | ug/l   | 100      |
| 69) o-Xylene                   | 10.69 | 106  | 873212   | 50.802   | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 1439307  | 51.774   | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 504499   | 52.663   | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 2315702  | 49.952   | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 966955   | 48.437   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 710348   | 47.896   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 566856m  | 43.749   | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 642790   | 49.963   | ug/l   | 100      |
| 78) n-propylbenzene            | 11.36 | 91   | 2642076  | 51.270   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 1539639  | 50.268   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 1942443  | 50.359   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 274753   | 49.762   | ug/l # | 78       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 1800908  | 50.572   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 2053025  | 49.886   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 1996359  | 50.123   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 2397977  | 51.218   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 2170979  | 51.495   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 1176102  | 51.376   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 1165401  | 50.157   | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 1906135  | 52.990   | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 435283   | 50.659   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 1114412  | 49.051   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 177901   | 46.793   | ug/l   | 99       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX113018\  
Data File : VX006217.D  
Acq On : 30 Nov 2018 09:03  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

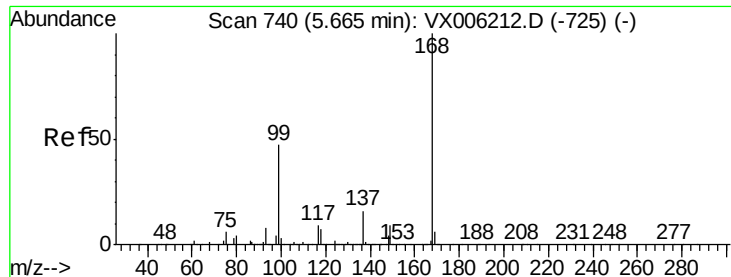
MMDadoda  
12/3/2018 11:59:23 AM

Quant Time: Nov 30 22:35:28 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112918W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 30 03:55:33 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 868532   | 52.399 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 400601   | 54.650 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 2550949  | 49.475 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 848723   | 51.697 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 965660

Ion Ratio Lower Upper

168 100

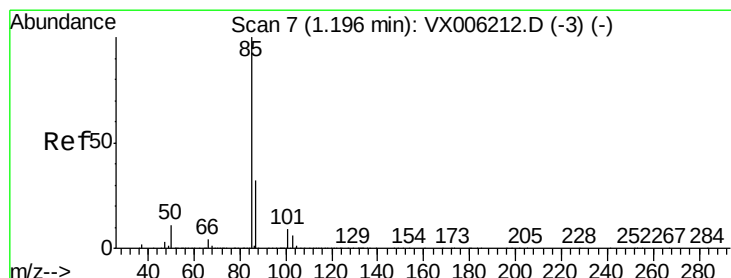
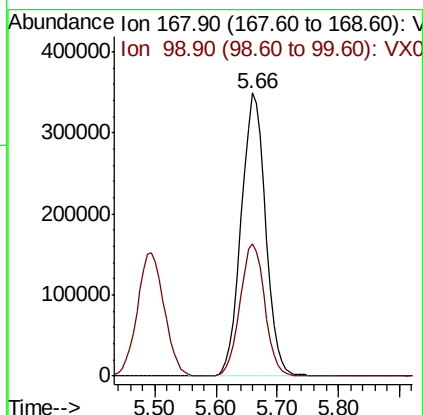
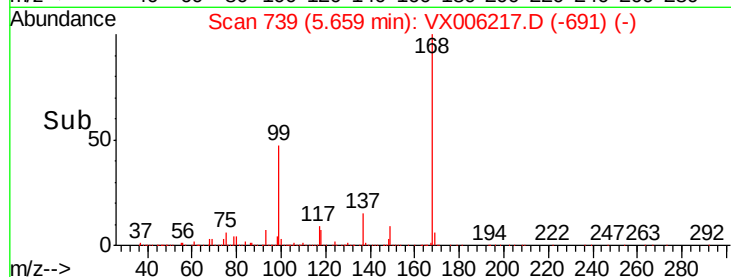
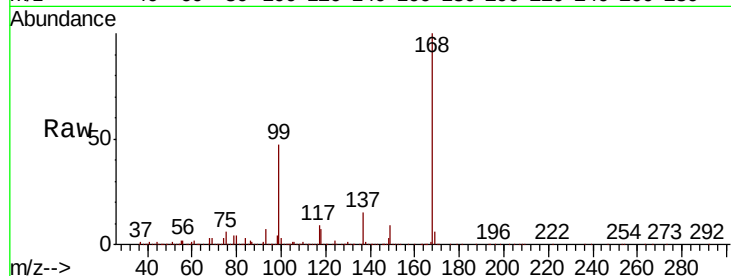
99 46.4 37.8 56.8

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:23 AM



#2

Dichlorodifluoromethane

Concen: 52.726 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006217.D

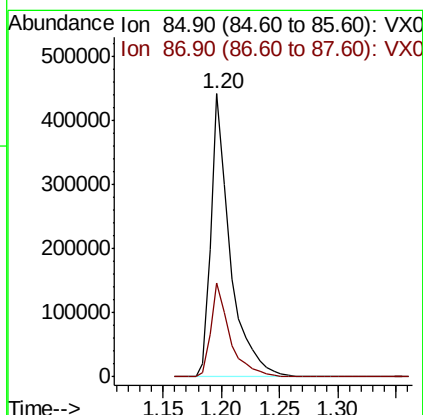
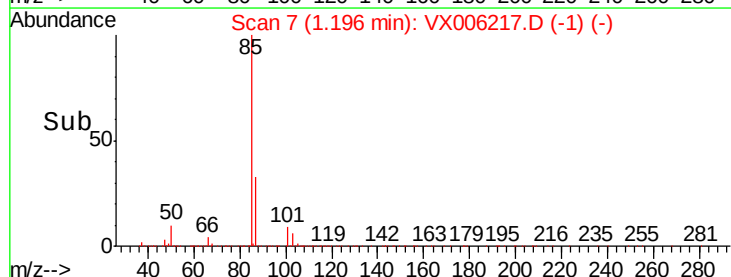
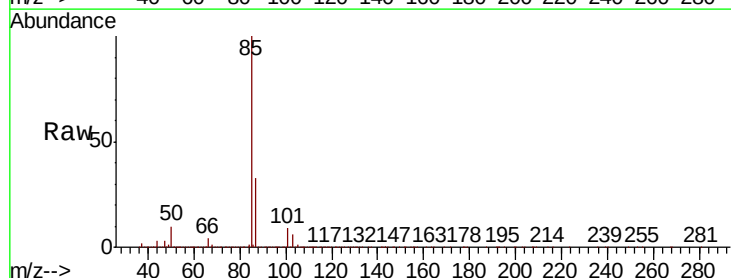
Acq: 30 Nov 2018 09:03

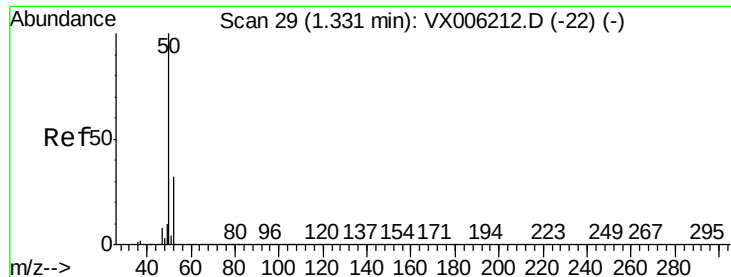
Tgt Ion: 85 Resp: 498535

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2





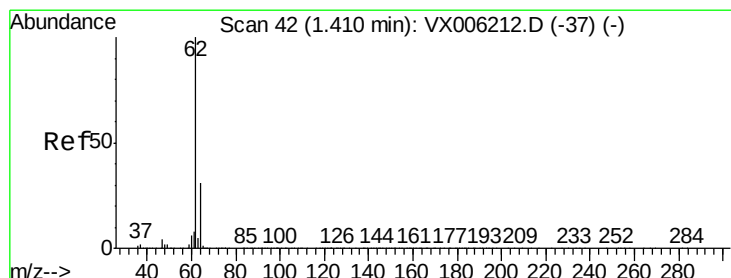
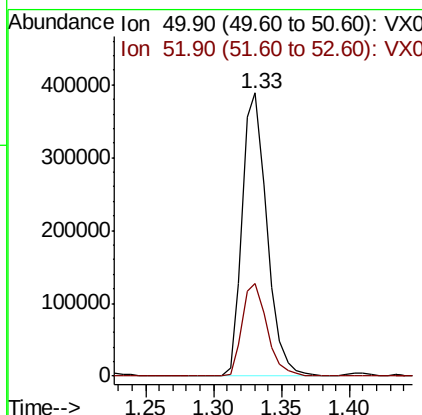
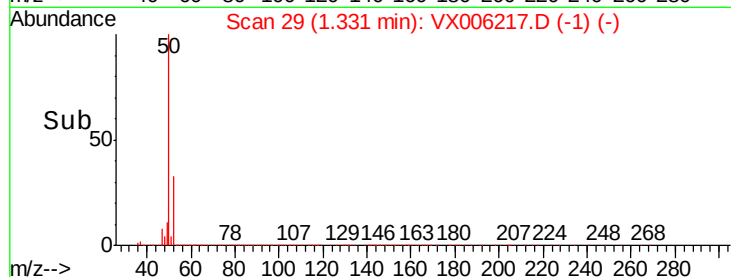
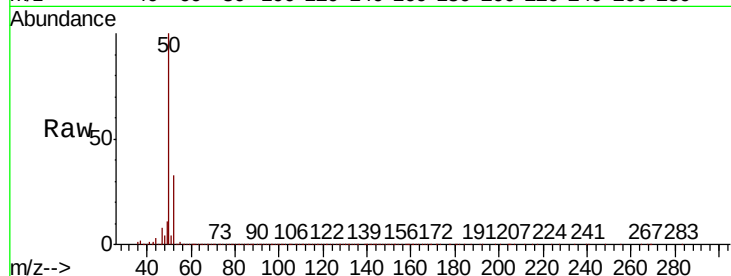
#3  
Chloromethane  
Concen: 50.885 ug/l  
RT: 1.33 min Scan# 29  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 50      | 100   |       |       |
| 52      | 32.9  | 25.2  | 37.8  |

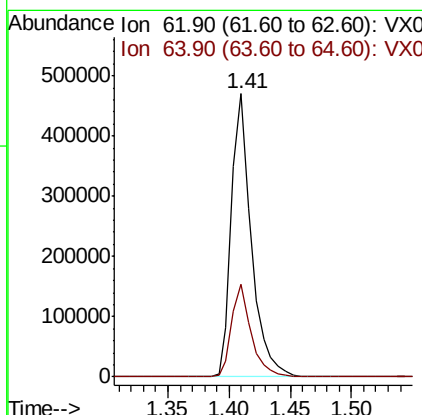
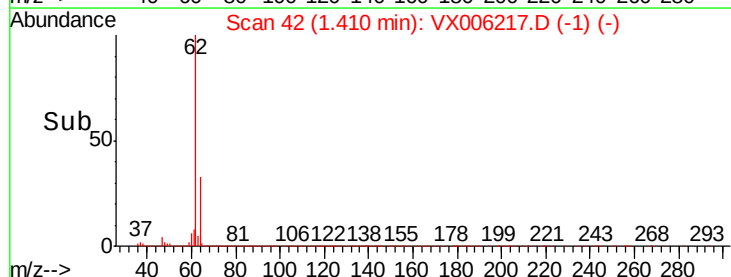
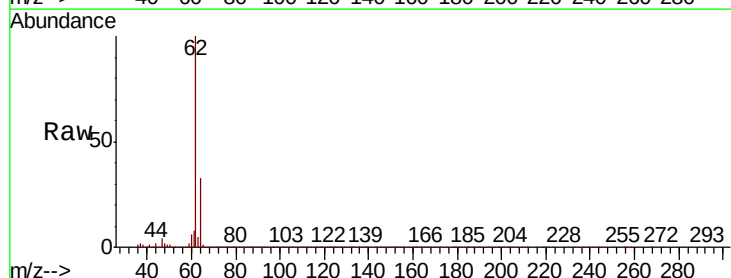
Manual Integrations  
APPROVED

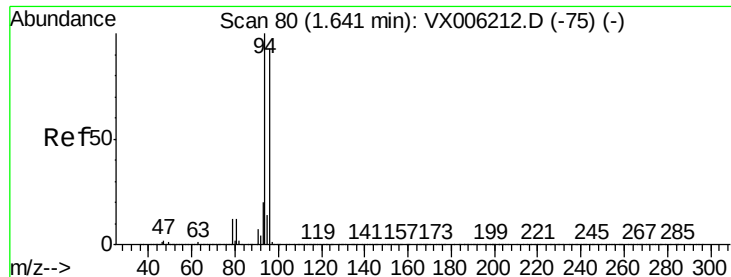
MMDadoda  
12/3/2018 11:59:23 AM



#4  
Vinyl Chloride  
Concen: 50.566 ug/l  
RT: 1.41 min Scan# 42  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 64      | 32.5  | 24.9  | 37.3  |





#5

Bromomethane

Concen: 46.867 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 339657

Ion Ratio Lower Upper

94 100

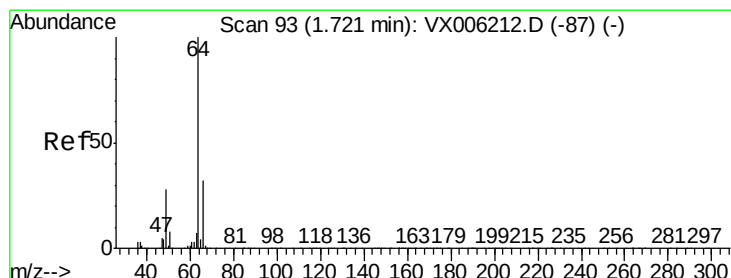
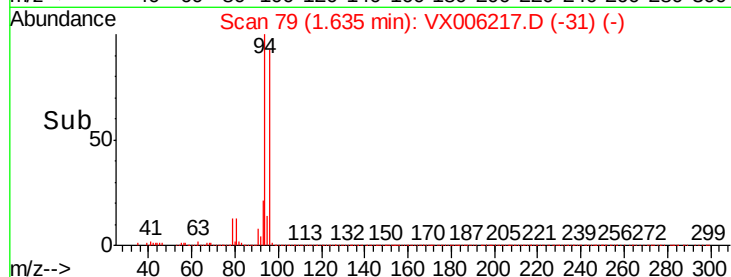
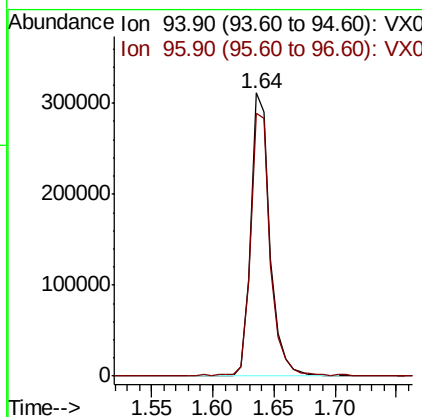
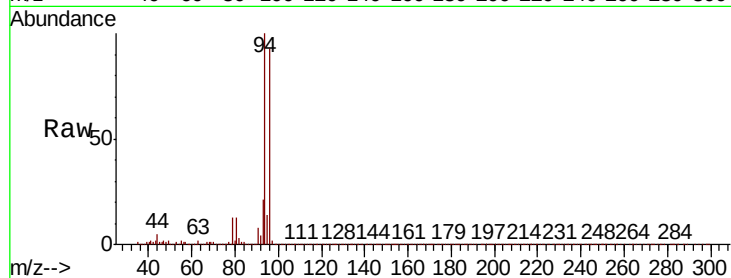
96 92.9 74.5 111.7

Manual Integrations

APPROVED

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12/3/2018 11:59:23 AM



#6

Chloroethane

Concen: 50.061 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006217.D

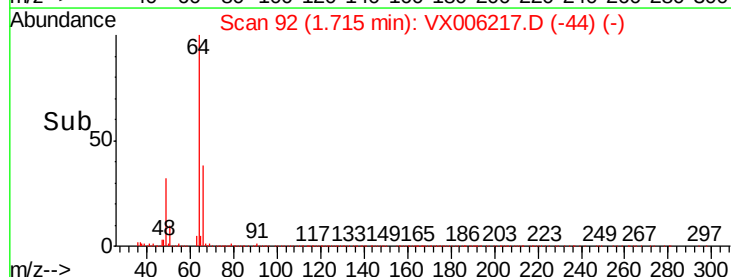
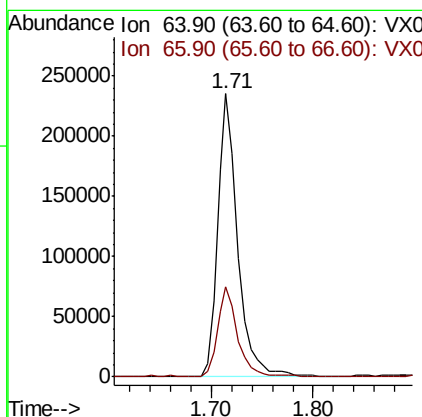
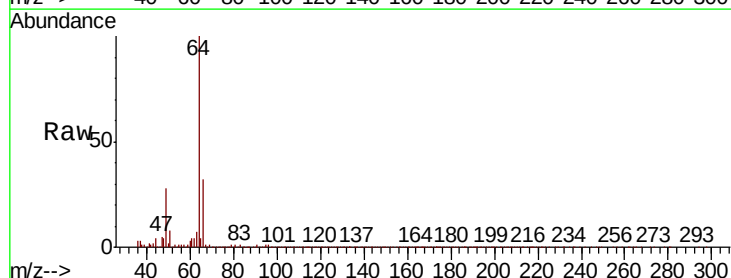
Acq: 30 Nov 2018 09:03

Tgt Ion: 64 Resp: 320984

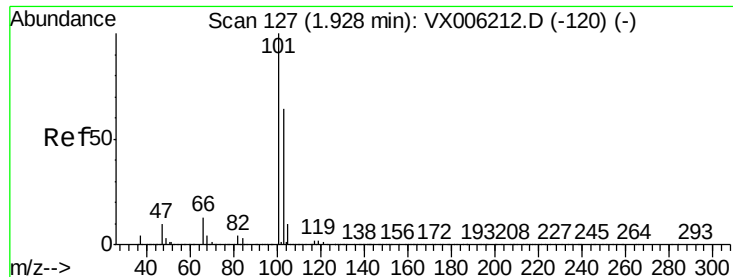
Ion Ratio Lower Upper

64 100

66 31.7 25.9 38.9







#7

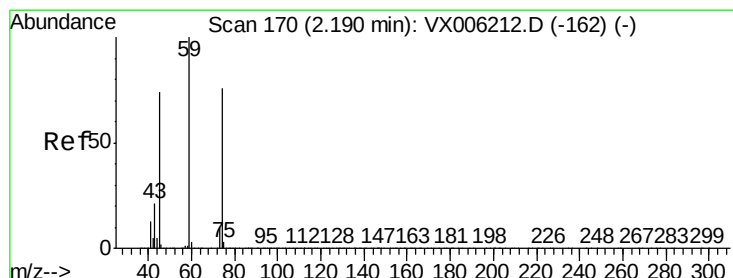
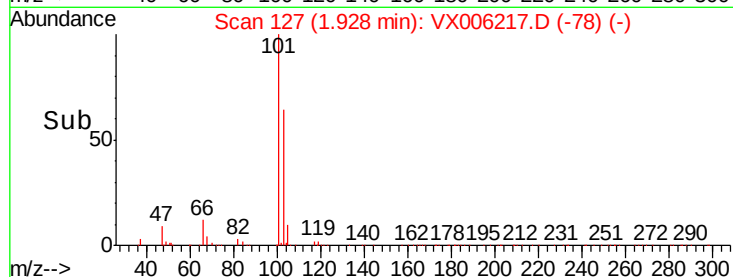
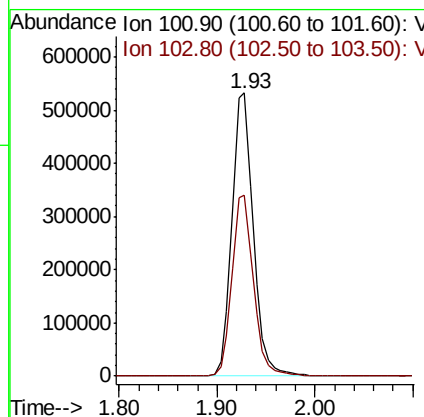
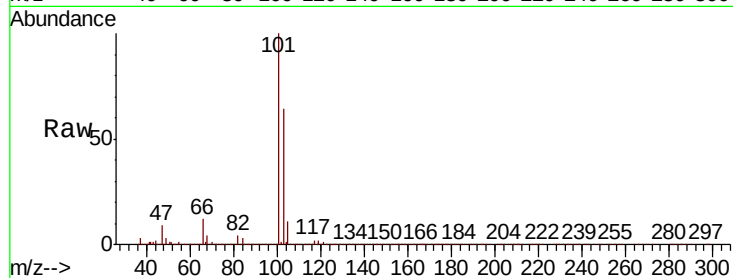
Trichlorofluoromethane  
Concen: 50.193 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.0  | 51.0  | 76.4  |

Manual Integrations  
APPROVED

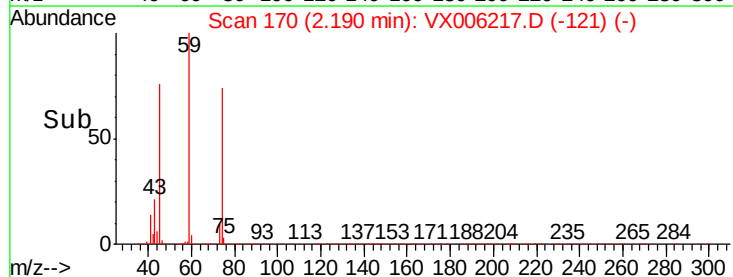
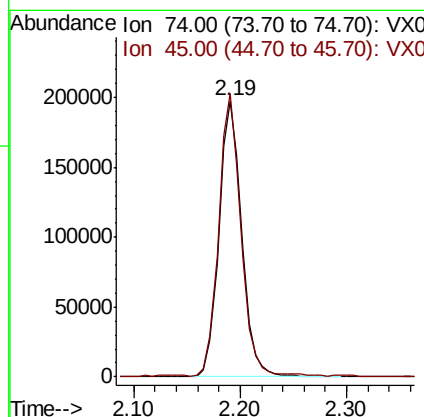
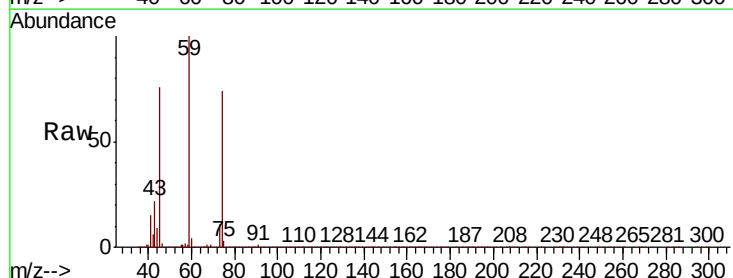
MMDadoda  
12/3/2018 11:59:23 AM



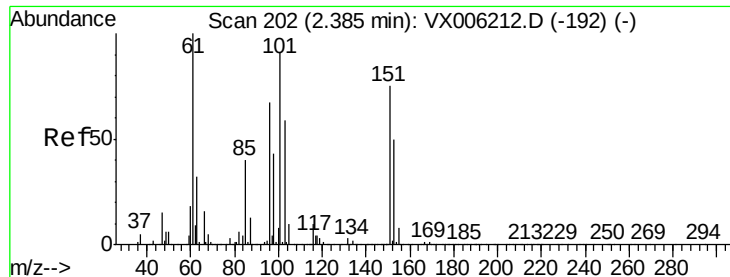
#8

Diethyl Ether  
Concen: 47.775 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 100.6 | 49.5  | 148.7 |







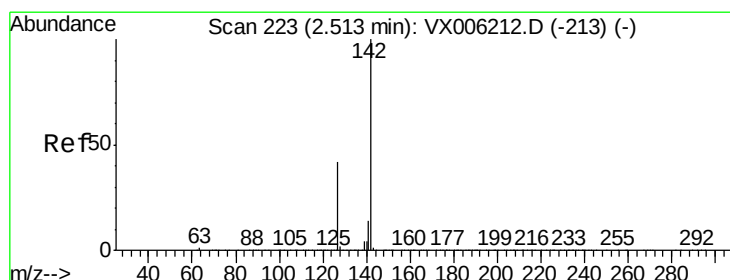
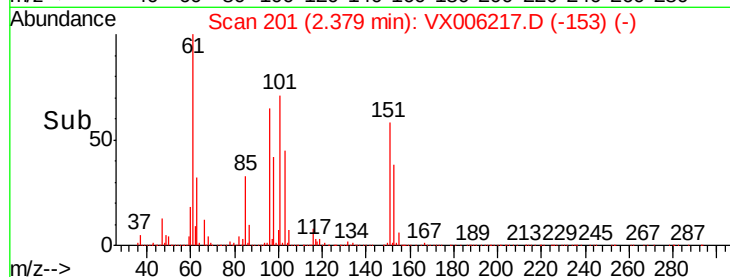
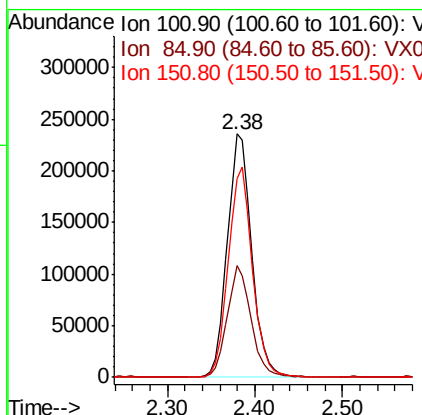
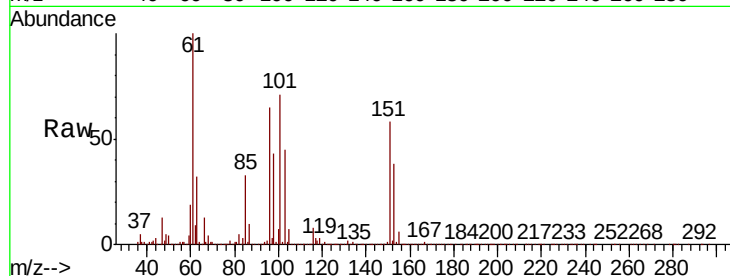
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.052 ug/l  
RT: 2.38 min Scan# 201  
Delta R.T. -0.01 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 44.4  | 35.5  | 53.3  |
| 151     | 85.7  | 68.6  | 103.0 |

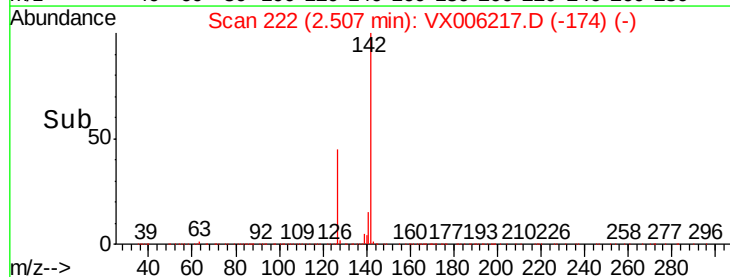
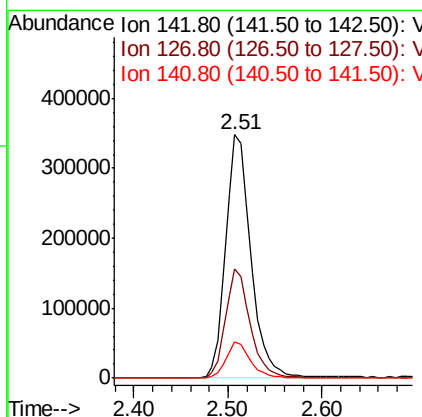
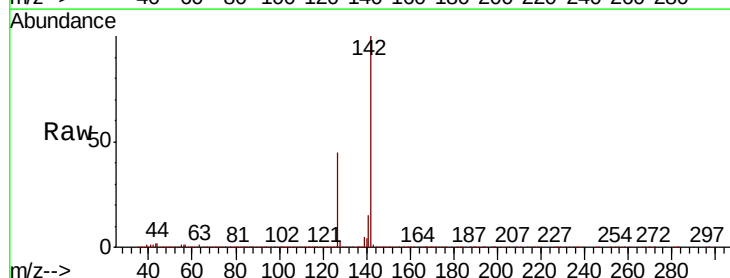
Manual Integrations  
APPROVED

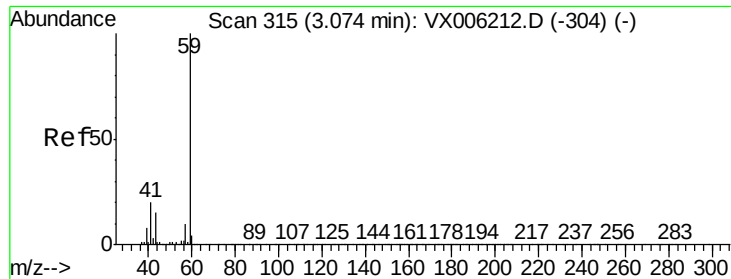
MMDadoda  
12/3/2018 11:59:23 AM



#10  
Methyl Iodide  
Concen: 47.281 ug/l  
RT: 2.51 min Scan# 222  
Delta R.T. -0.01 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 43.6  | 34.8  | 52.2  |
| 141     | 14.1  | 11.4  | 17.2  |





#11

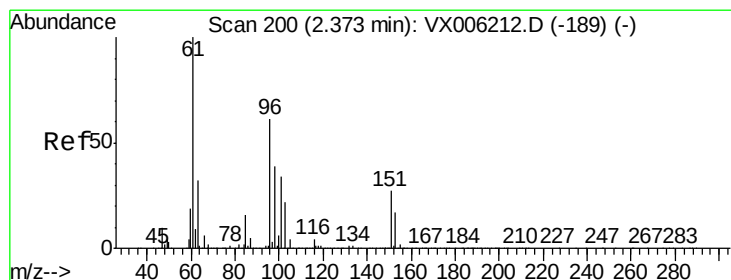
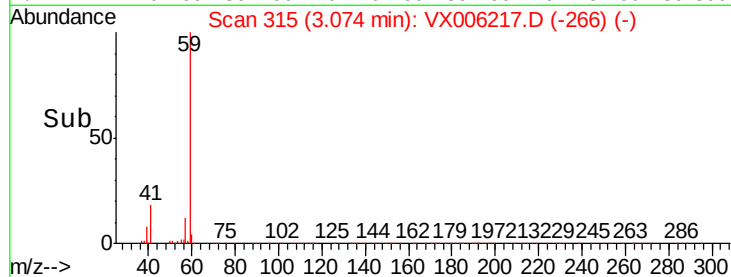
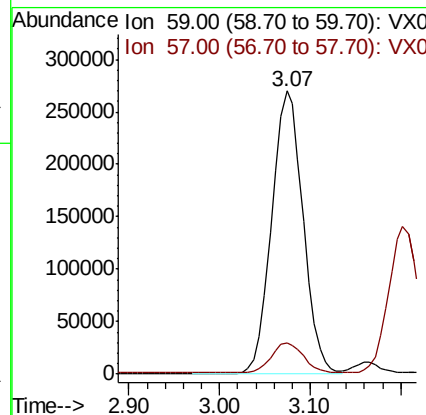
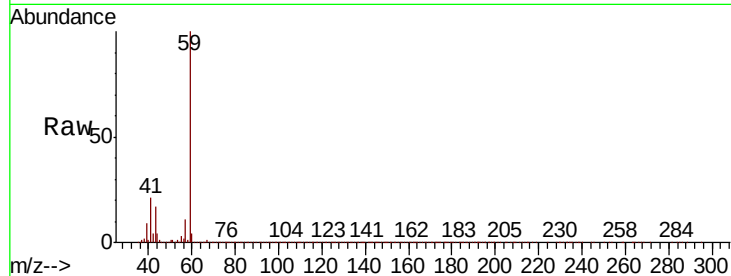
Tert butyl alcohol  
Concen: 238.741 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.7  | 8.2   | 12.2  |

