

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040819\  
 Data File : VX008755.D  
 Acq On : 08 Apr 2019 19:09  
 Operator : JC/SP  
 Sample : VX0408MBSD01  
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0408MBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 4/9/2019 1:50:38 PM

Quant Time: Apr 09 09:28:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 178999   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 302138   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 260576   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 119153   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 128649   | 49.28 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.56% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 94653    | 49.00 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.00% |      |
| 50) Toluene-d8            | 8.72   | 98  | 366896   | 47.70 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.40% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 129089   | 47.33 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.66% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 34030  | 16.516  | ug/l | 97     |
| 3) Chloromethane              | 1.32 | 50  | 45241  | 16.794  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.41 | 62  | 46663  | 16.753  | ug/l | 100    |
| 5) Bromomethane               | 1.64 | 94  | 23396  | 18.294  | ug/l | 99     |
| 6) Chloroethane               | 1.71 | 64  | 28779  | 16.916  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 56011  | 18.192  | ug/l | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 26517  | 18.161  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 33999  | 17.151  | ug/l | 96     |
| 10) Methyl Iodide             | 2.51 | 142 | 29280  | 18.923  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.06 | 59  | 64505  | 105.534 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 35230  | 17.024  | ug/l | 98     |
| 13) Acrolein                  | 2.29 | 56  | 33120  | 109.279 | ug/l | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 85241  | 17.993  | ug/l | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 160271 | 98.980  | ug/l | 100    |
| 16) Acetone                   | 2.45 | 43  | 147946 | 98.385  | ug/l | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 100985 | 16.402  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 79695  | 21.852  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 142667 | 19.305  | ug/l | 98     |
| 20) Methylene Chloride        | 2.85 | 84  | 44304  | 17.601  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 40258  | 17.985  | ug/l | 92     |
| 22) Diisopropyl ether         | 3.86 | 45  | 172952 | 18.942  | ug/l | 95     |
| 23) Vinyl Acetate             | 3.82 | 43  | 776545 | 97.762  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 84384  | 18.666  | ug/l | 99     |
| 25) 2-Butanone                | 4.68 | 43  | 248716 | 104.647 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 58930  | 18.508  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 46724  | 18.156  | ug/l | 100    |
| 28) Bromochloromethane        | 5.02 | 49  | 37470  | 17.899  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.14 | 42  | 159385 | 101.038 | ug/l | 100    |
| 30) Chloroform                | 5.21 | 83  | 76053  | 18.835  | ug/l | 99     |
| 31) Cyclohexane               | 5.58 | 56  | 79935  | 17.720  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 60962  | 18.683  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 58282  | 17.647  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.84 | 43  | 88735  | 20.129  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 50079  | 18.320  | ug/l | 98     |

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 Sample : VX0408MBSD01  
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0408MBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 4/9/2019 1:50:38 PM

Quant Time: Apr 09 09:28:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 70717    | 17.333  | ug/l   | 100      |
| 40) Benzene                    | 6.15  | 78   | 180120   | 18.307  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.05  | 41   | 49929    | 19.704  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 65258    | 18.501  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.45  | 43   | 134713   | 19.507  | ug/l   | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 40754    | 17.784  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 51254    | 18.251  | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 29273    | 17.972  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 56874    | 18.519  | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.77  | 41   | 67187    | 19.233  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 25980    | 397.013 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 449839   | 101.190 | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 104933   | 18.090  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 63657    | 18.505  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 73749    | 18.762  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 44190    | 18.979  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 79611    | 18.897  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 78425    | 18.757  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 202389   | 94.084  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 355072   | 102.777 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 41464    | 18.898  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 45626    | 18.823  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 35051    | 18.156  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.14 | 112  | 107339   | 18.583  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 39146    | 19.318  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 196504   | 18.244  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 141857   | 36.631  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 69161    | 18.428  | ug/l   | 100      |
| 70) Styrene                    | 10.71 | 104  | 121038   | 18.710  | ug/l   | 100      |
| 71) Bromoform                  | 10.86 | 173  | 29644    | 19.154  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 185530   | 18.789  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 113907   | 19.607  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 73833    | 19.660  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 61615m   | 18.824  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 44930    | 18.927  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 211391   | 18.386  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 126439   | 18.172  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 157071   | 18.950  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 22978    | 19.351  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 144409   | 17.930  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 153365   | 19.232  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 157931   | 18.817  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 178188   | 18.812  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 158649   | 18.661  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 76749    | 18.060  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 76911    | 17.872  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 145935   | 18.303  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 26023    | 18.455  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 77782    | 18.434  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 16056    | 19.435  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\  
Data File : VX008755.D  
Acq On : 08 Apr 2019 19:09  
Operator : JC/SP  
Sample : VX0408MBSD01  
Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0408MBSD01

Manual Integrations  
APPROVED

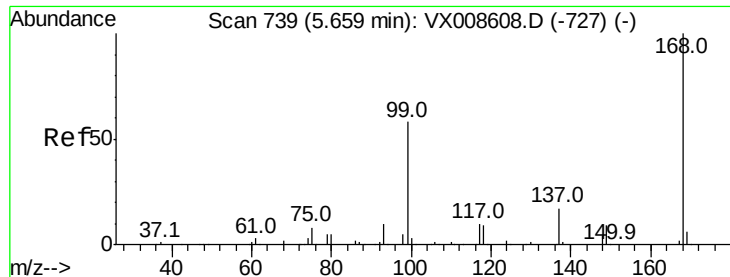
MMDadoda  
4/9/2019 1:50:38 PM

Quant Time: Apr 09 09:28:47 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 04 04:47:41 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 53667    | 18.293 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 26975    | 19.172 | ug/l  | 100      |
| 95) Naphthalene            | 13.83 | 128  | 189790   | 19.356 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 54205    | 18.492 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampled :

VX0408MBSD01

Tot Ion:168 Resp: 178999

Ion Ratio Lower Upper

168 100

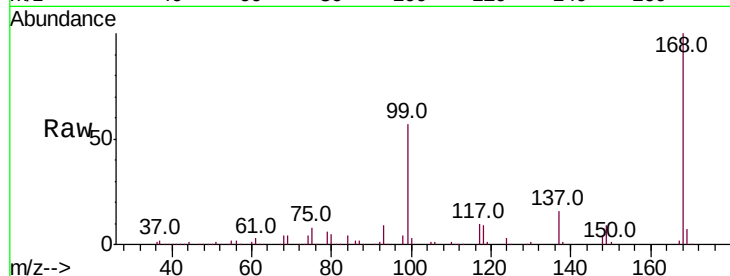
99 57.0 46.7 70.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

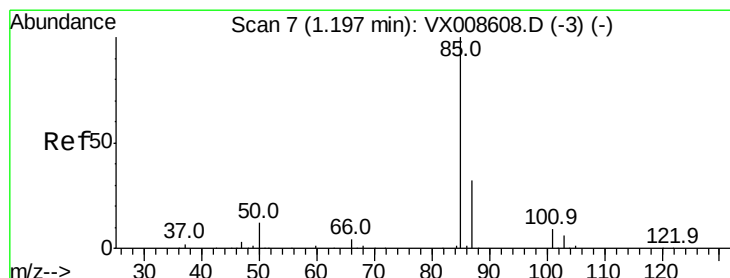
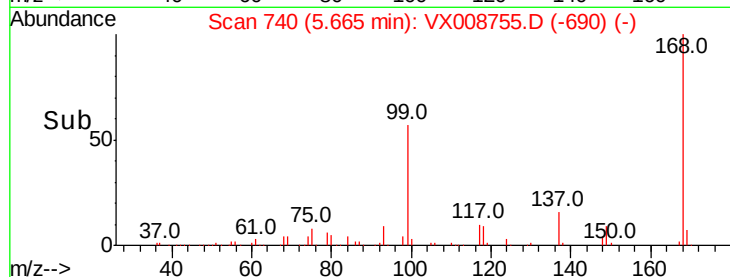
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.516 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008755.D

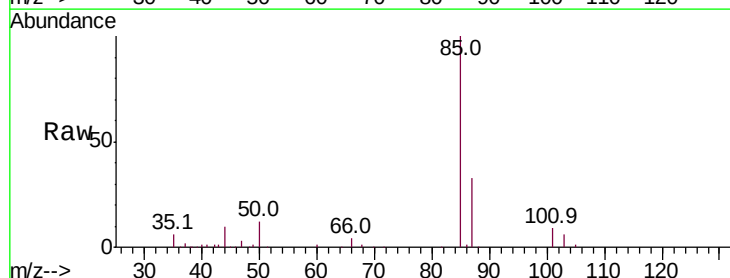
Acq: 08 Apr 2019 19:09

Tgt Ion: 85 Resp: 34030

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

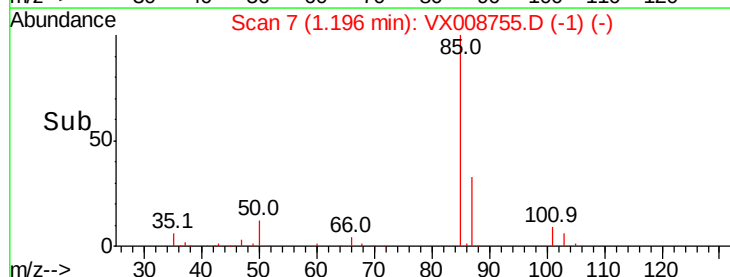
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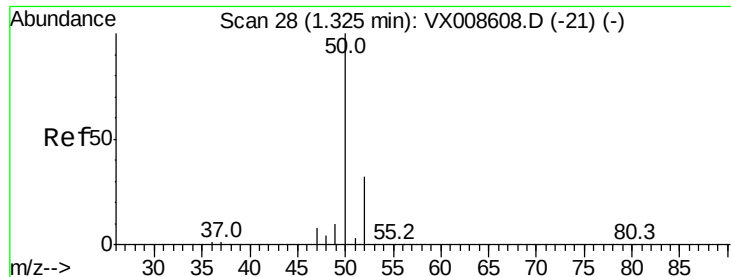
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 16.794 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion: 50 Resp: 45241

Ion Ratio Lower Upper

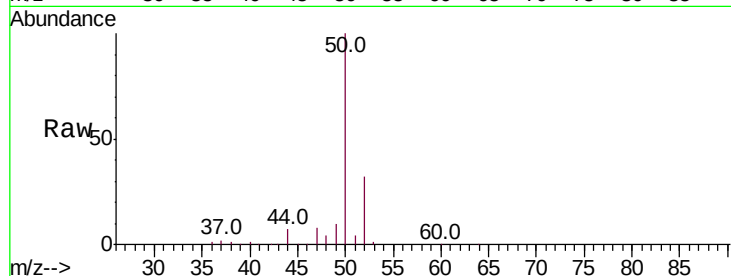
50 100

52 31.6 25.8 38.8

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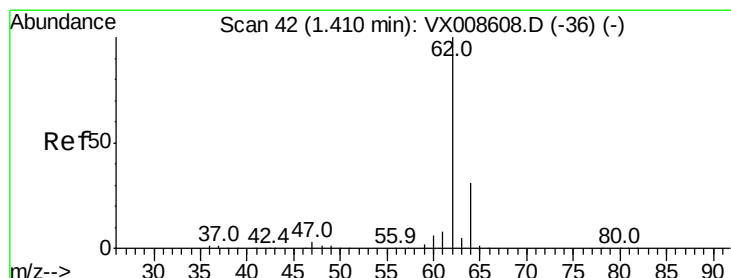
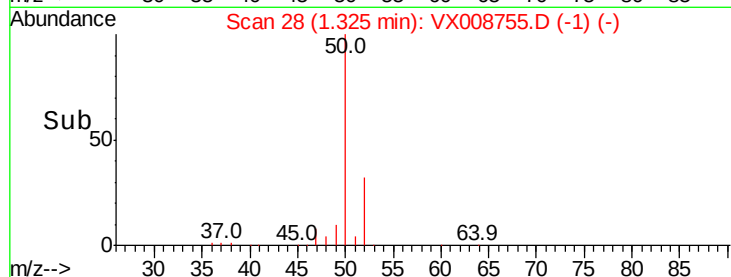
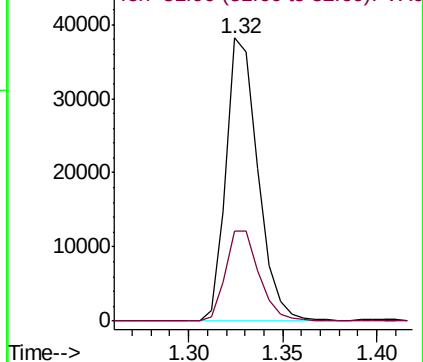
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.753 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008755.D

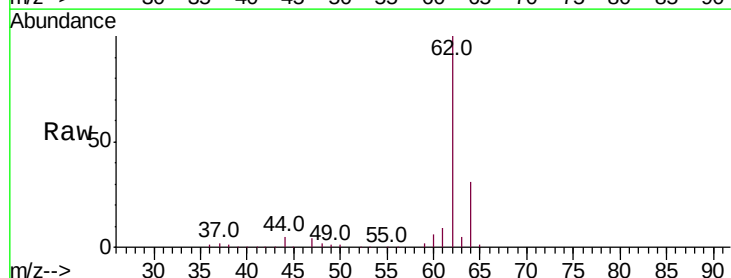
Acq: 08 Apr 2019 19:09

Tgt Ion: 62 Resp: 46663

Ion Ratio Lower Upper

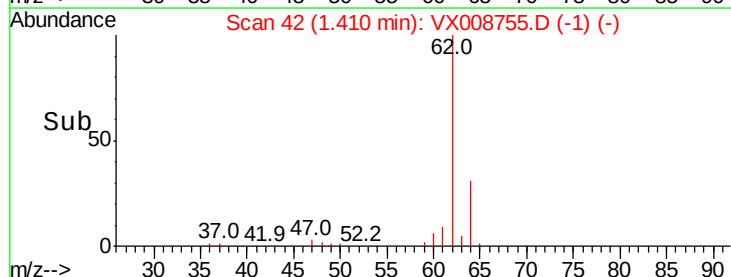
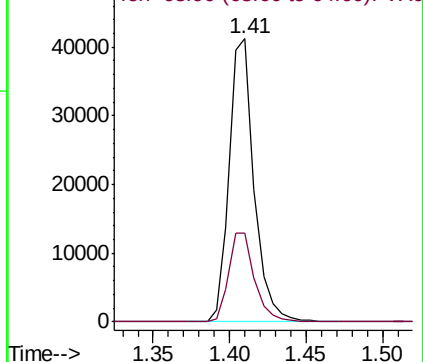
62 100

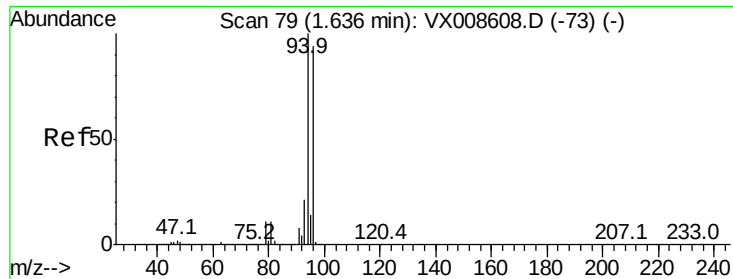
64 31.1 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.294 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion: 94 Resp: 23396

Ion Ratio Lower Upper

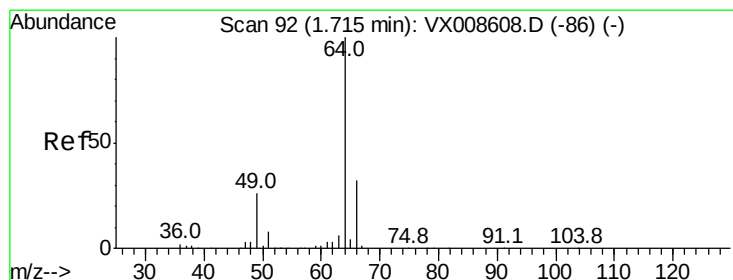
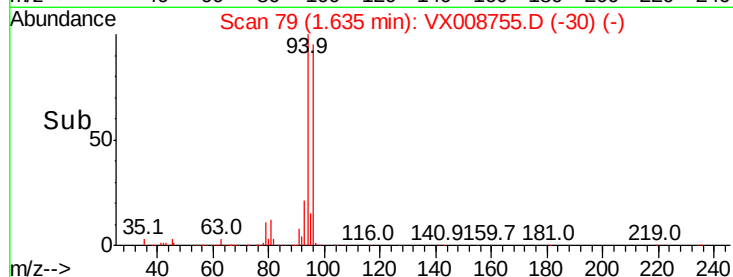
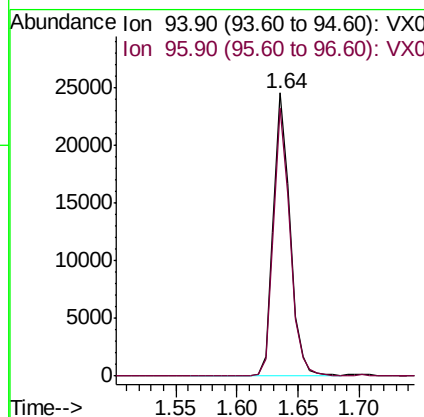
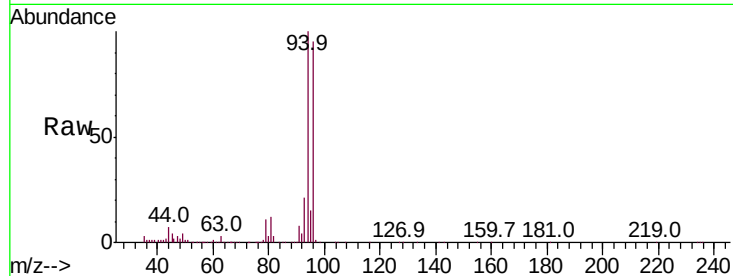
94 100

96 94.6 75.2 112.8

Manual Integrations  
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4/9/2019 1:50:38 PM



#6

Chloroethane

Concen: 16.916 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008755.D

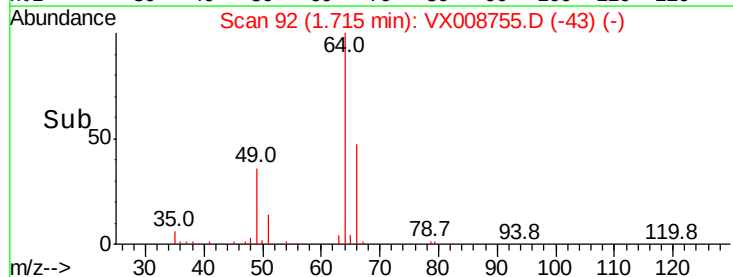
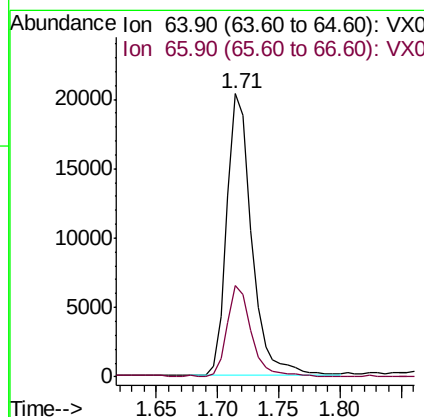
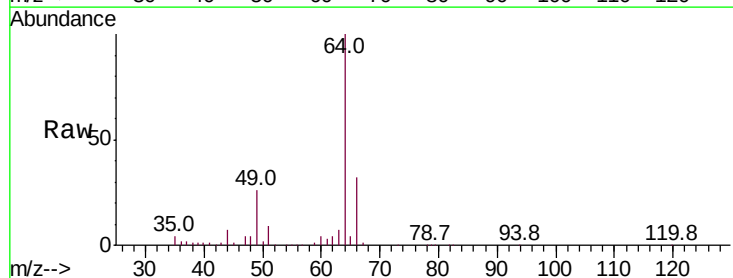
Acq: 08 Apr 2019 19:09

Tgt Ion: 64 Resp: 28779

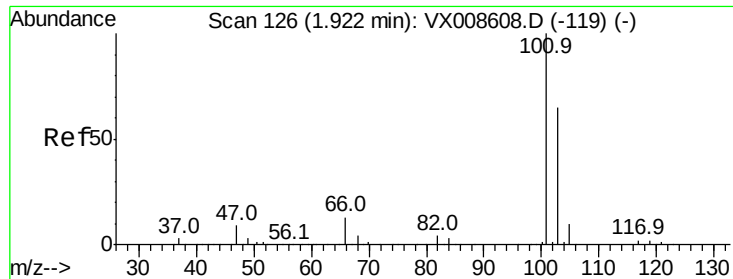
Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.0







#7

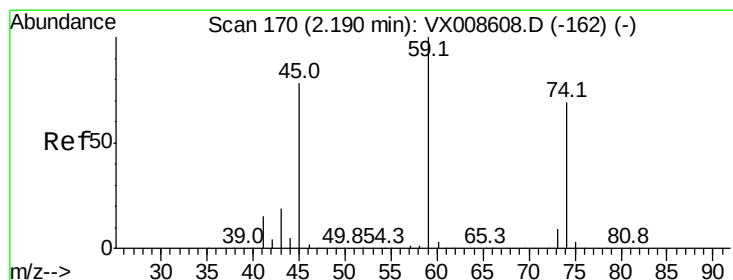
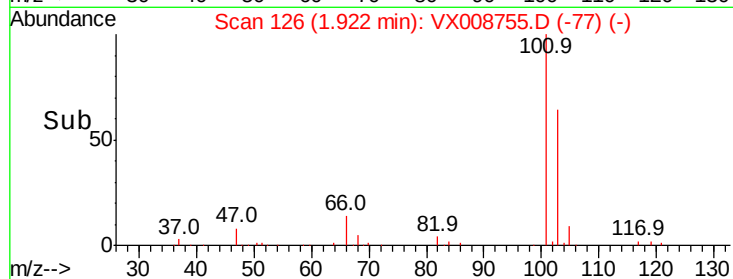
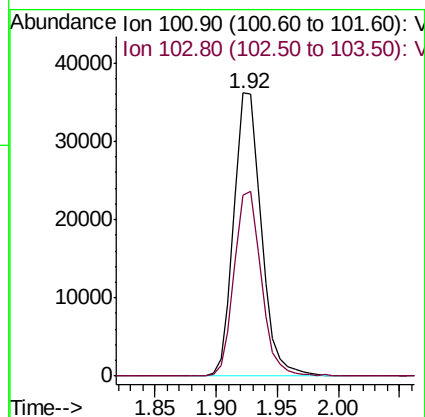
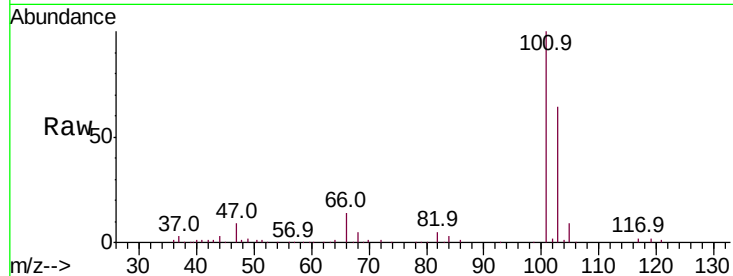
Trichlorofluoromethane  
Concen: 18.192 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0408MBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.1  | 52.3  | 78.5  |

Manual Integrations  
APPROVED

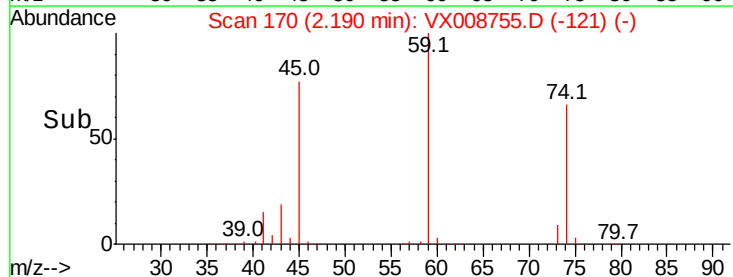
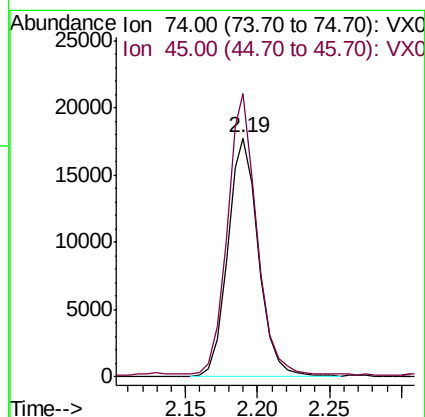
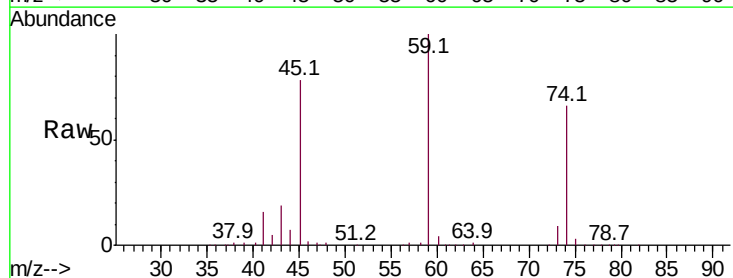
MMDadoda  
4/9/2019 1:50:38 PM



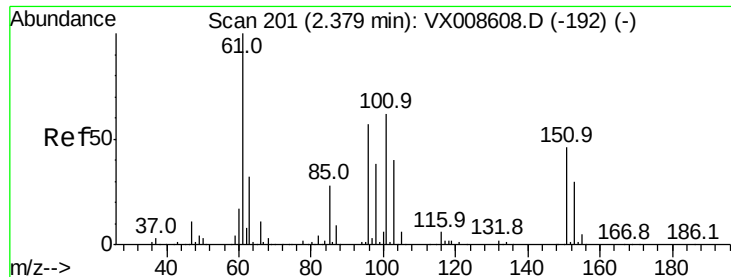
#8

Diethyl Ether  
Concen: 18.161 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 113.0 | 56.5  | 169.5 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.151 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

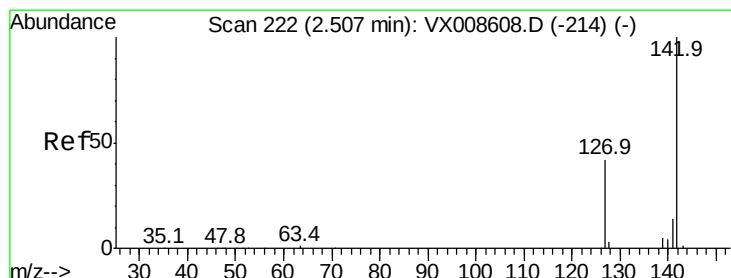
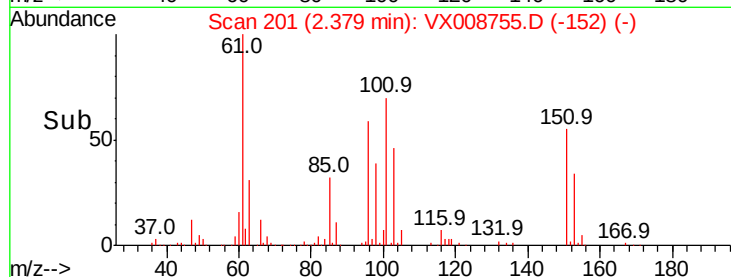
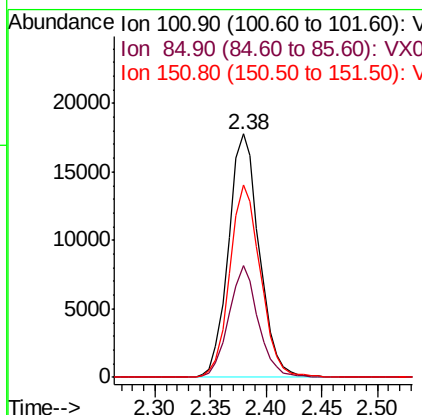
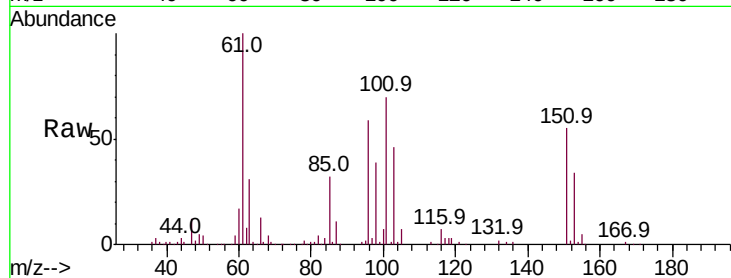
ClientSampleId :

VX0408MBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 33999 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.9  | 36.0  | 54.0  |
| 151       | 79.1  | 59.9  | 89.9  |

Manual Integrations  
APPROVED

MMDadoda  
4/9/2019 1:50:38 PM



#10

Methyl Iodide

Concen: 18.923 ug/l

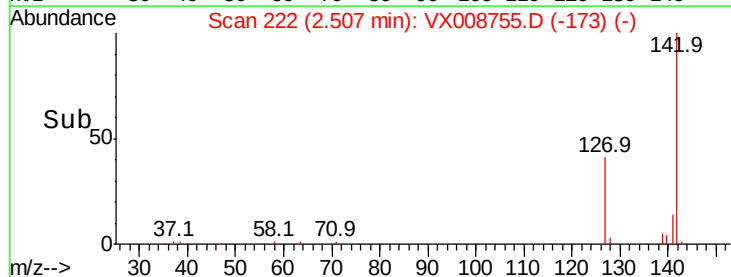
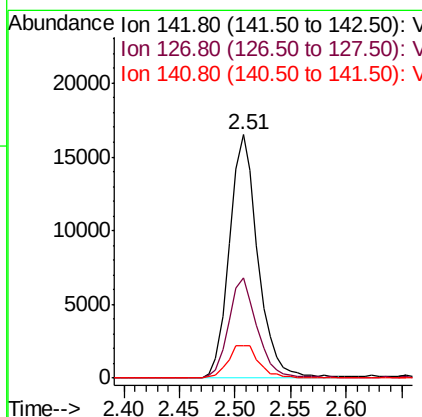
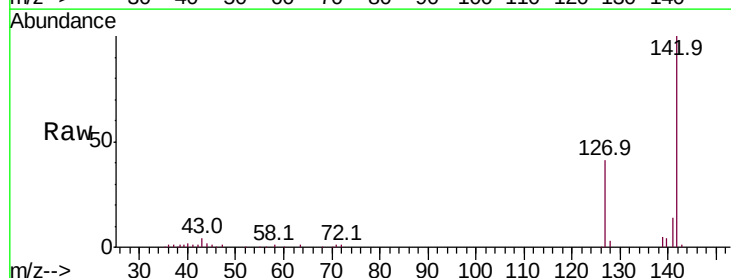
RT: 2.51 min Scan# 222

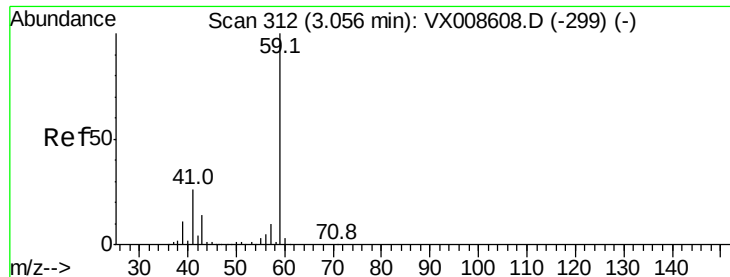
Delta R.T. 0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 29280 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.1  | 33.0  | 49.6  |
| 141       | 14.5  | 11.4  | 17.2  |





