

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\  
 Data File : VX011249.D  
 Acq On : 31 Jul 2019 17:40  
 Operator : JC/SP  
 Sample : VX0731WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0731WBS01

Manual Integrations  
 APPROVED

MMdadoda  
 8/1/2019 11:20:00 AM

Quant Time: Aug 01 03:07:48 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 24 05:39:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 190718   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 277881   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 254951   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 133802   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 100661   | 49.61 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.22%  |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 88882    | 50.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.78% |      |
| 50) Toluene-d8            | 8.71   | 98  | 329645   | 49.83 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.66%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 121850   | 50.11 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.22% |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 33295  | 16.739 | ug/l | 99     |
| 3) Chloromethane              | 1.33 | 50  | 30215  | 17.228 | ug/l | 95     |
| 4) Vinyl Chloride             | 1.41 | 62  | 33282  | 18.605 | ug/l | 98     |
| 5) Bromomethane               | 1.64 | 94  | 20868  | 20.701 | ug/l | 97     |
| 6) Chloroethane               | 1.73 | 64  | 21619  | 19.017 | ug/l | 97     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 59326  | 19.591 | ug/l | 96     |
| 8) Diethyl Ether              | 2.19 | 74  | 20712  | 19.852 | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 33155  | 19.176 | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 34274  | 15.106 | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.04 | 59  | 45518  | 96.330 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 30826  | 18.146 | ug/l | 96     |
| 13) Acrolein                  | 2.29 | 56  | 24792  | 90.811 | ug/l | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 43991  | 17.828 | ug/l | 98     |
| 15) Acrylonitrile             | 3.14 | 53  | 93001  | 97.401 | ug/l | 99     |
| 16) Acetone                   | 2.44 | 43  | 89379  | 97.536 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 59673  | 13.694 | ug/l | 98     |
| 18) Methyl Acetate            | 2.78 | 43  | 44738  | 21.441 | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 105268 | 19.249 | ug/l | 100    |
| 20) Methylene Chloride        | 2.85 | 84  | 36018  | 18.547 | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 31641  | 17.554 | ug/l | 100    |
| 22) Diisopropyl ether         | 3.85 | 45  | 101667 | 19.536 | ug/l | 98     |
| 23) Vinyl Acetate             | 3.82 | 43  | 412019 | 93.439 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 57500  | 19.025 | ug/l | 97     |
| 25) 2-Butanone                | 4.67 | 43  | 130057 | 98.870 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 46218  | 18.624 | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 37891  | 18.164 | ug/l | 99     |
| 28) Bromochloromethane        | 5.01 | 49  | 25700  | 18.045 | ug/l | 98     |
| 29) Tetrahydrofuran           | 5.13 | 42  | 79515  | 95.427 | ug/l | 99     |
| 30) Chloroform                | 5.21 | 83  | 62535  | 19.143 | ug/l | 97     |
| 31) Cyclohexane               | 5.59 | 56  | 47601  | 17.279 | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 53820  | 19.042 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 42071  | 18.432 | ug/l | 99     |
| 37) Ethyl Acetate             | 4.84 | 43  | 45551  | 19.489 | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 44269  | 18.612 | ug/l | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\  
 Data File : VX011249.D  
 Acq On : 31 Jul 2019 17:40  
 Operator : JC/SP  
 Sample : VX0731WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0731WBS01

Manual Integrations  
 APPROVED

MMdadoda  
 8/1/2019 11:20:00 AM

Quant Time: Aug 01 03:07:48 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 24 05:39:23 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 52430    | 17.713  | ug/l   | 96       |
| 40) Benzene                    | 6.14  | 78   | 134242   | 19.200  | ug/l   | 95       |
| 41) Methacrylonitrile          | 5.04  | 41   | 24486    | 18.455  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 48952    | 20.136  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.44  | 43   | 73104    | 19.022  | ug/l   | 98       |
| 44) Trichloroethene            | 7.21  | 130  | 38533    | 18.618  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 34654    | 19.473  | ug/l   | 95       |
| 46) Dibromomethane             | 7.66  | 93   | 24813    | 19.513  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 42911    | 18.957  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 35743    | 19.091  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 20517    | 391.773 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 254945   | 102.335 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 88473    | 19.262  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 44028    | 18.089  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 50633    | 18.695  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 37918    | 20.049  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 54725    | 19.782  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 59953    | 19.983  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 137799   | 104.348 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 198264   | 102.606 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 36118    | 18.283  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 39703    | 19.781  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 38788    | 19.339  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.13 | 112  | 101564   | 19.396  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 35711    | 19.404  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 171816   | 19.277  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 130341   | 38.123  | ug/l   | 100      |
| 69) o-Xylene                   | 10.69 | 106  | 64522    | 19.337  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 108073   | 19.429  | ug/l   | 100      |
| 71) Bromoform                  | 10.85 | 173  | 25280    | 16.866  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 174357   | 19.285  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 65117    | 18.850  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 58930    | 19.917  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 49271m   | 20.406  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 48060    | 19.272  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 191905   | 19.211  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 116164   | 19.358  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 145568   | 19.269  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 13966    | 17.468  | ug/l   | 89       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 132946   | 19.035  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 144361   | 19.454  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 146940   | 19.298  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 171402   | 19.713  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 159527   | 19.845  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 83258    | 19.238  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 85255    | 19.208  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.38 | 91   | 131964   | 19.189  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 21859    | 17.241  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 85269    | 19.880  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 11365    | 18.376  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\  
Data File : VX011249.D  
Acq On : 31 Jul 2019 17:40  
Operator : JC/SP  
Sample : VX0731WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

Manual Integrations  
APPROVED

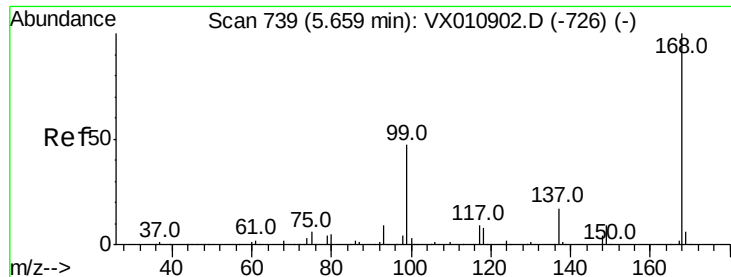
MMdadoda  
8/1/2019 11:20:00 AM

Quant Time: Aug 01 03:07:48 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 24 05:39:23 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 57308    | 19.715 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 28463    | 19.759 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 175137   | 20.403 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 59142    | 20.448 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

VX0731WBS01

Tot Ion:168 Resp: 190718

Ion Ratio Lower Upper

168 100

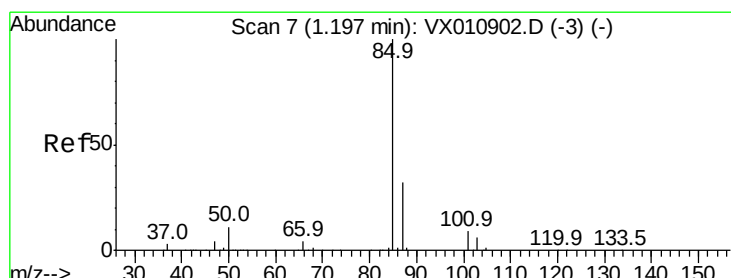
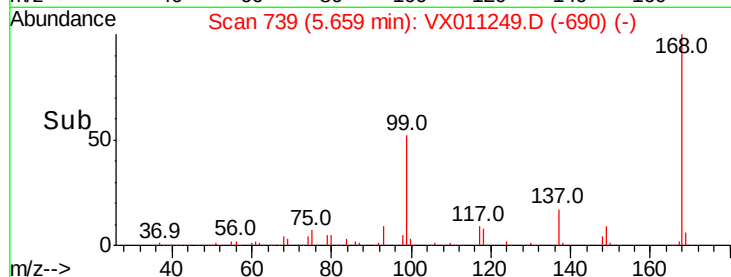
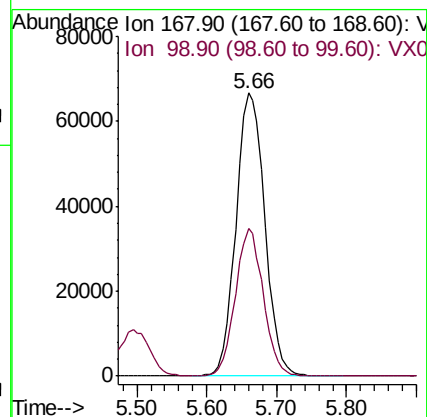
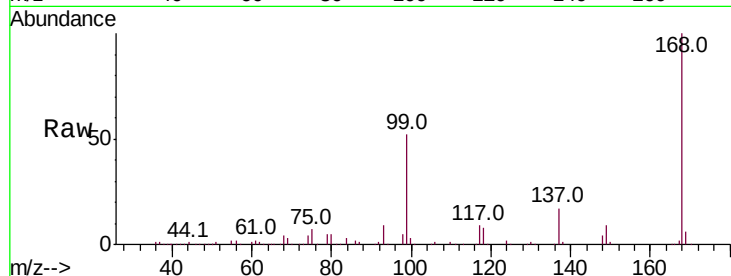
99 52.1 37.6 56.4

Manual Integrations

APPROVED

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8/1/2019 11:20:00 AM



#2

Dichlorodifluoromethane

Concen: 16.739 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011249.D

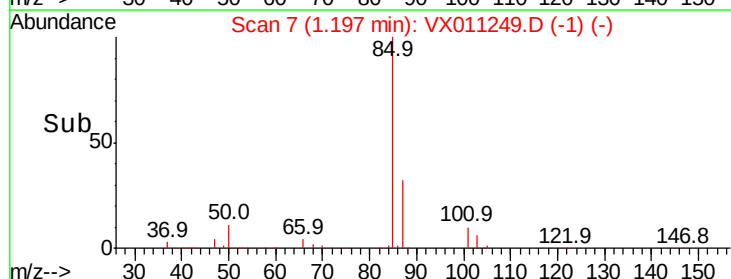
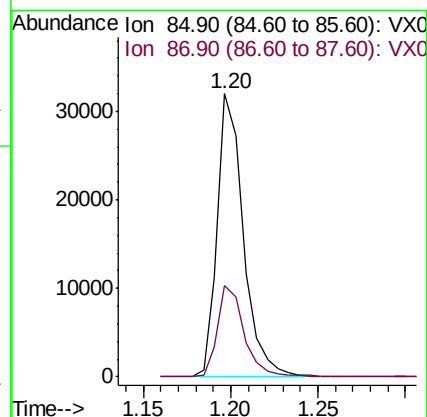
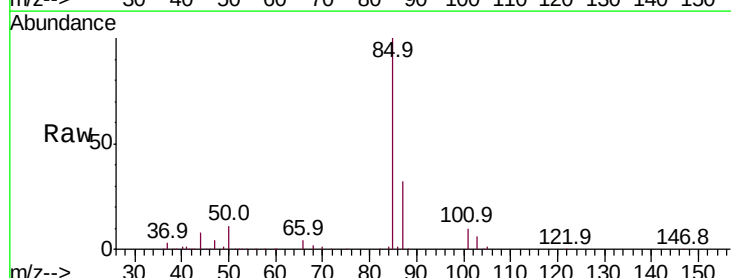
Acq: 31 Jul 2019 17:40

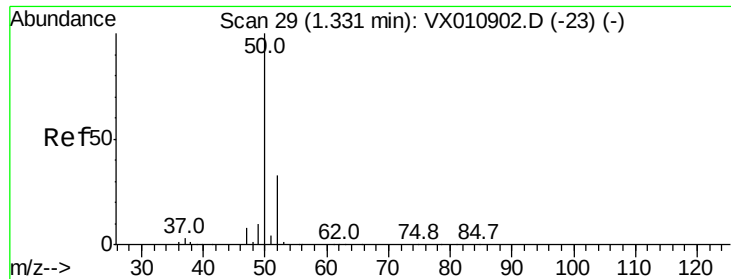
Tgt Ion: 85 Resp: 33295

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.7





#3

Chloromethane

Concen: 17.228 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

VX0731WBS01

Tot Ion: 50 Resp: 30215

Ion Ratio Lower Upper

50 100

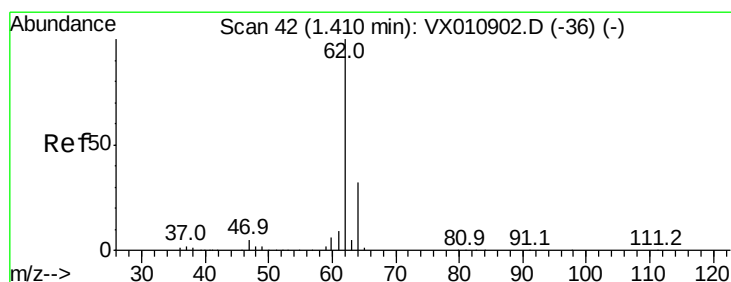
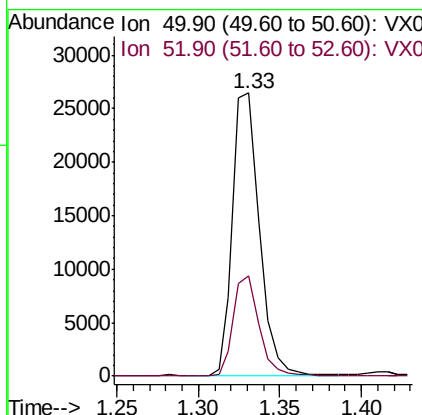
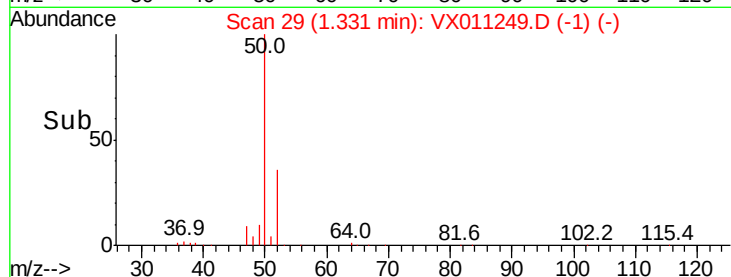
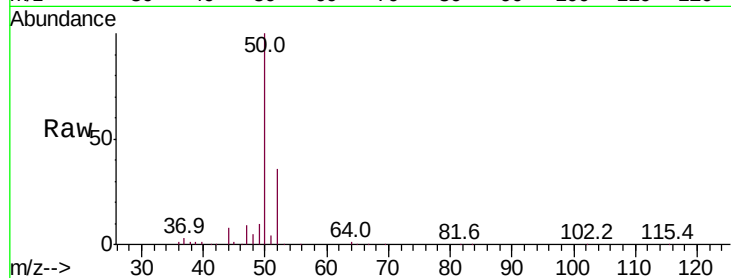
52 35.7 26.4 39.6

Manual Integrations

APPROVED

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8/1/2019 11:20:00 AM



#4

Vinyl Chloride

Concen: 18.605 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011249.D

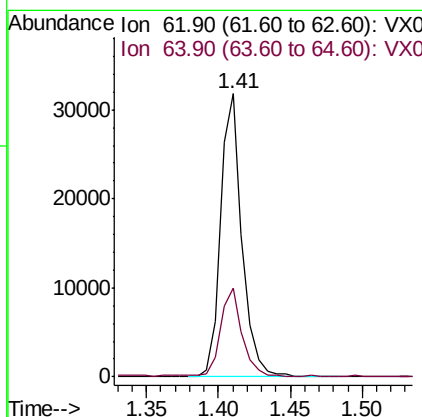
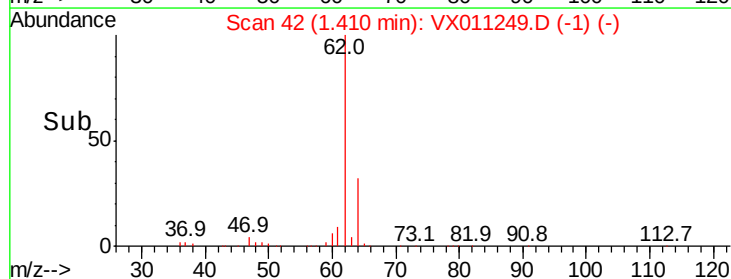
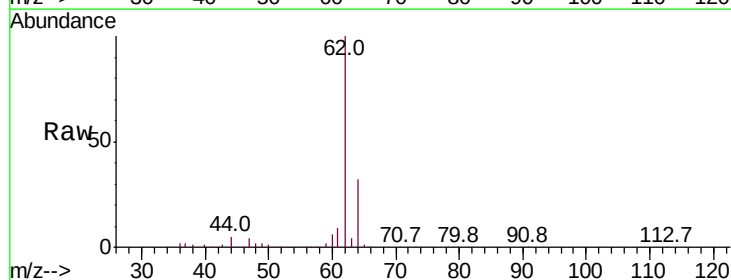
Acq: 31 Jul 2019 17:40

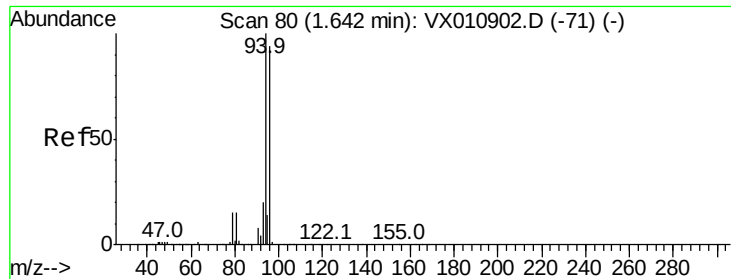
Tgt Ion: 62 Resp: 33282

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 20.701 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

VX0731WBS01

Tot Ion: 94 Resp: 20868

Ion Ratio Lower Upper

94 100

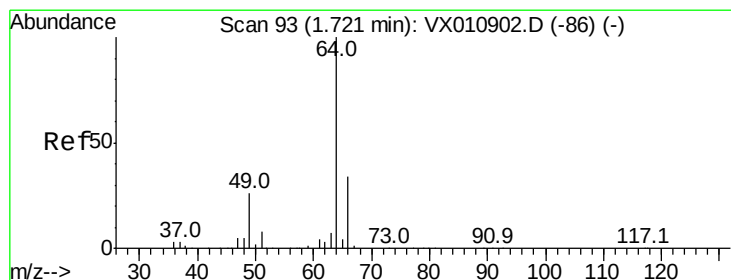
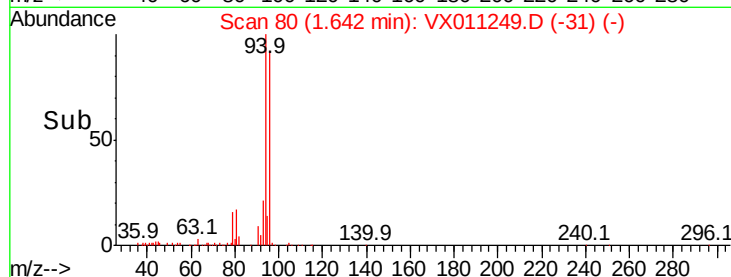
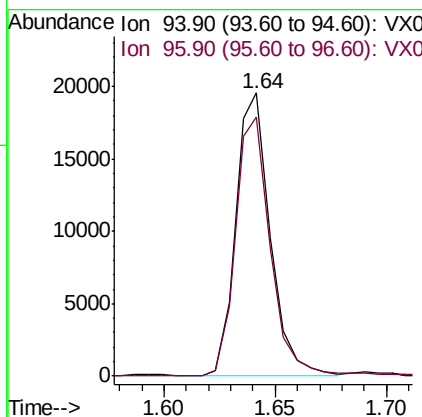
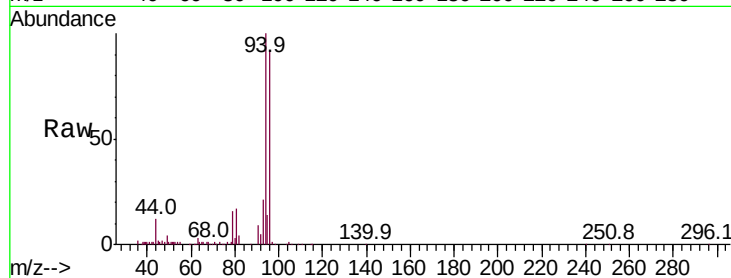
96 91.5 75.6 113.4

Manual Integrations

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8/1/2019 11:20:00 AM



#6

Chloroethane

Concen: 19.017 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX011249.D

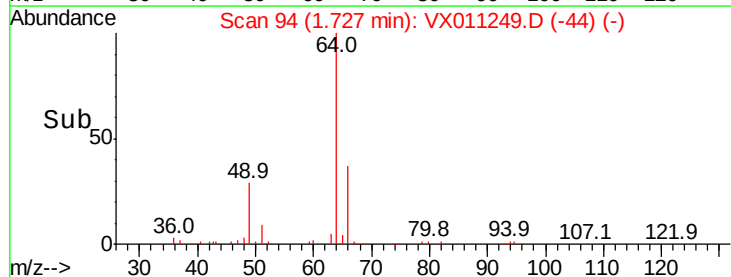
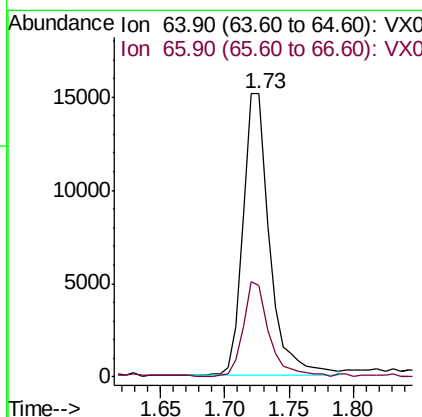
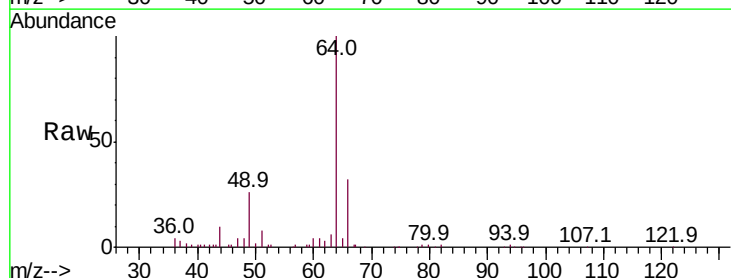
Acq: 31 Jul 2019 17:40

Tgt Ion: 64 Resp: 21619

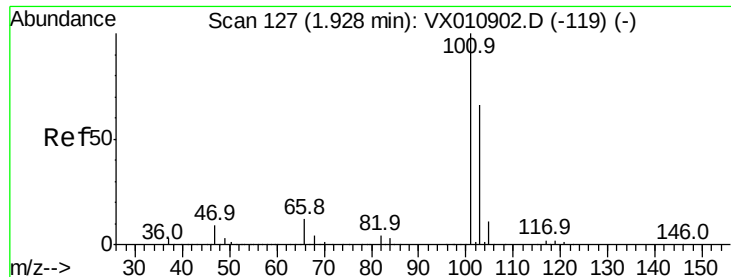
Ion Ratio Lower Upper

64 100

66 31.9 27.0 40.6







#7

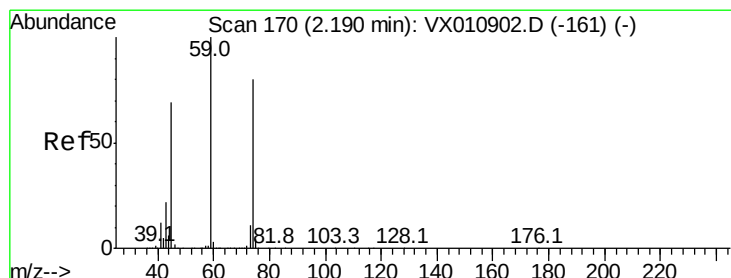
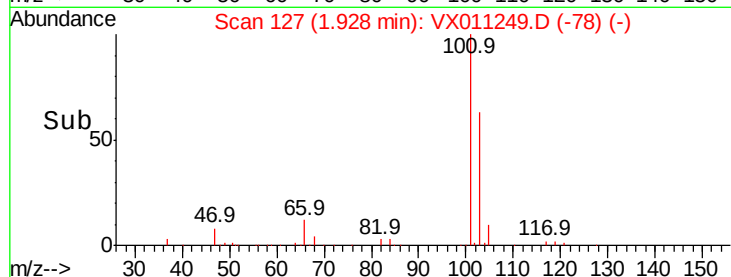
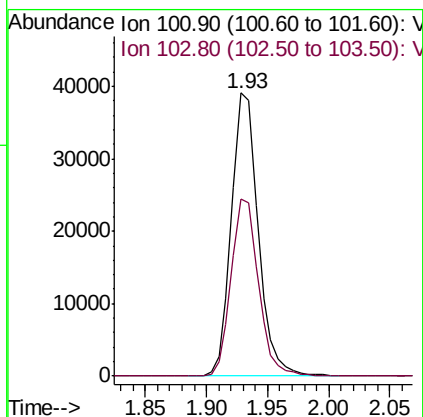
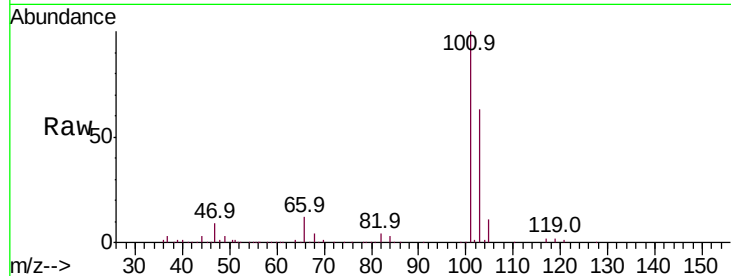
Trichlorofluoromethane  
 Concen: 19.591 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0731WBS01

Tot Ion:101 Resp: 59326  
 Ion Ratio Lower Upper  
 101 100  
 103 62.5 52.6 78.8

Manual Integrations  
 APPROVED

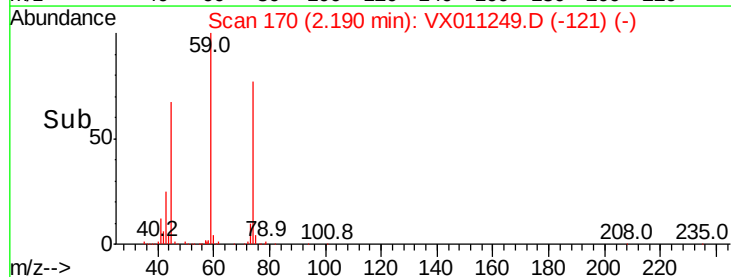
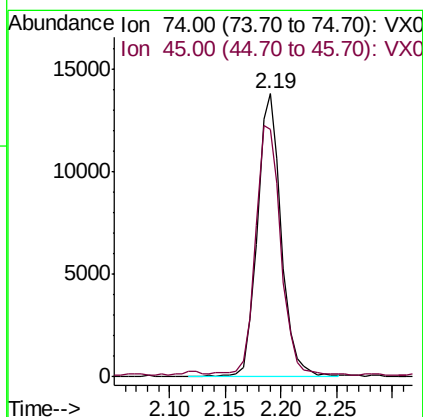
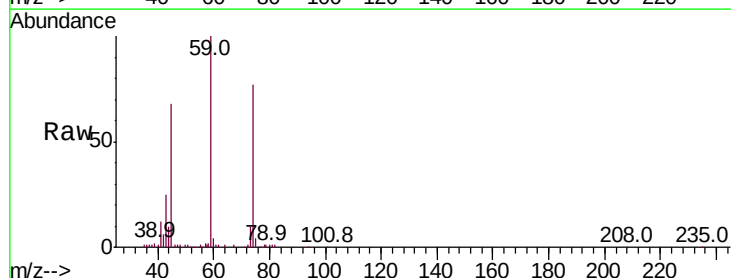
MMdadoda  
 8/1/2019 11:20:00 AM



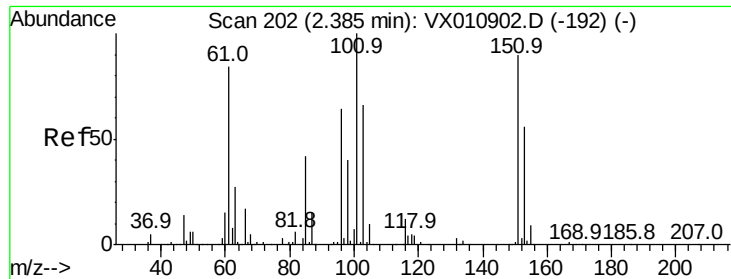
#8

Diethyl Ether  
 Concen: 19.852 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

Tgt Ion: 74 Resp: 20712  
 Ion Ratio Lower Upper  
 74 100  
 45 92.9 45.5 136.5







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.176 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

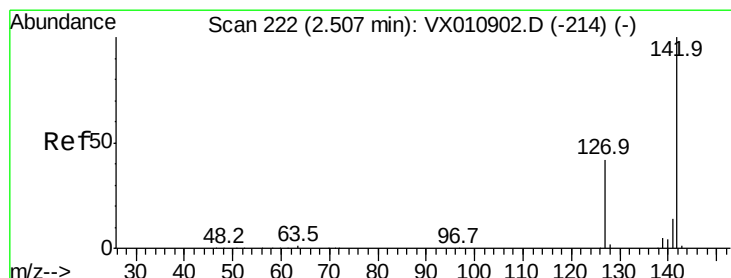
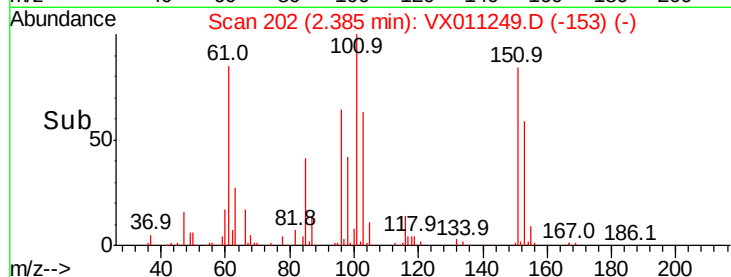
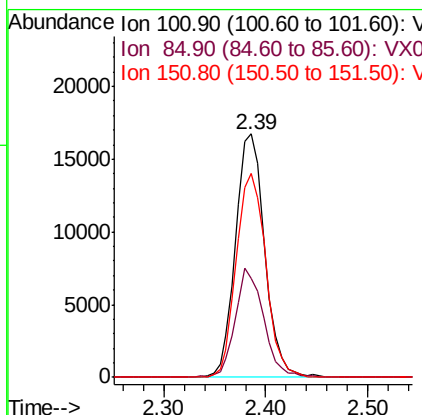
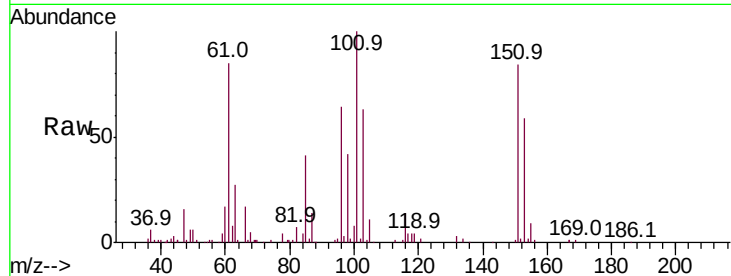
ClientSampleId :

VX0731WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 33155 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.2  | 34.6  | 52.0  |
| 151       | 85.1  | 69.6  | 104.4 |

Manual Integrations  
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8/1/2019 11:20:00 AM



#10

Methyl Iodide

Concen: 15.106 ug/l

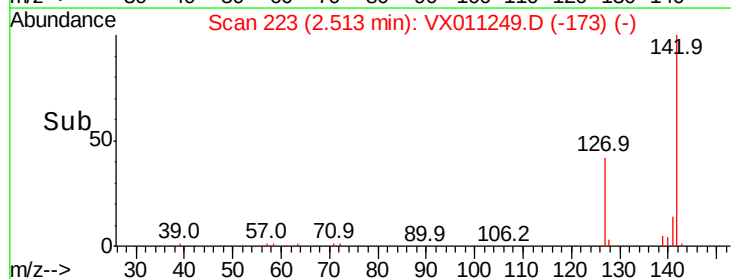
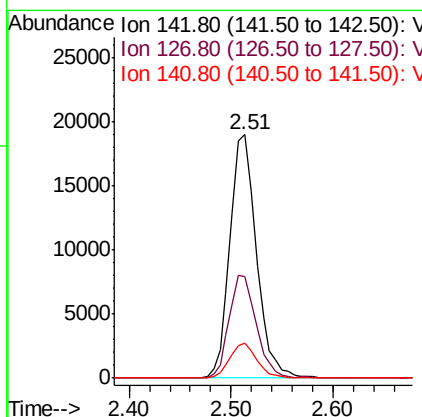
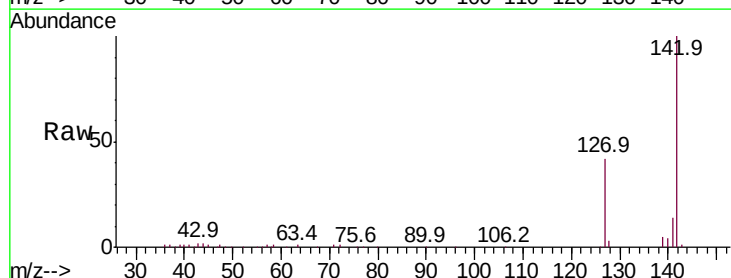
RT: 2.51 min Scan# 223

