

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080620\  
 Data File : VX017800.D  
 Acq On : 06 Aug 2020 11:45  
 Operator : JC/SP  
 Sample : VX0806WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0806WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 8/7/2020 4:32:34 PM

Quant Time: Aug 06 15:35:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 24 05:48:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 431246   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 659844   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 619612   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 320972   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 302656   | 54.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.28% |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 236979   | 53.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.40% |      |
| 50) Toluene-d8            | 8.70   | 98  | 822407   | 51.66 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.32% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 322531   | 50.62 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.24% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 71011   | 17.078  | ug/l | 97     |
| 3) Chloromethane              | 1.32 | 50  | 87155   | 16.597  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.39 | 62  | 89070   | 16.413  | ug/l | 98     |
| 5) Bromomethane               | 1.63 | 94  | 62720   | 19.655  | ug/l | 98     |
| 6) Chloroethane               | 1.71 | 64  | 54848   | 17.838  | ug/l | 95     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 154269  | 18.074  | ug/l | 100    |
| 8) Diethyl Ether              | 2.17 | 74  | 54003   | 18.661  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 82186   | 17.546  | ug/l | 95     |
| 10) Methyl Iodide             | 2.49 | 142 | 96531   | 16.109  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.02 | 59  | 126795  | 108.603 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 76123   | 17.090  | ug/l | 97     |
| 13) Acrolein                  | 2.28 | 56  | 70987   | 82.465  | ug/l | 97     |
| 14) Allyl chloride            | 2.71 | 41  | 145717  | 17.916  | ug/l | 96     |
| 15) Acrylonitrile             | 3.12 | 53  | 270966  | 107.455 | ug/l | 100    |
| 16) Acetone                   | 2.42 | 43  | 250138  | 102.593 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.55 | 76  | 205509  | 15.179  | ug/l | 100    |
| 18) Methyl Acetate            | 2.75 | 43  | 130612  | 22.746  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 298906  | 19.388  | ug/l | 100    |
| 20) Methylene Chloride        | 2.84 | 84  | 97790   | 20.539  | ug/l | 93     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 87053   | 18.243  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.83 | 45  | 292777  | 19.687  | ug/l | 96     |
| 23) Vinyl Acetate             | 3.79 | 43  | 1316606 | 99.292  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 169267  | 19.758  | ug/l | 98     |
| 25) 2-Butanone                | 4.64 | 43  | 389136  | 112.349 | ug/l | 93     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 150962  | 19.686  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96  | 98737   | 19.050  | ug/l | 99     |
| 28) Bromochloromethane        | 4.98 | 49  | 70497   | 18.159  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.10 | 42  | 248032  | 115.607 | ug/l | 99     |
| 30) Chloroform                | 5.18 | 83  | 180951  | 20.672  | ug/l | 94     |
| 31) Cyclohexane               | 5.55 | 56  | 124935  | 18.288  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 167899  | 20.341  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 121277  | 19.164  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.80 | 43  | 147964  | 21.369  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 152445  | 19.836  | ug/l | 100    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX080620\  
 Data File : VX017800.D  
 Acq On : 06 Aug 2020 11:45  
 Operator : JC/SP  
 Sample : VX0806WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0806WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 8/7/2020 4:32:34 PM

Quant Time: Aug 06 15:35:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 24 05:48:09 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 128320   | 17.369  | ug/l   | 95       |
| 40) Benzene                    | 6.11  | 78   | 362581   | 19.984  | ug/l   | 96       |
| 41) Methacrylonitrile          | 5.01  | 41   | 84740    | 21.351  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 147618   | 19.888  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 6.42  | 43   | 235497   | 20.613  | ug/l   | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 108614   | 20.484  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 96737    | 19.233  | ug/l   | 100      |
| 46) Dibromomethane             | 7.64  | 93   | 70008    | 19.695  | ug/l   | 96       |
| 47) Bromodichloromethane       | 7.88  | 83   | 150182   | 20.998  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.75  | 41   | 115820   | 20.451  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 49497    | 455.873 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 751779   | 110.284 | ug/l   | 99       |
| 52) Toluene                    | 8.77  | 92   | 230029   | 19.769  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 158758   | 19.829  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.41  | 75   | 161907   | 19.826  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 102072   | 21.058  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 149211   | 20.432  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 163003   | 20.423  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 350404   | 91.076  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 582468   | 113.492 | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.57  | 129  | 122969   | 19.960  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 106625   | 20.662  | ug/l   | 97       |
| 64) Tetrachloroethene          | 9.32  | 164  | 112451   | 20.221  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.12 | 112  | 259717   | 19.365  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 109700   | 20.267  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.24 | 91   | 436589   | 19.501  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.34 | 106  | 331977   | 38.277  | ug/l   | 96       |
| 69) o-Xylene                   | 10.68 | 106  | 159533   | 19.125  | ug/l   | 100      |
| 70) Styrene                    | 10.70 | 104  | 275675   | 19.424  | ug/l   | 100      |
| 71) Bromoform                  | 10.84 | 173  | 96819    | 20.646  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.01 | 105  | 439786   | 19.973  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 200770   | 20.522  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 144752   | 21.061  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 146237m  | 22.149  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 120692   | 19.579  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.34 | 91   | 501011   | 20.174  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 304895   | 19.819  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 381549   | 20.295  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 54221    | 20.693  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 364485   | 20.085  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 360689   | 20.050  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 380371   | 20.342  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 428440   | 20.445  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 399070   | 19.997  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 212758   | 20.099  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 213408   | 19.463  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 341771   | 19.219  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.58 | 117  | 77365    | 19.664  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 194136   | 18.660  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 37497    | 20.874  | ug/l   | 94       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080620\  
Data File : VX017800.D  
Acq On : 06 Aug 2020 11:45  
Operator : JC/SP  
Sample : VX0806WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

Manual Integrations  
APPROVED

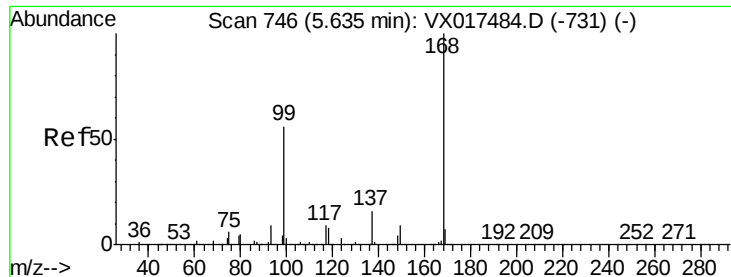
MMDadoda  
8/7/2020 4:32:34 PM

Quant Time: Aug 06 15:35:25 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X072320W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 24 05:48:09 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 132323   | 18.636 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 54804    | 16.767 | ug/l  | 96       |
| 95) Naphthalene            | 13.82 | 128  | 416153   | 19.633 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 132699   | 18.927 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0806WBS01