#11

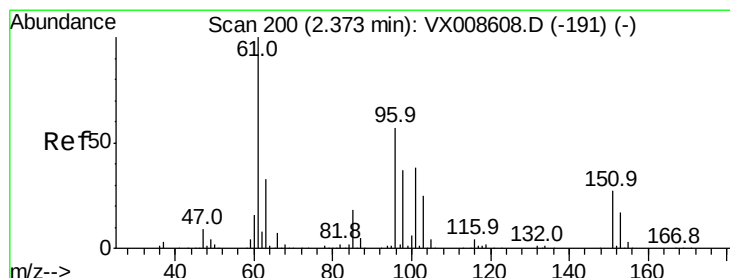
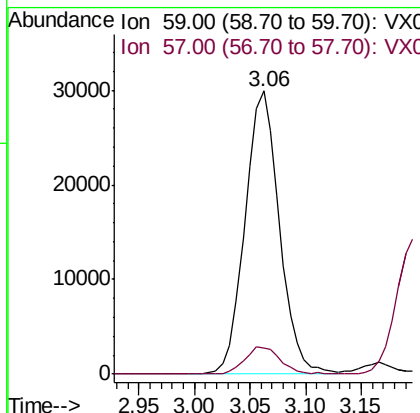
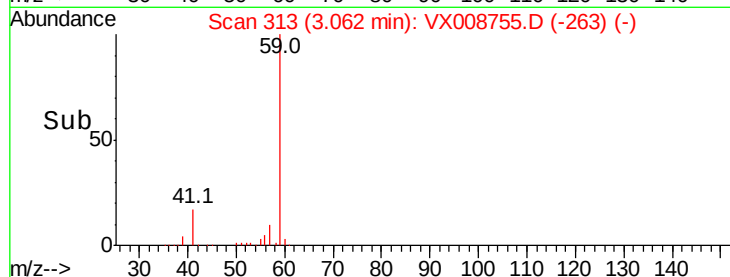
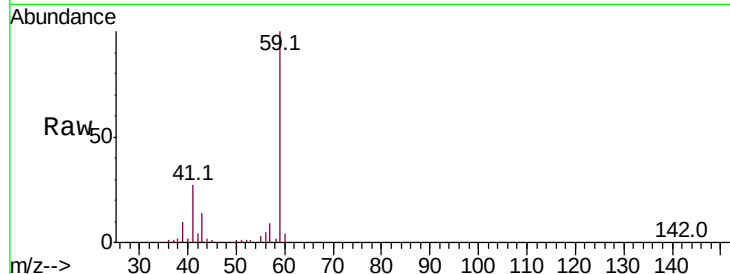
Tert butyl alcohol  
Concen: 105.534 ug/l  
RT: 3.06 min Scan# 313  
Delta R.T. 0.01 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0408MBSD01

| Tot Ion | 59 | 57 | Ratio | 100 | 10.0 | Resp | 64505 | Lower | 8.3 | Upper | 12.5 |
|---------|----|----|-------|-----|------|------|-------|-------|-----|-------|------|
| Ion     | 59 | 57 | Ratio | 100 | 10.0 | Resp | 64505 | Lower | 8.3 | Upper | 12.5 |

Manual Integrations  
APPROVED

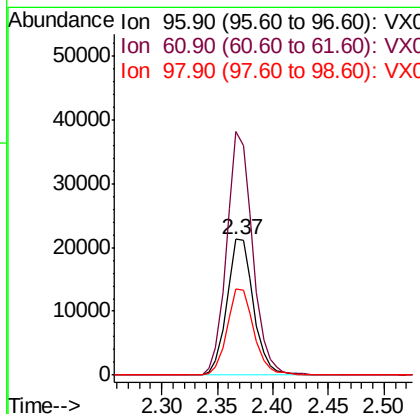
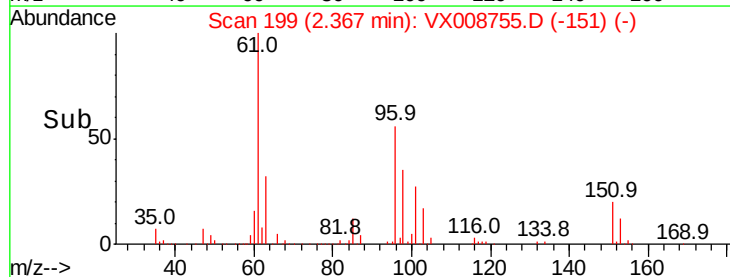
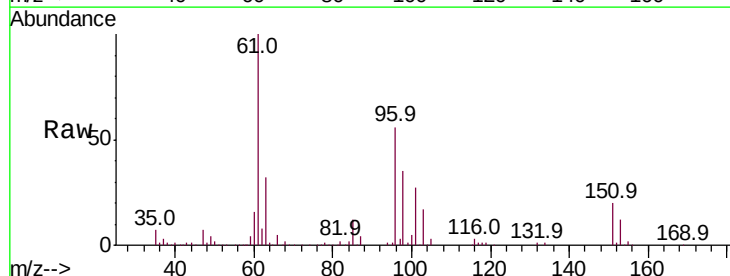
MMDadoda  
4/9/2019 1:50:38 PM

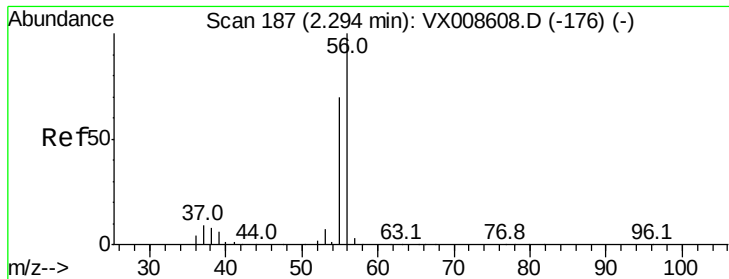


#12

1,1-Dichloroethene  
Concen: 17.024 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. -0.01 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 179.3 | 63.1 | Resp | 35230 | Lower | 140.9 | 52.1 | Upper | 211.3 | 78.1 |
|---------|----|----|----|-------|-----|-------|------|------|-------|-------|-------|------|-------|-------|------|
| Ion     | 96 | 61 | 98 | Ratio | 100 | 179.3 | 63.1 | Resp | 35230 | Lower | 140.9 | 52.1 | Upper | 211.3 | 78.1 |





#13

Acrolein

Concen: 109.279 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion: 56 Resp: 33120

Ion Ratio Lower Upper

56 100

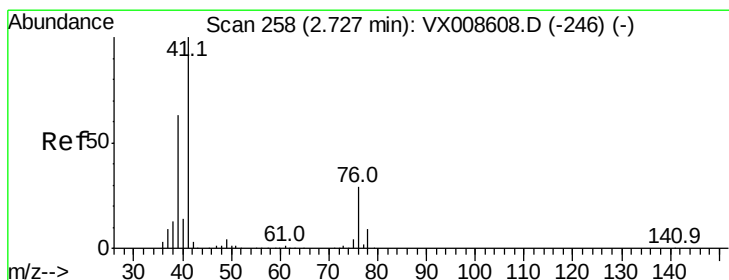
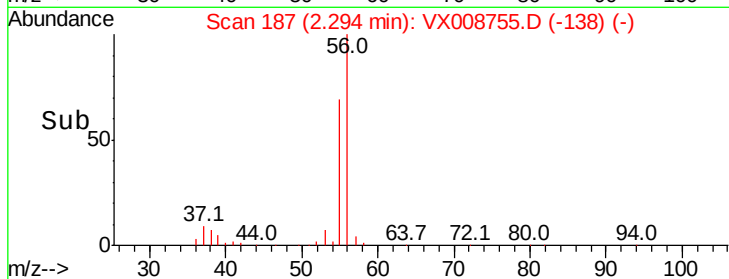
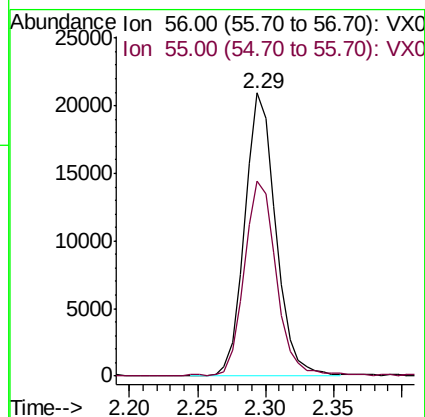
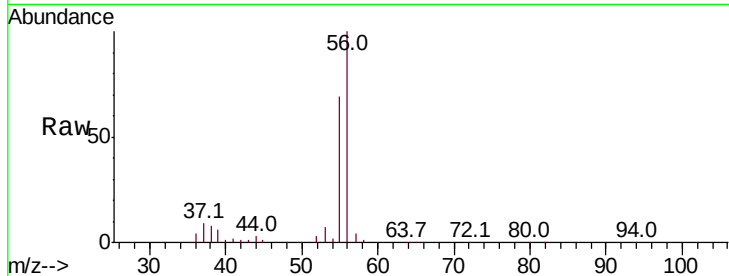
55 72.6 58.0 87.0

Manual Integrations

APPROVED

MMDadoda

4/9/2019 1:50:38 PM



#14

Allyl chloride

Concen: 17.993 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

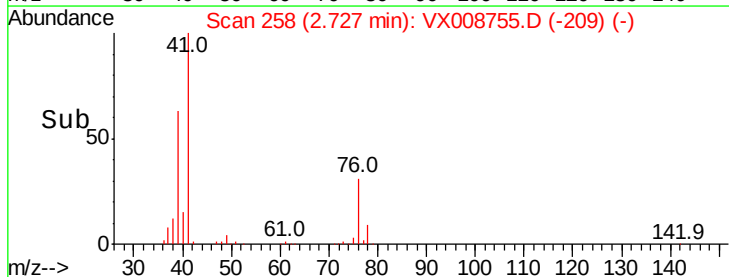
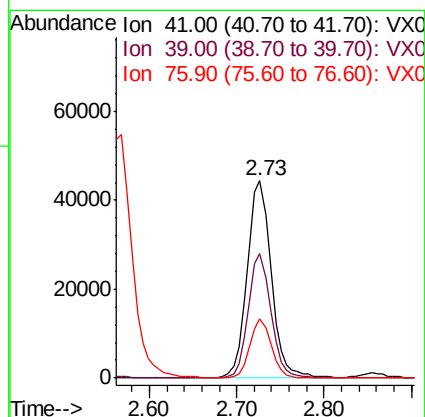
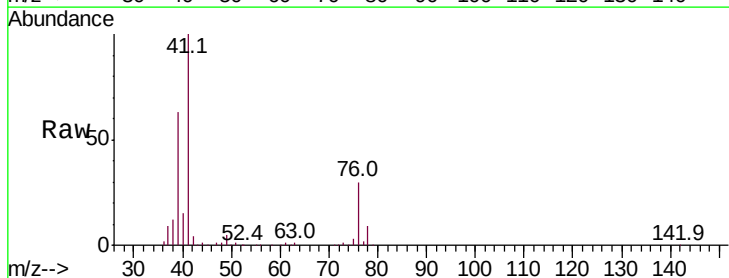
Tgt Ion: 41 Resp: 85241

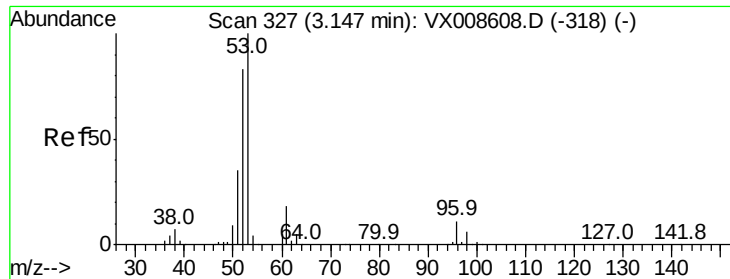
Ion Ratio Lower Upper

41 100

39 59.4 48.0 72.0

76 27.0 22.0 33.0





#15

Acrylonitrile

Concen: 98.980 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

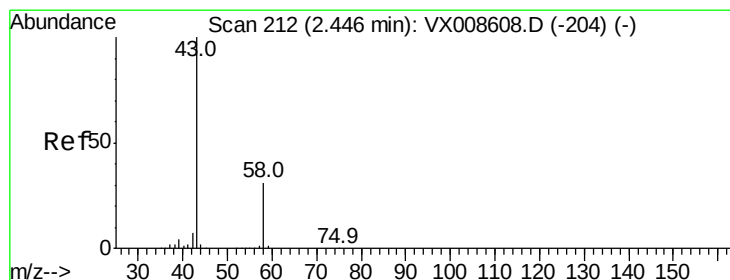
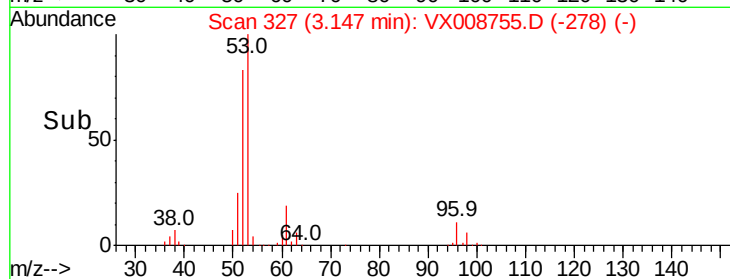
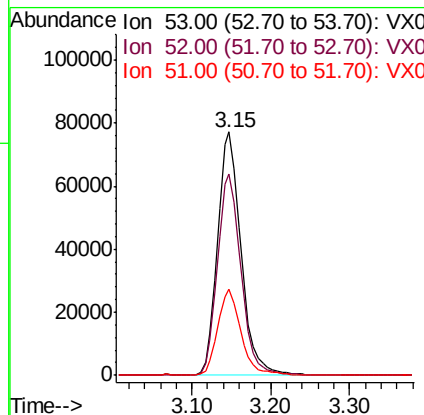
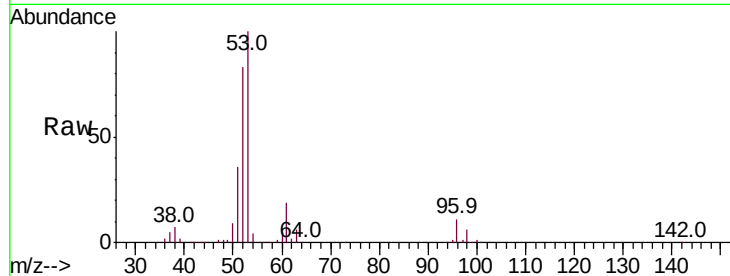
ClientSampleId :

VX0408MBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 160271 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.0  | 66.5  | 99.7   |
| 51       | 35.1  | 28.6  | 42.8   |

Manual Integrations  
APPROVED

MMDadoda  
4/9/2019 1:50:38 PM



#16

Acetone

Concen: 98.385 ug/l

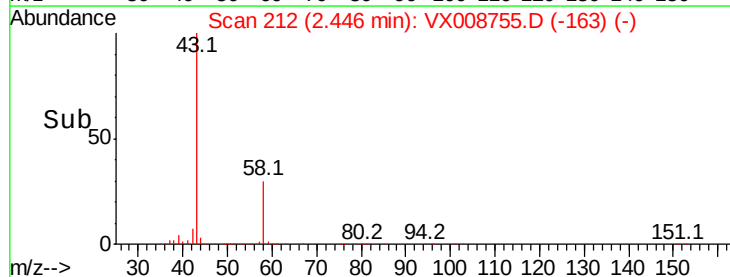
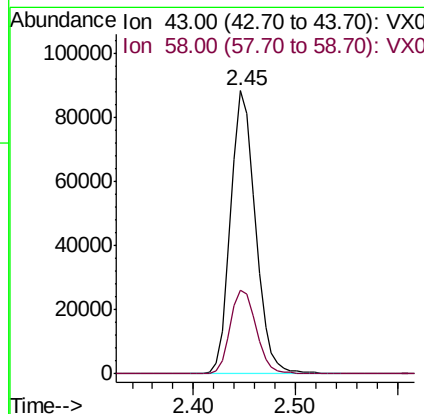
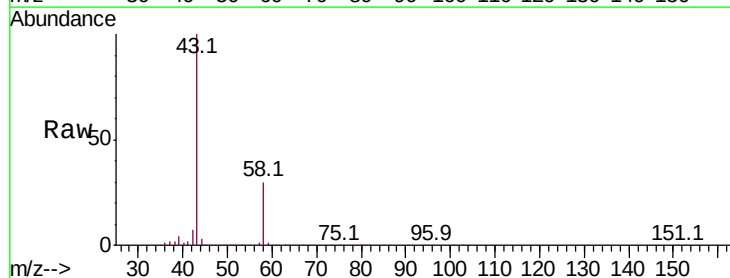
RT: 2.45 min Scan# 212

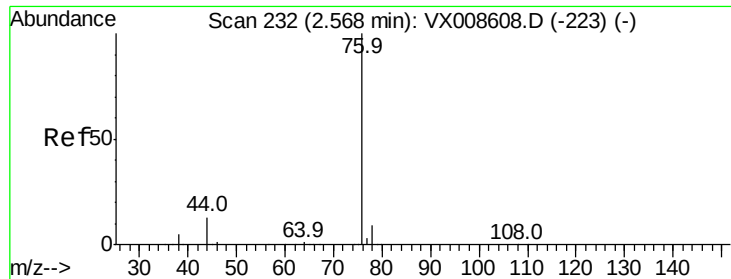
Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 147946 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 29.7  | 24.8  | 37.2   |





#17

Carbon Disulfide

Concen: 16.402 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion: 76 Resp: 100985

Ion Ratio Lower Upper

76 100

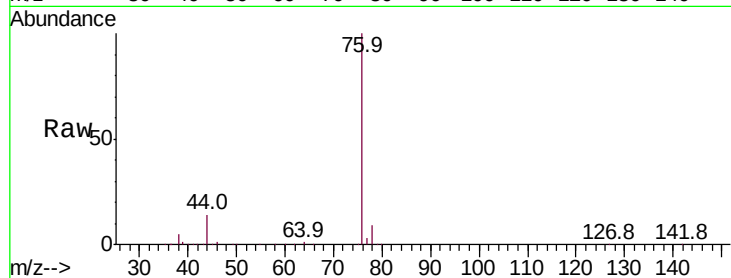
78 9.1 7.1 10.7

Manual Integrations

APPROVED

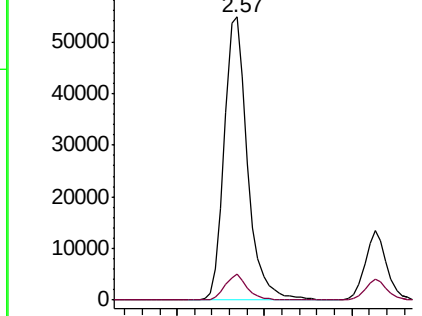
MMDadoda

4/9/2019 1:50:38 PM

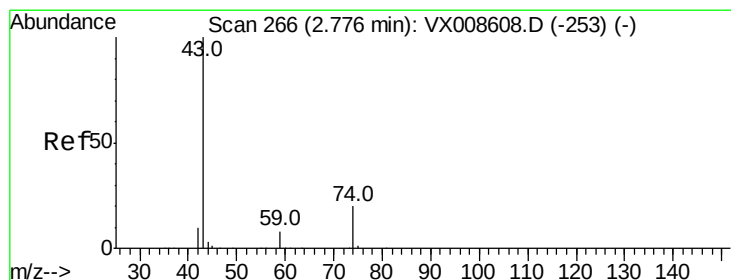
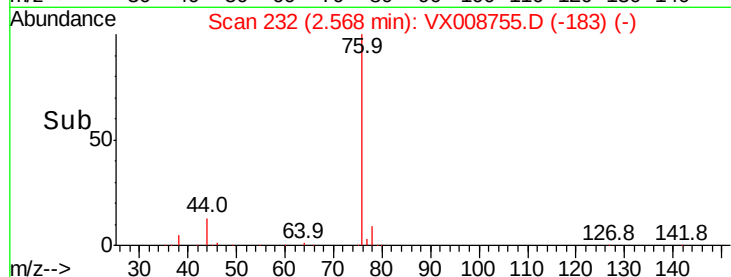


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 21.852 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008755.D

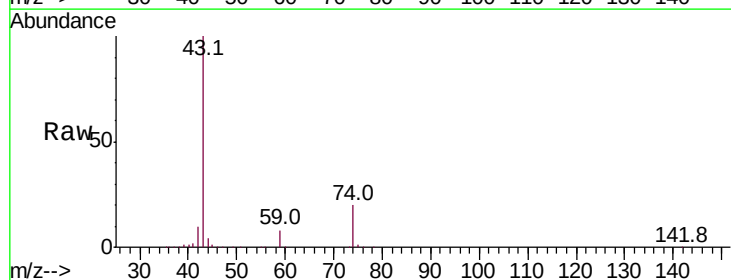
Acq: 08 Apr 2019 19:09

Tgt Ion: 43 Resp: 79695

Ion Ratio Lower Upper

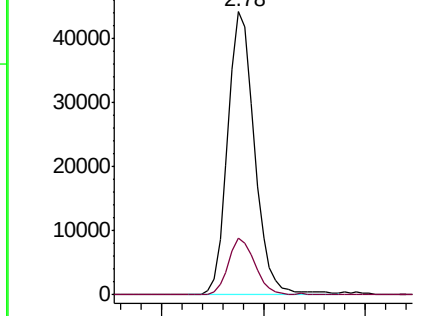
43 100

74 20.5 16.5 24.7

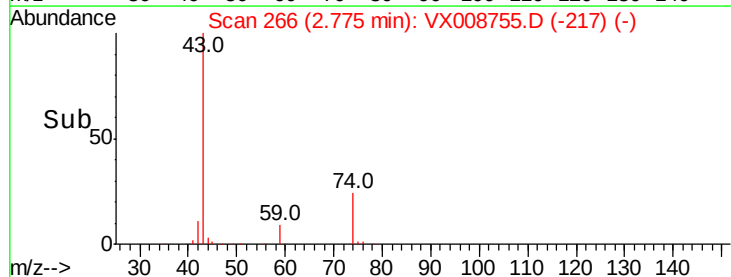


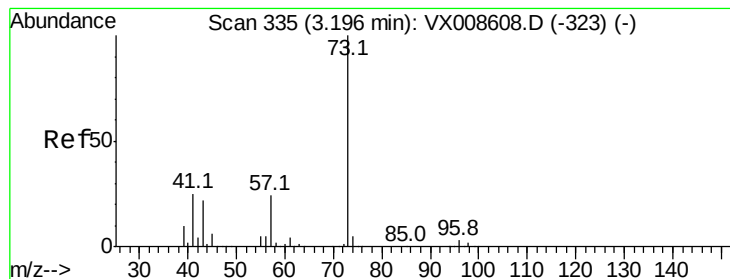
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





#19

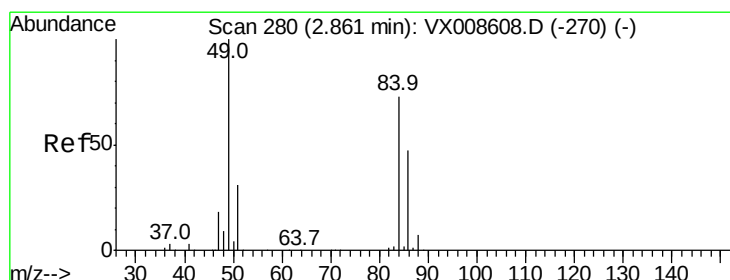
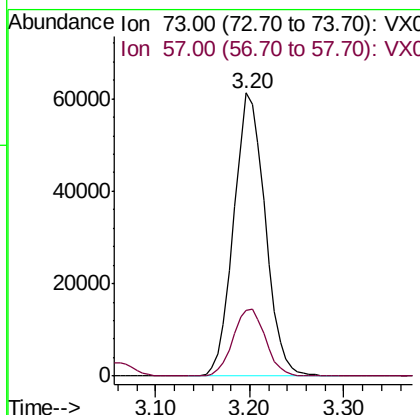
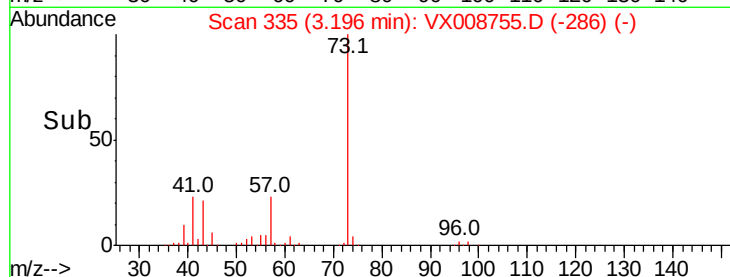
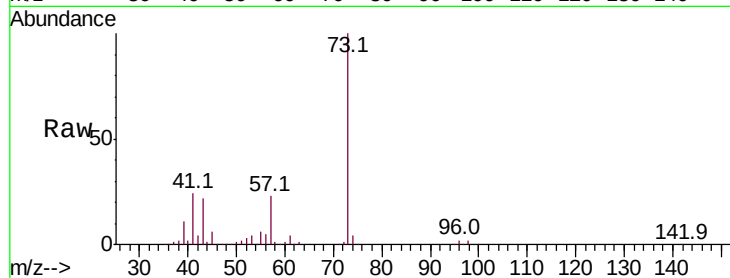
Methyl tert-butyl Ether  
 Concen: 19.305 ug/l  
 RT: 3.20 min Scan# 335  
 Delta R.T. -0.00 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0408MBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 23.4  | 19.5  | 29.3  |

Manual Integrations  
 APPROVED

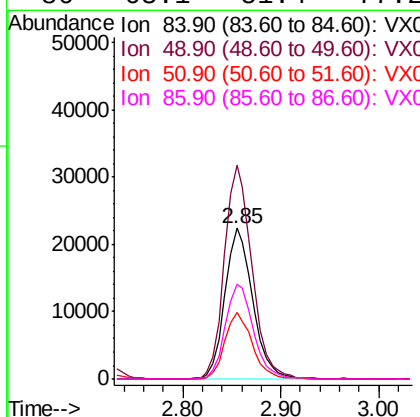
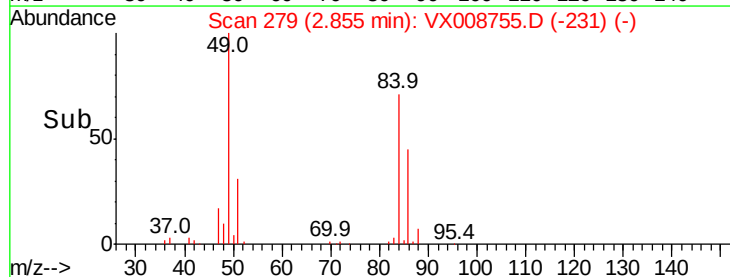
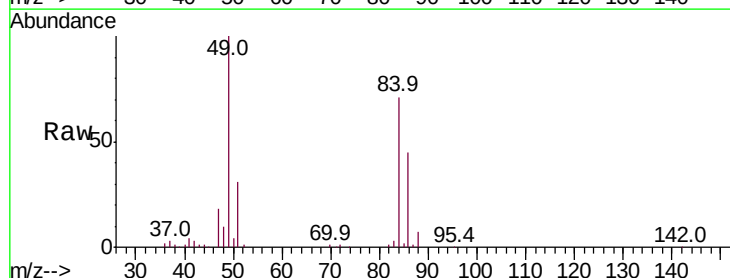
MMDadoda  
 4/9/2019 1:50:38 PM

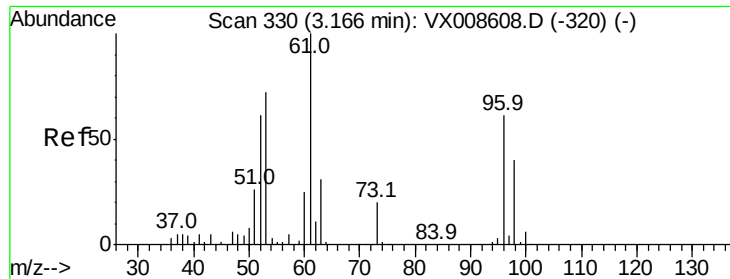


#20

Methylene Chloride  
 Concen: 17.601 ug/l  
 RT: 2.85 min Scan# 279  
 Delta R.T. -0.01 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 141.4 | 109.7 | 164.5 |
| 51      | 44.0  | 33.6  | 50.4  |
| 86      | 63.1  | 51.4  | 77.2  |





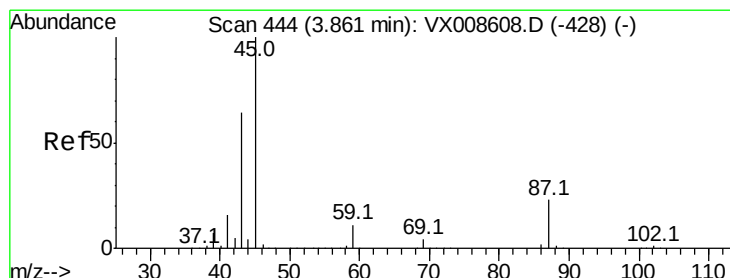
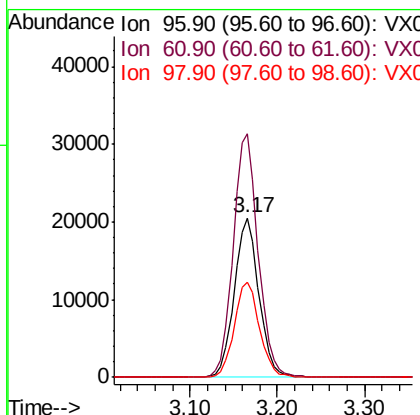
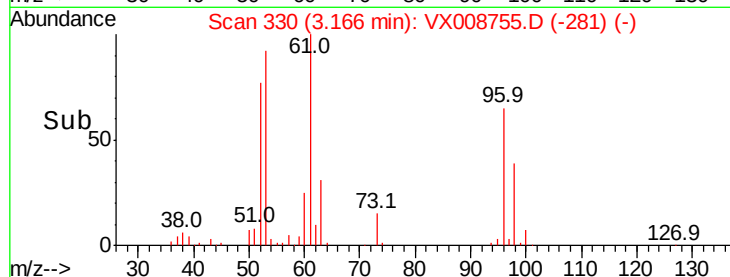
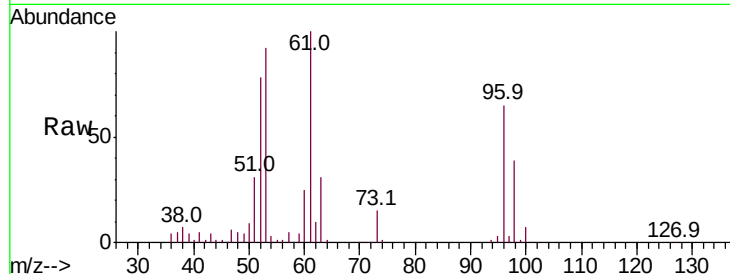
#21  
trans-1,2-Dichloroethene  
Concen: 17.985 ug/l  
RT: 3.17 min Scan# 330  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0408MBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 152.9 | 132.1 | 198.1 |
| 98      | 60.1  | 52.2  | 78.2  |

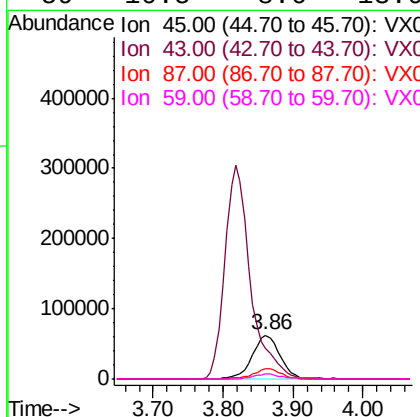
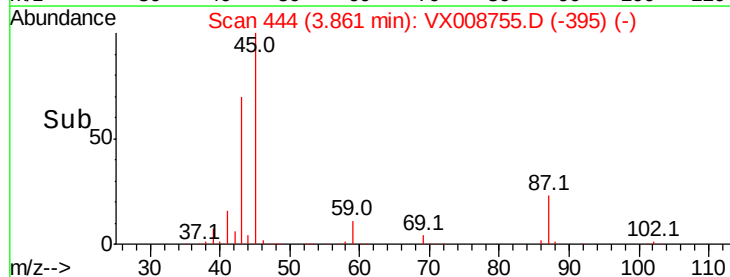
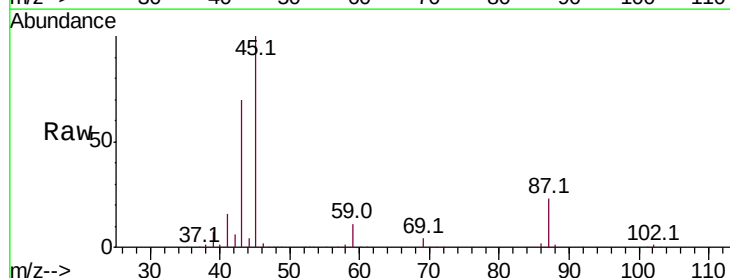
Manual Integrations  
APPROVED

MMDadoda  
4/9/2019 1:50:38 PM

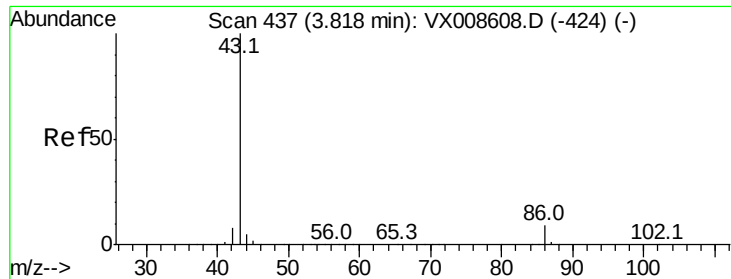


#22  
Diisopropyl ether  
Concen: 18.942 ug/l  
RT: 3.86 min Scan# 444  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 69.8  | 51.3  | 76.9  |
| 87      | 23.3  | 18.1  | 27.1  |
| 59      | 10.5  | 8.6   | 13.0  |







#23

Vinyl Acetate

Concen: 97.762 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion: 43 Resp: 776545