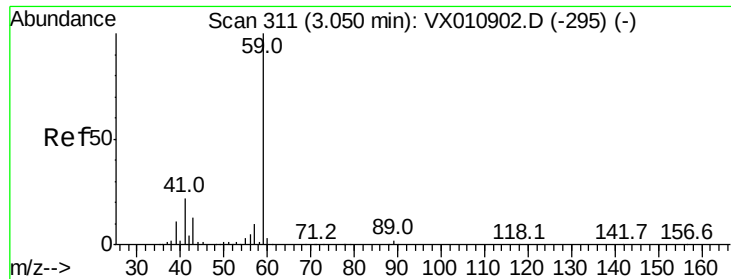
Delta R.T. 0.01 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 34274 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.4  | 34.2  | 51.4  |
| 141       | 14.7  | 11.7  | 17.5  |





#11

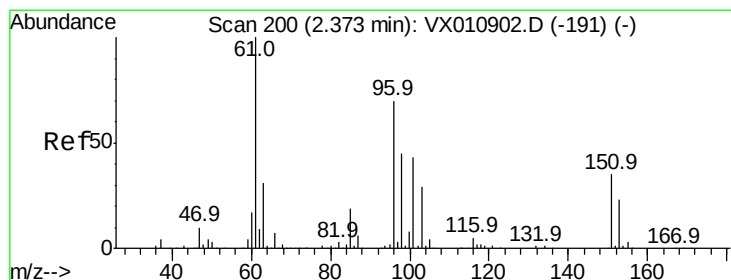
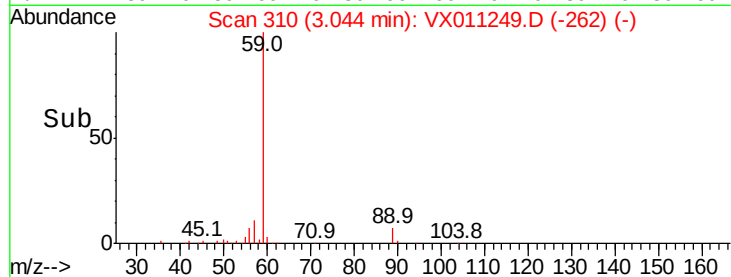
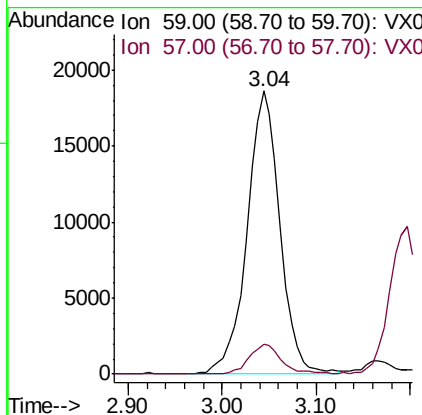
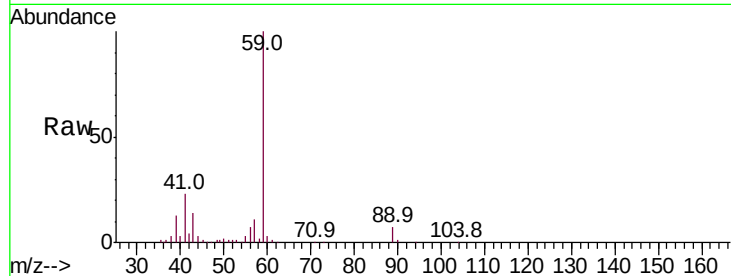
Tert butyl alcohol  
Concen: 96.330 ug/l  
RT: 3.04 min Scan# 310  
Delta R.T. -0.01 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.4  | 7.9   | 11.9  |

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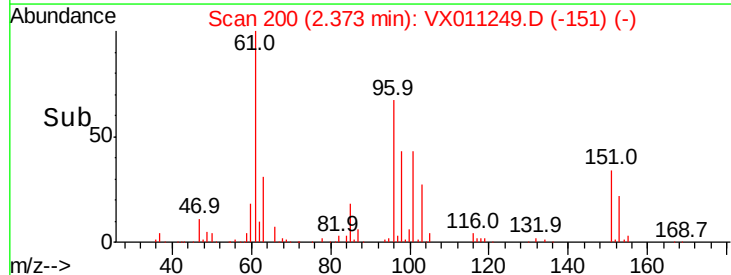
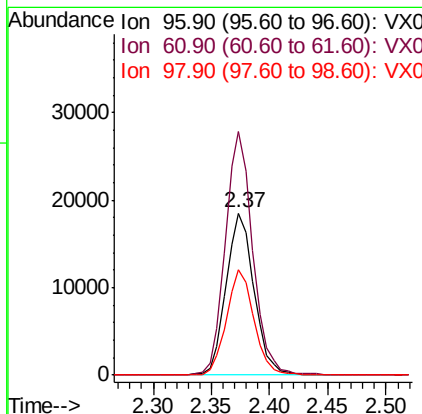
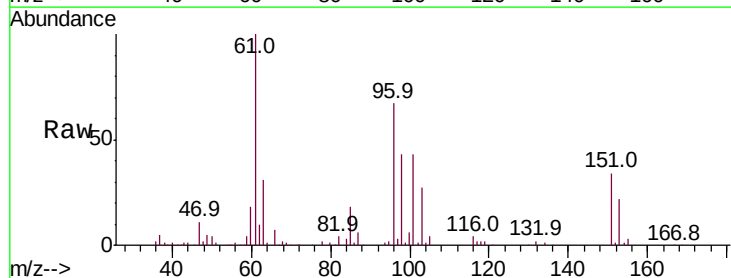
MMDadoda  
8/1/2019 11:20:00 AM

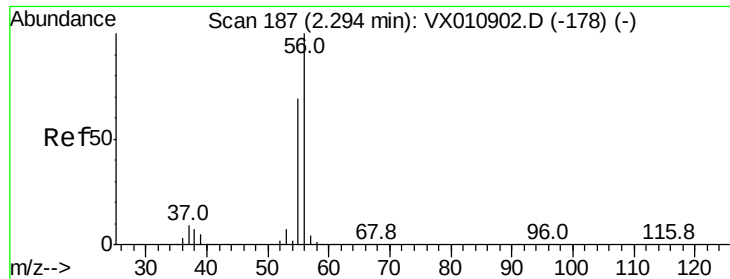


#12

1,1-Dichloroethene  
Concen: 18.146 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 150.0 | 115.0 | 172.4 |
| 98      | 64.9  | 52.2  | 78.2  |





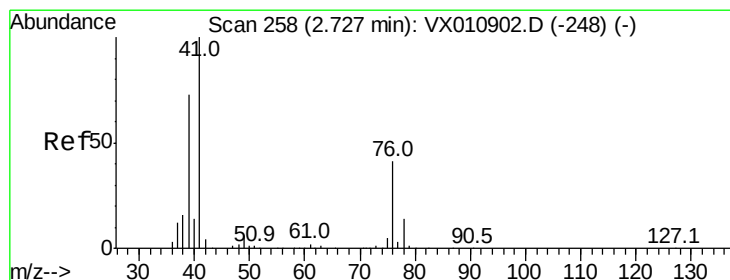
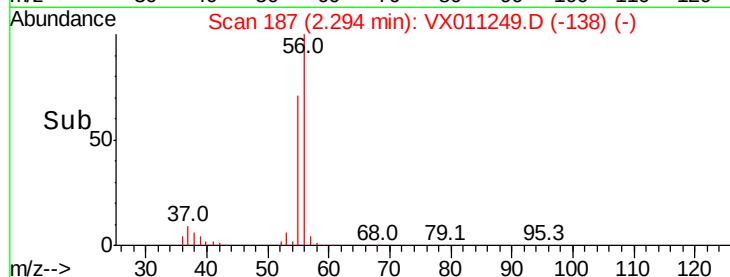
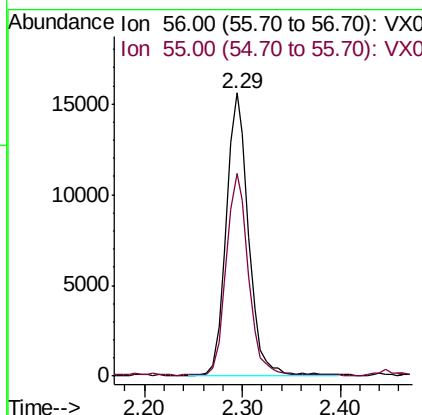
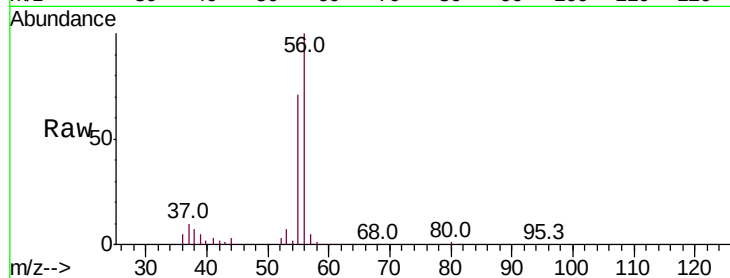
#13  
Acrolein  
Concen: 90.811 ug/l  
RT: 2.29 min Scan# 187  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

| Tot Ion   | 56    | Resp  | 24792 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 55        | 70.2  | 55.9  | 83.9  |

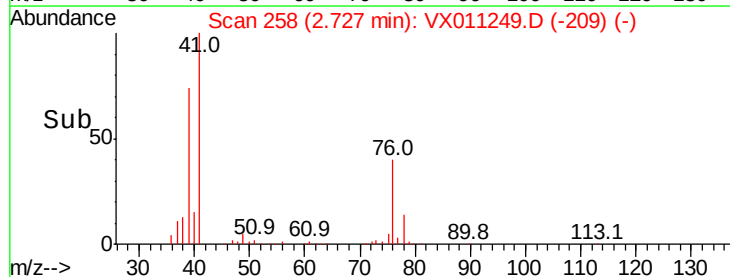
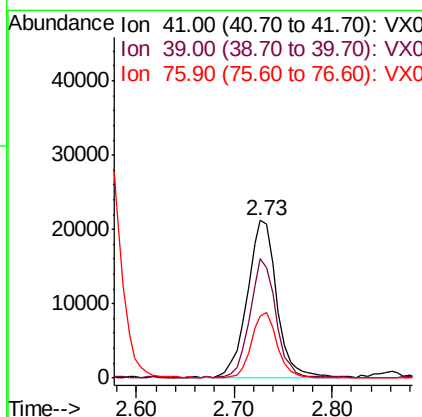
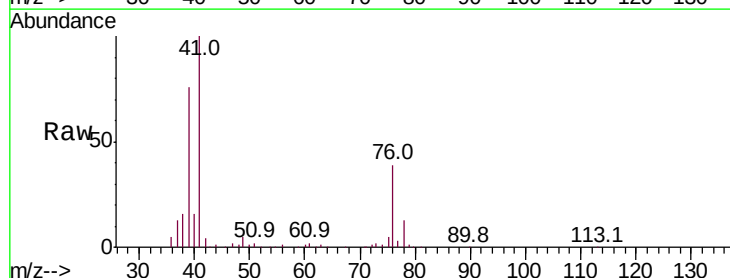
Manual Integrations  
APPROVED

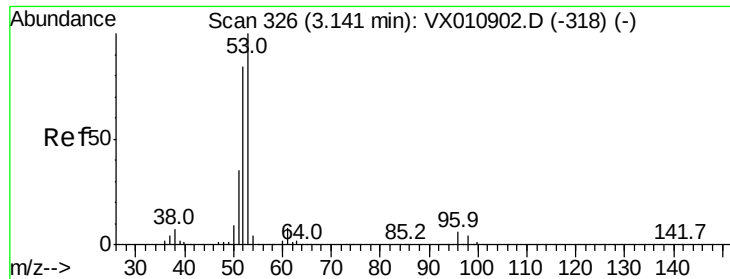
MMDadoda  
8/1/2019 11:20:00 AM



#14  
Allyl chloride  
Concen: 17.828 ug/l  
RT: 2.73 min Scan# 258  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion   | 41    | Resp  | 43991 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 69.1  | 53.6  | 80.4  |
| 76        | 36.6  | 29.7  | 44.5  |





#15

Acrylonitrile

Concen: 97.401 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

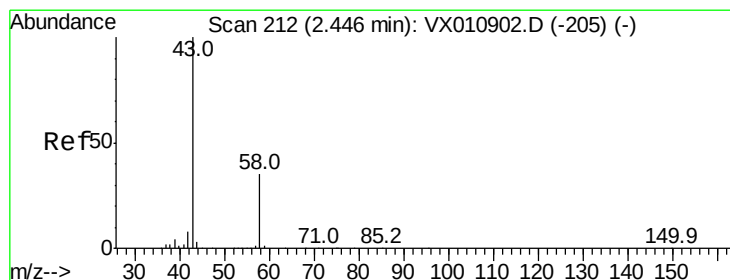
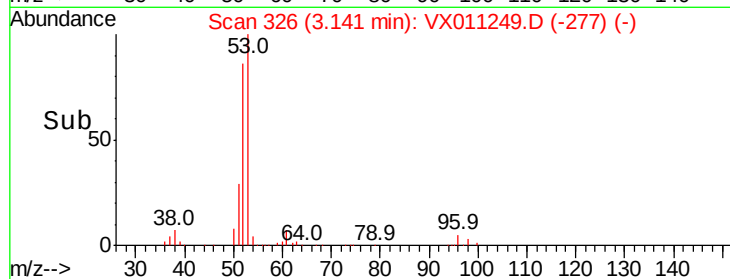
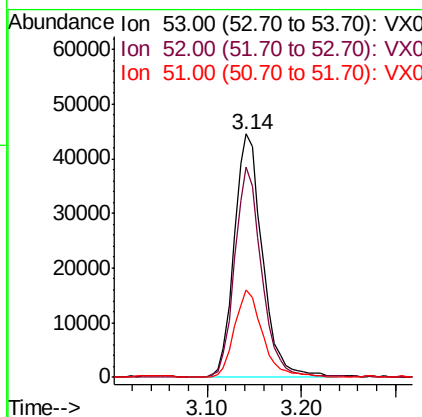
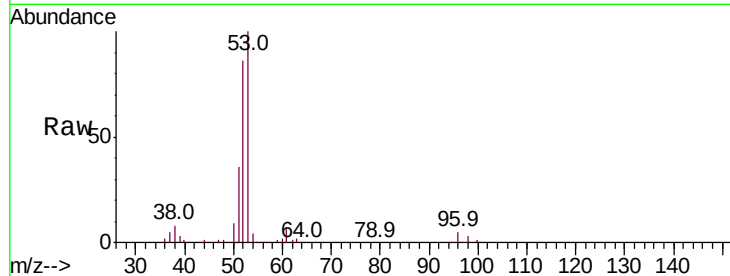
ClientSampleId :

VX0731WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 93001 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 82.6  | 66.5  | 99.7  |
| 51        | 36.0  | 28.2  | 42.4  |

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#16

Acetone

Concen: 97.536 ug/l

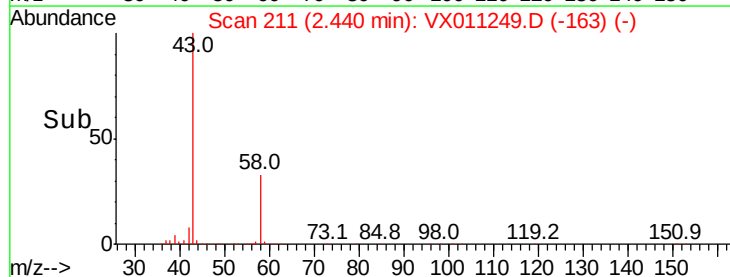
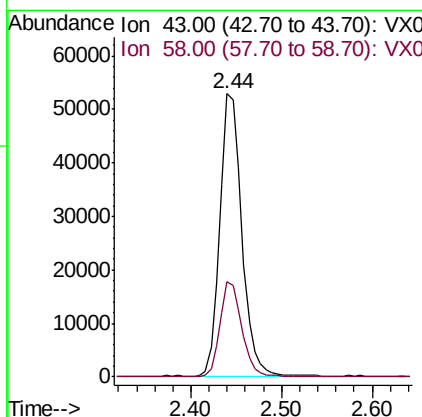
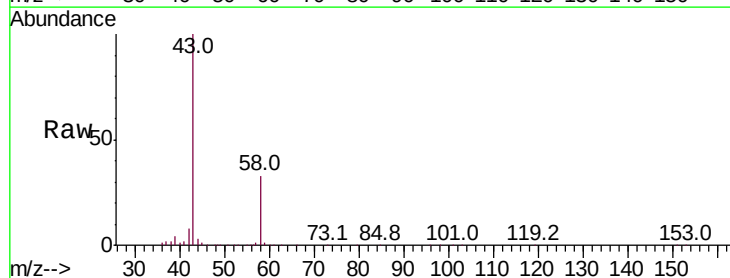
RT: 2.44 min Scan# 211

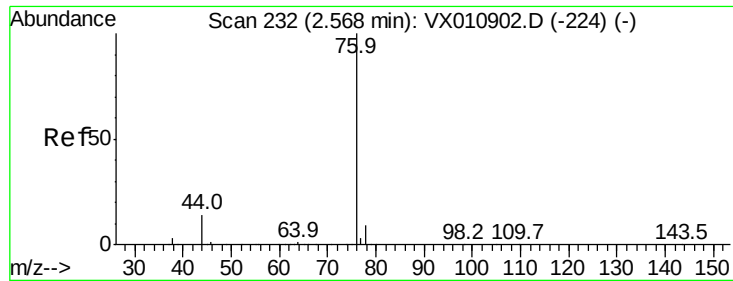
Delta R.T. -0.01 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 89379 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 33.4  | 27.7  | 41.5  |





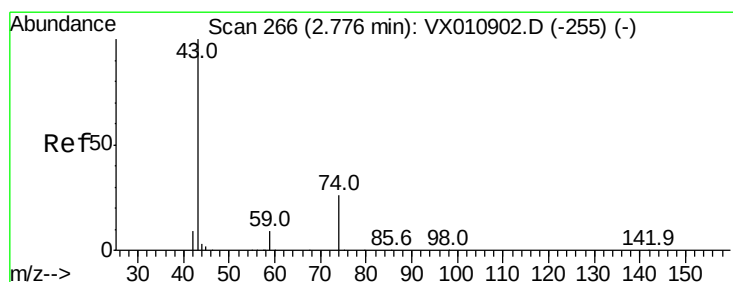
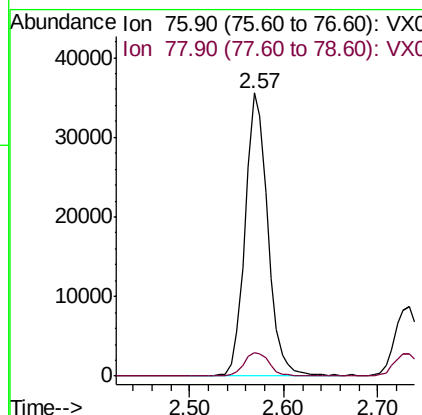
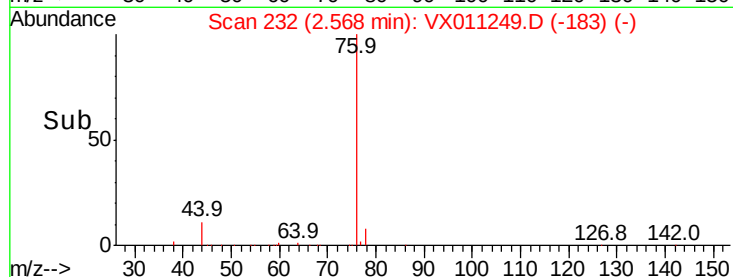
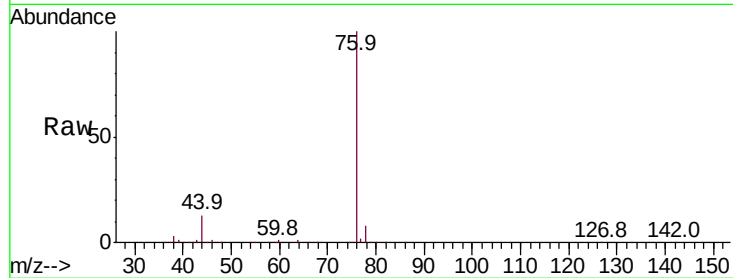
#17  
Carbon Disulfide  
Concen: 13.694 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.3   | 7.4   | 11.0  |

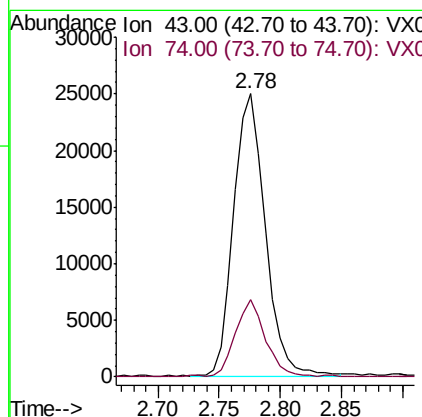
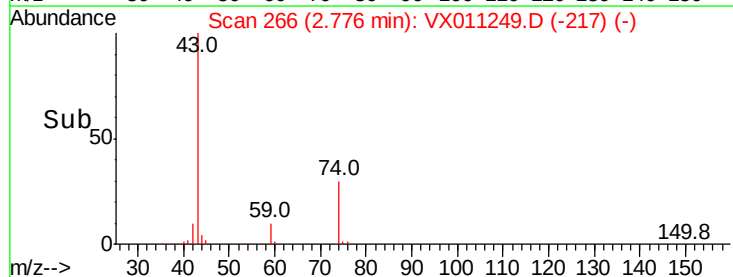
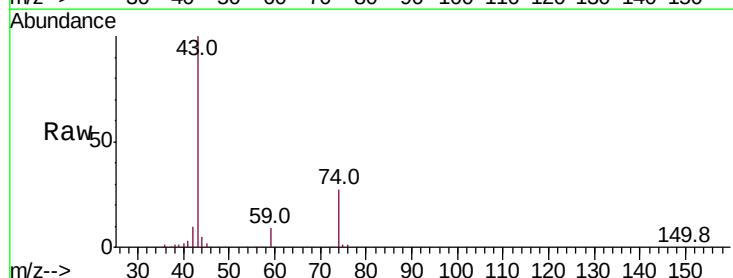
Manual Integrations  
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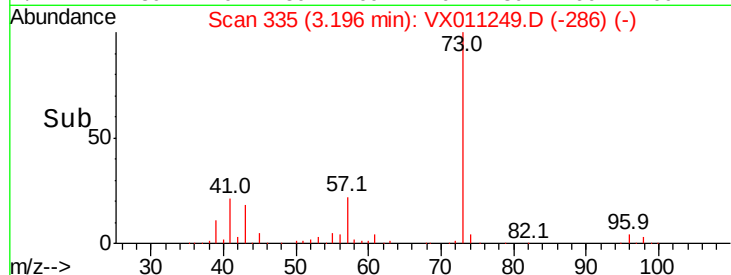
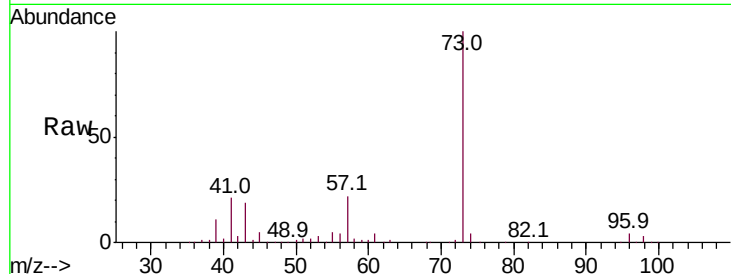
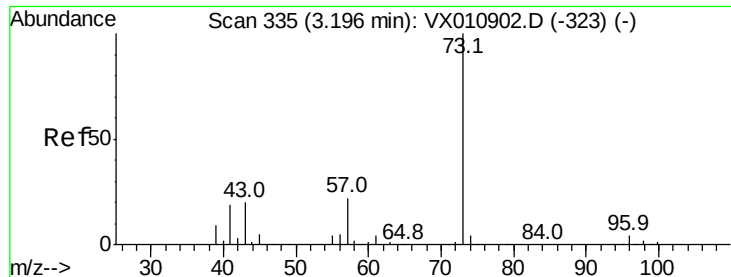
MMDadoda  
8/1/2019 11:20:00 AM



#18  
Methyl Acetate  
Concen: 21.441 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 26.2  | 21.5  | 32.3  |





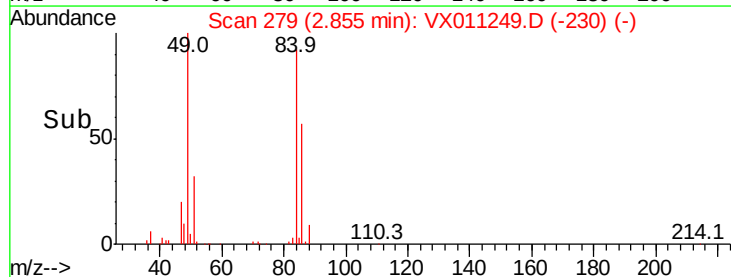
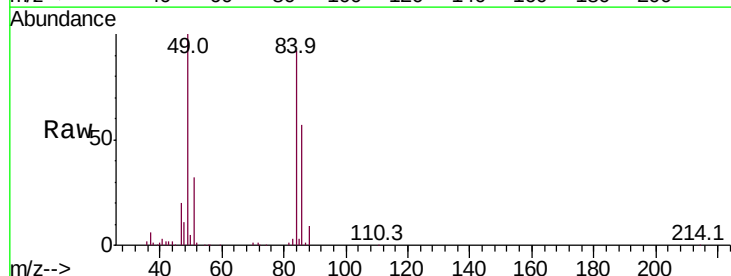
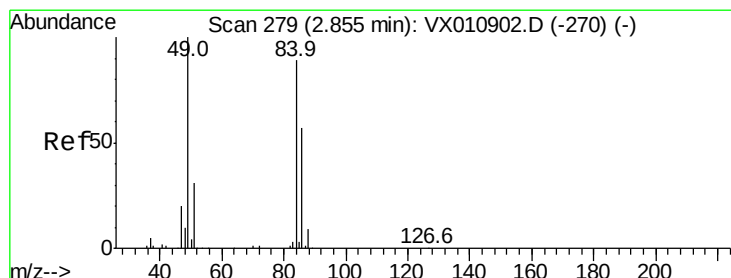
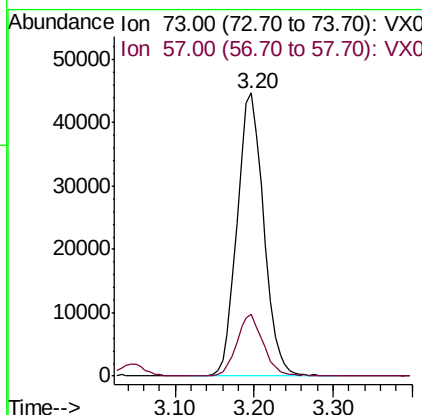
#19  
Methyl tert-butyl Ether  
Concen: 19.249 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Tot Ion: 73 Resp: 105268  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.3 25.9

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0731WBS01

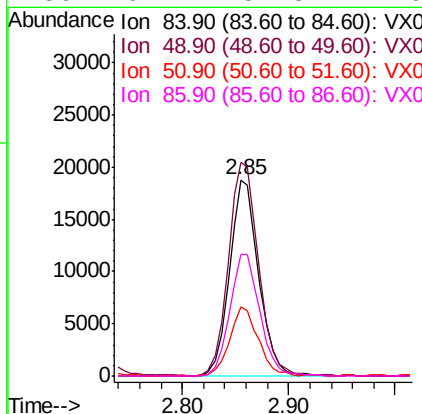
Manual Integrations  
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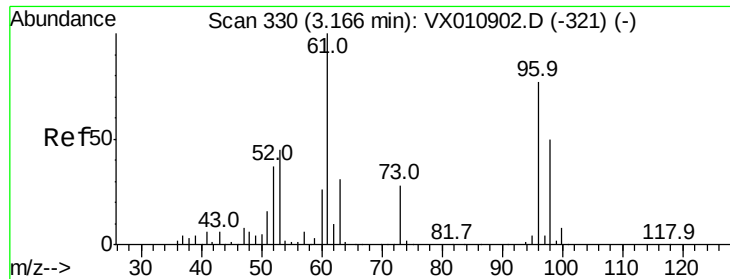
MMdadoda  
8/1/2019 11:20:00 AM



#20  
Methylene Chloride  
Concen: 18.547 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Tgt Ion: 84 Resp: 36018  
Ion Ratio Lower Upper  
84 100  
49 108.8 89.9 134.9  
51 34.9 27.8 41.6  
86 62.1 51.8 77.6





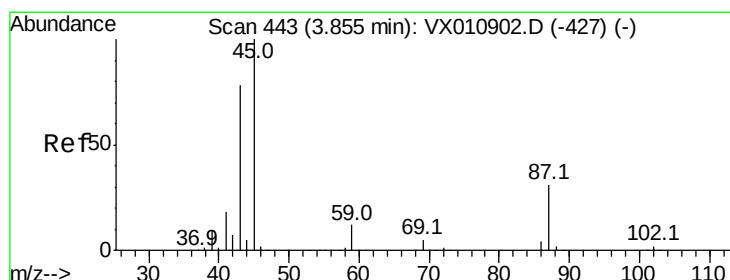
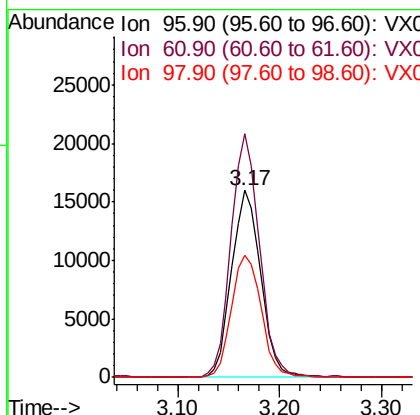
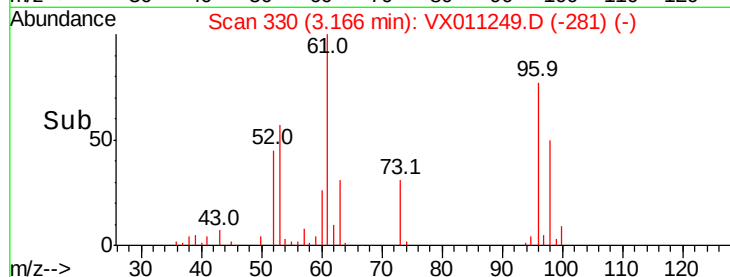
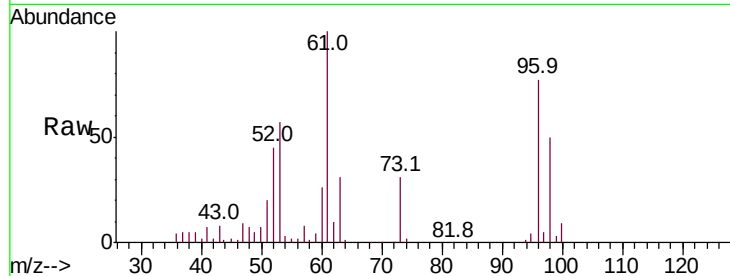
#21  
trans-1,2-Dichloroethene  
Concen: 17.554 ug/l  
RT: 3.17 min Scan# 330  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 130.2 | 104.2 | 156.2 |
| 98      | 65.0  | 52.2  | 78.4  |

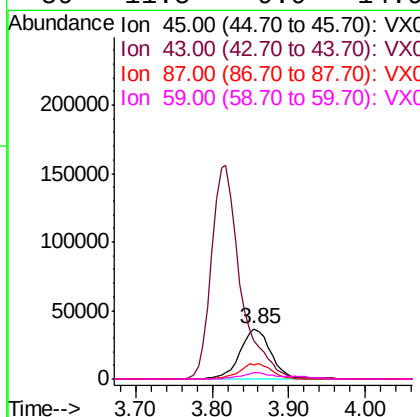
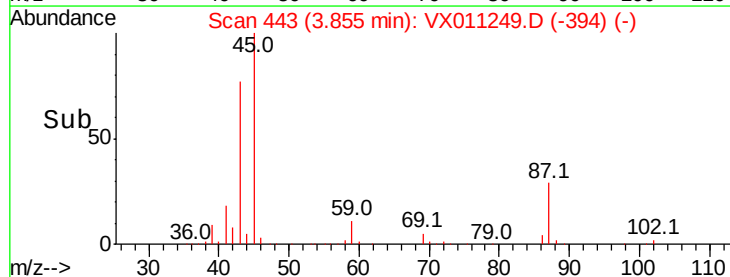
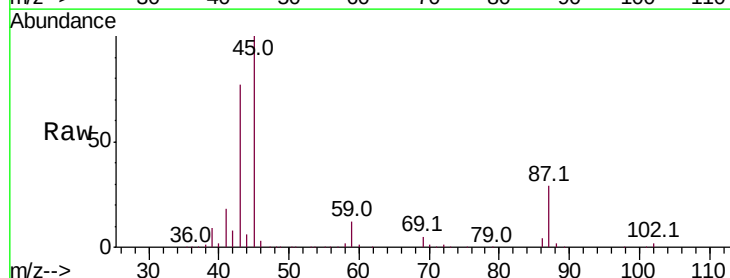
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8/1/2019 11:20:00 AM