Tot Ion:168 Resp: 431246

Ion Ratio Lower Upper

168 100

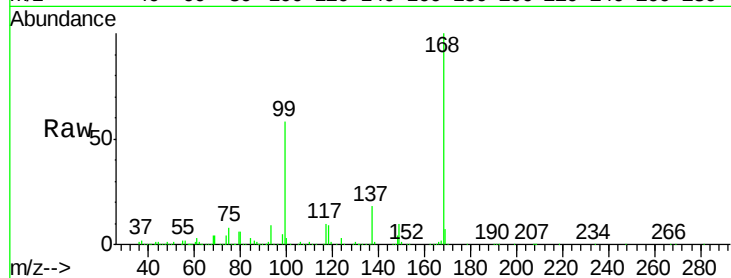
99 57.5 43.4 65.2

Manual Integrations

APPROVED

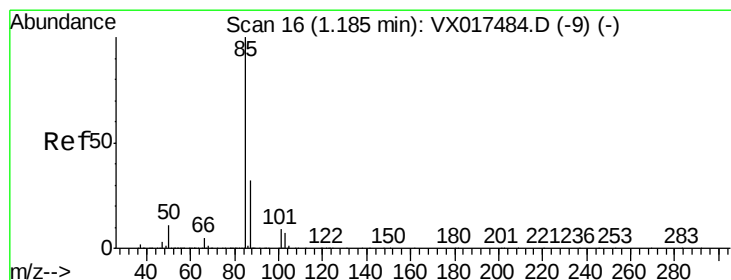
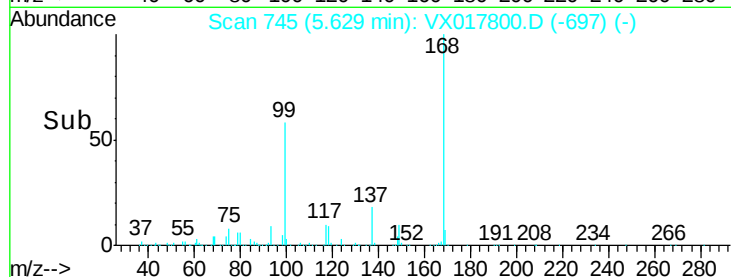
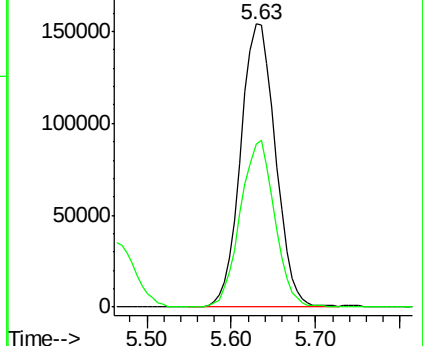
MMDadoda

8/7/2020 4:32:34 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.078 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017800.D

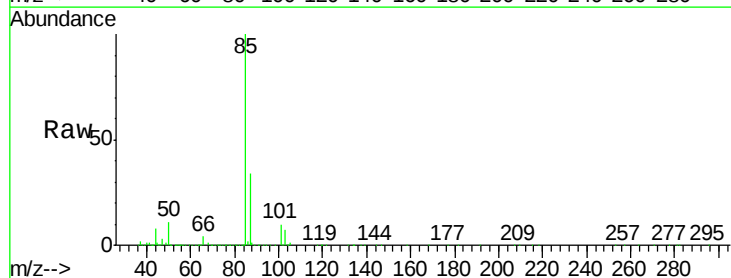
Acq: 06 Aug 2020 11:45

Tgt Ion: 85 Resp: 71011

Ion Ratio Lower Upper

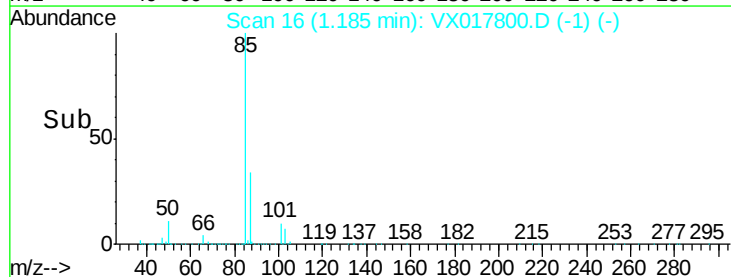
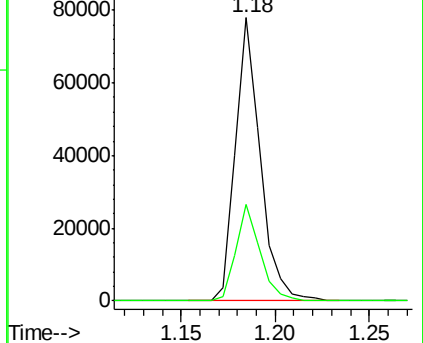
85 100

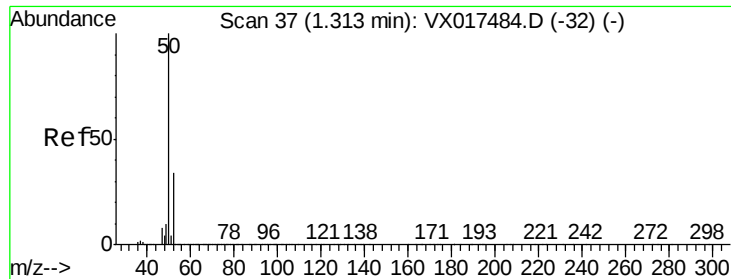
87 34.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.597 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0806WBS01

Tot Ion: 50 Resp: 87155

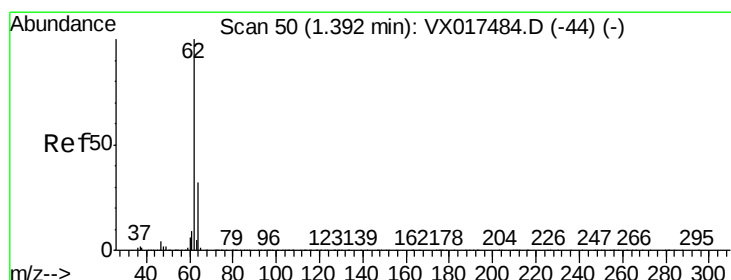
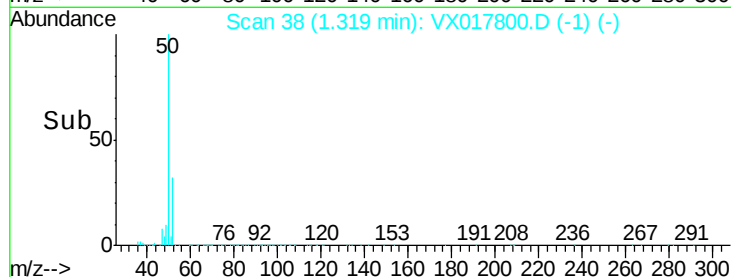
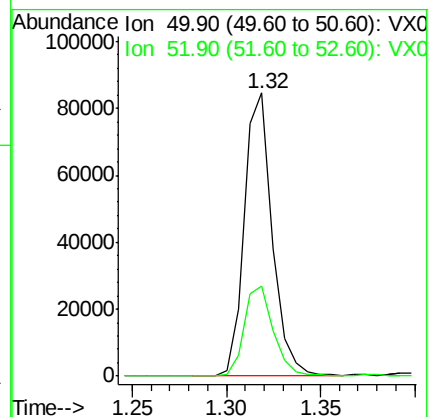
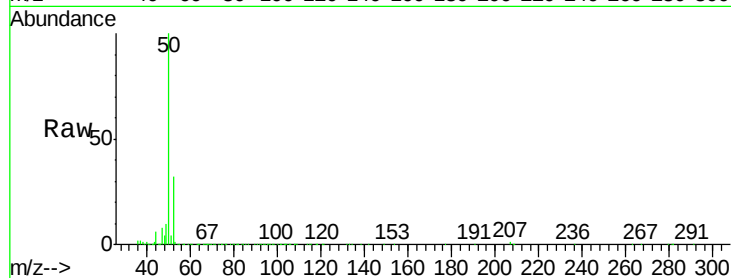
Ion Ratio Lower Upper

50 100

52 31.5 25.9 38.9

Manual Integrations  
APPROVED

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8/7/2020 4:32:34 PM



#4

Vinyl Chloride

Concen: 16.413 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017800.D

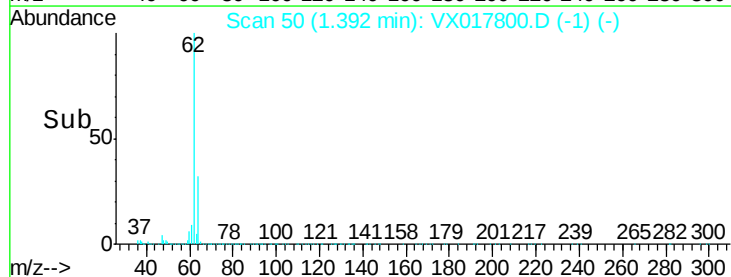
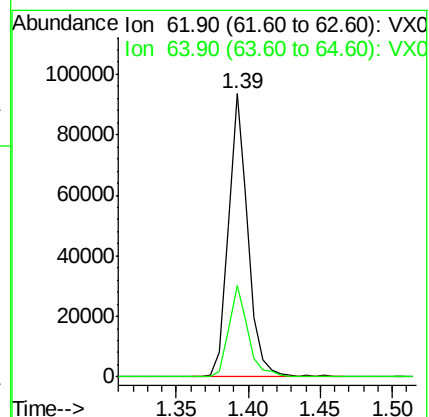
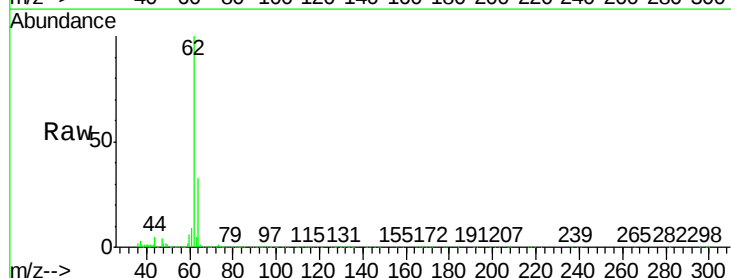
Acq: 06 Aug 2020 11:45