Manual Integrations  
APPROVED

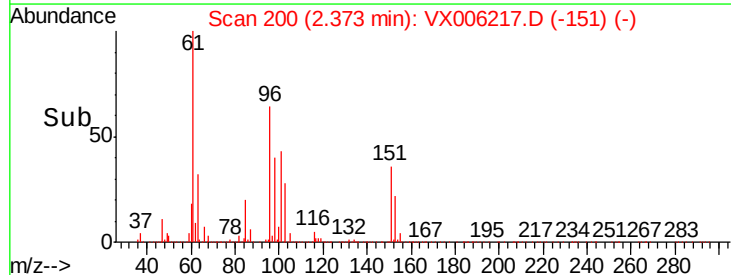
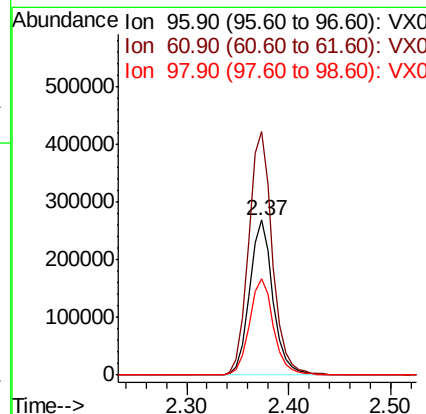
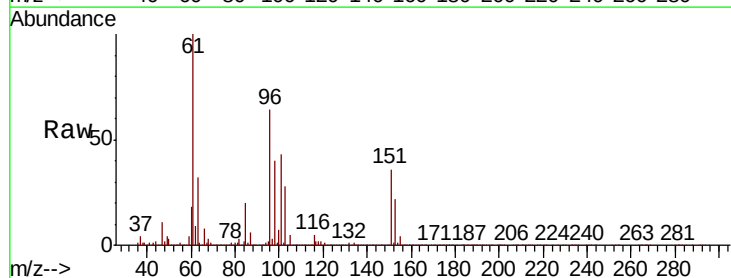
MMDadoda  
12/3/2018 11:59:23 AM

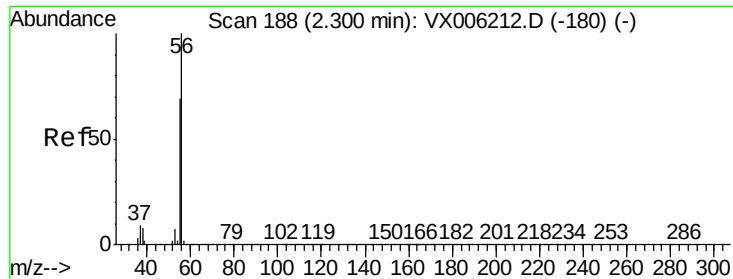


#12

1,1-Dichloroethene  
Concen: 48.455 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 157.1 | 131.7 | 197.5 |
| 98      | 62.3  | 51.8  | 77.6  |





#13

Acrolein

Concen: 238.776 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 351832

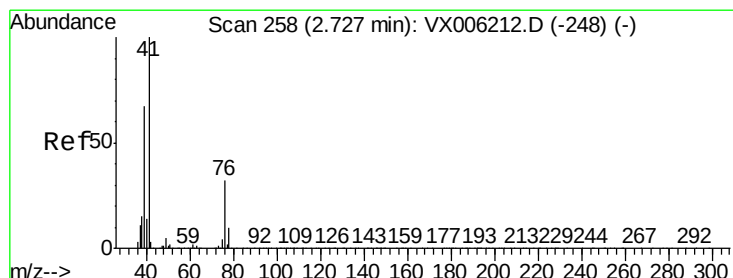
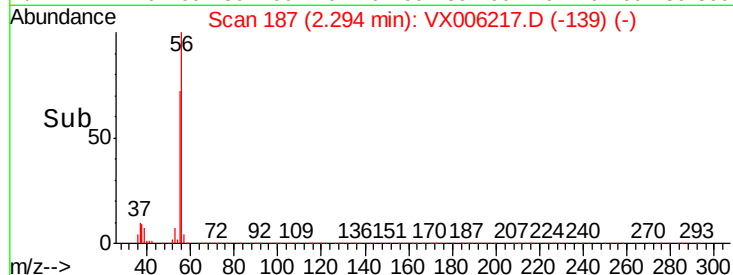
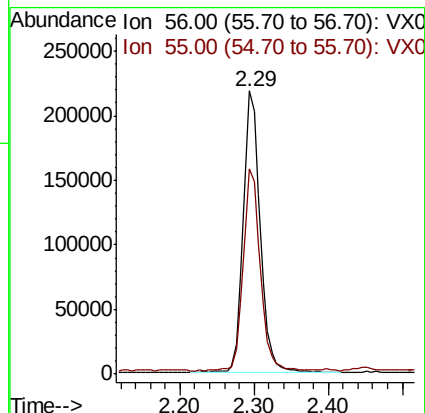
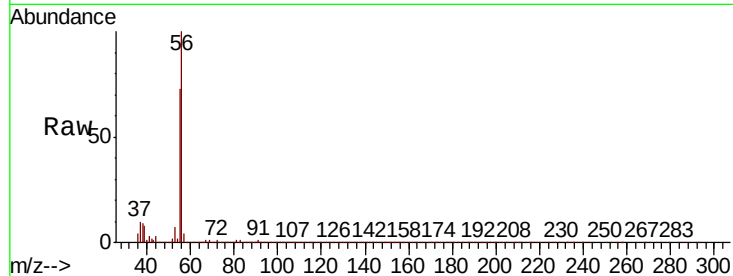
Ion Ratio Lower Upper

56 100

55 71.3 57.8 86.6

Manual Integrations  
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MMDadoda  
12/3/2018 11:59:23 AM



#14

Allyl chloride

Concen: 48.884 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

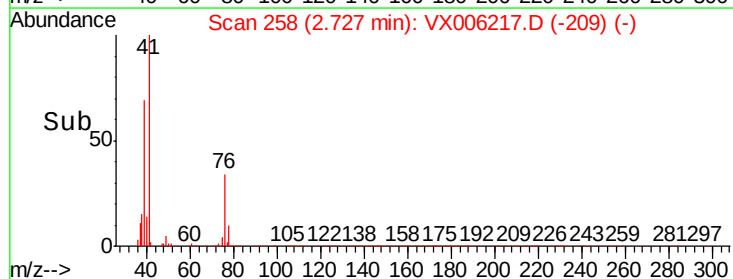
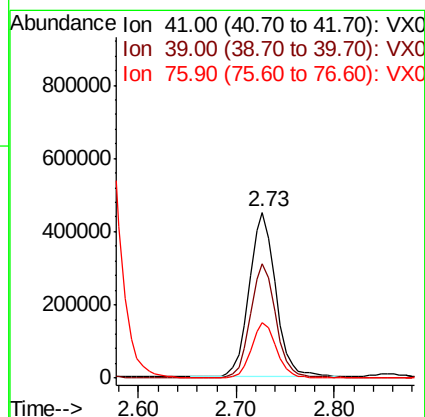
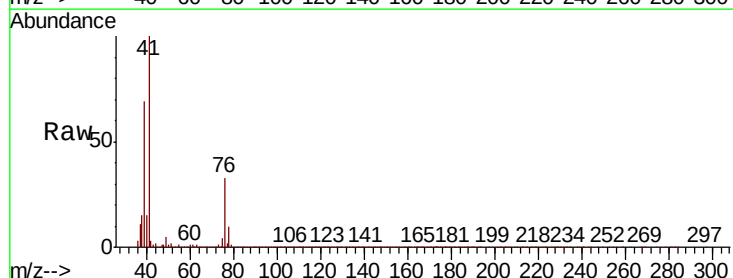
Tgt Ion: 41 Resp: 843775

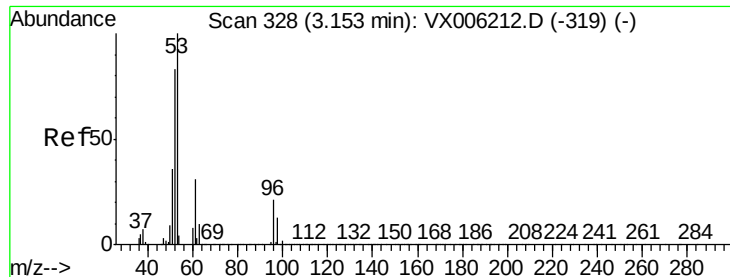
Ion Ratio Lower Upper

41 100

39 65.8 52.4 78.6

76 31.6 25.4 38.0





#15

Acrylonitrile

Concen: 238.042 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

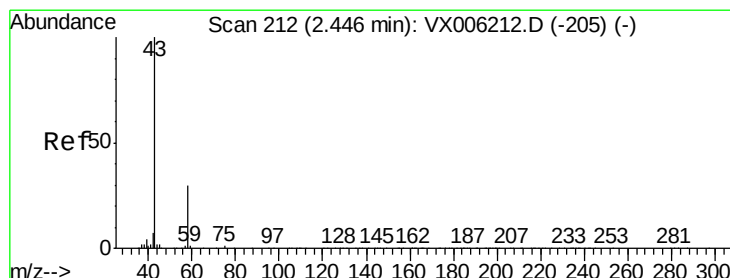
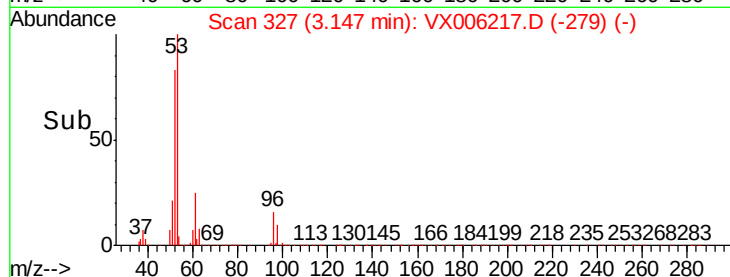
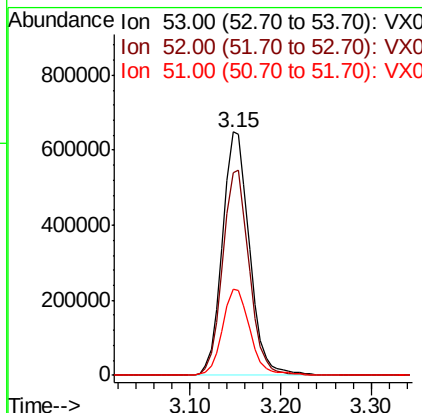
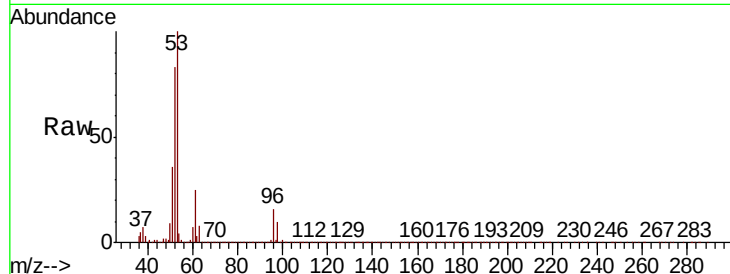
ClientSampleId :

VSTDCCC050

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 53    | Resp: | 1339150 |
| Ion      | Ratio | Lower | Upper   |
| 53       | 100   |       |         |
| 52       | 83.1  | 66.2  | 99.4    |
| 51       | 36.0  | 28.7  | 43.1    |

Manual Integrations  
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12/3/2018 11:59:23 AM



#16

Acetone

Concen: 229.060 ug/l

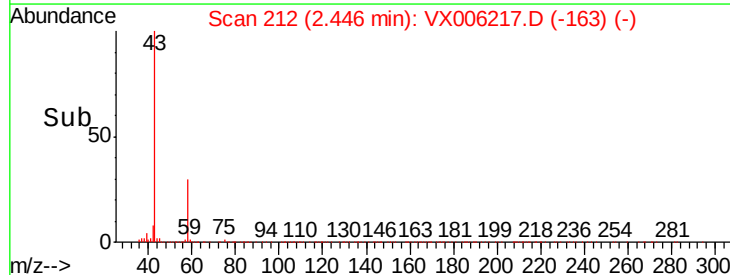
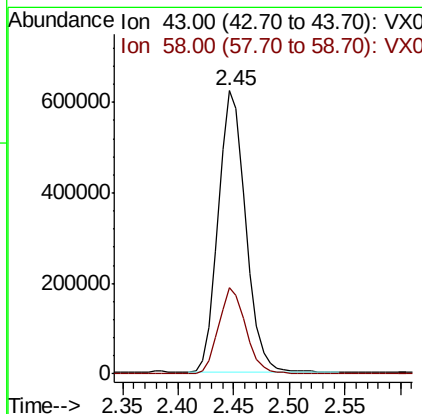
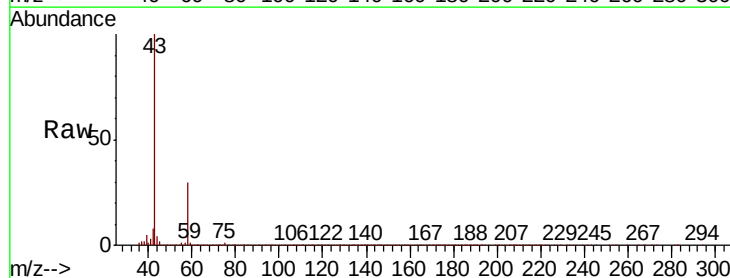
RT: 2.45 min Scan# 212

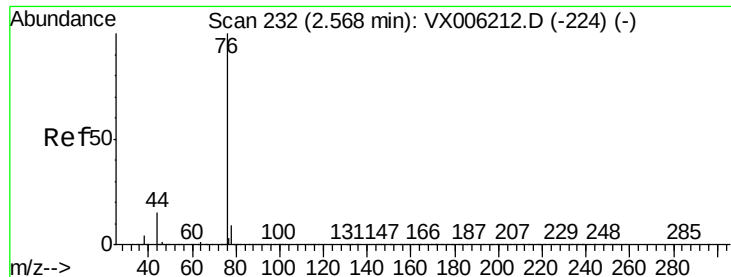
Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 43    | Resp: | 1059680 |
| Ion      | Ratio | Lower | Upper   |
| 43       | 100   |       |         |
| 58       | 30.4  | 24.0  | 36.0    |





#17

Carbon Disulfide

Concen: 49.297 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Tot Ion: 76 Resp: 1327330

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

Instrument :

MSVOA\_X

ClientSampleId :

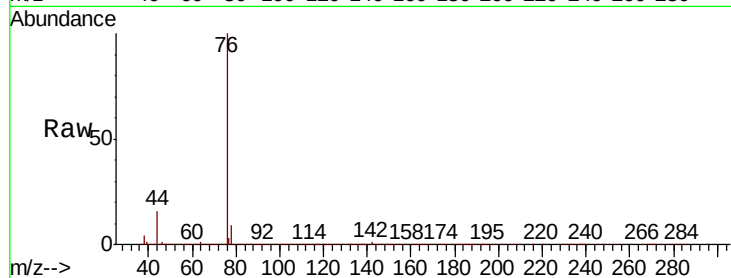
VSTDCCC050

Manual Integrations

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12/3/2018 11:59:23 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

800000

600000

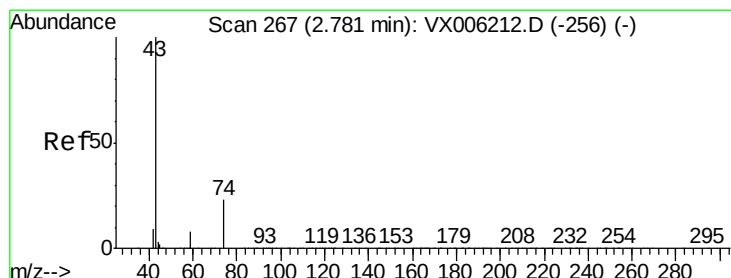
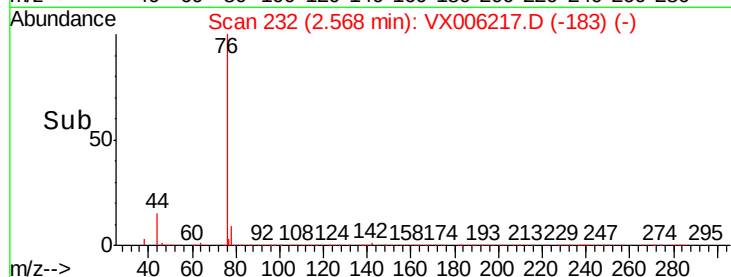
400000

200000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 47.448 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006217.D

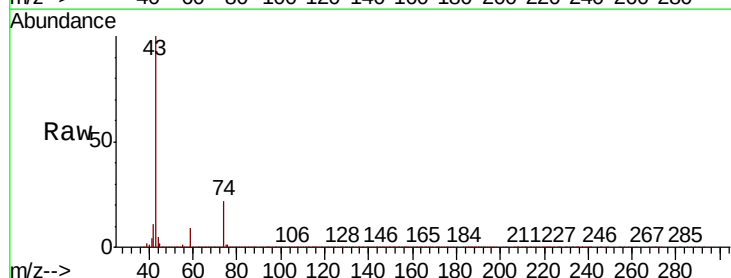
Acq: 30 Nov 2018 09:03

Tgt Ion: 43 Resp: 734070

Ion Ratio Lower Upper

43 100

74 21.7 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

400000

300000

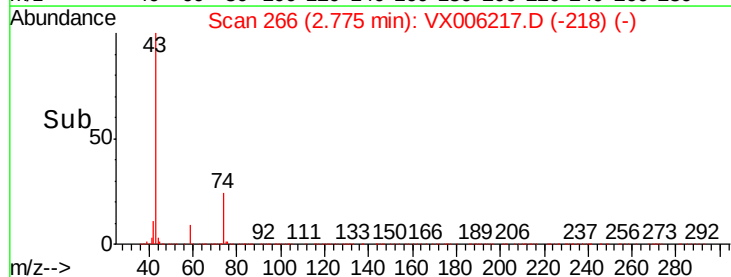
200000

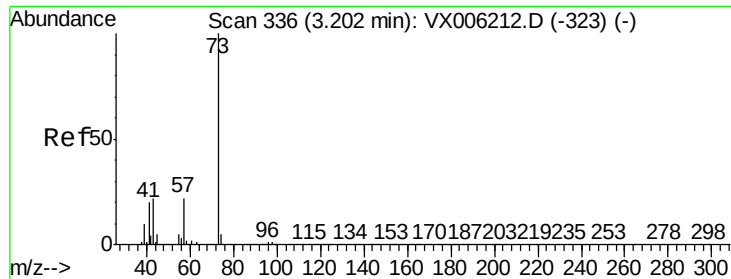
100000

0

2.70 2.80

Time-->





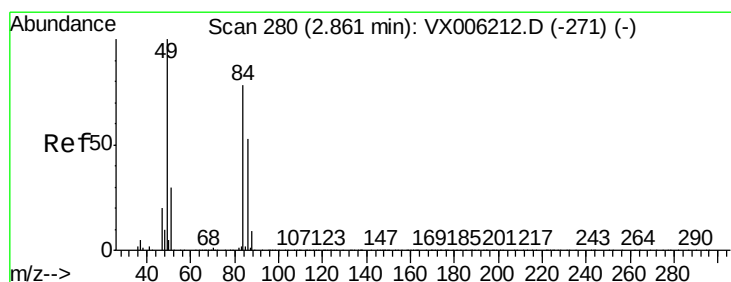
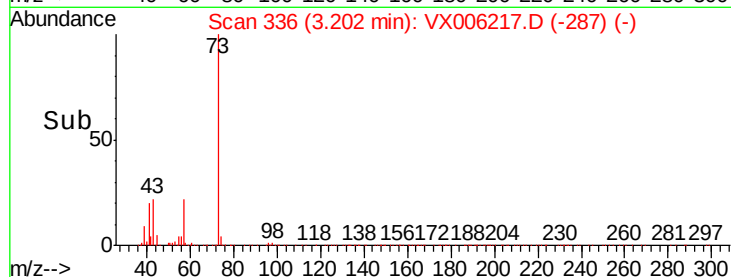
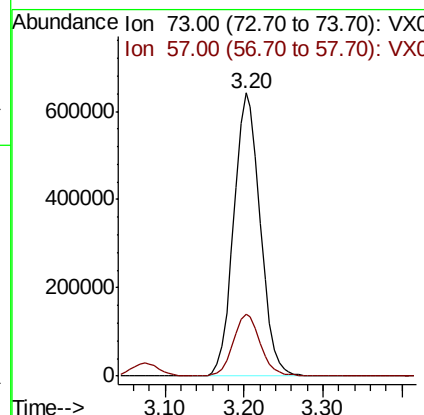
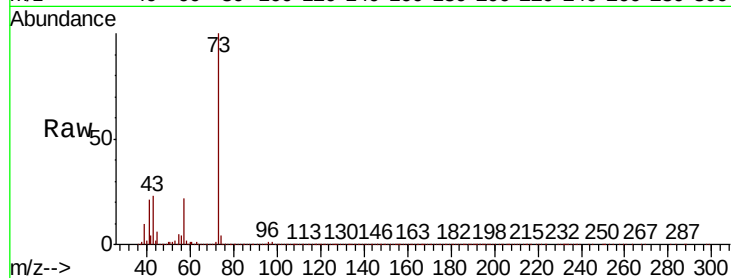
#19  
Methyl tert-butyl Ether  
Concen: 47.946 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 1494562  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.5 26.3

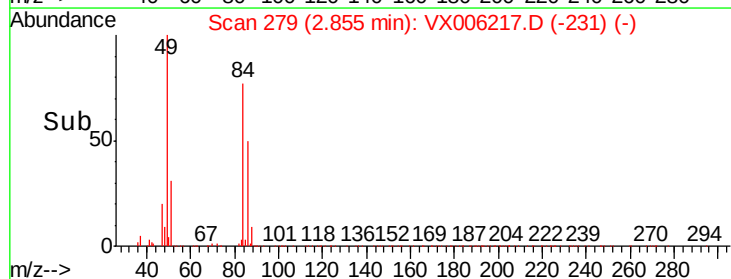
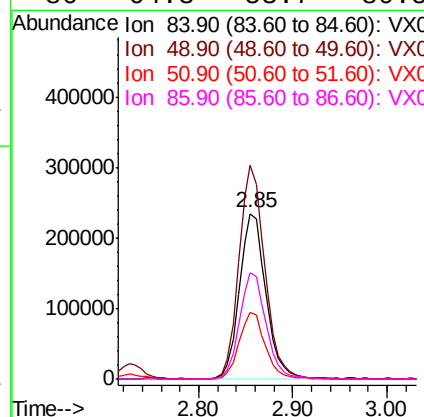
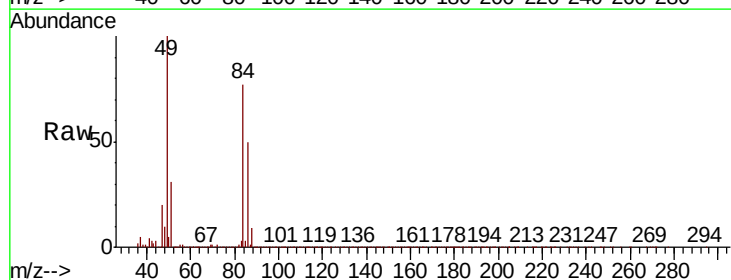
Manual Integrations  
APPROVED

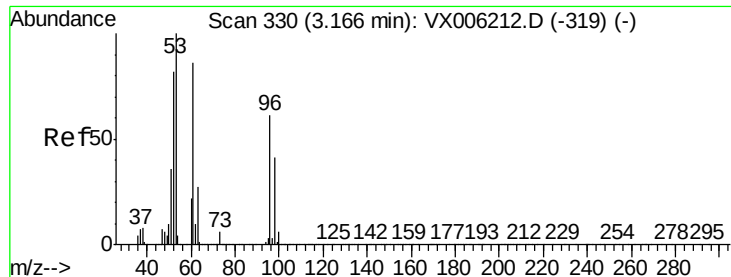
MMDadoda  
12/3/2018 11:59:23 AM



#20  
Methylene Chloride  
Concen: 46.167 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.01 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Tgt Ion: 84 Resp: 454545  
Ion Ratio Lower Upper  
84 100  
49 129.4 102.2 153.4  
51 39.8 31.1 46.7  
86 64.3 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.370 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

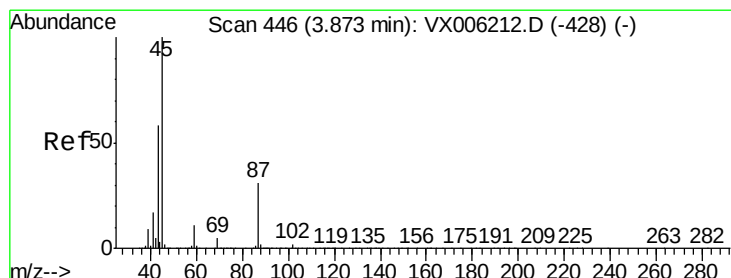
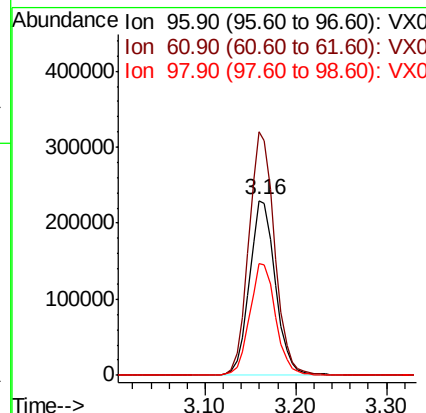
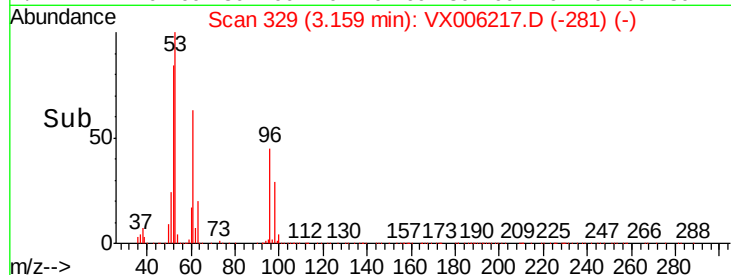
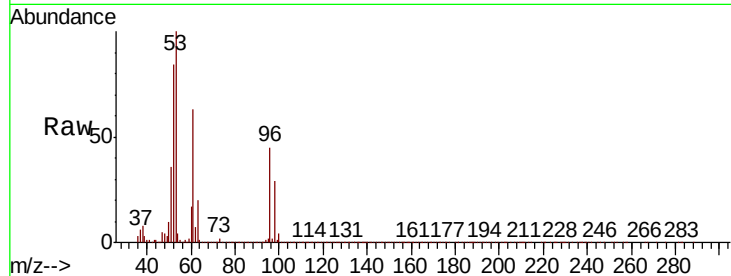
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 450406 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 139.5 | 113.3 | 169.9  |
| 98       | 63.8  | 53.2  | 79.8   |

Manual Integrations  
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MMDadoda  
12/3/2018 11:59:23 AM



#22

Diisopropyl ether

Concen: 46.957 ug/l

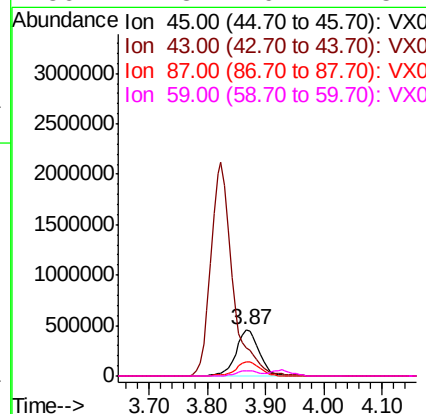
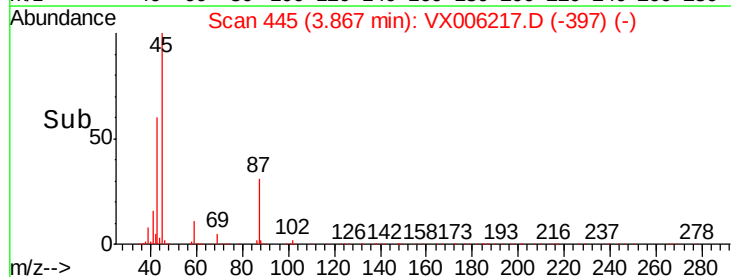
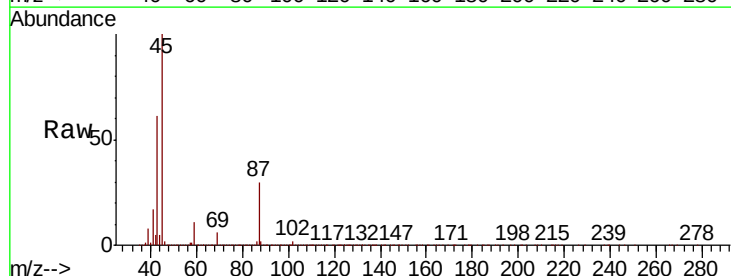
RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

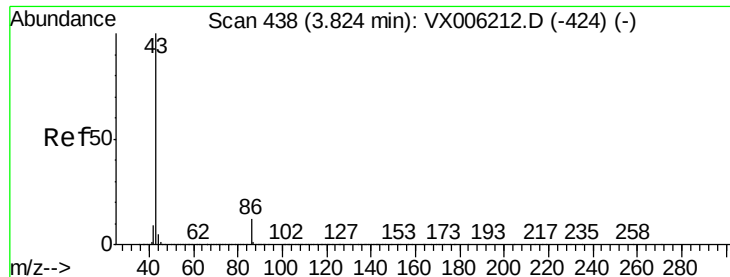
Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 45    | Resp: | 1265989 |
| Ion      | Ratio | Lower | Upper   |
| 45       | 100   |       |         |
| 43       | 60.7  | 46.2  | 69.2    |
| 87       | 30.4  | 24.9  | 37.3    |
| 59       | 11.3  | 9.1   | 13.7    |







#23

Vinyl Acetate

Concen: 238.656 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 5487940

Ion Ratio Lower Upper

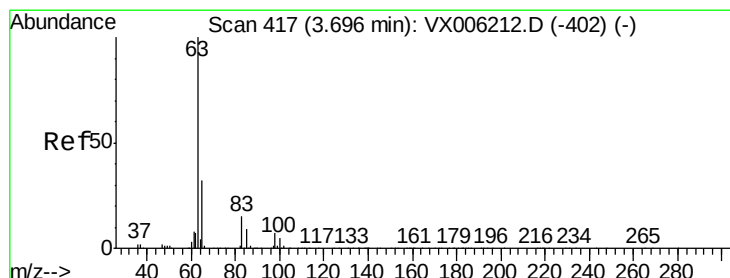
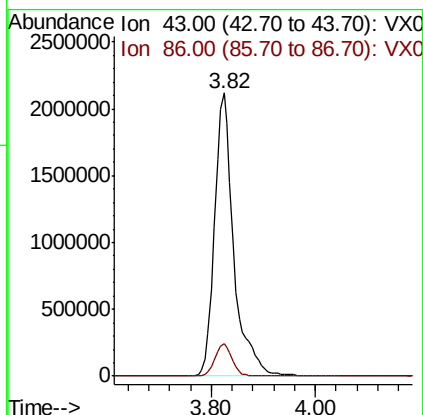
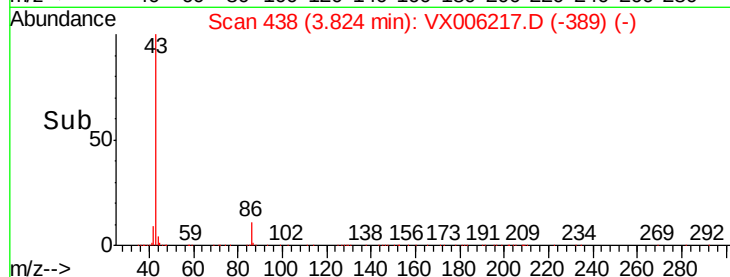
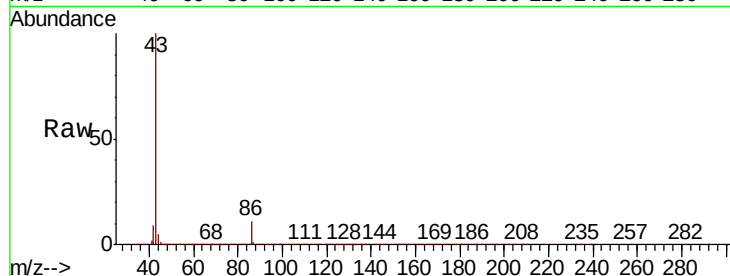
43 100