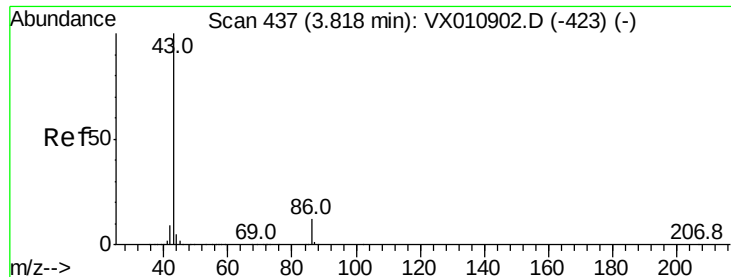


#22  
Diisopropyl ether  
Concen: 19.536 ug/l  
RT: 3.85 min Scan# 443  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 76.4  | 62.3  | 93.5  |
| 87      | 29.3  | 25.0  | 37.4  |
| 59      | 11.5  | 9.9   | 14.9  |







#23

Vinyl Acetate

Concen: 93.439 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

ClientSampled :

VX0731WBS01

Tot Ion: 43 Resp: 412019

Ion Ratio Lower Upper

43 100

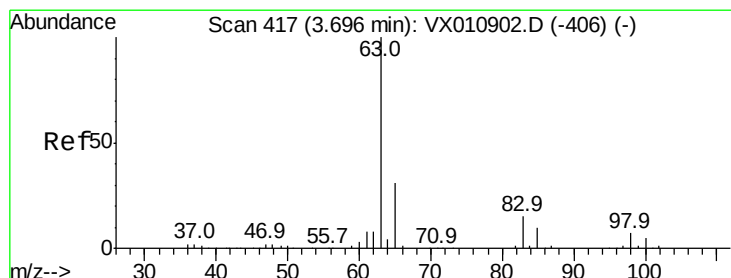
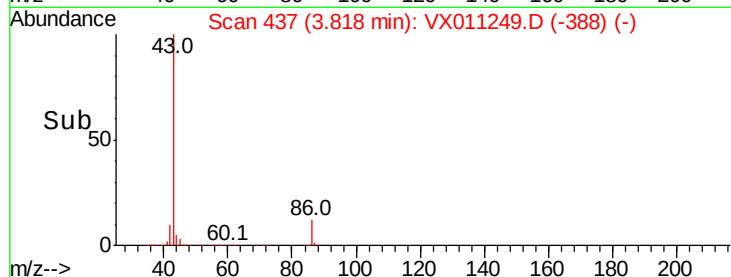
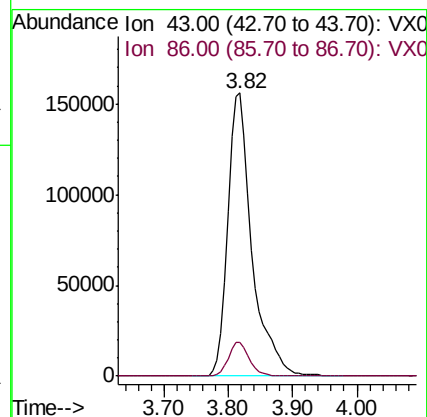
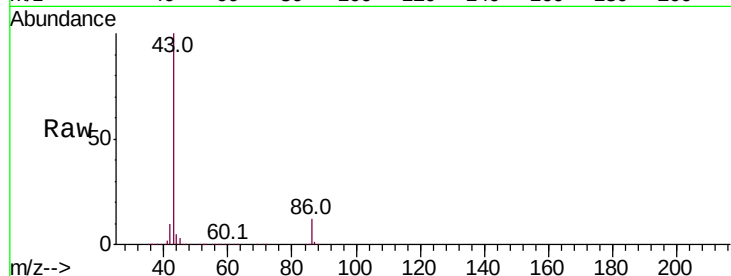
86 11.8 9.4 14.0

Manual Integrations

APPROVED

MMdadoda

8/1/2019 11:20:00 AM



#24

1,1-Dichloroethane

Concen: 19.025 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

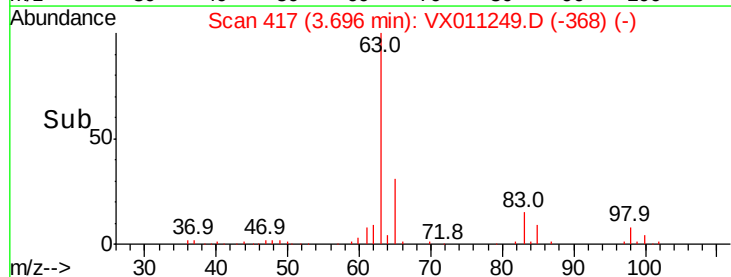
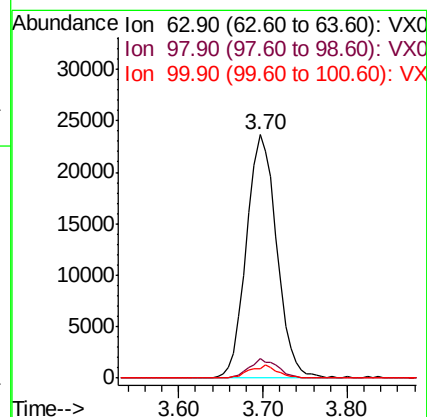
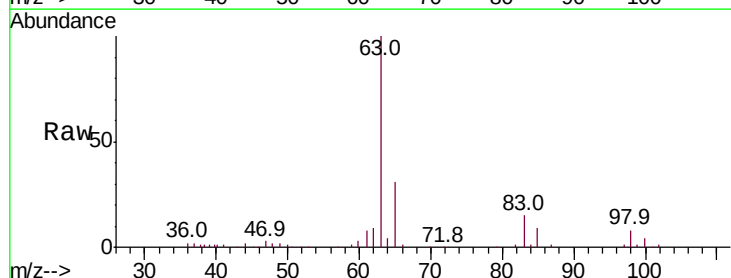
Tgt Ion: 63 Resp: 57500

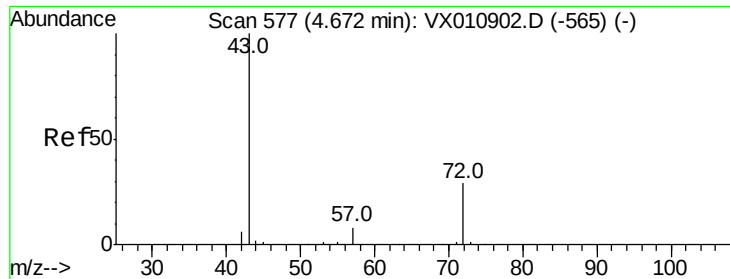
Ion Ratio Lower Upper

63 100

98 8.2 3.6 10.9

100 3.7 2.4 7.2





#25

2-Butanone

Concen: 98.870 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

ClientSampled :

VX0731WBS01

Tot Ion: 43 Resp: 130057

Ion Ratio Lower Upper

43 100

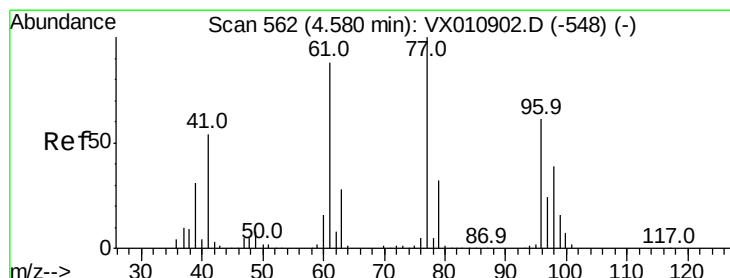
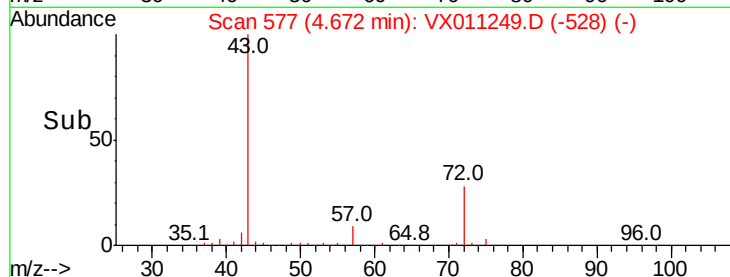
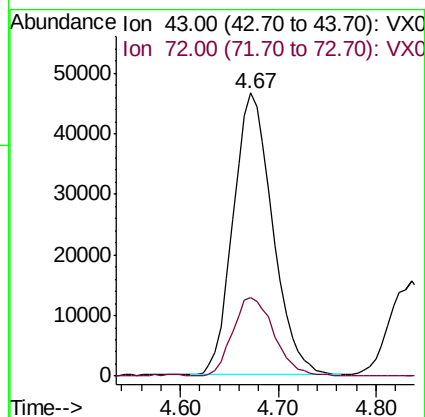
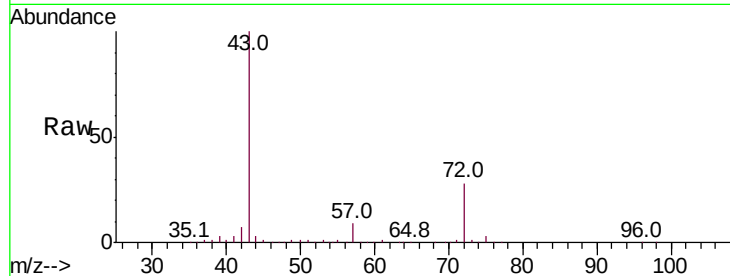
72 27.4 23.0 34.6

Manual Integrations

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MMdadoda

8/1/2019 11:20:00 AM



#26

2,2-Dichloropropane

Concen: 18.624 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011249.D

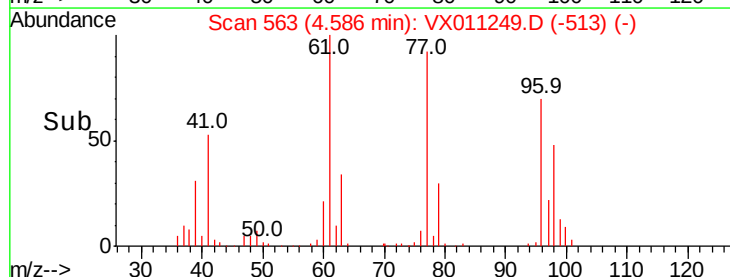
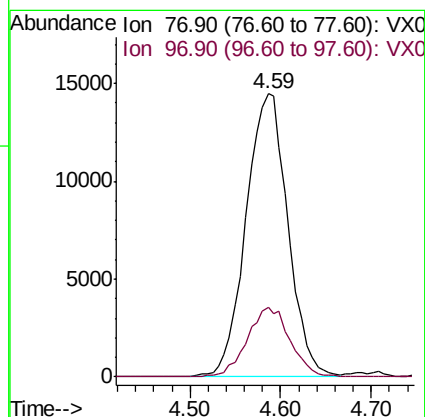
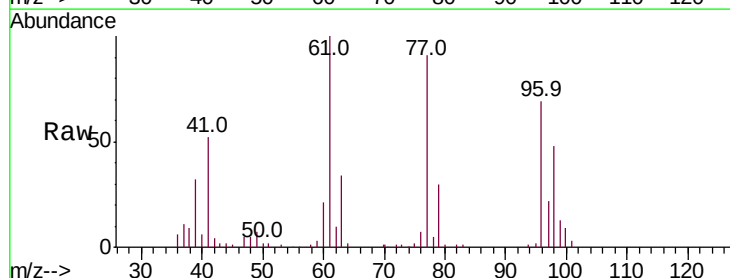
Acq: 31 Jul 2019 17:40

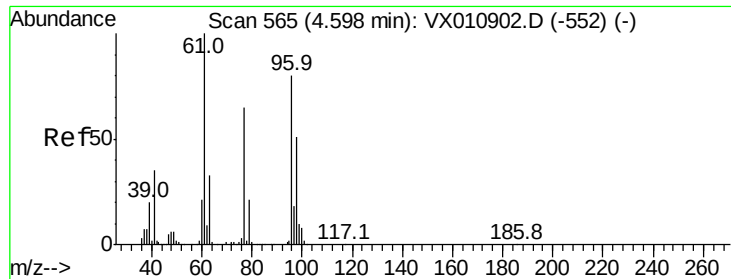
Tgt Ion: 77 Resp: 46218

Ion Ratio Lower Upper

77 100

97 25.0 12.6 37.6





#27

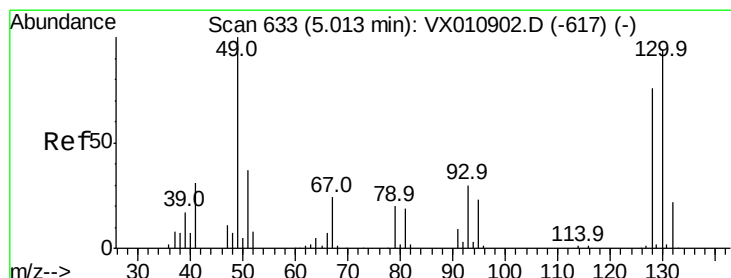
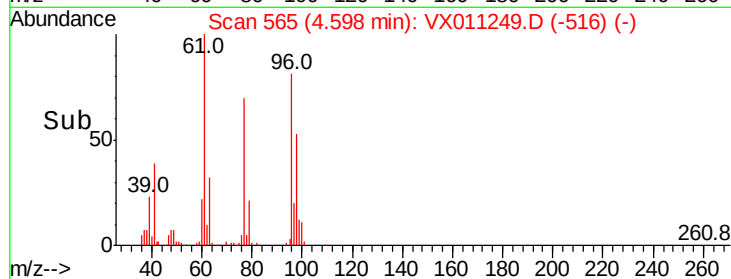
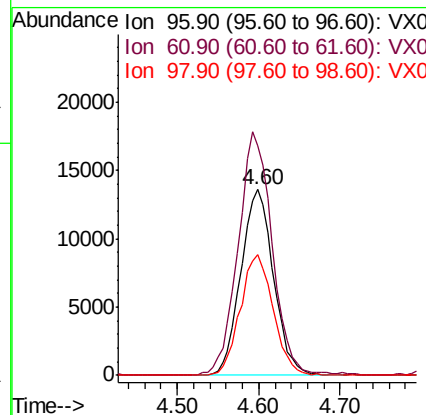
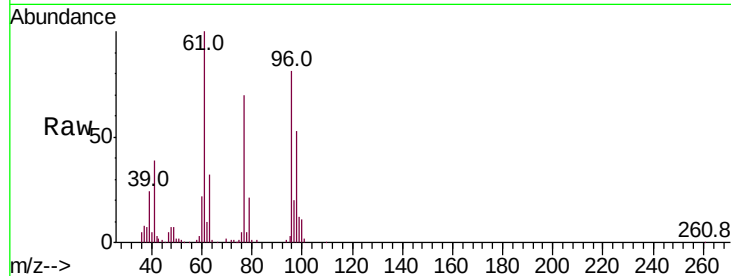
cis-1,2-Dichloroethene  
Concen: 18.164 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 136.3 | 0.0   | 269.0 |
| 98      | 65.3  | 0.0   | 131.4 |

Manual Integrations  
APPROVED

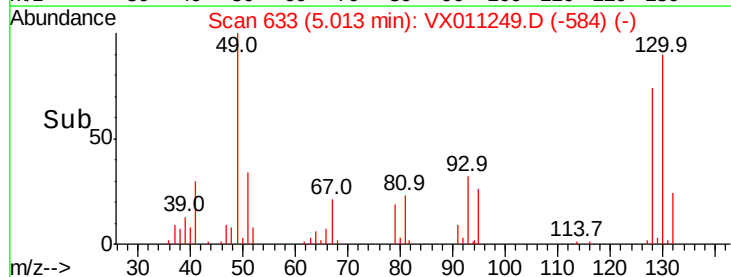
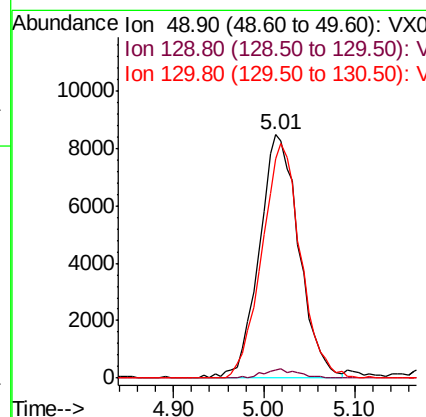
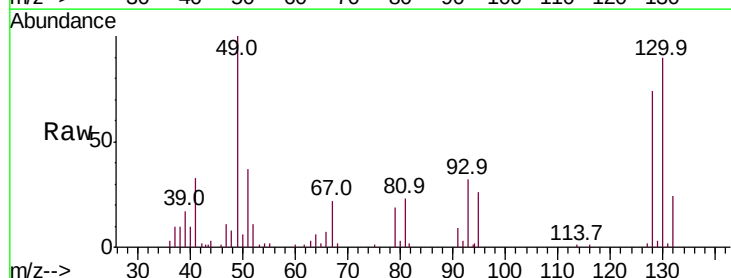
MMdadoda  
8/1/2019 11:20:00 AM

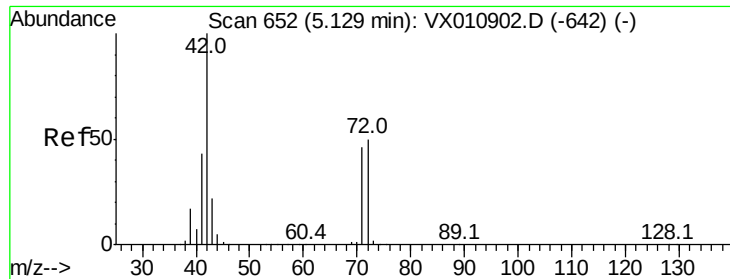


#28

Bromochloromethane  
Concen: 18.045 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 3.3   | 0.0   | 5.2   |
| 130     | 93.9  | 76.9  | 115.3 |





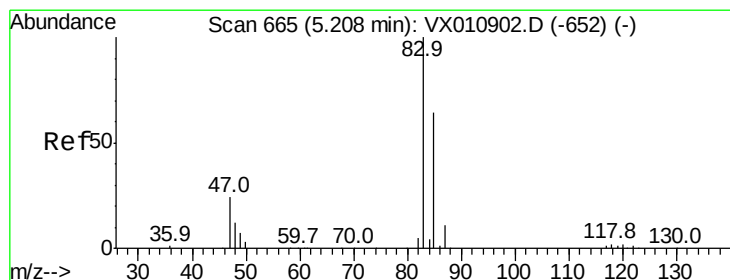
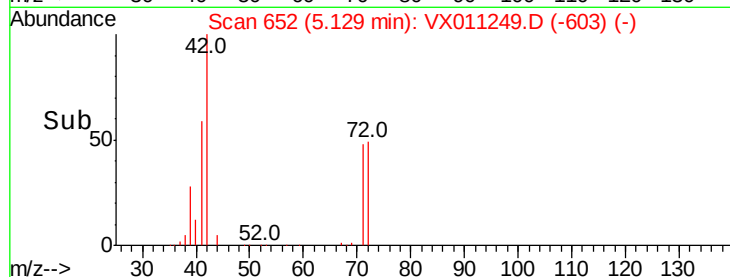
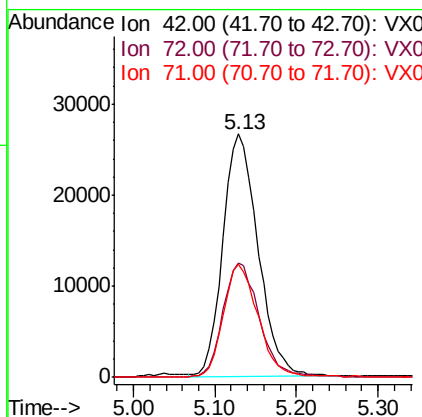
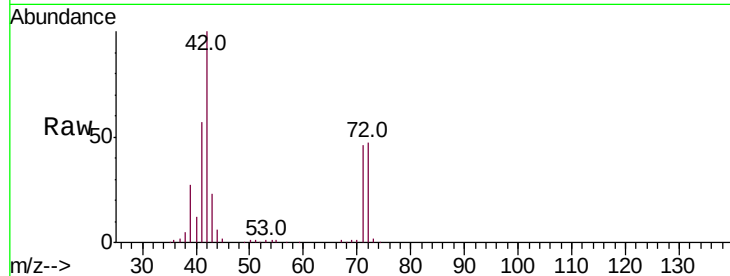
#29  
Tetrahydrofuran  
Concen: 95.427 ug/l  
RT: 5.13 min Scan# 652  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 49.2  | 39.8  | 59.8  |
| 71      | 46.0  | 37.0  | 55.4  |

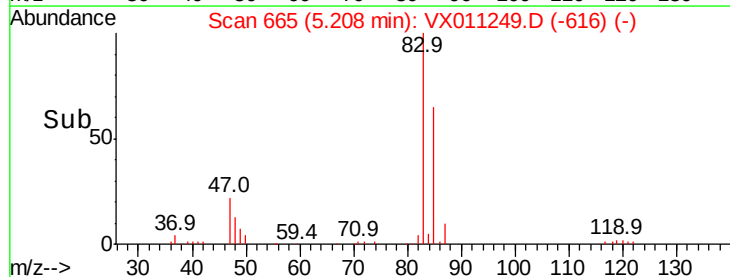
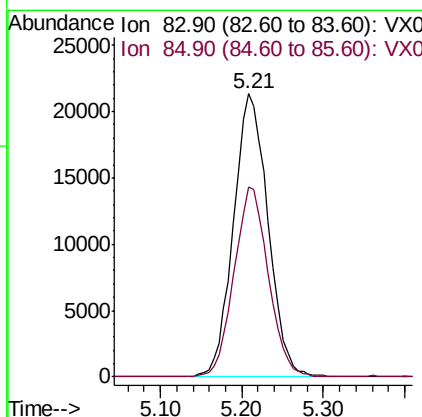
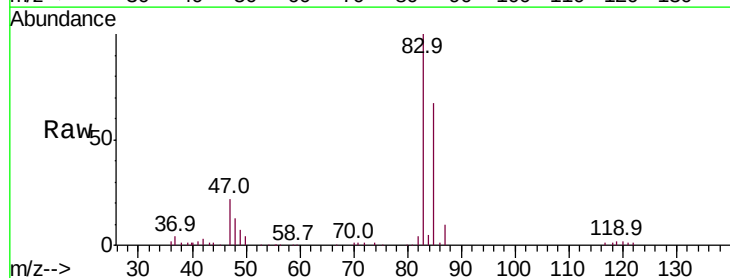
Manual Integrations  
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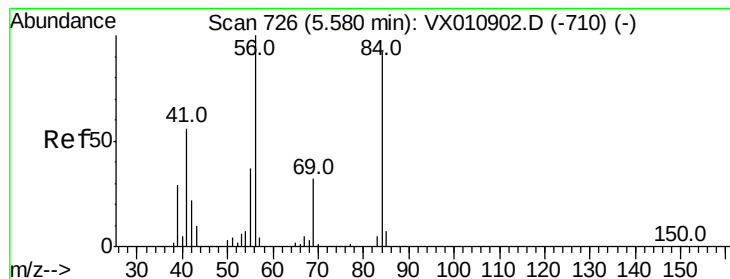
MMdadoda  
8/1/2019 11:20:00 AM



#30  
Chloroform  
Concen: 19.143 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.7  | 51.4  | 77.0  |





#31

Cyclohexane

Concen: 17.279 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

VX0731WBS01

Tot Ion: 56 Resp: 47601

Ion Ratio Lower Upper

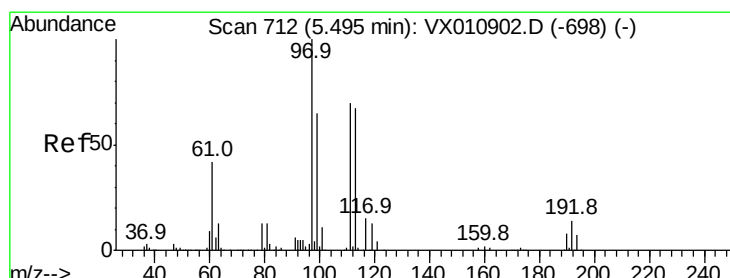
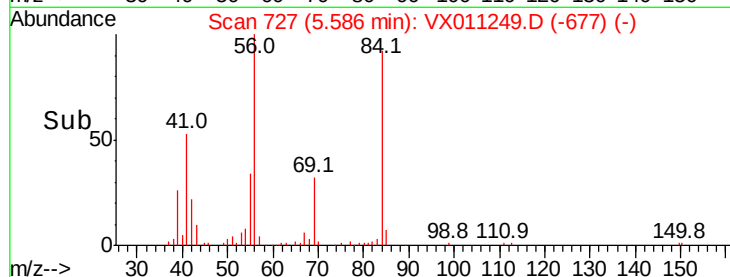
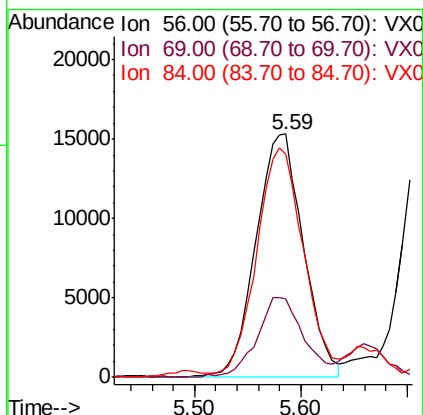
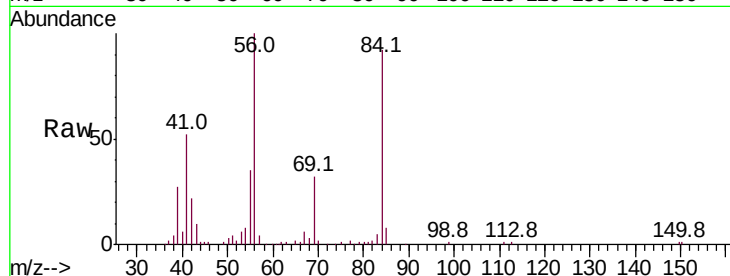
56 100

69 32.4 25.8 38.8

84 89.1 73.8 110.6

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8/1/2019 11:20:00 AM



#32

1,1,1-Trichloroethane

Concen: 19.042 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

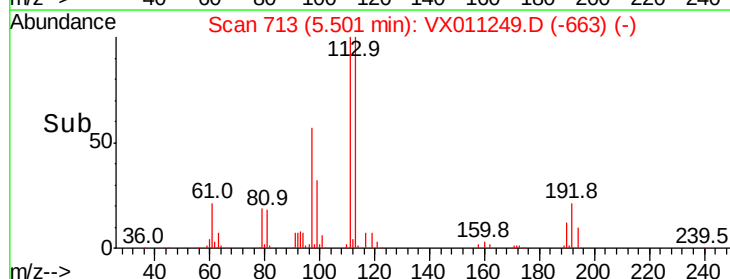
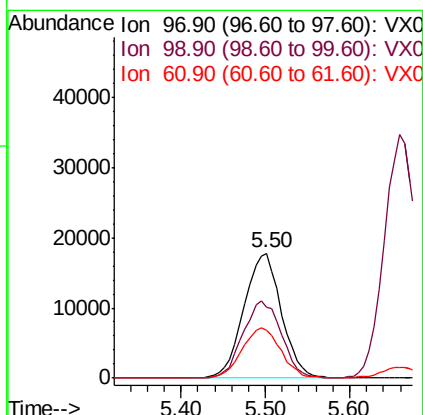
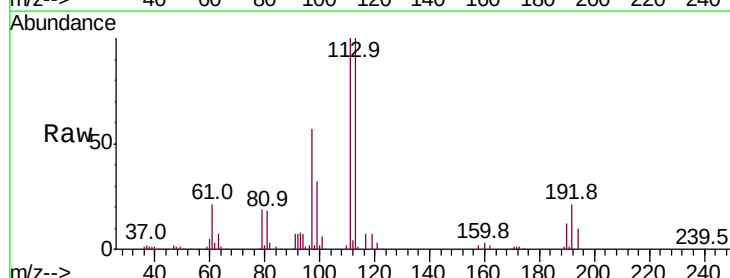
Tgt Ion: 97 Resp: 53820

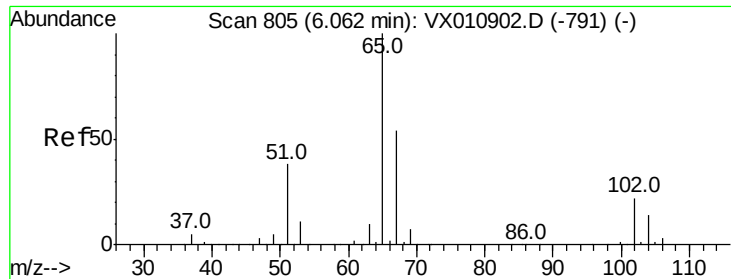
Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.0

61 41.7 33.0 49.6





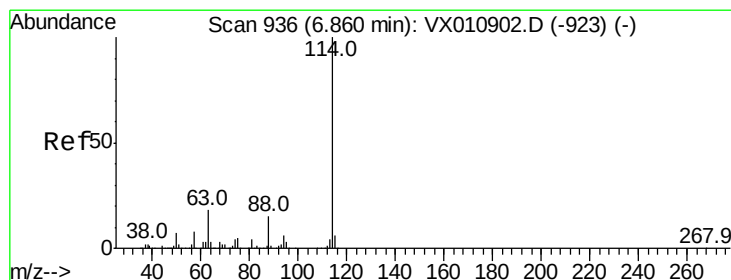
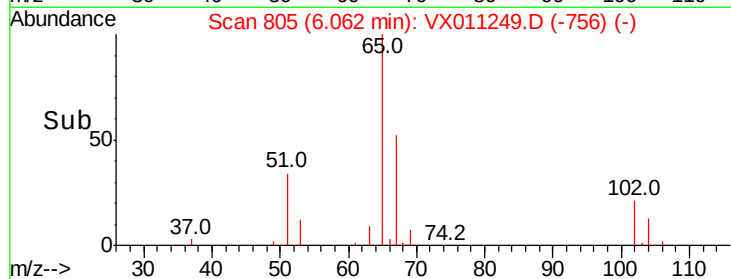
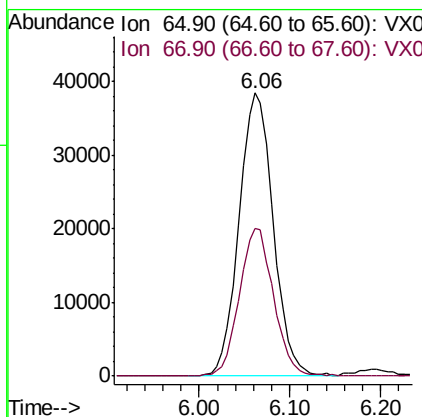
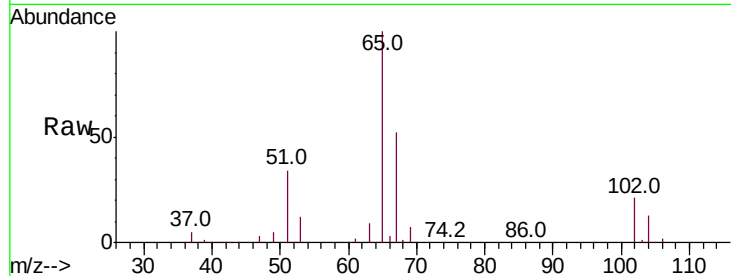
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.612 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.2  | 0.0   | 107.8 |

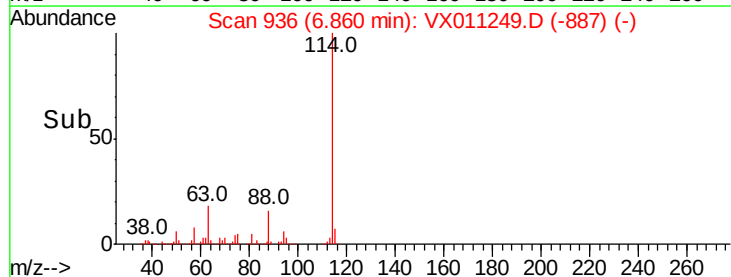
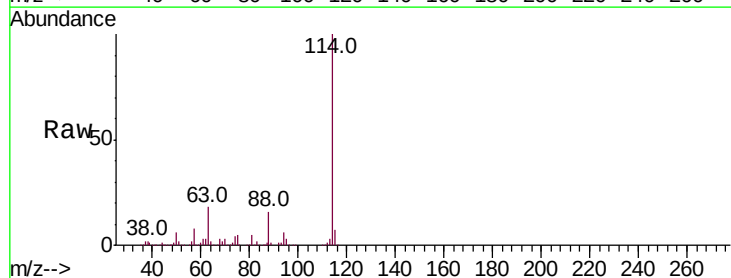
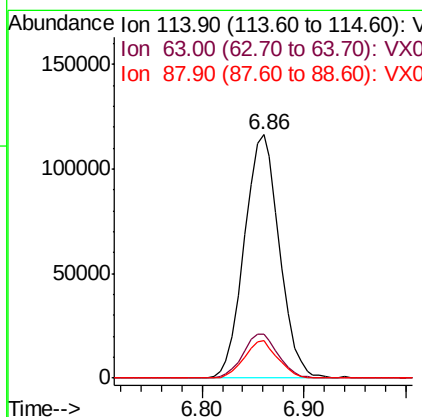
Manual Integrations  
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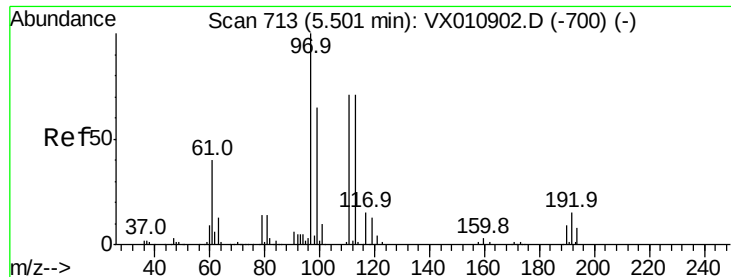
MMDadoda  
 8/1/2019 11:20:00 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 17.8  | 0.0   | 35.6  |
| 88      | 15.5  | 0.0   | 29.8  |