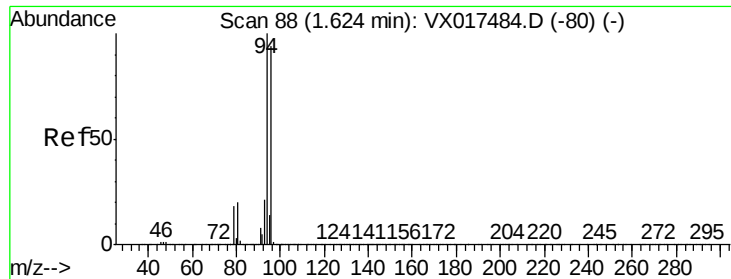
Tgt Ion: 62 Resp: 89070

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8





#5

Bromomethane

Concen: 19.655 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0806WBS01

Tot Ion: 94 Resp: 62720

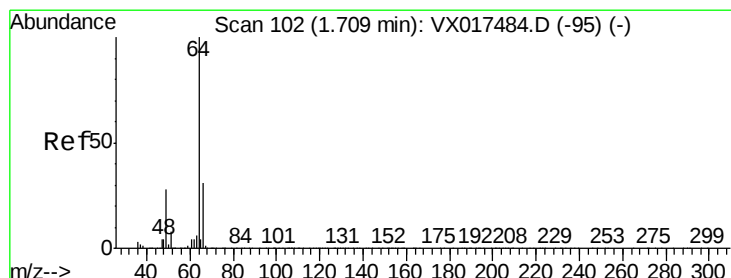
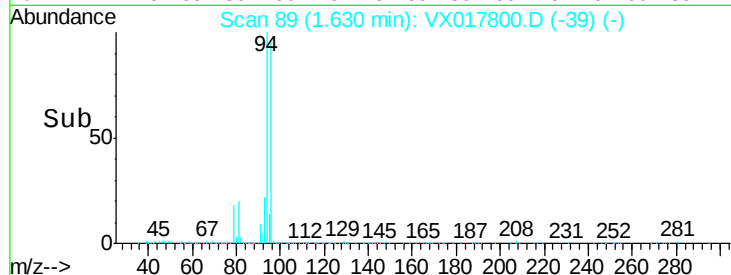
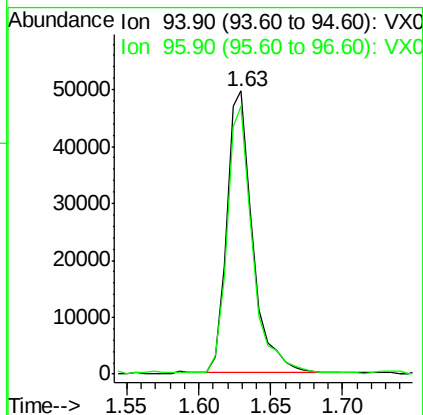
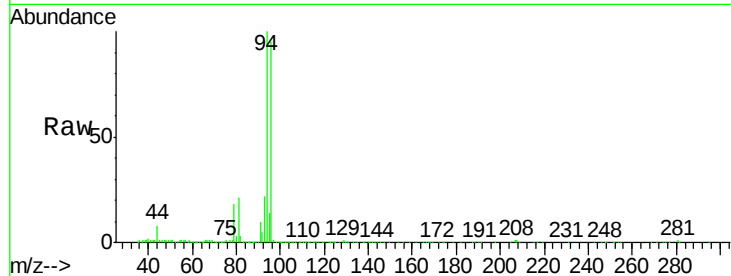
Ion Ratio Lower Upper

94 100

96 94.6 74.1 111.1

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM



#6

Chloroethane

Concen: 17.838 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017800.D

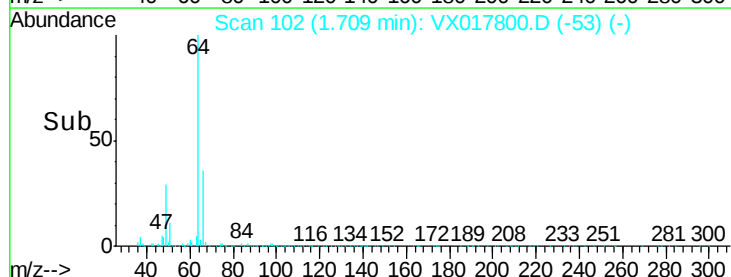
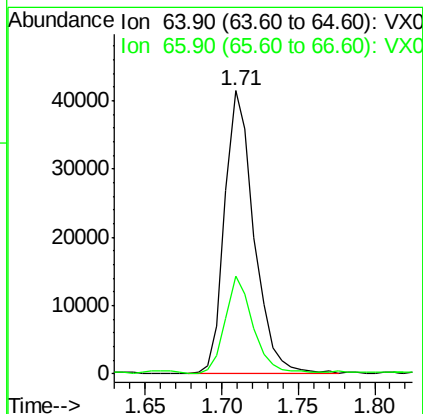
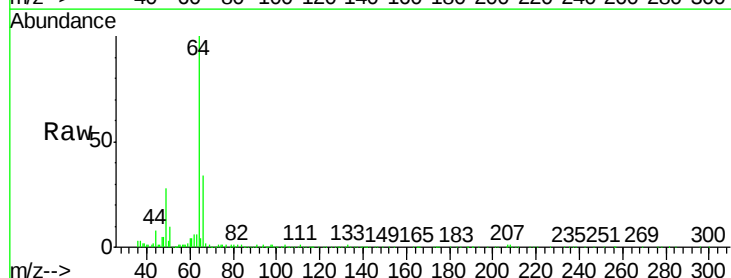
Acq: 06 Aug 2020 11:45

Tgt Ion: 64 Resp: 54848

Ion Ratio Lower Upper

64 100

66 34.1 24.9 37.3





#7

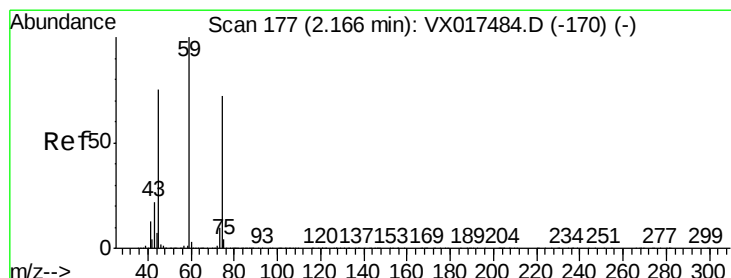
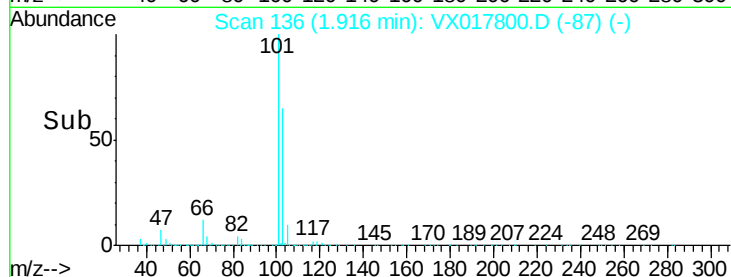
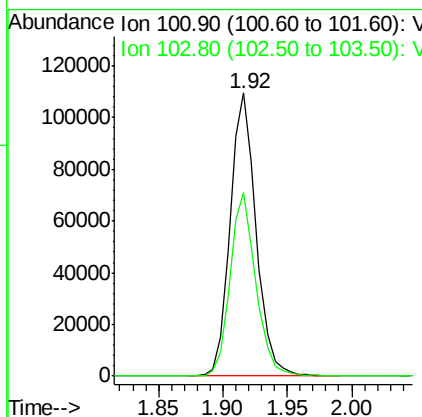
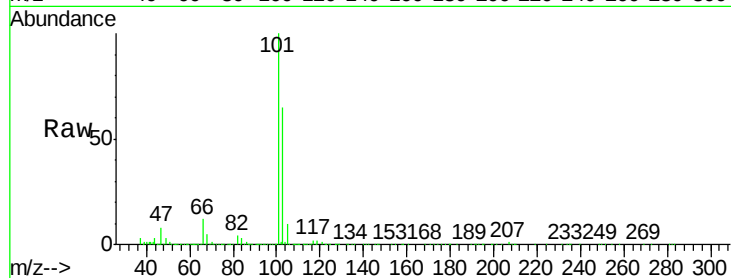
Trichlorofluoromethane  
 Concen: 18.074 ug/l  
 RT: 1.92 min Scan# 136  
 Delta R.T. -0.00 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.9  | 51.8  | 77.8  |