86 11.5 9.4 14.0

Manual Integrations  
APPROVED

MMDadoda

12/3/2018 11:59:23 AM



#24

1,1-Dichloroethane

Concen: 52.191 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

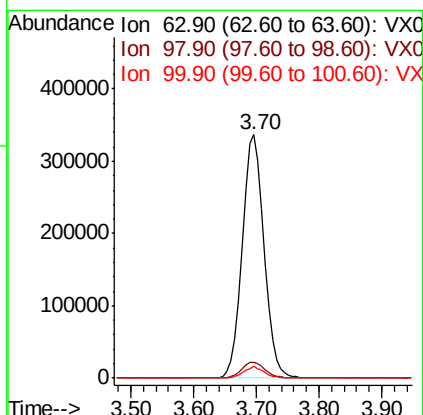
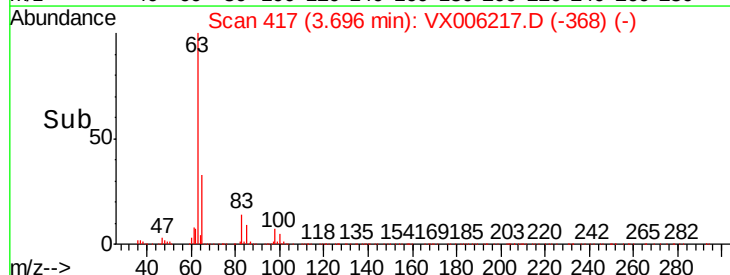
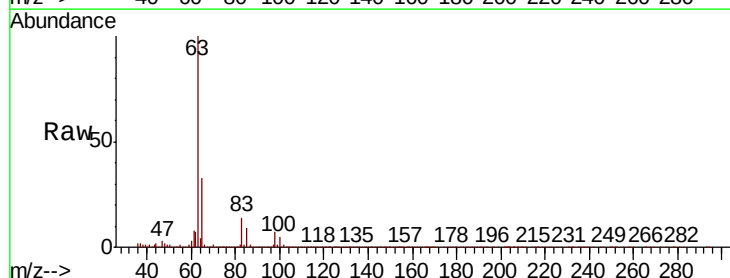
Tgt Ion: 63 Resp: 804271

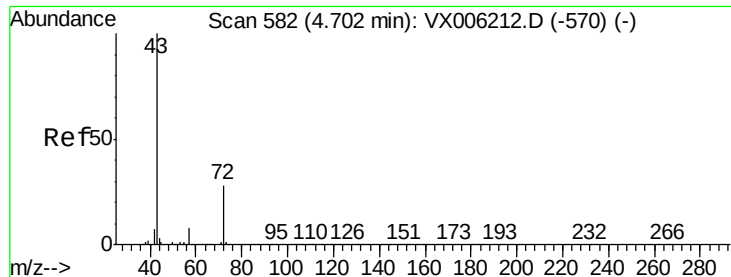
Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.4

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 224.674 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1483064

Ion Ratio Lower Upper

43 100

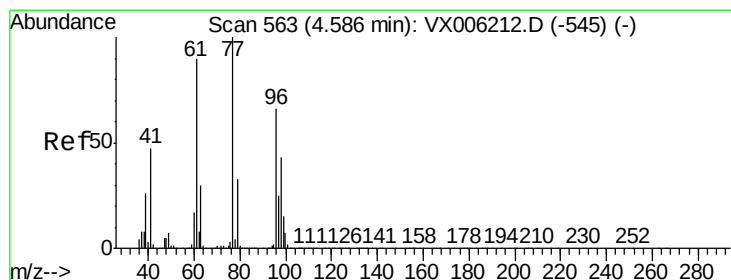
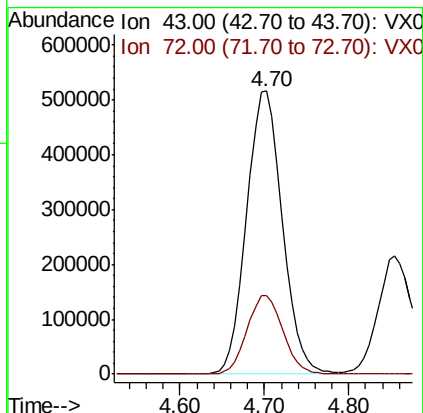
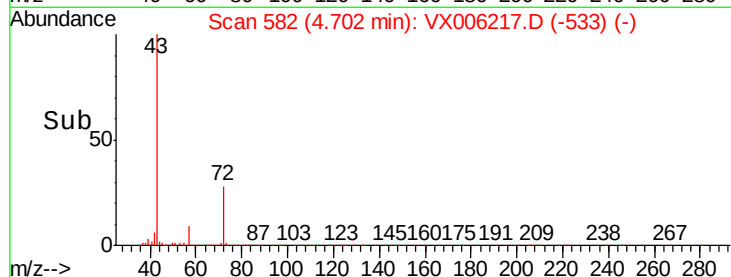
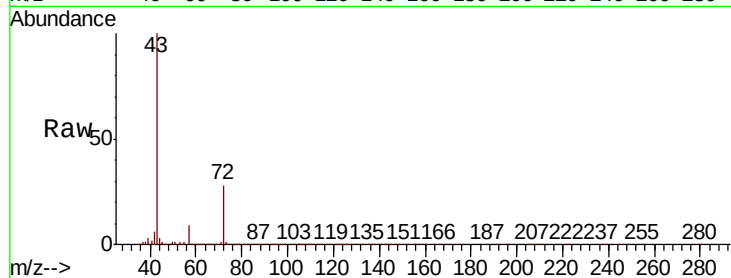
72 27.5 22.6 33.8

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 48.794 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006217.D

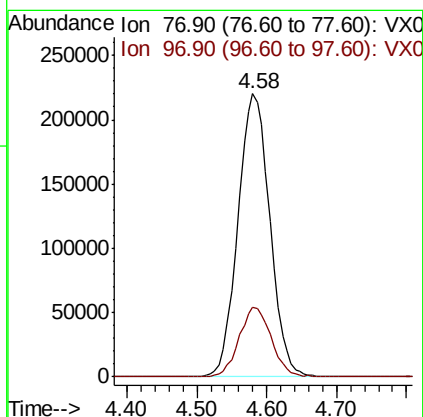
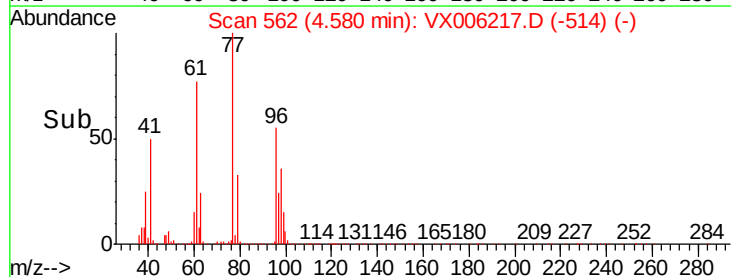
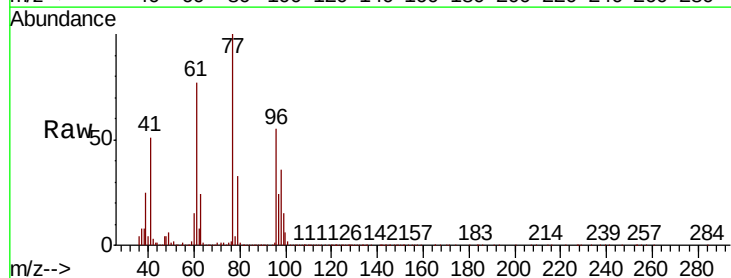
Acq: 30 Nov 2018 09:03

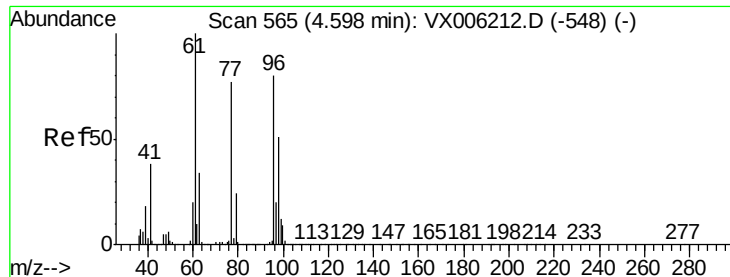
Tgt Ion: 77 Resp: 693940

Ion Ratio Lower Upper

77 100

97 24.5 12.3 36.8





#27

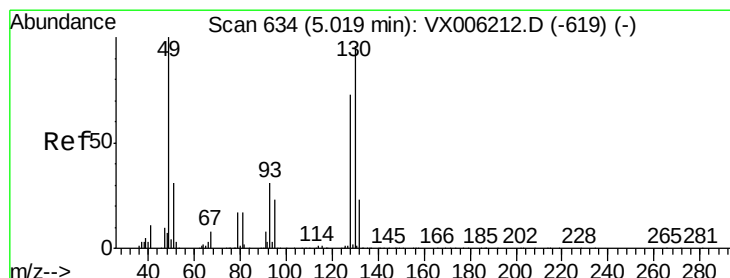
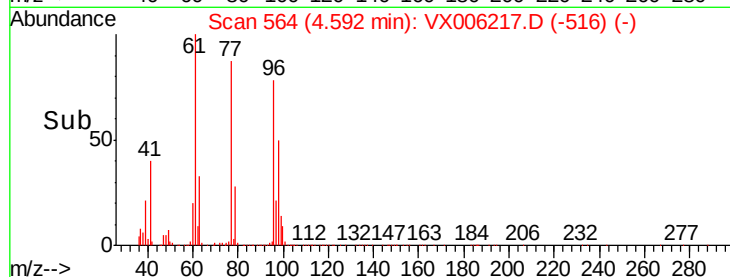
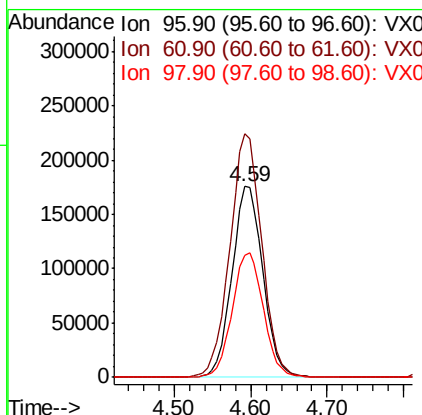
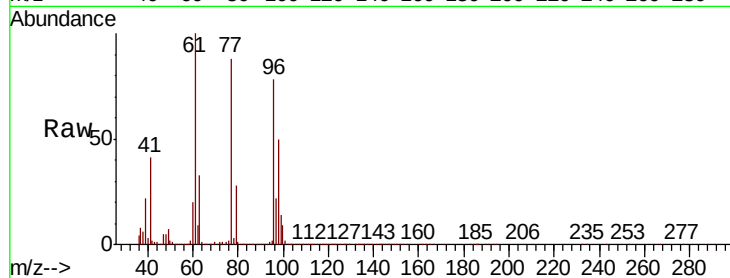
cis-1,2-Dichloroethene  
Concen: 47.189 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 132.3 | 0.0   | 265.0 |
| 98      | 65.4  | 0.0   | 130.2 |

Manual Integrations  
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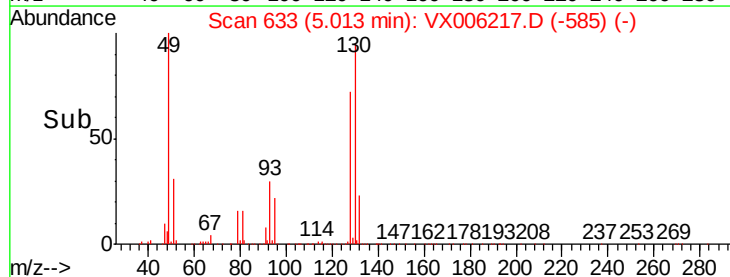
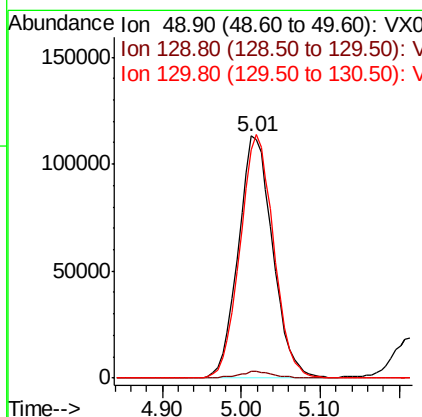
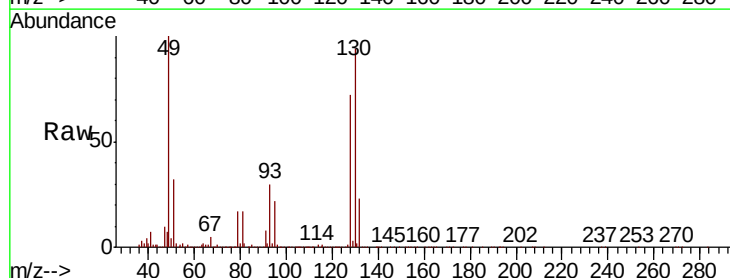
MMDadoda  
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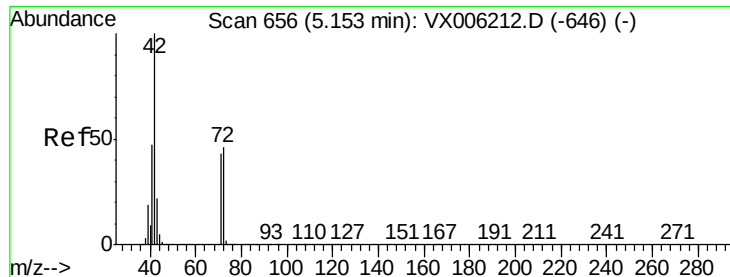


#28

Bromochloromethane  
Concen: 50.812 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. -0.01 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.8   | 0.0   | 5.0   |
| 130     | 98.7  | 78.3  | 117.5 |





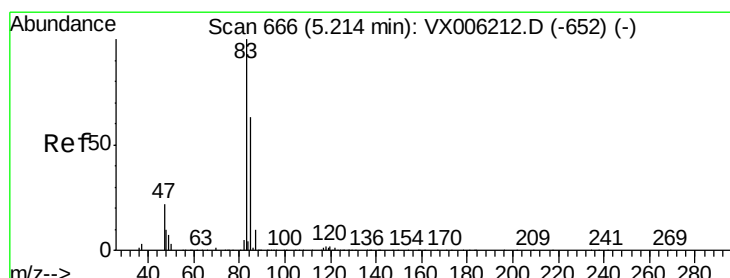
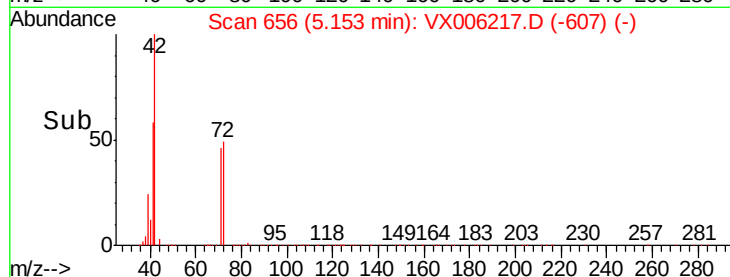
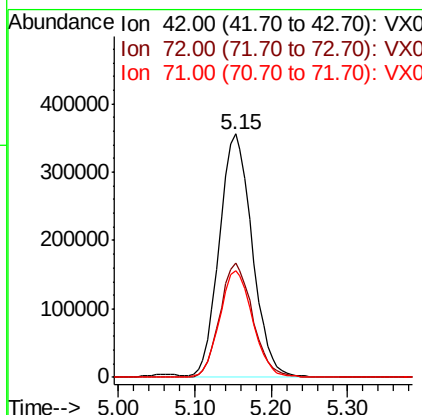
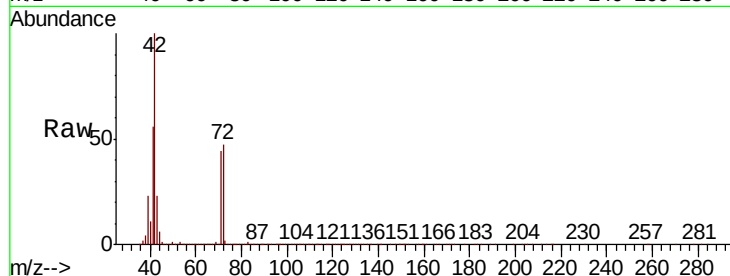
#29  
Tetrahydrofuran  
Concen: 229.841 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 42 Resp: 1054432  
Ion Ratio Lower Upper  
42 100  
72 47.1 37.8 56.8  
71 44.2 35.2 52.8

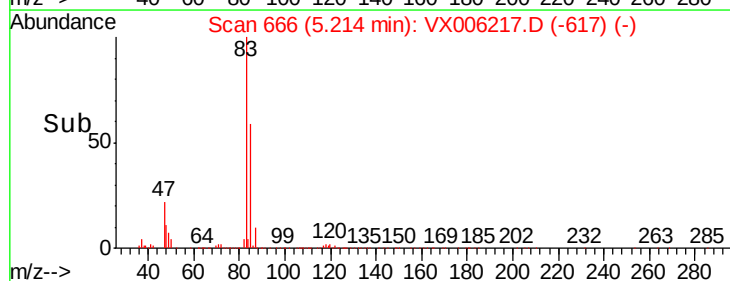
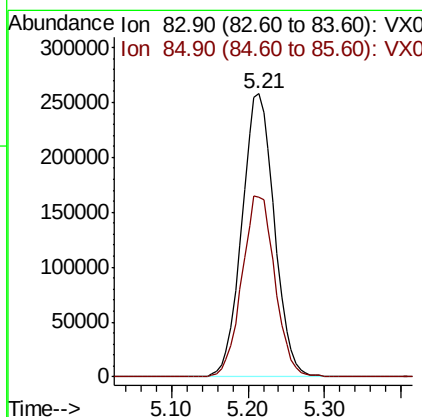
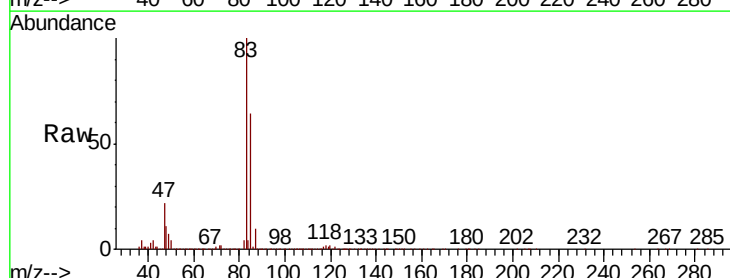
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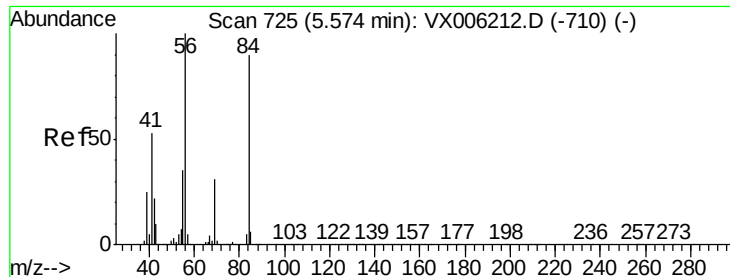
MMDadoda  
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#30  
Chloroform  
Concen: 46.768 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Tgt Ion: 83 Resp: 757354  
Ion Ratio Lower Upper  
83 100  
85 63.6 50.3 75.5





#31

Cyclohexane

Concen: 47.808 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

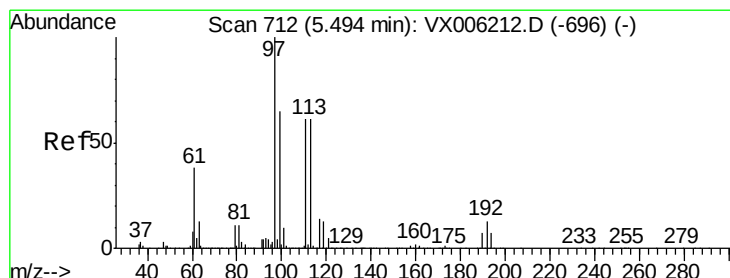
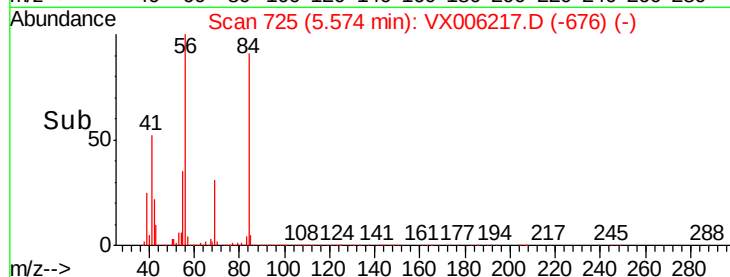
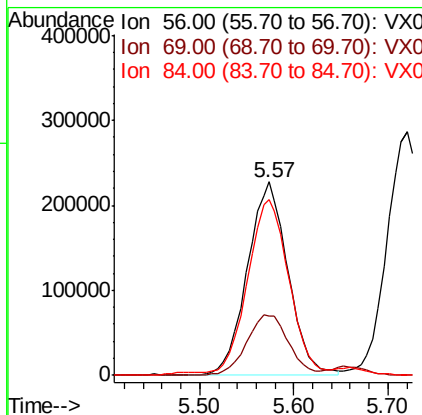
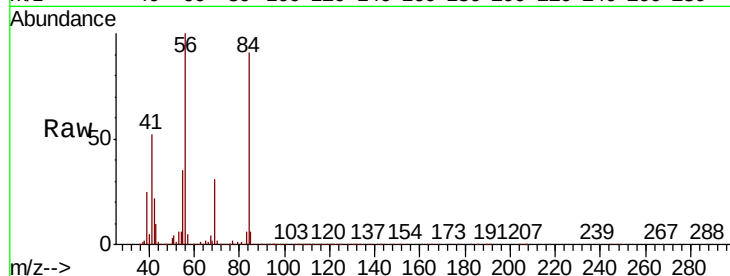
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 680854 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 30.7  | 24.5  | 36.7   |
| 84        | 89.3  | 71.8  | 107.6  |

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#32

1,1,1-Trichloroethane

Concen: 46.626 ug/l

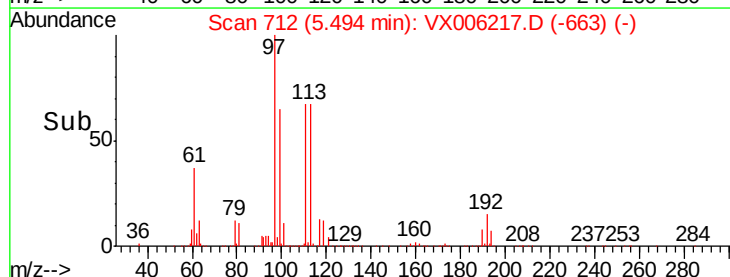
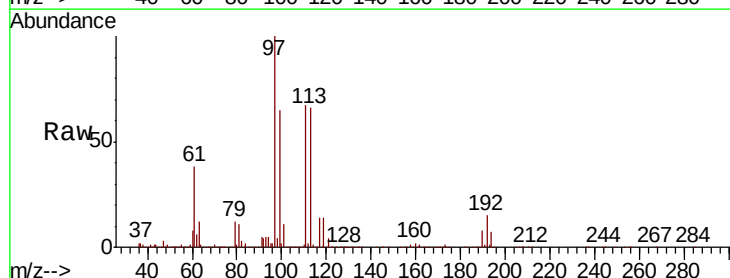
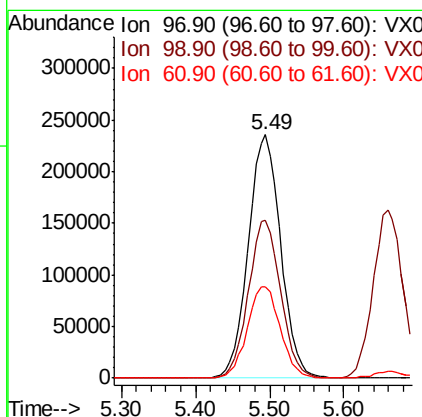
RT: 5.49 min Scan# 712

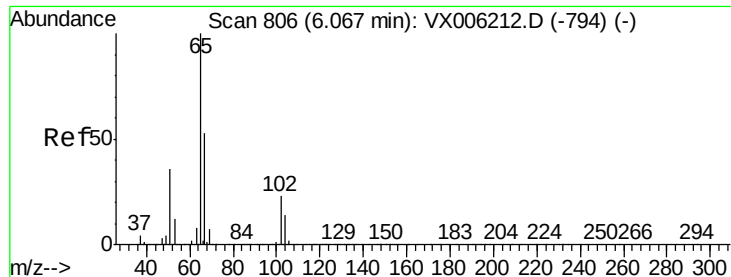
Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 718411 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 64.6  | 51.6  | 77.4   |
| 61        | 38.4  | 30.6  | 46.0   |





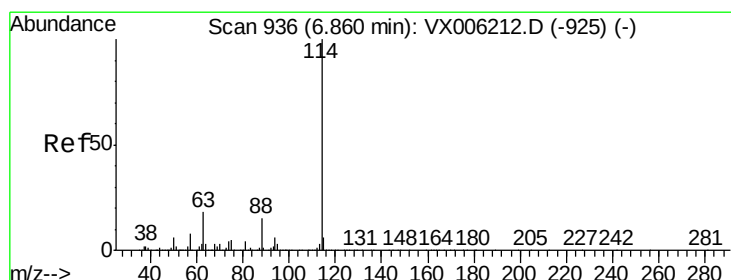
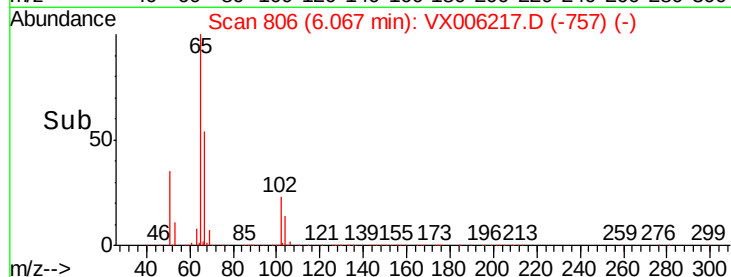
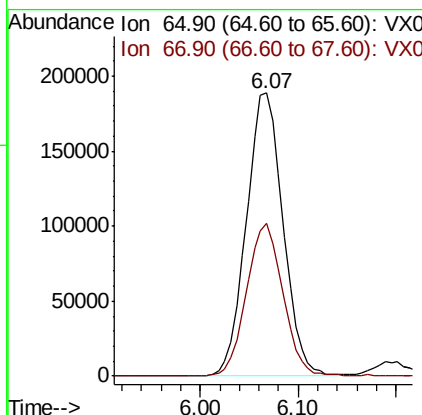
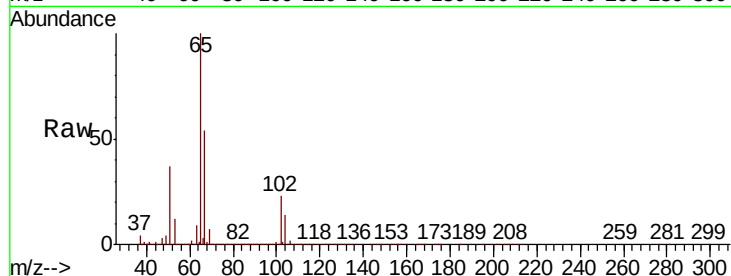
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.773 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 53.1  | 0.0   | 107.2 |

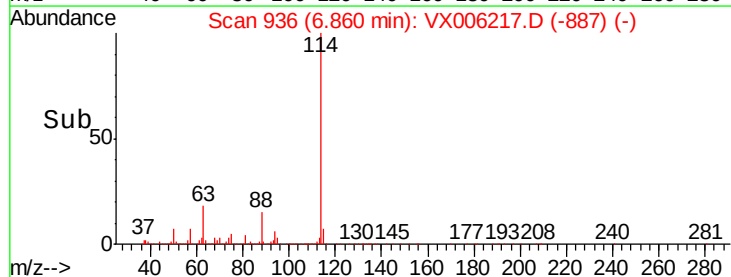
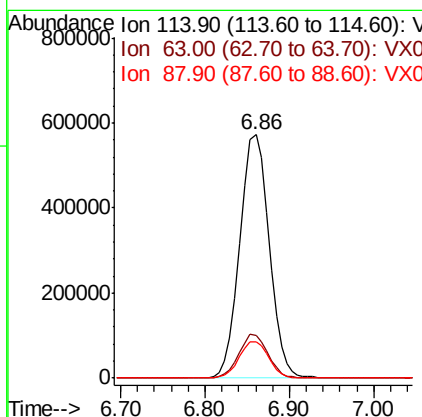
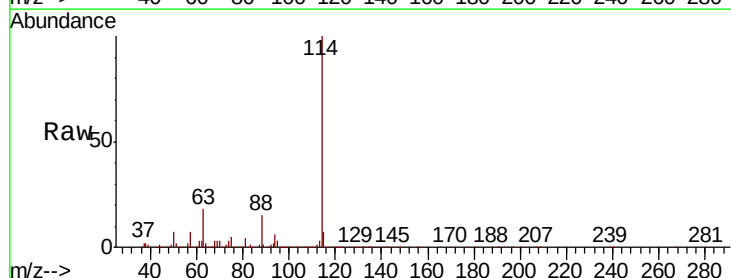
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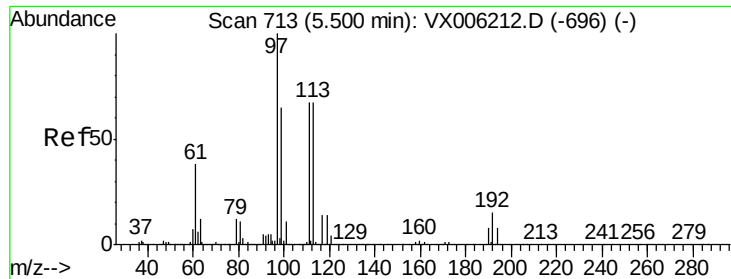
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 17.5  | 0.0   | 36.6  |
| 88      | 14.9  | 0.0   | 29.0  |





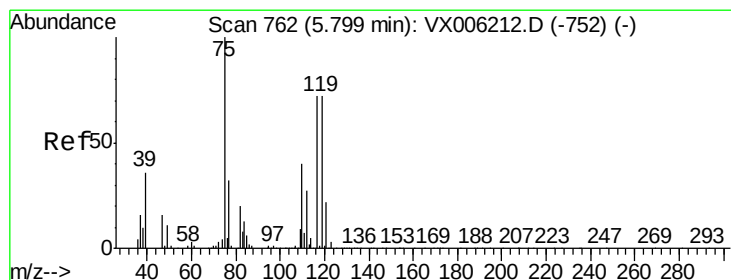
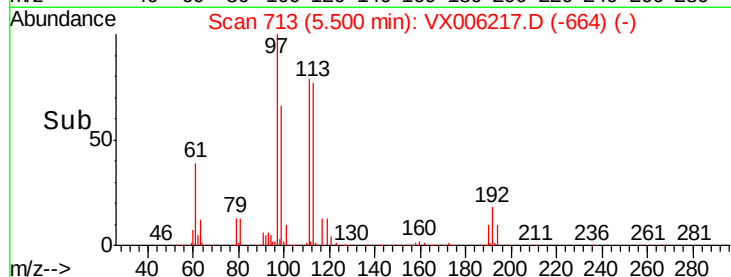
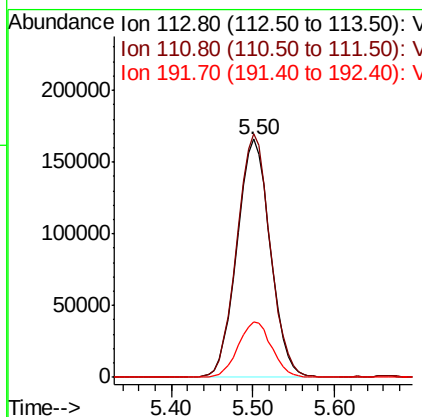
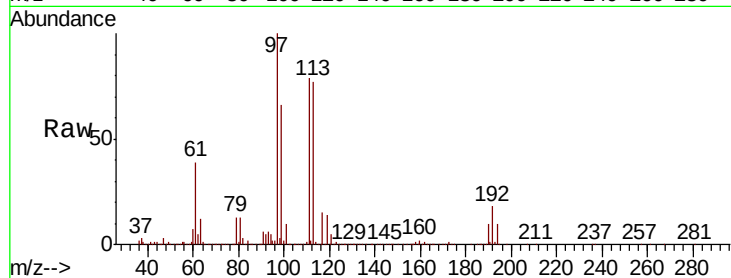
#35  
 Dibromofluoromethane  
 Concen: 53.538 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.0 | 81.1  | 121.7 |
| 192     | 23.5  | 18.2  | 27.2  |