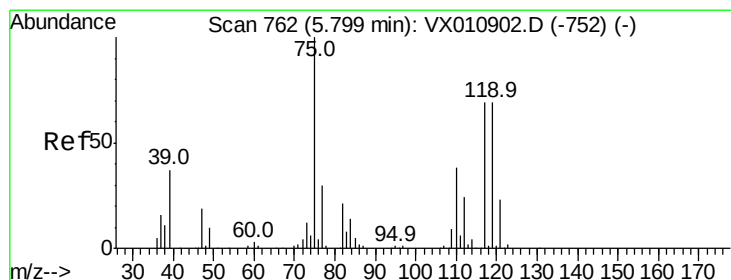
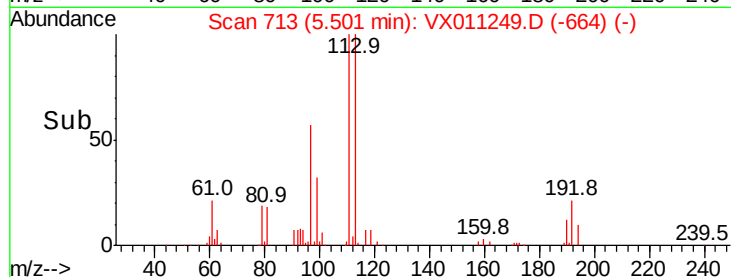
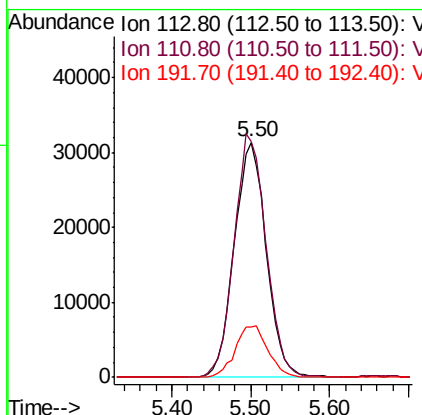
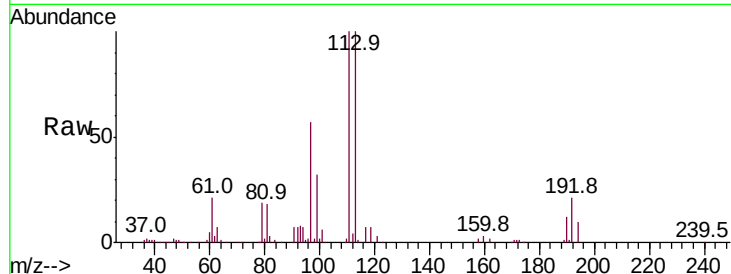
#35  
 Dibromofluoromethane  
 Concen: 50.393 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.1 | 82.3  | 123.5 |
| 192     | 22.5  | 17.4  | 26.2  |

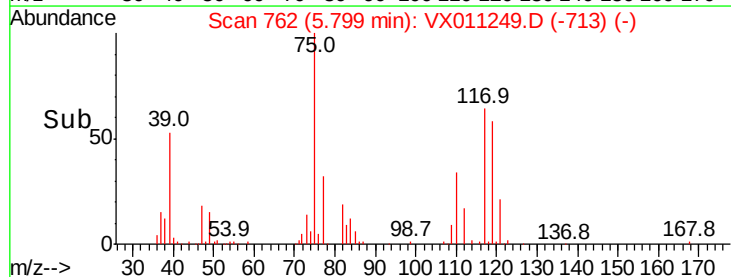
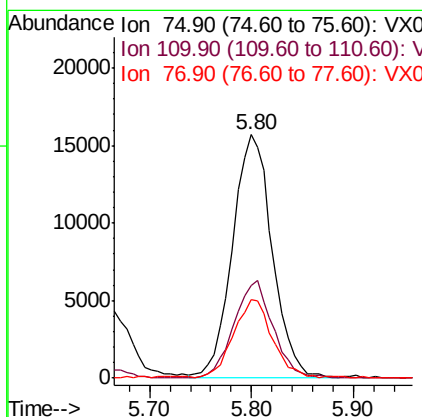
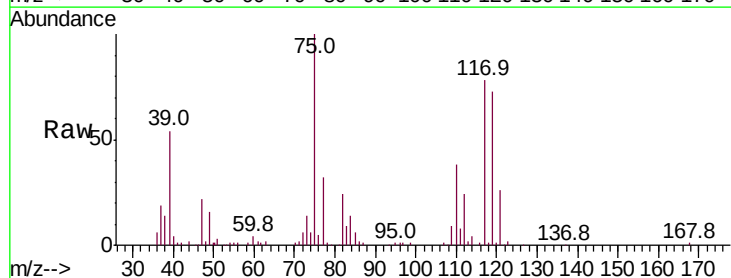
Manual Integrations  
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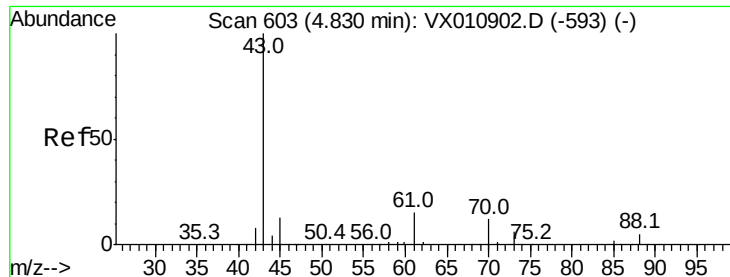
MMDadoda  
 8/1/2019 11:20:00 AM



#36  
 1,1-Dichloropropene  
 Concen: 18.432 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 39.5  | 19.9  | 59.7  |
| 77      | 31.8  | 25.0  | 37.4  |





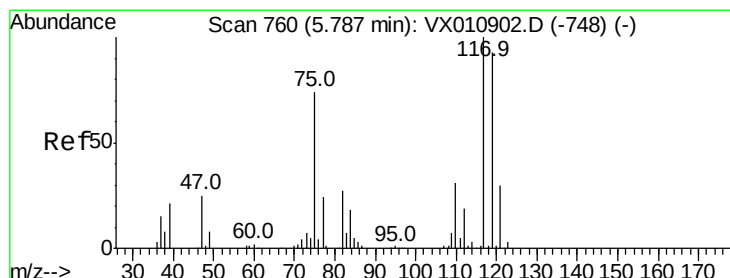
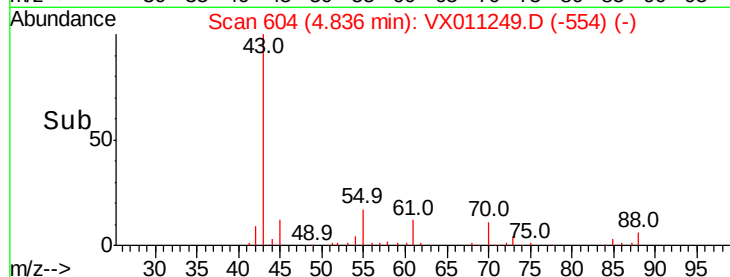
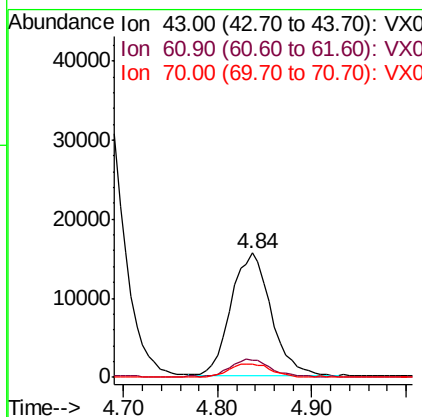
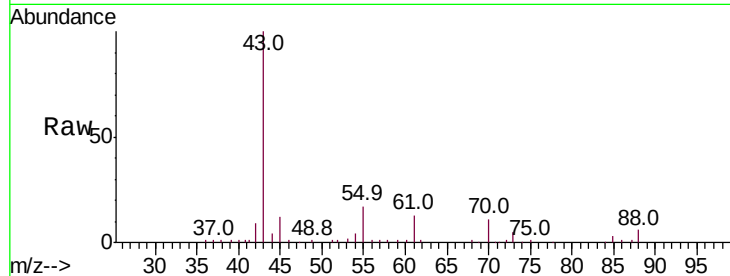
#37  
Ethyl Acetate  
Concen: 19.489 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. 0.01 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0731WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 45551 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.3  | 11.6  | 17.4  |
| 70       | 11.8  | 9.1   | 13.7  |

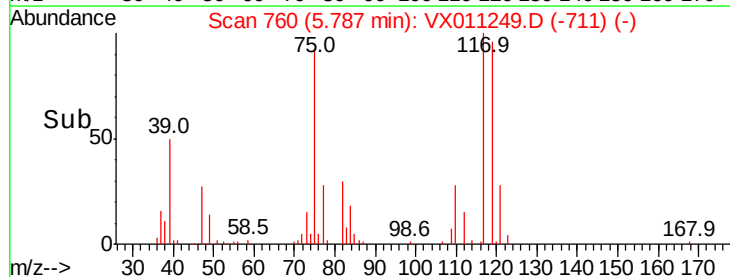
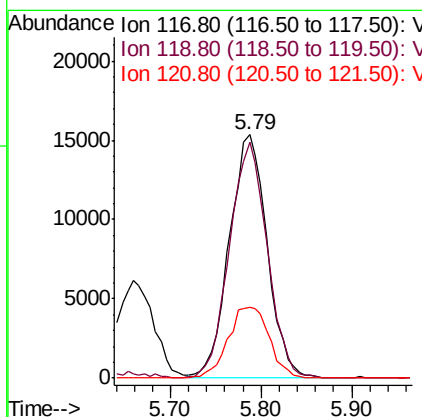
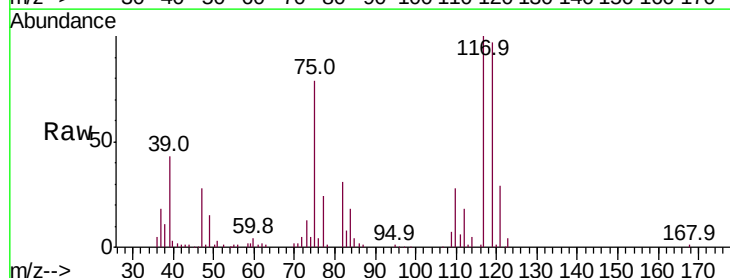
Manual Integrations  
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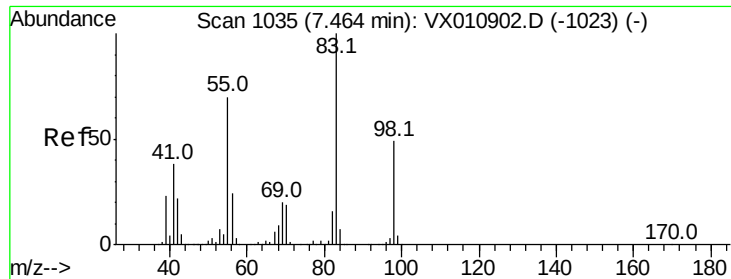


#38  
Carbon Tetrachloride  
Concen: 18.612 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 44269 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.6  | 74.2  | 111.2 |
| 121      | 29.0  | 24.2  | 36.2  |







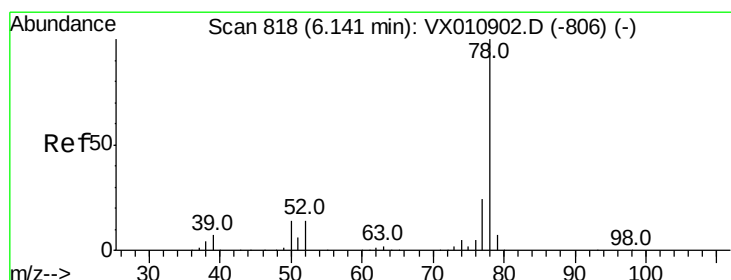
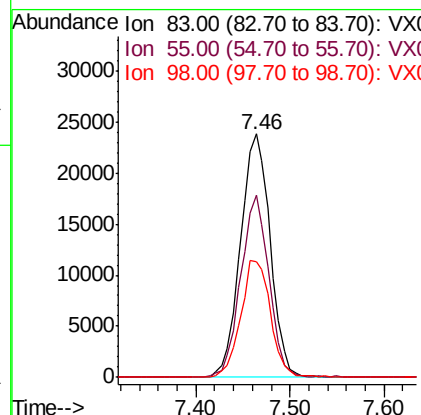
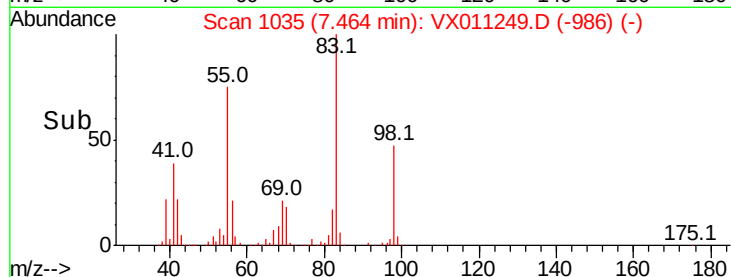
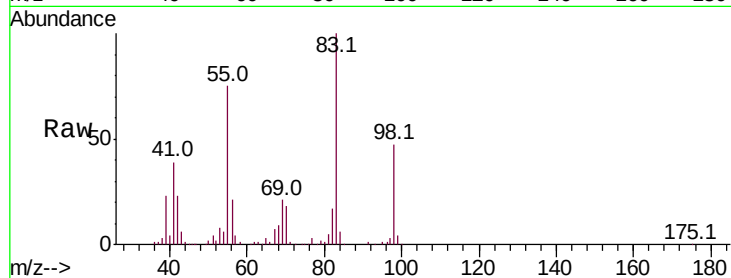
#39  
Methylvlcyclohexane  
Concen: 17.713 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 74.8  | 56.2  | 84.4  |
| 98      | 47.4  | 39.0  | 58.4  |

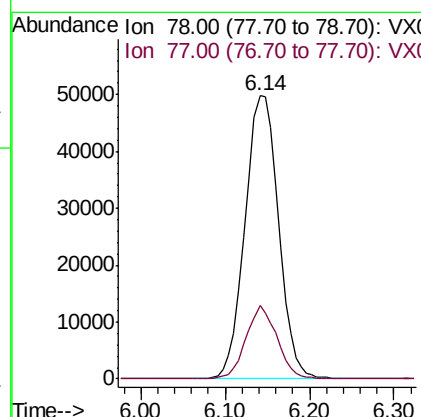
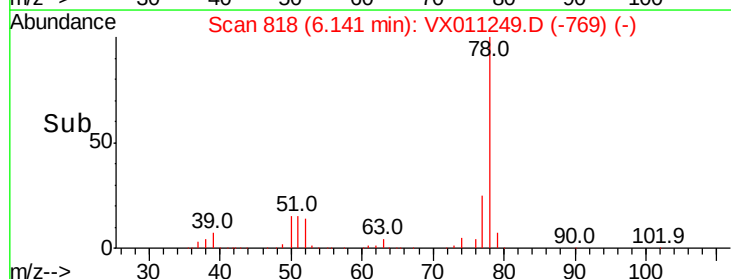
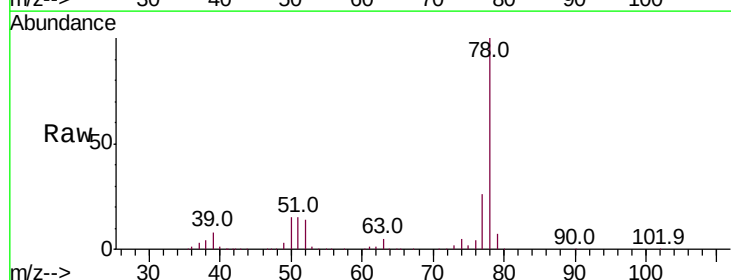
Manual Integrations  
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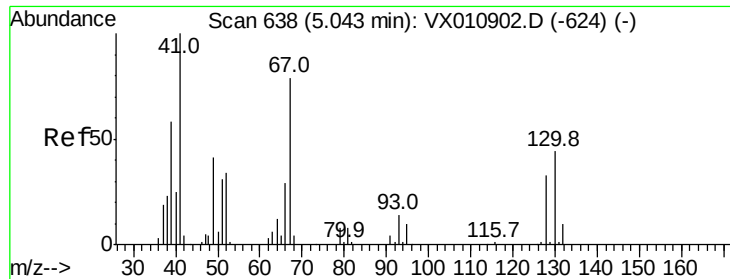
MMDadoda  
8/1/2019 11:20:00 AM



#40  
Benzene  
Concen: 19.200 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 26.1  | 19.0  | 28.6  |





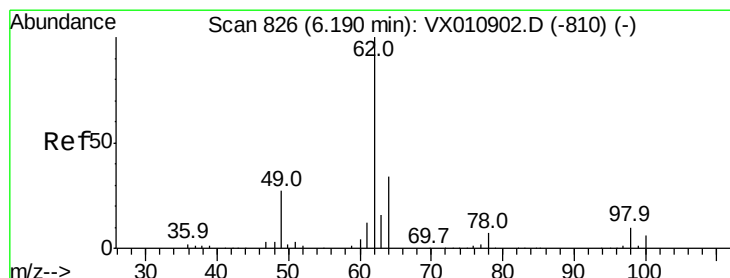
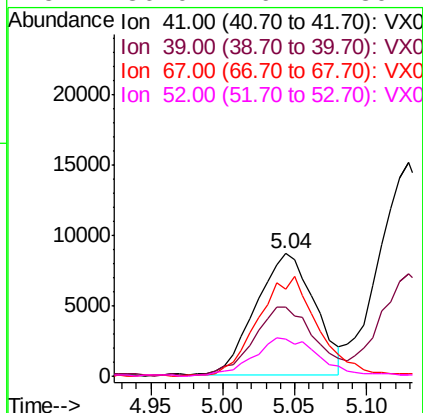
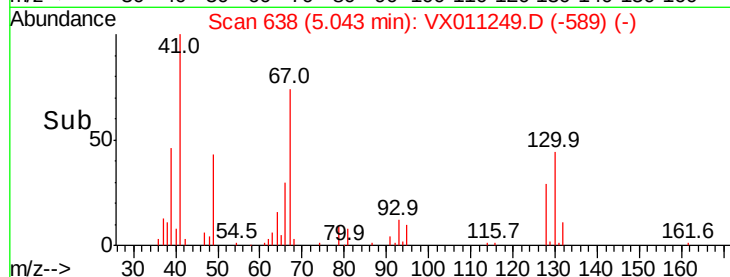
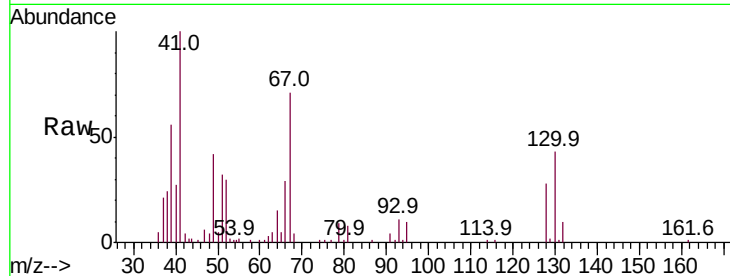
#41  
Methacrylonitrile  
Concen: 18.455 ug/l  
RT: 5.04 min Scan# 638  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0731WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 59.1 | 45.4  | 68.2  |       |
| 67      | 85.5 | 65.9  | 98.9  |       |
| 52      | 36.0 | 26.2  | 39.2  |       |

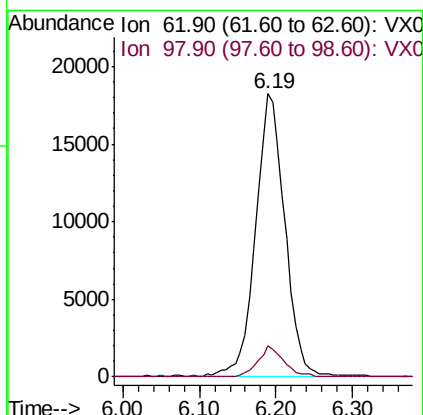
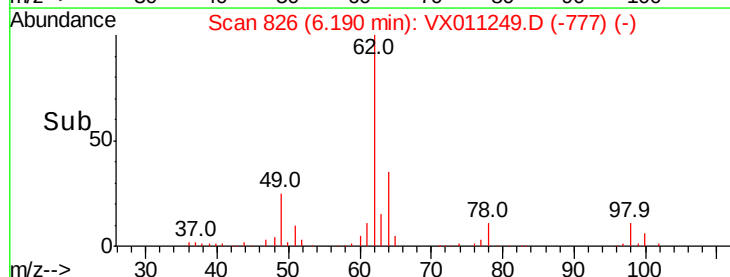
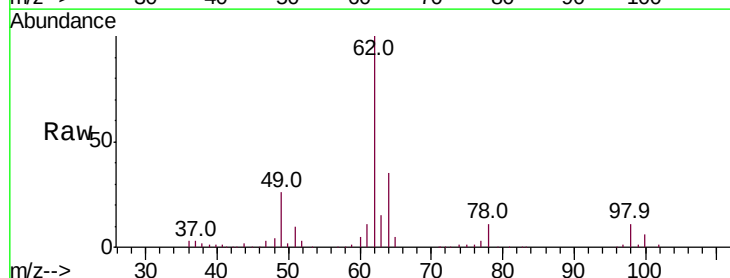
Manual Integrations  
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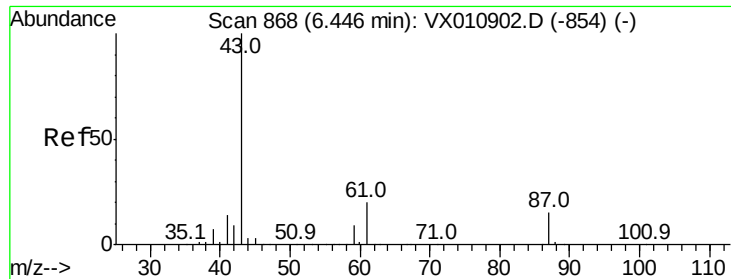
MMdadoda  
8/1/2019 11:20:00 AM



#42  
1,2-Dichloroethane  
Concen: 20.136 ug/l  
RT: 6.19 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.5 | 0.0   | 20.0  |       |





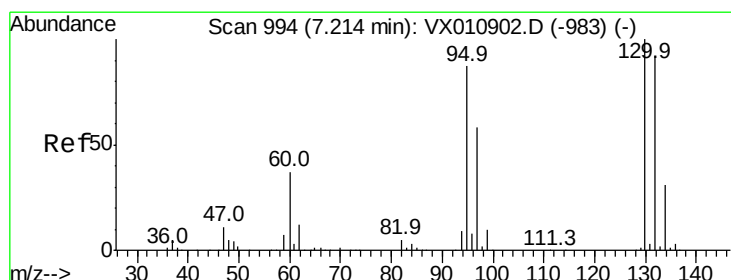
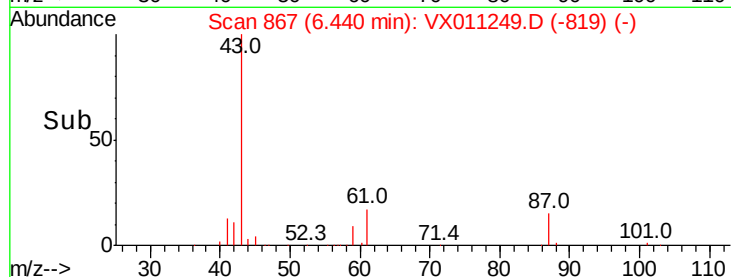
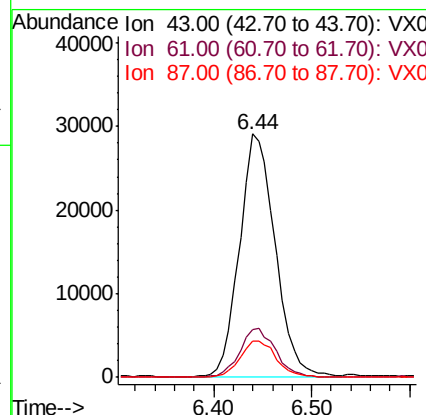
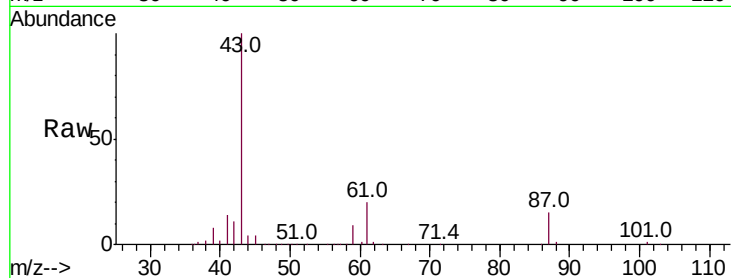
#43  
Isopropyl Acetate  
Concen: 19.022 ug/l  
RT: 6.44 min Scan# 867  
Delta R.T. -0.01 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

| Tot Ion | 43  | 61   | 87   |
|---------|-----|------|------|
| Ion     | 43  | 61   | 87   |
| Ratio   | 100 | 20.4 | 15.4 |
| Lower   |     | 17.1 | 12.0 |
| Upper   |     | 25.7 | 18.0 |

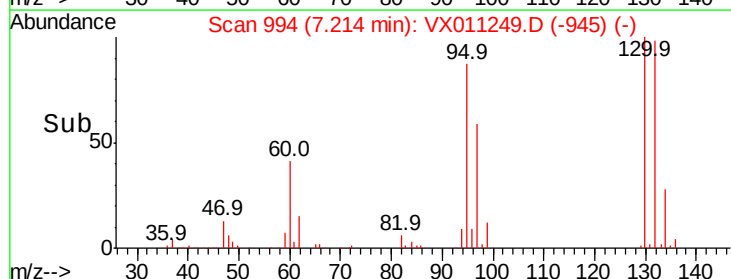
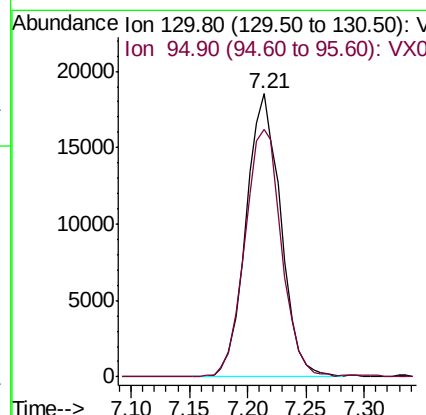
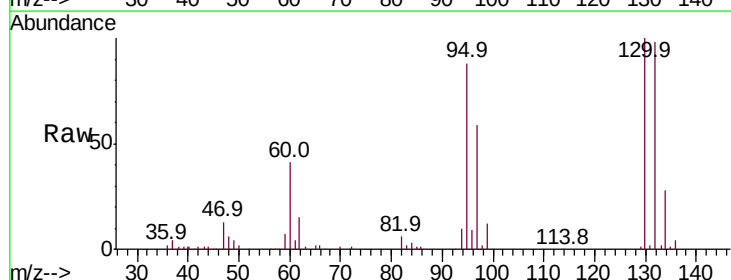
Manual Integrations  
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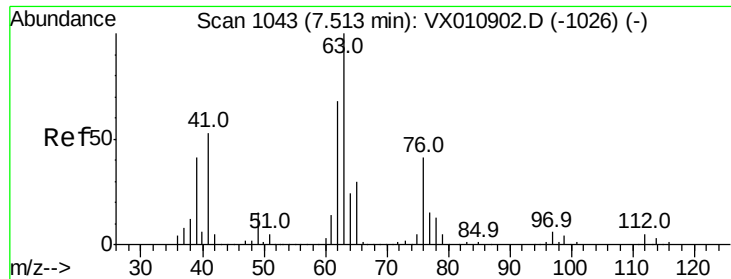
MMDadoda  
8/1/2019 11:20:00 AM



#44  
Trichloroethene  
Concen: 18.618 ug/l  
RT: 7.21 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | 130 | 95    |
|---------|-----|-------|
| Ion     | 130 | 95    |
| Ratio   | 100 | 87.5  |
| Lower   |     | 0.0   |
| Upper   |     | 174.8 |





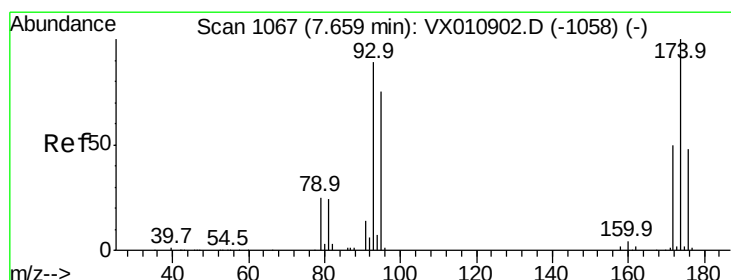
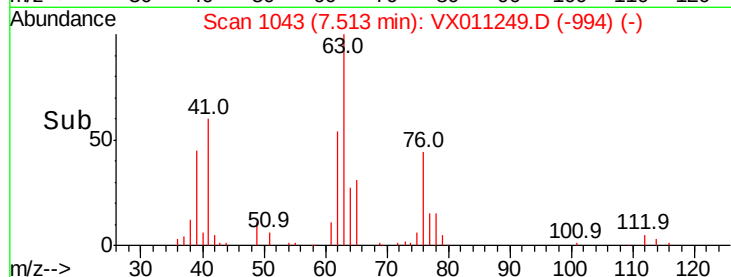
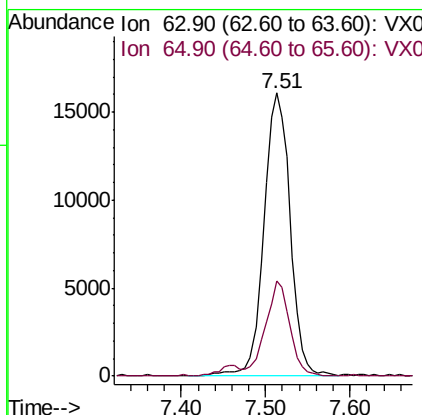
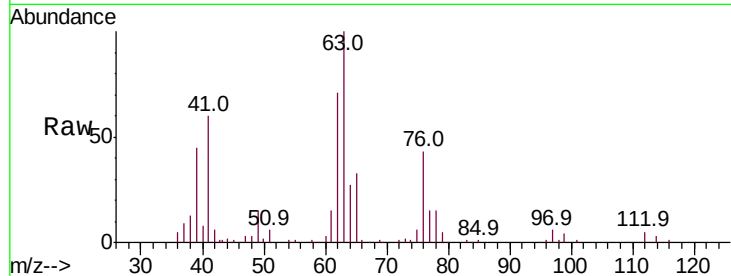
#45  
1,2-Dichloropropane  
Concen: 19.473 ug/l  
RT: 7.51 min Scan# 1043  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0731WBS01

Tot Ion: 63 Resp: 34654  
Ion Ratio Lower Upper  
63 100  
65 33.5 24.4 36.6

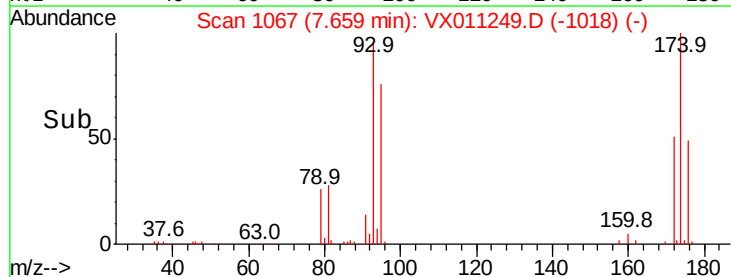
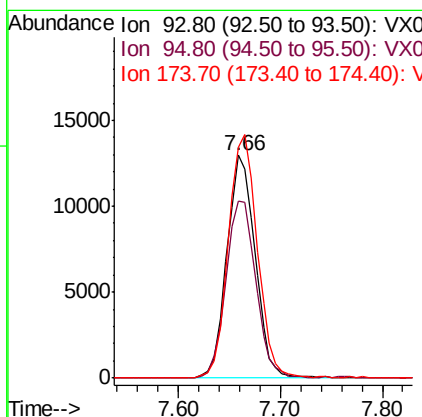
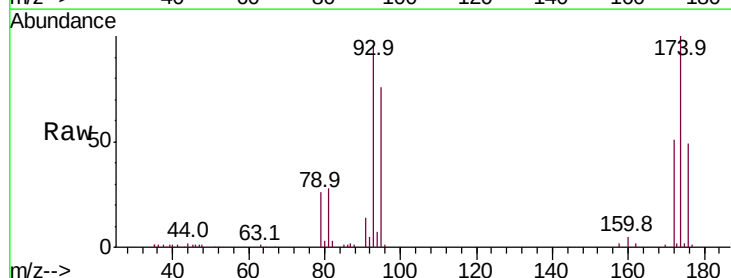
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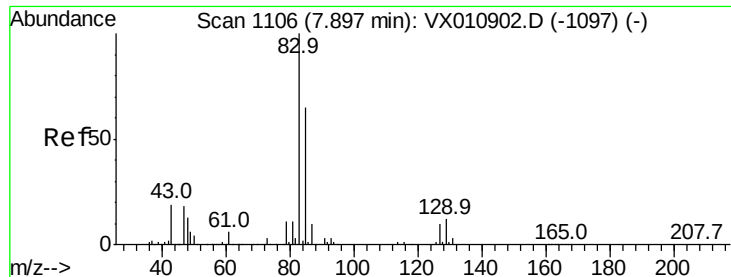
MMdadoda  
8/1/2019 11:20:00 AM