Ion Ratio Lower Upper

43 100

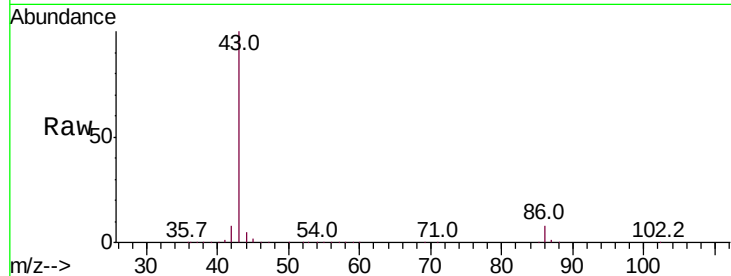
86 8.3 7.0 10.6

Manual Integrations

APPROVED

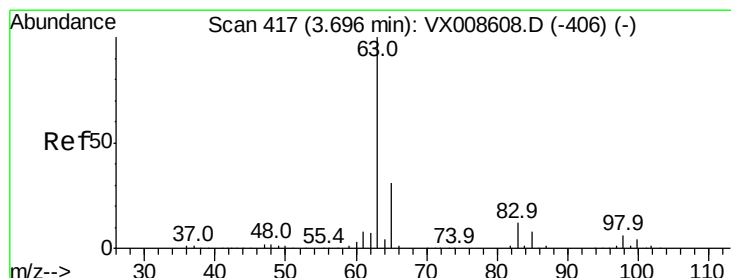
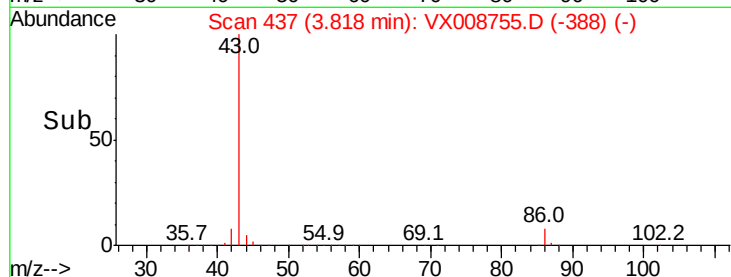
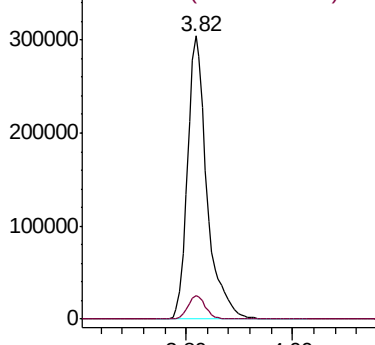
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.666 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

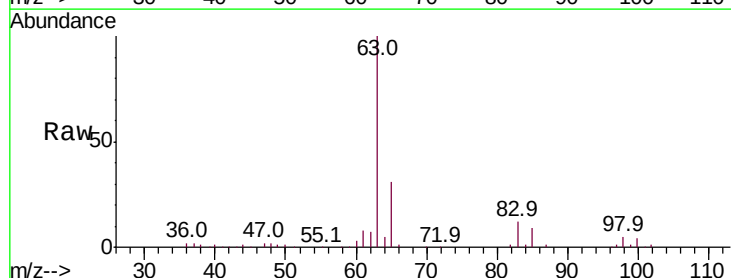
Tgt Ion: 63 Resp: 84384

Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.4

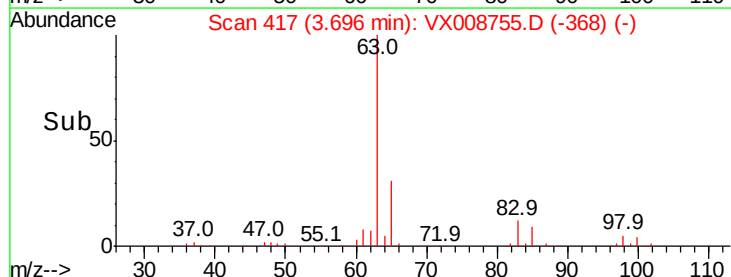
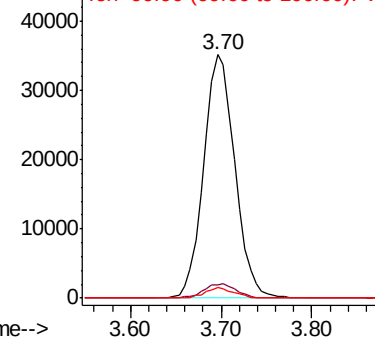
100 4.2 1.8 5.5

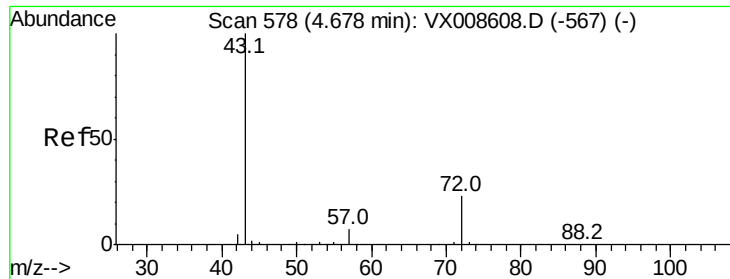


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.647 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion: 43 Resp: 248716

Ion Ratio Lower Upper

43 100

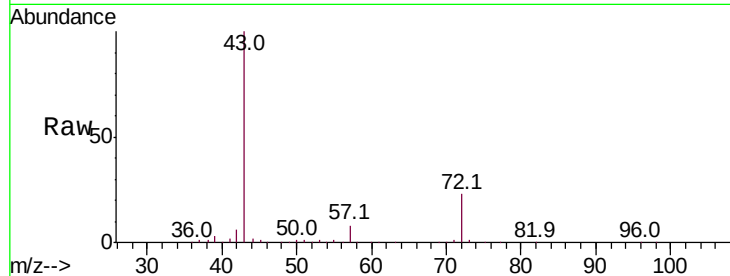
72 23.0 18.2 27.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

80000

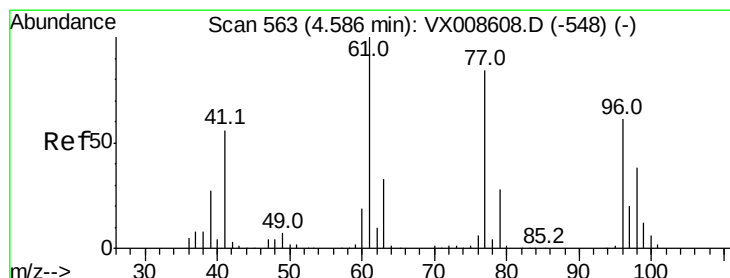
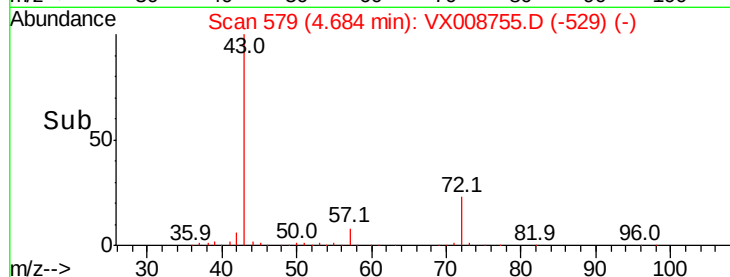
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.508 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008755.D

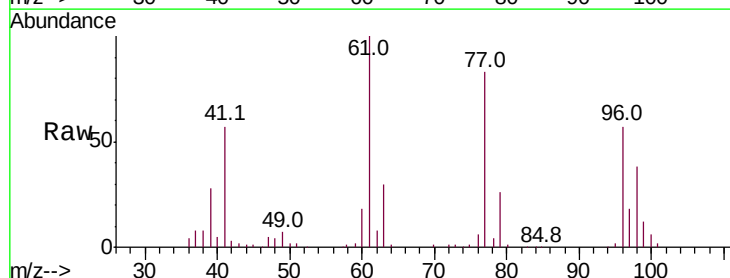
Acq: 08 Apr 2019 19:09

Tgt Ion: 77 Resp: 58930

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

20000

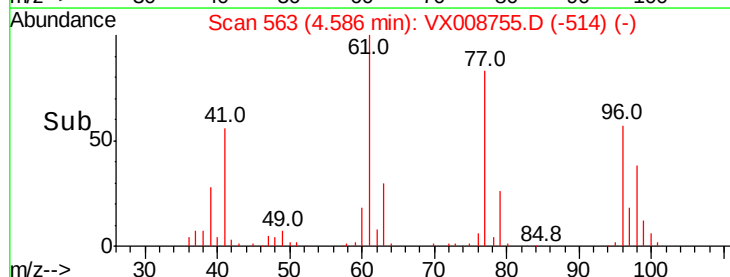
15000

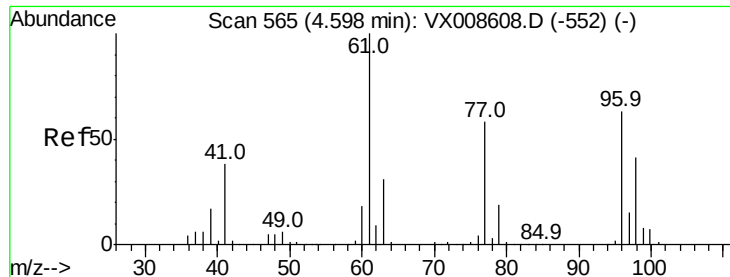
10000

5000

0

Time-->





#27

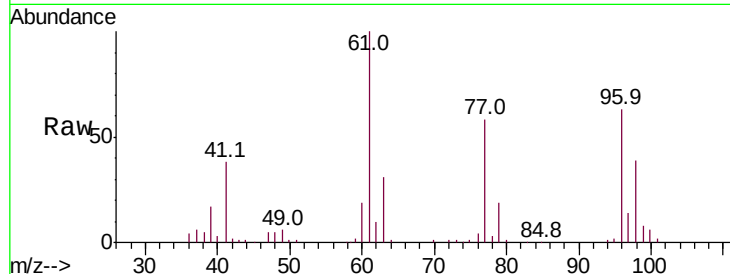
cis-1,2-Dichloroethene  
Concen: 18.156 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0408MBSD01

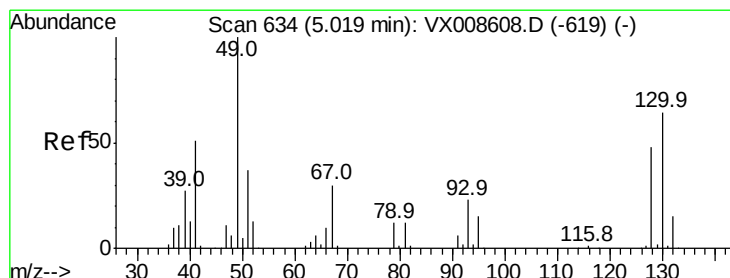
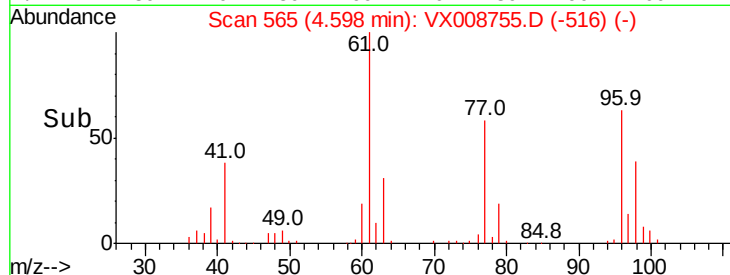
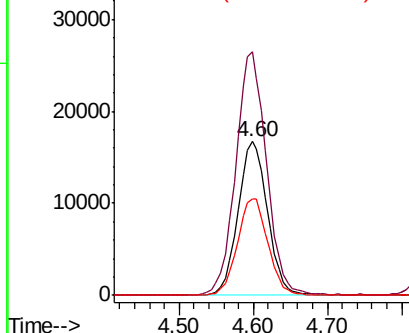
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 164.1 | 0.0   | 327.6 |
| 98      | 64.5  | 0.0   | 128.6 |

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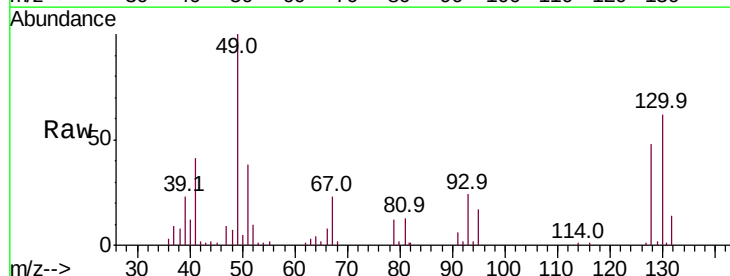
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



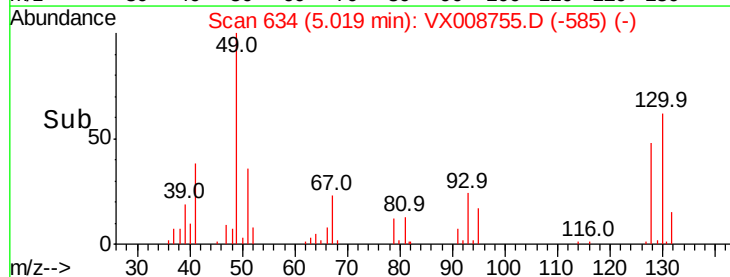
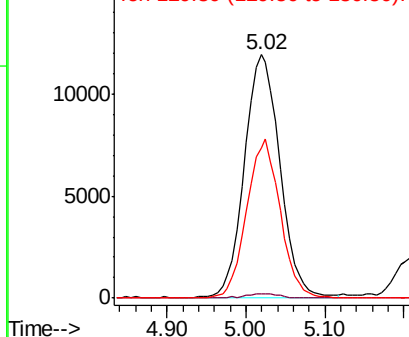
#28

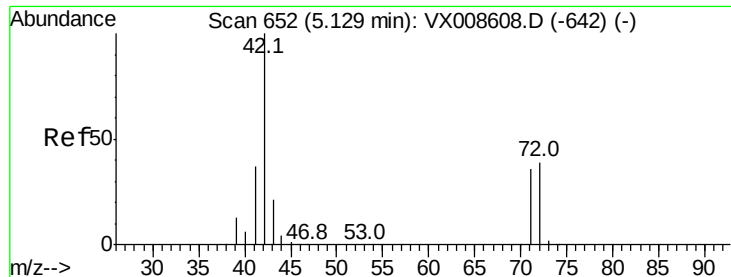
Bromochloromethane  
Concen: 17.899 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.6   | 0.0   | 3.6   |
| 130     | 61.4  | 49.3  | 73.9  |



Abundance Ion 48.90 (48.60 to 49.60): VX0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.038 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

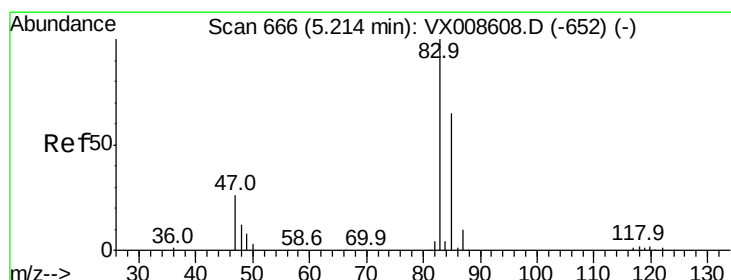
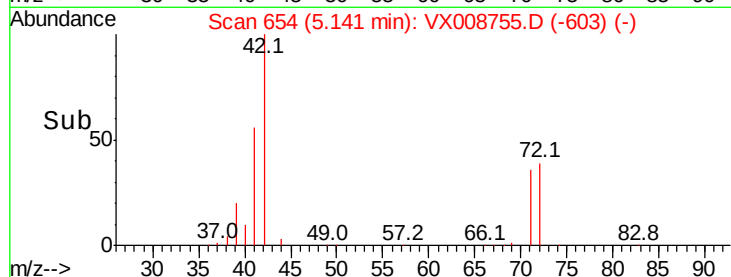
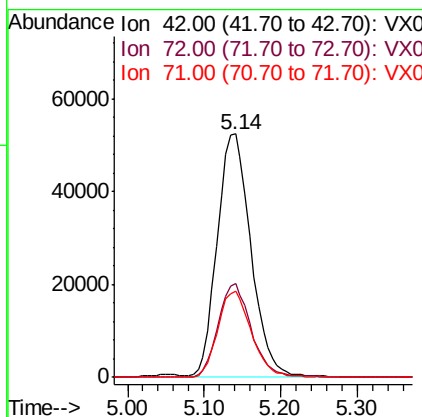
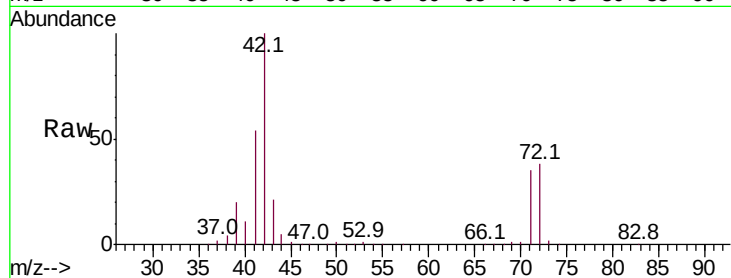
ClientSampleId :

VX0408MBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 42    | Resp: | 159385 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 72        | 38.3  | 30.5  | 45.7   |
| 71        | 35.5  | 28.6  | 43.0   |

Manual Integrations  
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4/9/2019 1:50:38 PM



#30

Chloroform

Concen: 18.835 ug/l

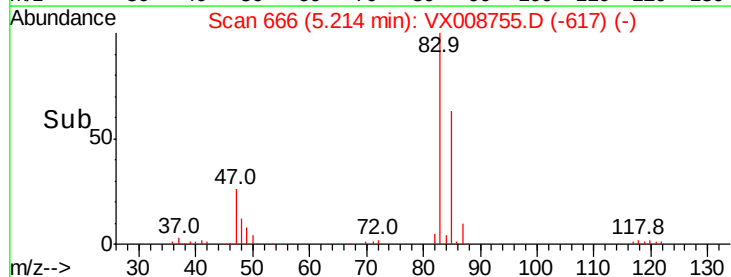
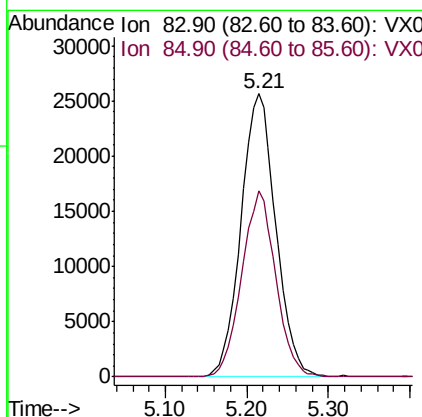
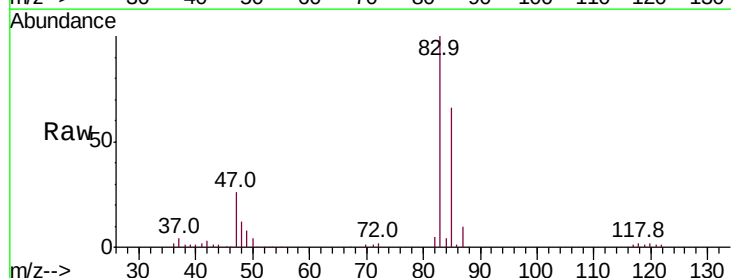
RT: 5.21 min Scan# 666

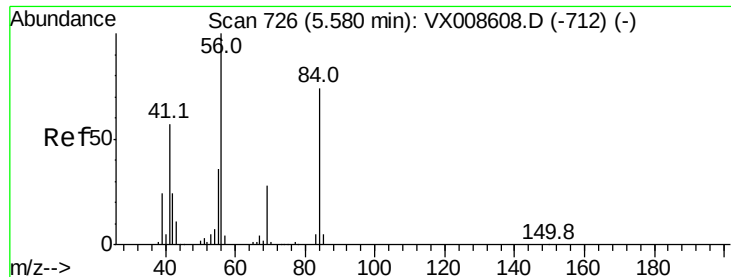
Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 76053 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 65.6  | 52.1  | 78.1  |





#31

Cyclohexane

Concen: 17.720 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion: 56 Resp: 79935

Ion Ratio Lower Upper

56 100

69 29.0 22.6 33.8

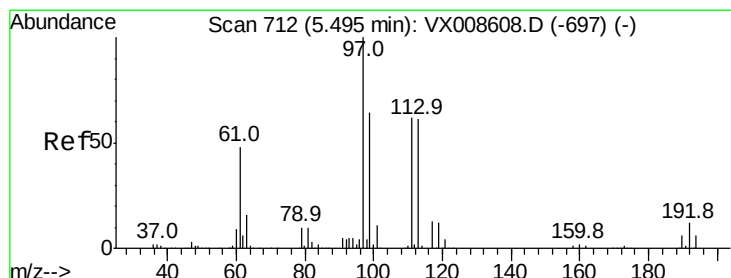
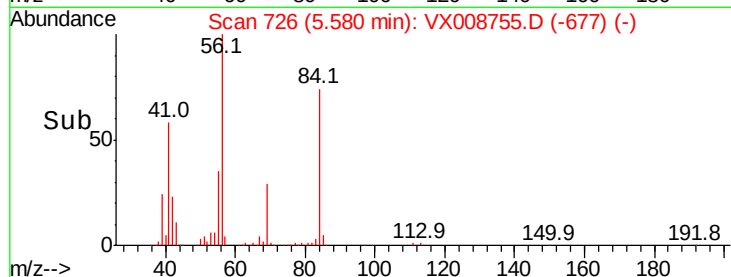
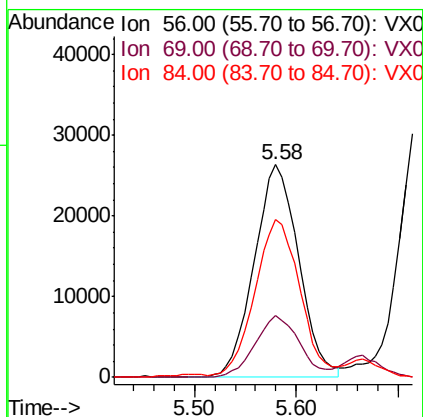
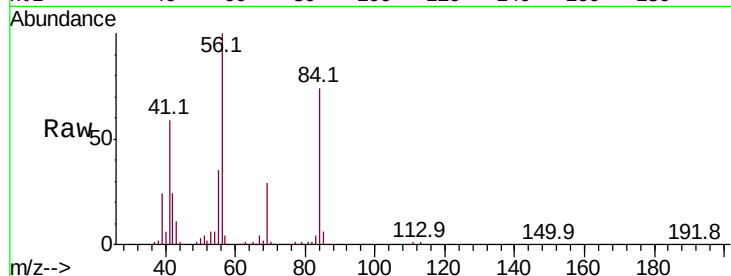
84 73.1 59.3 88.9

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4/9/2019 1:50:38 PM



#32

1,1,1-Trichloroethane

Concen: 18.683 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

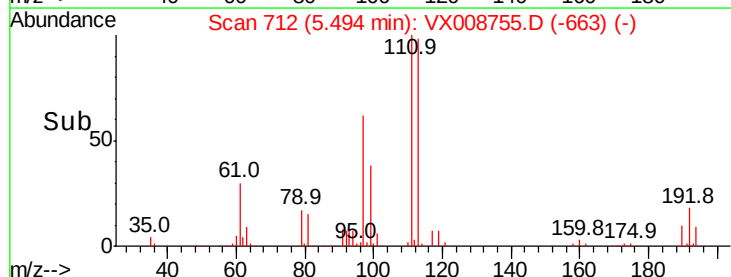
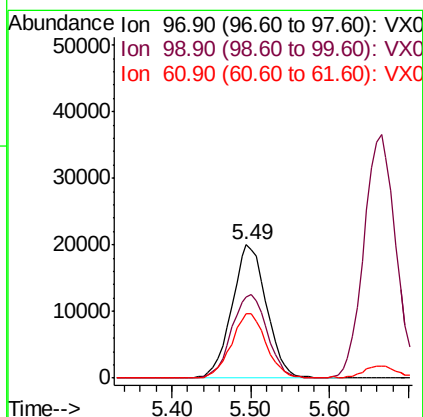
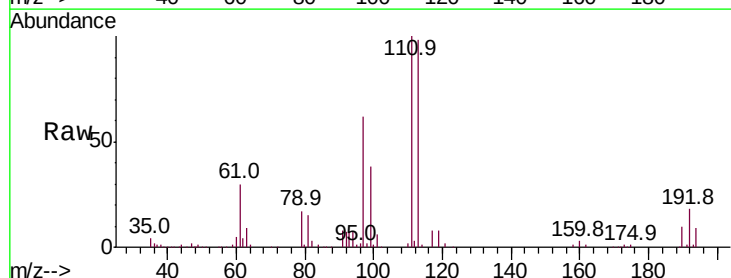
Tgt Ion: 97 Resp: 60962

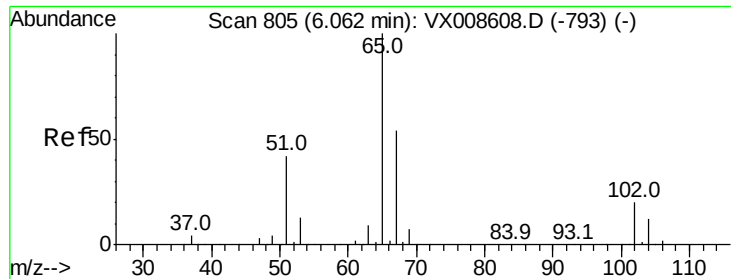
Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 48.7 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 49.276 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

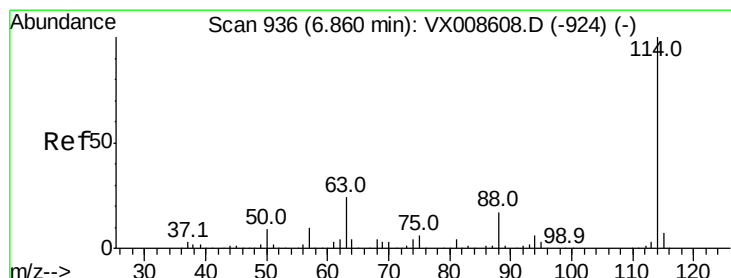
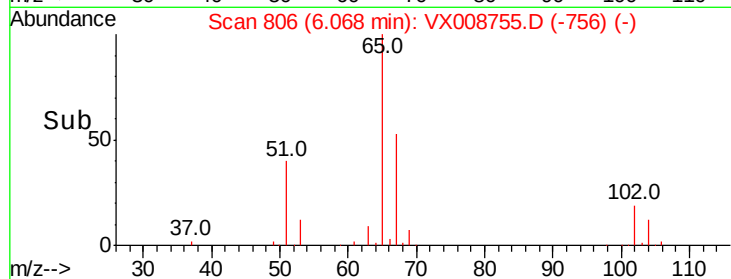
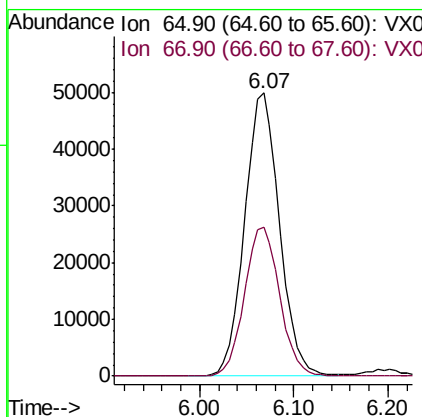
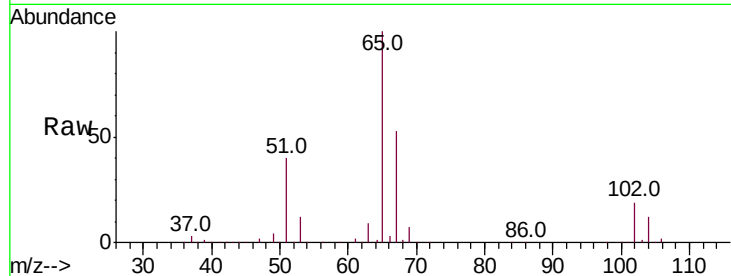
Instrument :  
MSVOA\_X

ClientSampleId :  
VX0408MBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 128649 |       |       |
| 67      | 53.3  | 0.0    | 107.2 |       |

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4/9/2019 1:50:38 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

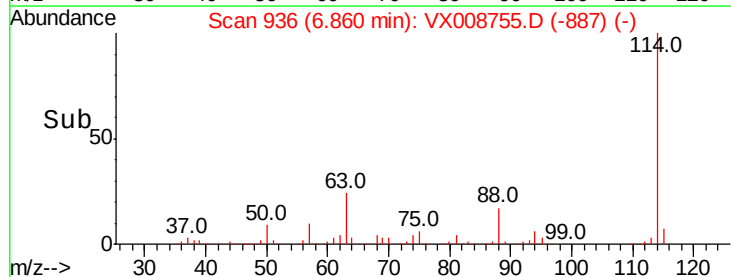
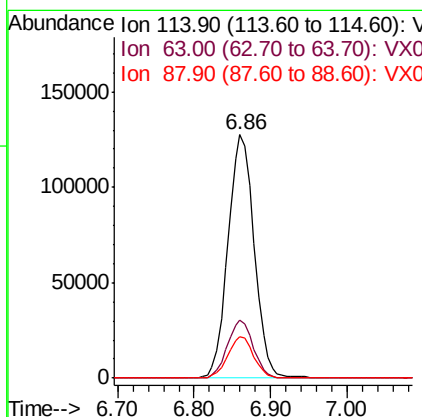
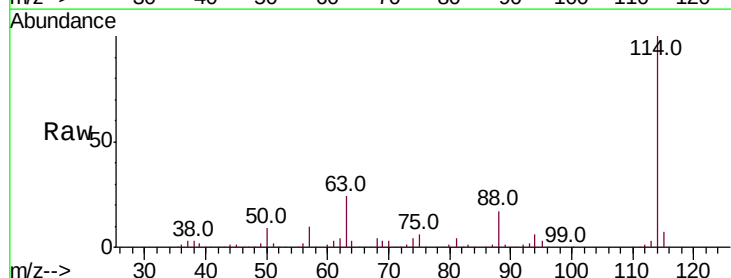
RT: 6.86 min Scan# 936

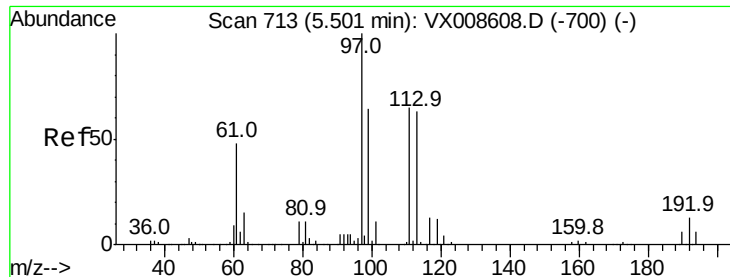
Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 302138 |       |       |
| 63      | 23.8  | 0.0    | 47.2  |       |
| 88      | 16.7  | 0.0    | 34.0  |       |





#35

Dibromofluoromethane

Concen: 48.998 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

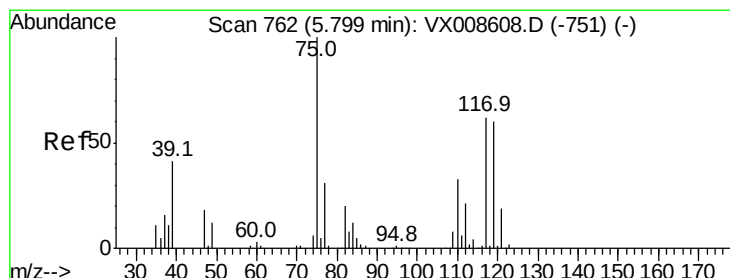
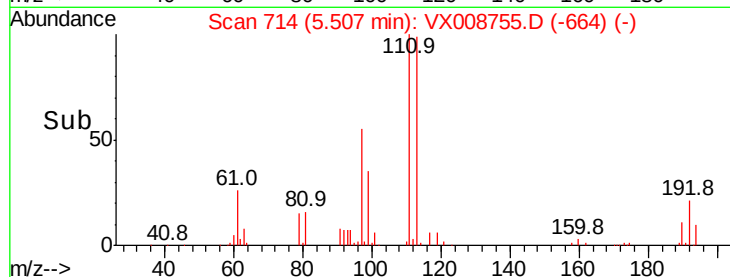
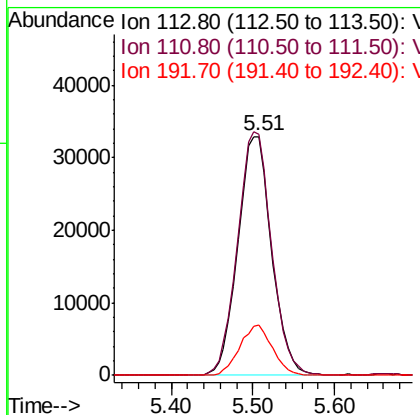
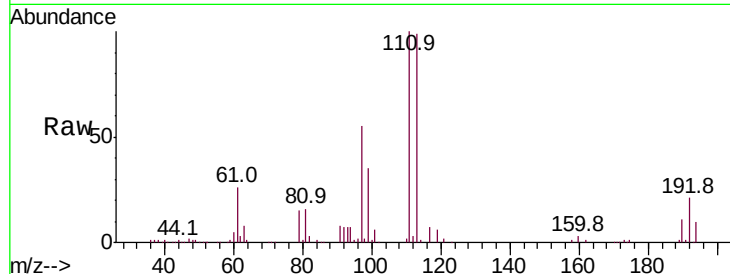
ClientSampleId :