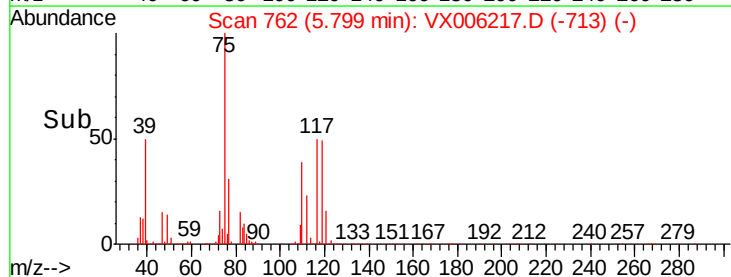
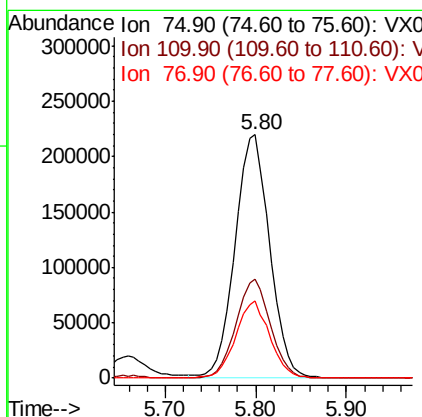
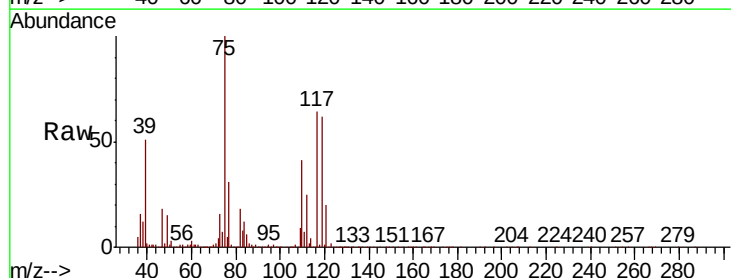
Manual Integrations  
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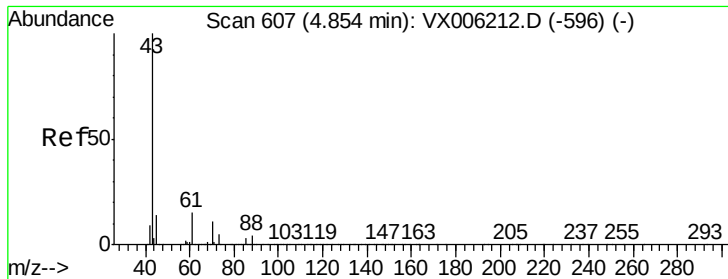
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#36  
 1,1-Dichloropropene  
 Concen: 51.126 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 40.3  | 20.4  | 61.3  |
| 77      | 30.8  | 24.9  | 37.3  |





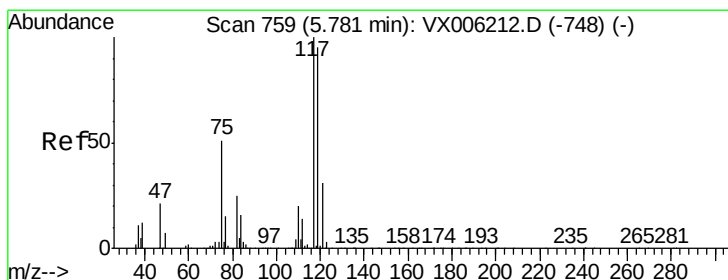
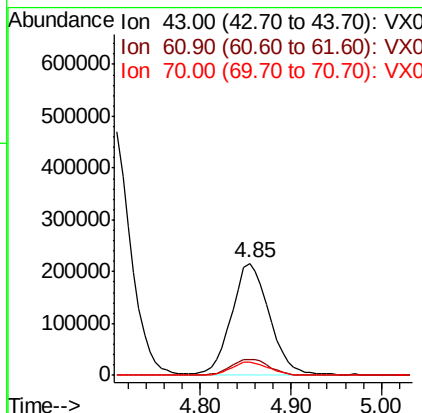
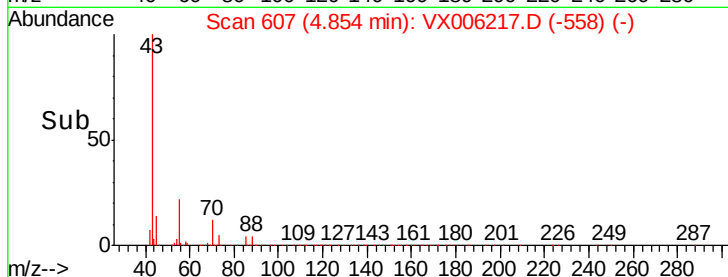
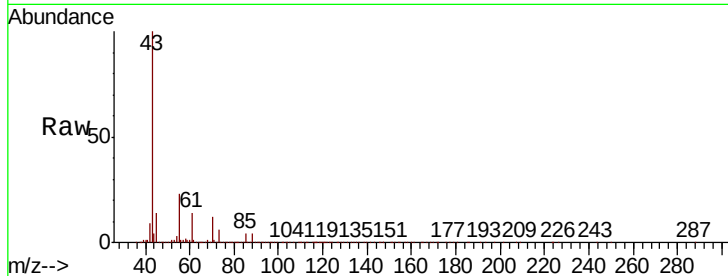
#37  
Ethyl Acetate  
Concen: 48.250 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 616570 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 14.7  | 11.5  | 17.3   |
| 70       | 11.7  | 9.0   | 13.6   |

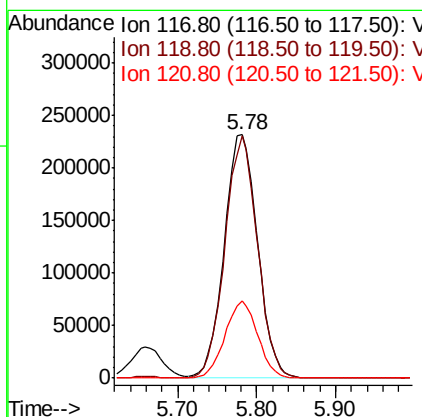
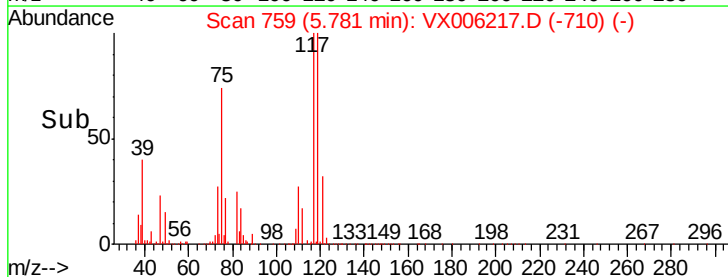
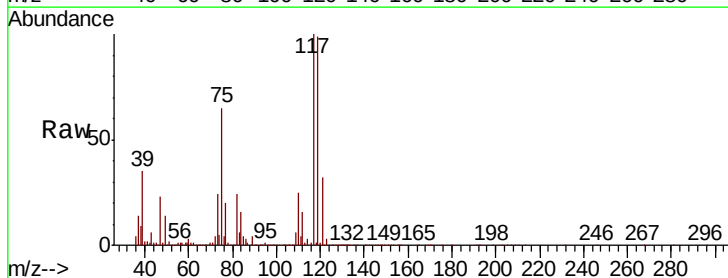
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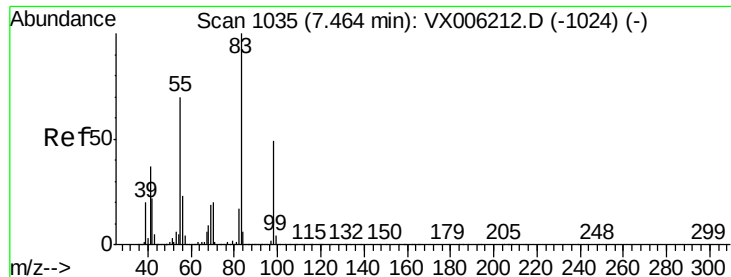


#38  
Carbon Tetrachloride  
Concen: 50.744 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 681181 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 99.4  | 75.8  | 113.8  |
| 121      | 31.6  | 24.6  | 37.0   |







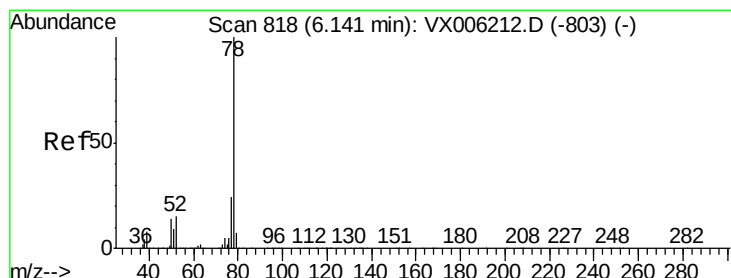
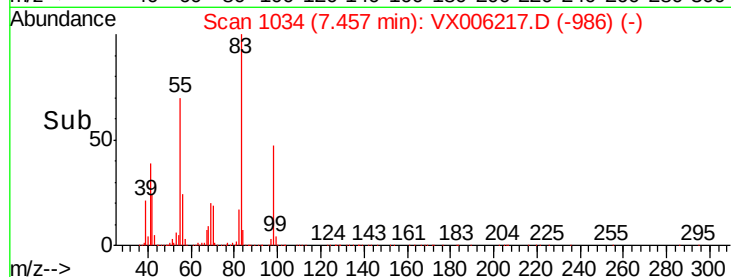
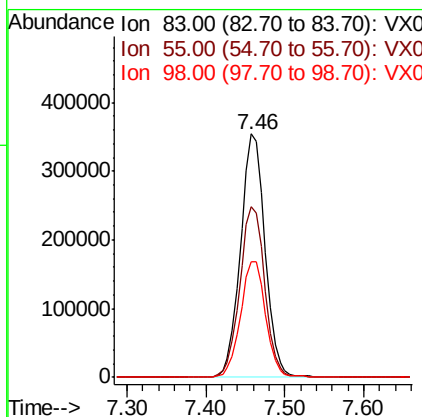
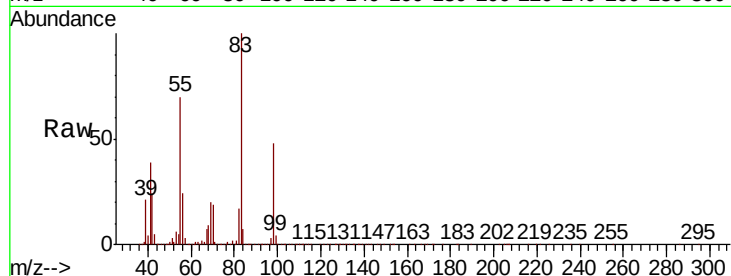
#39  
Methylvlcyclohexane  
Concen: 51.741 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 69.9  | 56.4  | 84.6  |
| 98      | 47.5  | 39.0  | 58.6  |

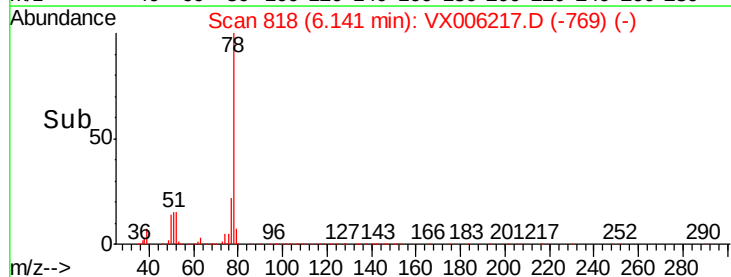
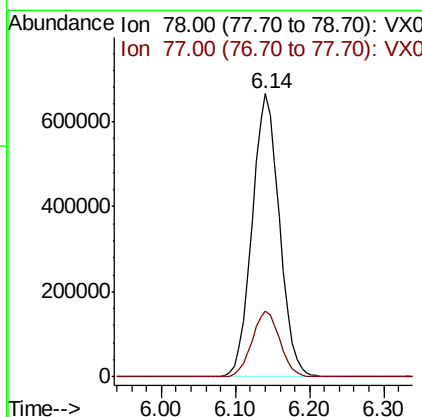
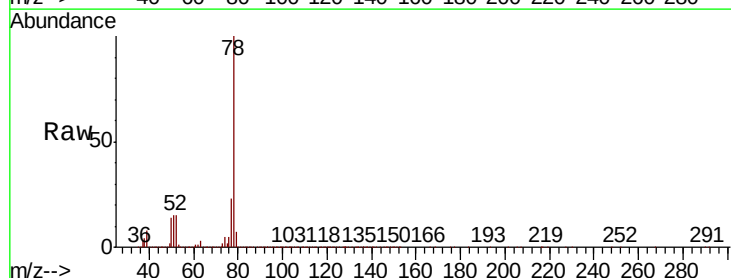
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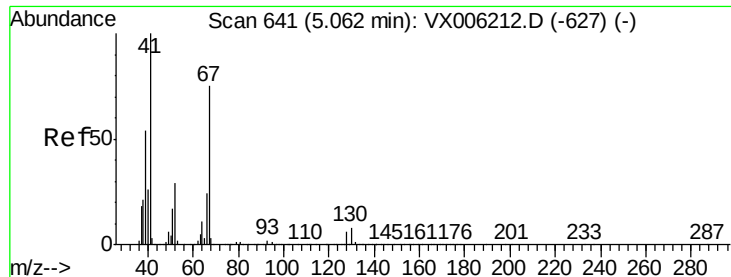
MMDadoda  
12/3/2018 11:59:23 AM



#40  
Benzene  
Concen: 49.944 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.1  | 19.2  | 28.8  |





#41

Methacrylonitrile

Concen: 48.225 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

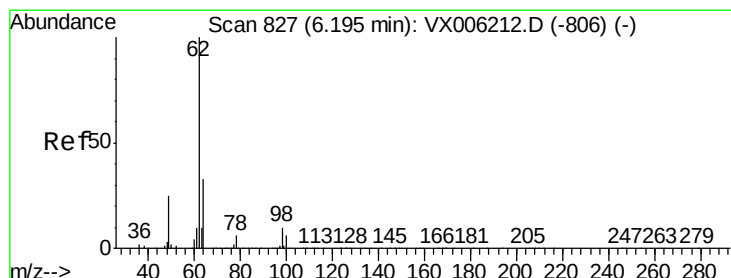
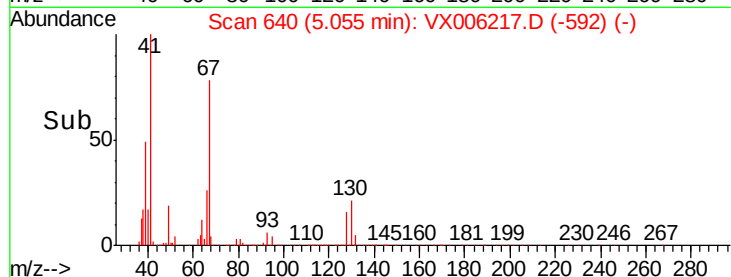
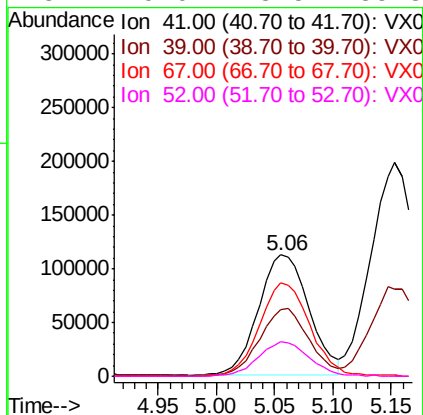
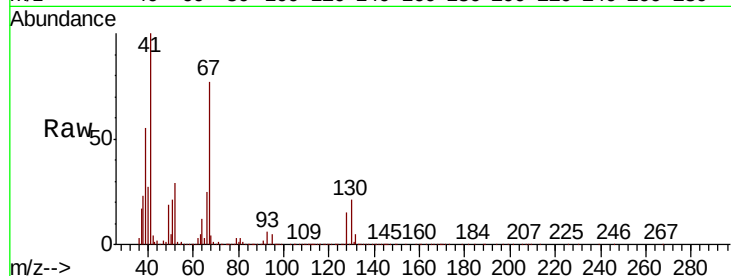
ClientSampleId :

VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.5 | 44.0  | 66.0  |       |
| 67      | 76.3 | 61.4  | 92.0  |       |
| 52      | 29.0 | 23.5  | 35.3  |       |

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#42

1,2-Dichloroethane

Concen: 49.958 ug/l

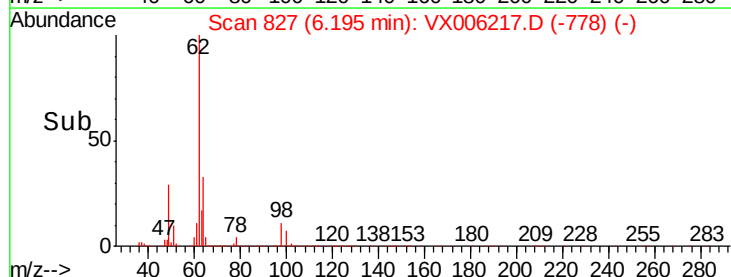
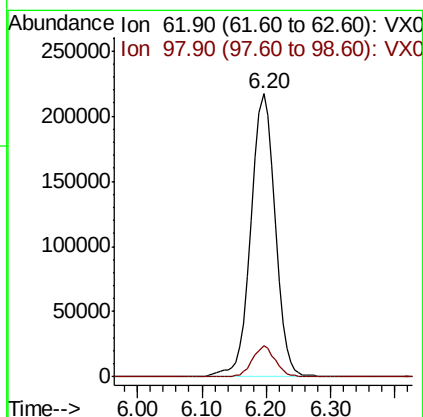
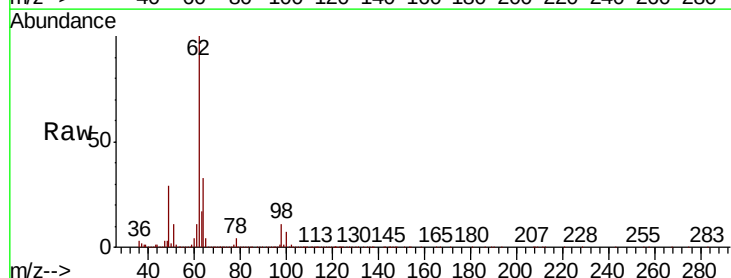
RT: 6.20 min Scan# 827

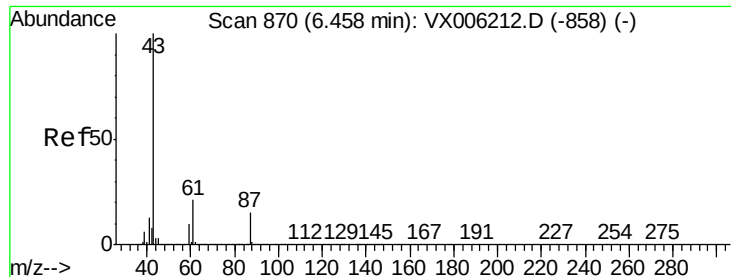
Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.1 | 0.0   | 20.2  |       |





#43

Isopropyl Acetate

Concen: 49.104 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

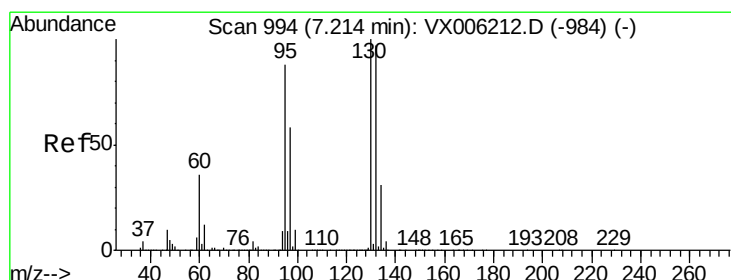
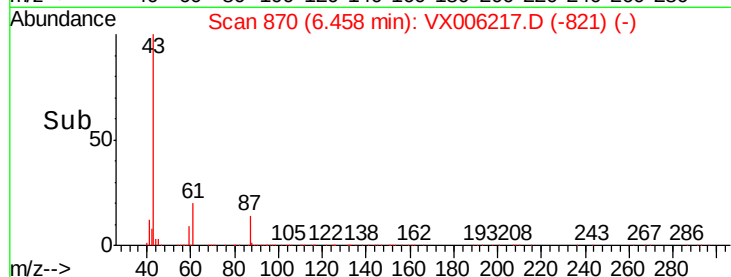
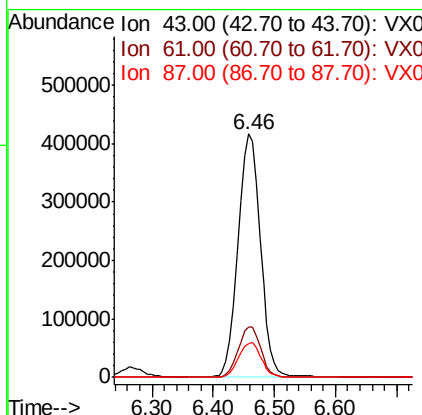
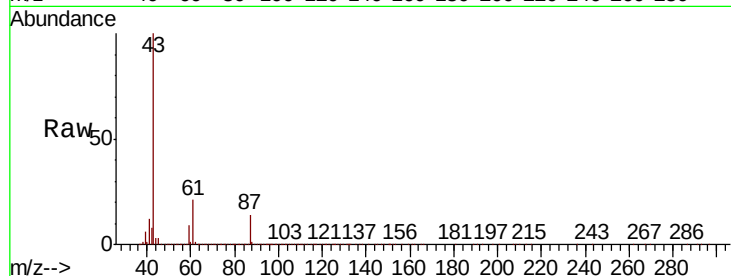
ClientSampleId :

VSTDCCC050

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 43    | Resp: | 1046194 |
| Ion      | Ratio | Lower | Upper   |
| 43       | 100   |       |         |
| 61       | 20.8  | 16.8  | 25.2    |
| 87       | 14.6  | 11.9  | 17.9    |

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#44

Trichloroethene

Concen: 50.999 ug/l

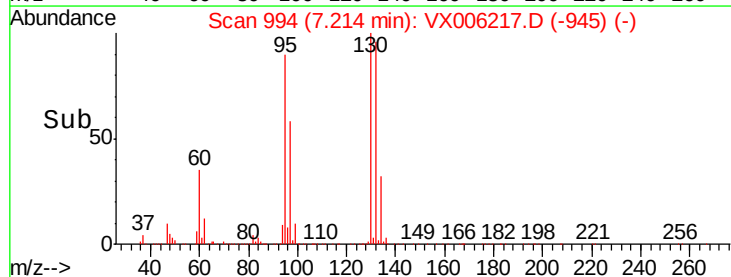
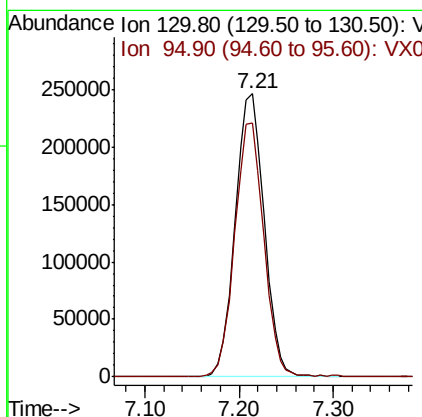
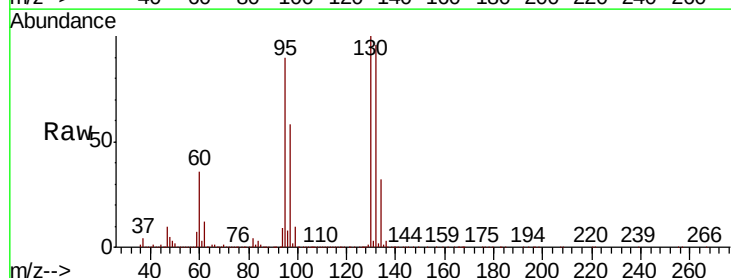
RT: 7.21 min Scan# 994

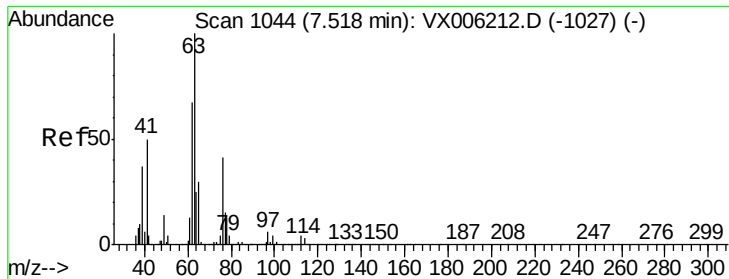
Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 528012 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 89.8  | 0.0   | 175.8  |





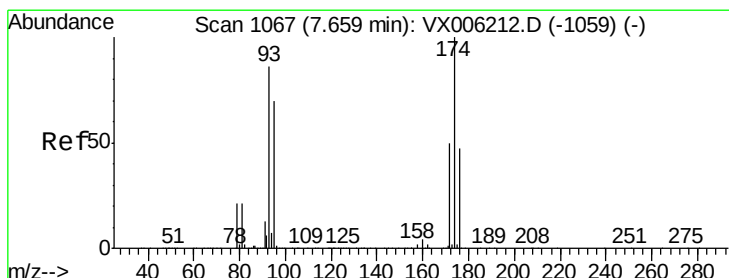
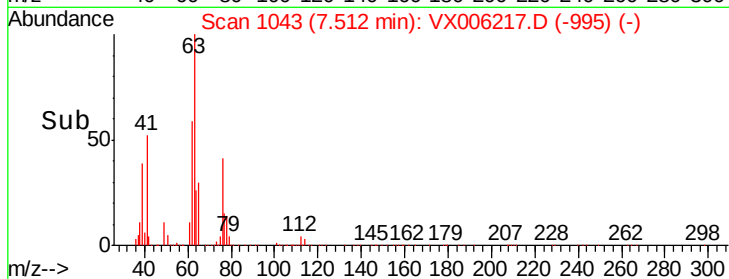
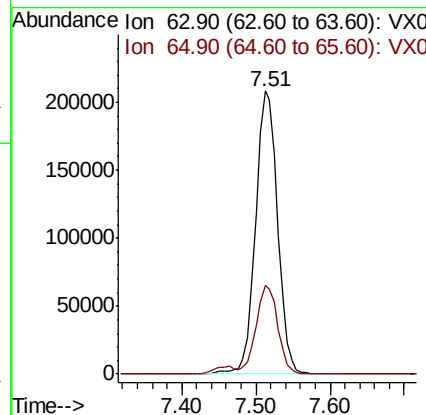
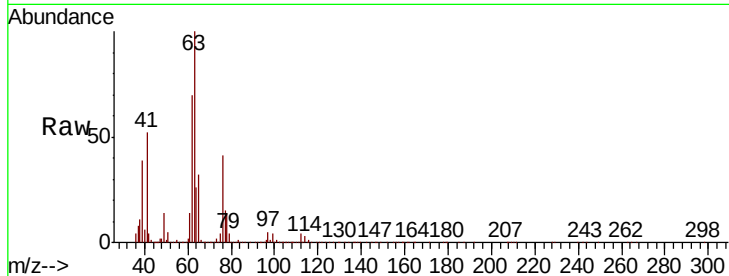
#45  
 1,2-Dichloropropane  
 Concen: 49.876 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.01 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.4  | 24.3  | 36.5  |

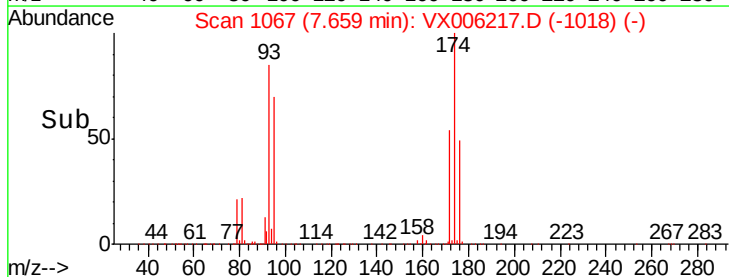
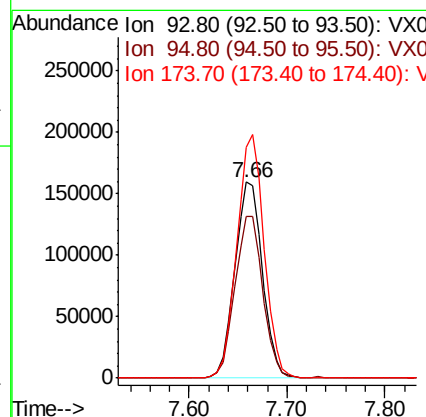
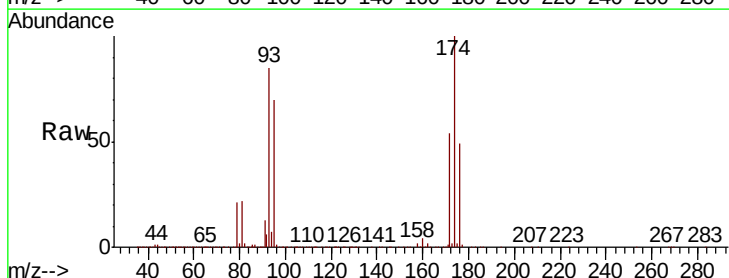
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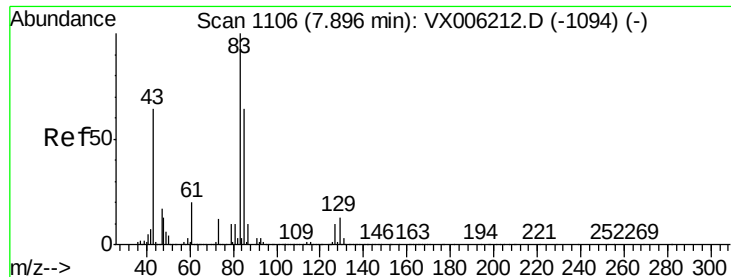
MMDadoda  
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#46  
 Dibromomethane  
 Concen: 49.639 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.4  | 66.2  | 99.4  |
| 174     | 122.9 | 97.2  | 145.8 |





#47

Bromodichloromethane

Concen: 50.813 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

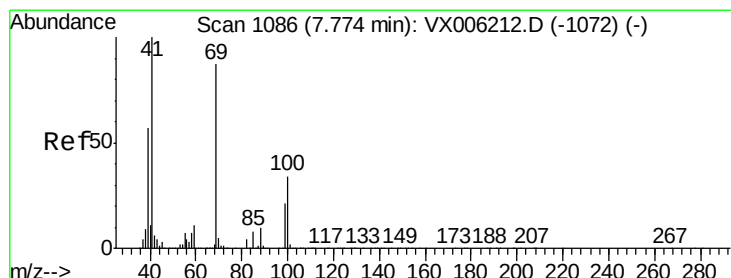
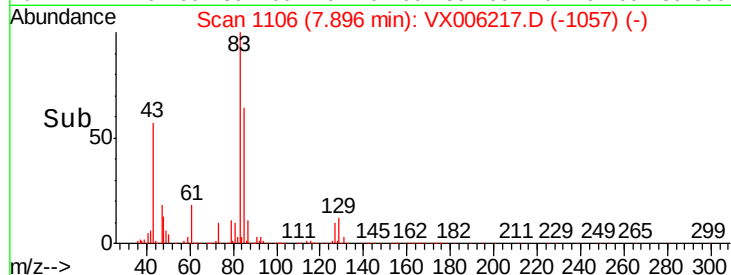
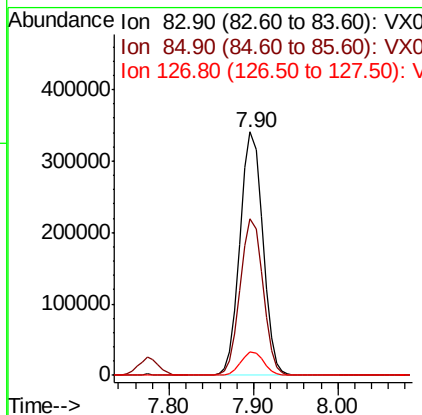
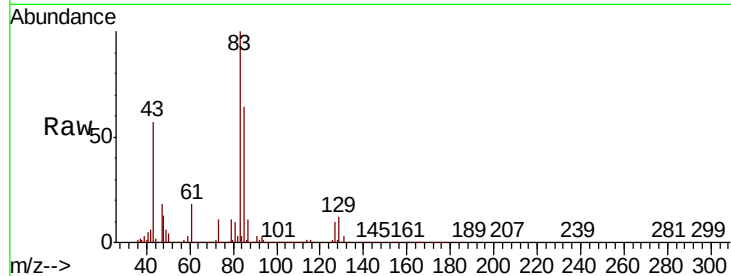
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 617290 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.4  | 51.4  | 77.0   |
| 127      | 9.9   | 7.9   | 11.9   |