#46  
Dibromomethane  
Concen: 19.513 ug/l  
RT: 7.66 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Tgt Ion: 93 Resp: 24813  
Ion Ratio Lower Upper  
93 100  
95 84.2 67.2 100.8  
174 112.3 90.6 135.8





#47

Bromodichloromethane

Concen: 18.957 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

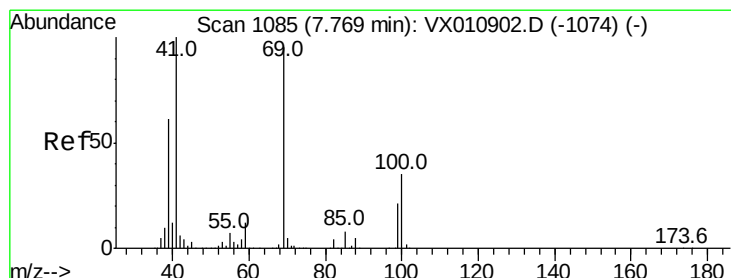
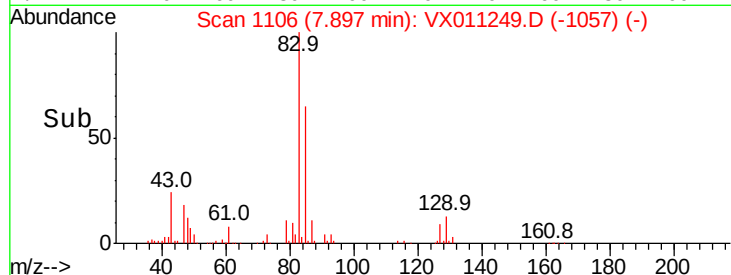
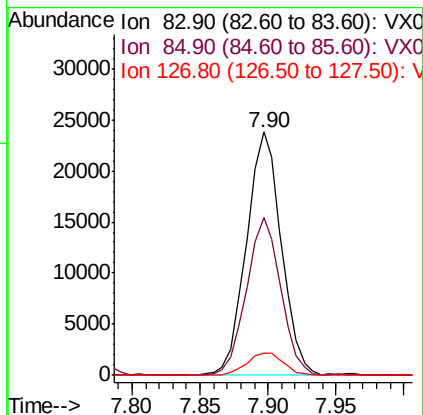
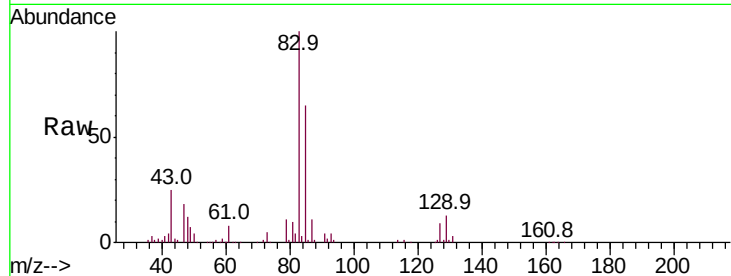
ClientSampleId :

VX0731WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 42911 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.8  | 52.5  | 78.7  |
| 127      | 8.9   | 7.8   | 11.8  |

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#48

Methyl methacrylate

Concen: 19.091 ug/l

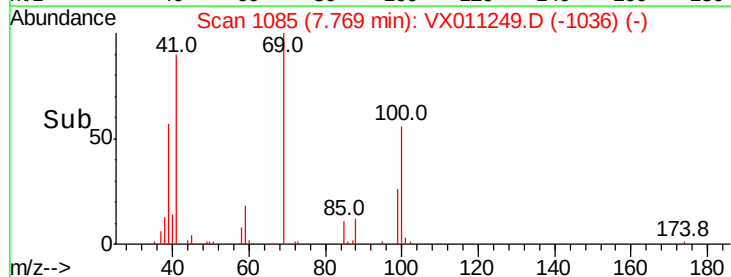
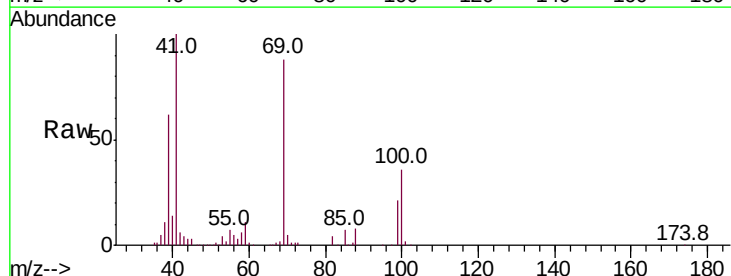
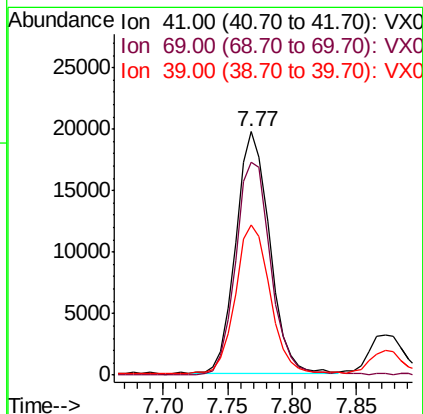
RT: 7.77 min Scan# 1085

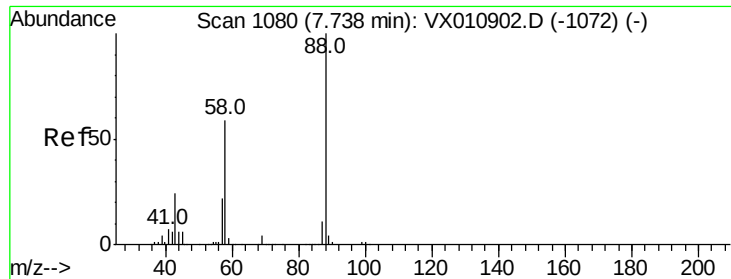
Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 35743 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 92.0  | 74.4  | 111.6 |
| 39       | 63.3  | 48.9  | 73.3  |





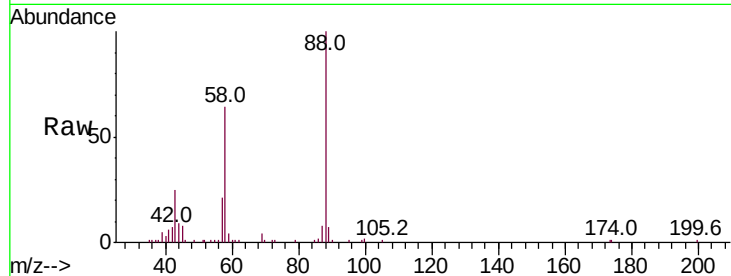
#49  
1,4-Dioxane  
Concen: 391.773 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

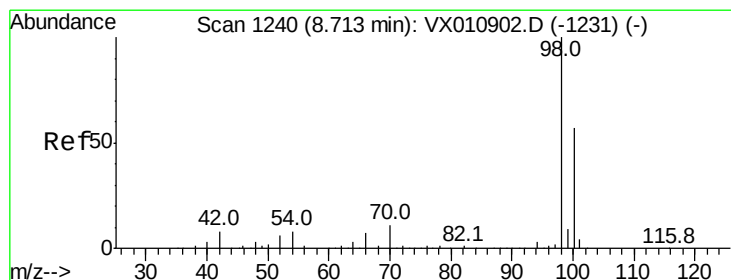
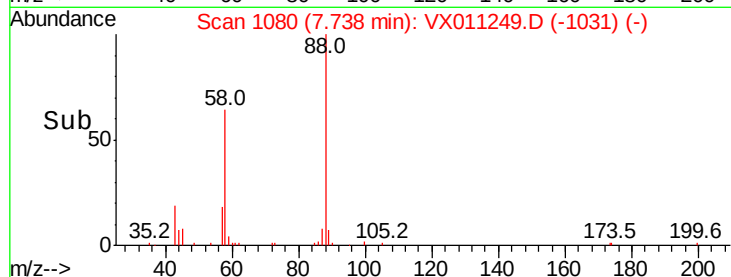
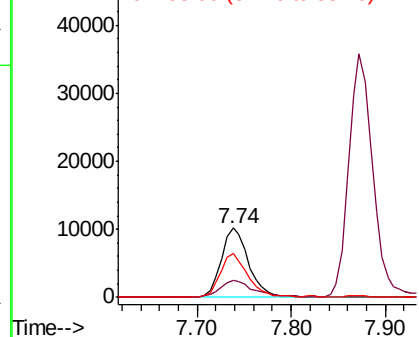
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 31.0  | 22.9  | 34.3  |
| 58      | 64.4  | 49.8  | 74.8  |

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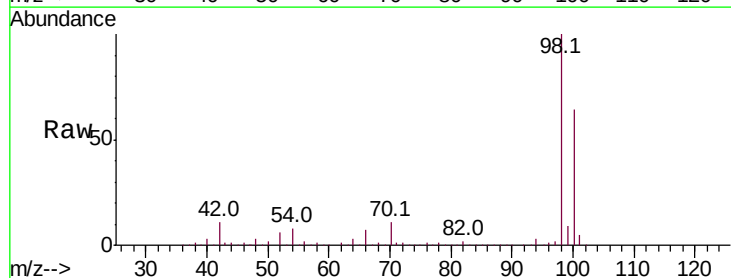


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

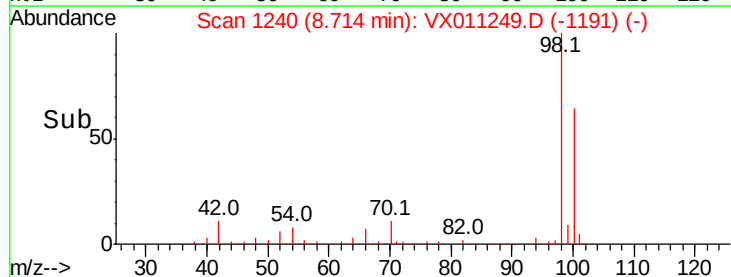
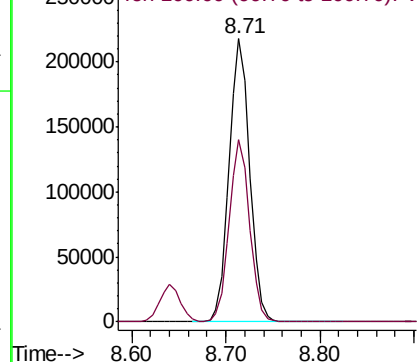


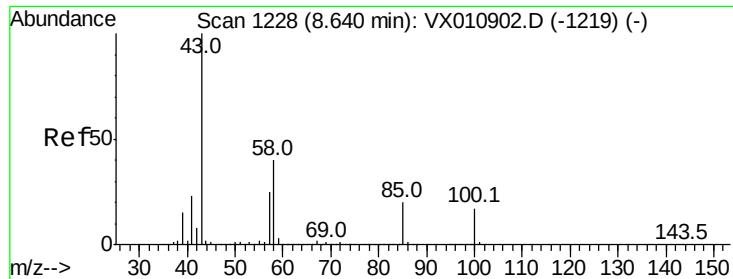
#50  
Toluene-d8  
Concen: 49.831 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.6  | 50.6  | 75.8  |



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 102.335 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

VX0731WBS01

Tot Ion: 43 Resp: 254945

Ion Ratio Lower Upper

43 100

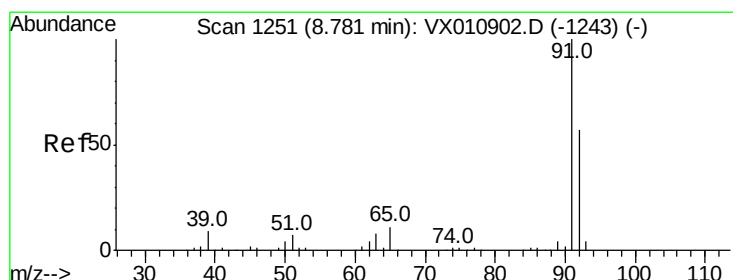
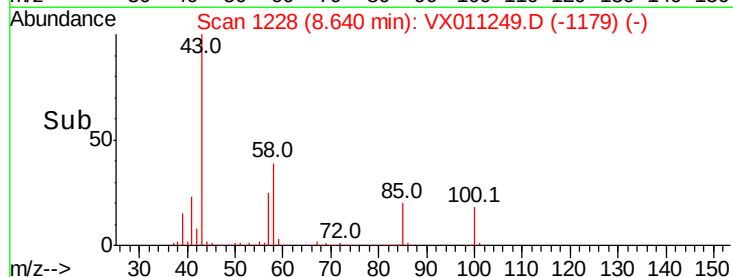
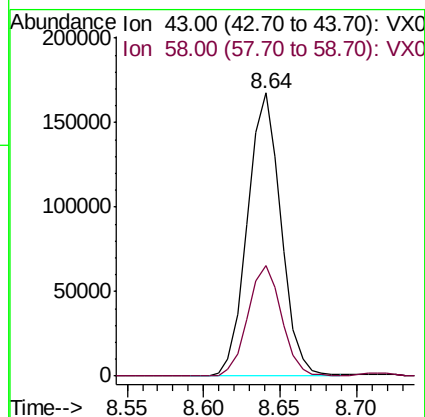
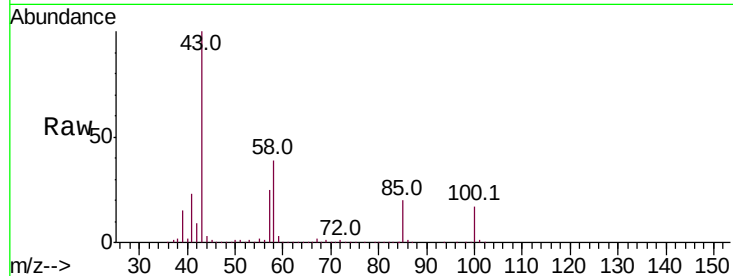
58 39.4 32.2 48.4

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#52

Toluene

Concen: 19.262 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011249.D

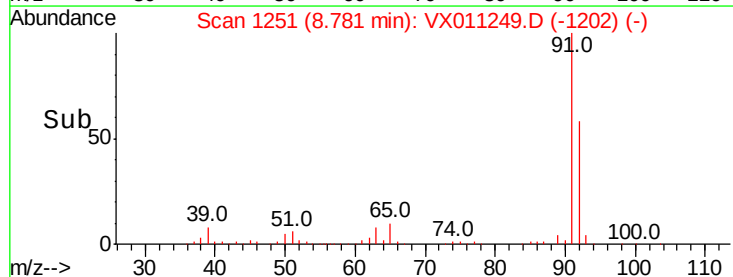
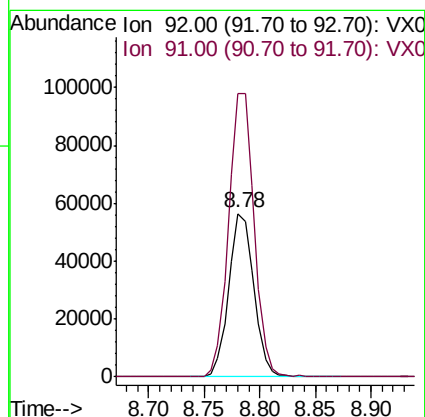
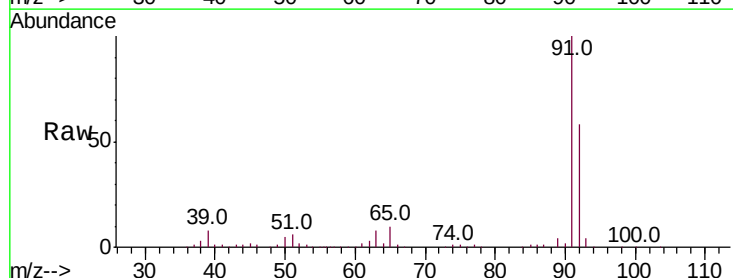
Acq: 31 Jul 2019 17:40

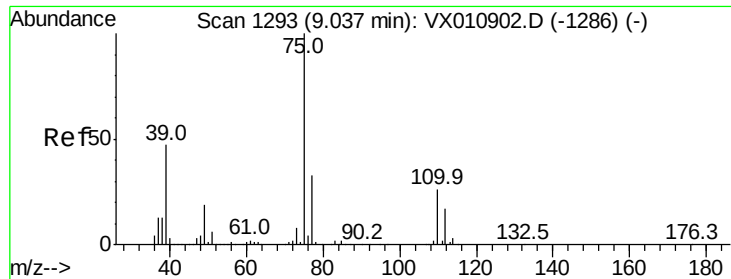
Tgt Ion: 92 Resp: 88473

Ion Ratio Lower Upper

92 100

91 175.8 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 18.089 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Tot Ion: 75 Resp: 44028

Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.2

Instrument :

MSVOA\_X

ClientSampled :

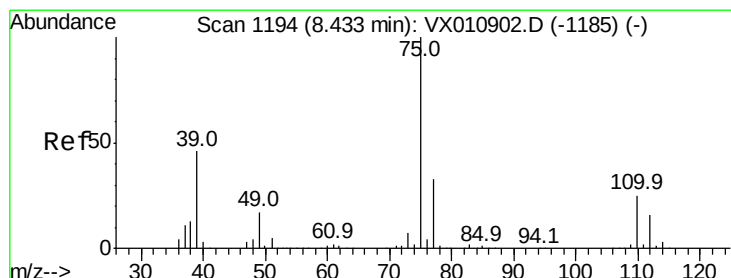
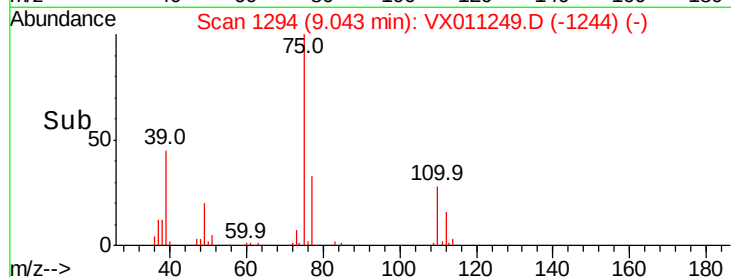
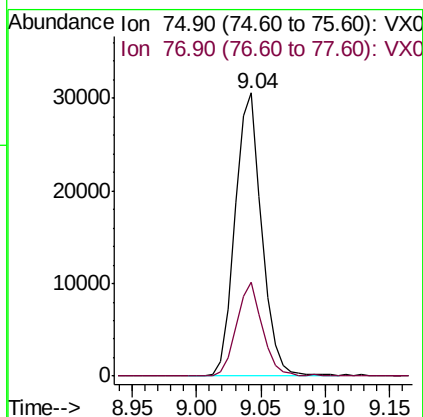
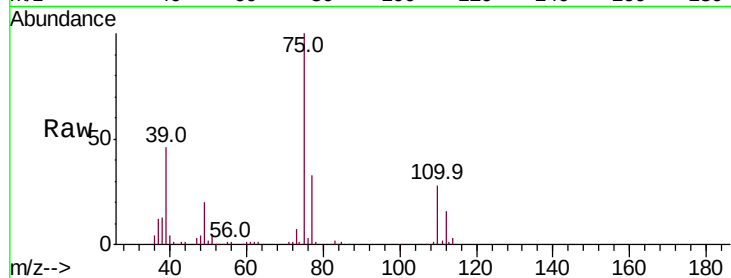
VX0731WBS01

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#54

cis-1,3-Dichloropropene

Concen: 18.695 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

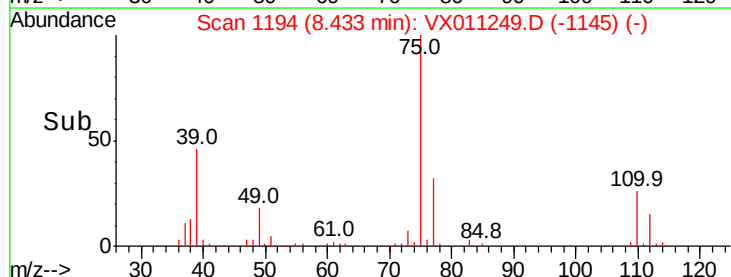
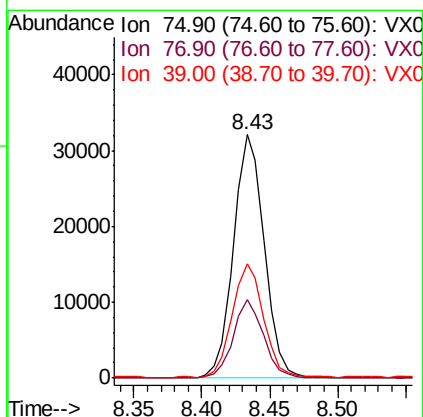
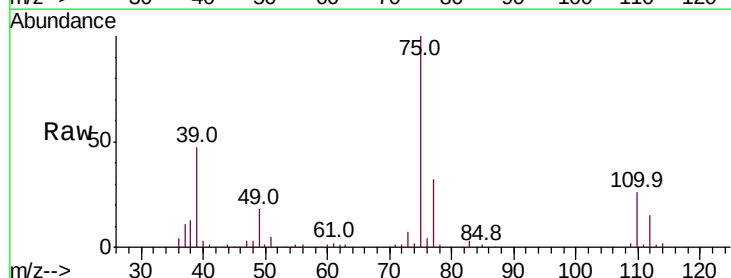
Tgt Ion: 75 Resp: 50633

Ion Ratio Lower Upper

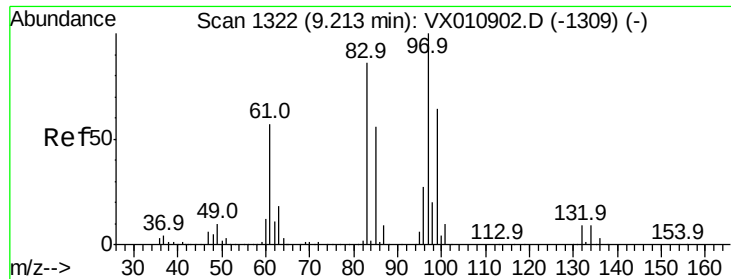
75 100

77 32.4 26.1 39.1

39 46.5 36.6 54.8







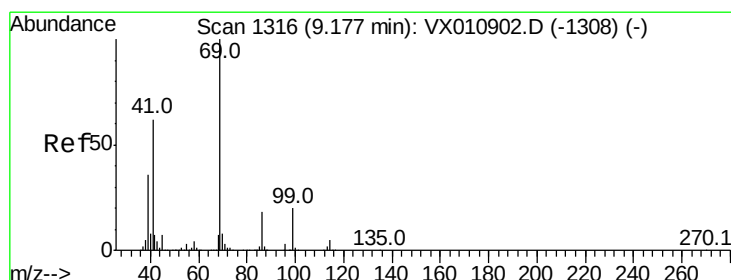
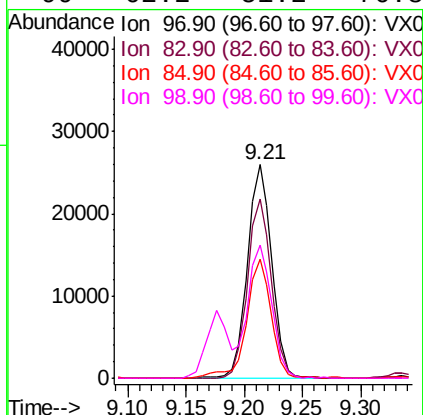
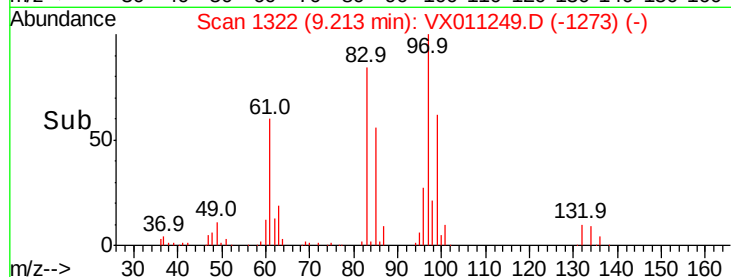
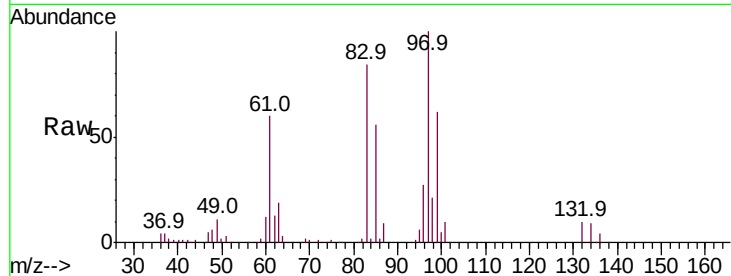
#55  
 1,1,2-Trichloroethane  
 Concen: 20.049 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0731WBS01

| Tot Ion | 97    | Resp  | 37918 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 83.9  | 69.2  | 103.8 |
| 85      | 56.0  | 44.6  | 66.8  |
| 99      | 62.2  | 51.2  | 76.8  |

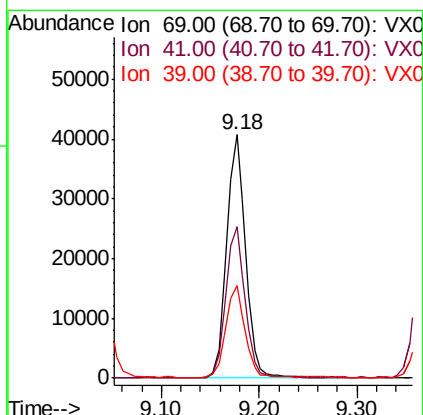
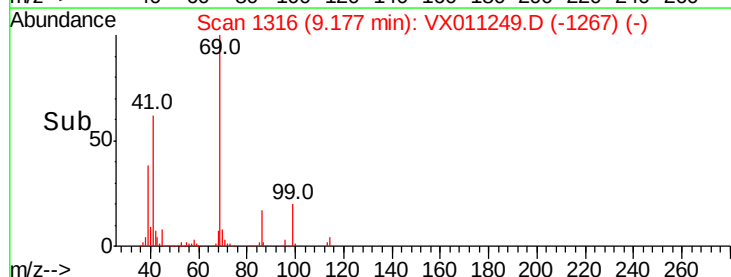
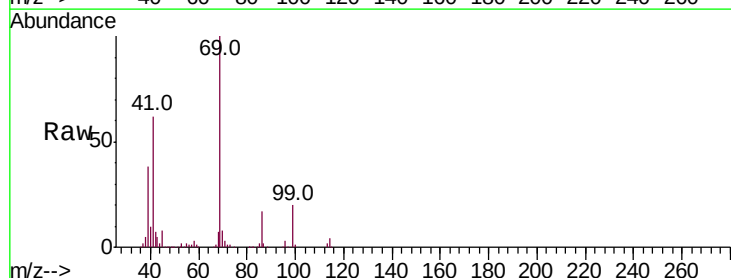
Manual Integrations  
 APPROVED

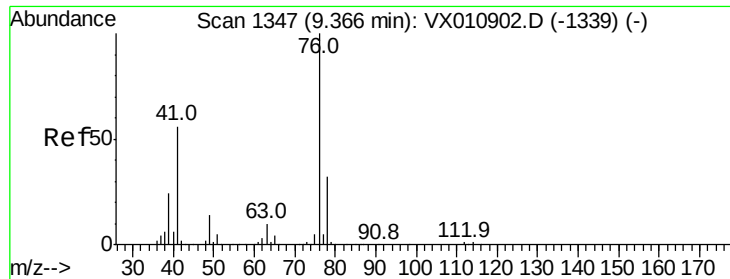
MMDadoda  
 8/1/2019 11:20:00 AM



#56  
 Ethyl methacrylate  
 Concen: 19.782 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

| Tgt Ion | 69    | Resp  | 54725 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 69      | 100   |       |       |
| 41      | 62.2  | 49.7  | 74.5  |
| 39      | 37.8  | 29.6  | 44.4  |





#57

1,3-Dichloropropane

Concen: 19.983 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

VX0731WBS01

Tot Ion: 76 Resp: 59953

Ion Ratio Lower Upper

76 100

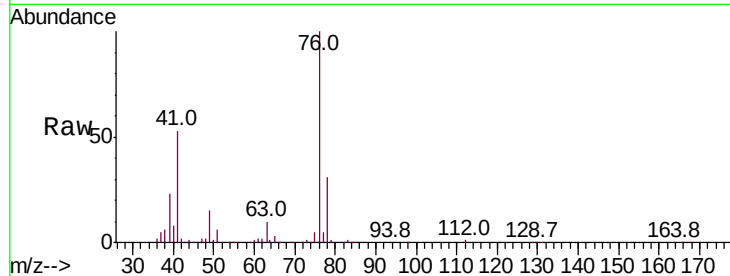
78 32.1 25.6 38.4

Manual Integrations

APPROVED

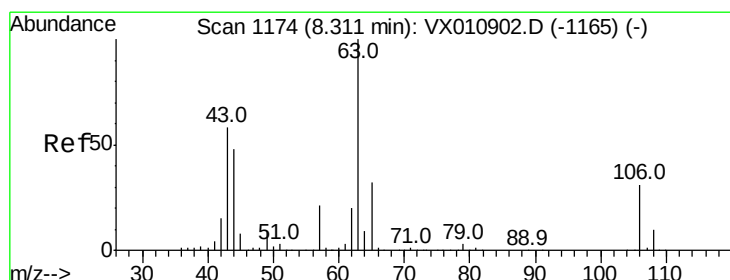
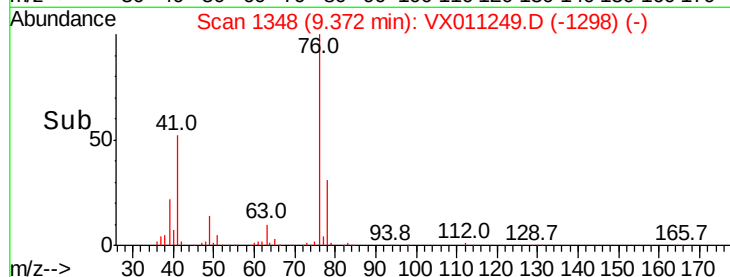
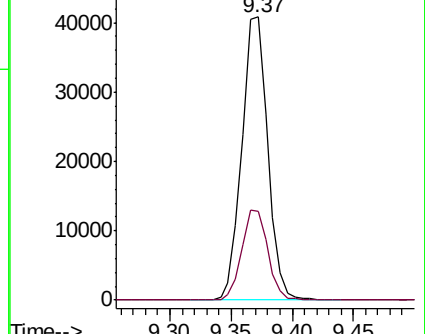
MMdadoda

8/1/2019 11:20:00 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.348 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX011249.D

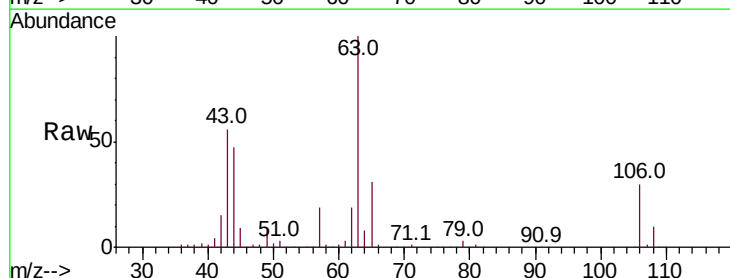
Acq: 31 Jul 2019 17:40

Tgt Ion: 63 Resp: 137799

Ion Ratio Lower Upper

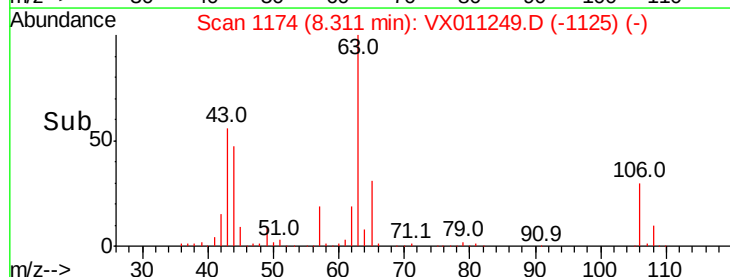
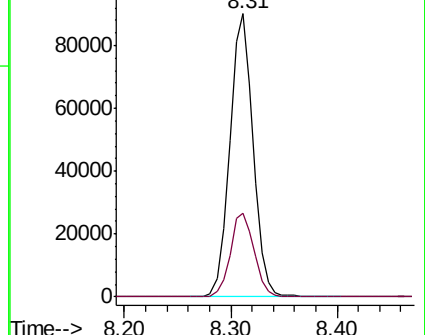
63 100

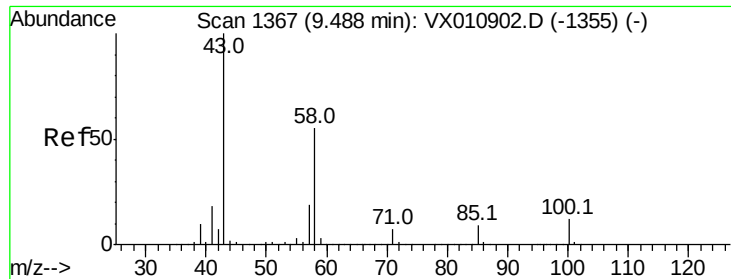
106 30.2 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