Manual Integrations  
 APPROVED

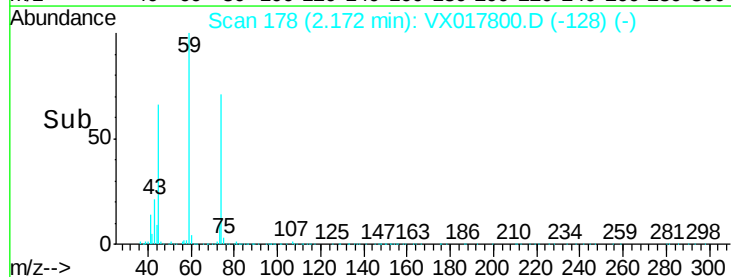
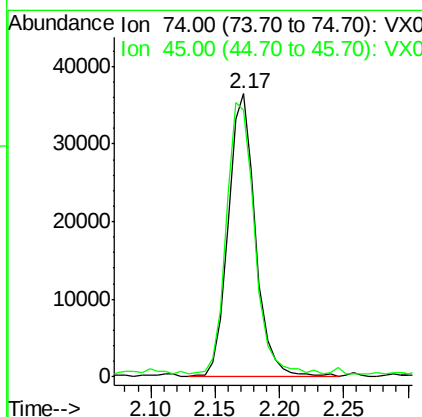
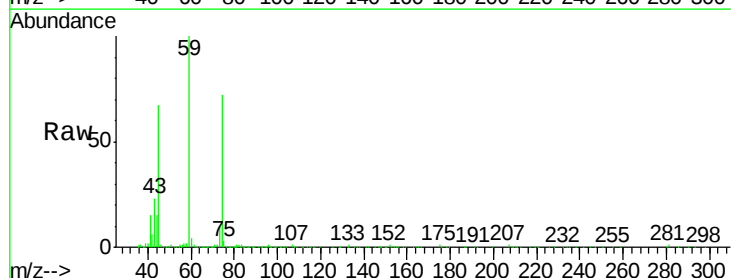
MMDadoda  
 8/7/2020 4:32:34 PM

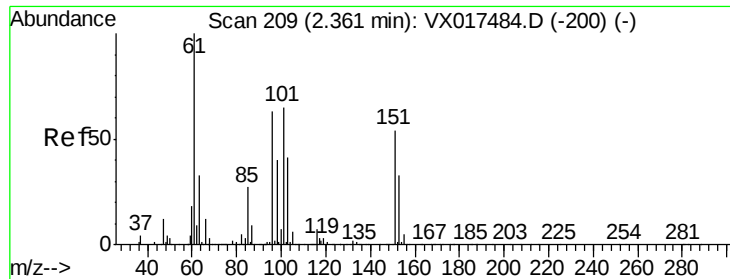


#8

Diethyl Ether  
 Concen: 18.661 ug/l  
 RT: 2.17 min Scan# 178  
 Delta R.T. 0.01 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 99.7  | 50.8  | 152.5 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.546 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

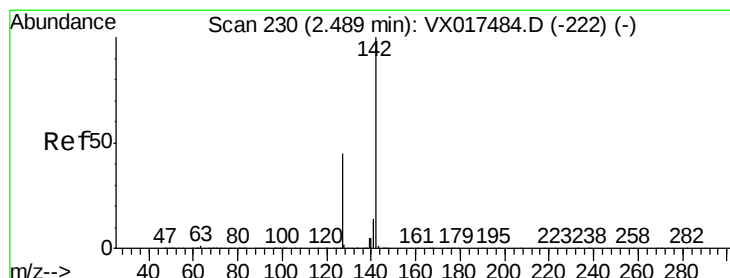
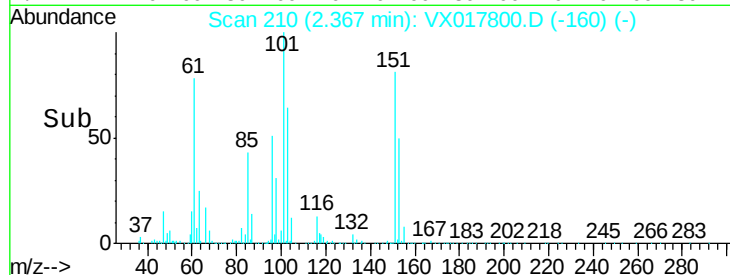
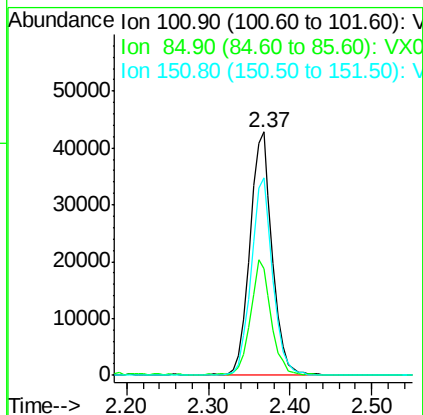
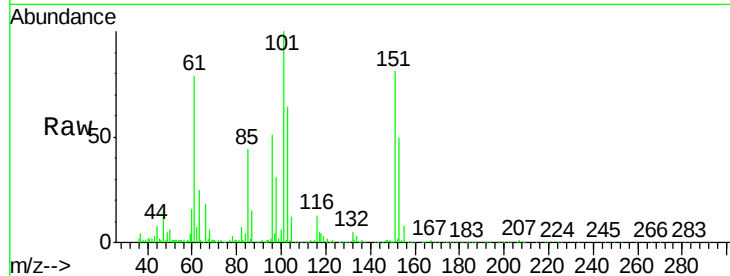
ClientSampleId :

VX0806WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 82186 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.6  | 34.8  | 52.2  |
| 151       | 78.5  | 68.0  | 102.0 |

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM



#10

Methyl Iodide

Concen: 16.109 ug/l

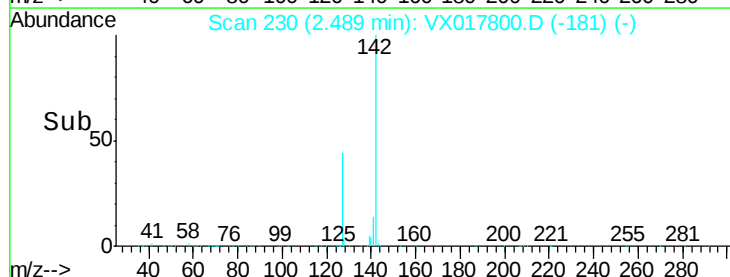
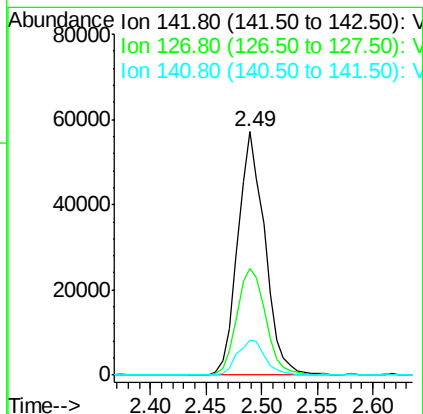
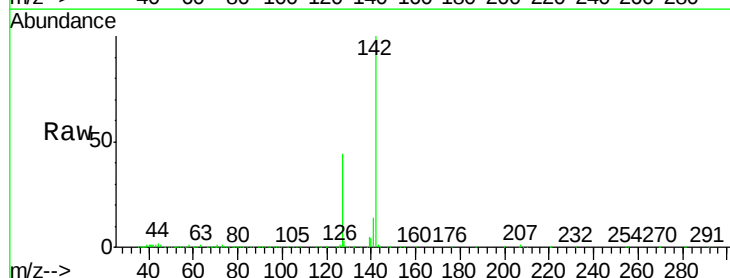
RT: 2.49 min Scan# 230