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#48

Methyl methacrylate

Concen: 50.130 ug/l

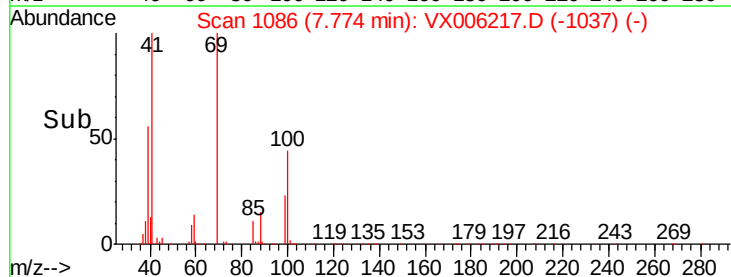
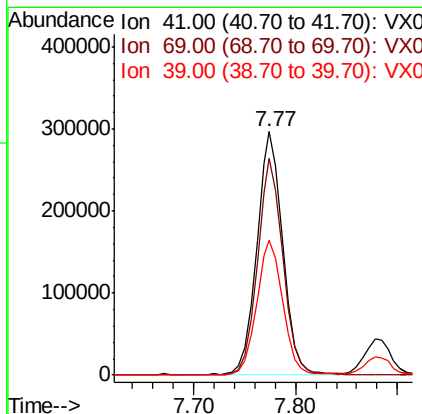
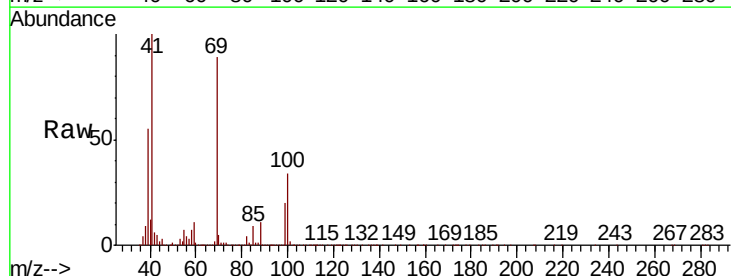
RT: 7.77 min Scan# 1086

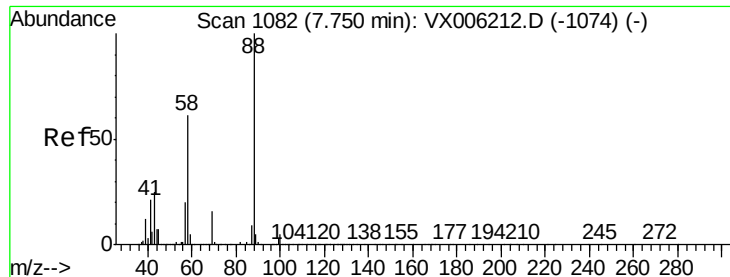
Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 519589 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 87.9  | 70.3  | 105.5  |
| 39       | 56.0  | 45.3  | 67.9   |





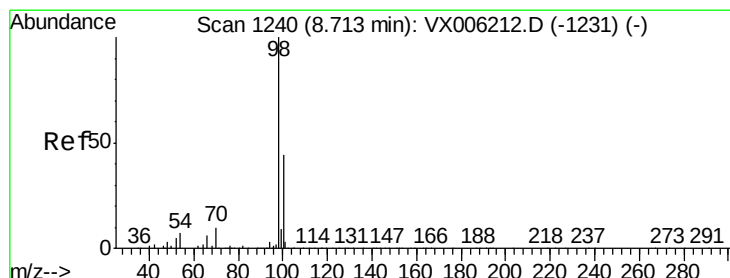
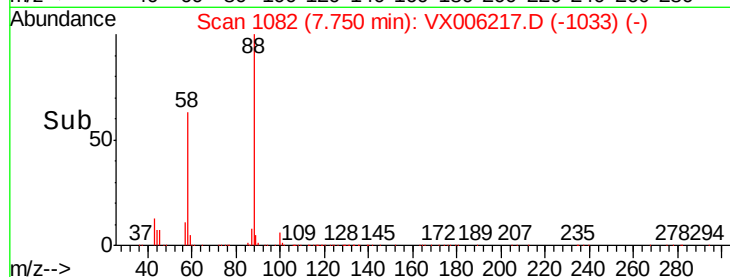
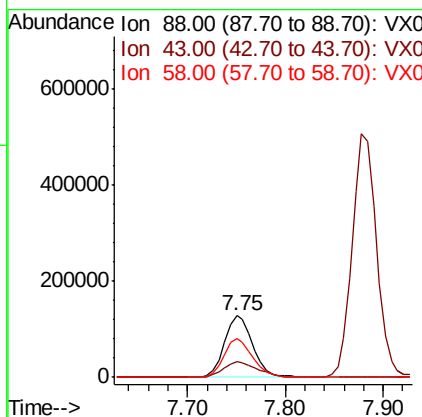
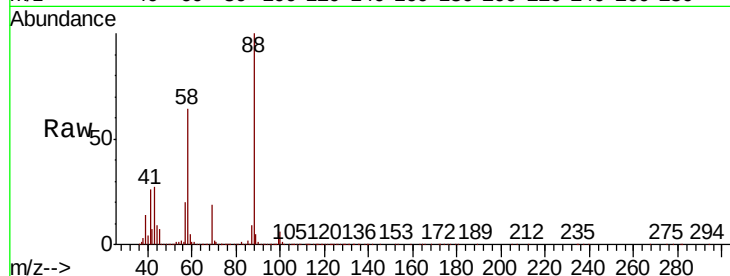
#49  
1,4-Dioxane  
Concen: 1003.682 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 28.7  | 23.2  | 34.8  |
| 58      | 63.6  | 51.4  | 77.0  |

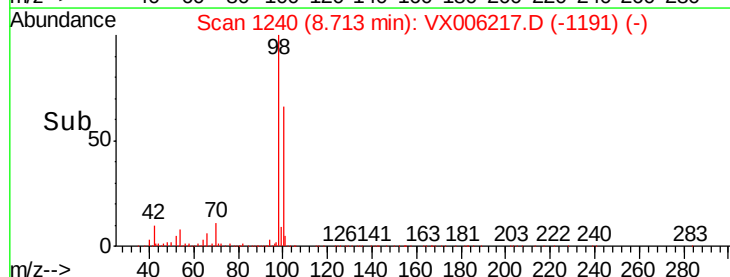
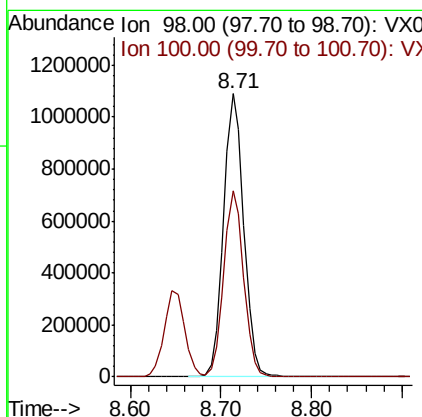
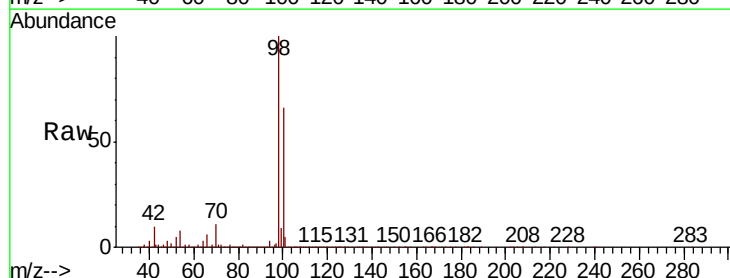
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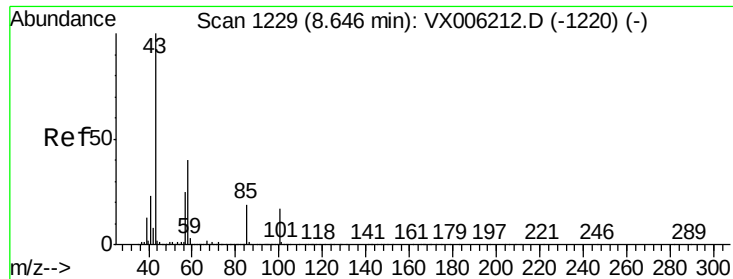
MMDadoda  
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#50  
Toluene-d8  
Concen: 52.911 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.2  | 52.2  | 78.2  |





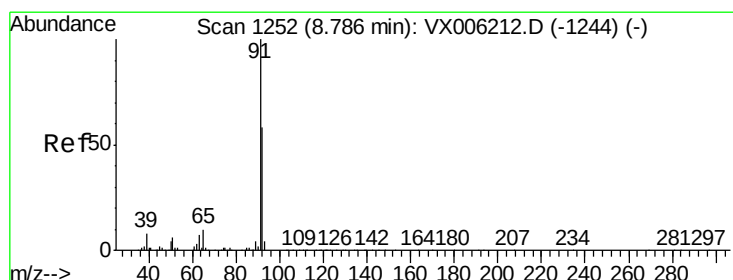
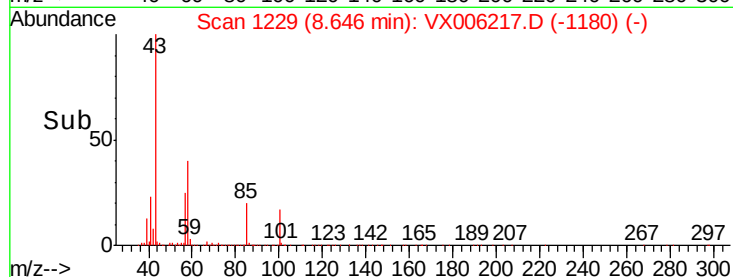
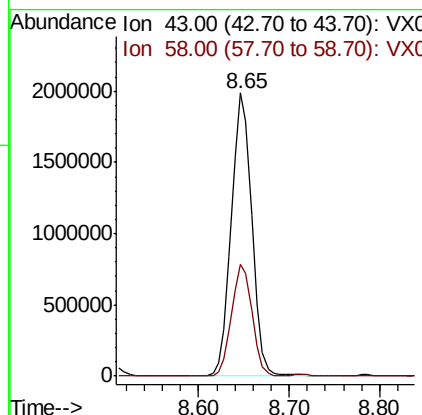
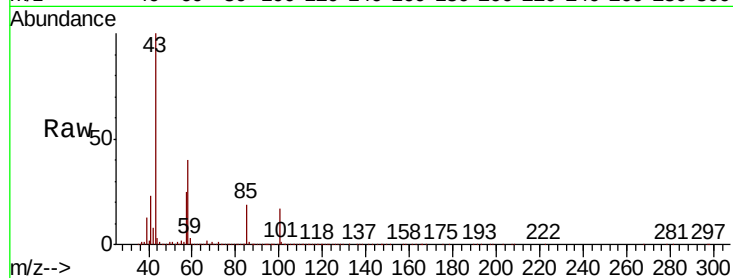
#51  
 4-Methyl-2-Pentanone  
 Concen: 251.124 ug/l  
 RT: 8.65 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 3114661  
 Ion Ratio Lower Upper  
 43 100  
 58 39.5 31.3 46.9

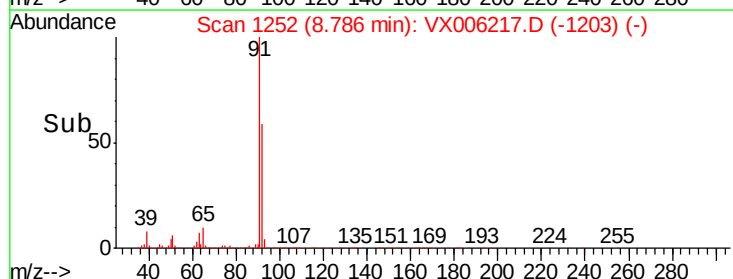
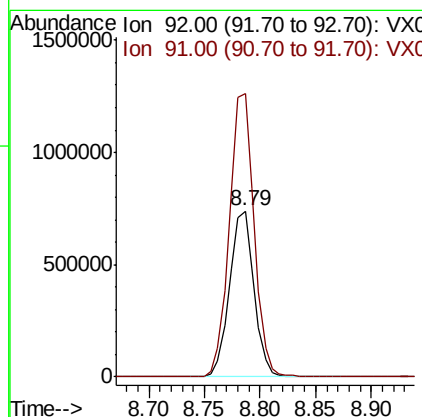
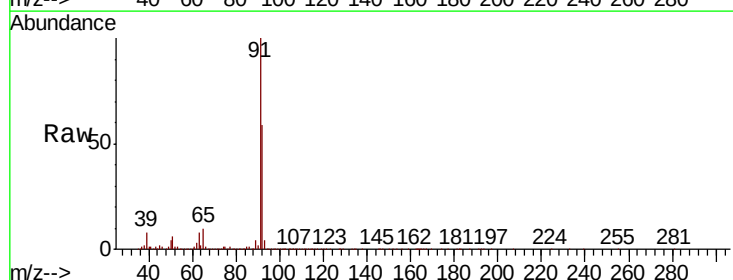
Manual Integrations  
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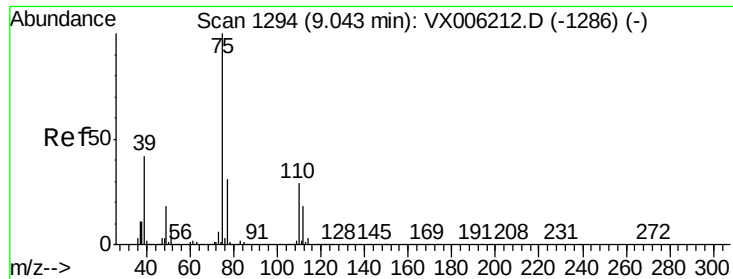
MMDadoda  
 12/3/2018 11:59:23 AM



#52  
 Toluene  
 Concen: 50.011 ug/l  
 RT: 8.79 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

Tgt Ion: 92 Resp: 1124469  
 Ion Ratio Lower Upper  
 92 100  
 91 172.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 50.983 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 724334

Ion Ratio Lower Upper

75 100

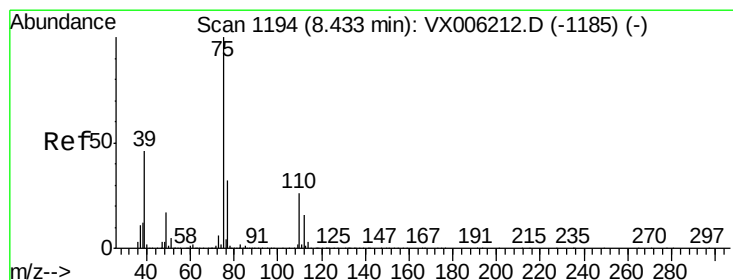
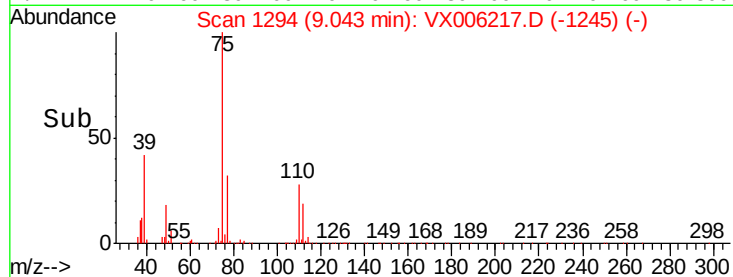
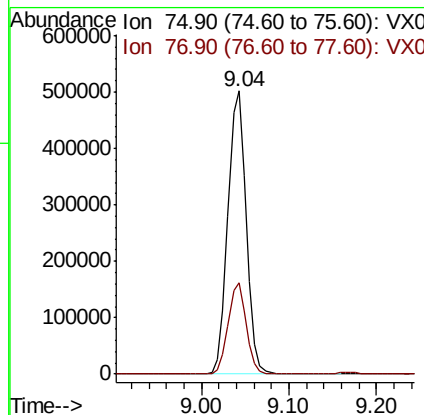
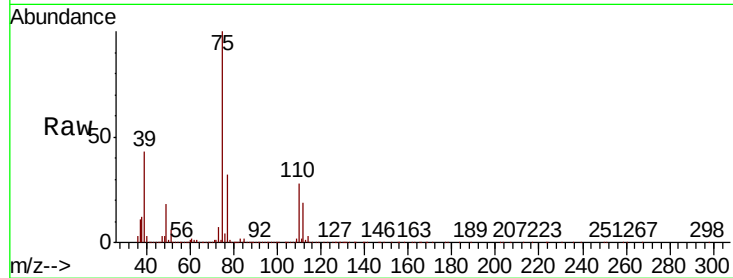
77 32.0 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 50.425 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

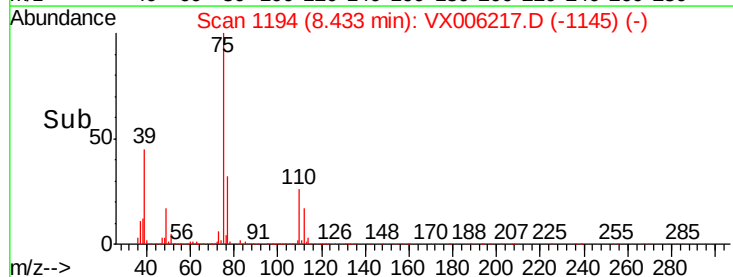
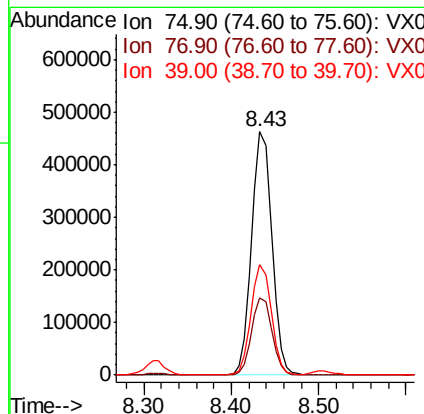
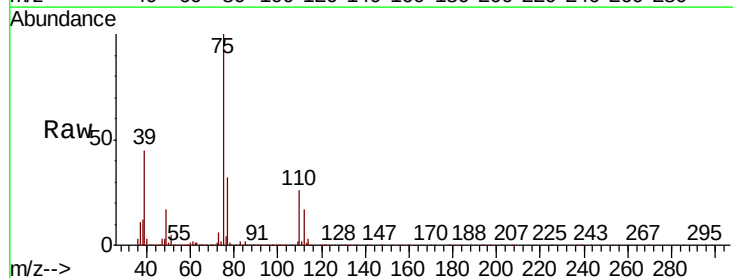
Tgt Ion: 75 Resp: 743897

Ion Ratio Lower Upper

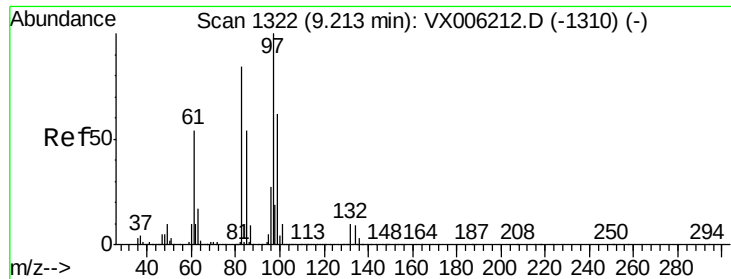
75 100

77 31.9 25.6 38.4

39 45.3 36.5 54.7







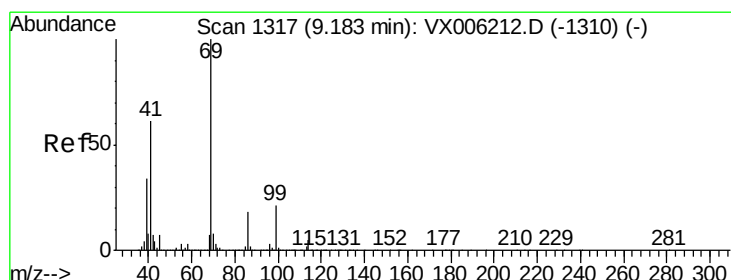
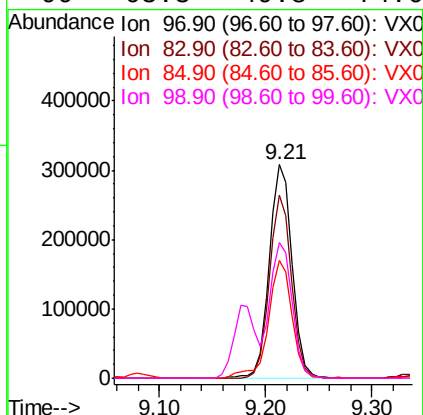
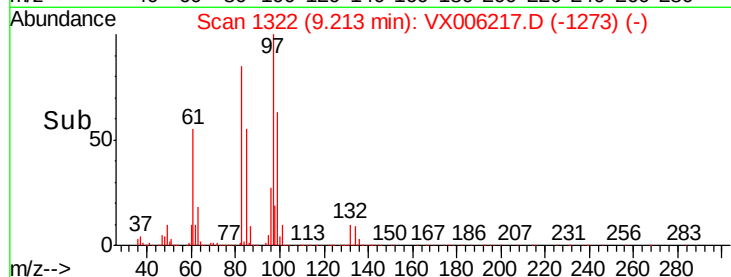
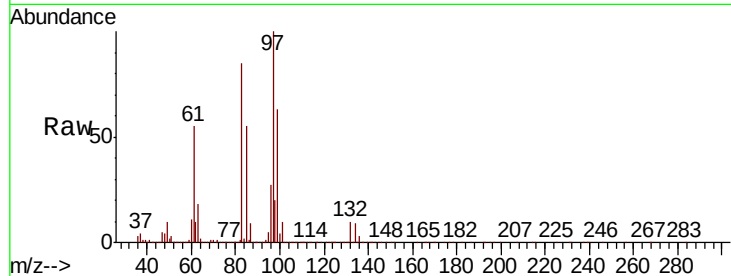
#55  
 1,1,2-Trichloroethane  
 Concen: 50.279 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 459274 |       |       |
| 83      | 85.4 | 67.1  | 100.7  |       |       |
| 85      | 55.1 | 43.2  | 64.8   |       |       |
| 99      | 63.3 | 49.8  | 74.6   |       |       |

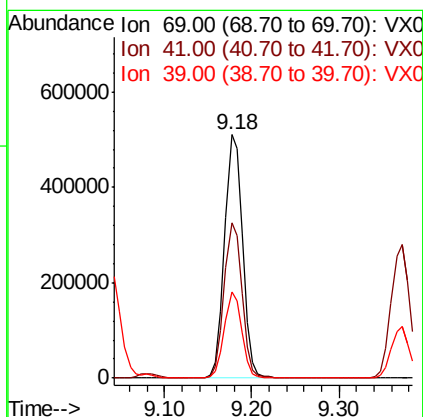
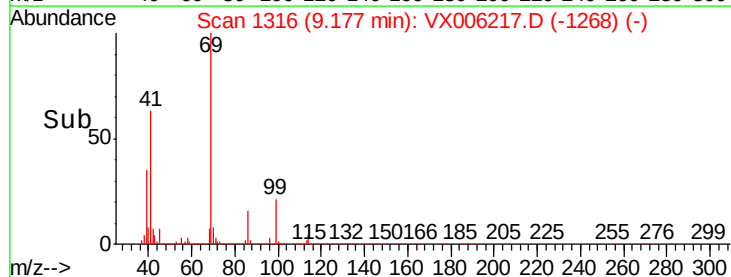
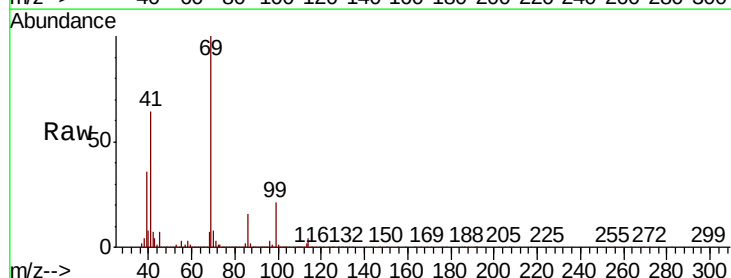
Manual Integrations  
 APPROVED

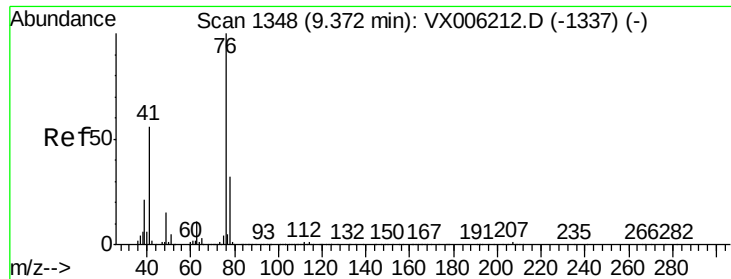
MMDadoda  
 12/3/2018 11:59:23 AM



#56  
 Ethyl methacrylate  
 Concen: 50.735 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.01 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 724499 |       |       |
| 41      | 63.2 | 50.6  | 76.0   |       |       |
| 39      | 34.3 | 27.6  | 41.4   |       |       |





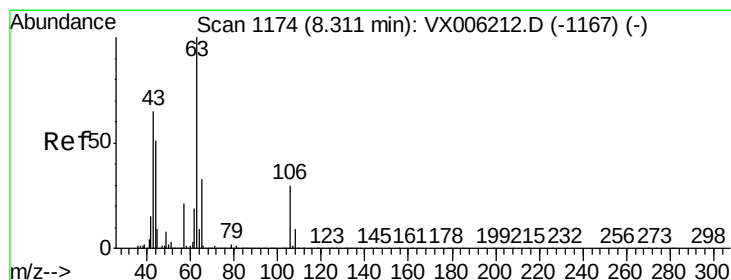
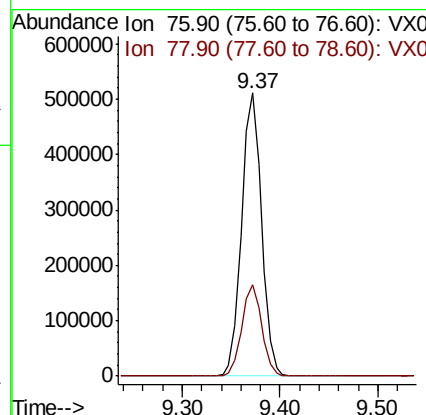
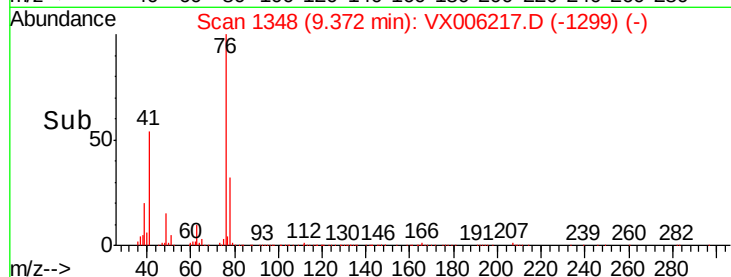
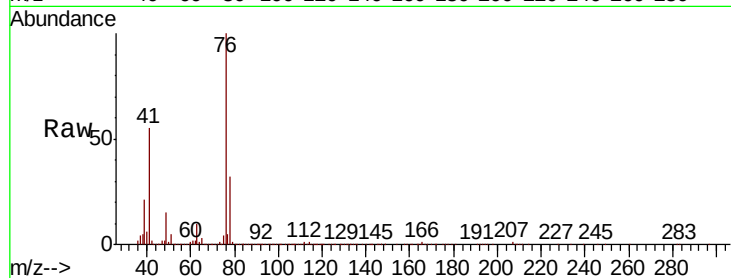
#57  
 1,3-Dichloropropane  
 Concen: 50.081 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.1  | 26.1  | 39.1  |

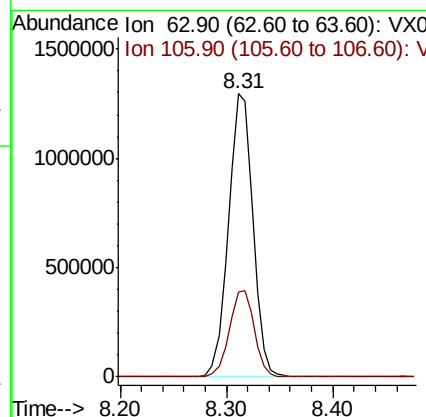
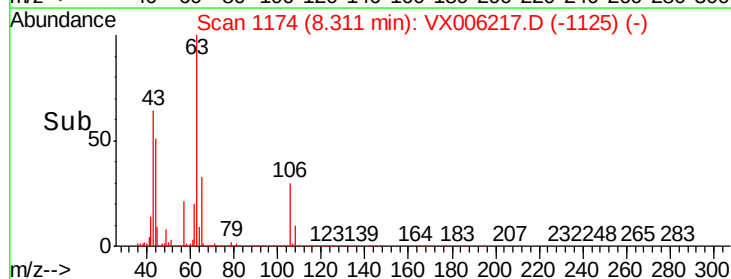
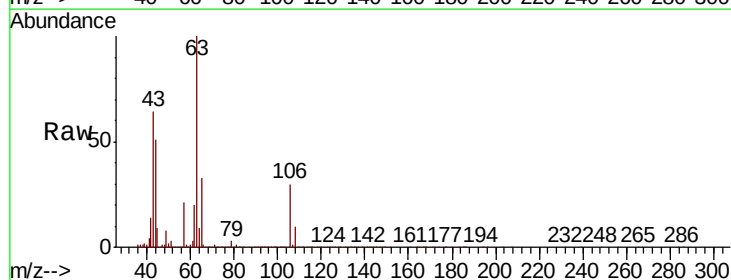
Manual Integrations  
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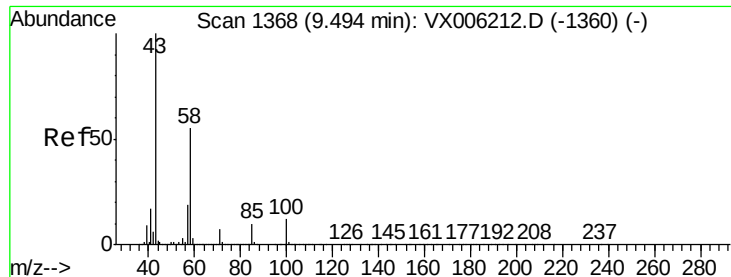
MMDadoda  
 12/3/2018 11:59:23 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 286.933 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 31.0  | 24.9  | 37.3  |





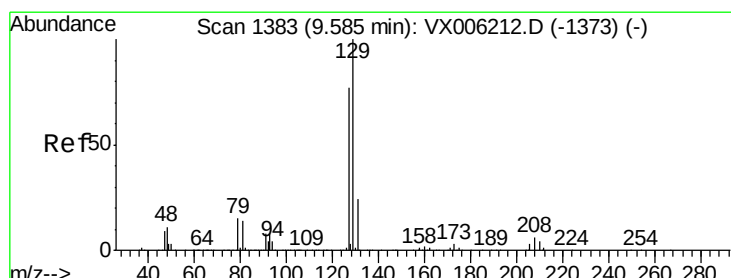
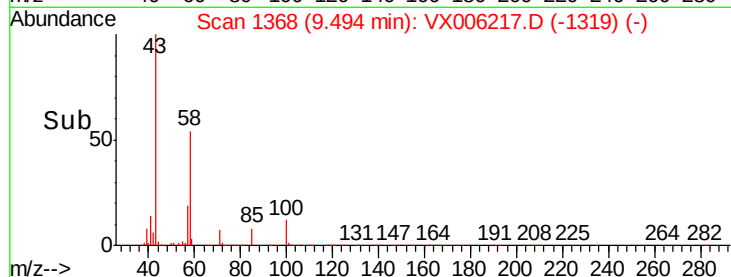
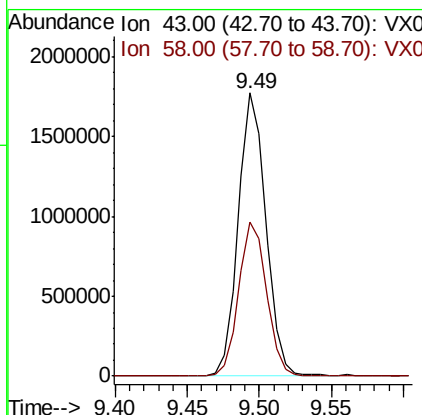
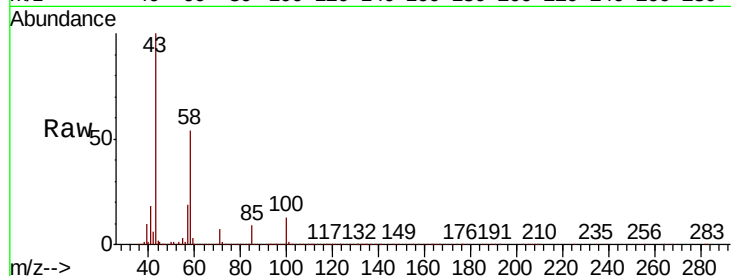
#59  
2-Hexanone  
Concen: 249.470 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 2363928  
Ion Ratio Lower Upper  
43 100  
58 55.0 27.7 83.1