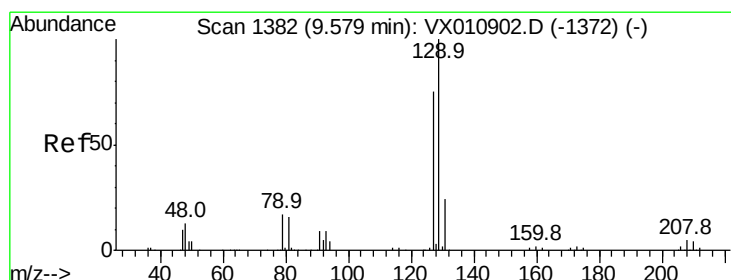
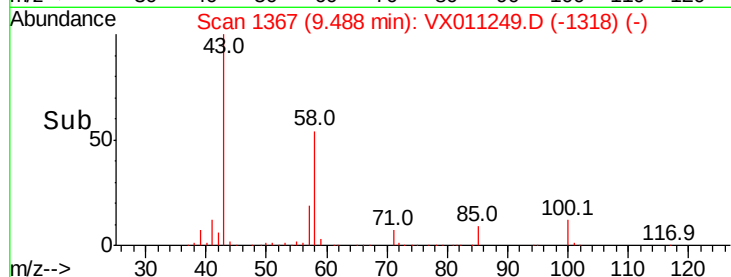
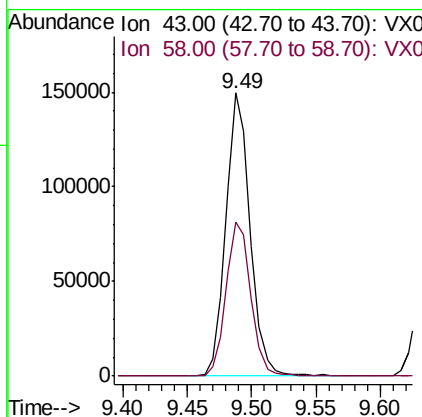
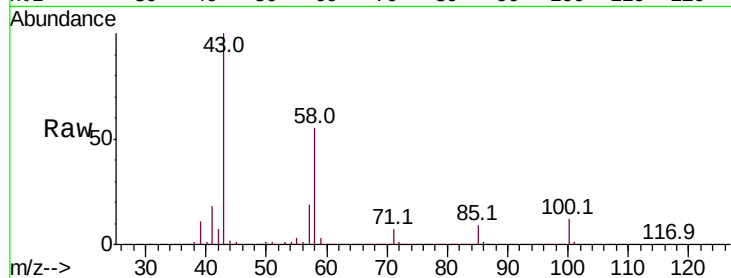
#59  
2-Hexanone  
Concen: 102.606 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

Tot Ion: 43 Resp: 198264  
Ion Ratio Lower Upper  
43 100  
58 55.9 28.0 83.9

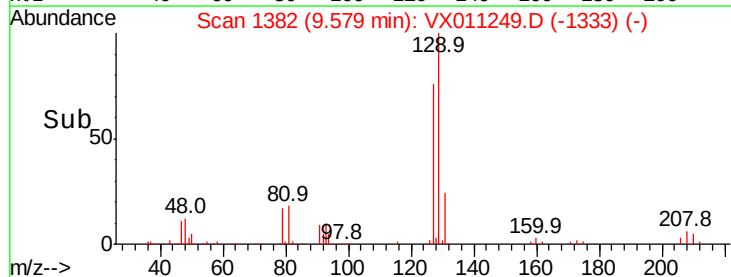
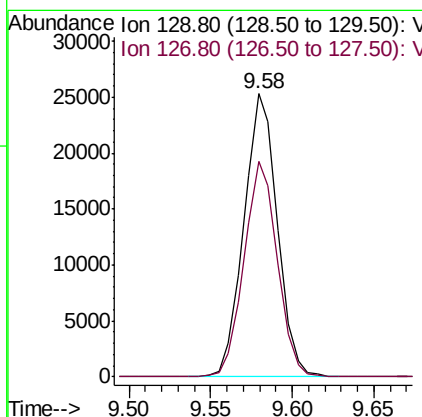
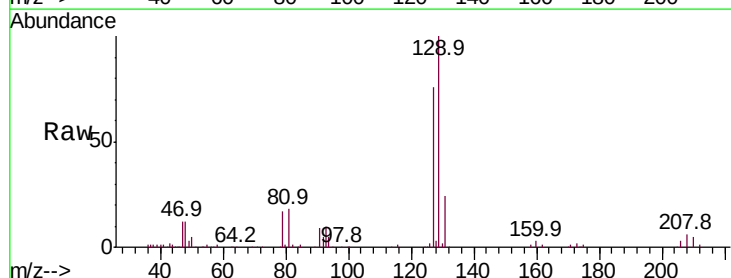
Manual Integrations  
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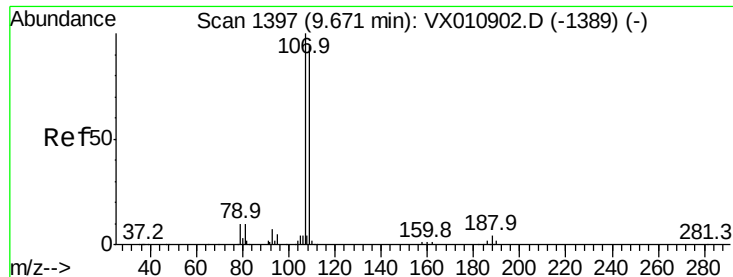
MMdadoda  
8/1/2019 11:20:00 AM



#60  
Dibromochloromethane  
Concen: 18.283 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Tgt Ion:129 Resp: 36118  
Ion Ratio Lower Upper  
129 100  
127 75.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.781 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

VX0731WBS01

Tot Ion:107 Resp: 39703

Ion Ratio Lower Upper

107 100

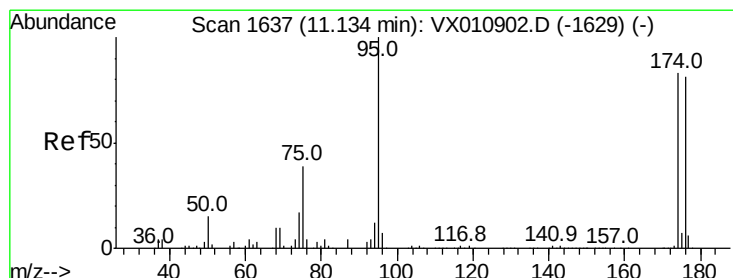
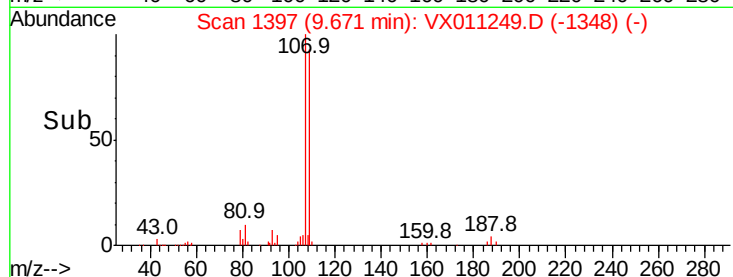
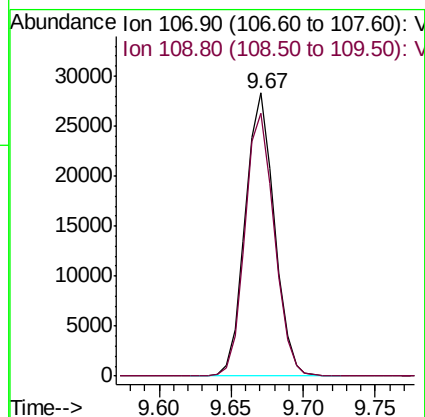
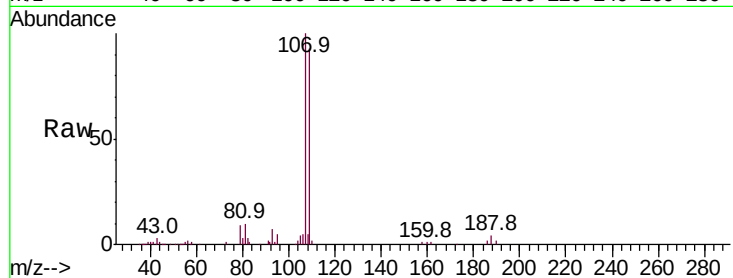
109 93.9 75.4 113.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.112 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

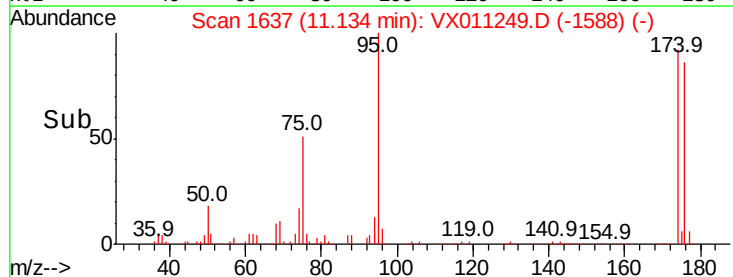
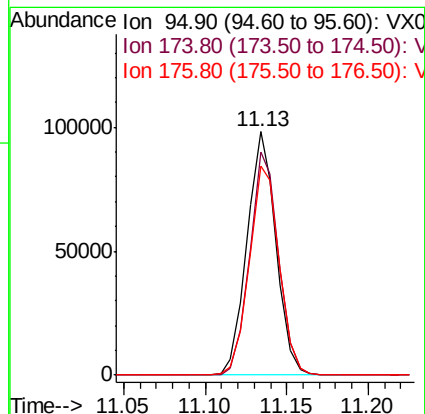
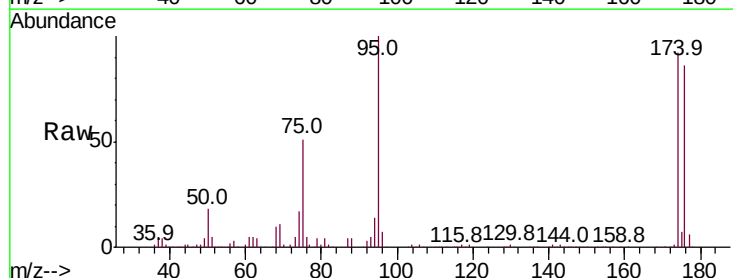
Tgt Ion: 95 Resp: 121850

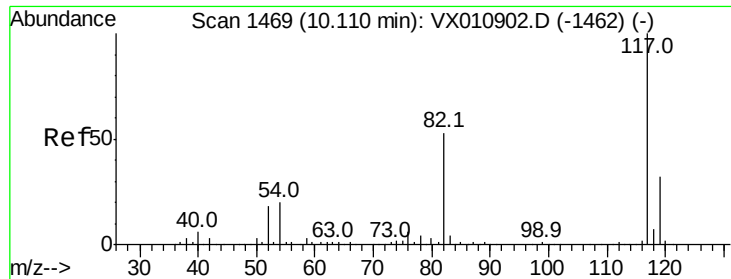
Ion Ratio Lower Upper

95 100

174 91.4 0.0 180.6

176 88.4 0.0 173.8





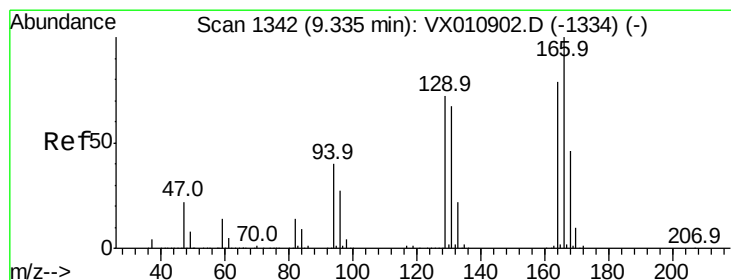
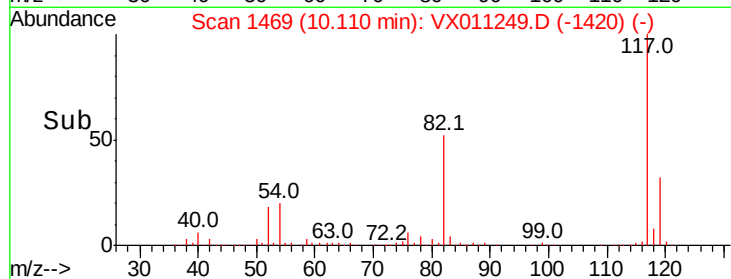
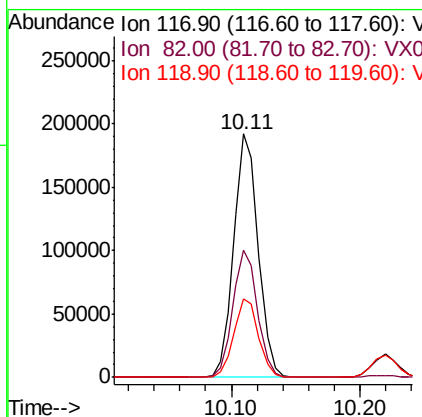
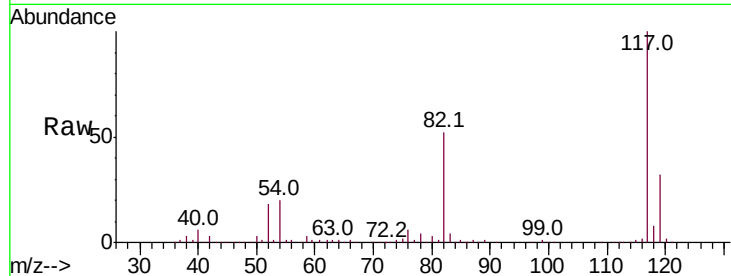
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.1  | 42.6  | 63.8  |
| 119     | 32.3  | 25.9  | 38.9  |

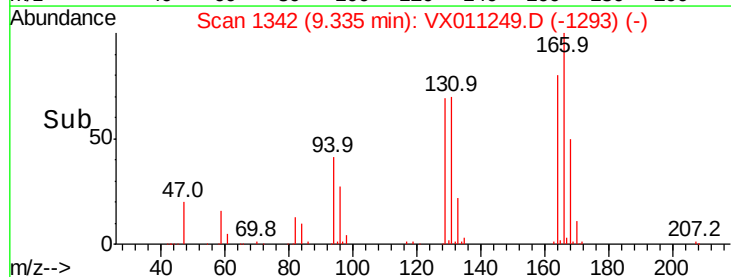
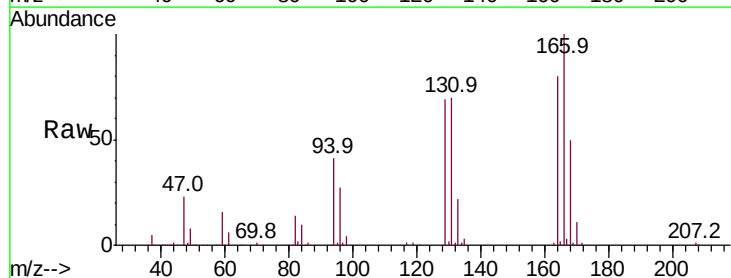
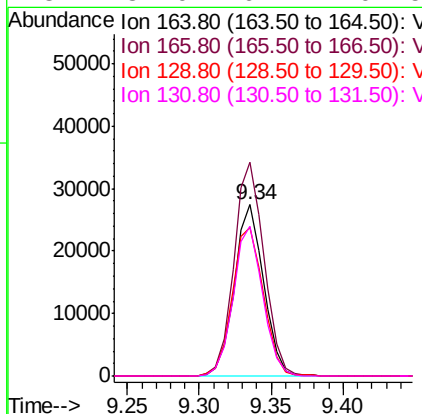
Manual Integrations  
APPROVED

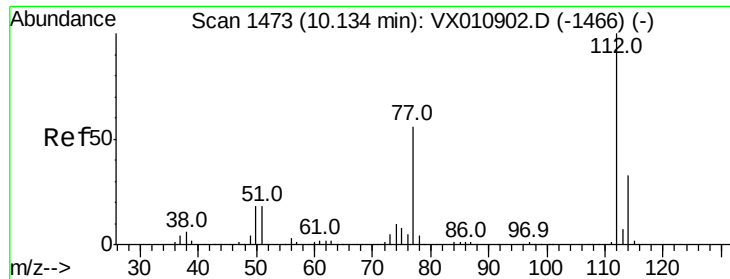
MMDadoda  
8/1/2019 11:20:00 AM



#64  
Tetrachloroethene  
Concen: 19.339 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 124.9 | 100.8 | 151.2 |
| 129     | 86.7  | 72.6  | 109.0 |
| 131     | 87.0  | 67.7  | 101.5 |





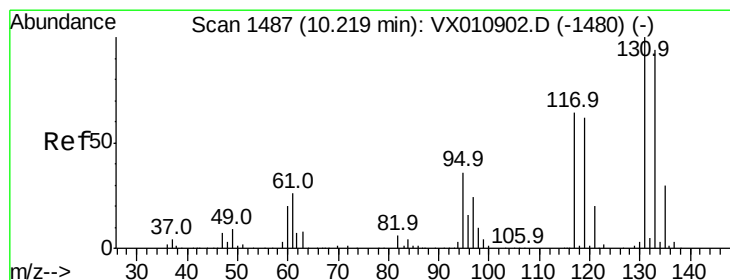
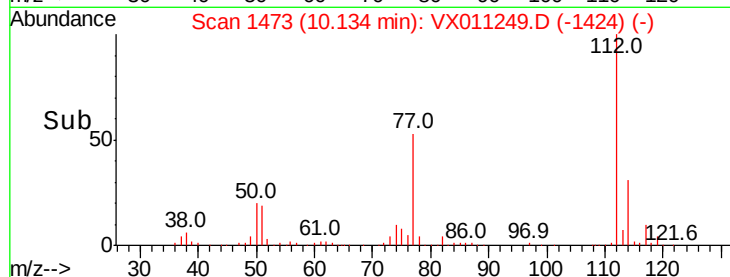
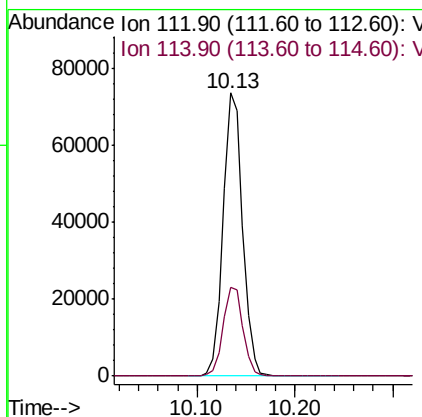
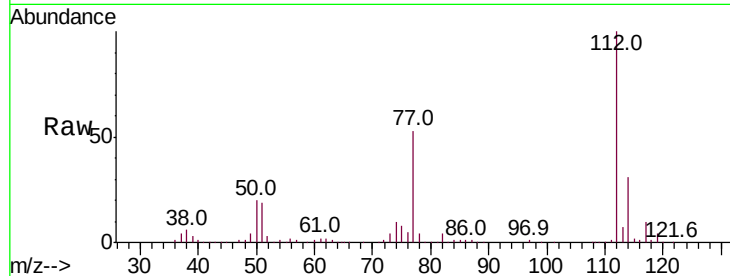
#65  
Chlorobenzene  
Concen: 19.396 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0731WBS01

Tot Ion:112 Resp: 101564  
Ion Ratio Lower Upper  
112 100  
114 31.4 26.2 39.4

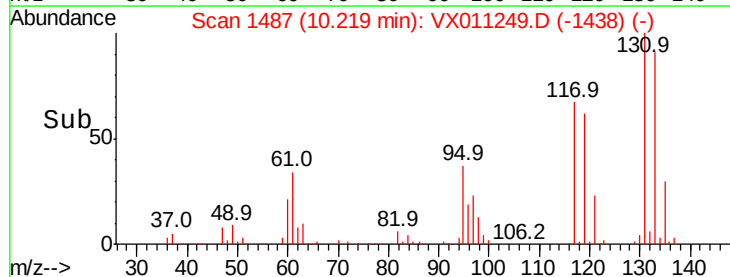
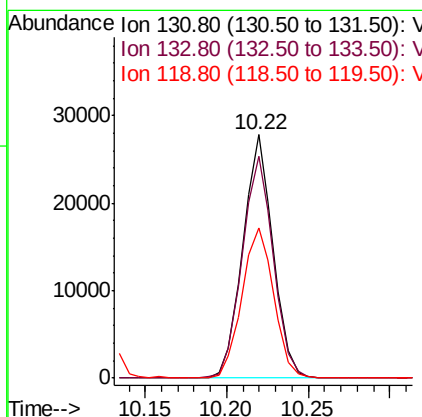
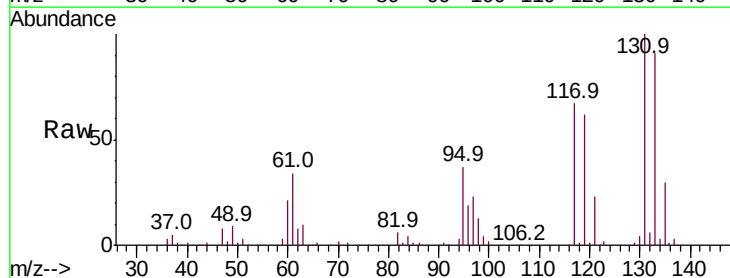
Manual Integrations  
APPROVED

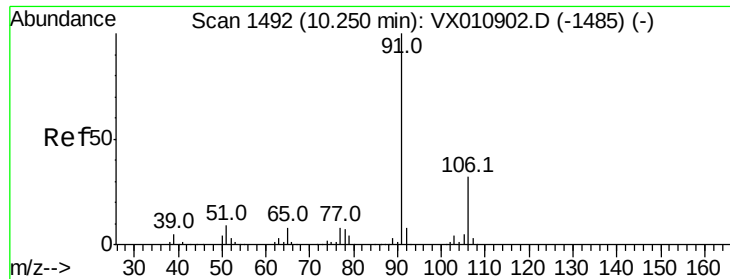
MMdadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.404 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Tgt Ion:131 Resp: 35711  
Ion Ratio Lower Upper  
131 100  
133 94.5 47.1 141.4  
119 65.6 31.9 95.7





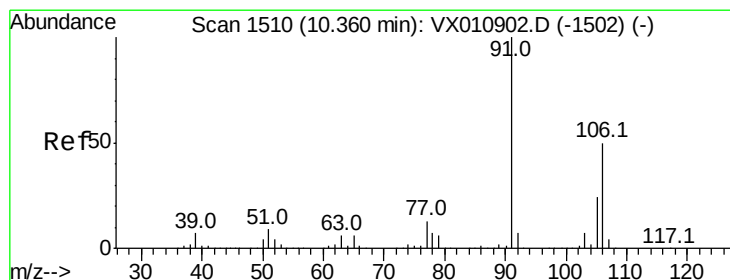
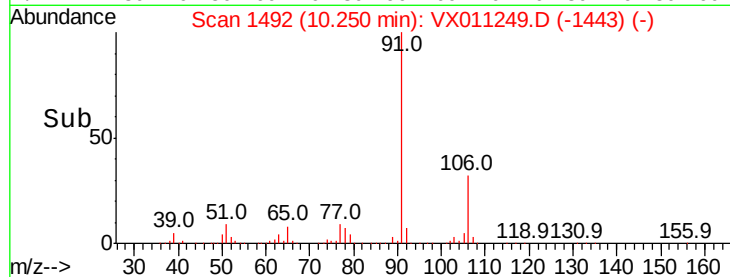
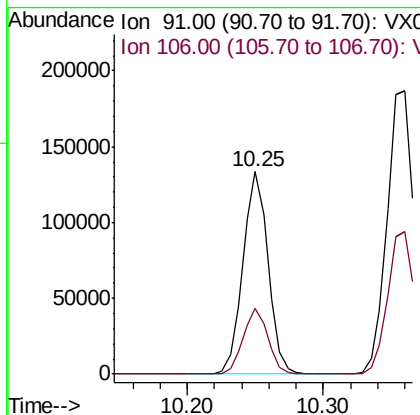
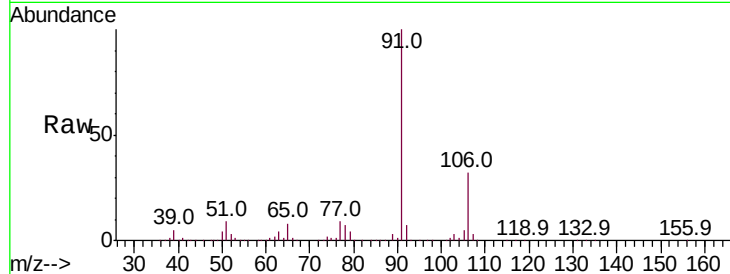
#67  
Ethyl Benzene  
Concen: 19.277 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0731WBS01

Tot Ion: 91 Resp: 171816  
Ion Ratio Lower Upper  
91 100  
106 32.4 25.4 38.2

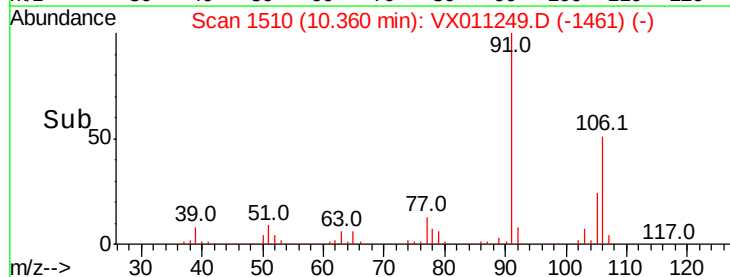
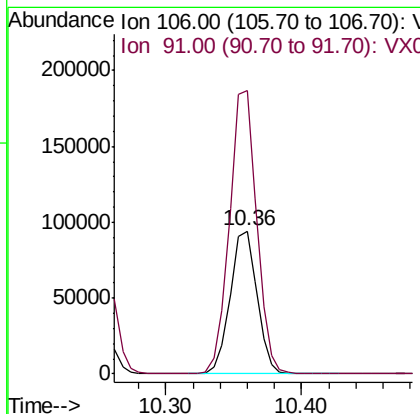
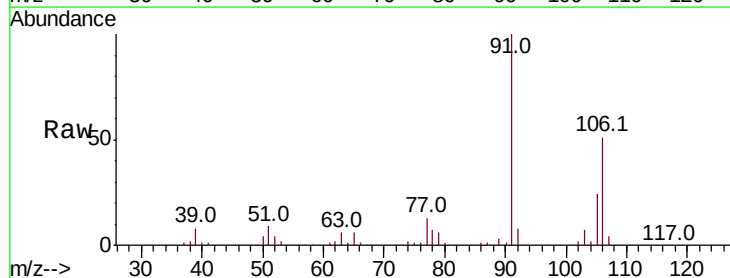
Manual Integrations  
APPROVED

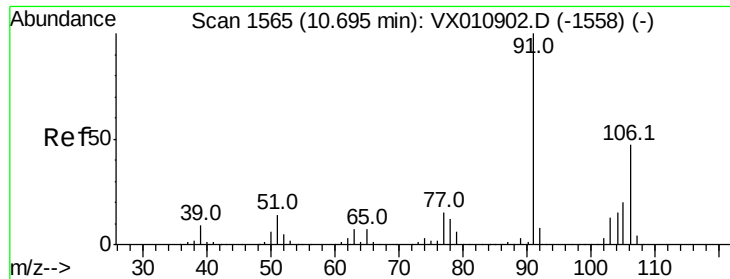
MMDadoda  
8/1/2019 11:20:00 AM



#68  
m/p-Xylenes  
Concen: 38.123 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Tgt Ion: 106 Resp: 130341  
Ion Ratio Lower Upper  
106 100  
91 199.4 160.1 240.1





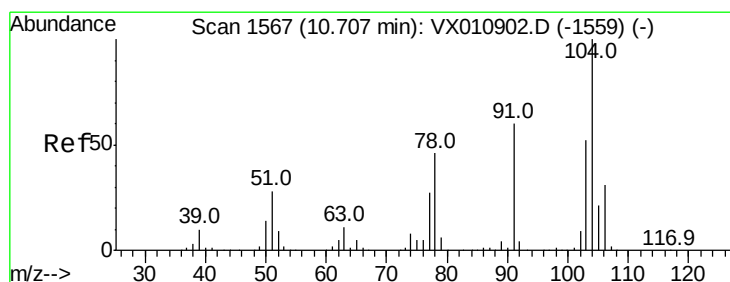
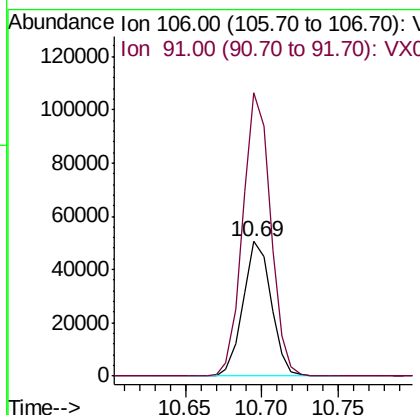
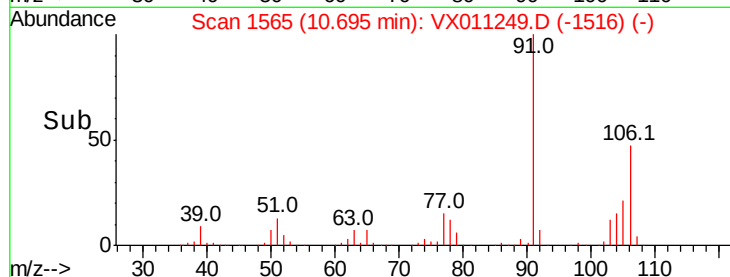
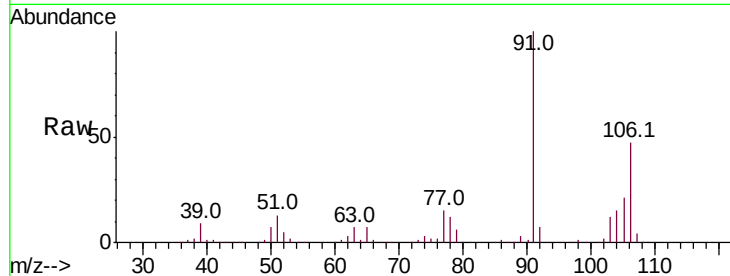
#69  
o-Xylene  
Concen: 19.337 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0731WBS01

Tot Ion:106 Resp: 64522  
Ion Ratio Lower Upper  
106 100  
91 208.6 105.1 315.3

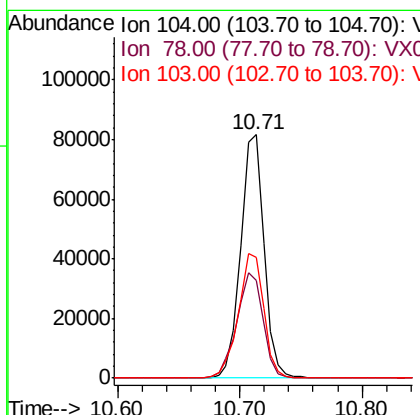
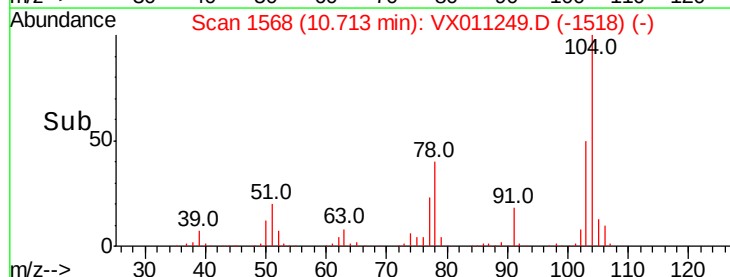
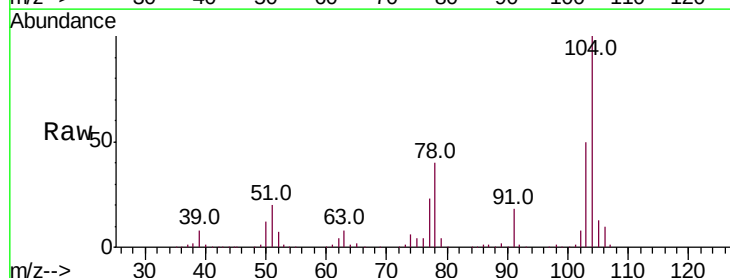
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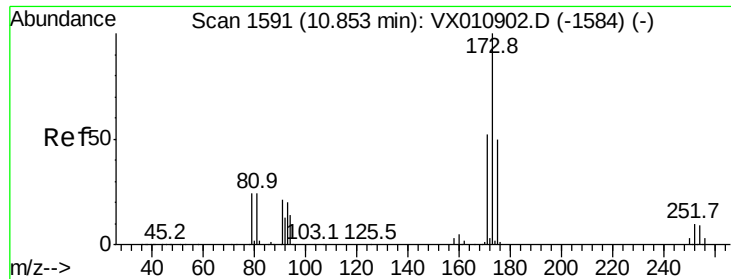


#70  
Styrene  
Concen: 19.429 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.01 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Tgt Ion:104 Resp: 108073  
Ion Ratio Lower Upper  
104 100  
78 48.7 38.8 58.2  
103 55.7 44.2 66.4