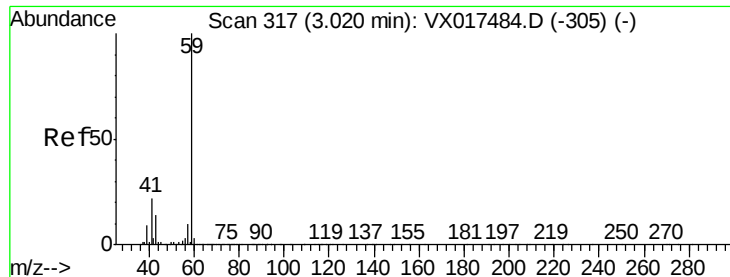
Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 96531 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 46.6  | 35.9  | 53.9  |
| 141       | 14.9  | 11.4  | 17.0  |





#11

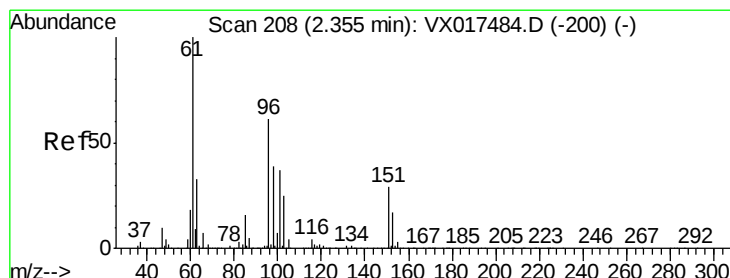
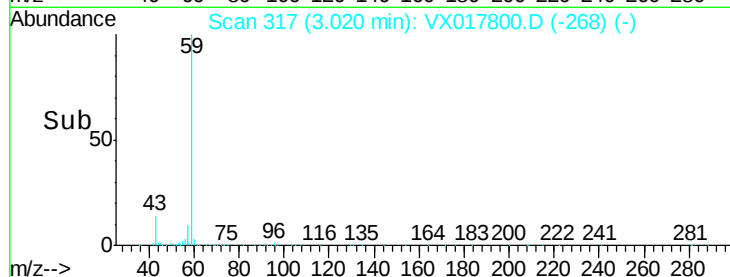
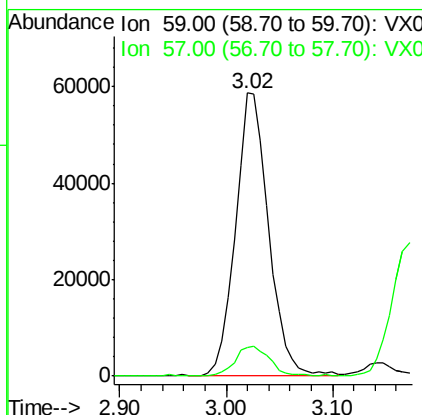
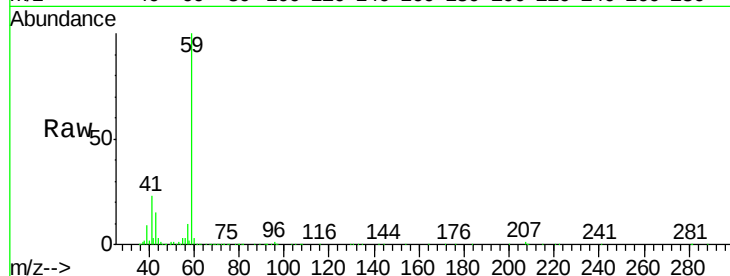
Tert butyl alcohol  
Concen: 108.603 ug/l  
RT: 3.02 min Scan# 317  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 11.3  | 8.6   | 12.8  |

Manual Integrations  
APPROVED

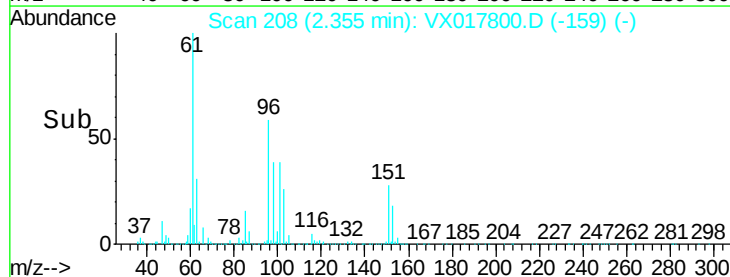
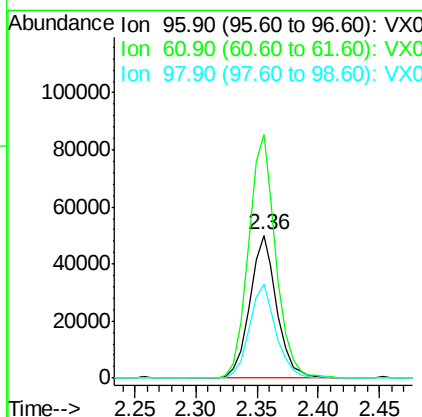
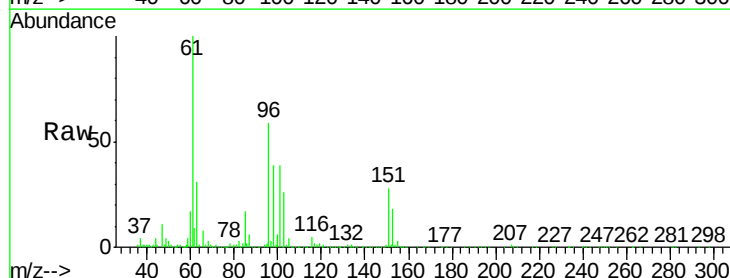
MMDadoda  
8/7/2020 4:32:34 PM

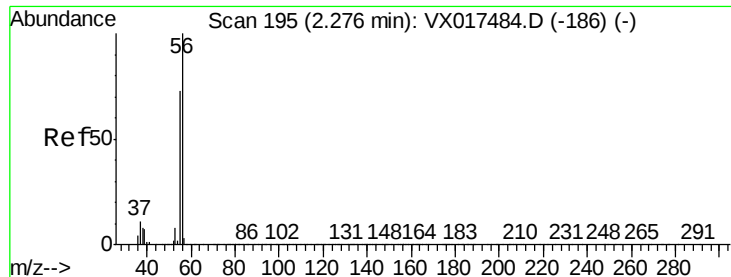


#12

1,1-Dichloroethene  
Concen: 17.090 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 171.0 | 134.0 | 201.0 |
| 98      | 66.2  | 51.0  | 76.4  |