VX0408MBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 94653 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 102.8 | 83.4  | 125.2 |
| 192       | 20.5  | 16.1  | 24.1  |

Manual Integrations  
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#36

1,1-Dichloropropene

Concen: 17.647 ug/l

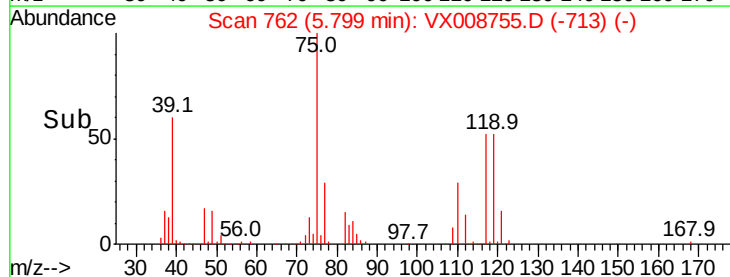
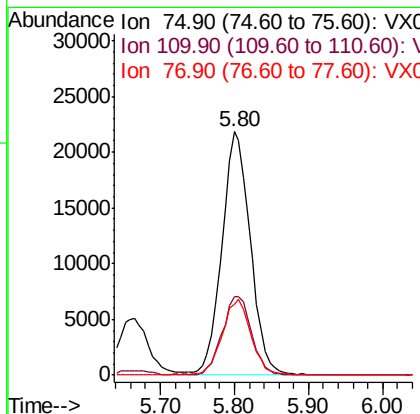
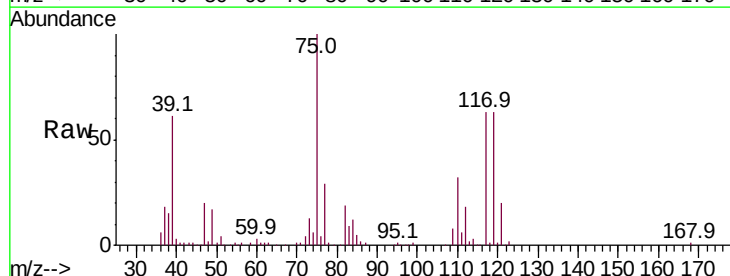
RT: 5.80 min Scan# 762

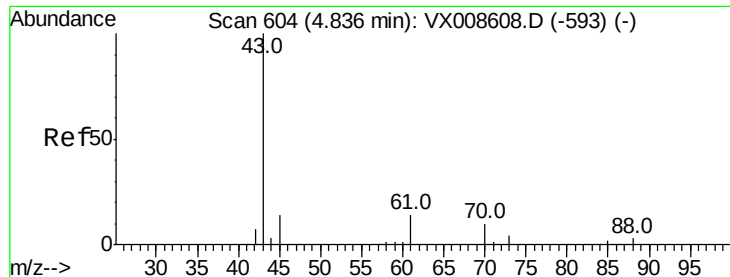
Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 58282 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 33.4  | 16.4  | 49.2  |
| 77        | 31.5  | 24.7  | 37.1  |





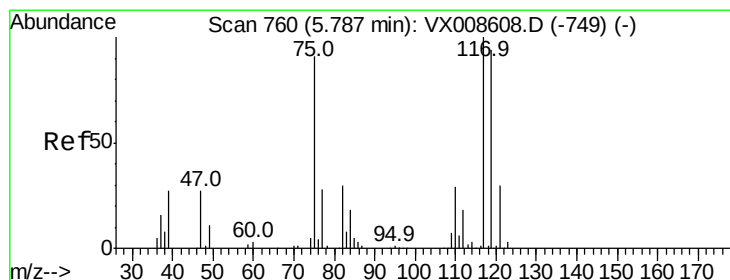
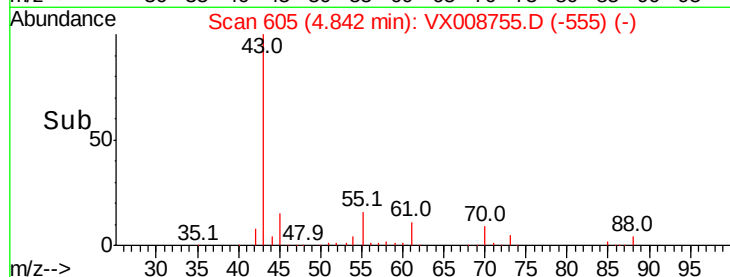
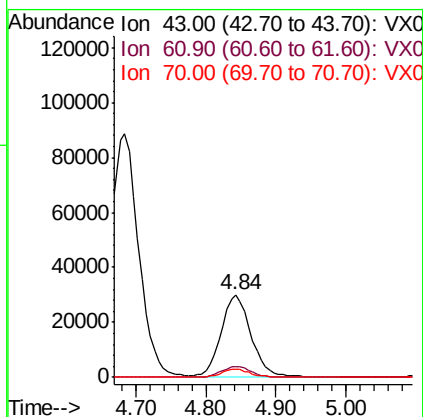
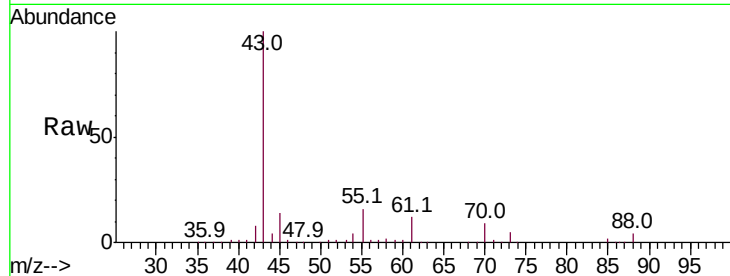
#37  
Ethyl Acetate  
Concen: 20.129 ug/l  
RT: 4.84 min Scan# 605  
Delta R.T. 0.01 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0408MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.7  | 10.3  | 15.5  |
| 70      | 9.8   | 7.6   | 11.4  |

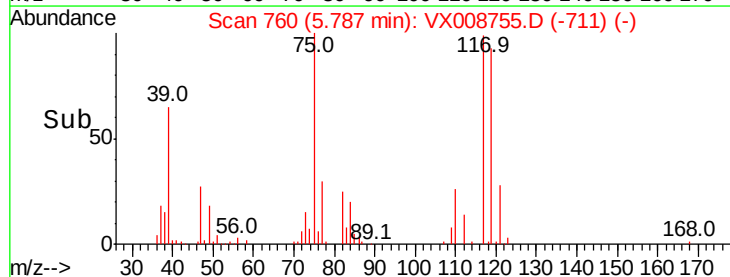
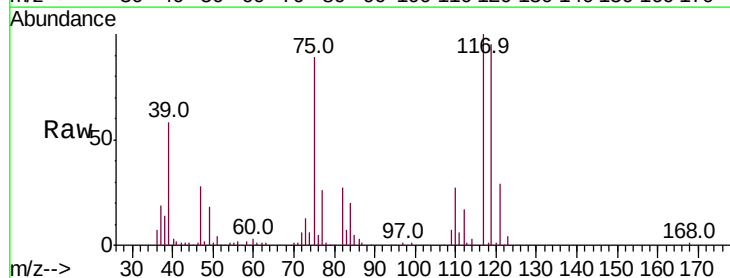
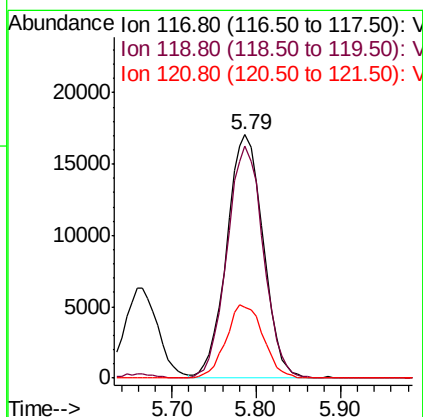
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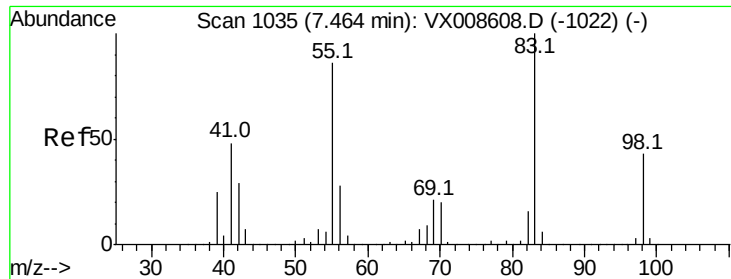


#38  
Carbon Tetrachloride  
Concen: 18.320 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.3  | 75.0  | 112.6 |
| 121     | 28.8  | 24.3  | 36.5  |







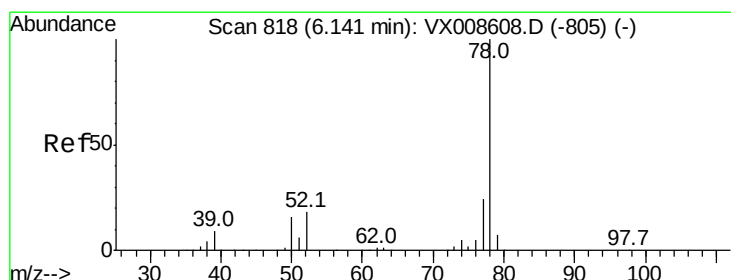
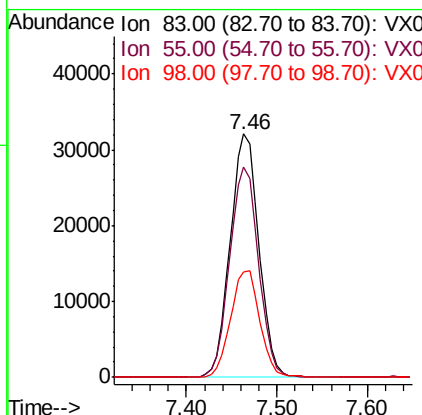
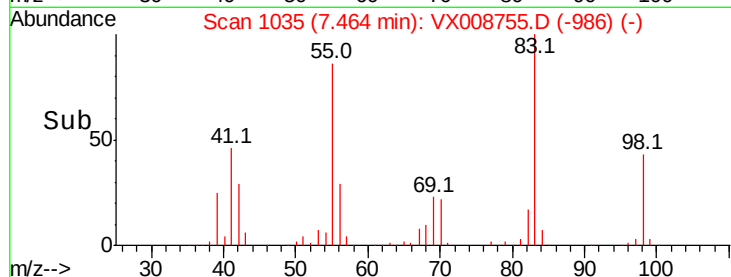
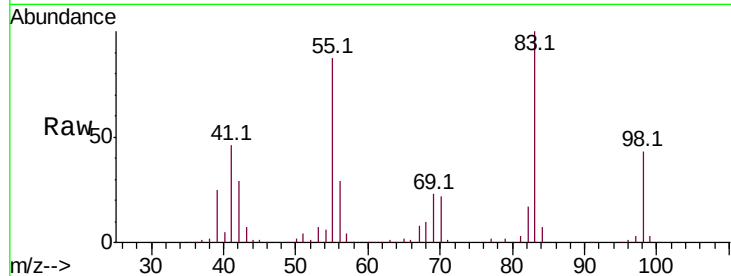
#39  
Methylvlcyclohexane  
Concen: 17.333 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0408MBSD01

| Tot Ion   | 83   | Resp  | 70717 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 55        | 86.6 | 69.0  | 103.6 |
| 98        | 43.3 | 34.4  | 51.6  |

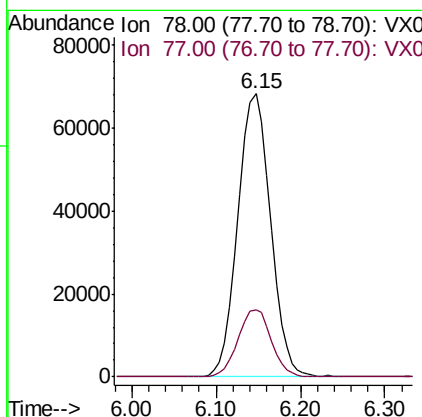
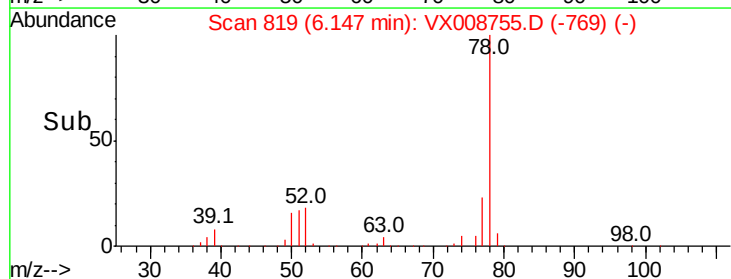
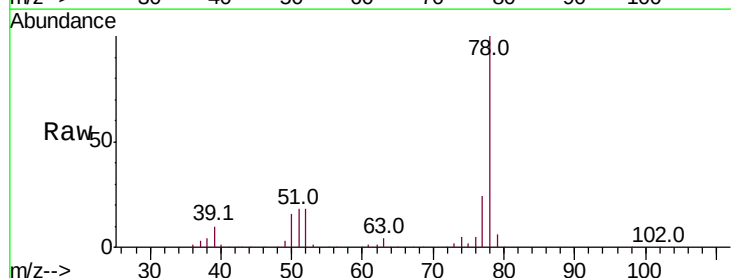
Manual Integrations  
APPROVED

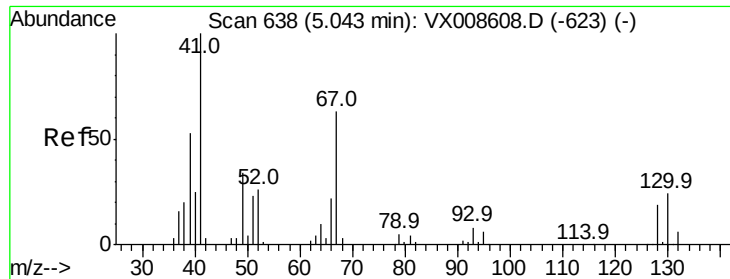
MMDadoda  
4/9/2019 1:50:38 PM



#40  
Benzene  
Concen: 18.307 ug/l  
RT: 6.15 min Scan# 819  
Delta R.T. 0.01 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

| Tgt Ion   | 78   | Resp  | 180120 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 77        | 23.8 | 19.1  | 28.7   |





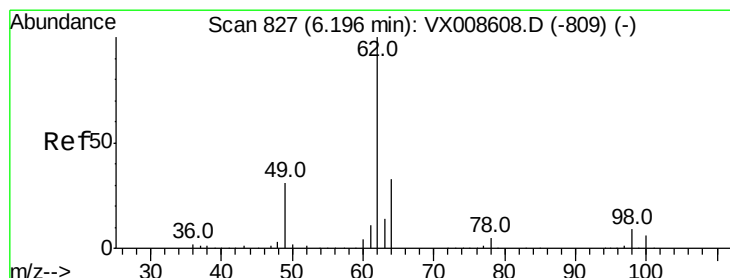
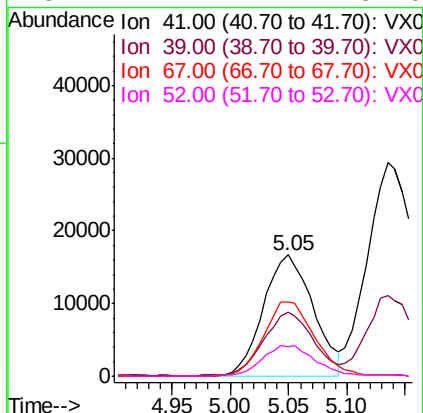
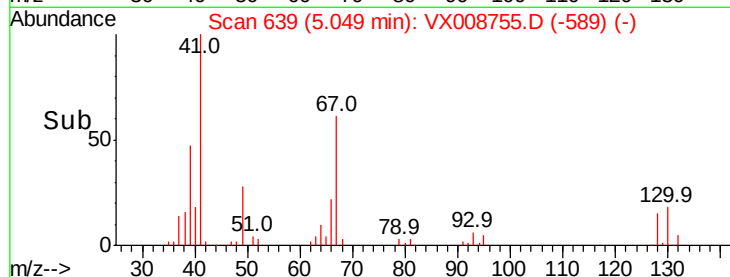
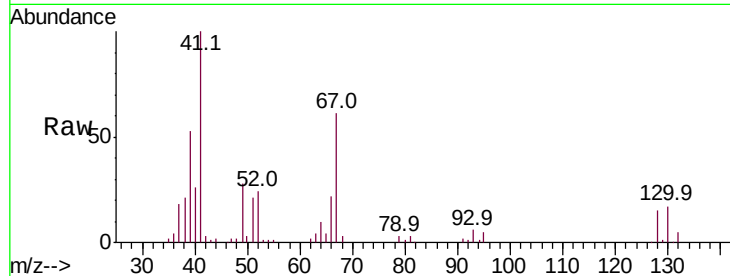
#41  
Methacrylonitrile  
Concen: 19.704 ug/l  
RT: 5.05 min Scan# 639  
Delta R.T. 0.01 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0408MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 49929 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.1  | 42.1  | 63.1  |
| 67       | 62.7  | 51.0  | 76.6  |
| 52       | 27.2  | 21.4  | 32.0  |

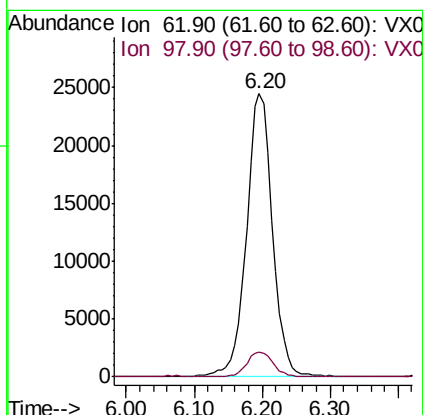
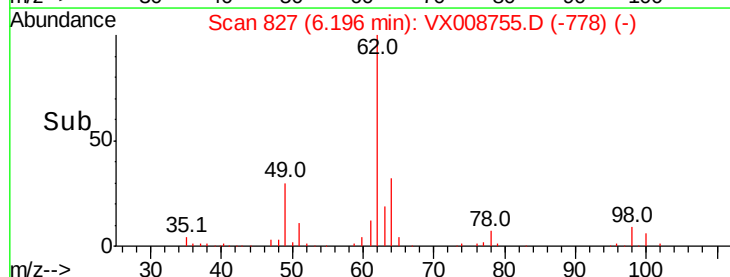
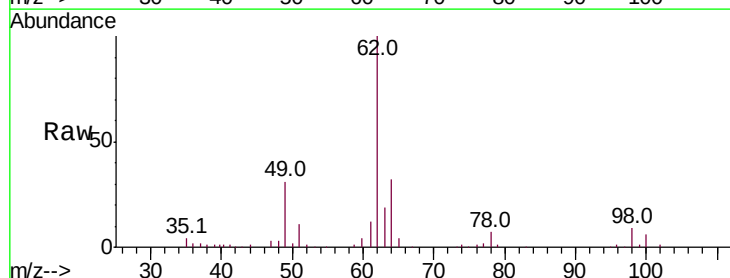
Manual Integrations  
APPROVED

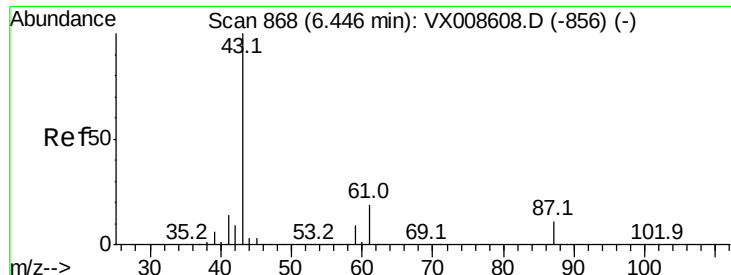
MMDadoda  
4/9/2019 1:50:38 PM



#42  
1,2-Dichloroethane  
Concen: 18.501 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 65258 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.9   | 0.0   | 18.0  |





#43

Isopropyl Acetate

Concen: 19.507 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

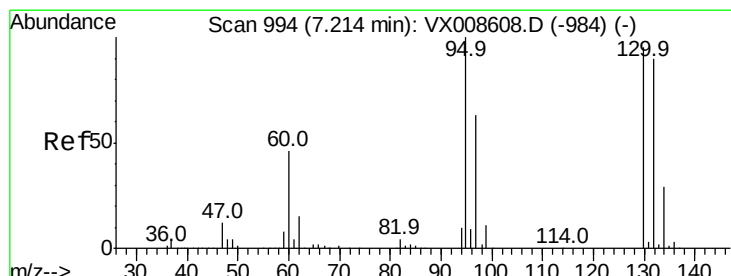
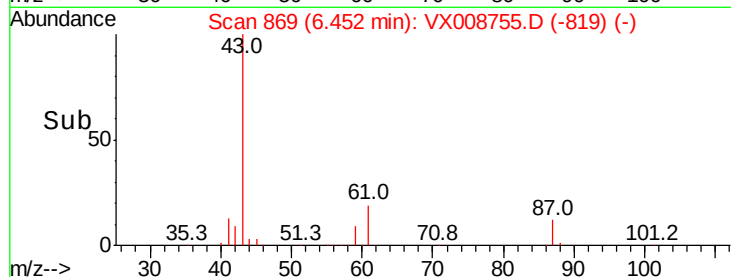
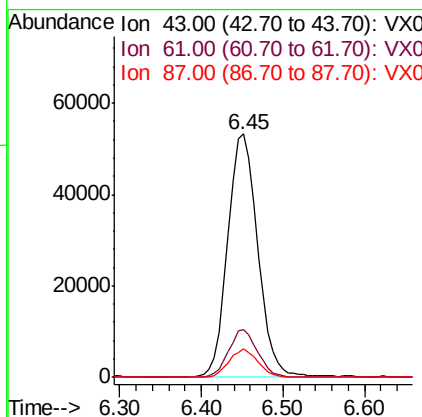
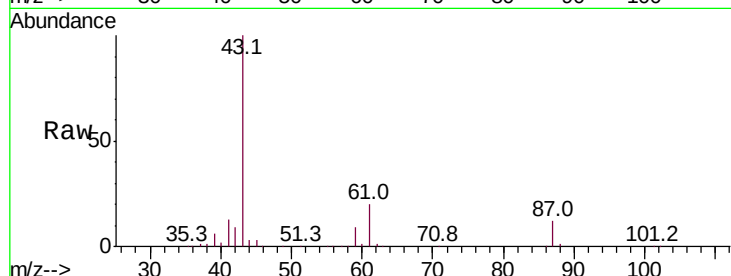
ClientSampleId :

VX0408MBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 134713 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 19.2  | 15.3  | 22.9   |
| 87       | 11.2  | 9.0   | 13.6   |

Manual Integrations  
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4/9/2019 1:50:38 PM



#44

Trichloroethene

Concen: 17.784 ug/l

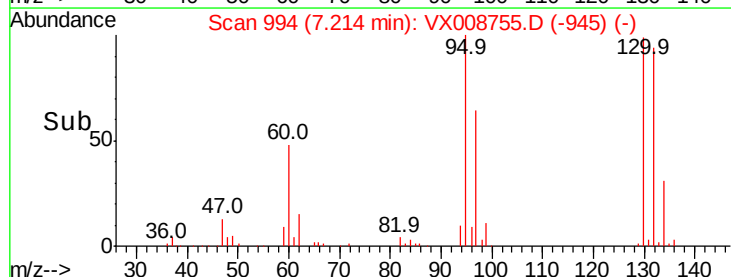
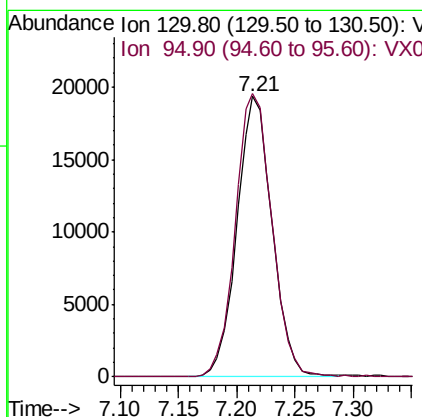
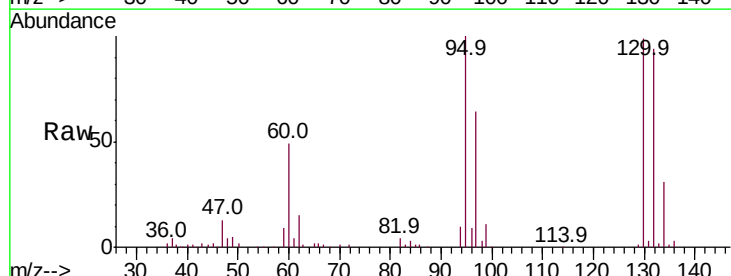
RT: 7.21 min Scan# 994

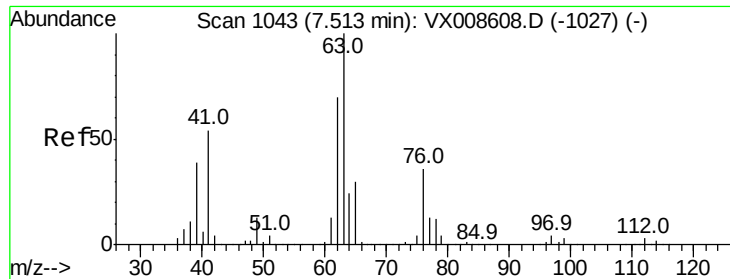
Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 40754 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 100.8 | 0.0   | 209.8 |





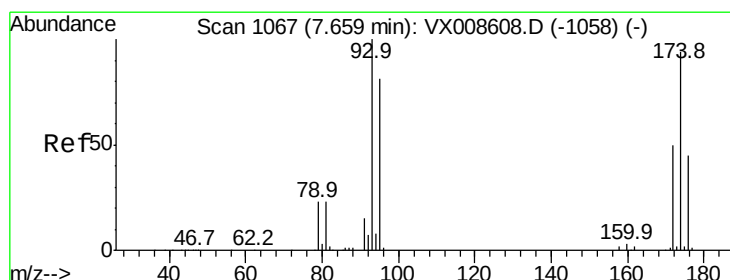
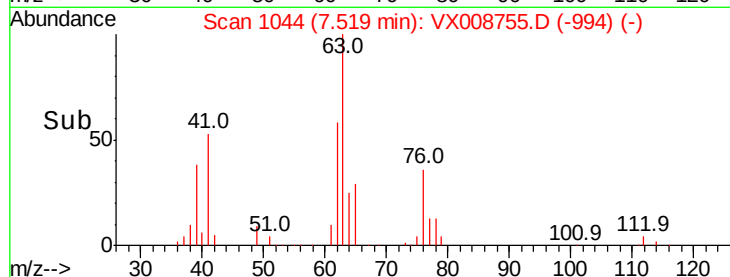
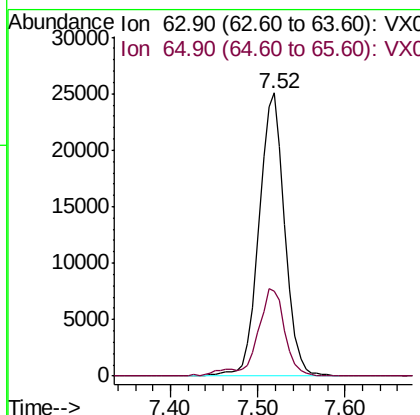
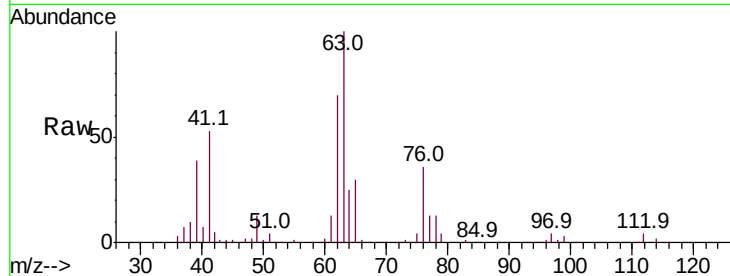
#45  
 1,2-Dichloropropane  
 Concen: 18.251 ug/l  
 RT: 7.52 min Scan# 1044  
 Delta R.T. 0.01 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0408MBSD01

Tot Ion: 63 Resp: 51254  
 Ion Ratio Lower Upper  
 63 100  
 65 30.0 24.2 36.4

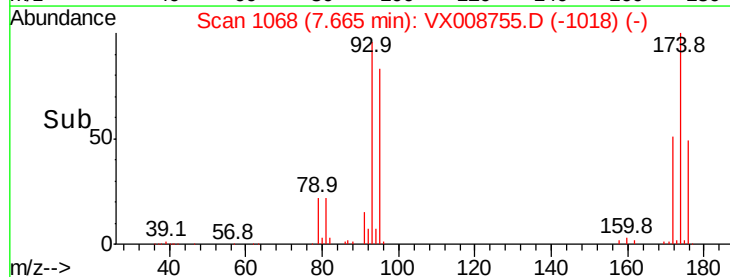
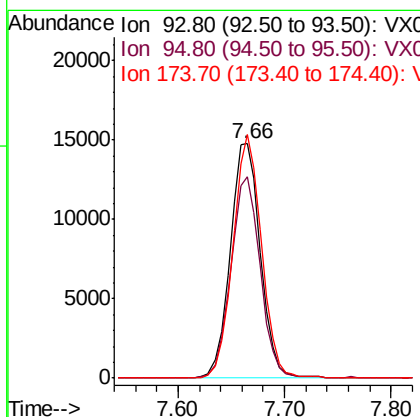
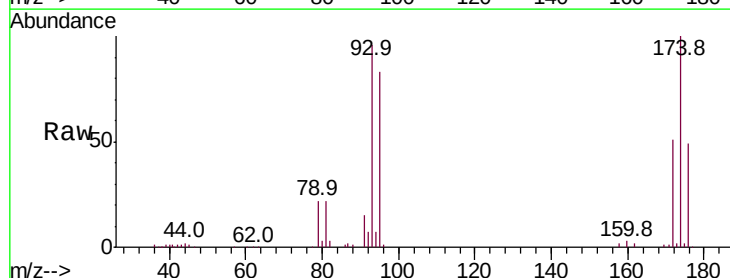
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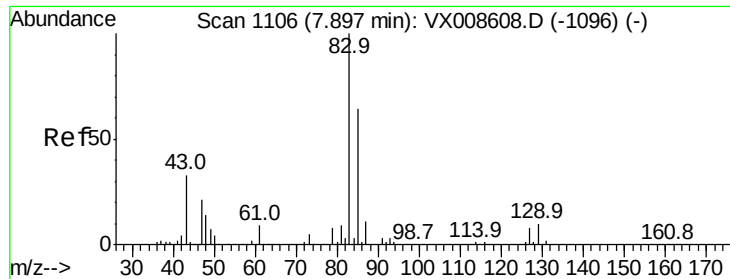
MMDadoda  
 4/9/2019 1:50:38 PM



#46  
 Dibromomethane  
 Concen: 17.972 ug/l  
 RT: 7.66 min Scan# 1068  
 Delta R.T. 0.01 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

Tgt Ion: 93 Resp: 29273  
 Ion Ratio Lower Upper  
 93 100  
 95 83.7 66.6 99.8  
 174 98.4 77.7 116.5