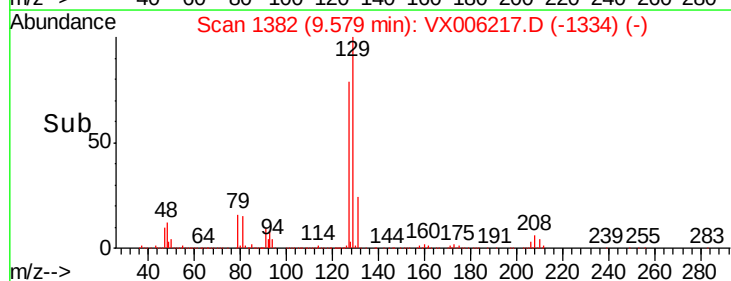
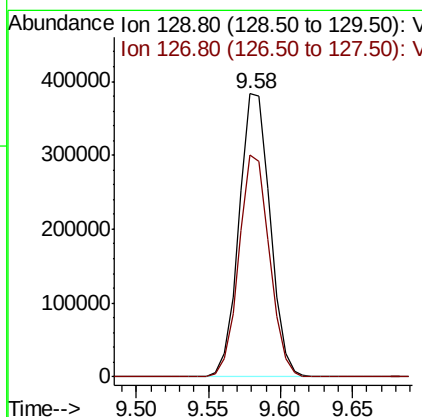
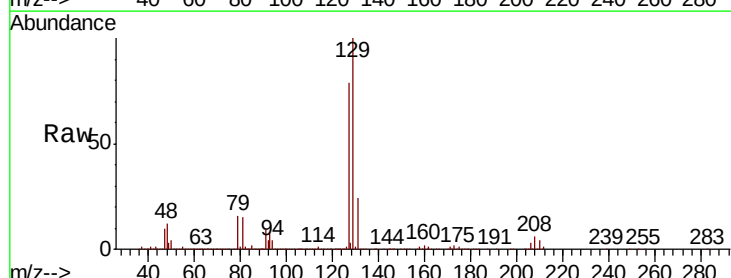
Manual Integrations  
APPROVED

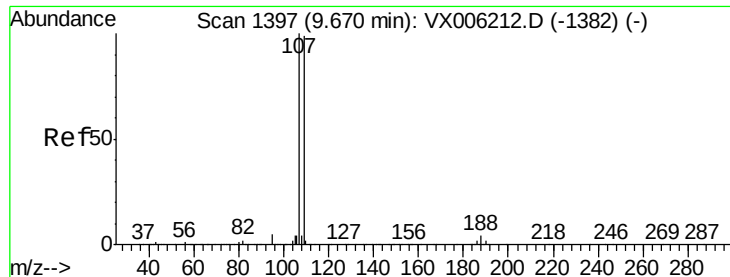
MMDadoda  
12/3/2018 11:59:23 AM



#60  
Dibromochloromethane  
Concen: 50.820 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.01 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Tgt Ion: 129 Resp: 572415  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.741 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 508039

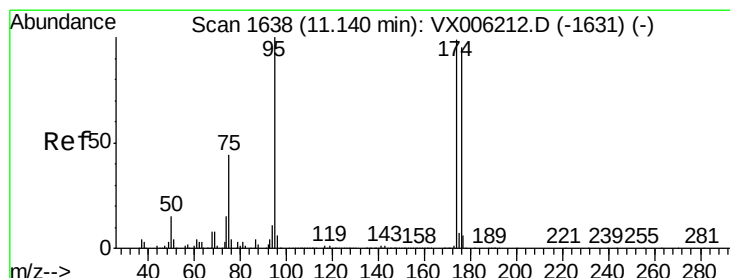
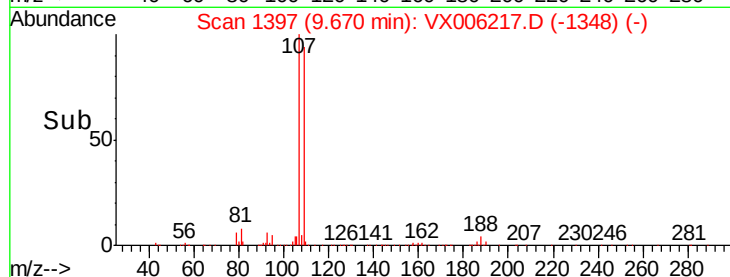
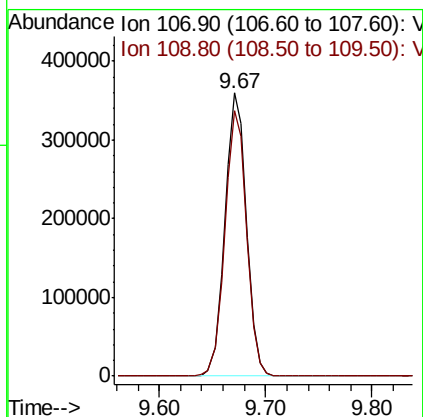
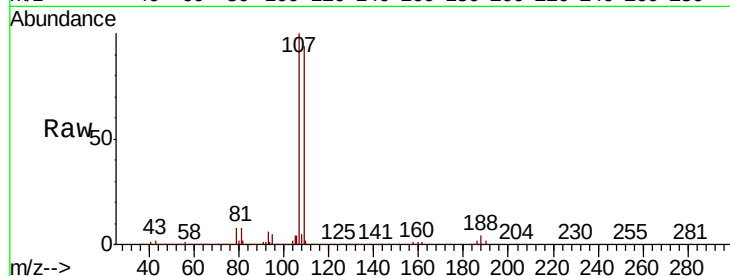
Ion Ratio Lower Upper

107 100

109 94.9 76.3 114.5

Manual Integrations  
APPROVED

MMDadoda  
12/3/2018 11:59:23 AM



#62

4-Bromofluorobenzene

Concen: 55.035 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

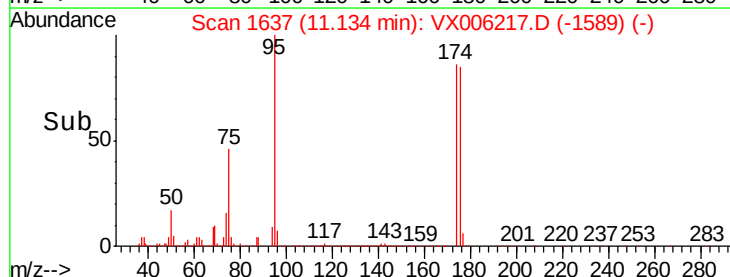
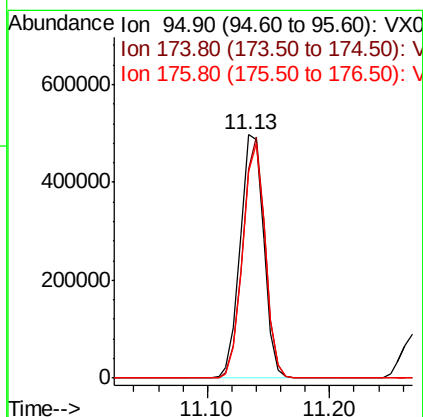
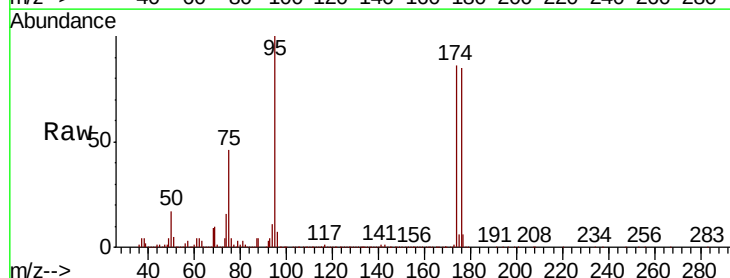
Tgt Ion: 95 Resp: 661814

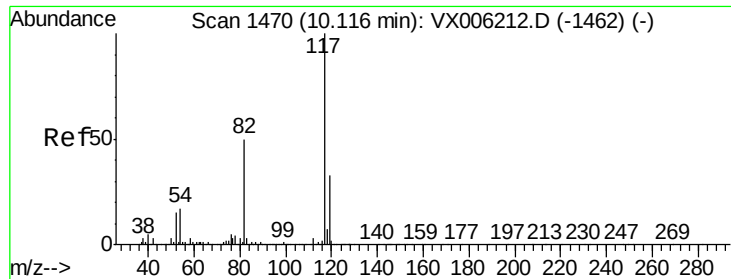
Ion Ratio Lower Upper

95 100

174 93.4 0.0 187.0

176 92.1 0.0 181.8





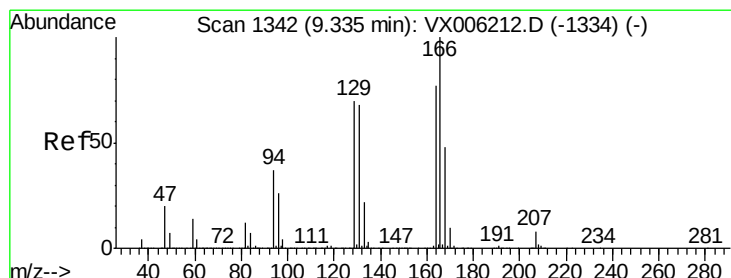
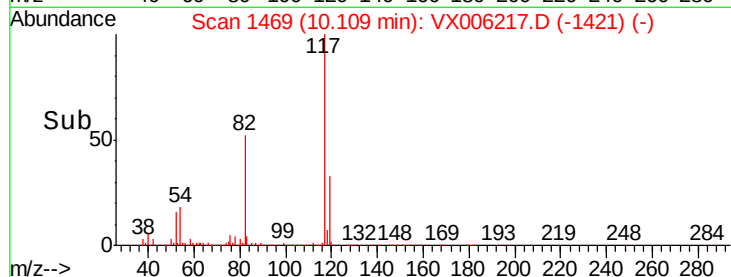
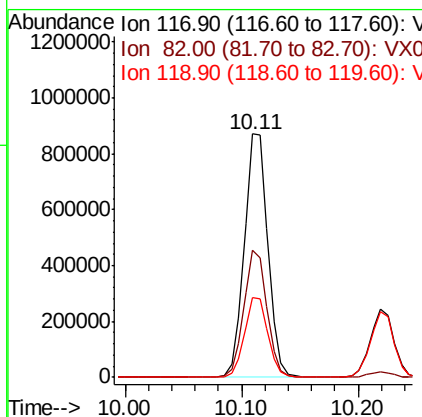
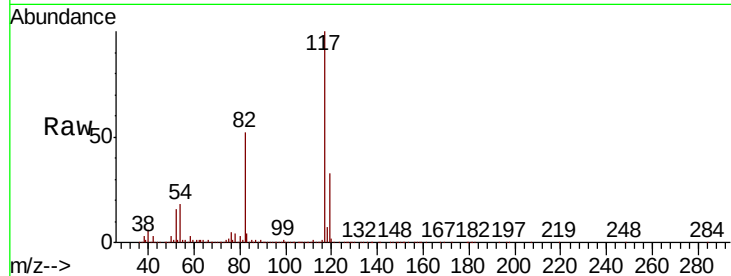
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.01 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.1  | 39.6  | 59.4  |
| 119     | 32.6  | 26.3  | 39.5  |

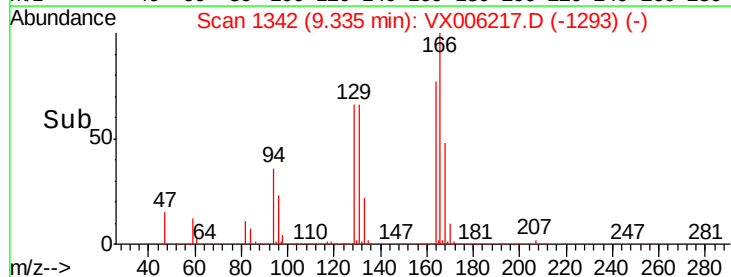
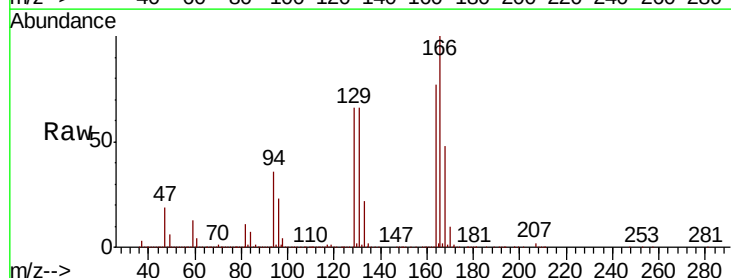
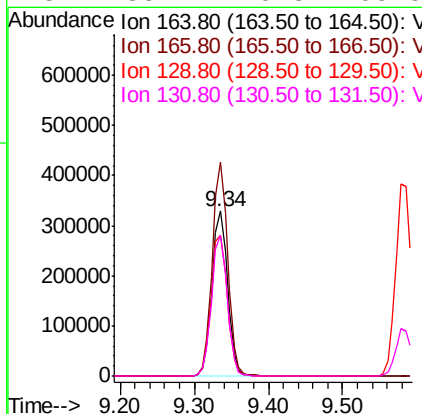
Manual Integrations  
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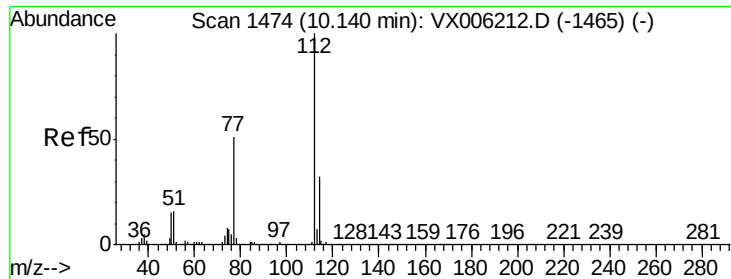
MMDadoda  
12/3/2018 11:59:23 AM



#64  
Tetrachloroethene  
Concen: 51.183 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.8 | 104.2 | 156.2 |
| 129     | 85.7  | 72.6  | 108.8 |
| 131     | 85.2  | 70.3  | 105.5 |





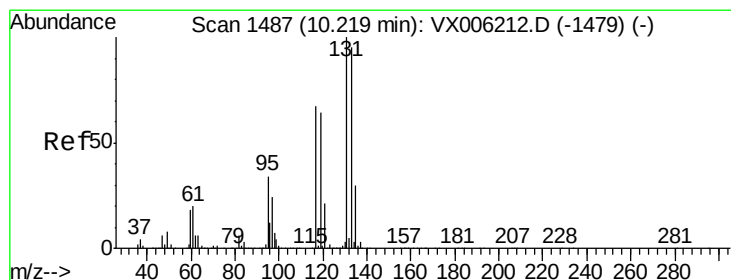
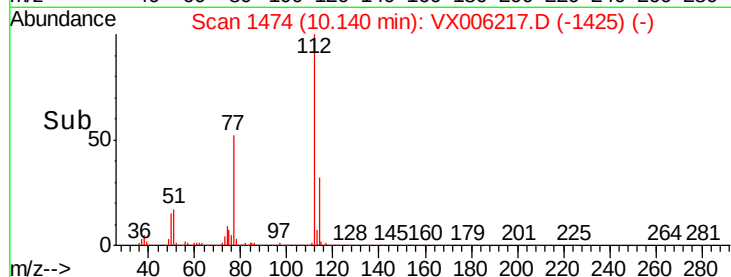
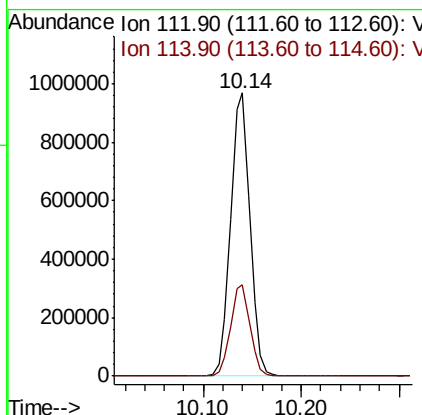
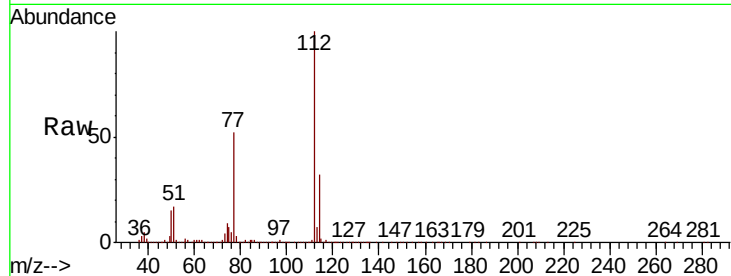
#65  
Chlorobenzene  
Concen: 50.882 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

Tot Ion:112 Resp: 1328991  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.4 38.2

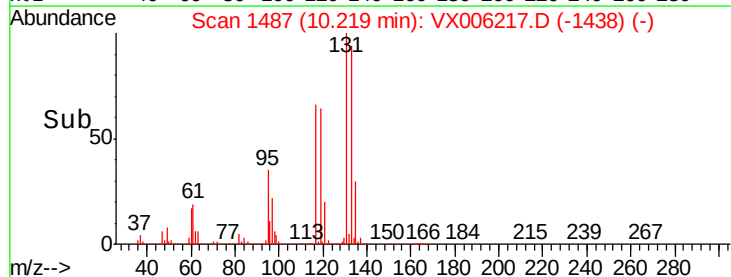
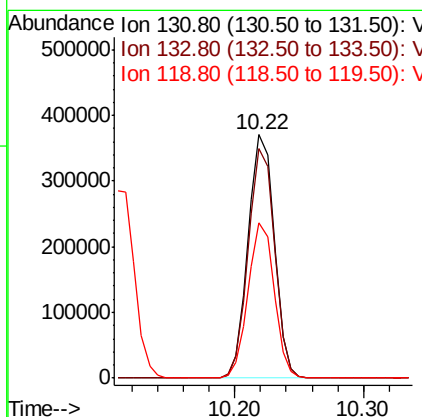
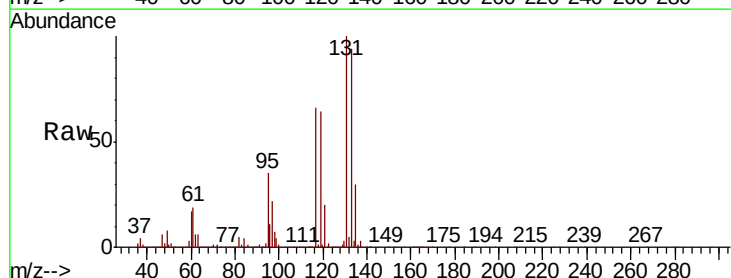
Manual Integrations  
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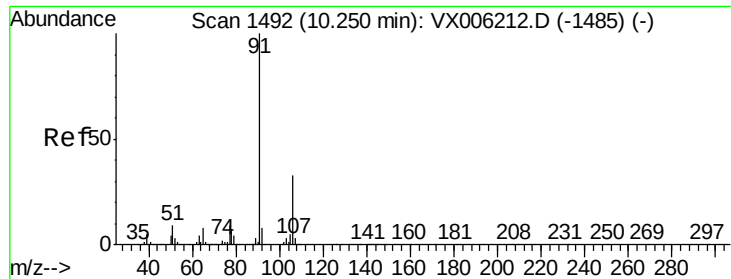
MMDadoda  
12/3/2018 11:59:23 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.133 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Tgt Ion:131 Resp: 518910  
Ion Ratio Lower Upper  
131 100  
133 94.7 48.1 144.4  
119 63.3 32.1 96.3





#67

Ethyl Benzene

Concen: 51.095 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 2219662

Ion Ratio Lower Upper

91 100

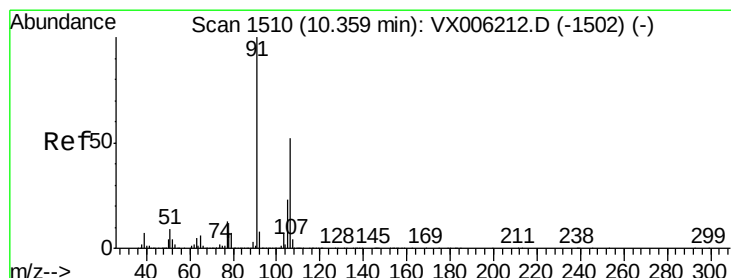
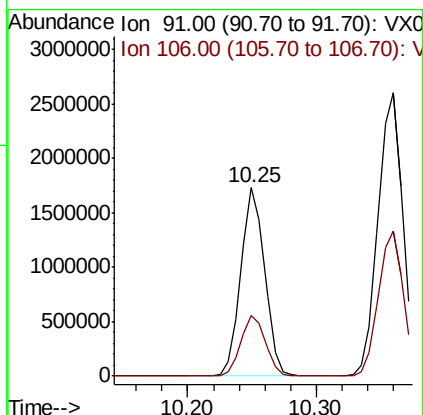
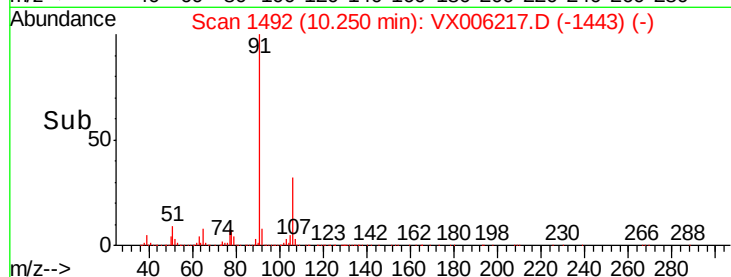
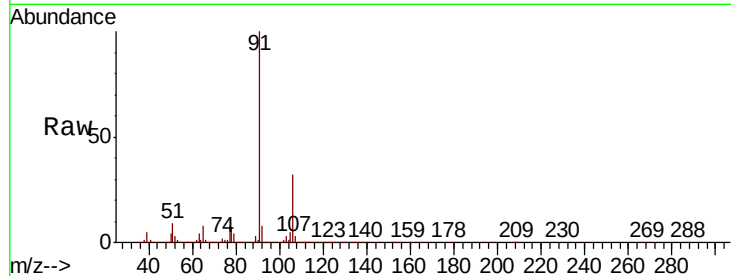
106 32.4 26.5 39.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 102.016 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006217.D

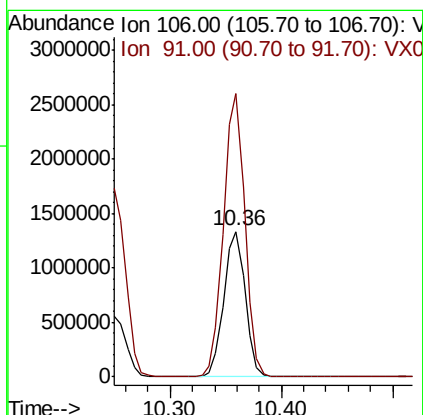
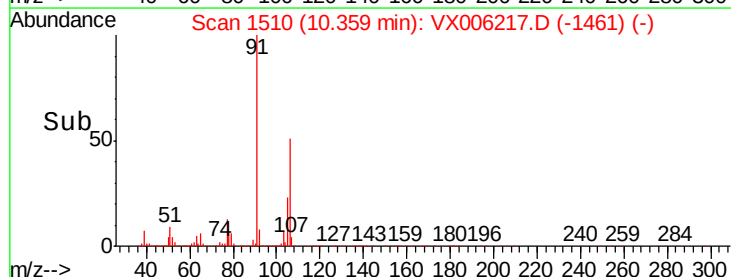
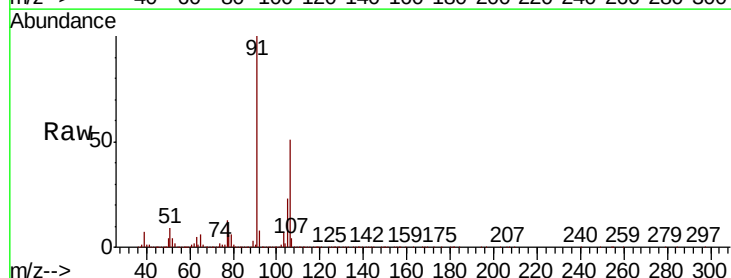
Acq: 30 Nov 2018 09:03

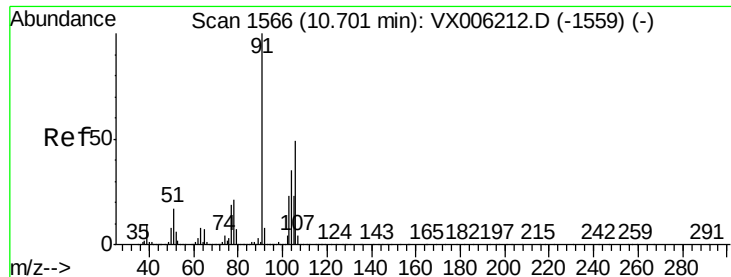
Tgt Ion: 106 Resp: 1775221

Ion Ratio Lower Upper

106 100

91 194.7 155.2 232.8





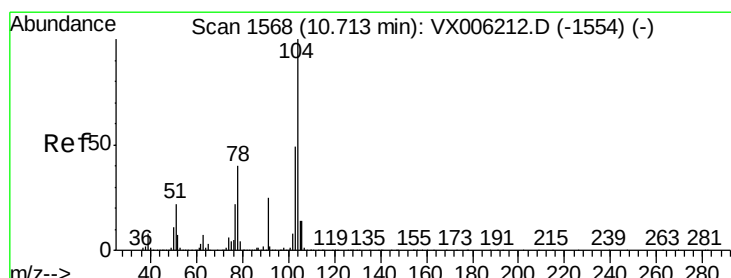
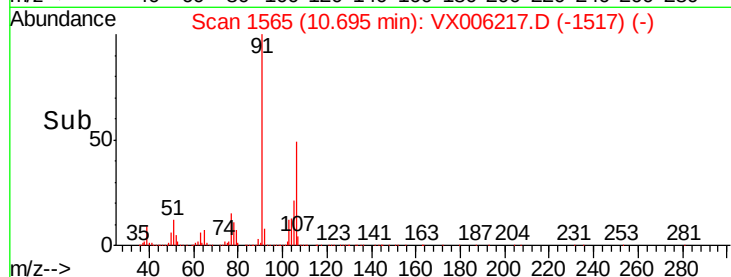
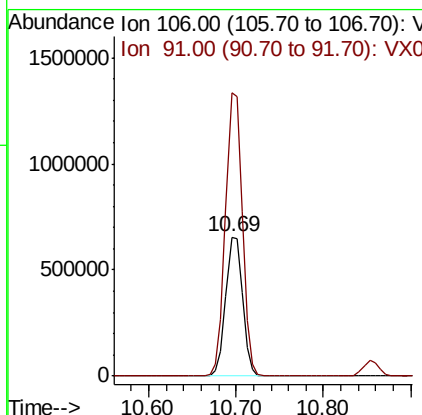
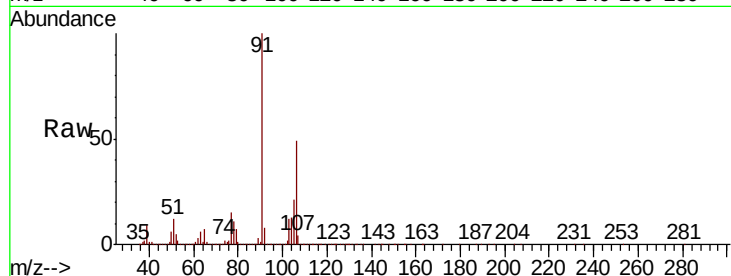
#69  
o-Xylene  
Concen: 50.802 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 204.6 | 101.8 | 305.6 |

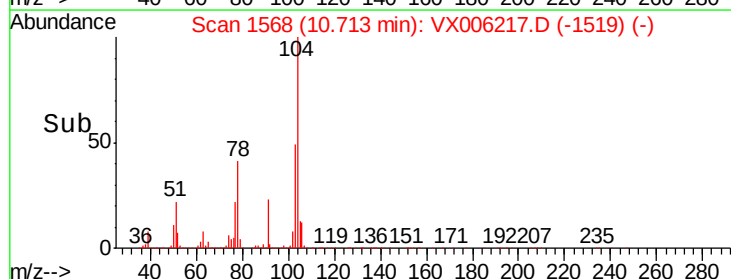
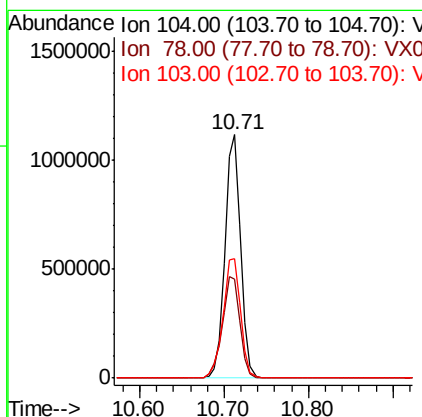
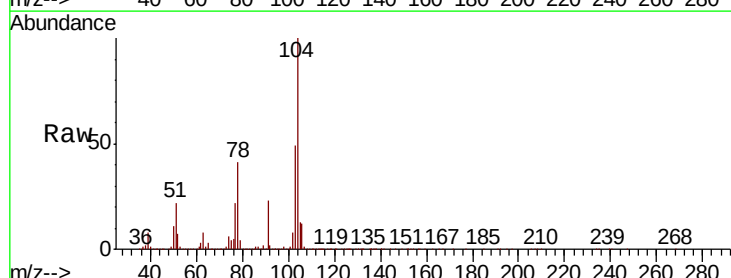
Manual Integrations  
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12/3/2018 11:59:23 AM

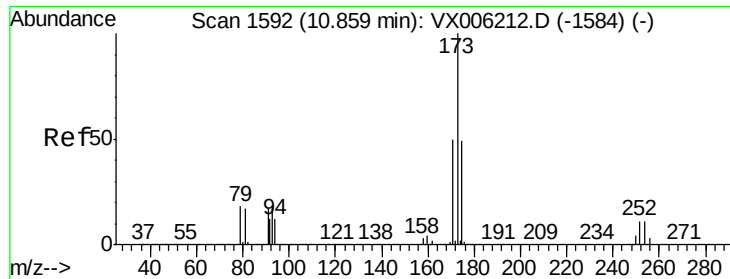


#70  
Styrene  
Concen: 51.774 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 47.0  | 37.2  | 55.8  |
| 103     | 55.2  | 43.5  | 65.3  |







#71

Bromoform

Concen: 52.663 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

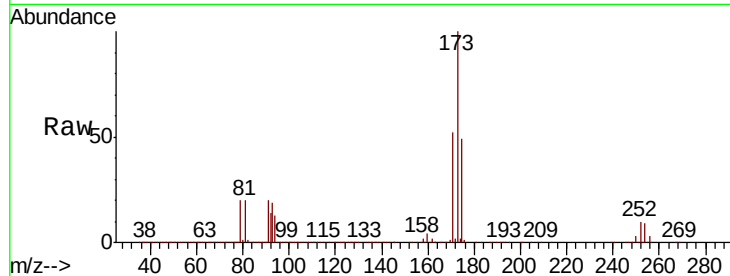
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.2  | 24.6  | 73.8  |
| 254     | 0.2   | 0.2   | 0.2   |

Manual Integrations  
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MMDadoda  
12/3/2018 11:59:23 AM

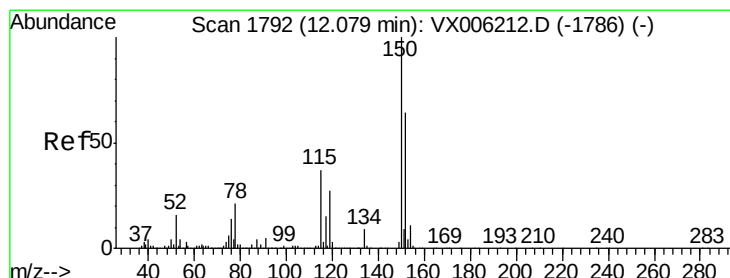
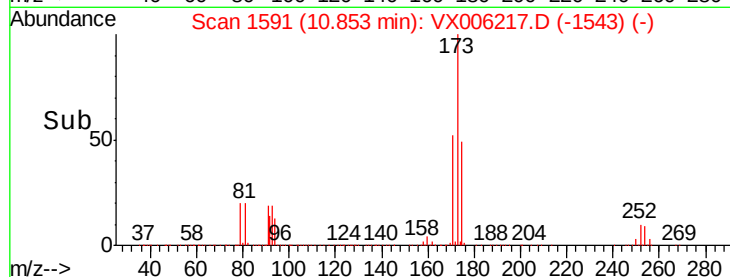
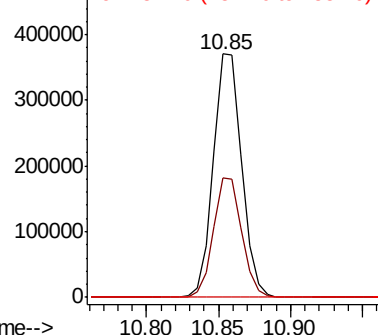