#13

Acrolein

Concen: 82.465 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0806WBS01

Tot Ion: 56 Resp: 70987

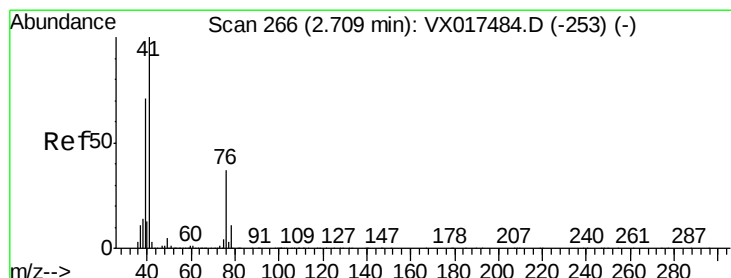
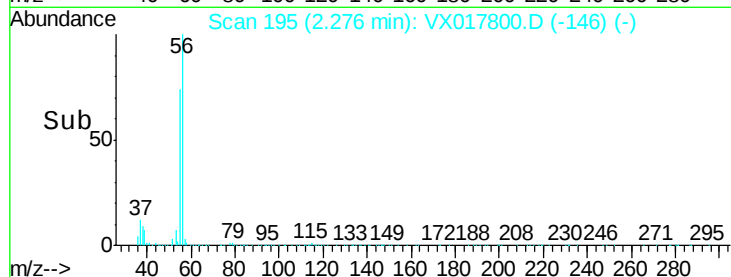
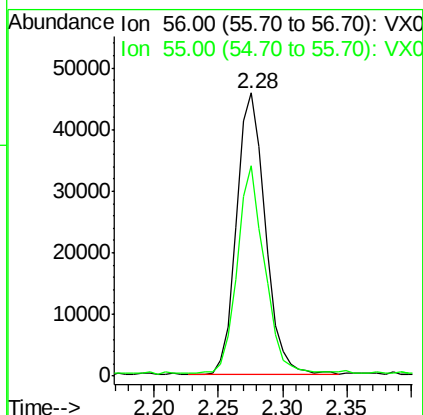
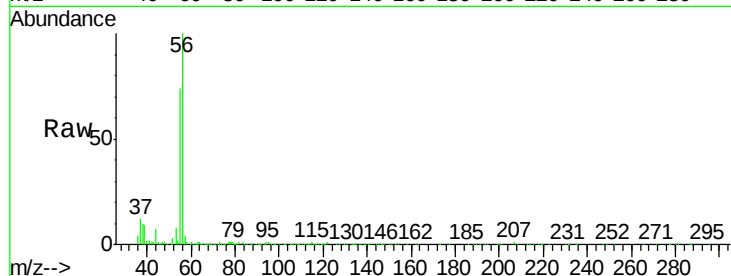
Ion Ratio Lower Upper

56 100

55 69.7 57.4 86.2

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM



#14

Allyl chloride

Concen: 17.916 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

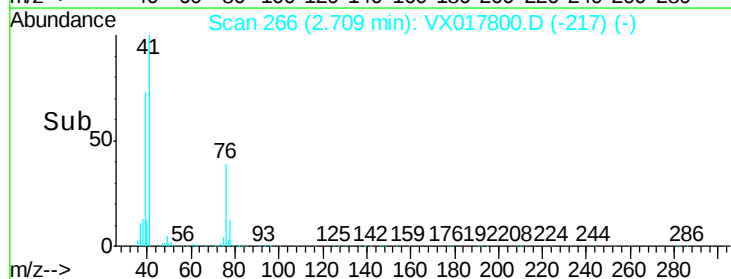
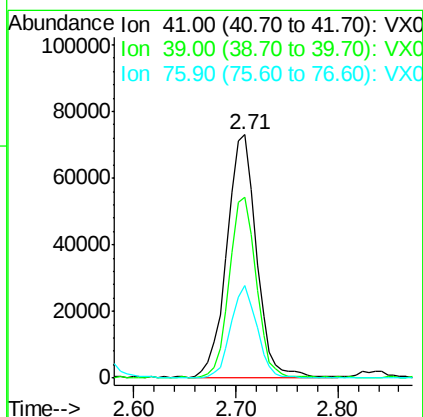
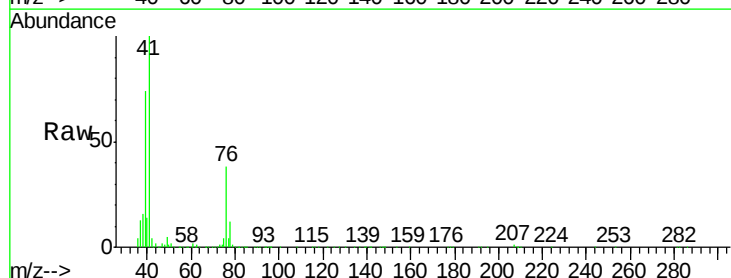
Tgt Ion: 41 Resp: 145717

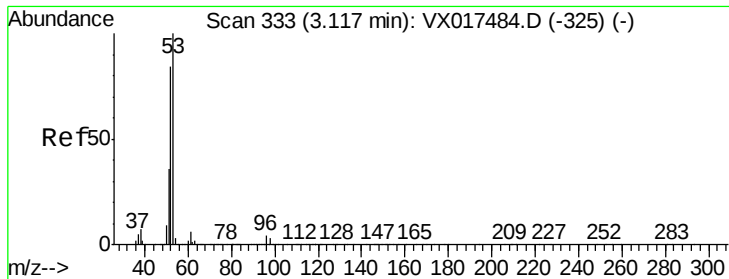
Ion Ratio Lower Upper

41 100

39 67.7 51.9 77.9

76 33.8 25.5 38.3





#15

Acrylonitrile

Concen: 107.455 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

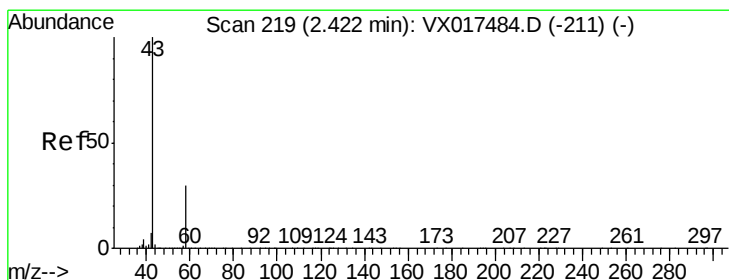
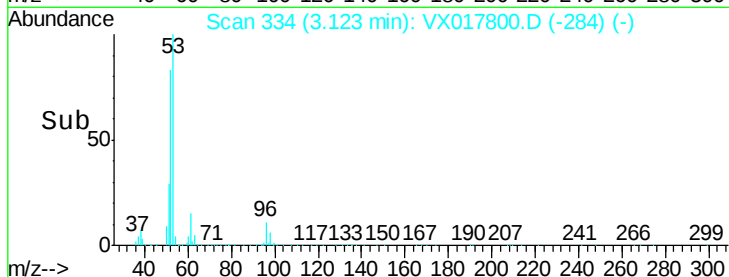
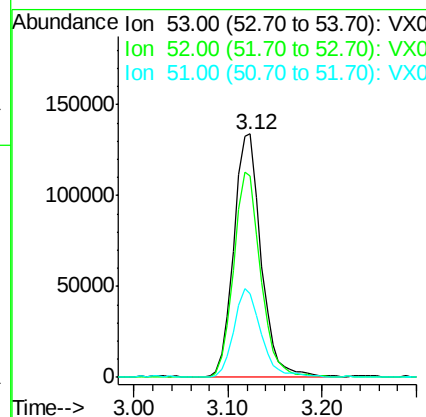
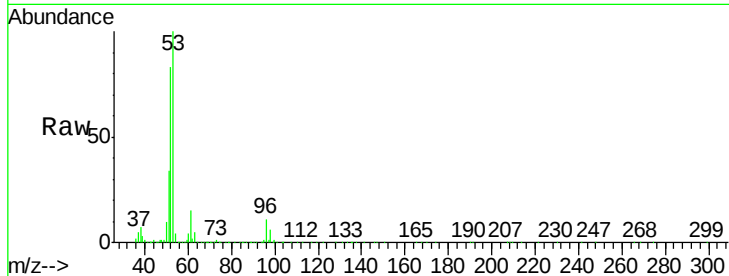
ClientSampleId :

VX0806WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 270966 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 83.1 | 66.6  | 99.8   |
| 51        | 36.6 | 29.4  | 44.2   |