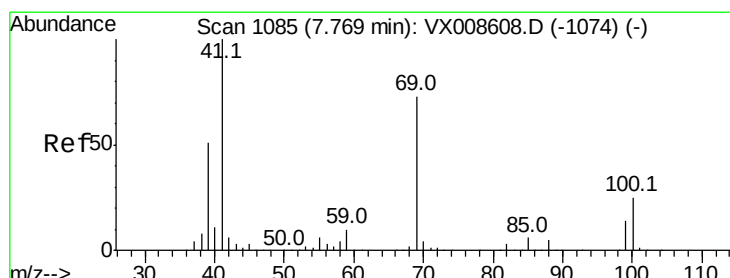
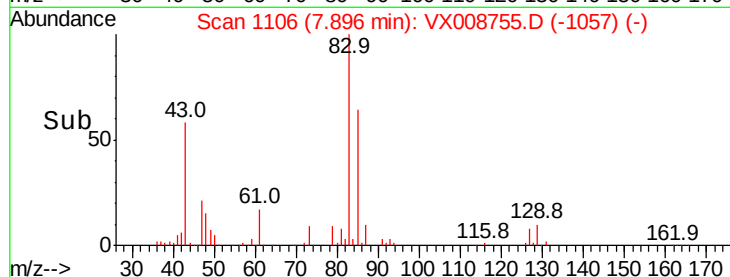
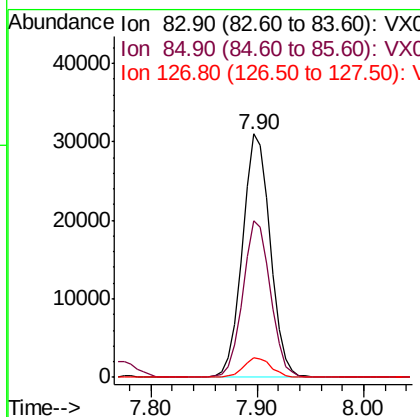
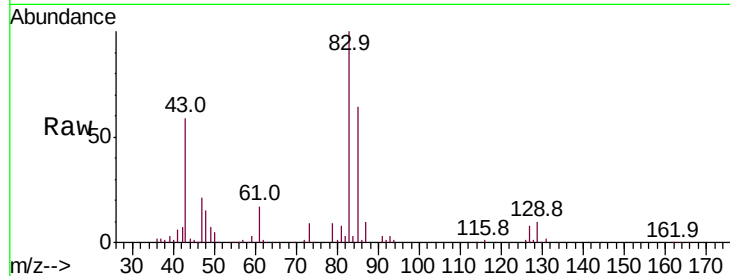
#47  
 Bromodichloromethane  
 Concen: 18.519 ug/l  
 RT: 7.90 min Scan# 1106  
 Delta R.T. -0.00 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0408MBSD01

| Tot Ion   | 83   | Resp  | 56874 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 64.1 | 51.2  | 76.8  |
| 127       | 8.3  | 6.6   | 10.0  |

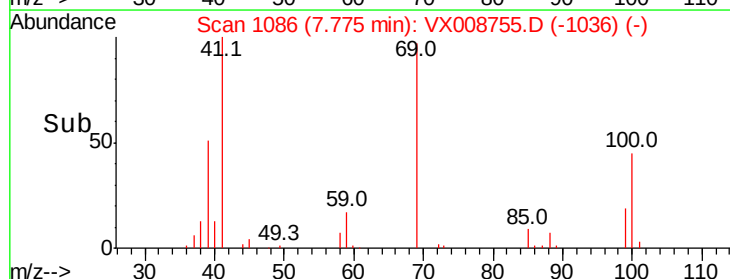
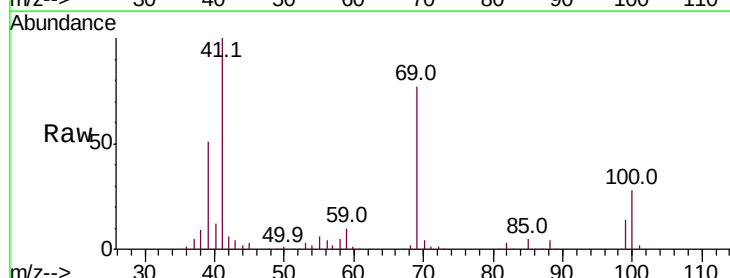
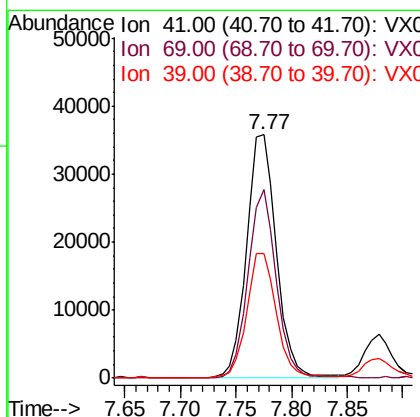
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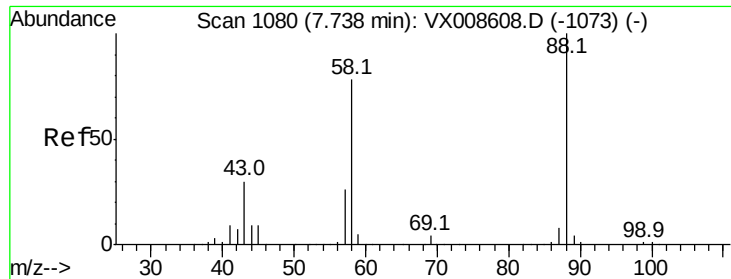
MMDadoda  
 4/9/2019 1:50:38 PM



#48  
 Methyl methacrylate  
 Concen: 19.233 ug/l  
 RT: 7.77 min Scan# 1086  
 Delta R.T. 0.01 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

| Tgt Ion   | 41   | Resp  | 67187 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 73.6 | 59.0  | 88.4  |
| 39        | 50.2 | 41.0  | 61.4  |





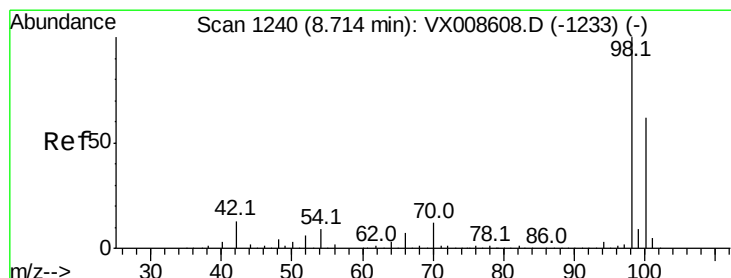
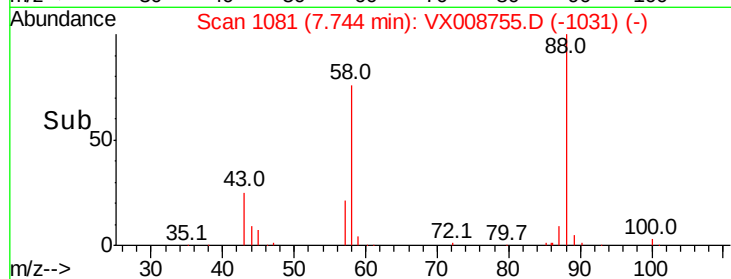
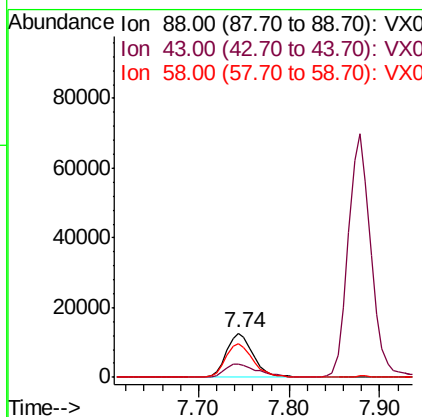
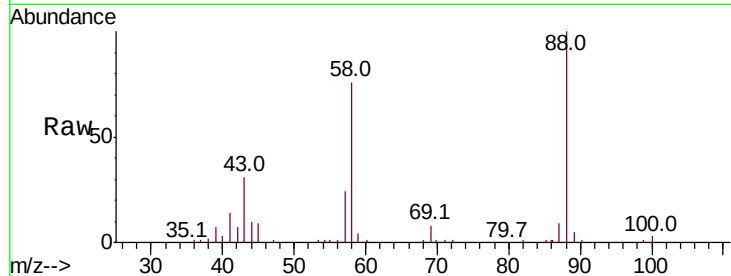
#49  
1,4-Dioxane  
Concen: 397.013 ug/l  
RT: 7.74 min Scan# 1081  
Delta R.T. 0.01 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0408MBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 35.3  | 28.6  | 43.0  |
| 58      | 78.4  | 62.2  | 93.2  |

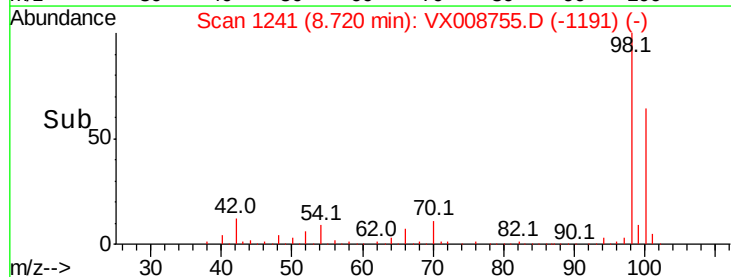
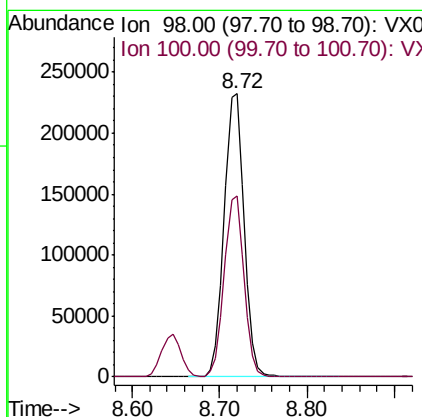
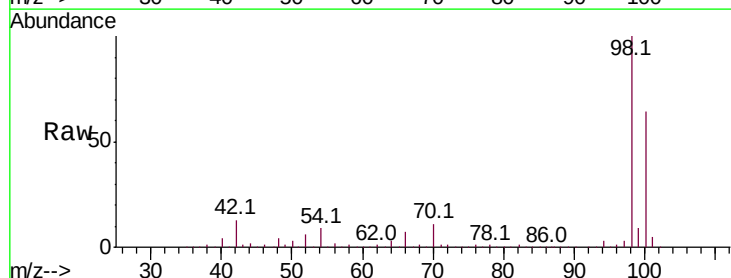
Manual Integrations  
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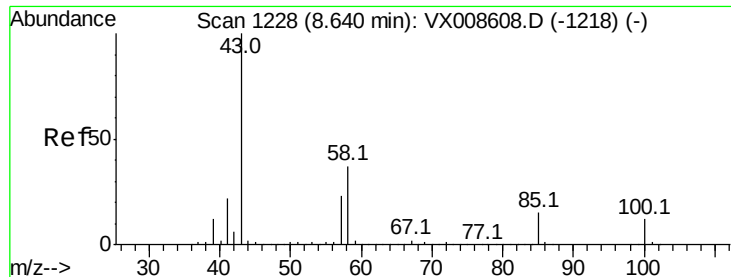
MMDadoda  
4/9/2019 1:50:38 PM



#50  
Toluene-d8  
Concen: 47.700 ug/l  
RT: 8.72 min Scan# 1241  
Delta R.T. 0.01 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.6  | 51.4  | 77.0  |





#51

4-Methyl-2-Pentanone

Concen: 101.190 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion: 43 Resp: 449839

Ion Ratio Lower Upper

43 100

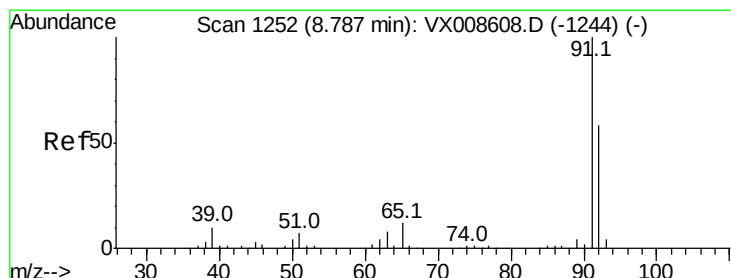
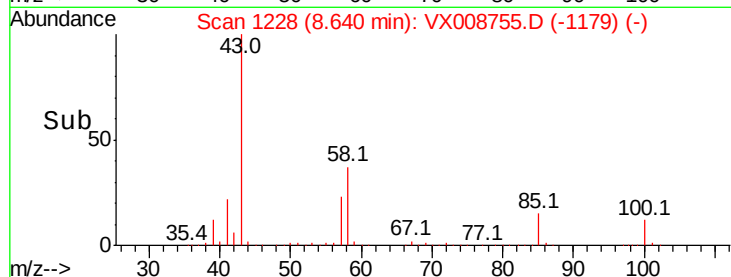
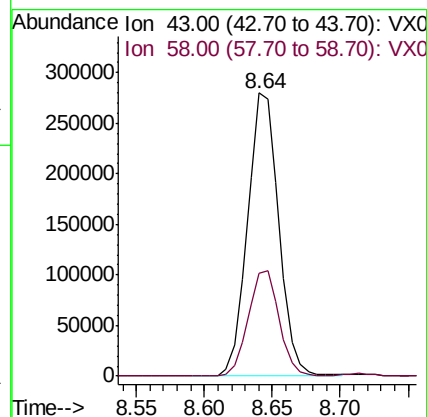
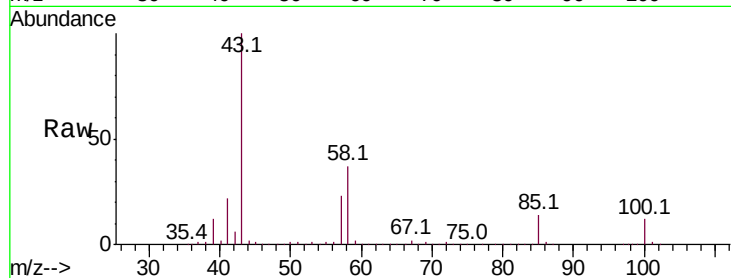
58 37.0 29.5 44.3

Manual Integrations

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4/9/2019 1:50:38 PM



#52

Toluene

Concen: 18.090 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008755.D

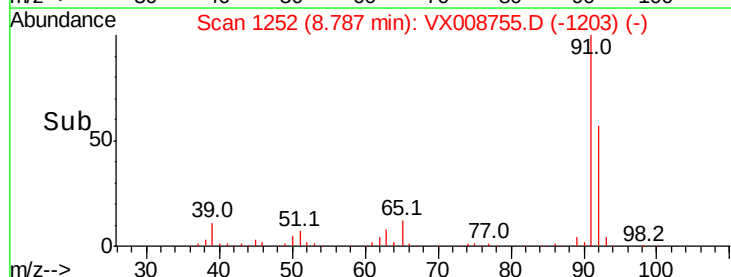
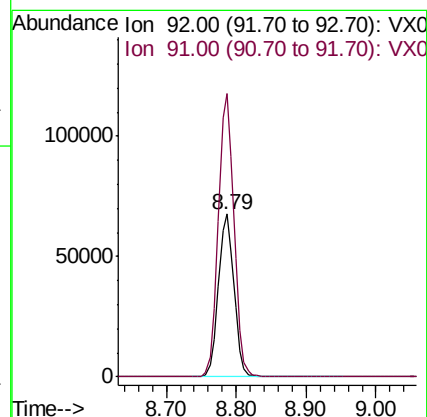
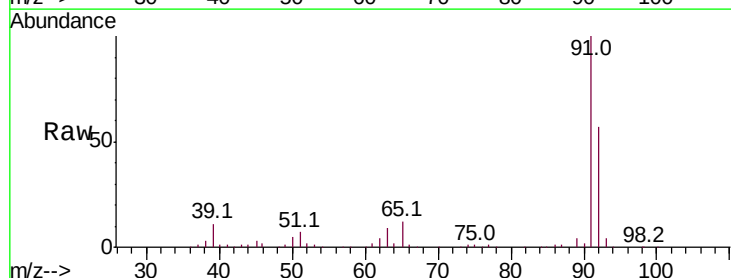
Acq: 08 Apr 2019 19:09

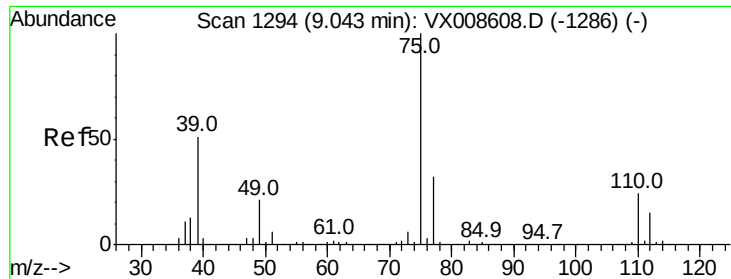
Tgt Ion: 92 Resp: 104933

Ion Ratio Lower Upper

92 100

91 174.9 138.5 207.7





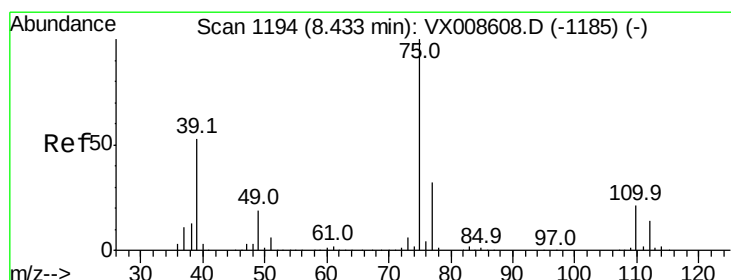
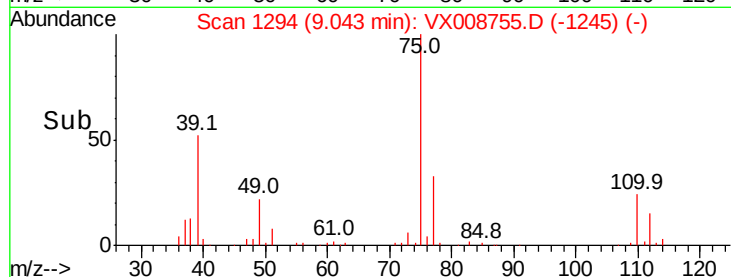
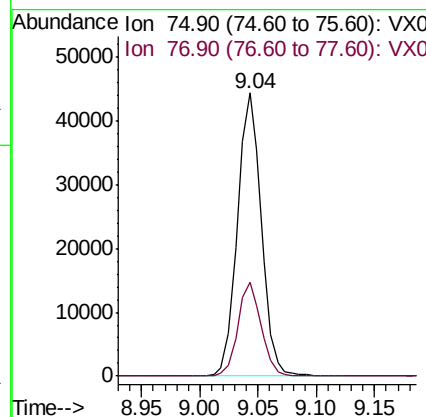
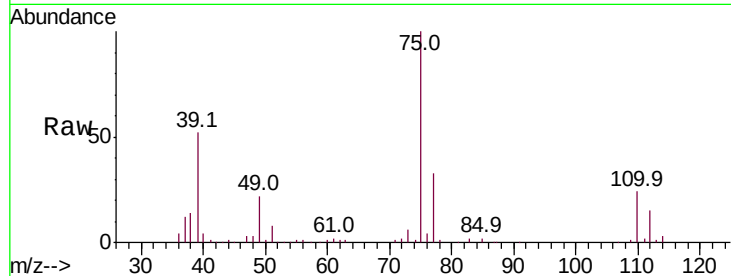
#53  
 t-1,3-Dichloropropene  
 Concen: 18.505 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0408MBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.1  | 25.2  | 37.8  |

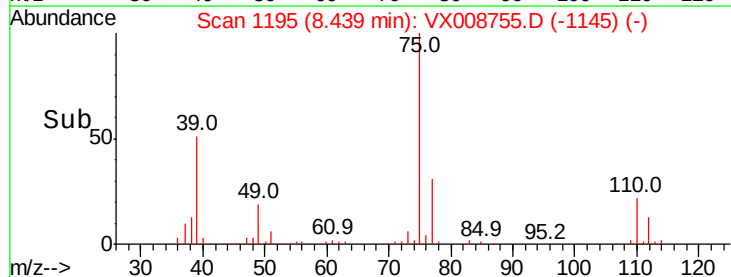
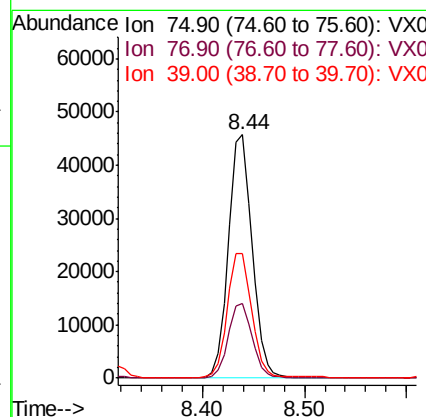
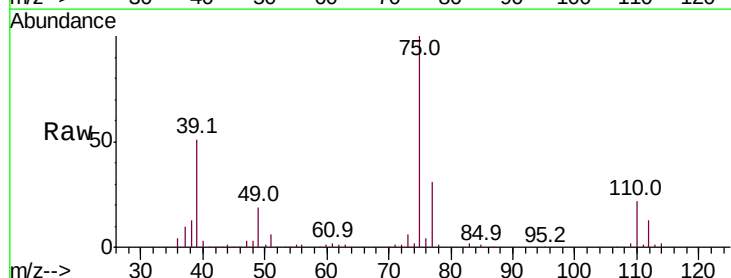
Manual Integrations  
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 4/9/2019 1:50:38 PM

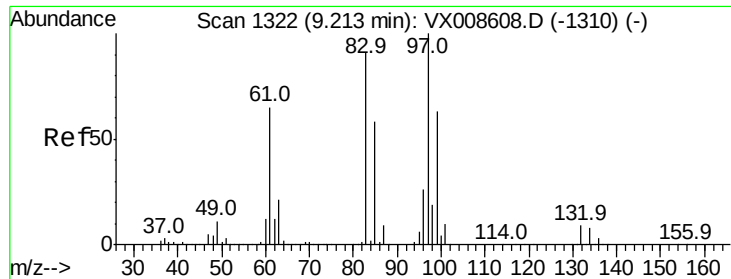


#54  
 cis-1,3-Dichloropropene  
 Concen: 18.762 ug/l  
 RT: 8.44 min Scan# 1195  
 Delta R.T. 0.01 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.7  | 25.3  | 37.9  |
| 39      | 51.0  | 42.6  | 63.8  |







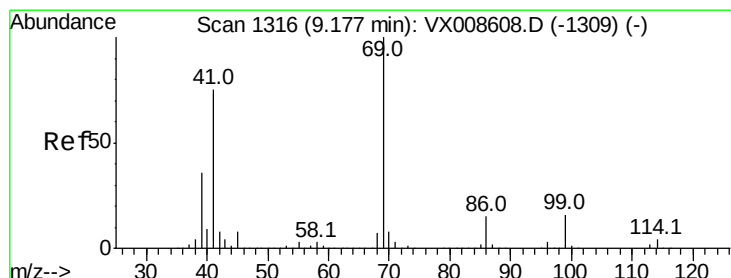
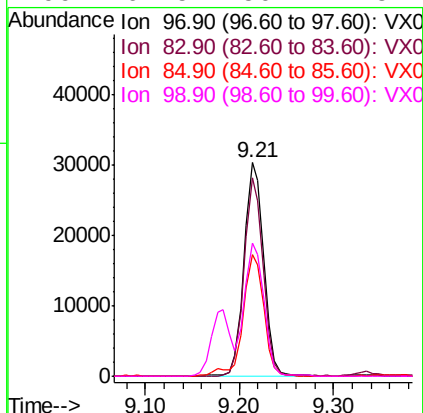
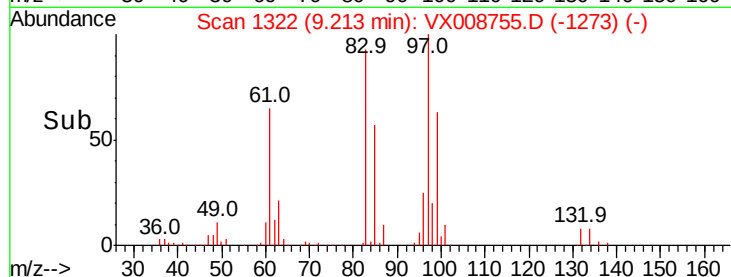
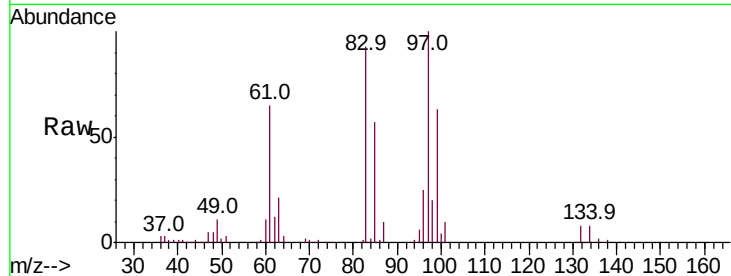
#55  
 1,1,2-Trichloroethane  
 Concen: 18.979 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0408MBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 44190 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 92.6  | 73.2  | 109.8 |
| 85       | 56.9  | 46.6  | 69.8  |
| 99       | 62.5  | 50.1  | 75.1  |

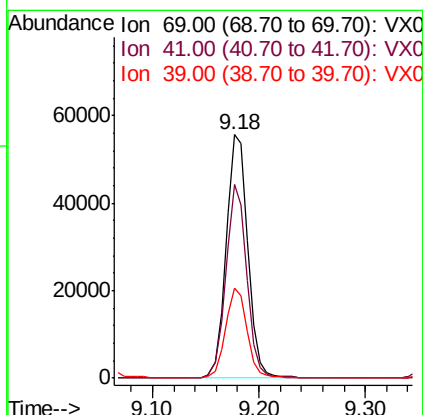
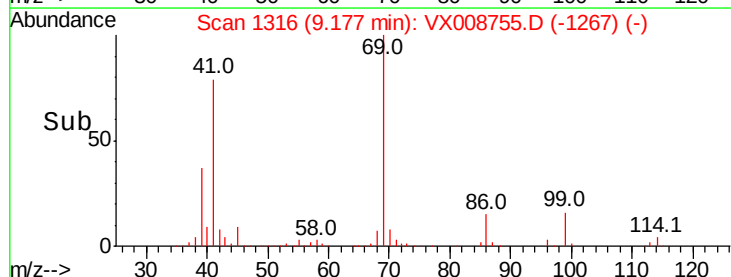
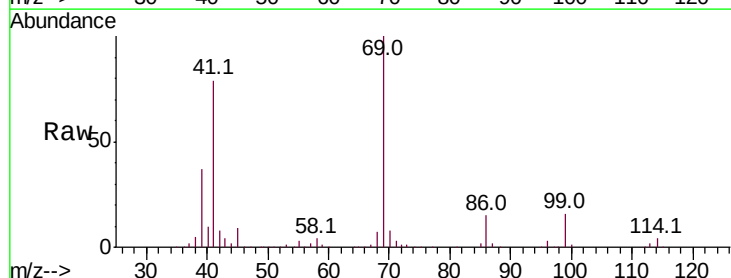
Manual Integrations  
 APPROVED

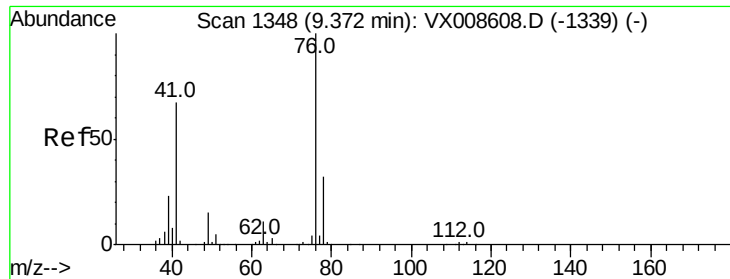
MMDadoda  
 4/9/2019 1:50:38 PM



#56  
 Ethyl methacrylate  
 Concen: 18.897 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 79611 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 76.0  | 60.1  | 90.1  |
| 39       | 36.3  | 28.9  | 43.3  |





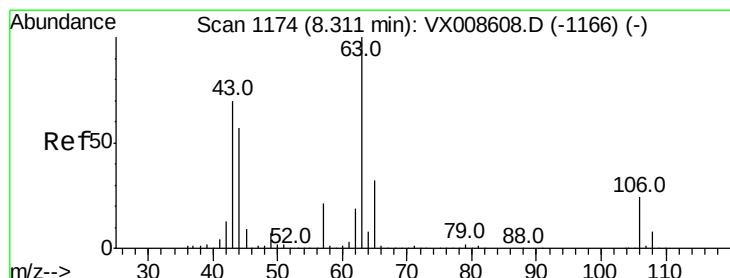
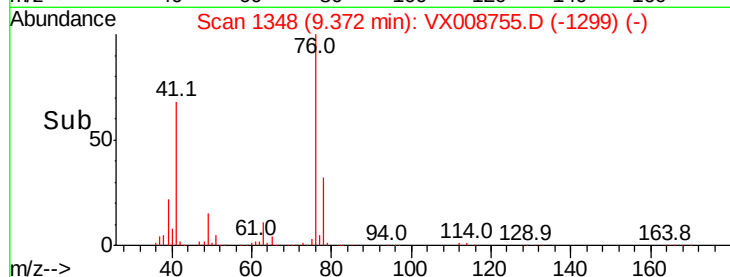
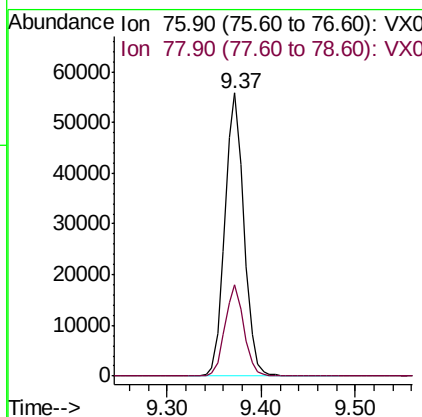
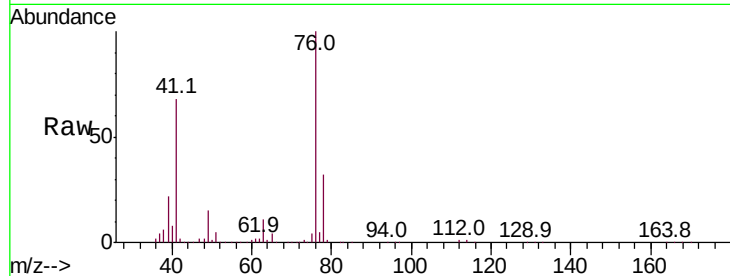
#57  
 1,3-Dichloropropane  
 Concen: 18.757 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0408MBSD01

Tot Ion: 76 Resp: 78425  
 Ion Ratio Lower Upper  
 76 100  
 78 31.9 25.6 38.4

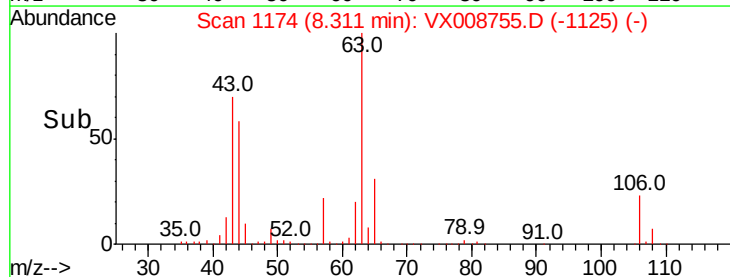
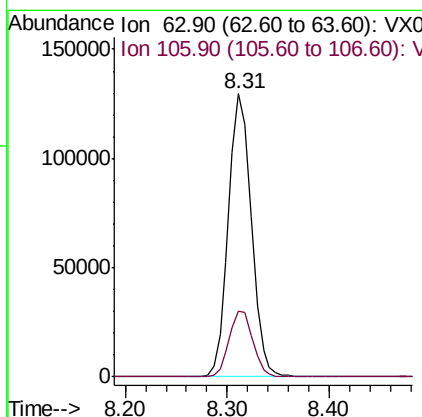
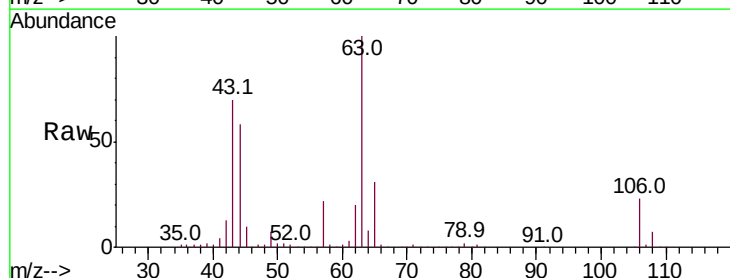
Manual Integrations  
 APPROVED

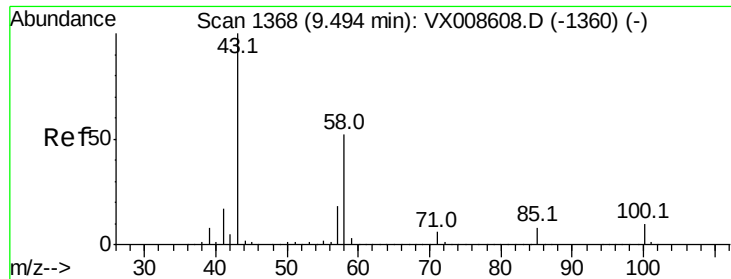
MMDadoda  
 4/9/2019 1:50:38 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 94.084 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

Tgt Ion: 63 Resp: 202389  
 Ion Ratio Lower Upper  
 63 100  
 106 24.0 19.0 28.6