#71

Bromoform

Concen: 16.866 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

VX0731WBS01

Tot Ion:173 Resp: 25280

Ion Ratio Lower Upper

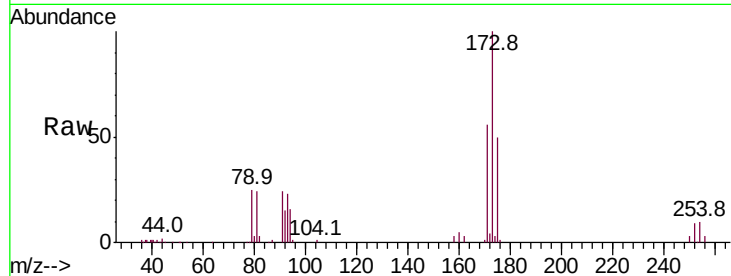
173 100

175 48.5 24.6 73.6

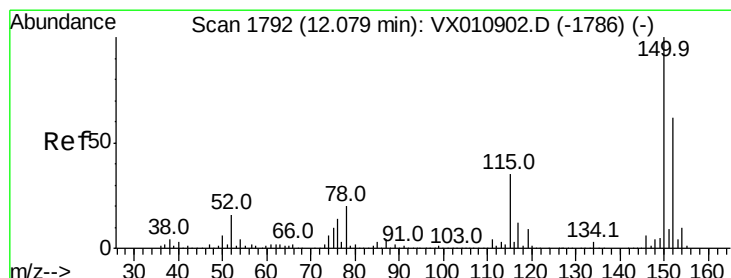
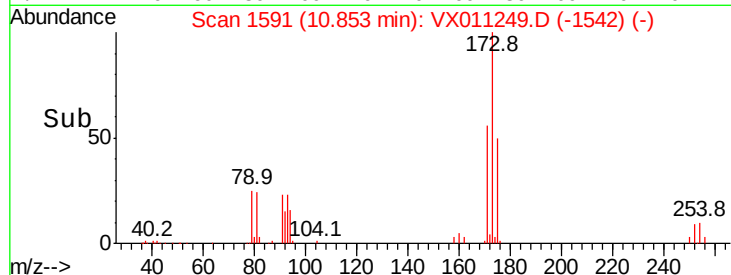
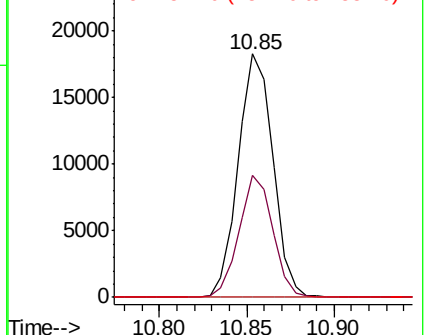
254 0.0 0.1 0.1#

Manual Integrations  
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MMdadoda  
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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: VX011249.D

Acq: 31 Jul 2019 17:40

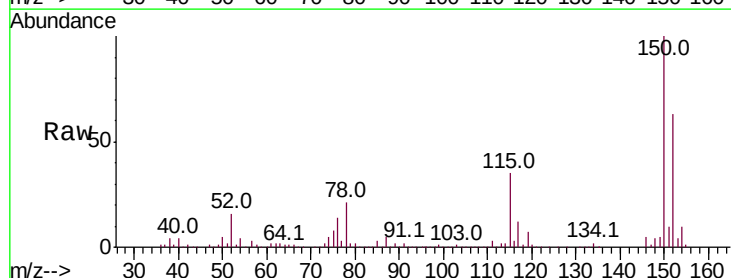
Tgt Ion:152 Resp: 133802

Ion Ratio Lower Upper

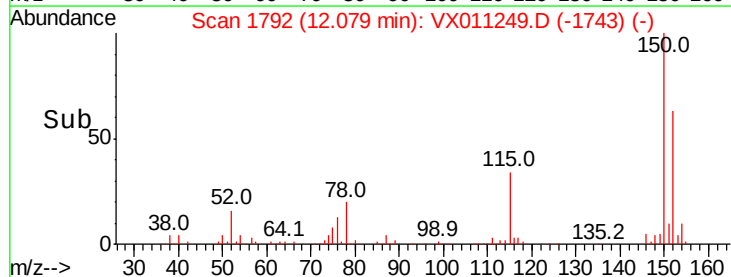
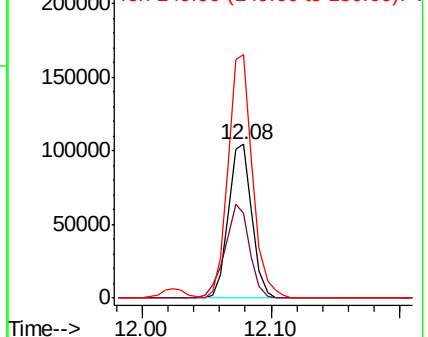
152 100

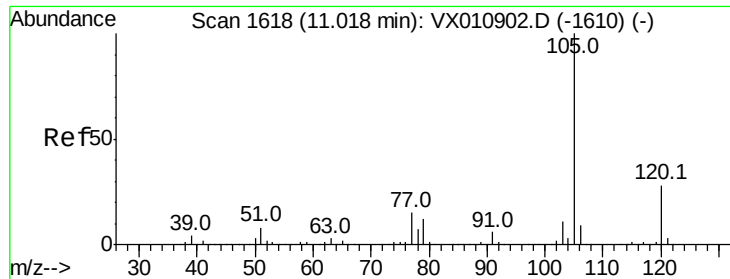
115 64.4 39.7 119.1

150 164.2 0.0 345.6



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





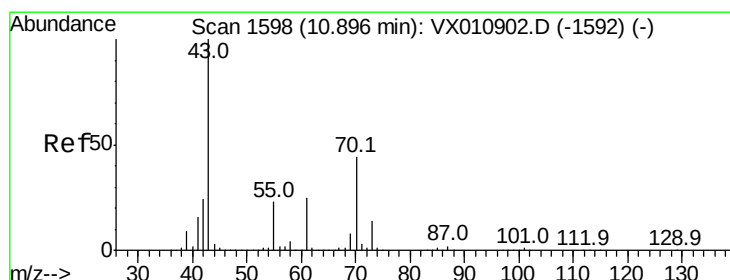
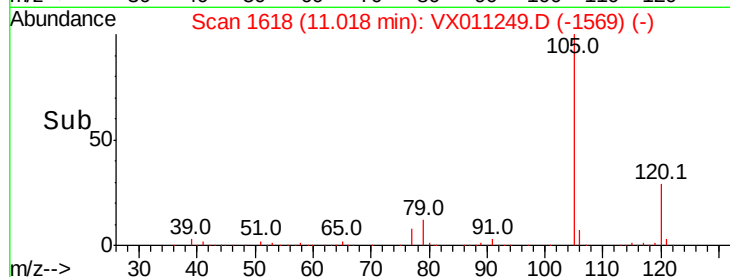
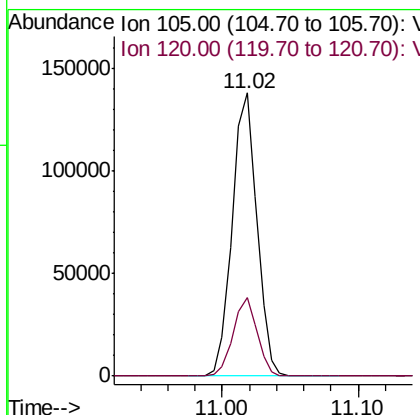
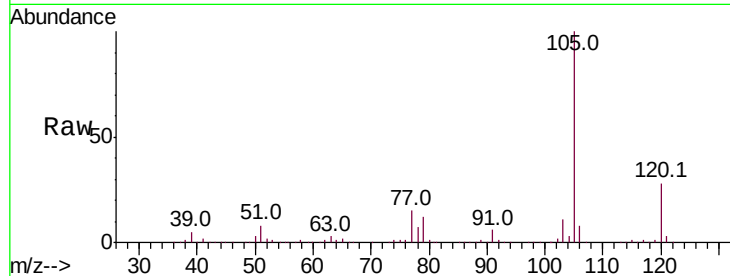
#73  
Isopropylbenzene  
Concen: 19.285 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

Tot Ion:105 Resp: 174357  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.7 41.1

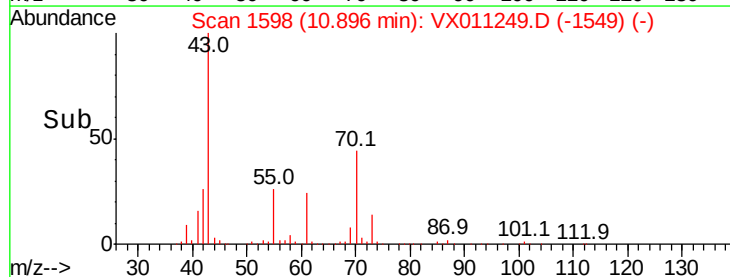
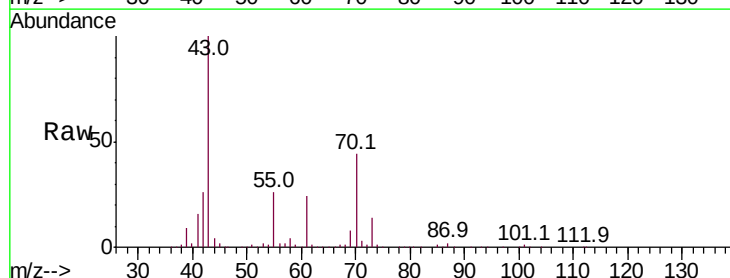
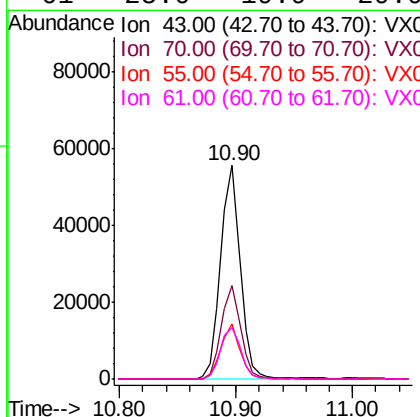
Manual Integrations  
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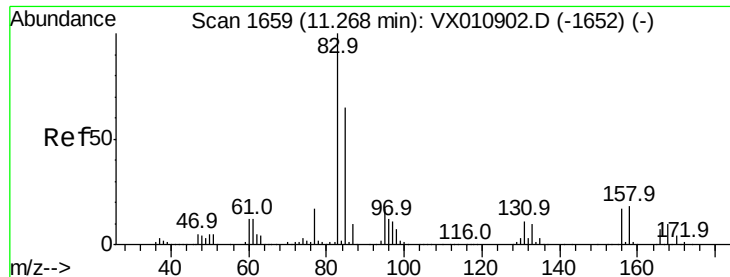
MMdadoda  
8/1/2019 11:20:00 AM



#74  
N-ethyl acetate  
Concen: 18.850 ug/l  
RT: 10.90 min Scan# 1598  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Tgt Ion: 43 Resp: 65117  
Ion Ratio Lower Upper  
43 100  
70 43.6 34.7 52.1  
55 25.4 19.1 28.7  
61 25.0 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.917 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

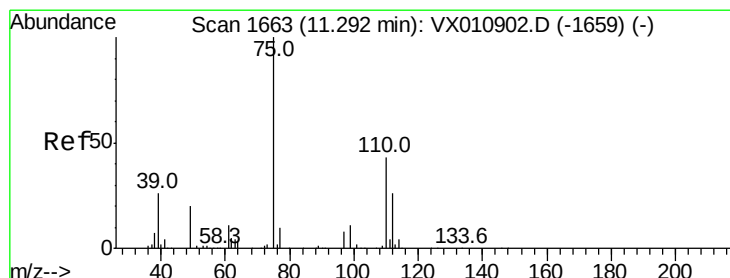
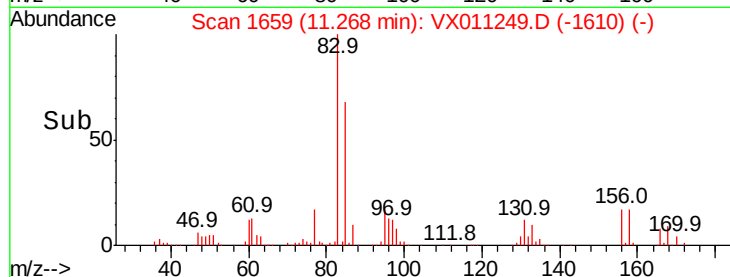
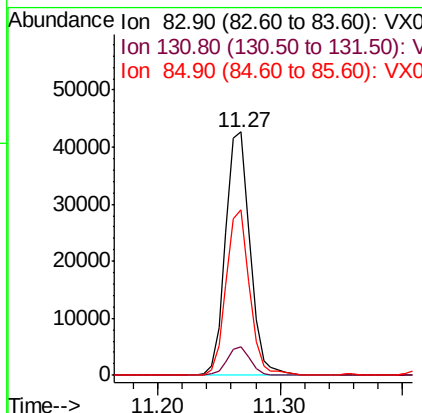
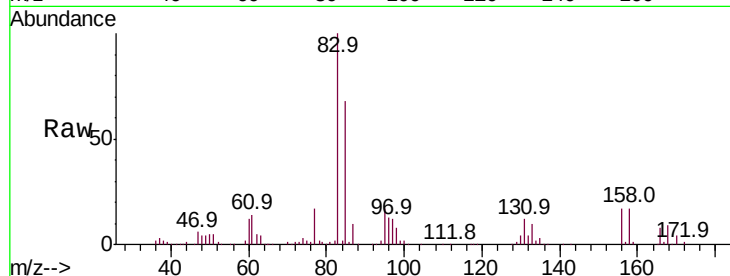
ClientSampled :

VX0731WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 58930 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 11.2  | 5.5   | 16.4  |
| 85       | 65.3  | 32.3  | 96.9  |

Manual Integrations  
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8/1/2019 11:20:00 AM



#76

1,2,3-Trichloropropane

Concen: 20.406 ug/l m

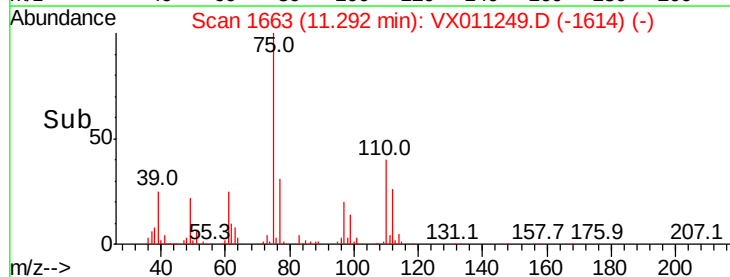
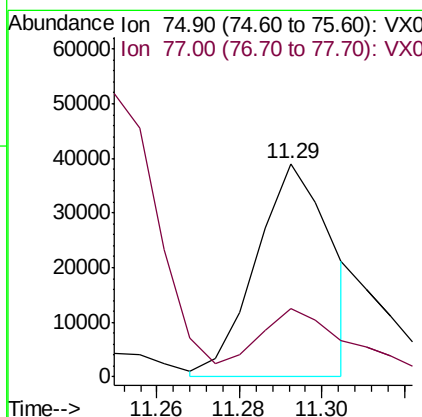
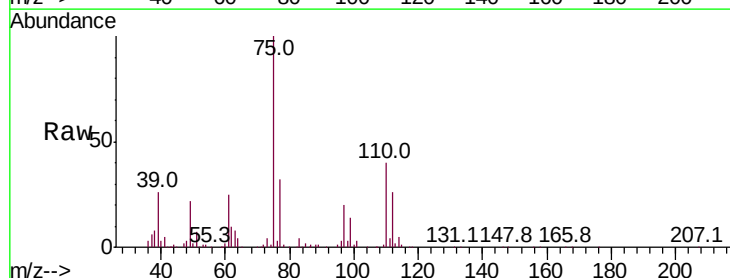
RT: 11.29 min Scan# 1663

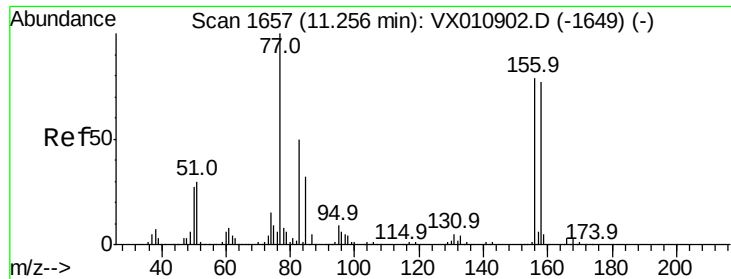
Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 49271 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 40.1  | 21.3  | 64.0  |





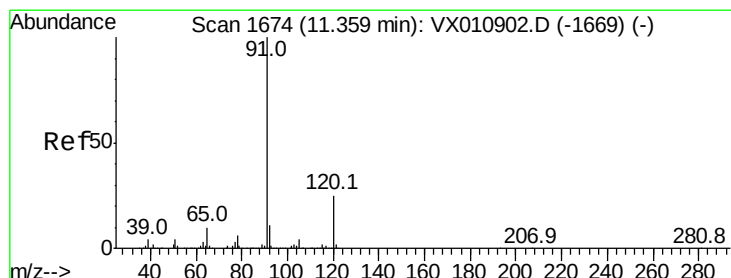
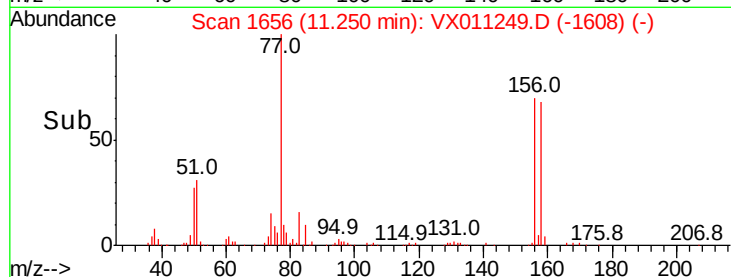
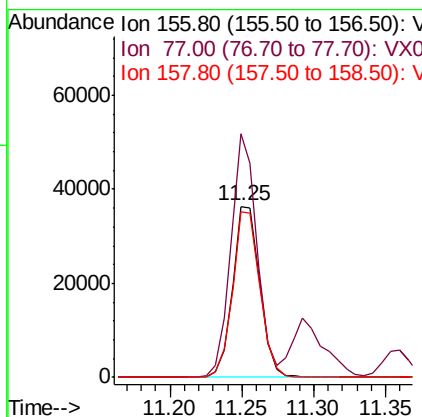
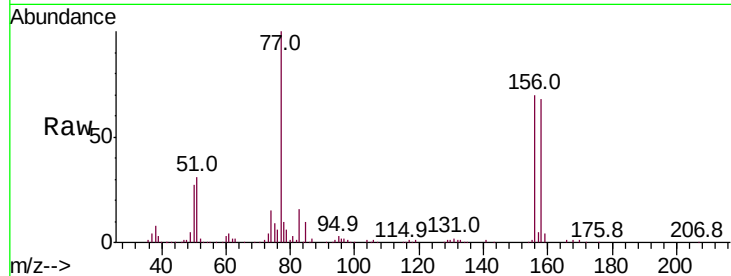
#77  
Bromobenzene  
Concen: 19.272 ug/l  
RT: 11.25 min Scan# 1656  
Delta R.T. -0.01 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 136.9 | 68.7  | 206.1 |
| 158     | 97.0  | 47.9  | 143.7 |

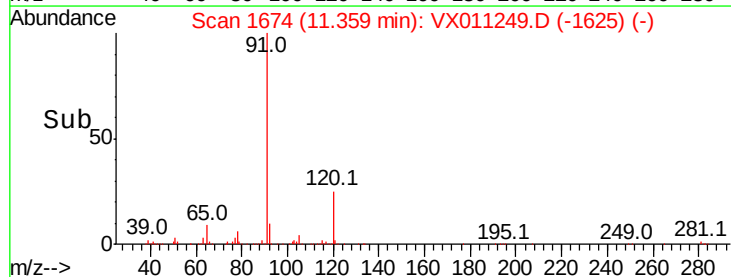
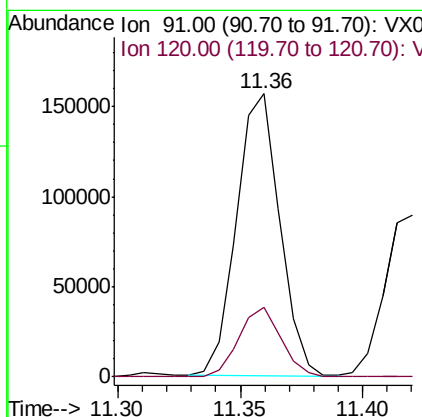
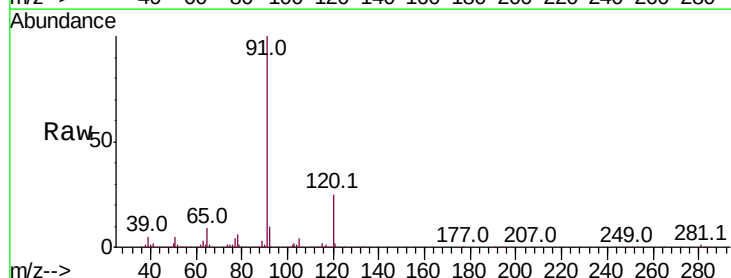
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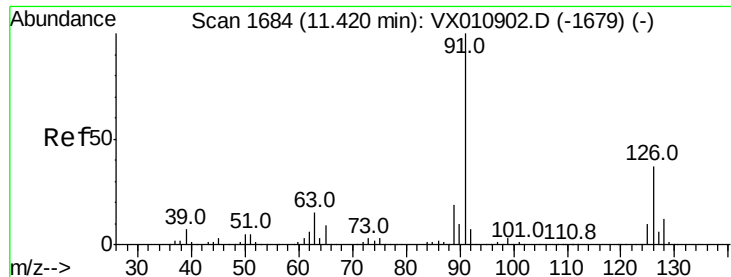
MMDadoda  
8/1/2019 11:20:00 AM



#78  
n-propylbenzene  
Concen: 19.211 ug/l  
RT: 11.36 min Scan# 1674  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.3  | 12.3  | 36.8  |





#79

2-Chlorotoluene

Concen: 19.358 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

VX0731WBS01

Tot Ion: 91 Resp: 116164

Ion Ratio Lower Upper

91 100

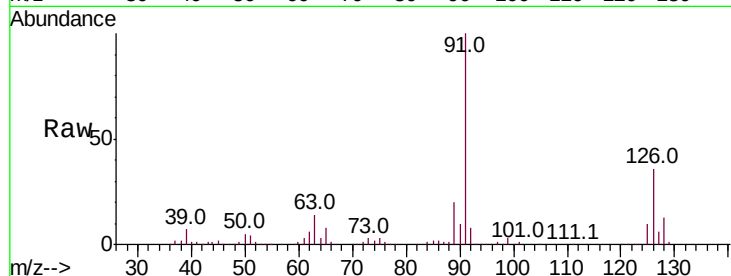
126 36.7 18.0 54.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010902.D (-1679) (-)

150000

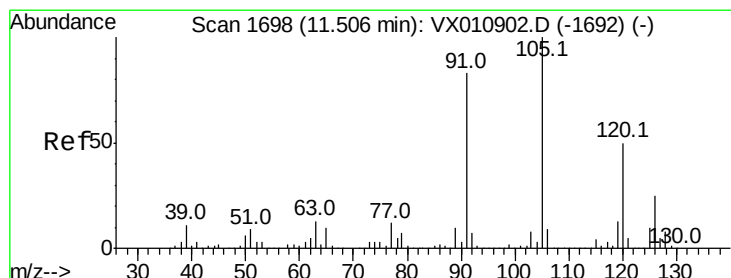
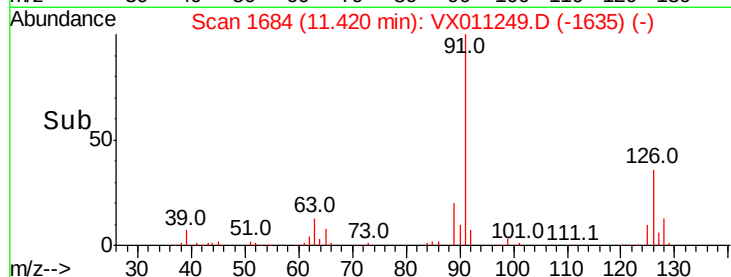
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.269 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011249.D

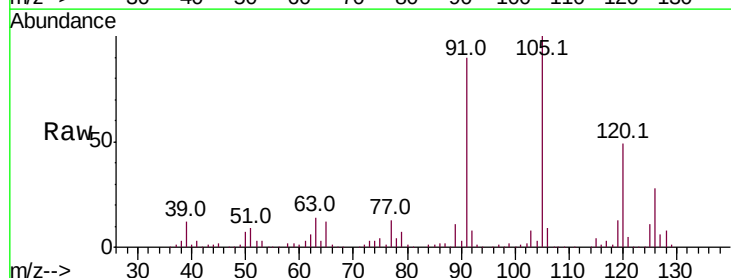
Acq: 31 Jul 2019 17:40

Tgt Ion: 105 Resp: 145568

Ion Ratio Lower Upper

105 100

120 49.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010902.D (-1692) (-)

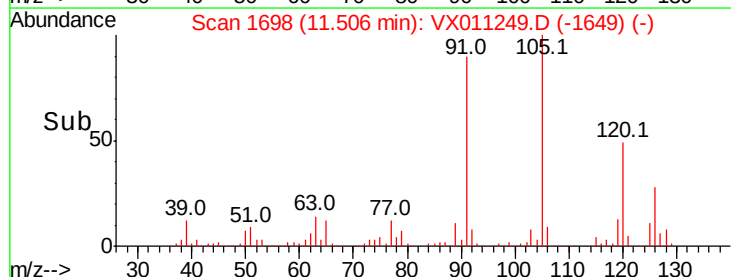
100000

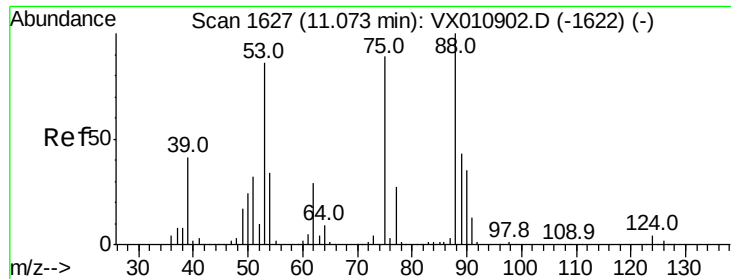
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.468 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

VX0731WBS01

Tot Ion: 75 Resp: 13966

Ion Ratio Lower Upper

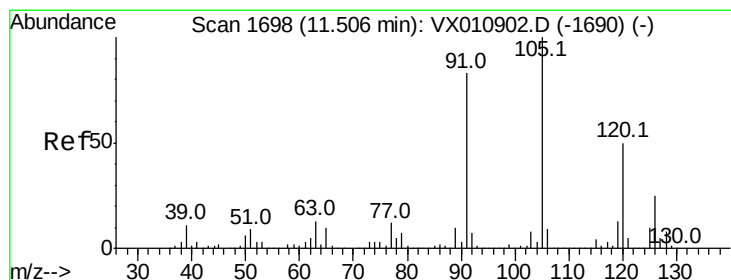
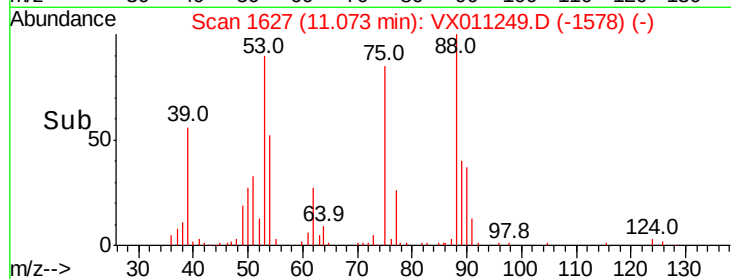
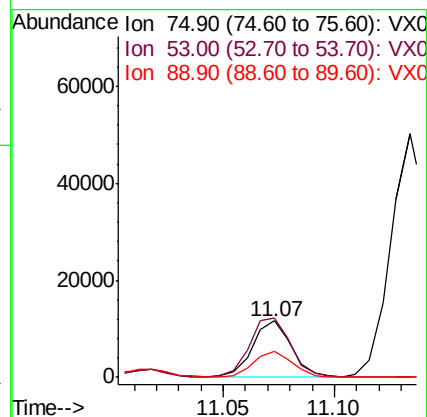
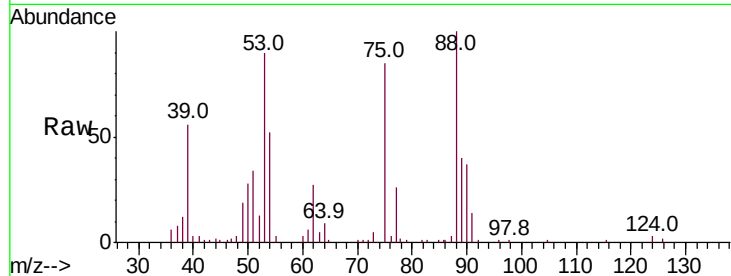
75 100

53 111.9 76.7 115.1

89 47.4 38.5 57.7

Manual Integrations  
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8/1/2019 11:20:00 AM



#82

4-Chlorotoluene

Concen: 19.035 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011249.D

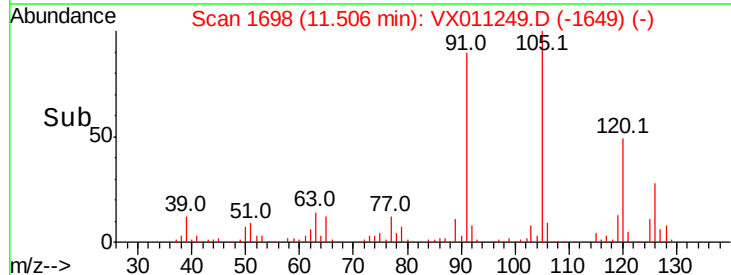
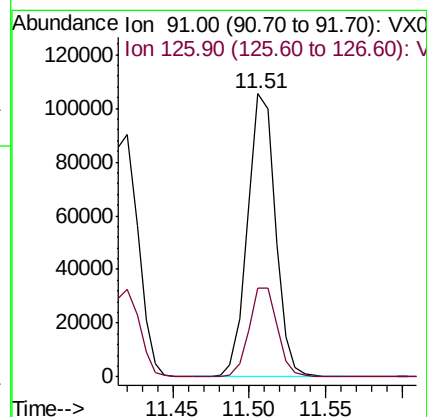
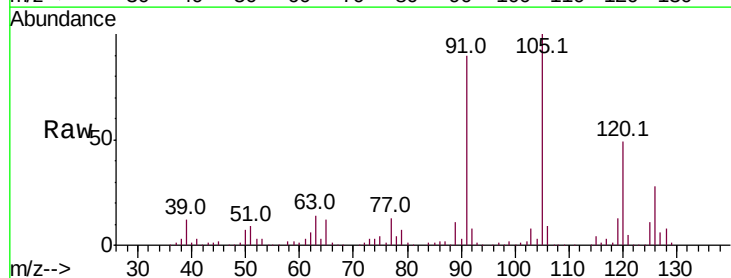
Acq: 31 Jul 2019 17:40

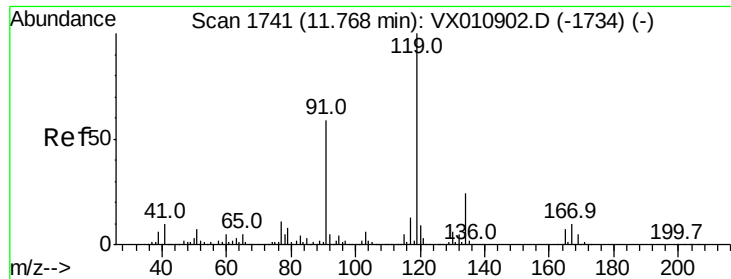
Tgt Ion: 91 Resp: 132946

Ion Ratio Lower Upper

91 100

126 32.3 15.9 47.7





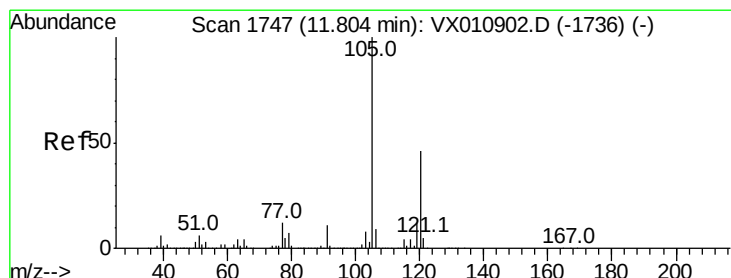
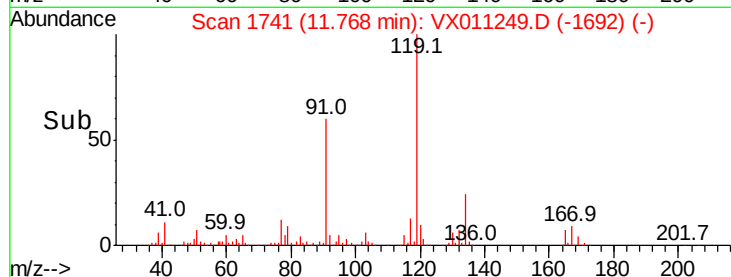
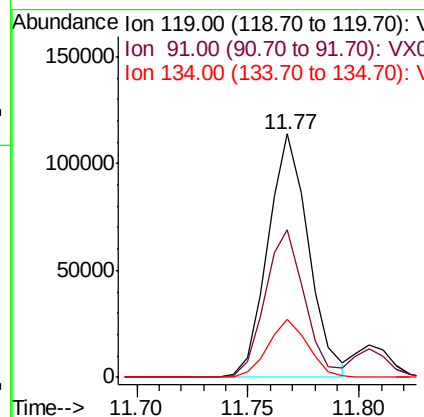
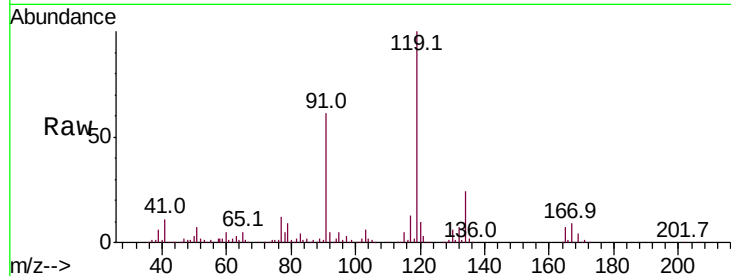
#83  
 tert-Butylbenzene  
 Concen: 19.454 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0731WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 144361 |       |       |
| 91      | 59.4  | 28.6   | 85.8  |       |
| 134     | 23.5  | 11.6   | 34.8  |       |