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM



#16

Acetone

Concen: 102.593 ug/l

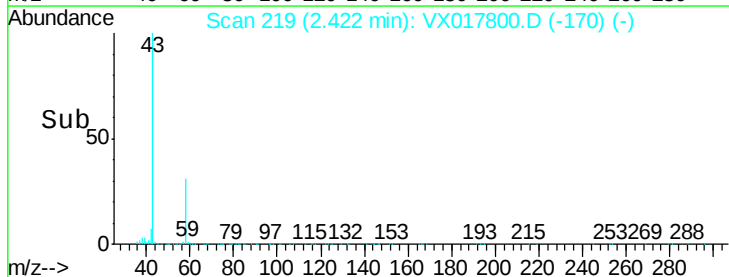
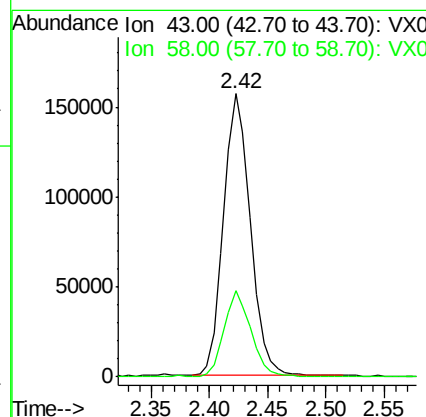
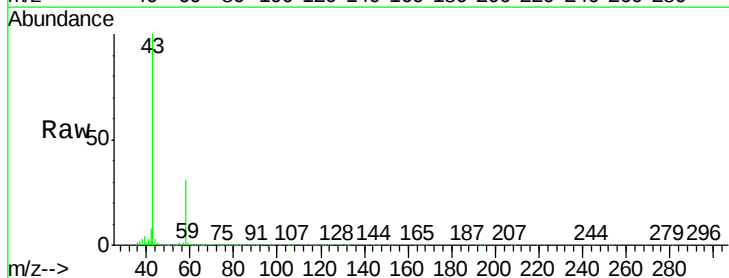
RT: 2.42 min Scan# 219

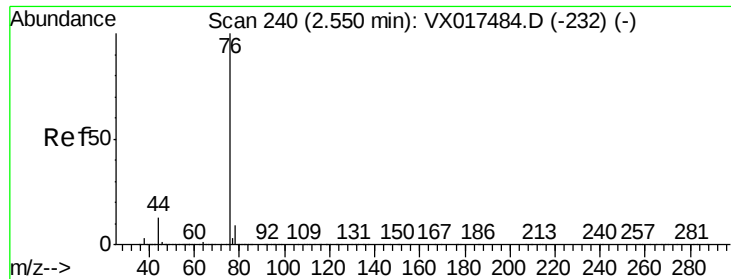
Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 250138 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 30.6 | 24.2  | 36.4   |





#17

Carbon Disulfide

Concen: 15.179 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0806WBS01

Tot Ion: 76 Resp: 205509

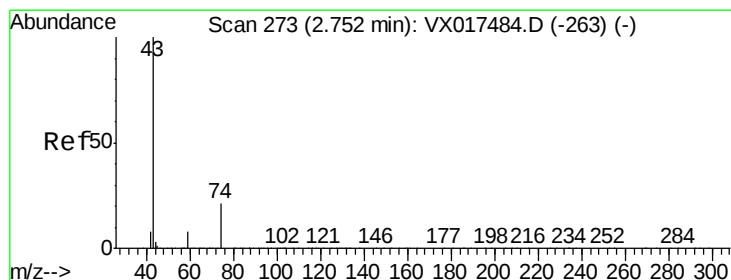
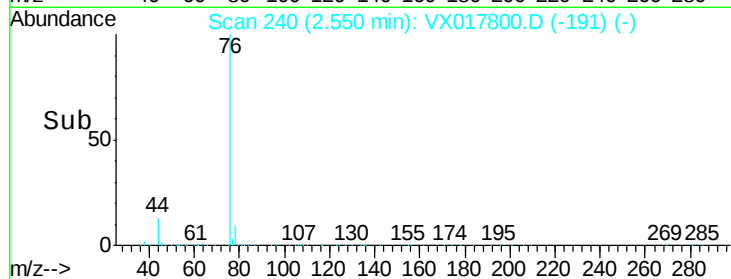
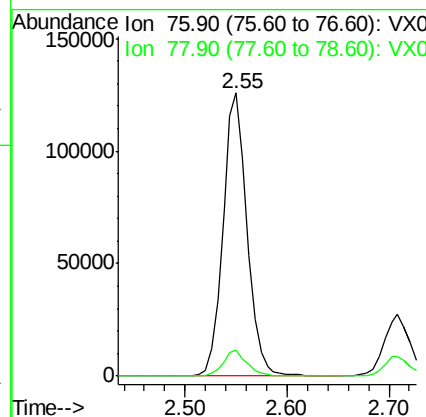
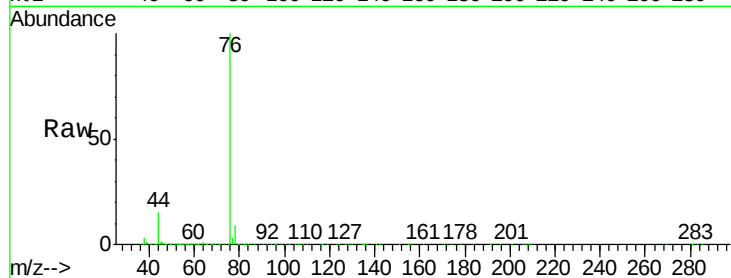
Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM



#18

Methyl Acetate

Concen: 22.746 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017800.D

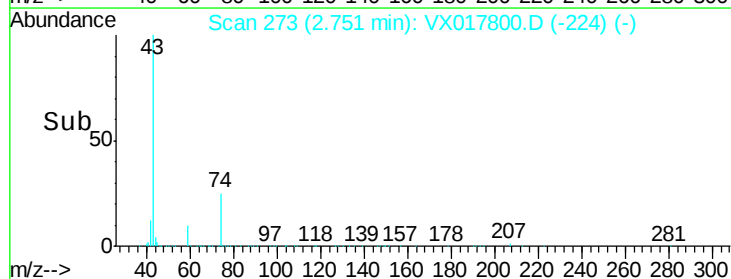
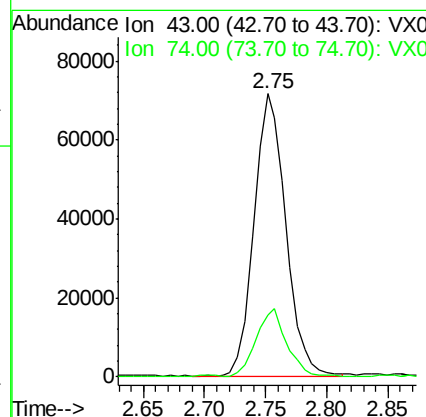
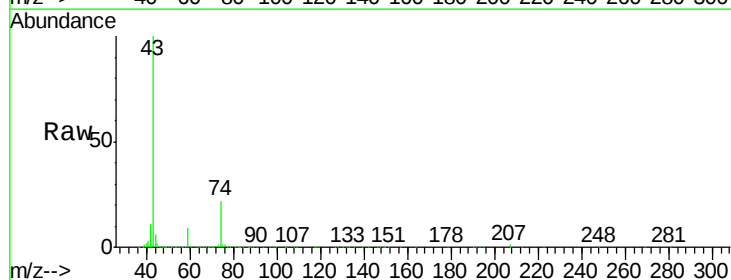
Acq: 06 Aug 2020 11:45

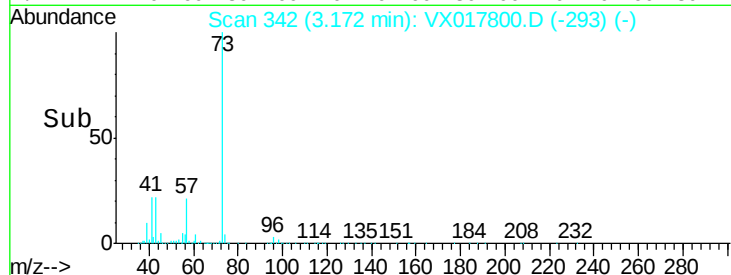
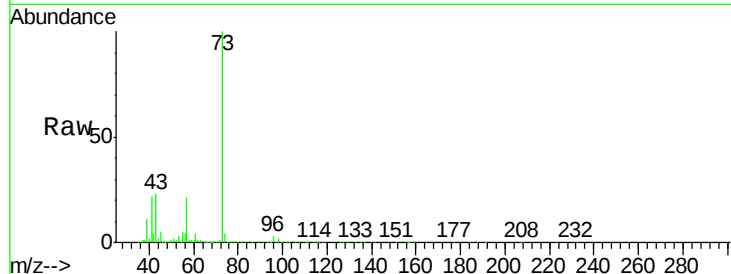
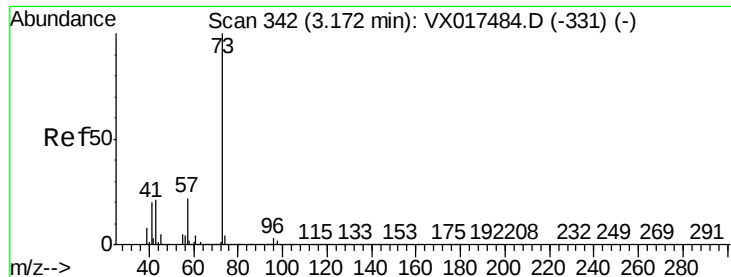
Tgt Ion: 43 Resp: 130612