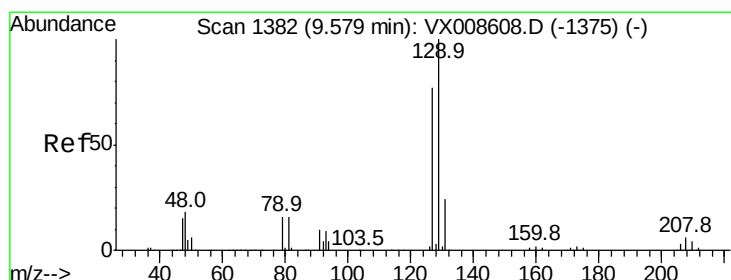
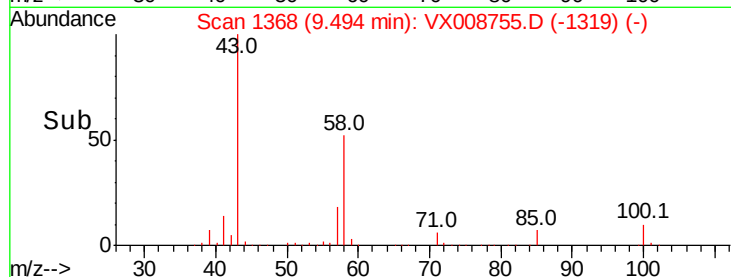
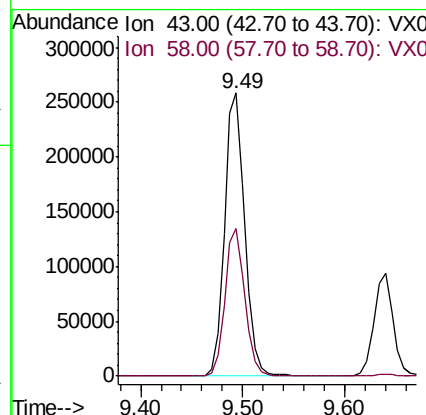
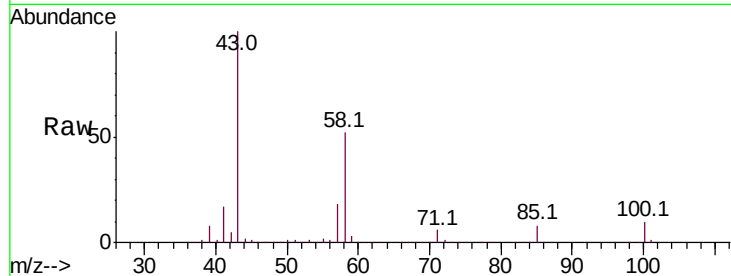
#59  
2-Hexanone  
Concen: 102.777 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0408MBSD01

Tot Ion: 43 Resp: 355072  
Ion Ratio Lower Upper  
43 100  
58 51.7 25.9 77.7

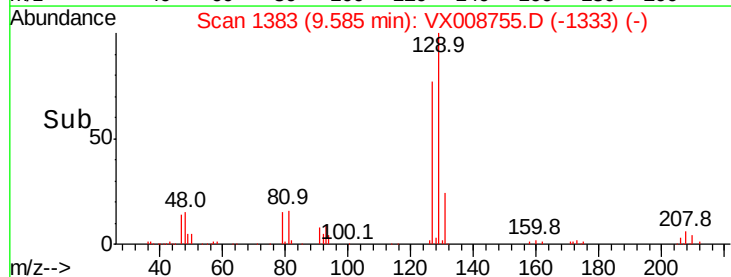
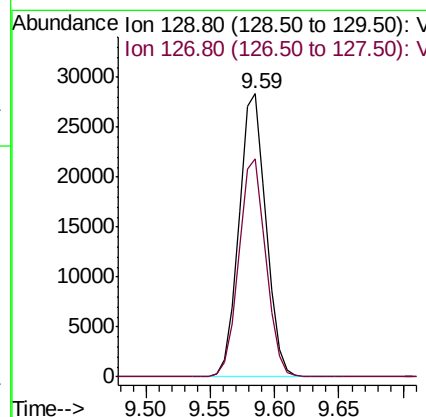
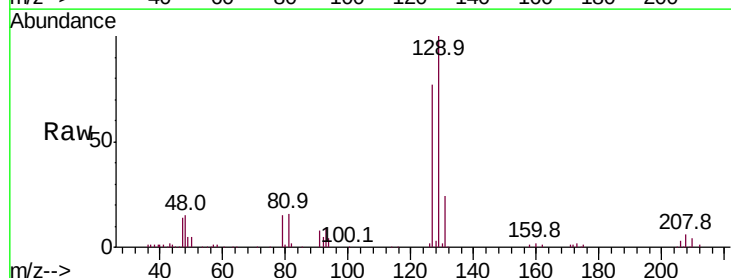
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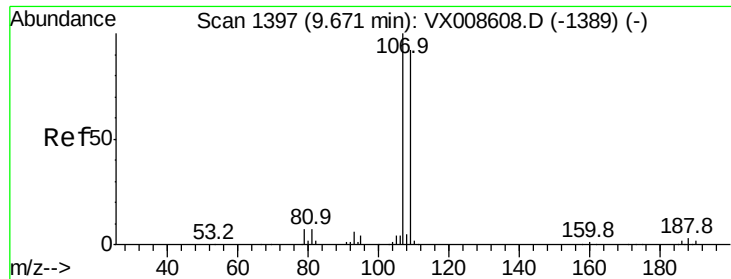
MMDadoda  
4/9/2019 1:50:38 PM



#60  
Dibromochloromethane  
Concen: 18.898 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. 0.01 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Tgt Ion: 129 Resp: 41464  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.823 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion:107 Resp: 45626

Ion Ratio Lower Upper

107 100

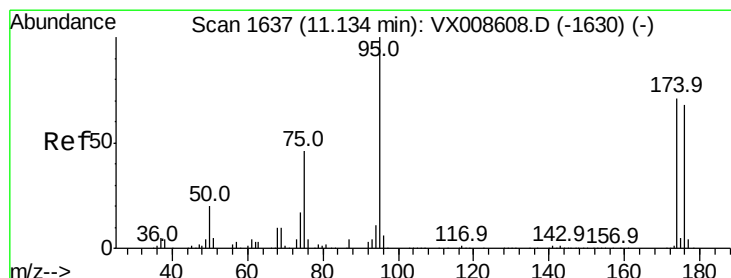
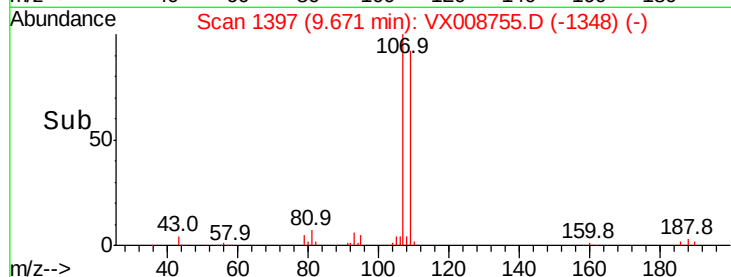
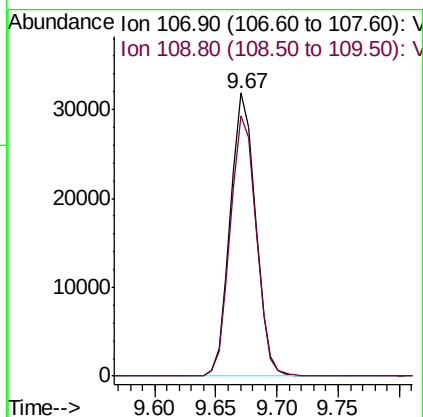
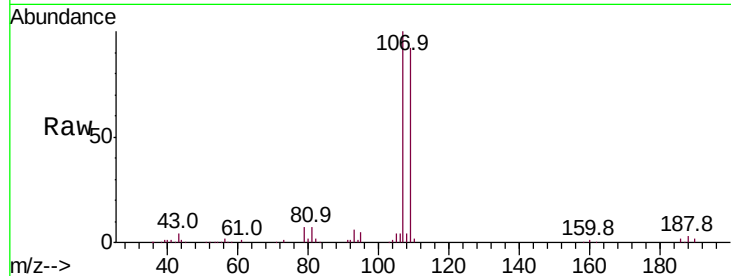
109 94.0 74.1 111.1

Manual Integrations

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4/9/2019 1:50:38 PM



#62

4-Bromofluorobenzene

Concen: 47.327 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

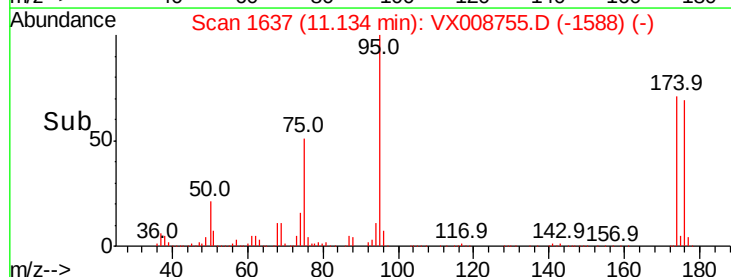
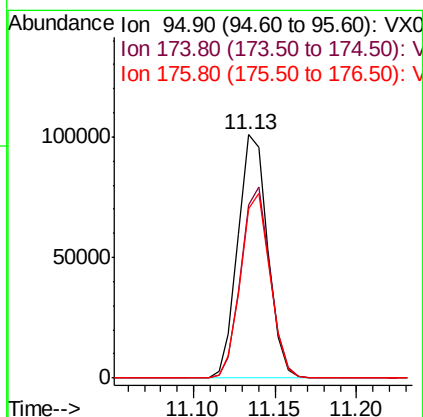
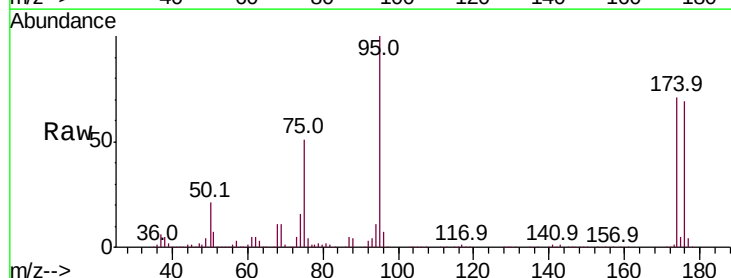
Tgt Ion: 95 Resp: 129089

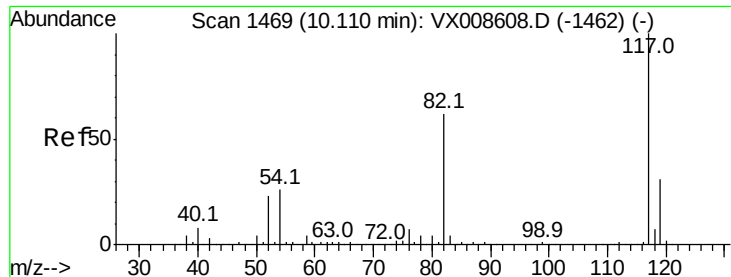
Ion Ratio Lower Upper

95 100

174 77.3 0.0 151.8

176 75.5 0.0 145.8





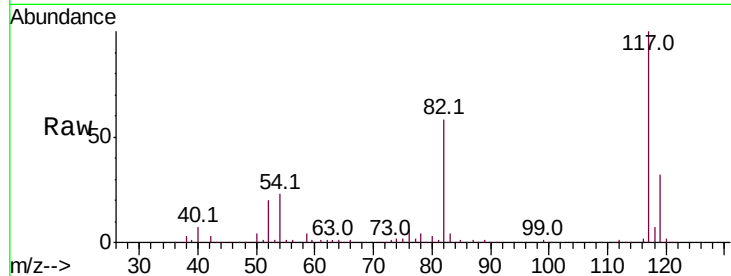
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0408MBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 58.5  | 49.6  | 74.4  |
| 119     | 31.9  | 25.0  | 37.4  |

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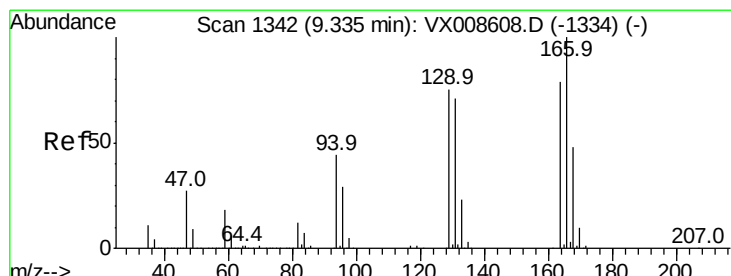
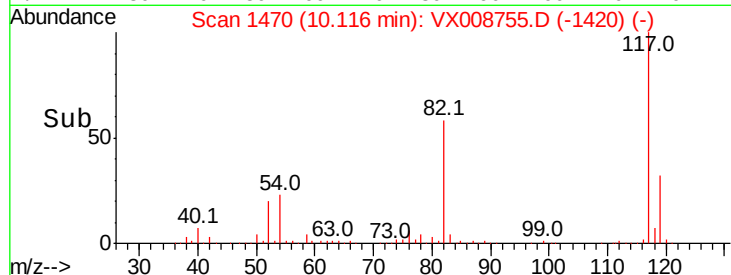
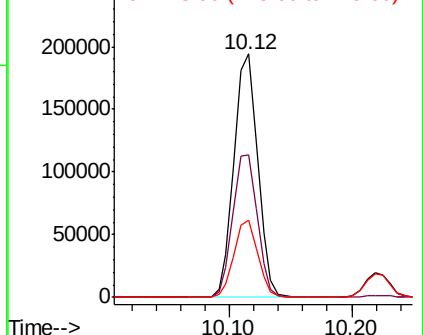


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 18.156 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.0 | 101.0 | 151.6 |
| 129     | 98.2  | 75.8  | 113.8 |
| 131     | 93.1  | 71.8  | 107.8 |

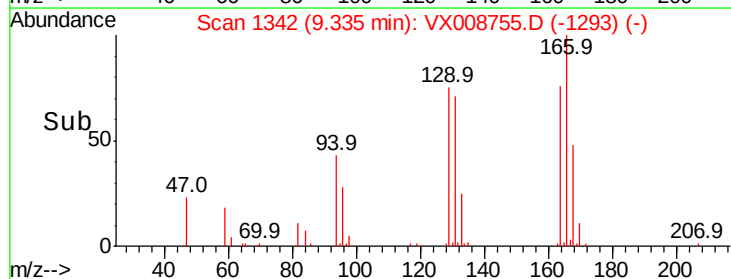
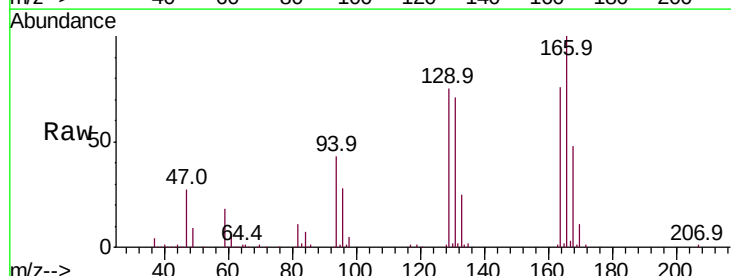
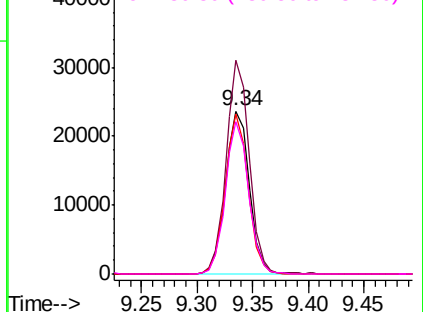
Abundance

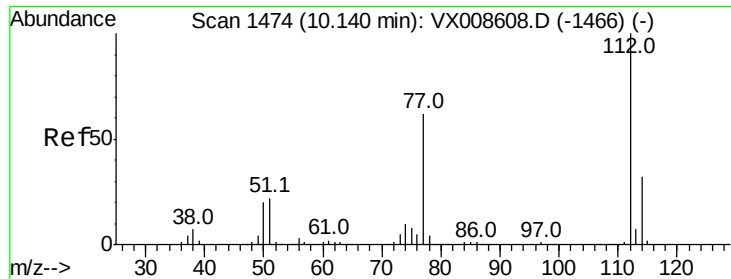
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





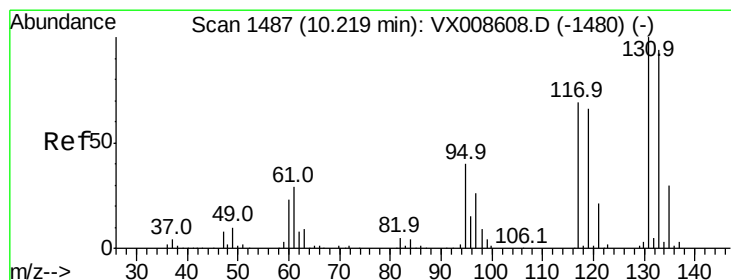
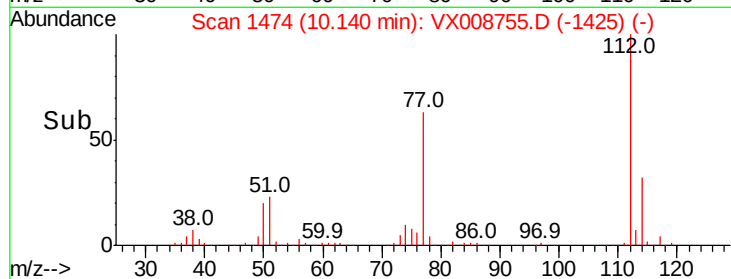
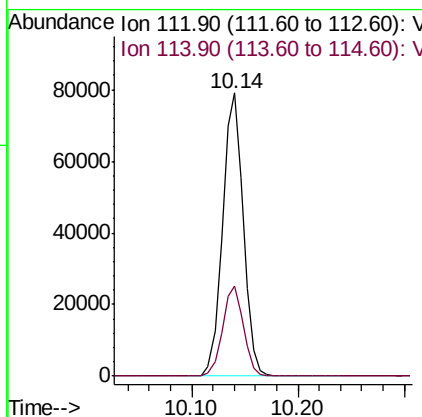
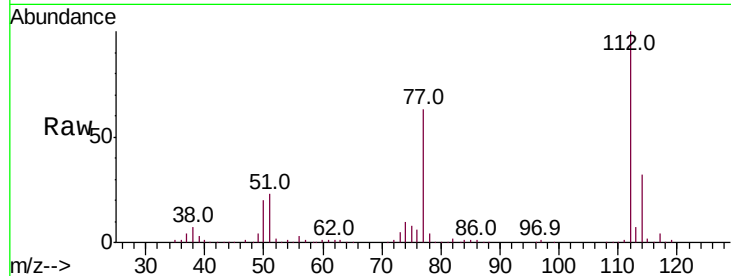
#65  
Chlorobenzene  
Concen: 18.583 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0408MBSD01

Tot Ion:112 Resp: 107339  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.8 38.8

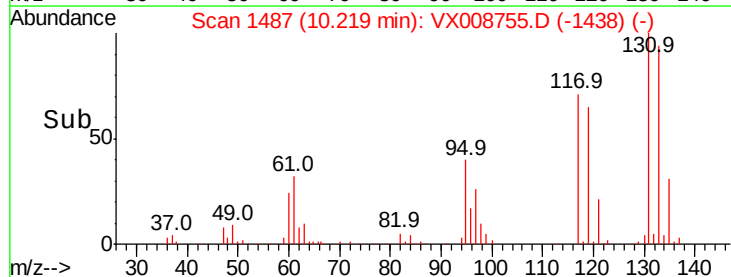
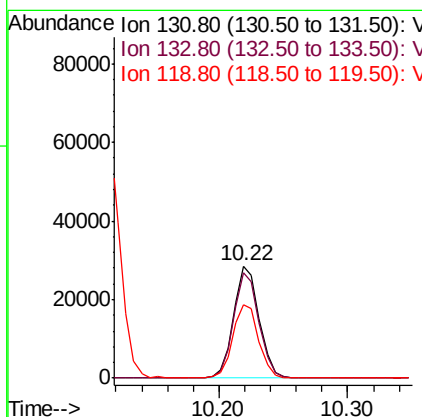
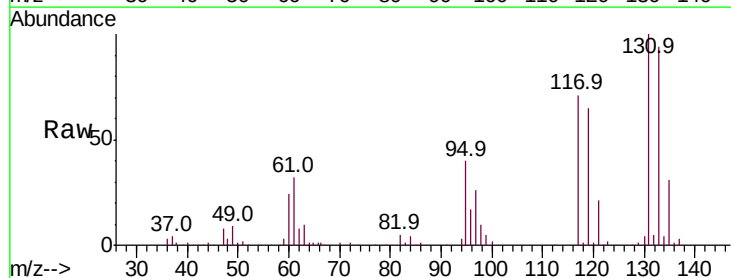
Manual Integrations  
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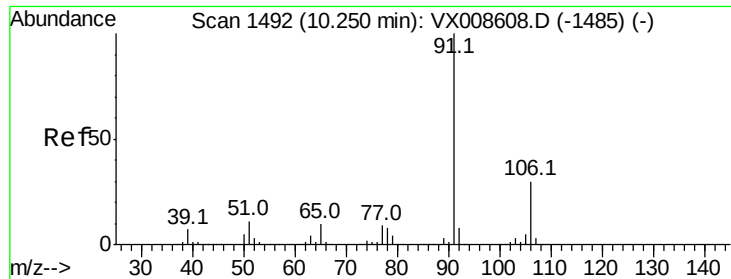
MMDadoda  
4/9/2019 1:50:38 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.318 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Tgt Ion:131 Resp: 39146  
Ion Ratio Lower Upper  
131 100  
133 93.8 47.0 141.2  
119 67.0 33.7 101.0





#67

Ethyl Benzene

Concen: 18.244 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion: 91 Resp: 196504

Ion Ratio Lower Upper

91 100

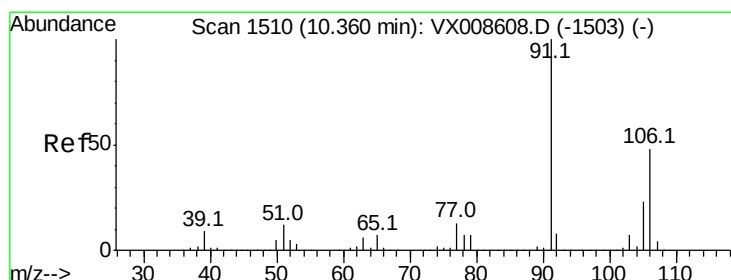
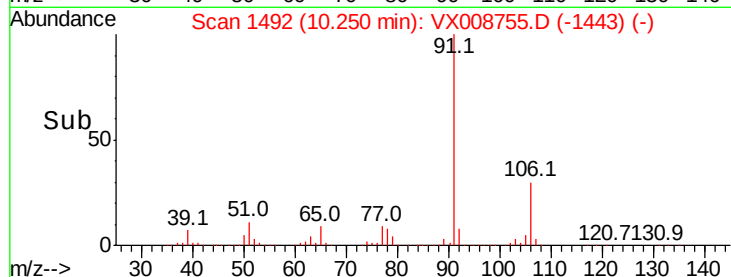
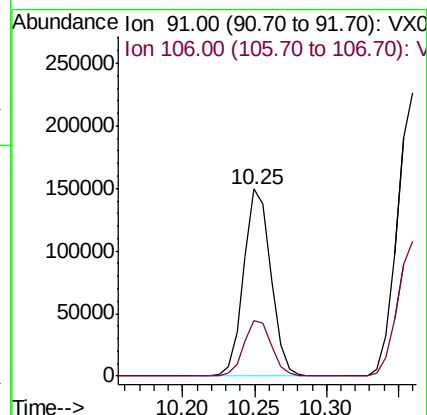
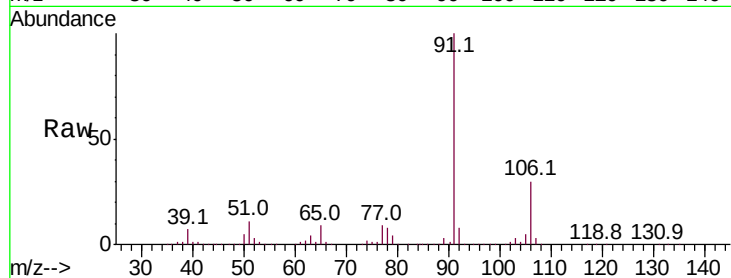
106 29.9 23.7 35.5

Manual Integrations

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4/9/2019 1:50:38 PM



#68

m/p-Xylenes

Concen: 36.631 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008755.D

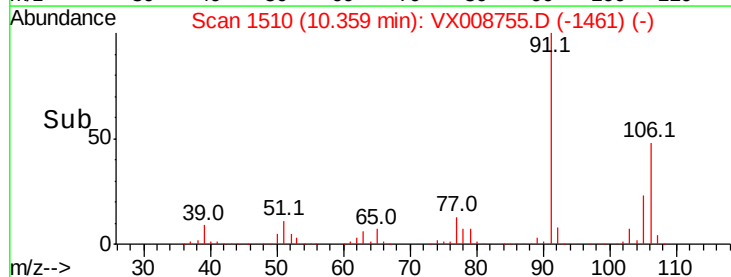
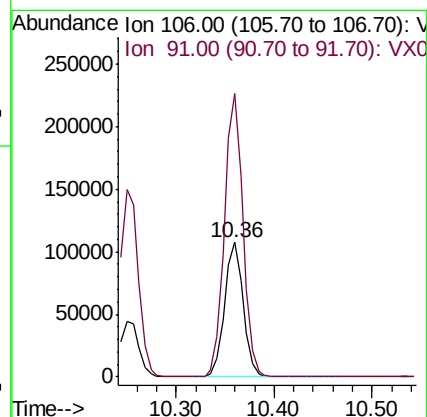
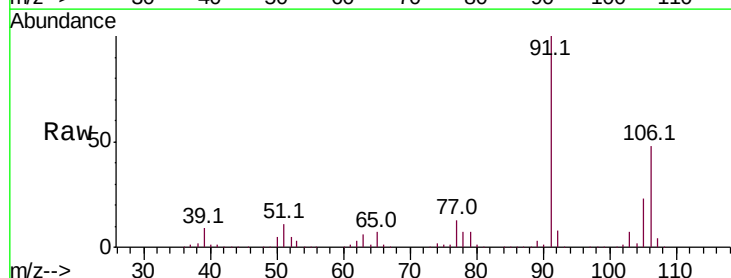
Acq: 08 Apr 2019 19:09

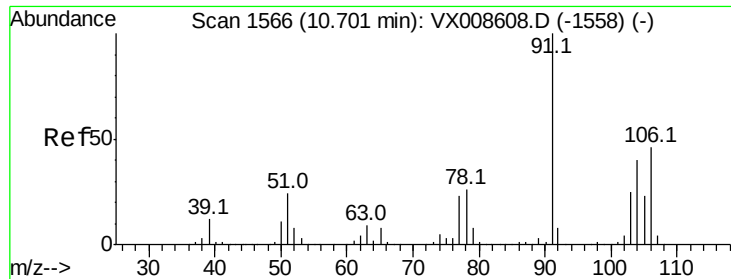
Tgt Ion: 106 Resp: 141857

Ion Ratio Lower Upper

106 100

91 209.1 168.5 252.7





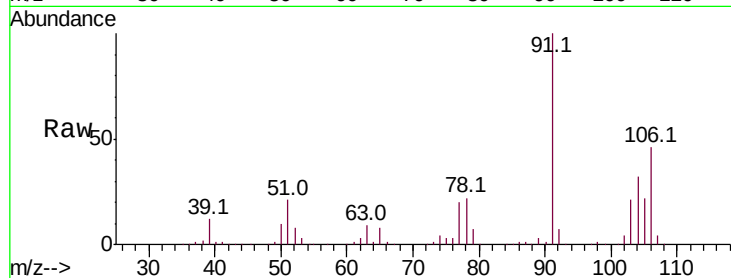
#69  
o-Xylene  
Concen: 18.428 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0408MBSD01

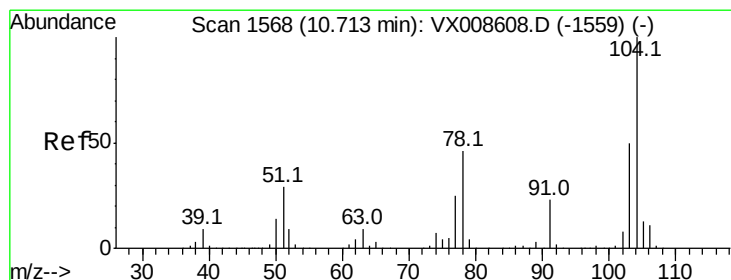
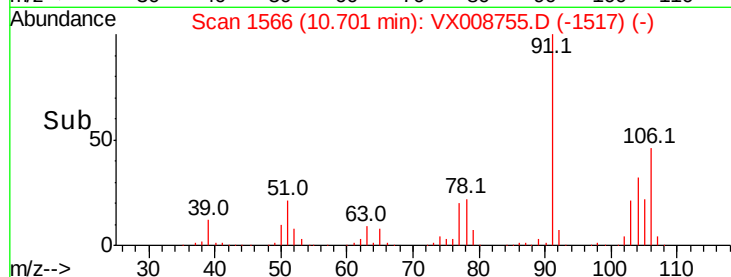
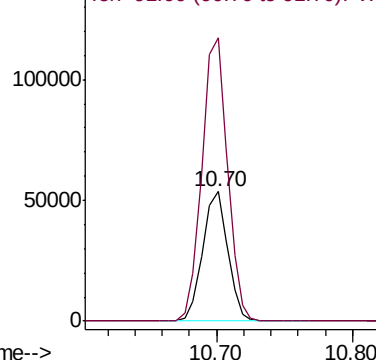
Tot Ion:106 Resp: 69161  
Ion Ratio Lower Upper  
106 100  
91 222.5 111.5 334.4

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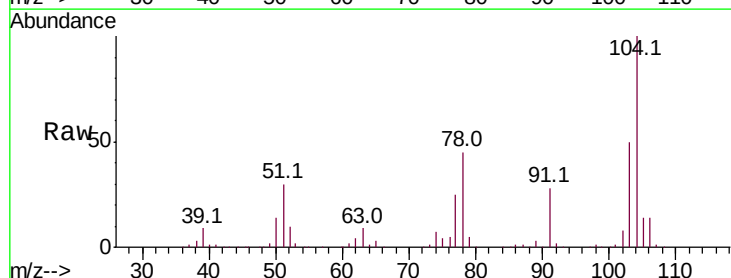


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

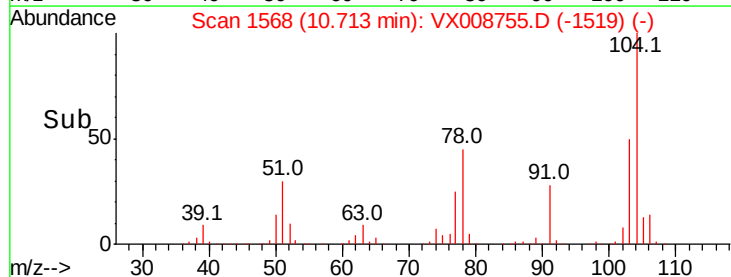
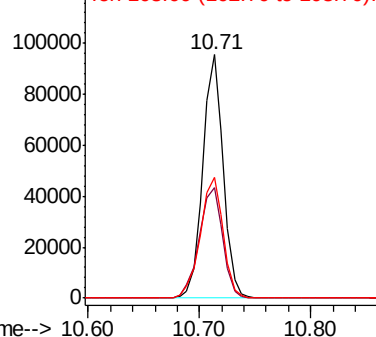


#70  
Styrene  
Concen: 18.710 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

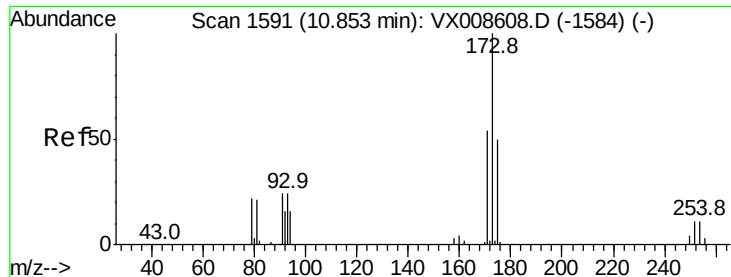
Tgt Ion:104 Resp: 121038  
Ion Ratio Lower Upper  
104 100  
78 52.3 42.3 63.5  
103 55.5 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V







#71

Bromoform

Concen: 19.154 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion:173 Resp: 29644