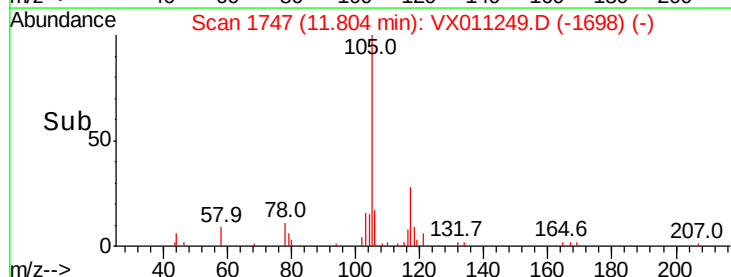
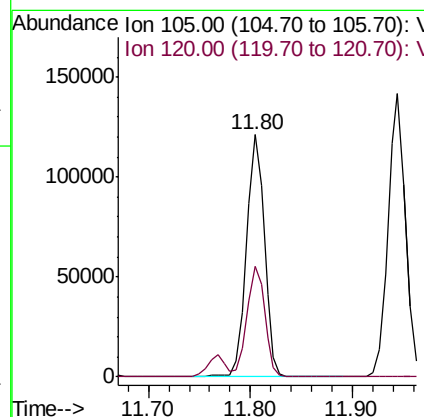
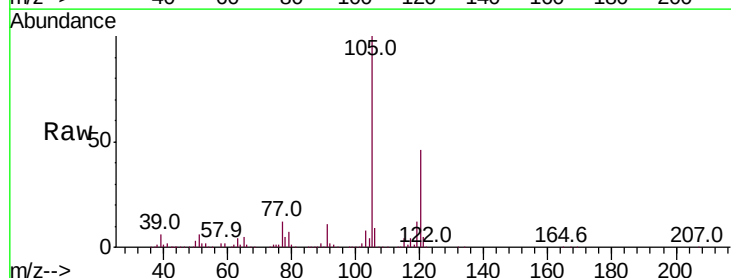
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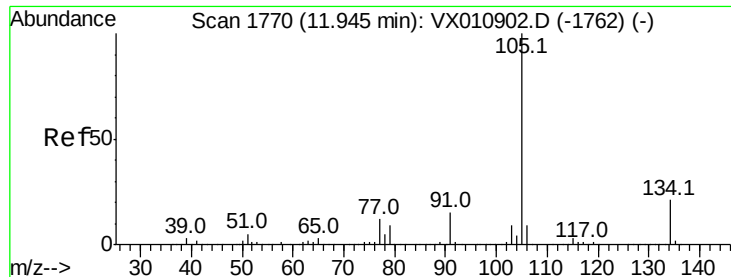
MMDadoda  
 8/1/2019 11:20:00 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.298 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 146940 |       |       |
| 120     | 45.5  | 22.9   | 68.5  |       |





#85

sec-Butylbenzene

Concen: 19.713 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA\_X

ClientSampleId :

VX0731WBS01

Tot Ion:105 Resp: 171402

Ion Ratio Lower Upper

105 100

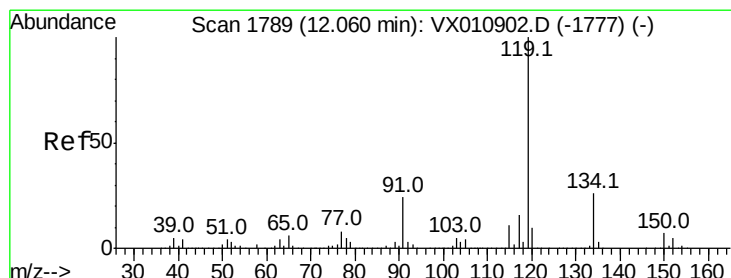
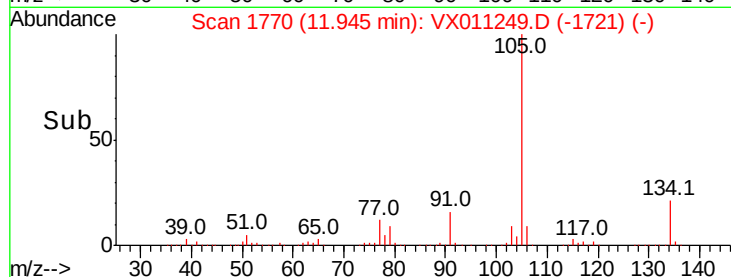
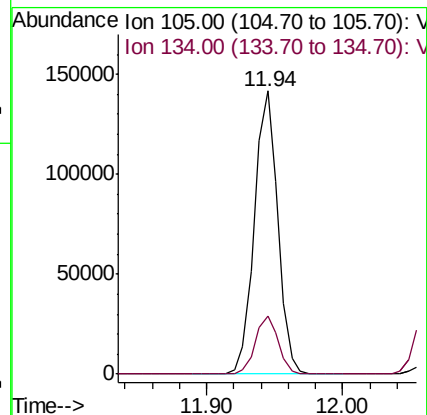
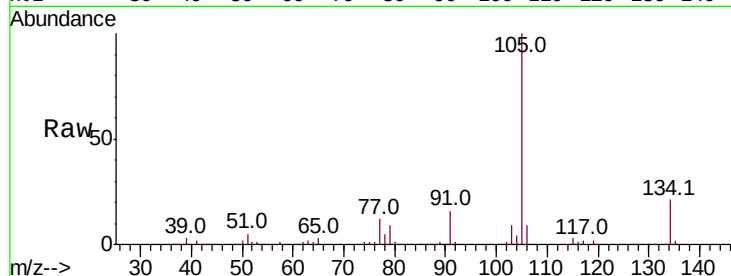
134 20.2 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.845 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

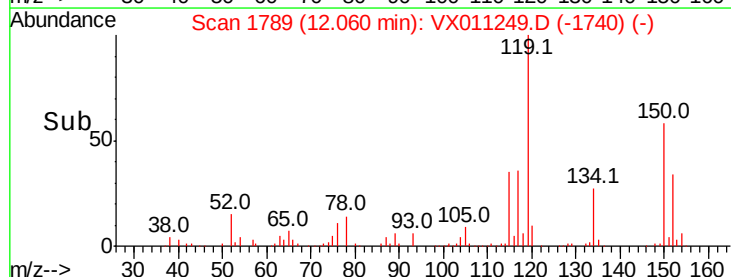
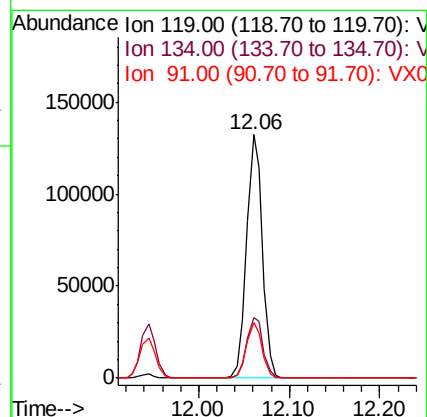
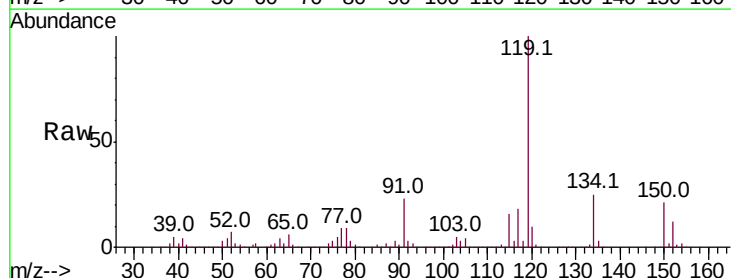
Tgt Ion:119 Resp: 159527

Ion Ratio Lower Upper

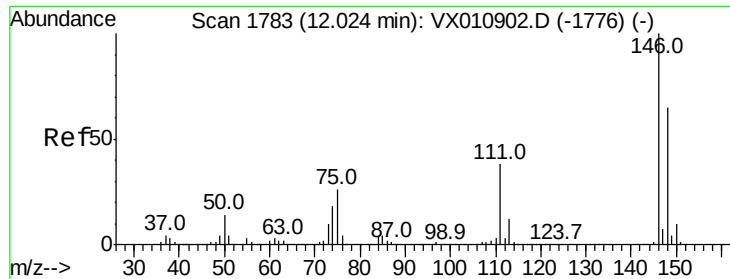
119 100

134 25.9 13.4 40.1

91 22.9 11.8 35.4







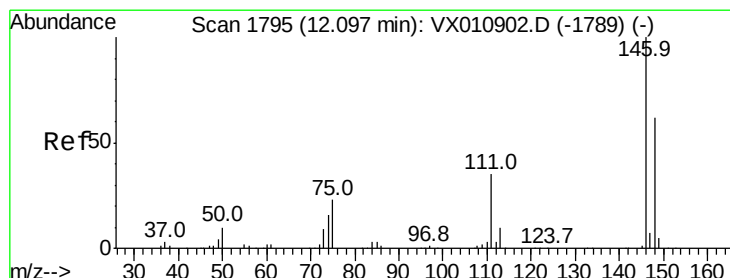
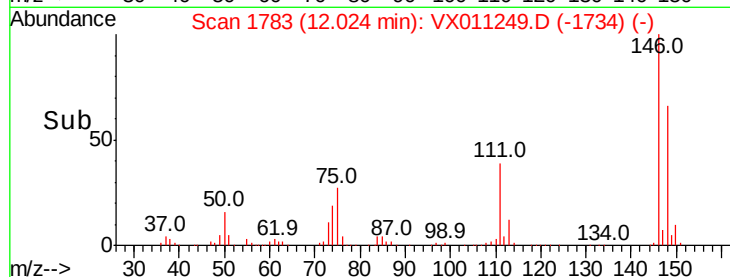
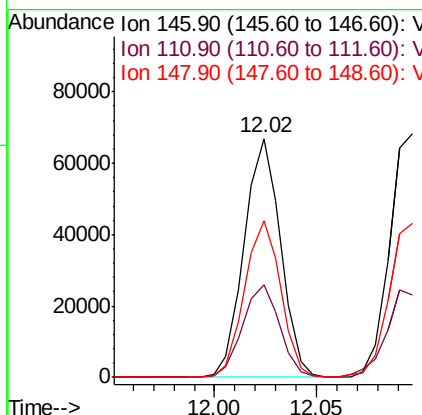
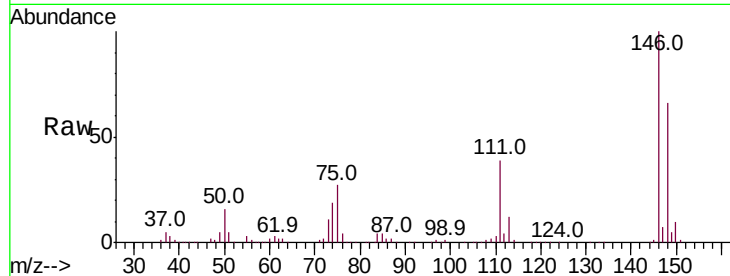
#87  
 1,3-Dichlorobenzene  
 Concen: 19.238 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 18.9  | 56.9  |
| 148     | 64.9  | 32.2  | 96.6  |

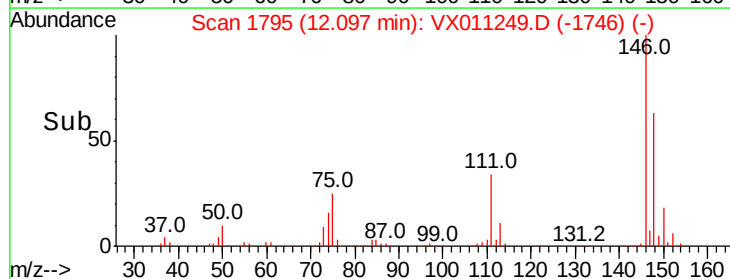
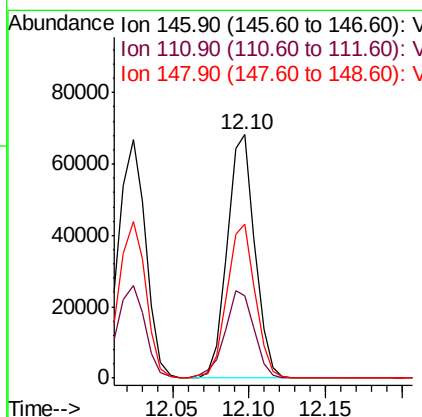
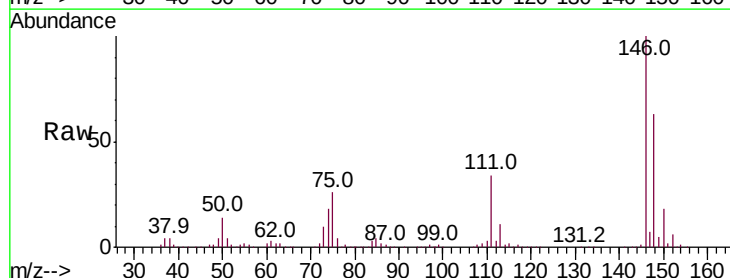
Manual Integrations  
 APPROVED

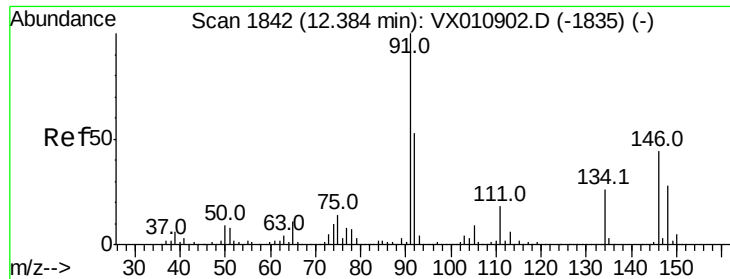
MMDadoda  
 8/1/2019 11:20:00 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 19.208 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 18.6  | 55.8  |
| 148     | 64.8  | 31.6  | 94.7  |





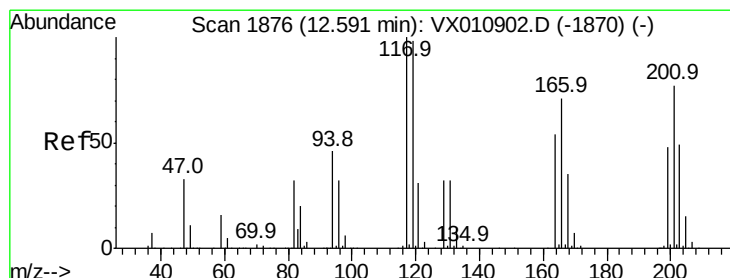
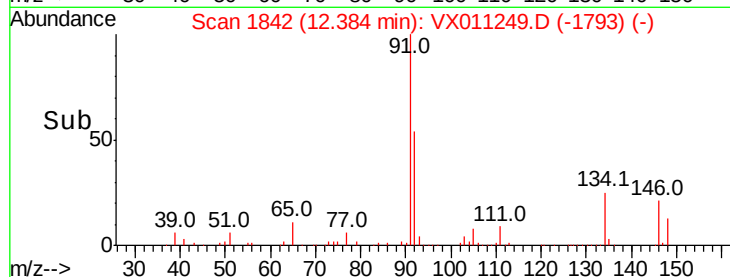
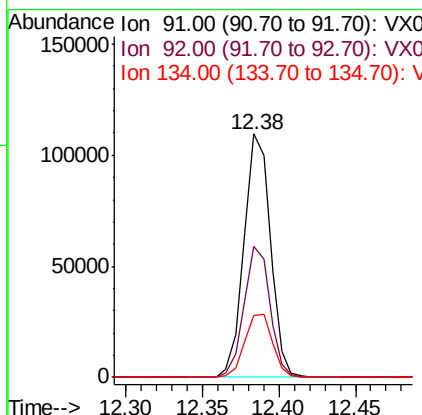
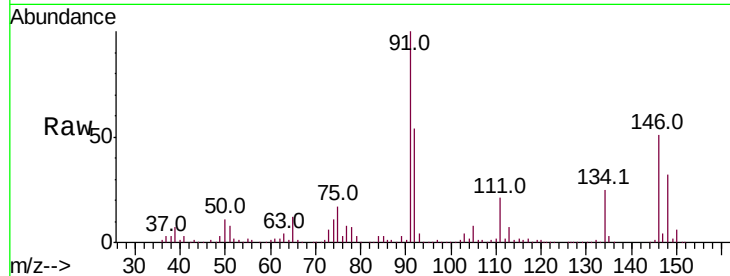
#89  
n-Butylbenzene  
Concen: 19.189 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.8  | 26.2  | 78.5  |
| 134     | 27.0  | 13.8  | 41.3  |

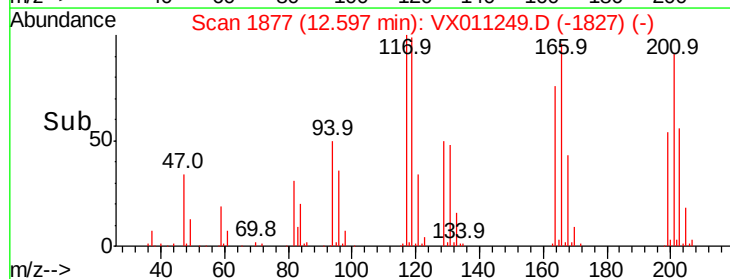
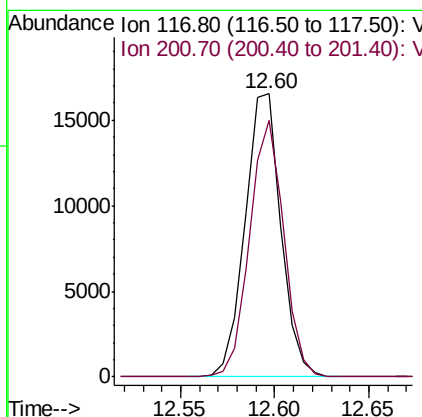
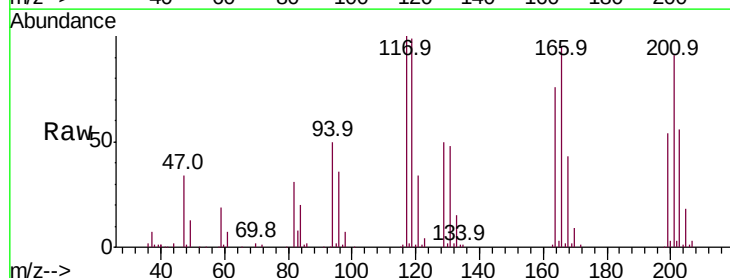
Manual Integrations  
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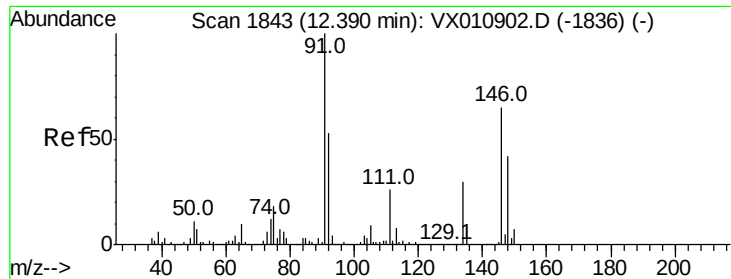
MMDadoda  
8/1/2019 11:20:00 AM



#90  
Hexachloroethane  
Concen: 17.241 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.01 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 86.2  | 43.3  | 129.8 |





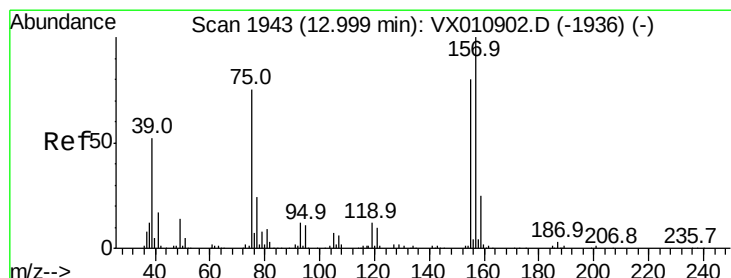
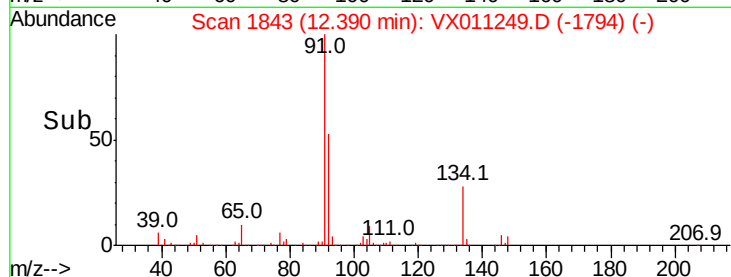
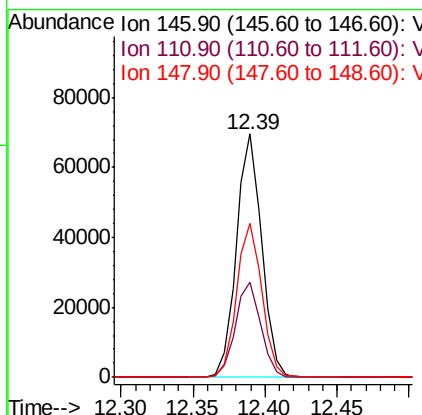
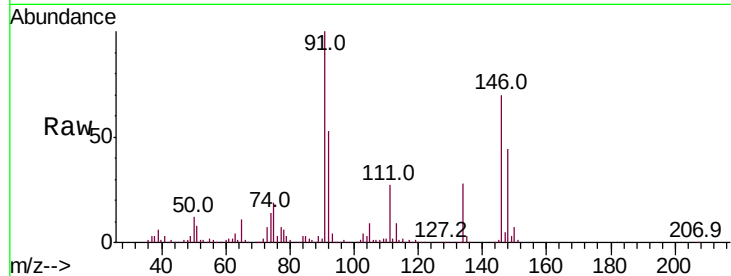
#91  
 1,2-Dichlorobenzene  
 Concen: 19.880 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.6  | 19.9  | 59.7  |
| 148     | 63.2  | 32.0  | 96.2  |

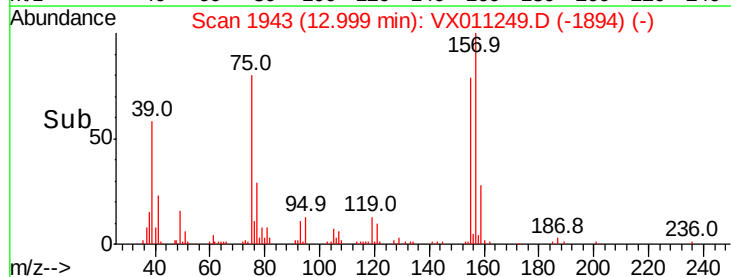
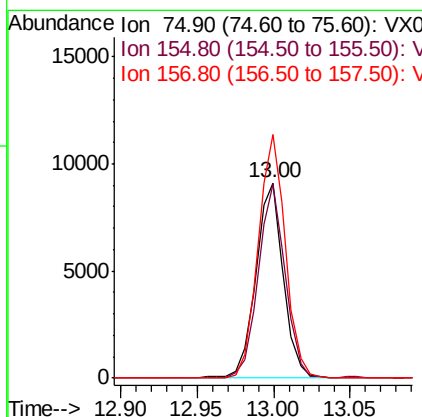
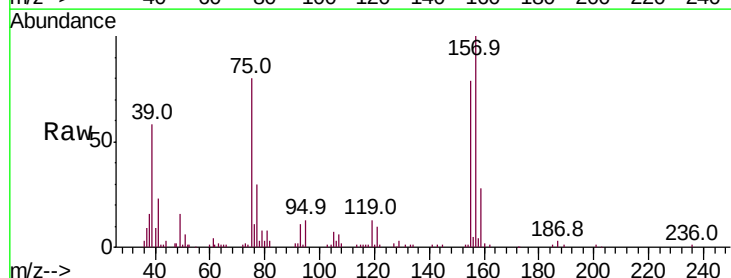
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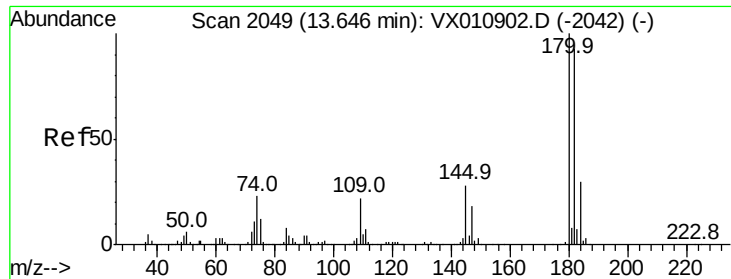
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.376 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX011249.D  
 Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 97.1  | 48.7  | 146.1 |
| 157     | 123.5 | 62.5  | 187.6 |





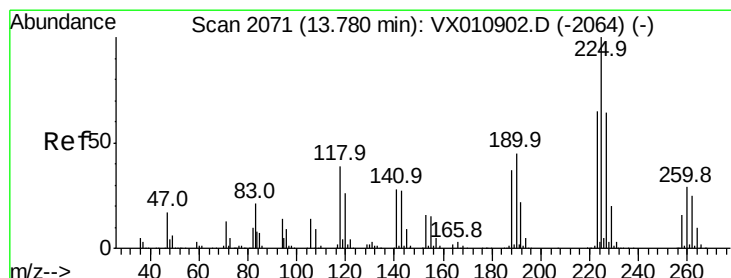
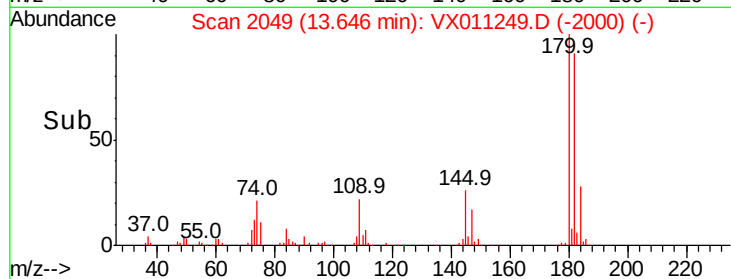
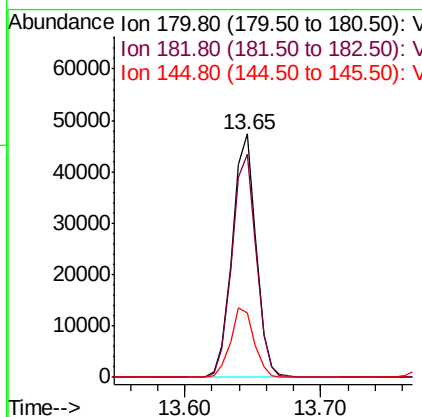
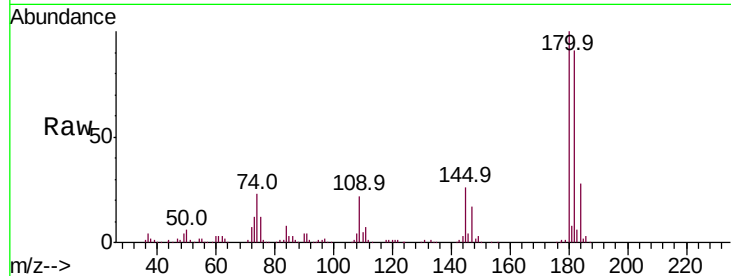
#93  
1,2,4-Trichlorobenzene  
Concen: 19.715 ug/l  
RT: 13.65 min Scan# 2049  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 57308 |       |       |
| 182     | 94.0  |       | 47.1  | 141.3 |
| 145     | 28.5  |       | 14.8  | 44.4  |

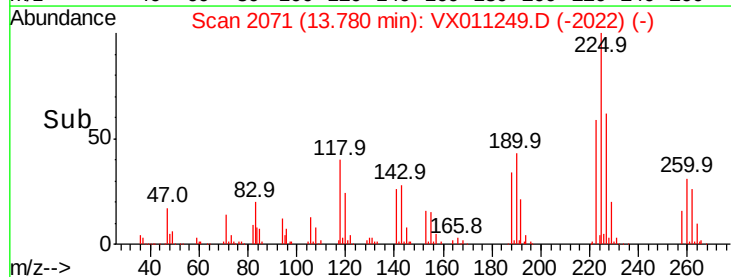
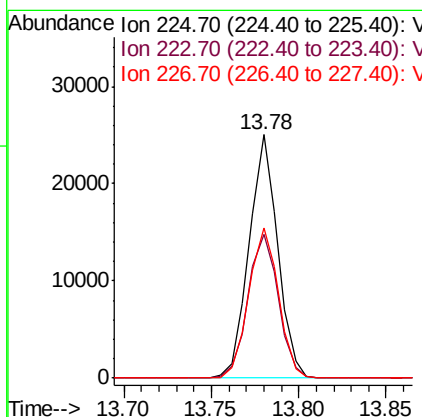
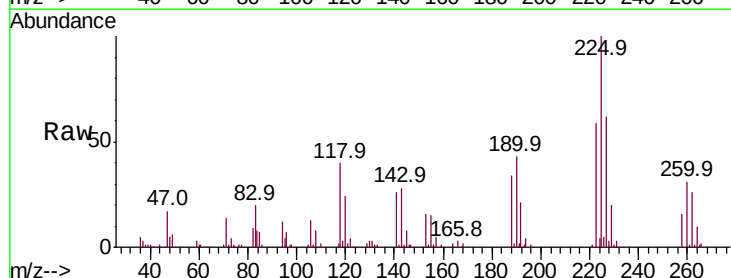
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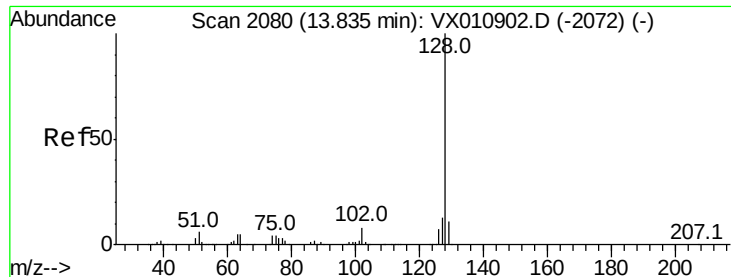
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8/1/2019 11:20:00 AM



#94  
Hexachlorobutadiene  
Concen: 19.759 ug/l  
RT: 13.78 min Scan# 2071  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 28463 |       |       |
| 223     | 62.6  |       | 31.9  | 95.9  |
| 227     | 64.1  |       | 32.5  | 97.4  |





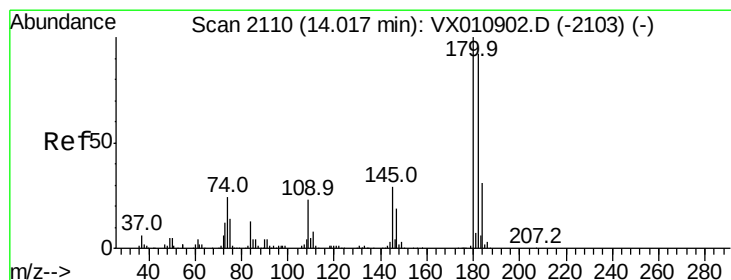
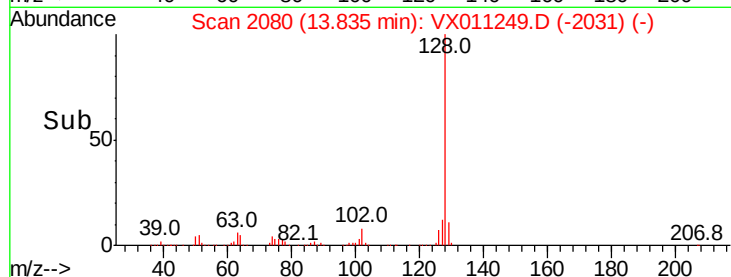
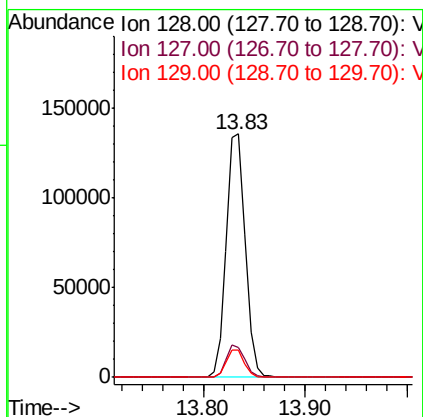
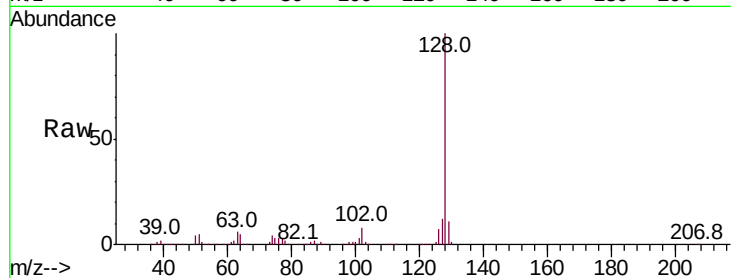
#95  
Naphthalene  
Concen: 20.403 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0731WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.9  | 10.4  | 15.6  |
| 129     | 11.1  | 8.9   | 13.3  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.448 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: VX011249.D  
Acq: 31 Jul 2019 17:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 47.4  | 142.3 |
| 145     | 30.6  | 15.1  | 45.3  |