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

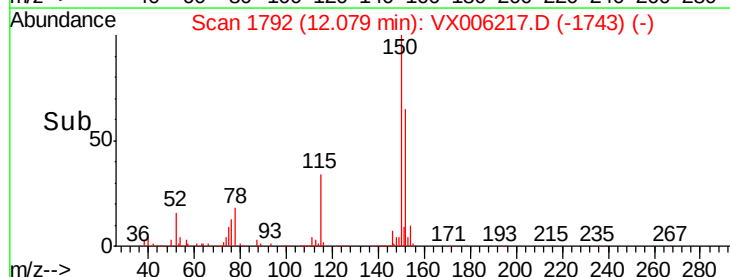
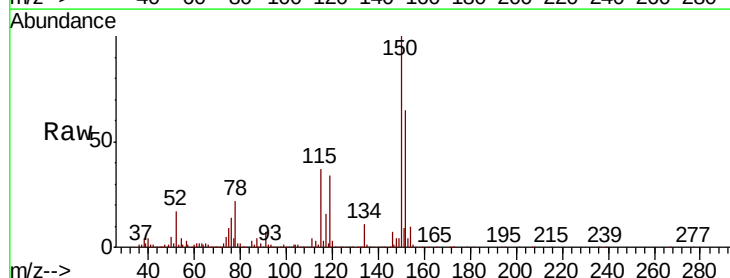
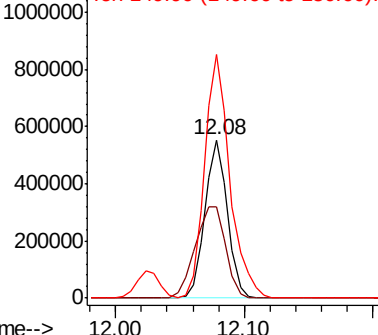
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 79.0  | 39.0  | 116.9 |
| 150     | 173.5 | 0.0   | 345.8 |

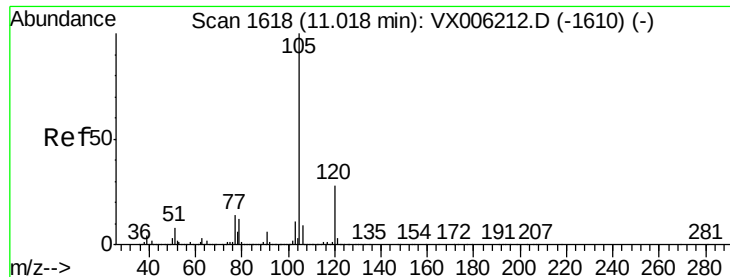
Abundance

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: 49.952 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 2315702

Ion Ratio Lower Upper

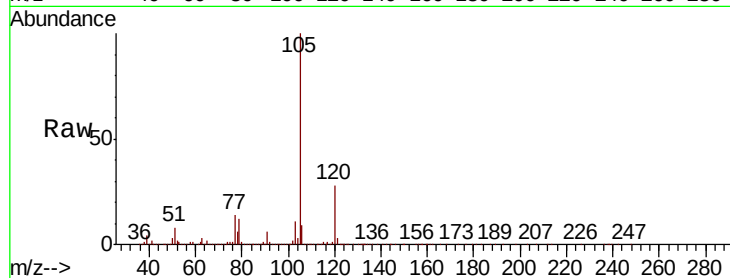
105 100

120 28.0 14.1 42.3

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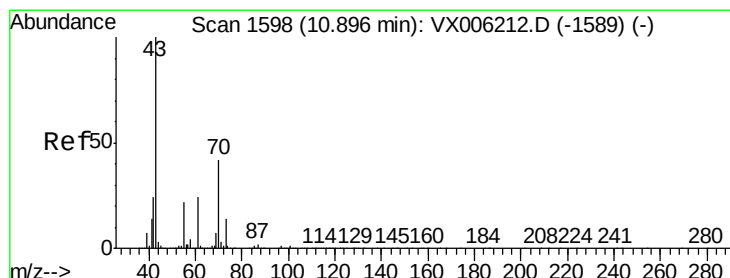
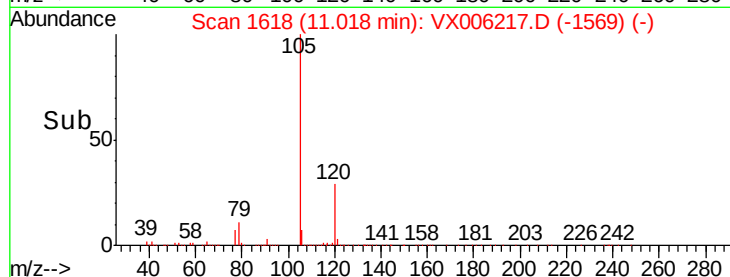
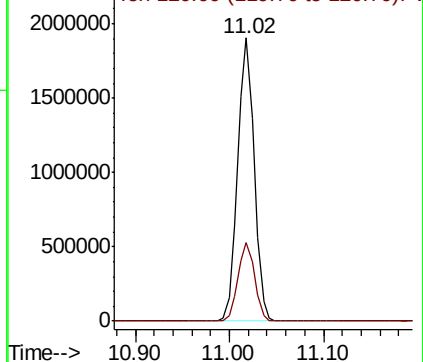
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.437 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Tgt Ion: 43 Resp: 966955

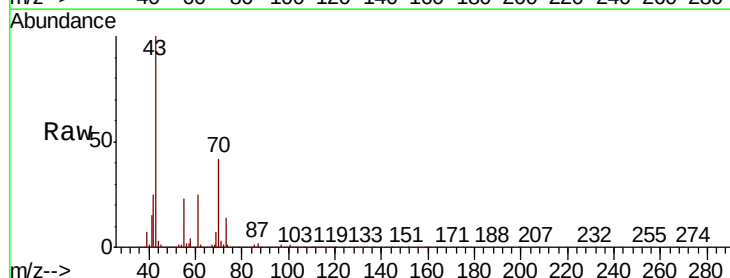
Ion Ratio Lower Upper

43 100

70 42.0 34.1 51.1

55 22.6 17.8 26.8

61 24.6 19.7 29.5

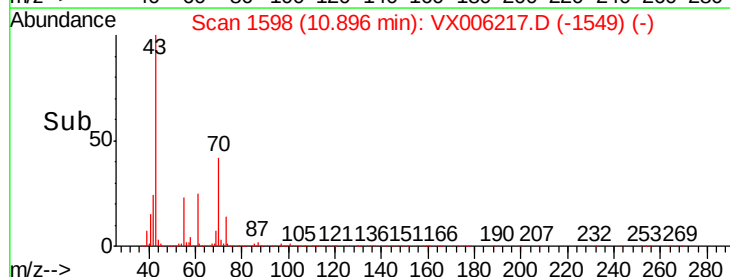
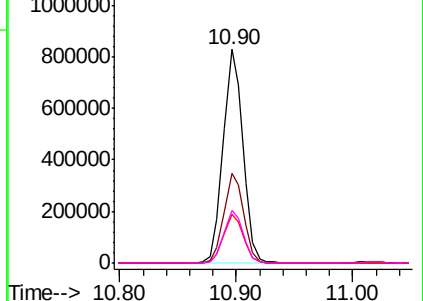


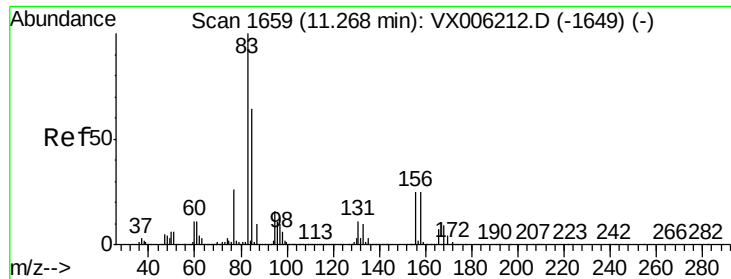
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.896 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

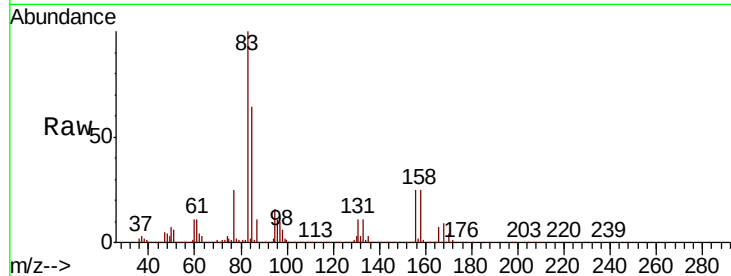
ClientSampleId :

VSTDCCC050

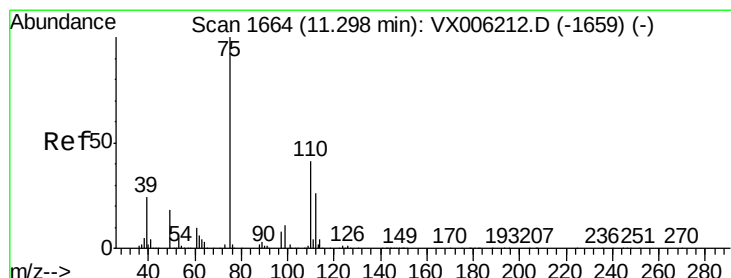
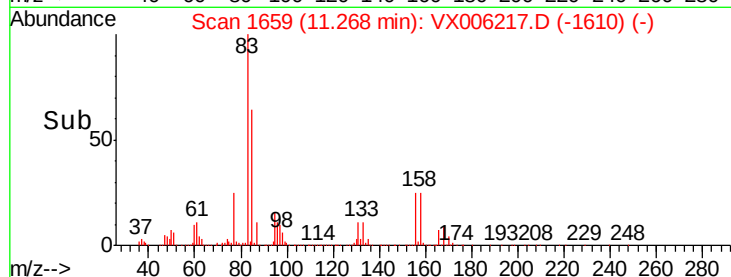
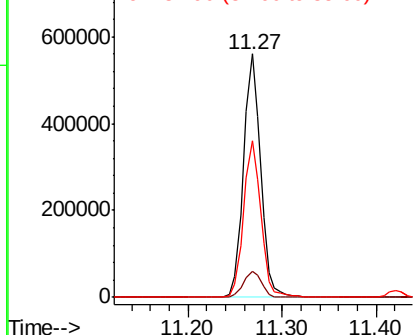
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 710348 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.3  | 5.7   | 17.1   |
| 85        | 64.6  | 32.1  | 96.5   |

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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 43.749 ug/l m

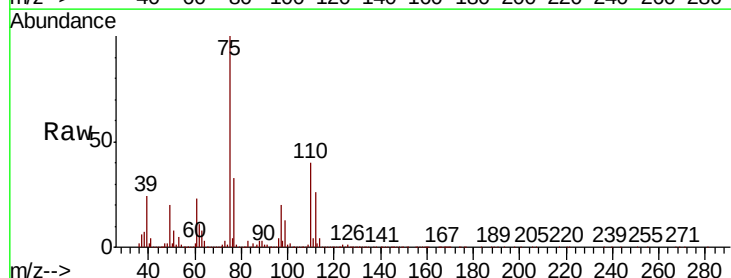
RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

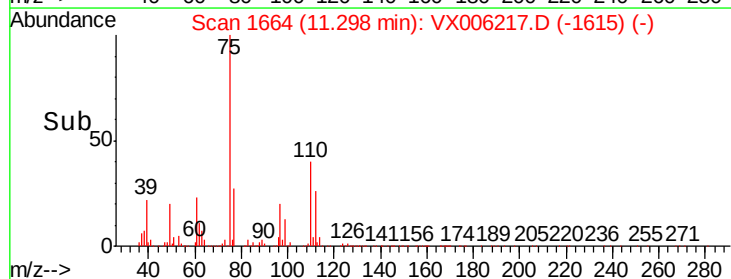
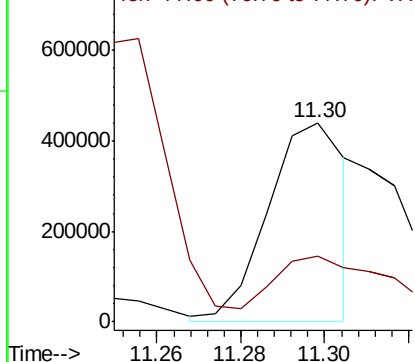
Lab File: VX006217.D

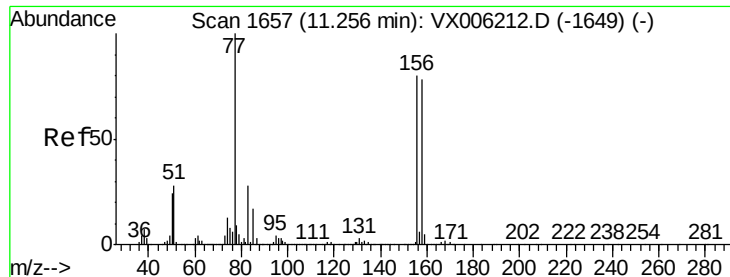
Acq: 30 Nov 2018 09:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 566856 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 48.8  | 19.9  | 59.7   |



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





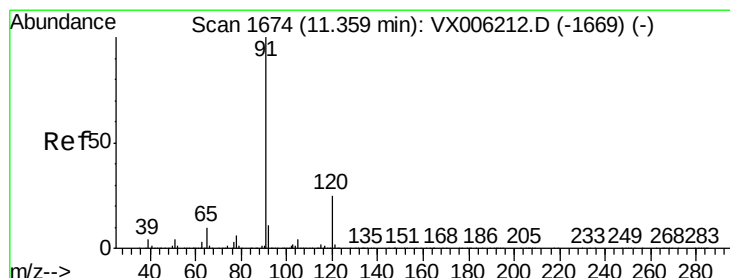
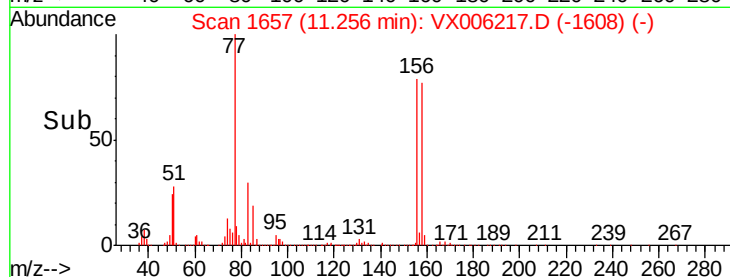
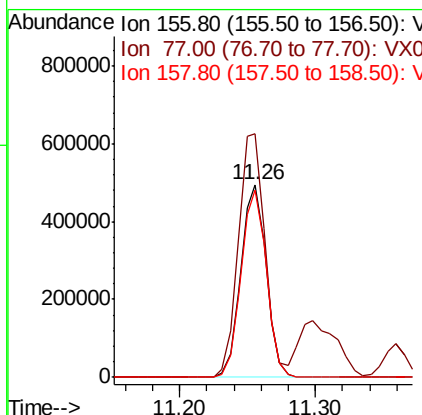
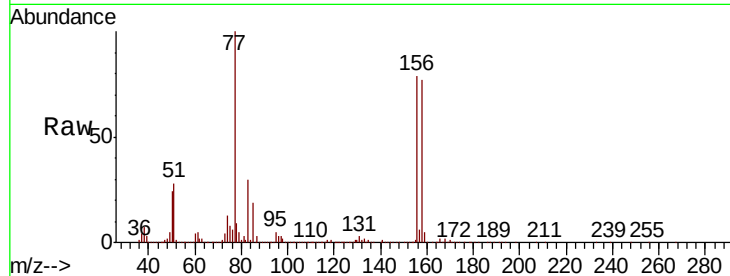
#77  
Bromobenzene  
Concen: 49.963 ug/l  
RT: 11.26 min Scan# 1657  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 132.1 | 66.2  | 198.6 |
| 158     | 97.3  | 48.8  | 146.4 |

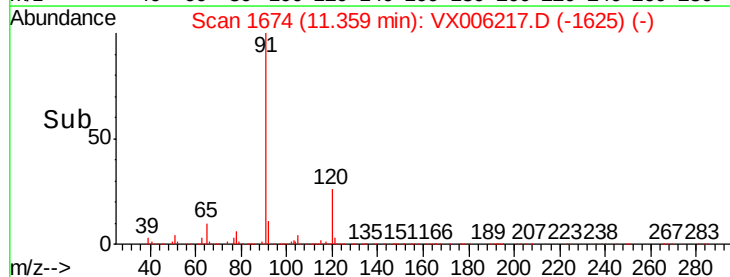
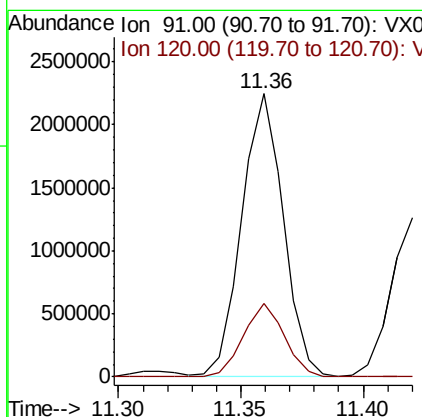
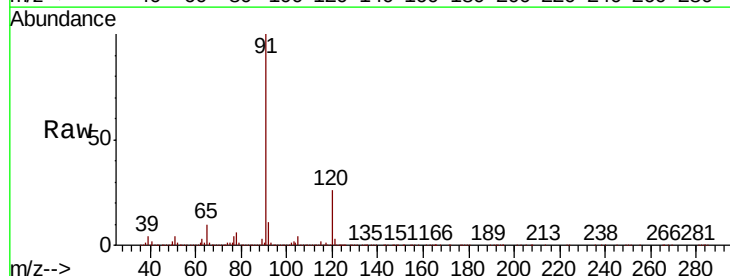
Manual Integrations  
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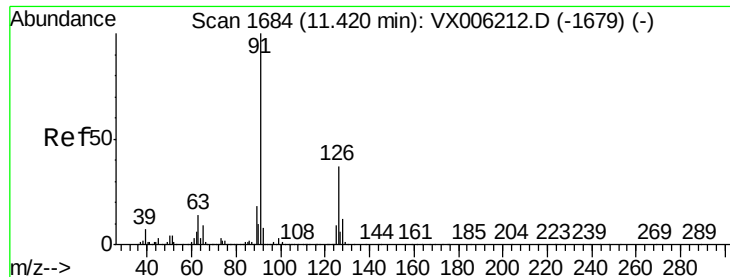
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#78  
n-propylbenzene  
Concen: 51.270 ug/l  
RT: 11.36 min Scan# 1674  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 25.6  | 12.7  | 38.0  |





#79

2-Chlorotoluene

Concen: 50.268 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1539639

Ion Ratio Lower Upper

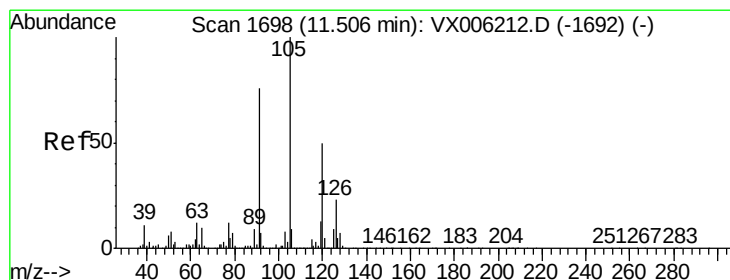
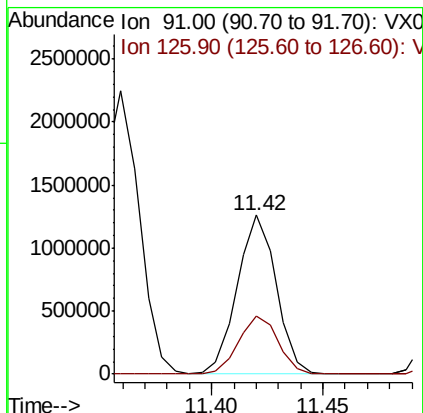
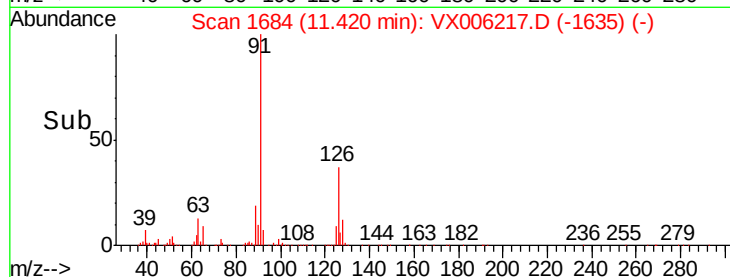
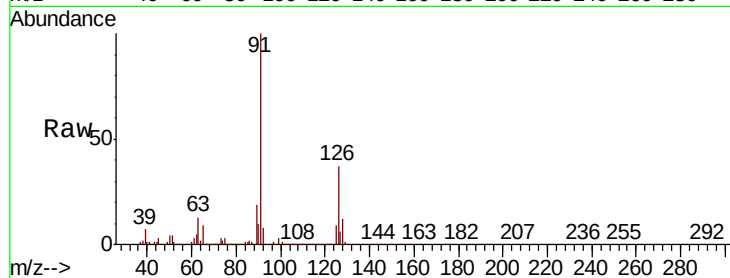
91 100

126 37.2 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 50.359 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006217.D

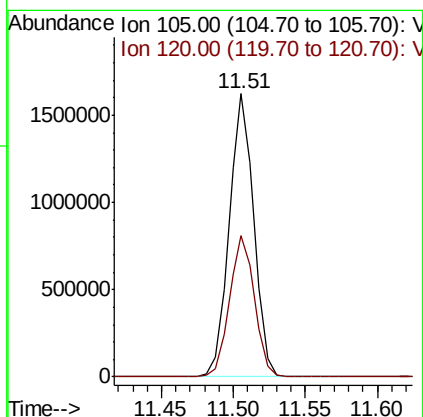
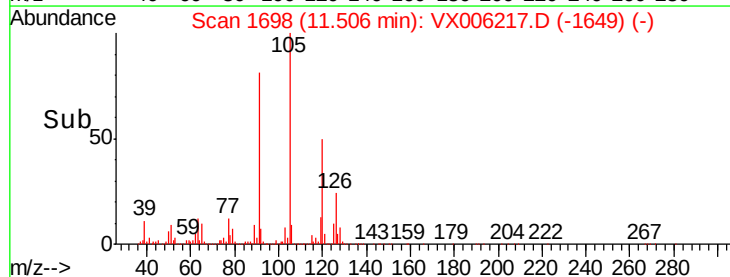
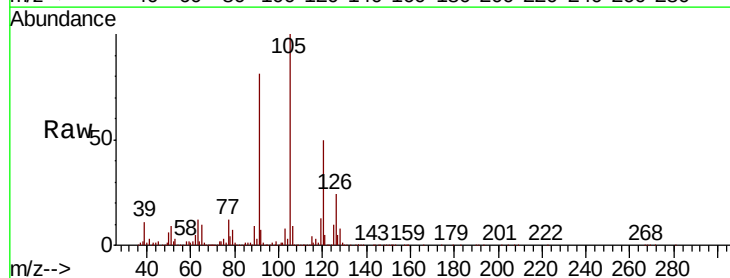
Acq: 30 Nov 2018 09:03

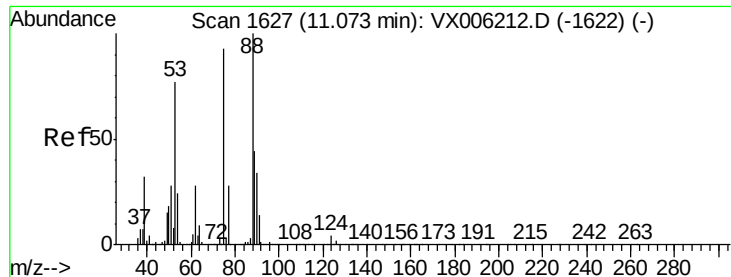
Tgt Ion: 105 Resp: 1942443

Ion Ratio Lower Upper

105 100

120 50.7 25.4 76.0





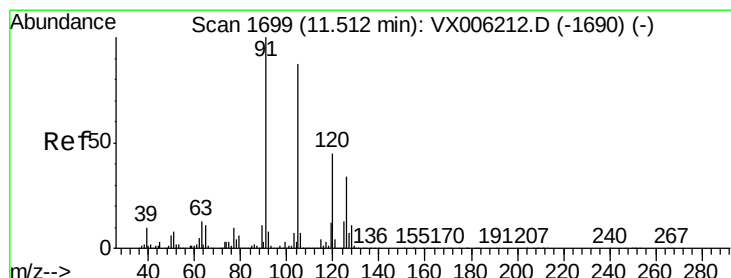
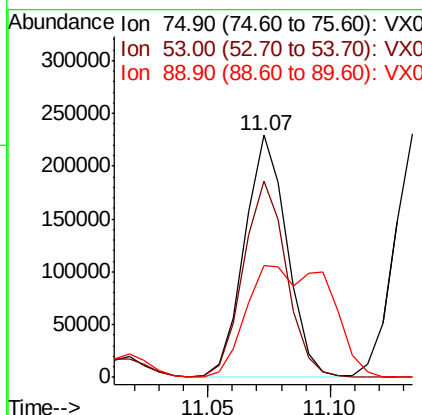
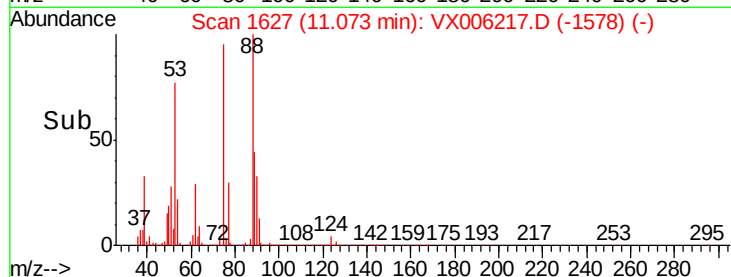
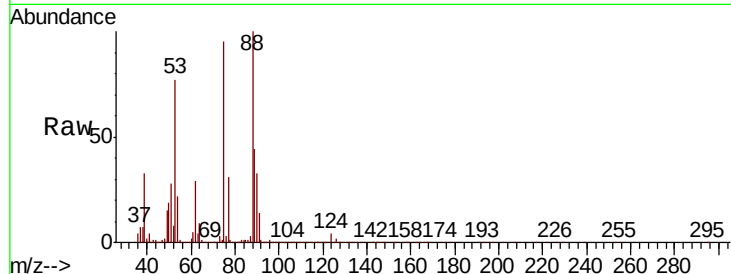
#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.762 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 82.5  | 64.4  | 96.6  |
| 89      | 91.4  | 44.2  | 66.4  |

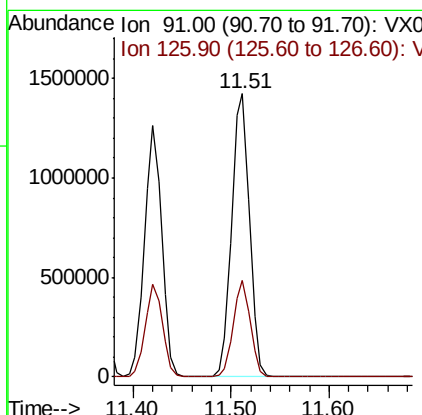
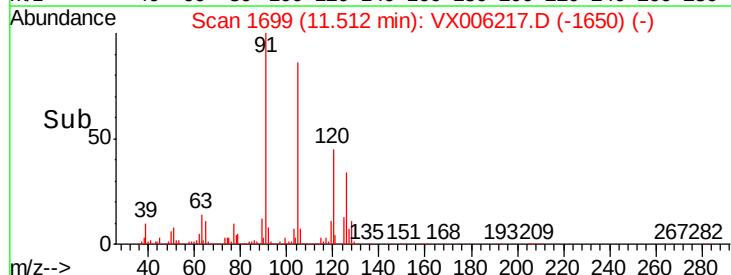
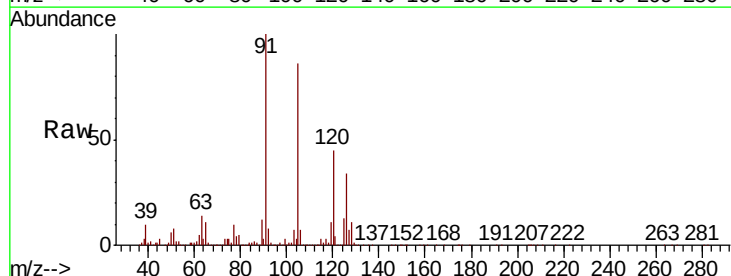
Manual Integrations  
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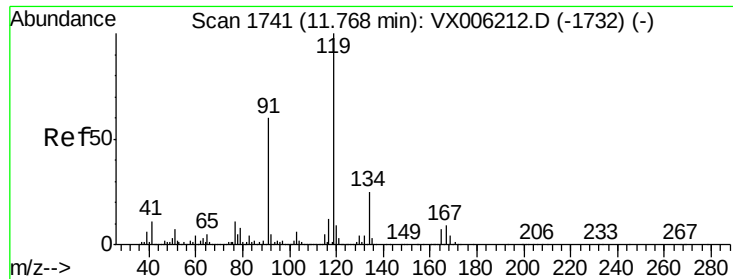
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#82  
4-Chlorotoluene  
Concen: 50.572 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.7  | 16.4  | 49.4  |





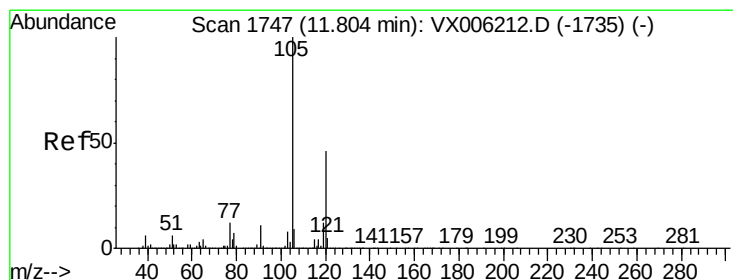
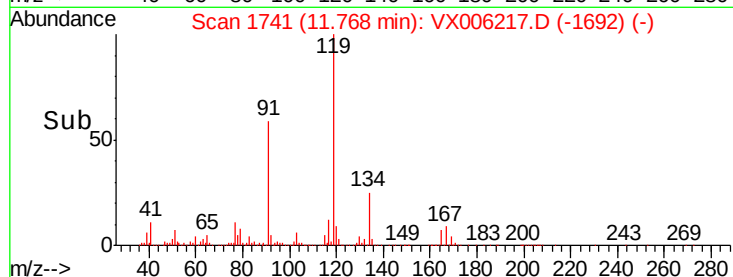
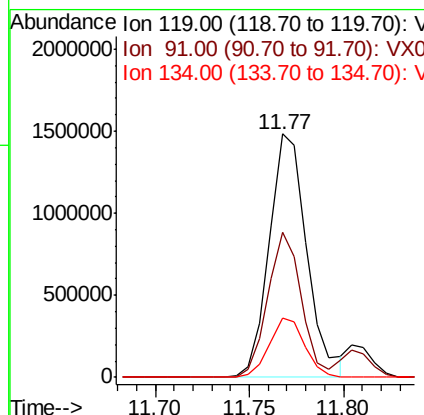
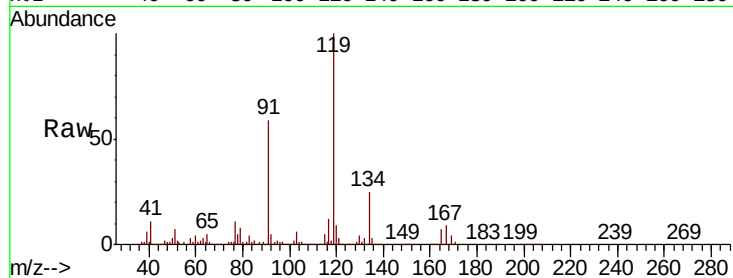
#83  
tert-Butylbenzene  
Concen: 49.886 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 53.2  | 26.4  | 79.2  |
| 134     | 22.9  | 11.6  | 34.7  |