Ion Ratio Lower Upper

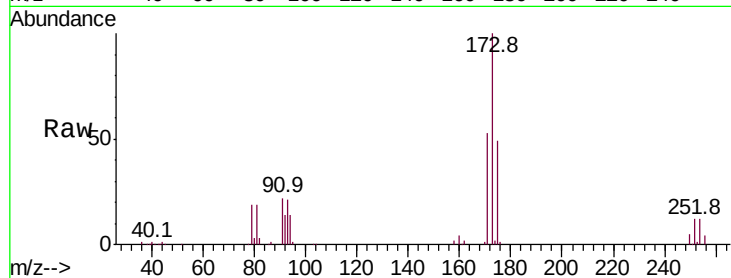
173 100

175 48.4 24.9 74.6

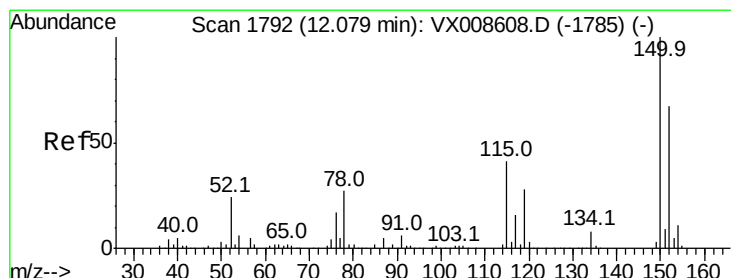
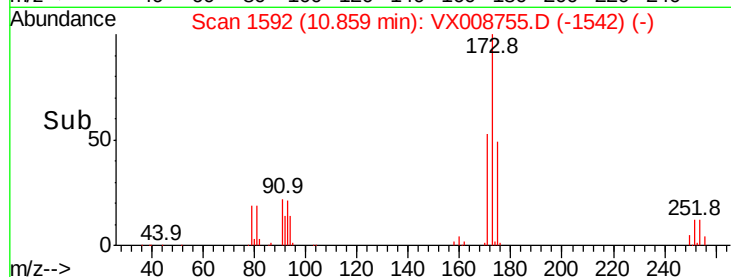
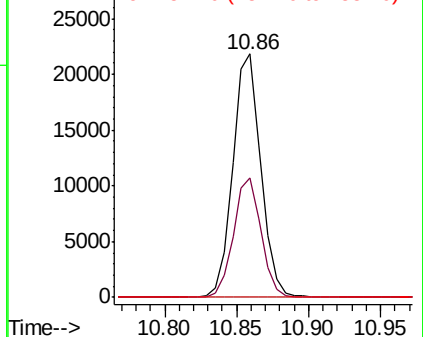
254 0.0 0.1 0.1#

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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: VX008755.D

Acq: 08 Apr 2019 19:09

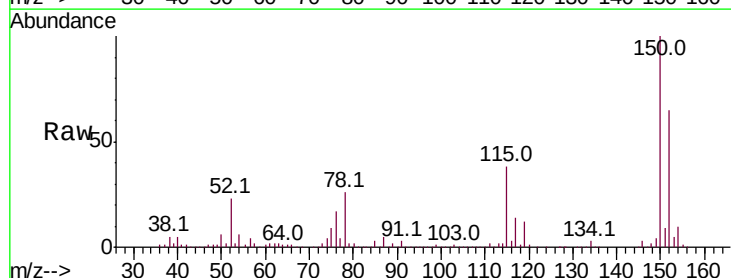
Tgt Ion:152 Resp: 119153

Ion Ratio Lower Upper

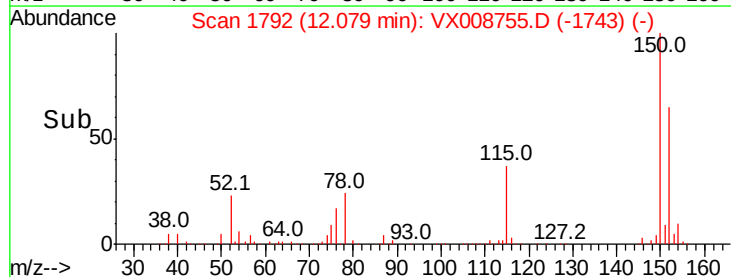
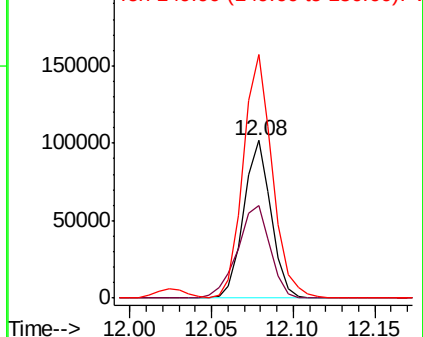
152 100

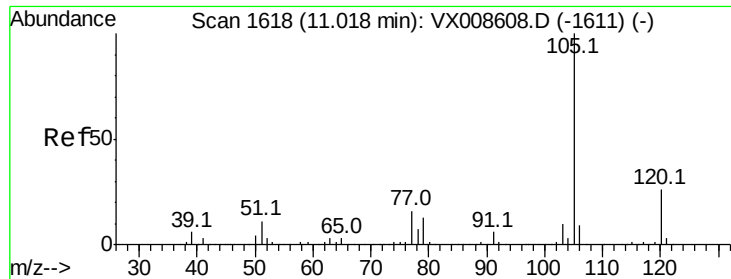
115 69.6 43.5 130.5

150 164.1 0.0 348.8



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





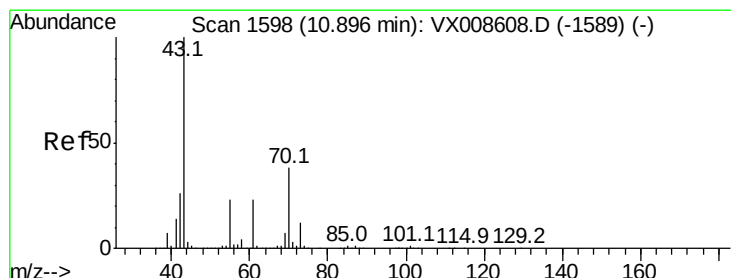
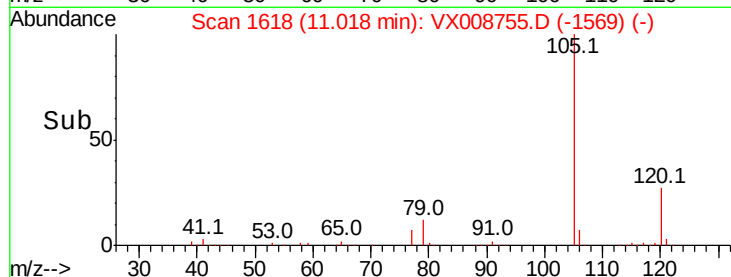
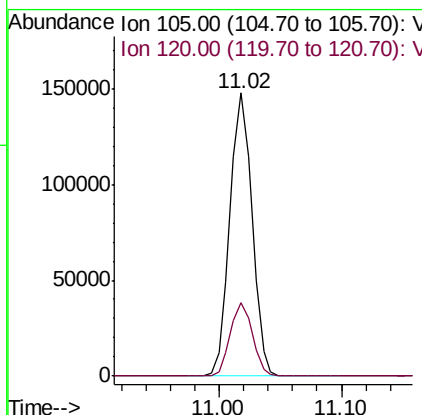
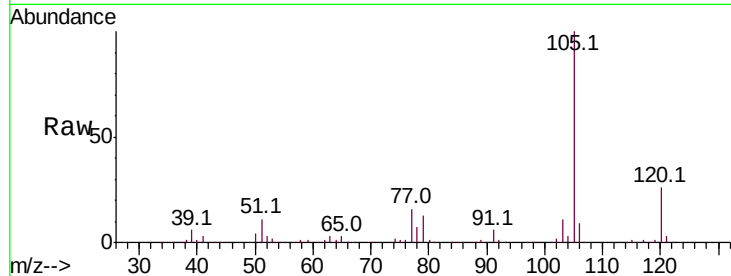
#73  
Isopropylbenzene  
Concen: 18.789 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0408MBSD01

Tot Ion: 105 Resp: 185530  
Ion Ratio Lower Upper  
105 100  
120 26.0 12.9 38.6

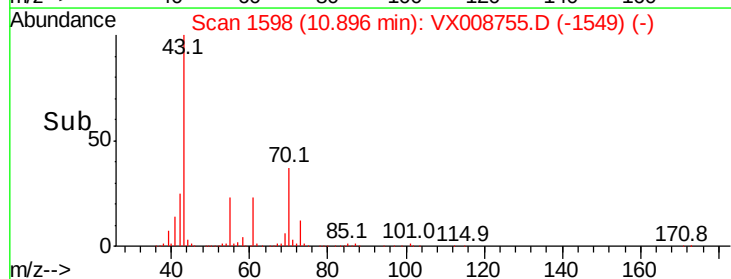
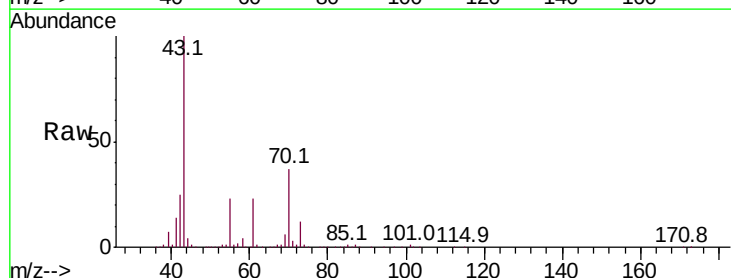
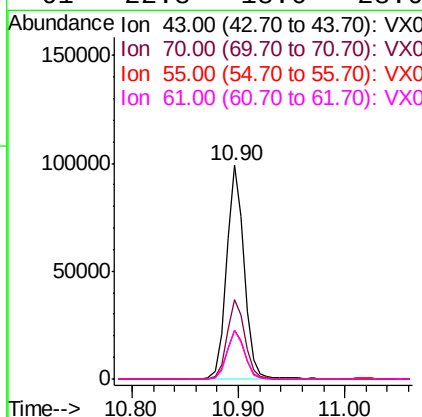
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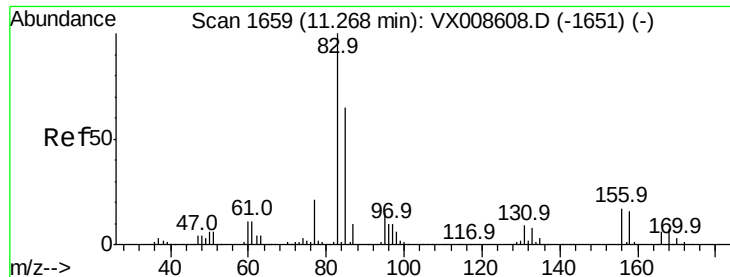
MMDadoda  
4/9/2019 1:50:38 PM



#74  
N-ethyl acetate  
Concen: 19.607 ug/l  
RT: 10.90 min Scan# 1598  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Tgt Ion: 43 Resp: 113907  
Ion Ratio Lower Upper  
43 100  
70 38.1 30.2 45.4  
55 23.2 18.2 27.4  
61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.660 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

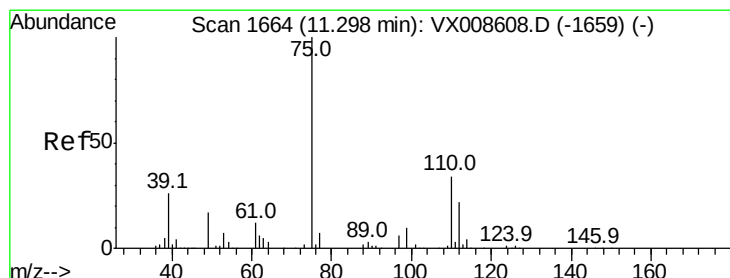
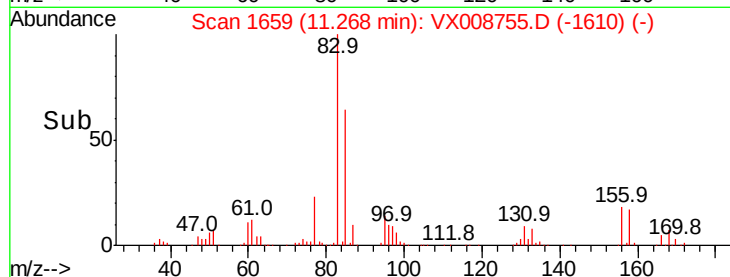
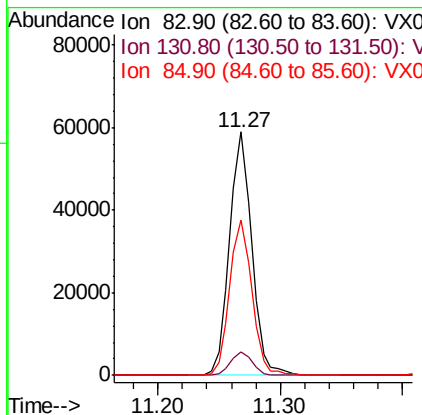
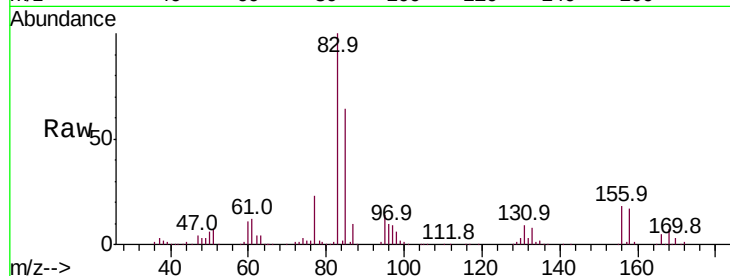
ClientSampleId :

VX0408MBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 73833 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.2   | 4.5   | 13.7  |
| 85        | 64.2  | 32.0  | 96.2  |

Manual Integrations  
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4/9/2019 1:50:38 PM



#76

1,2,3-Trichloropropane

Concen: 18.824 ug/l m

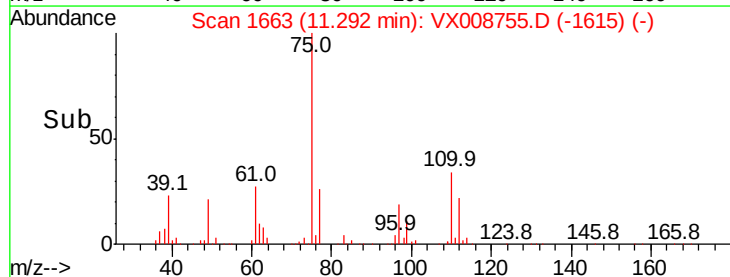
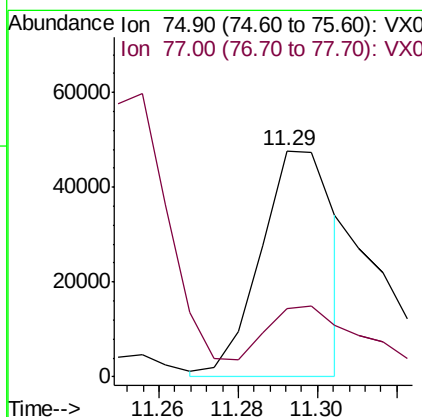
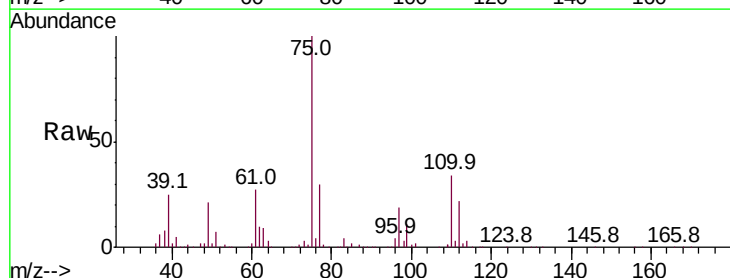
RT: 11.29 min Scan# 1663

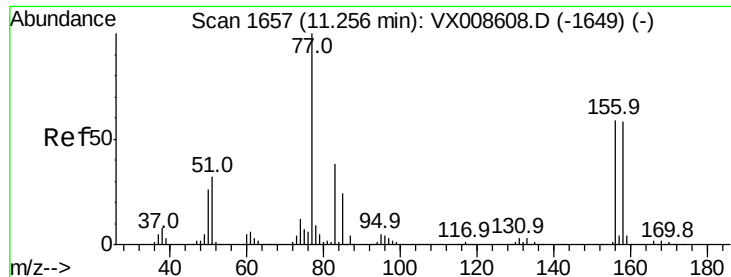
Delta R.T. -0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 61615 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 42.2  | 22.3  | 66.8  |





#77

Bromobenzene

Concen: 18.927 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion:156 Resp: 44930

Ion Ratio Lower Upper

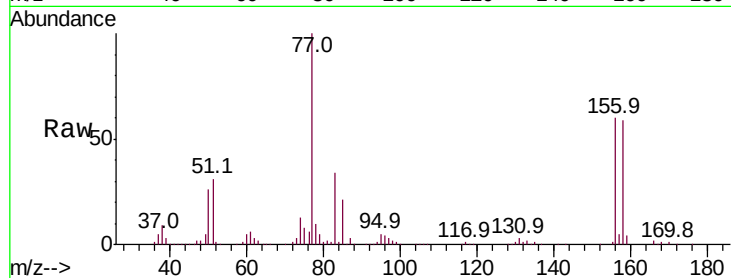
156 100

77 177.9 89.8 269.6

158 98.0 48.6 145.9

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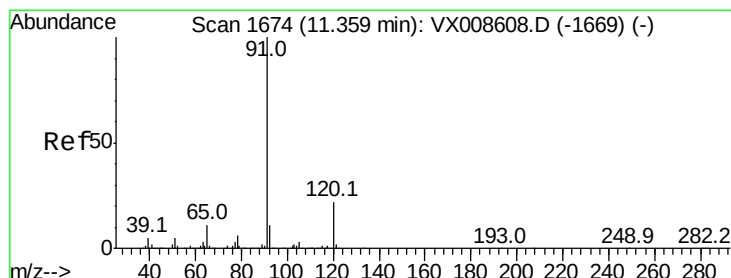
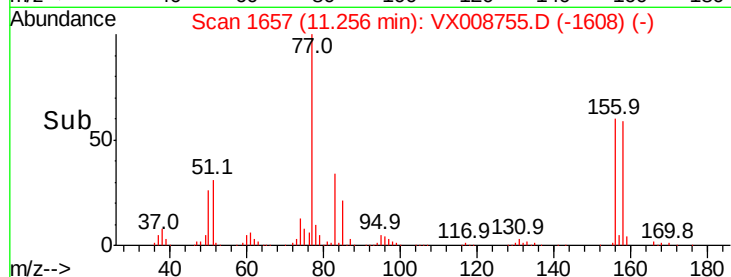
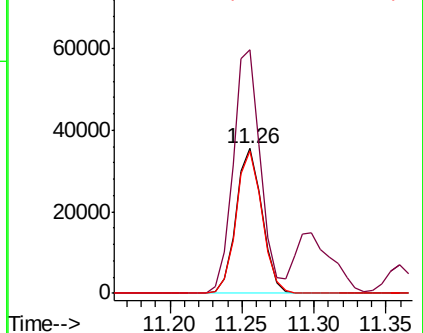
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.386 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008755.D

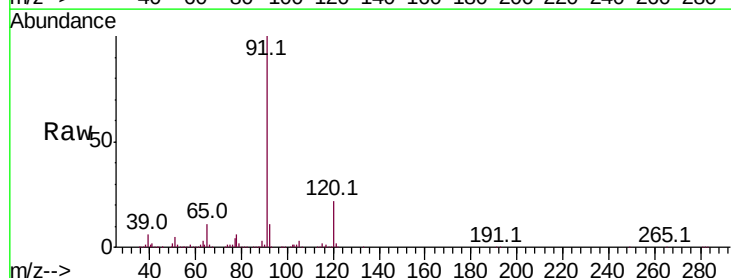
Acq: 08 Apr 2019 19:09

Tgt Ion: 91 Resp: 211391

Ion Ratio Lower Upper

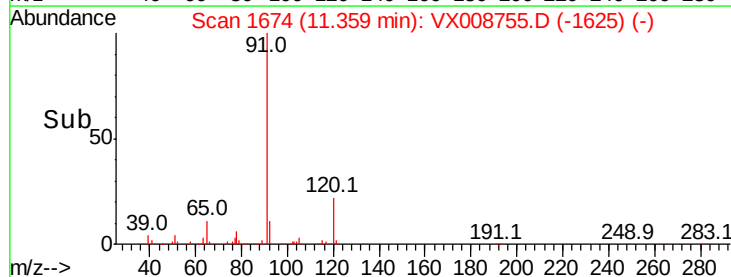
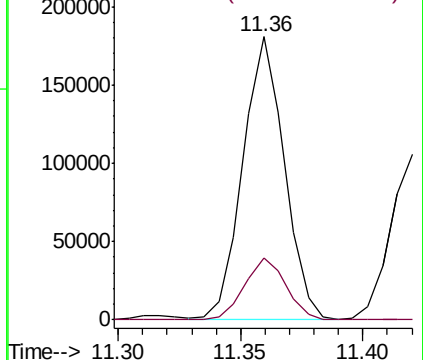
91 100

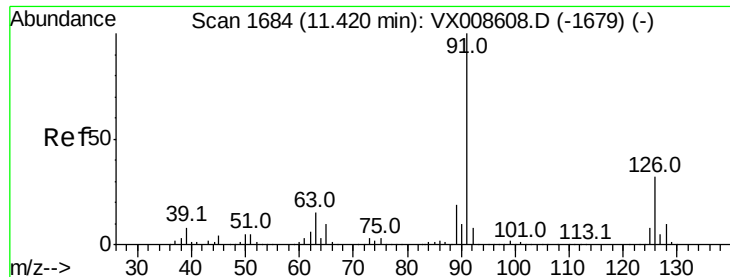
120 22.1 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.172 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion: 91 Resp: 126439

Ion Ratio Lower Upper

91 100

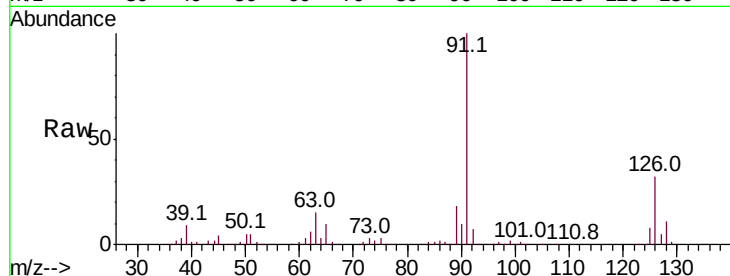
126 32.4 16.1 48.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)

200000

150000

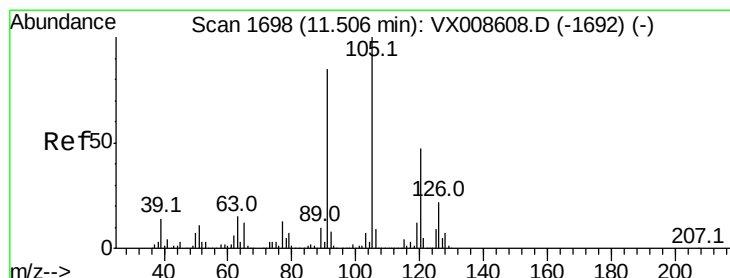
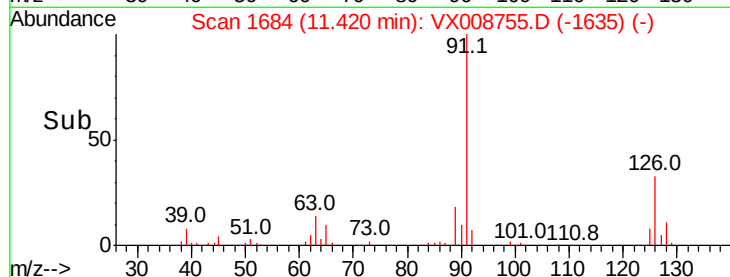
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.950 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008755.D

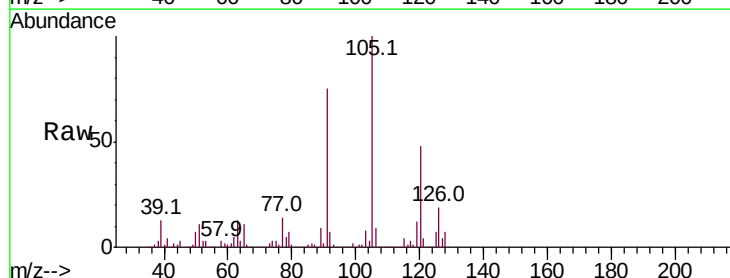
Acq: 08 Apr 2019 19:09

Tgt Ion:105 Resp: 157071

Ion Ratio Lower Upper

105 100

120 47.6 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)

150000

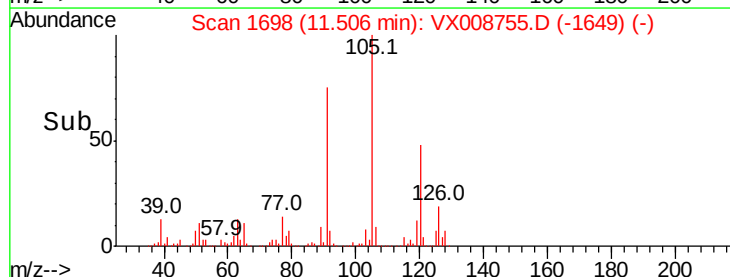
100000

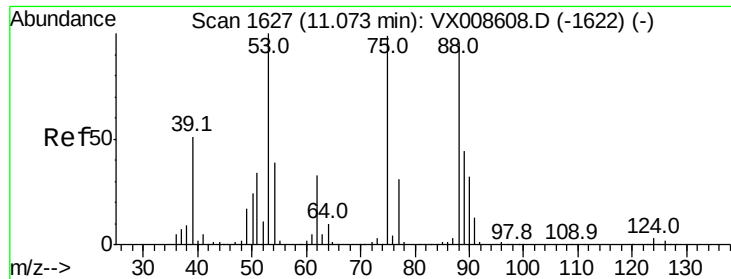
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.351 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion: 75 Resp: 22978

Ion Ratio Lower Upper

75 100

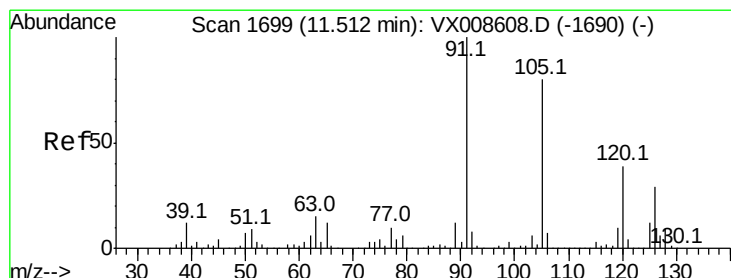
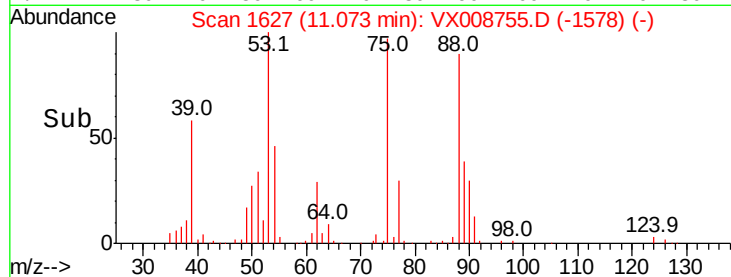
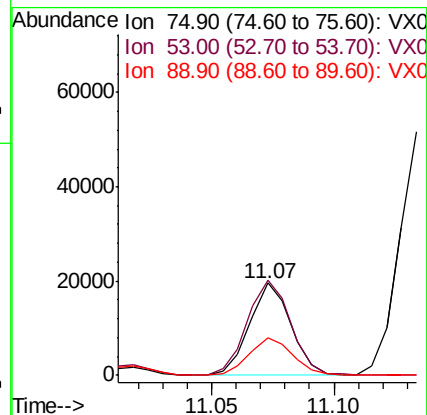
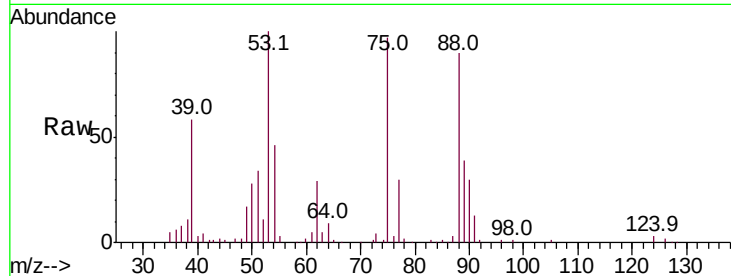
53 110.3 81.3 121.9

89 44.0 35.6 53.4

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 17.930 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008755.D

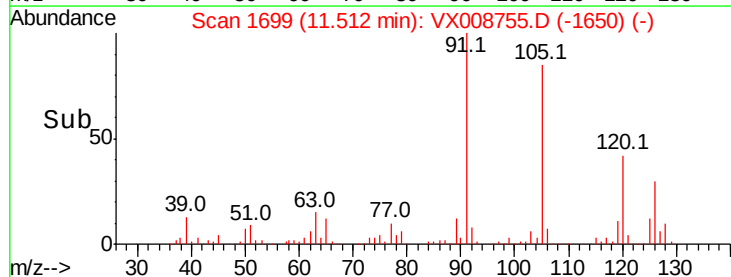
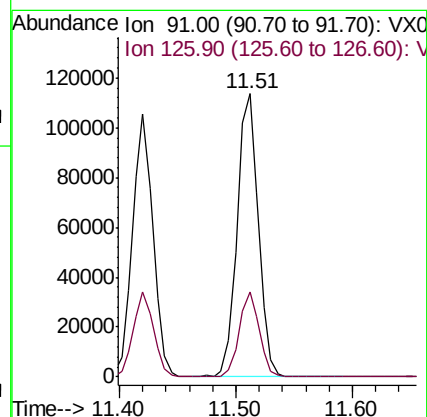
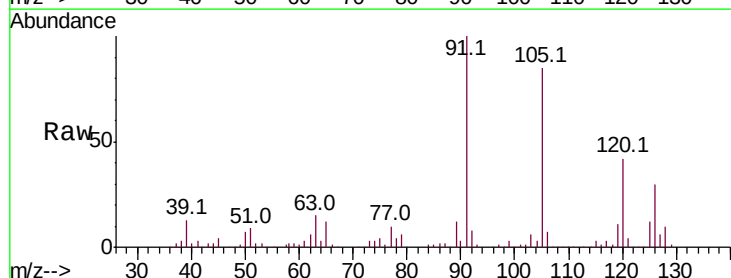
Acq: 08 Apr 2019 19:09

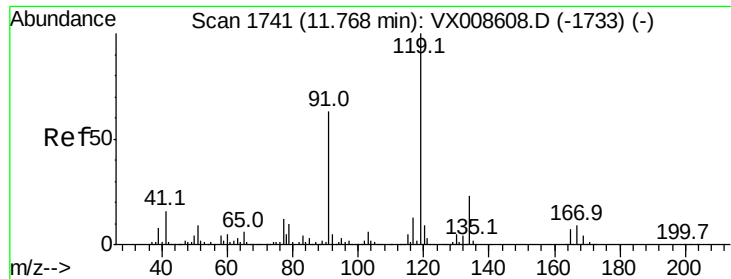
Tgt Ion: 91 Resp: 144409

Ion Ratio Lower Upper

91 100

126 28.5 13.9 41.6





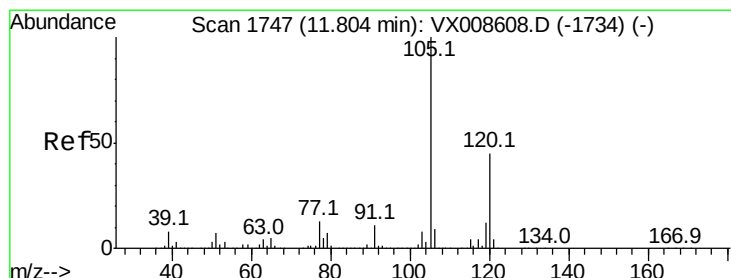
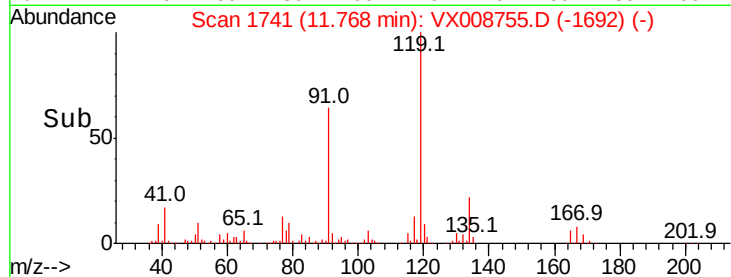
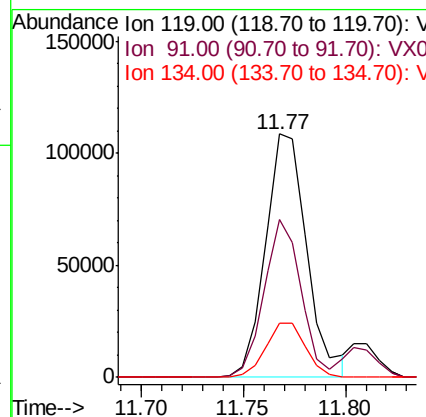
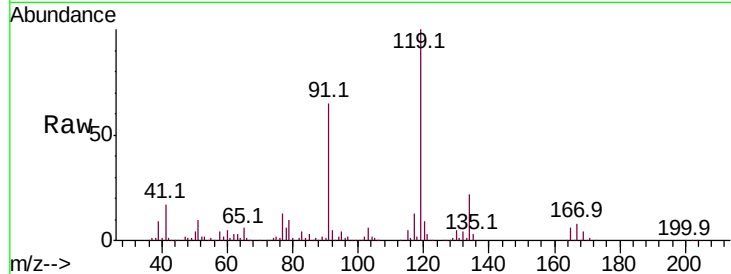
#83  
 tert-Butylbenzene  
 Concen: 19.232 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0408MBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 153365 |       |       |
| 91      | 58.1  | 30.0   | 90.1  |       |
| 134     | 21.7  | 11.1   | 33.3  |       |

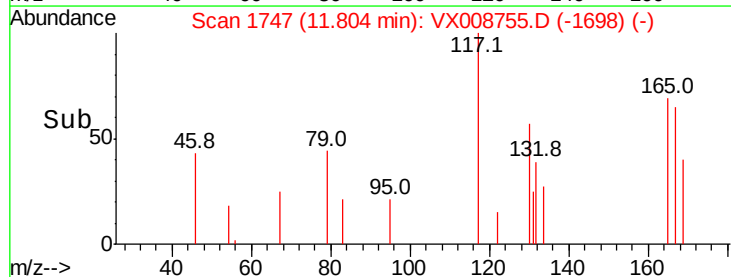
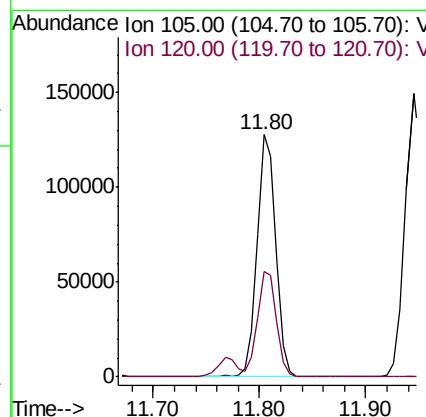
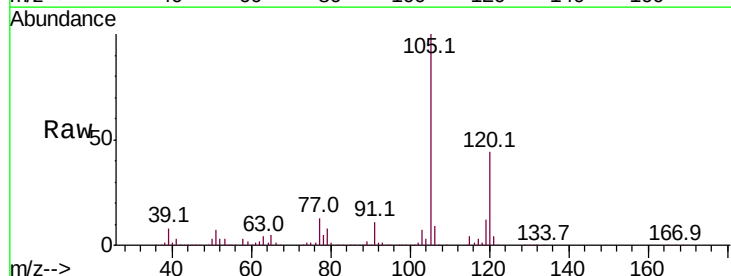
Manual Integrations  
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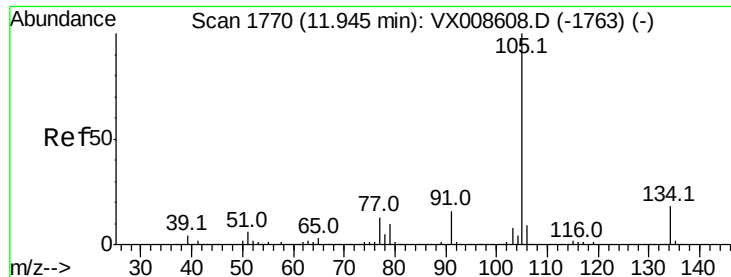
MMDadoda  
 4/9/2019 1:50:38 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.817 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 157931 |       |       |
| 120     | 43.8  | 21.8   | 65.3  |       |





#85

sec-Butylbenzene

Concen: 18.812 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0408MBSD01

Tot Ion:105 Resp: 178188

Ion Ratio Lower Upper

105 100

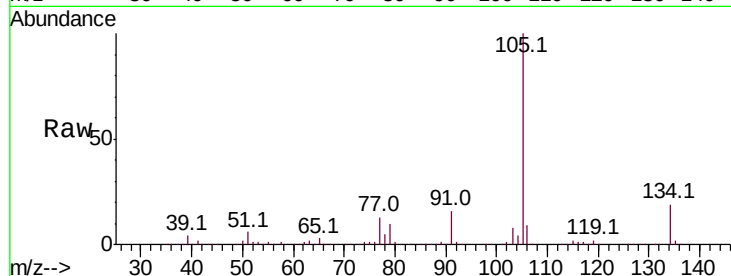
134 19.4 9.4 28.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

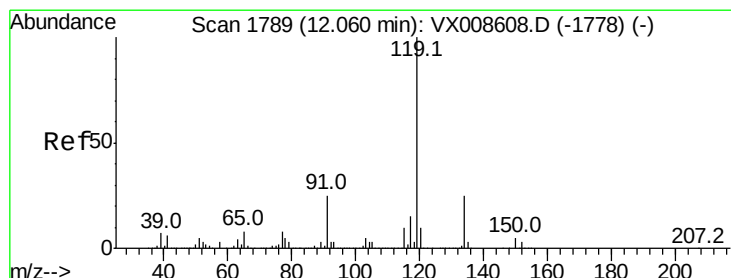
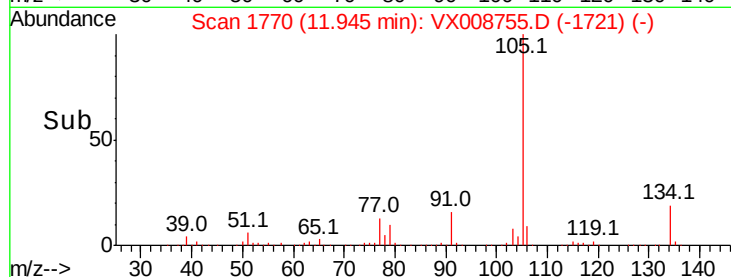
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.661 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

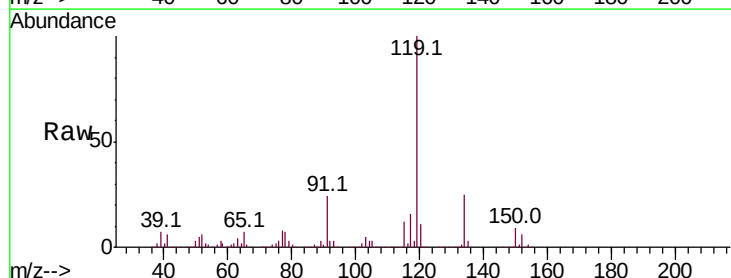
Tgt Ion:119 Resp: 158649

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

91 24.2 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

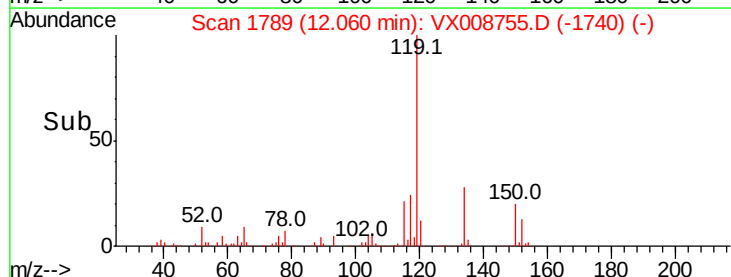
150000

100000

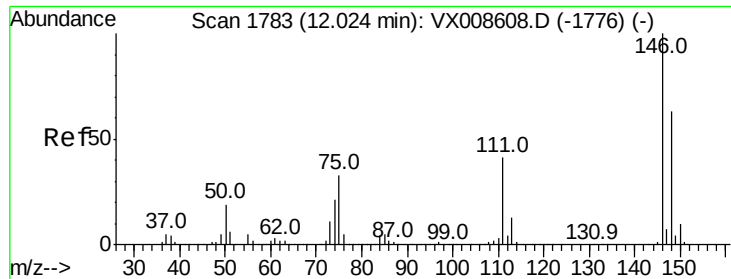
50000

0

Time-->







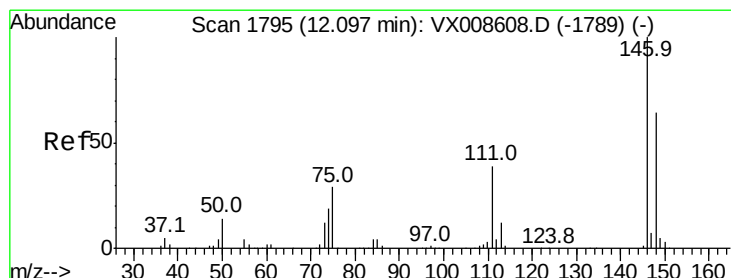
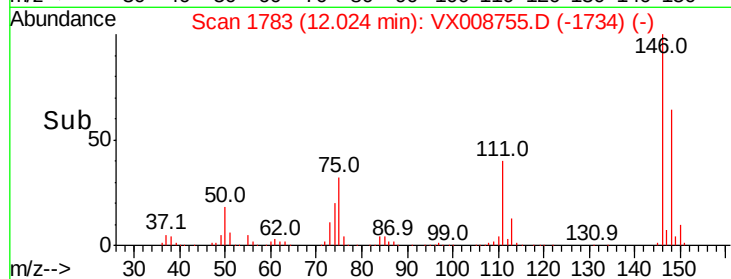
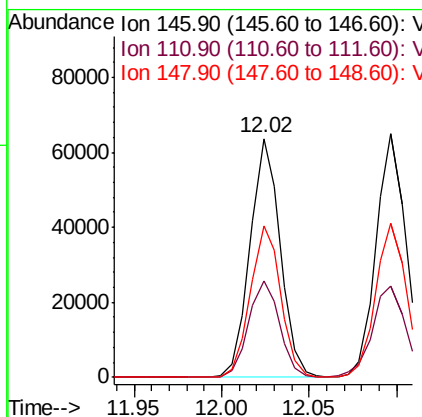
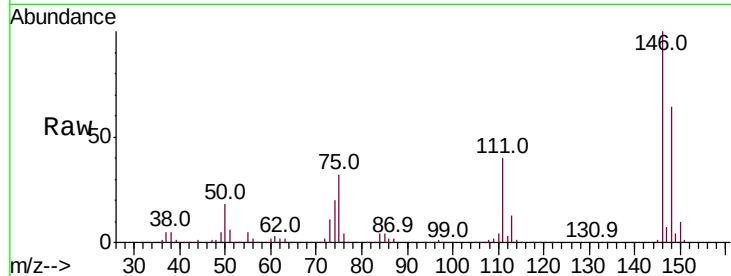
#87  
 1,3-Dichlorobenzene  
 Concen: 18.060 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0408MBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.3  | 20.5  | 61.5  |
| 148     | 64.2  | 31.6  | 94.7  |

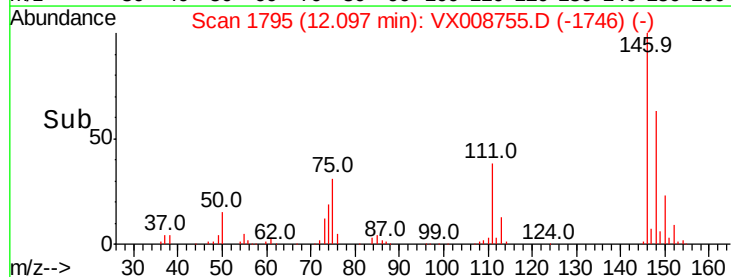
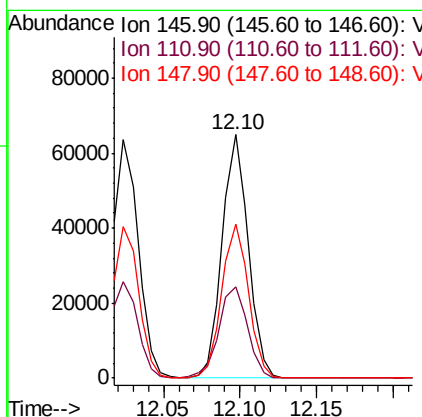
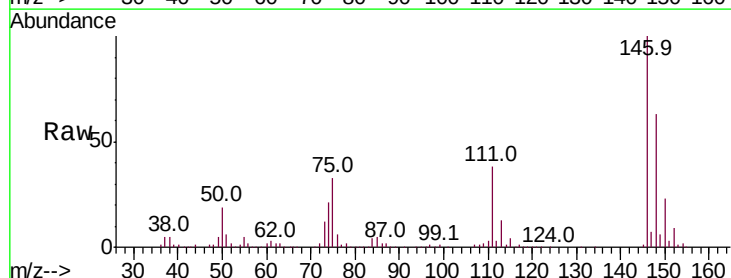
Manual Integrations  
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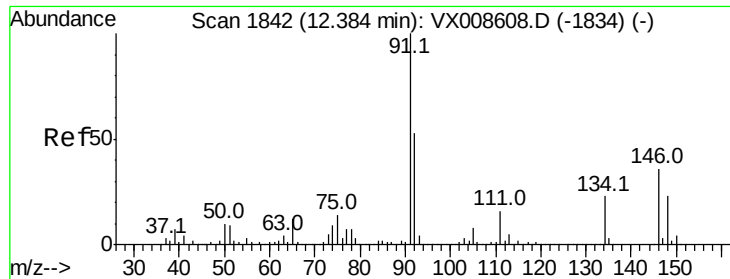
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 17.872 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.6  | 20.2  | 60.6  |
| 148     | 65.0  | 32.0  | 96.0  |





#89

n-Butylbenzene

Concen: 18.303 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

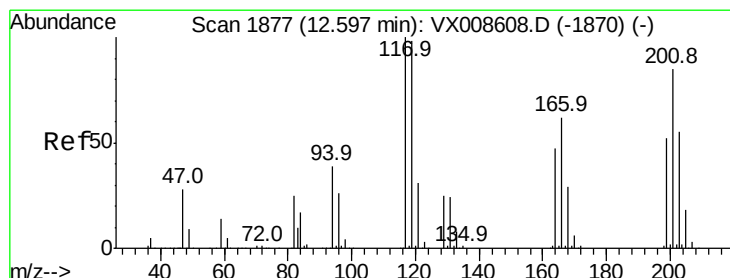
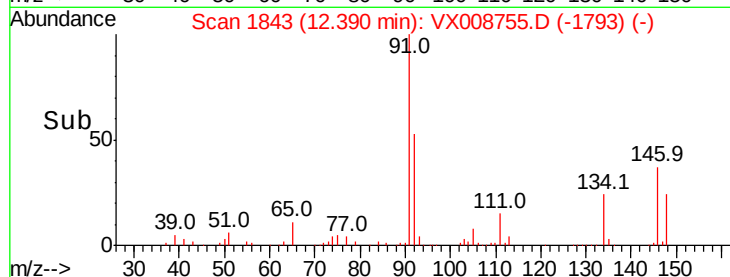
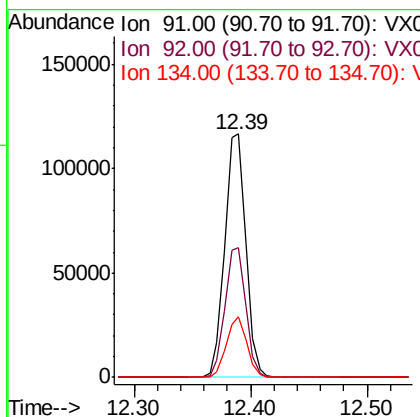
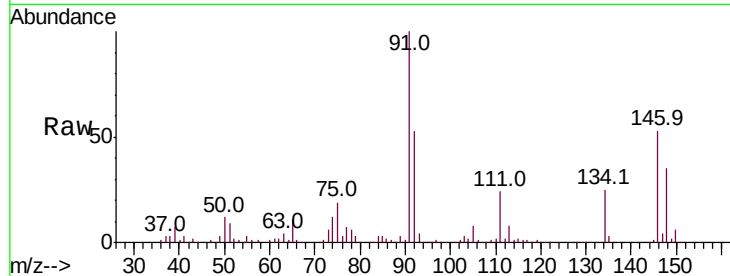
ClientSampleId :

VX0408MBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 91    | Resp: | 145935 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 52.8  | 26.4  | 79.2   |
| 134       | 24.1  | 12.0  | 36.0   |

Manual Integrations  
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#90

Hexachloroethane

Concen: 18.455 ug/l

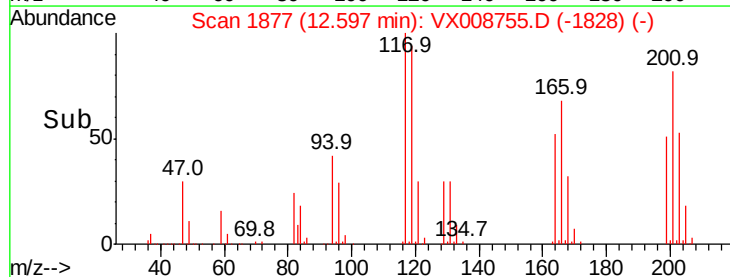
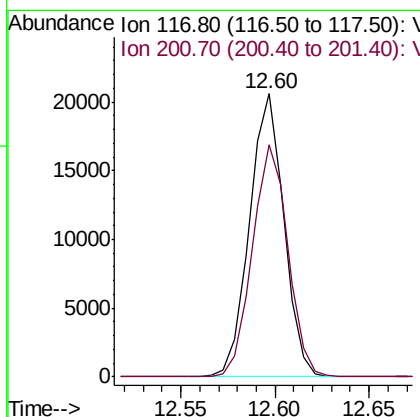
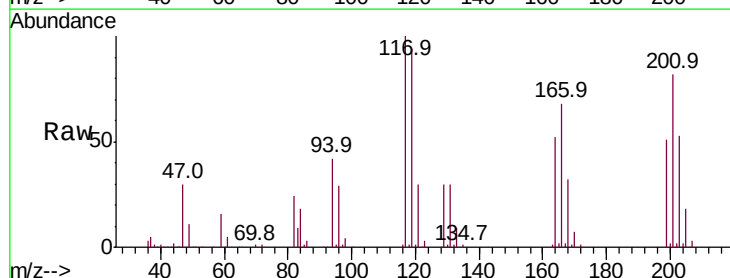
RT: 12.60 min Scan# 1877

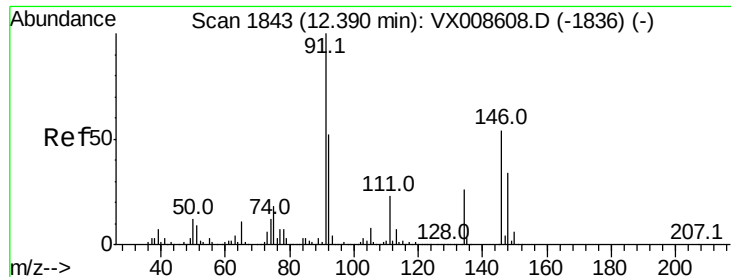
Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 26023 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 84.6  | 40.6  | 122.0 |





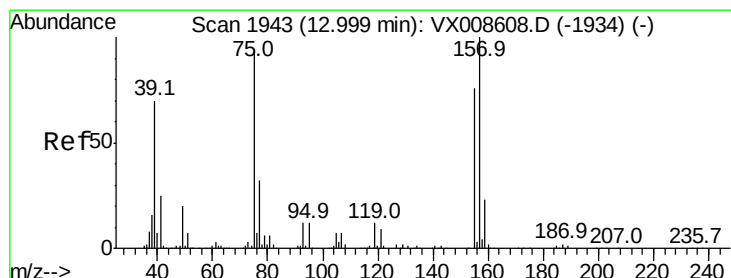
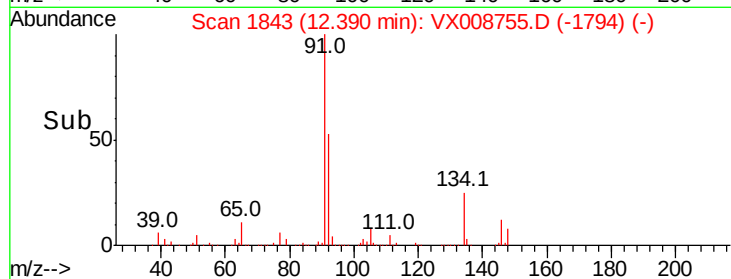
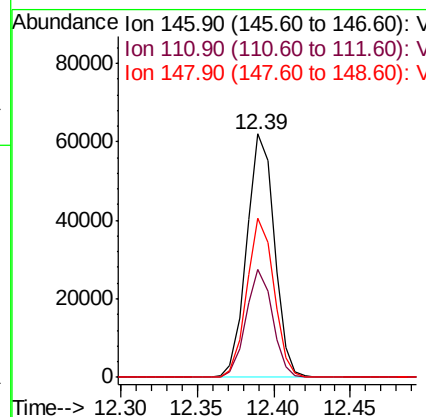
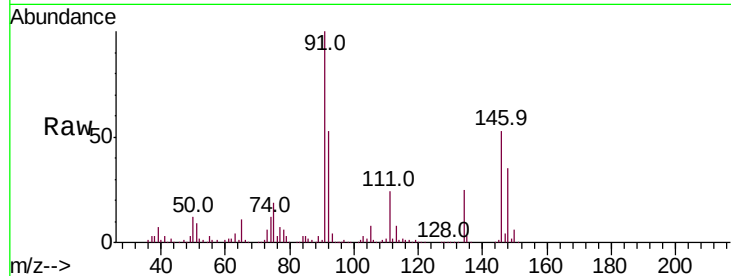
#91  
 1,2-Dichlorobenzene  
 Concen: 18.434 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0408MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.6  | 21.3  | 63.9  |
| 148     | 64.2  | 31.7  | 95.1  |

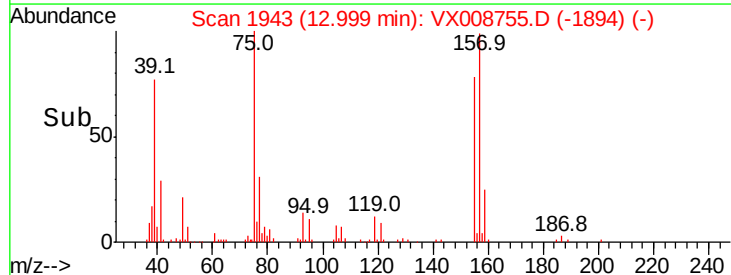
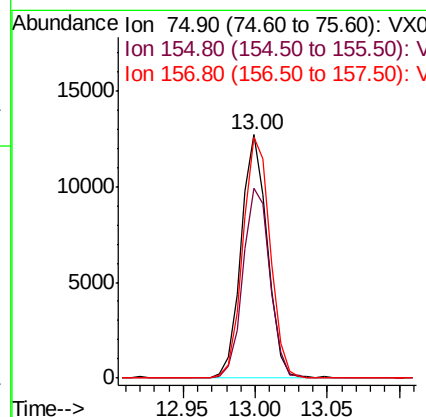
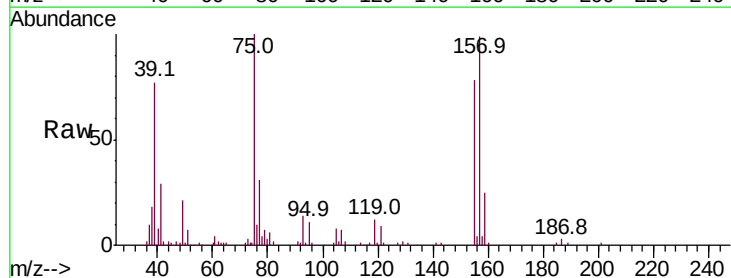
Manual Integrations  
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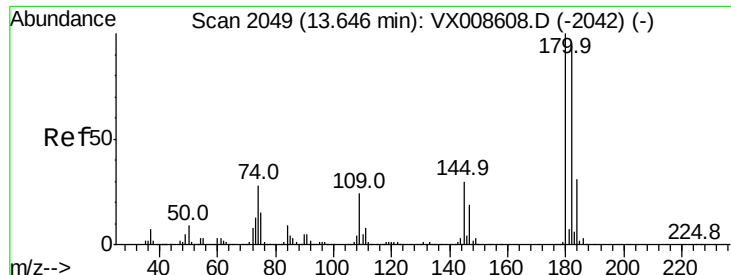
MMDadoda  
 4/9/2019 1:50:38 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.435 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX008755.D  
 Acq: 08 Apr 2019 19:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 80.0  | 39.9  | 119.6 |
| 157     | 102.1 | 51.5  | 154.7 |





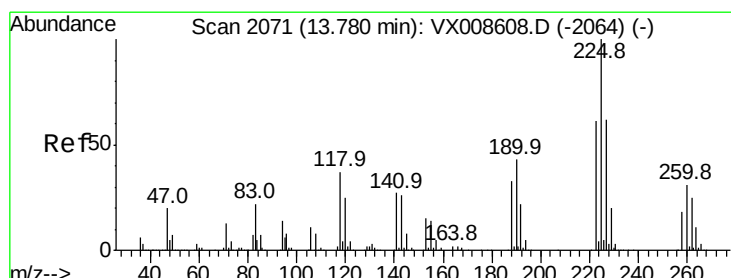
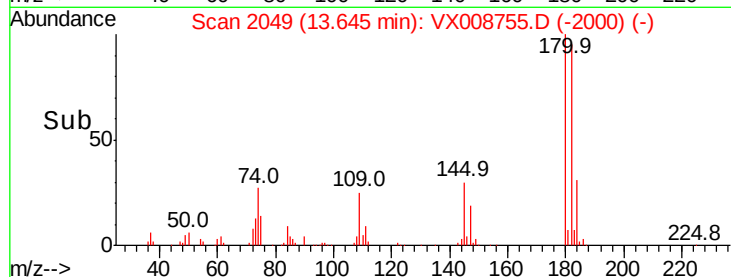
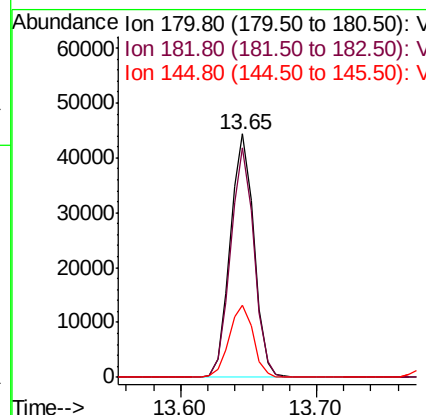
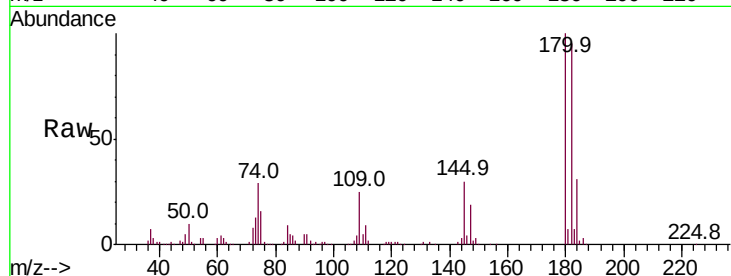
#93  
1,2,4-Trichlorobenzene  
Concen: 18.293 ug/l  
RT: 13.65 min Scan# 2049  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0408MBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 93.3  | 47.2 | 141.6 |       |
| 145     | 29.9  | 15.3 | 45.9  |       |

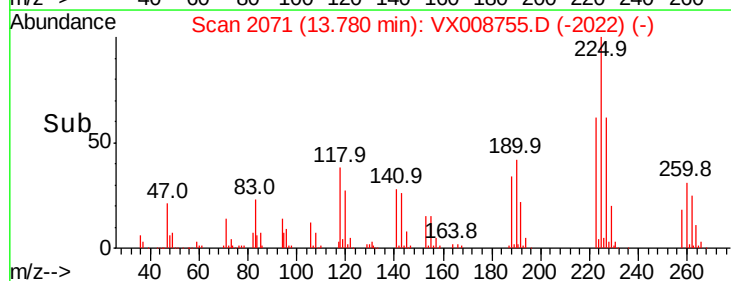
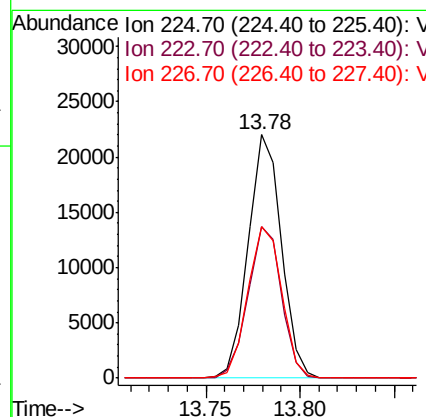
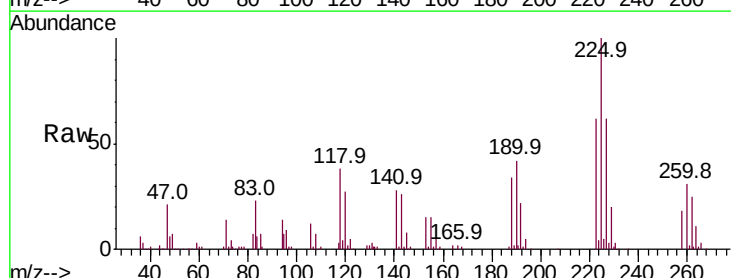
Manual Integrations  
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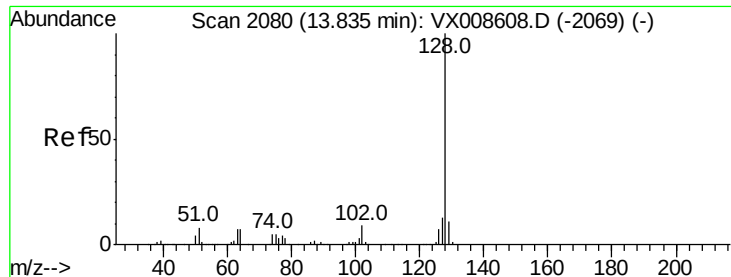
MMDadoda  
4/9/2019 1:50:38 PM



#94  
Hexachlorobutadiene  
Concen: 19.172 ug/l  
RT: 13.78 min Scan# 2071  
Delta R.T. -0.00 min  
Lab File: VX008755.D  
Acq: 08 Apr 2019 19:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.6  | 31.2 | 93.6  |       |
| 227     | 63.6  | 31.9 | 95.5  |       |





#95

Naphthalene

Concen: 19.356 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

Instrument :

MSVOA\_X

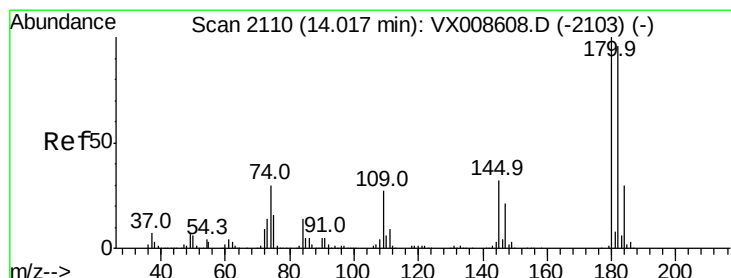
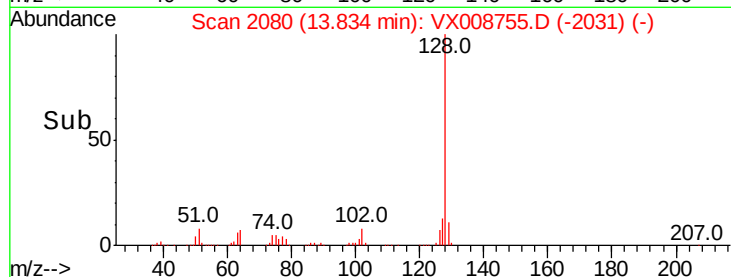
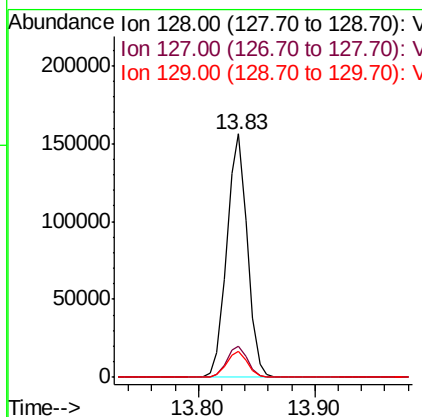
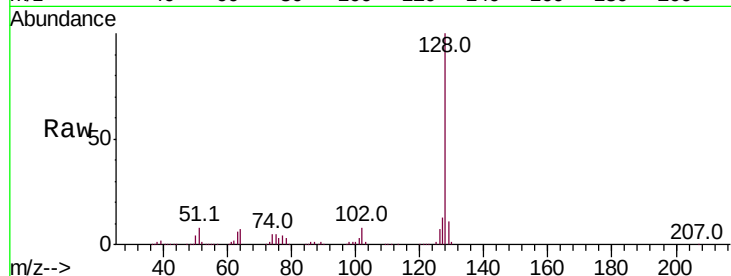
ClientSampleId :

VX0408MBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 189790 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.4  | 15.6   |
| 129       | 10.8  | 8.6   | 13.0   |

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#96

1,2,3-Trichlorobenzene

Concen: 18.492 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008755.D

Acq: 08 Apr 2019 19:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 54205 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.6  | 48.1  | 144.3 |
| 145       | 32.1  | 16.3  | 48.8  |