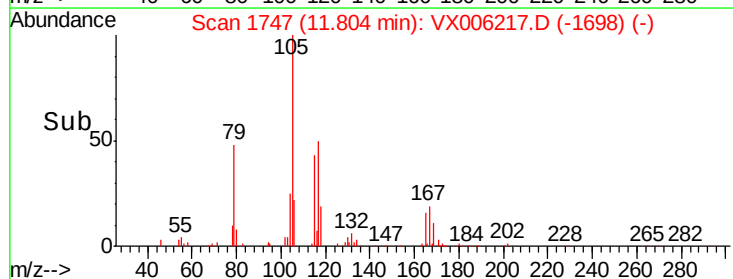
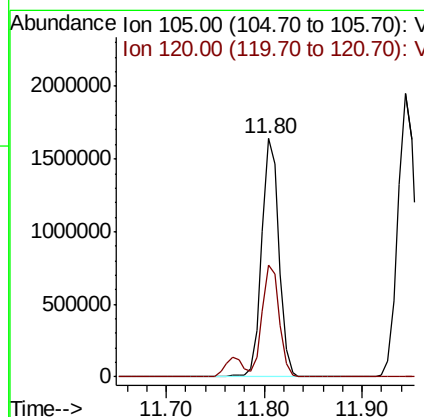
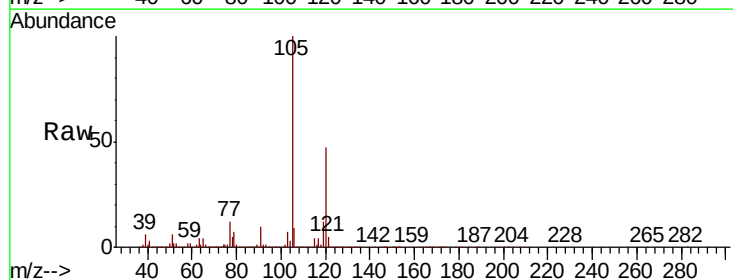
Manual Integrations  
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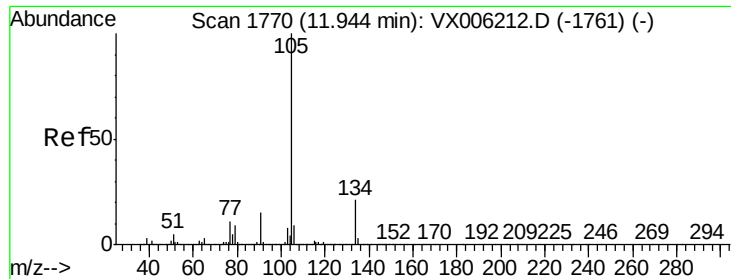
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#84  
1,2,4-Trimethylbenzene  
Concen: 50.123 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.5  | 23.4  | 70.0  |





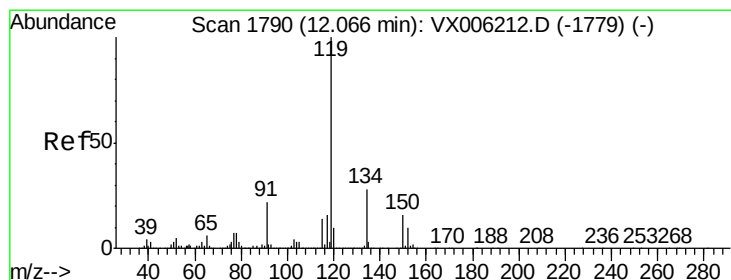
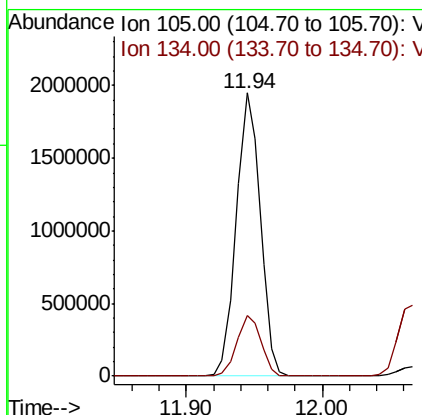
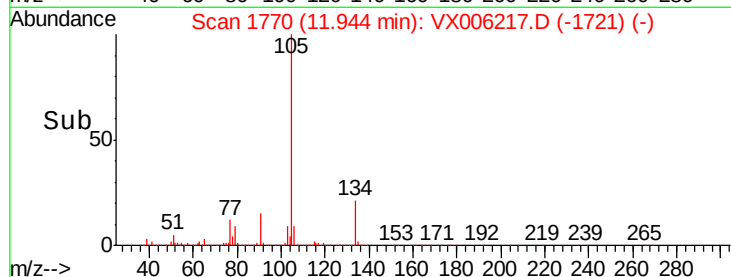
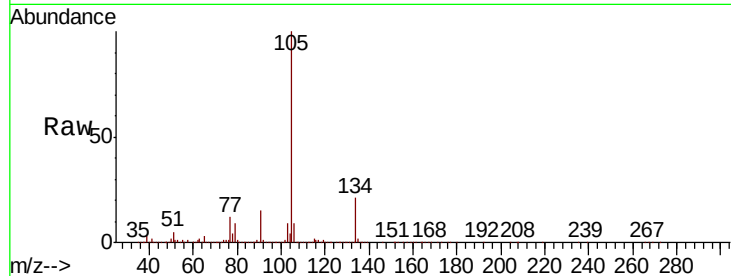
#85  
 sec-Butylbenzene  
 Concen: 51.218 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:105 Resp: 2397977  
 Ion Ratio Lower Upper  
 105 100  
 134 21.6 10.8 32.4

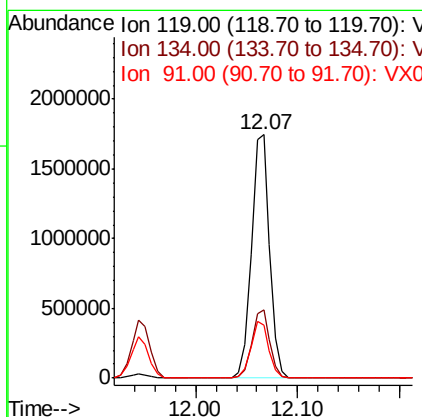
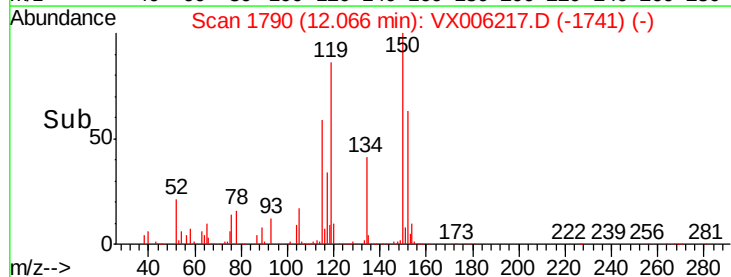
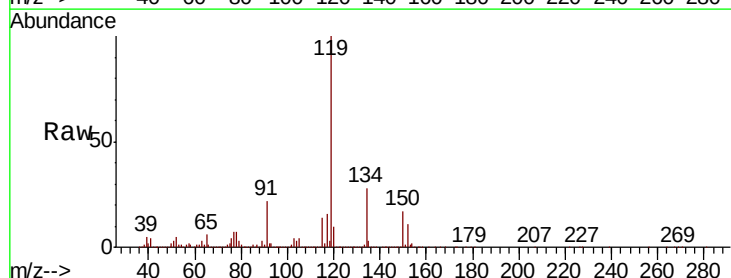
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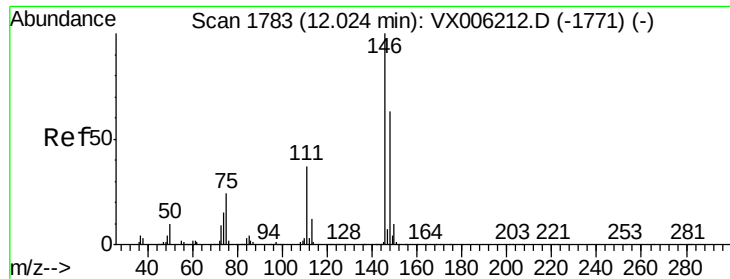


#86  
 p-Isopropyltoluene  
 Concen: 51.495 ug/l  
 RT: 12.07 min Scan# 1790  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

Tgt Ion:119 Resp: 2170979  
 Ion Ratio Lower Upper  
 119 100  
 134 27.5 13.9 41.6  
 91 22.7 11.3 33.8







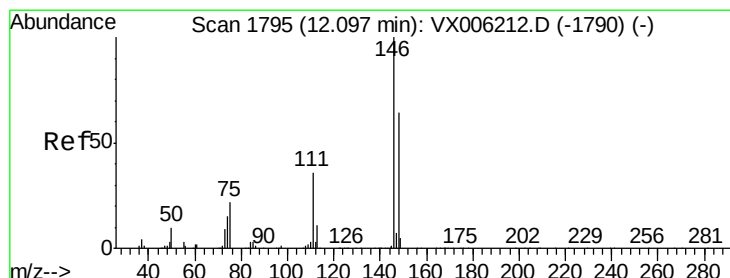
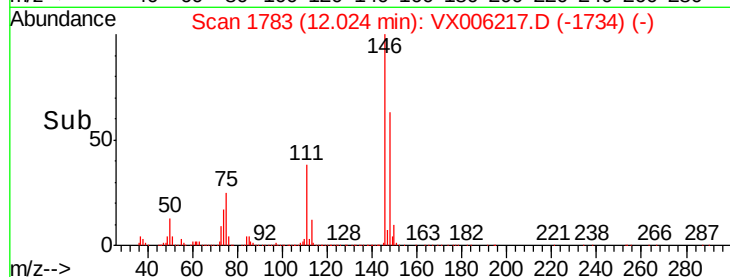
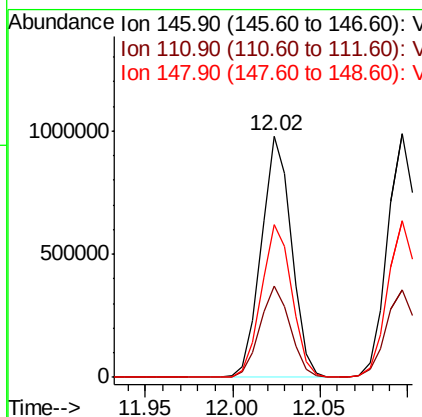
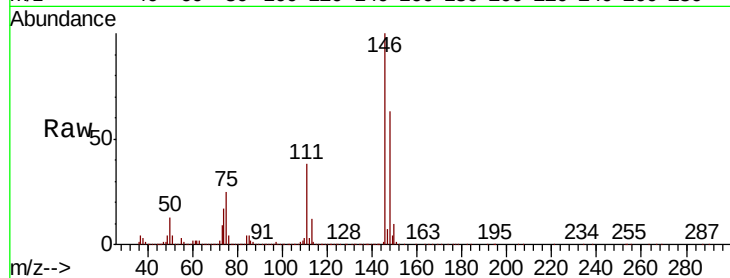
#87  
 1,3-Dichlorobenzene  
 Concen: 51.376 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 18.4  | 55.2  |
| 148     | 64.0  | 32.0  | 96.0  |

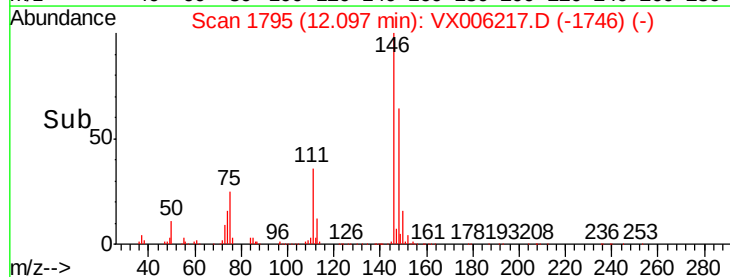
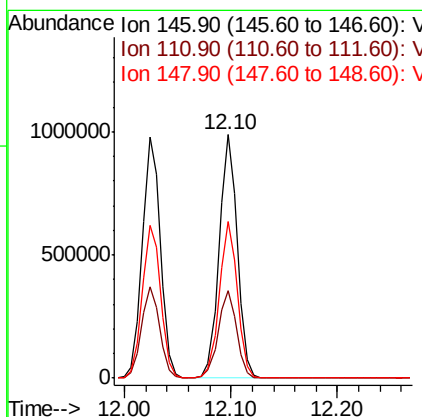
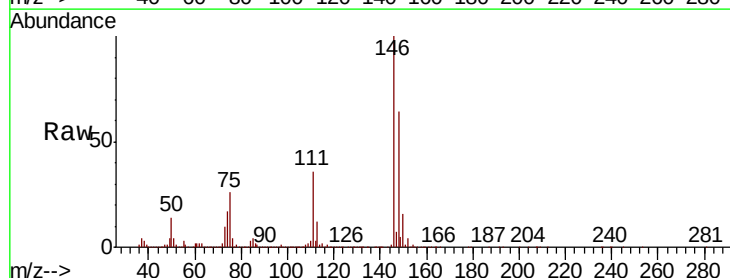
Manual Integrations  
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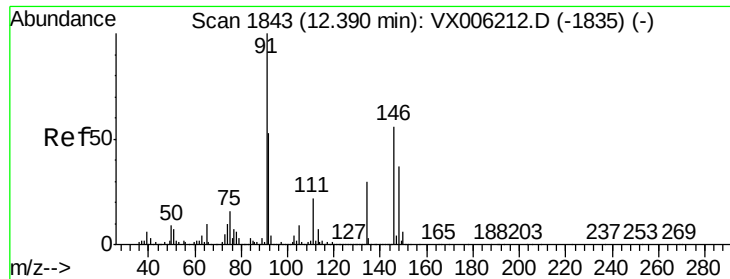
MMDadoda  
 12/3/2018 11:59:23 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 50.157 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.2  | 18.3  | 54.8  |
| 148     | 64.0  | 31.9  | 95.9  |





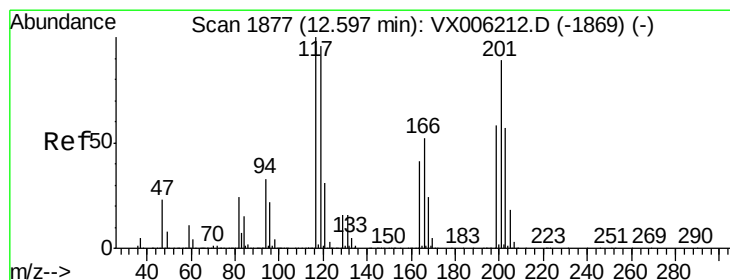
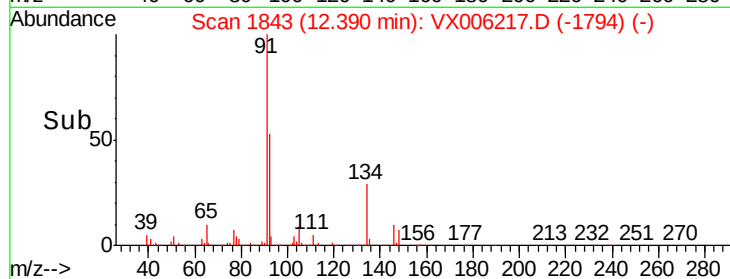
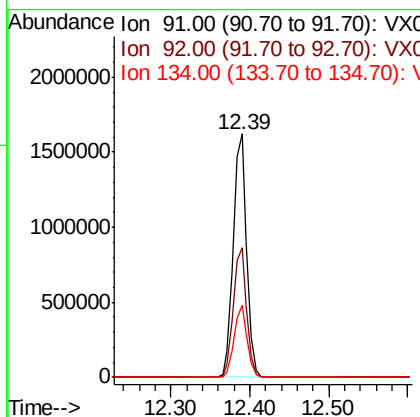
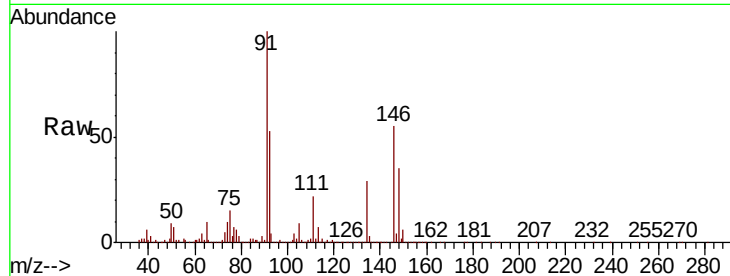
#89  
n-Butylbenzene  
Concen: 52.990 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.4  | 26.6  | 79.8  |
| 134     | 28.8  | 14.8  | 44.3  |

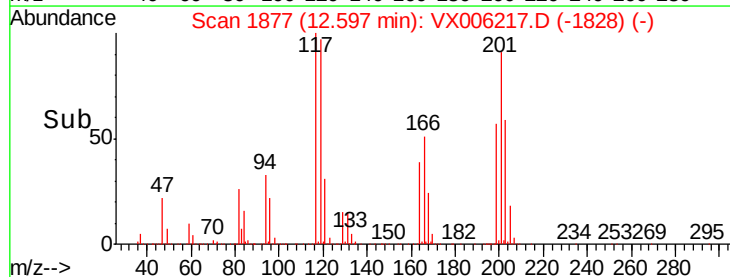
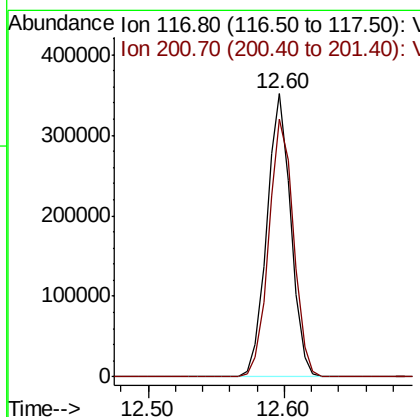
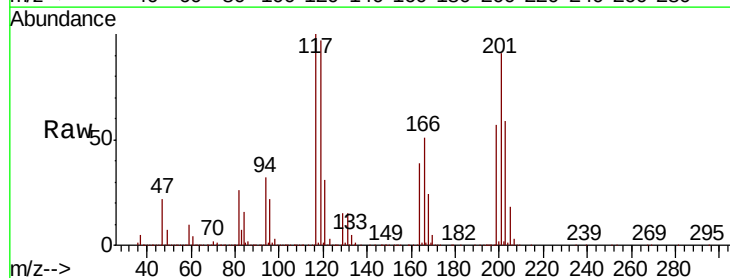
Manual Integrations  
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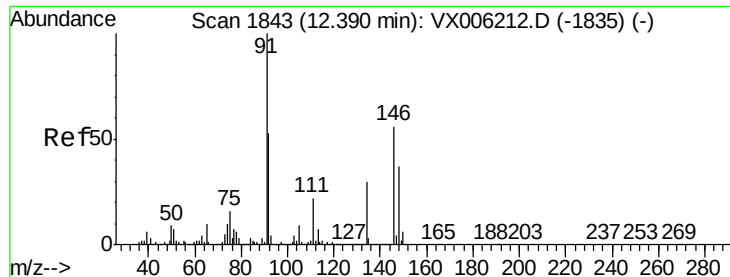
MMDadoda  
12/3/2018 11:59:23 AM



#90  
Hexachloroethane  
Concen: 50.659 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 93.8  | 44.7  | 134.1 |





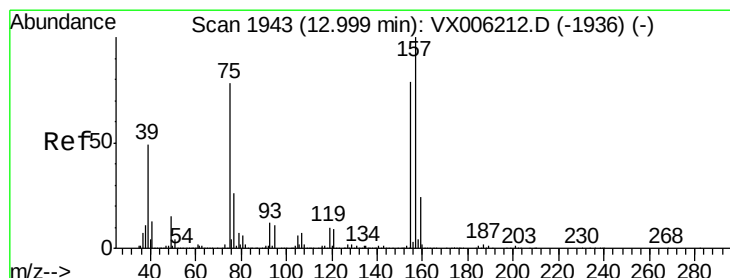
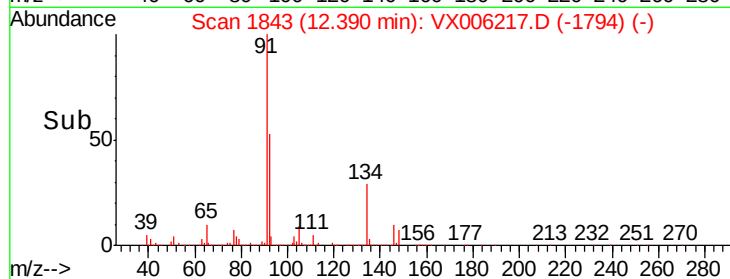
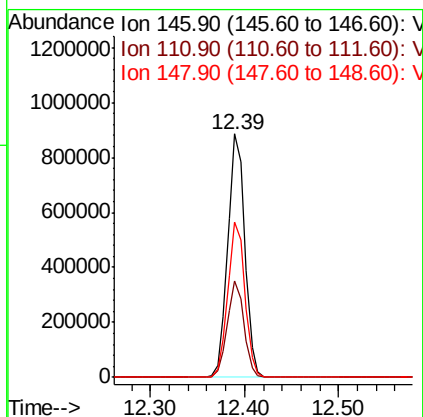
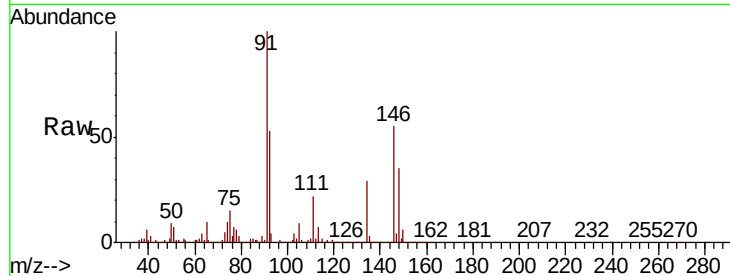
#91  
 1,2-Dichlorobenzene  
 Concen: 49.051 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.6  | 19.1  | 57.3  |
| 148     | 64.0  | 32.1  | 96.3  |

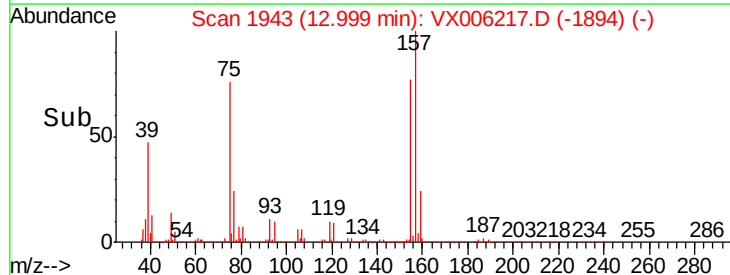
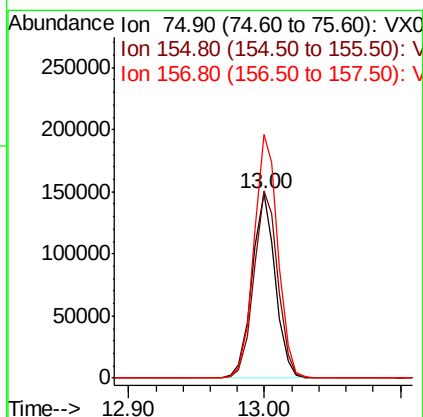
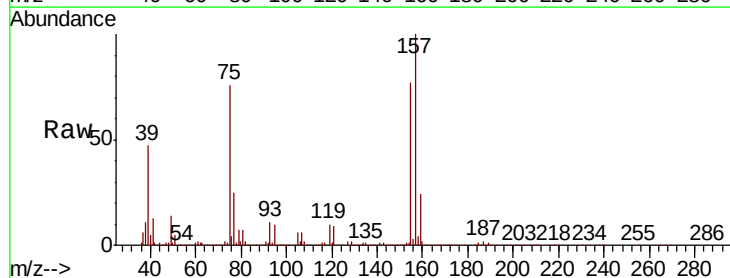
Manual Integrations  
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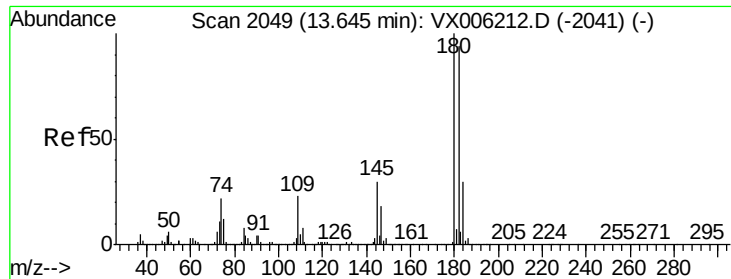
MMDadoda  
 12/3/2018 11:59:23 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 46.793 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX006217.D  
 Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 104.9 | 53.4  | 160.3 |
| 157     | 136.3 | 68.0  | 203.8 |





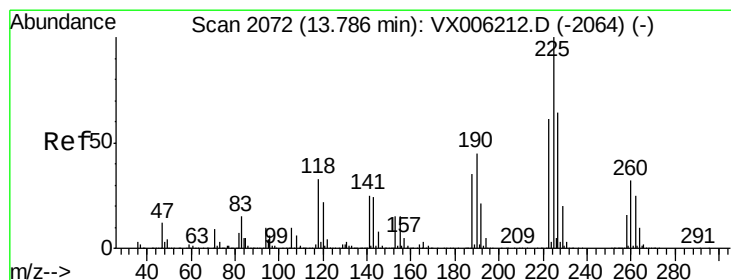
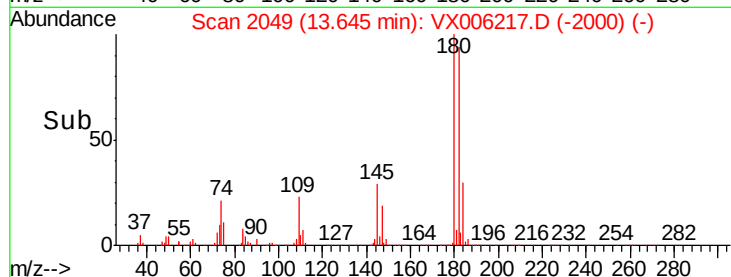
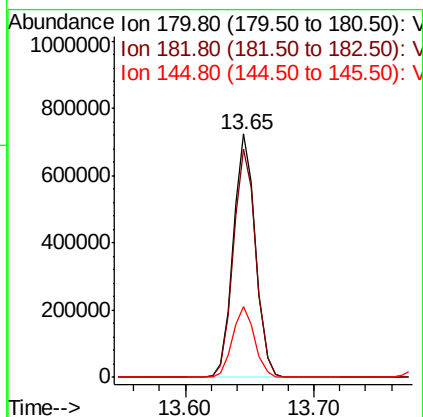
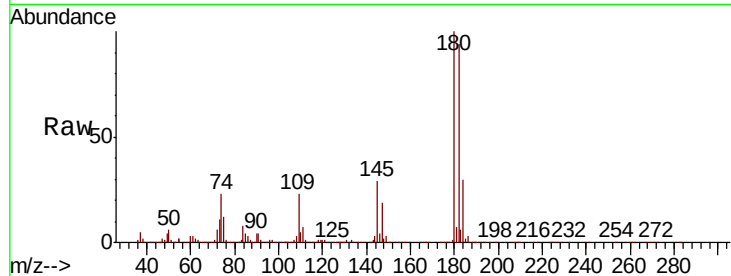
#93  
1,2,4-Trichlorobenzene  
Concen: 52.399 ug/l  
RT: 13.65 min Scan# 2049  
Delta R.T. 0.00 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 868532 |       |       |
| 182     | 95.5  | 47.3   | 141.9 |       |
| 145     | 29.2  | 14.6   | 43.8  |       |

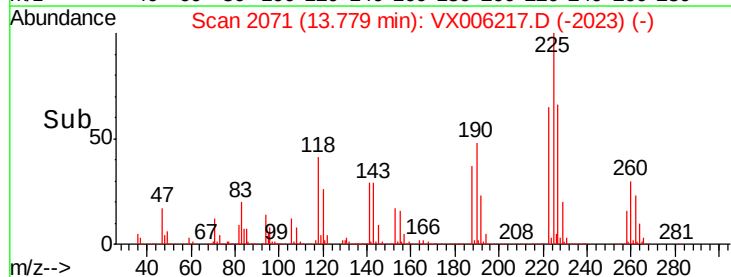
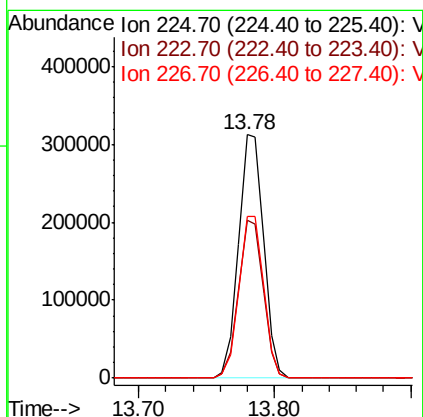
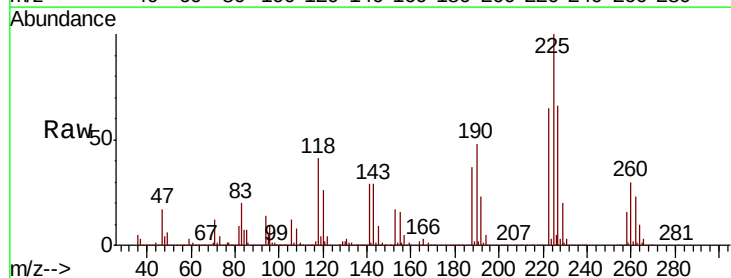
Manual Integrations  
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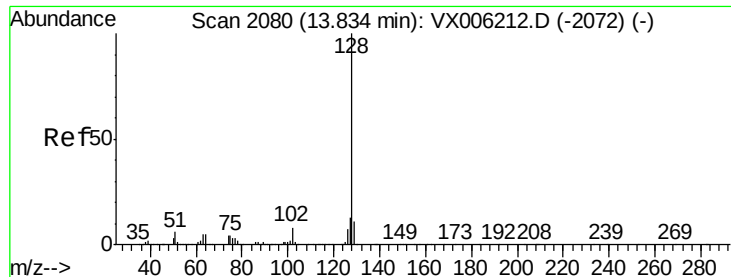
MMDadoda  
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#94  
Hexachlorobutadiene  
Concen: 54.650 ug/l  
RT: 13.78 min Scan# 2071  
Delta R.T. -0.01 min  
Lab File: VX006217.D  
Acq: 30 Nov 2018 09:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 400601 |       |       |
| 223     | 64.1  | 31.2   | 93.6  |       |
| 227     | 65.3  | 31.9   | 95.5  |       |





#95

Naphthalene

Concen: 49.475 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion:128 Resp: 2550949

Ion Ratio Lower Upper

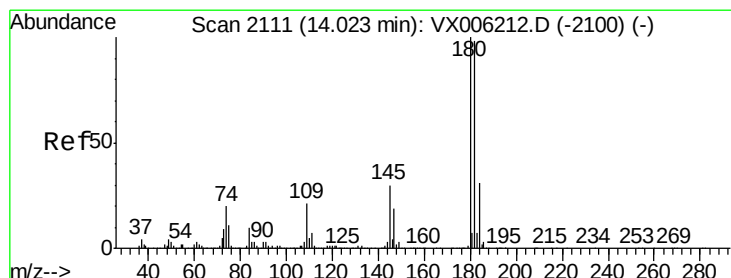
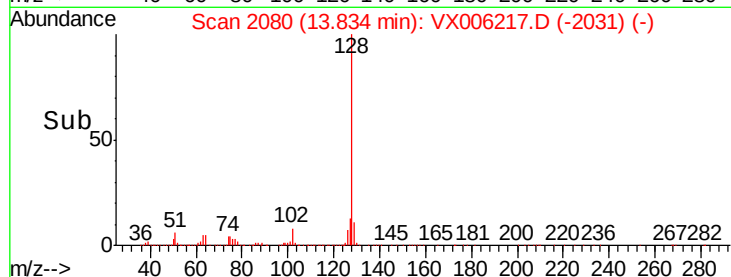
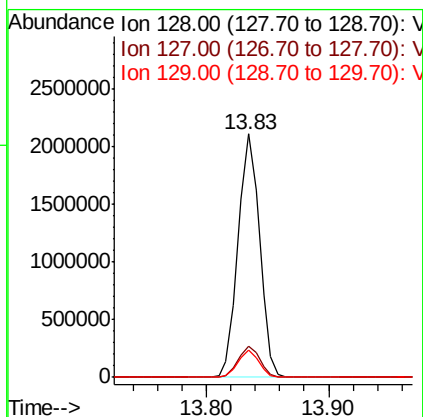
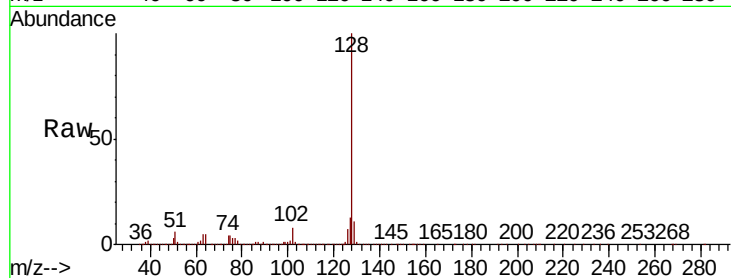
128 100

127 12.8 10.2 15.4

129 11.0 8.9 13.3

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 51.697 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX006217.D

Acq: 30 Nov 2018 09:03

Tgt Ion:180 Resp: 848723

Ion Ratio Lower Upper

180 100

182 95.7 48.4 145.2

145 30.8 15.6 46.8