Ion Ratio Lower Upper

43 100

74 23.5 17.5 26.3





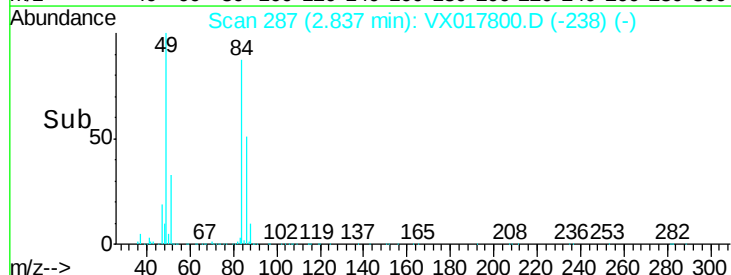
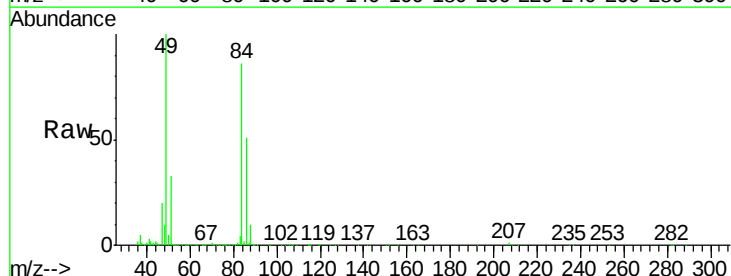
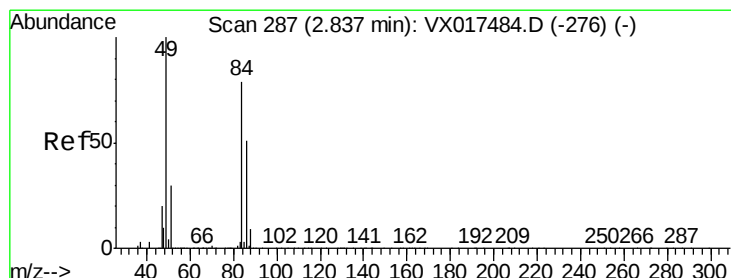
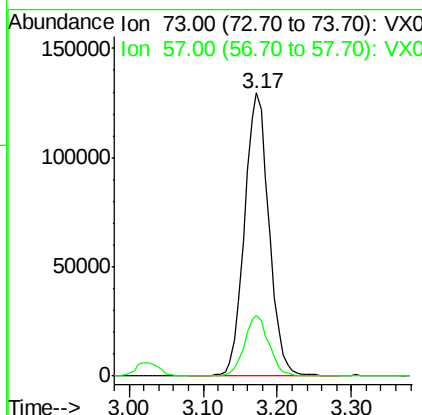
#19  
Methvl tert-butvl Ether  
Concen: 19.388 ug/l  
RT: 3.17 min Scan# 342  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.3  | 17.0  | 25.4  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

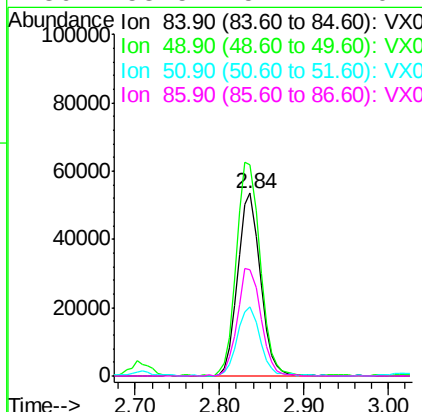
Manual Integrations  
APPROVED

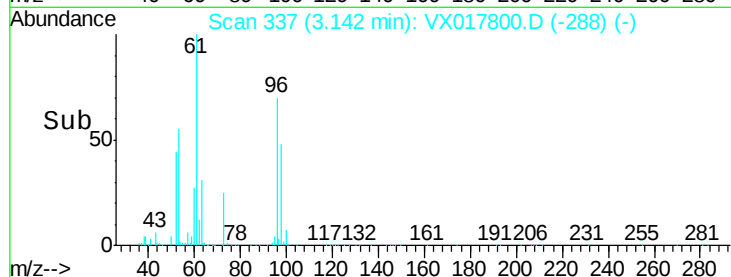
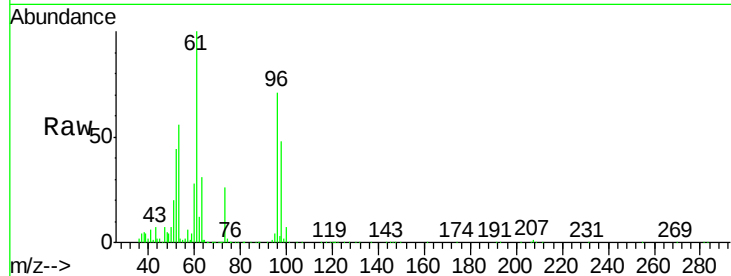
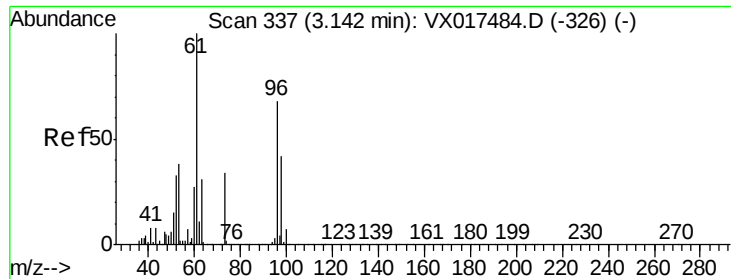
MMDadoda  
8/7/2020 4:32:34 PM



#20  
Methylene Chloride  
Concen: 20.539 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 115.2 | 100.3 | 150.5 |
| 51      | 37.9  | 30.5  | 45.7  |
| 86      | 58.5  | 51.1  | 76.7  |





#21

trans-1,2-Dichloroethene

Concen: 18.243 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017800.D

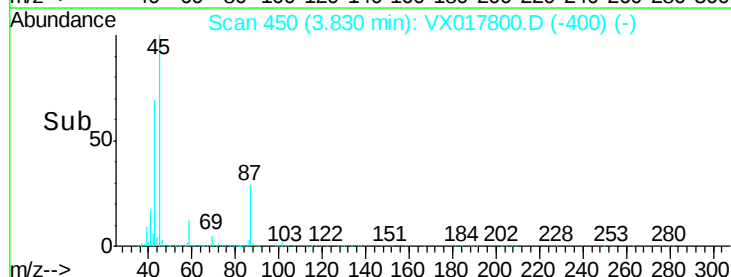
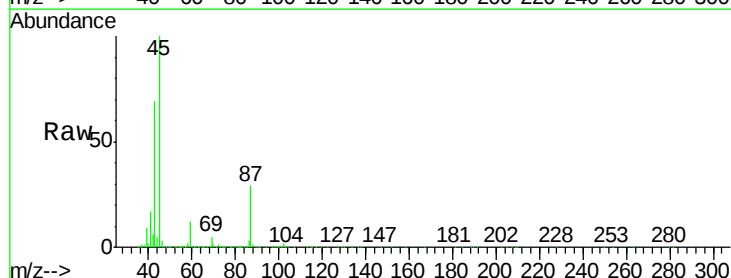
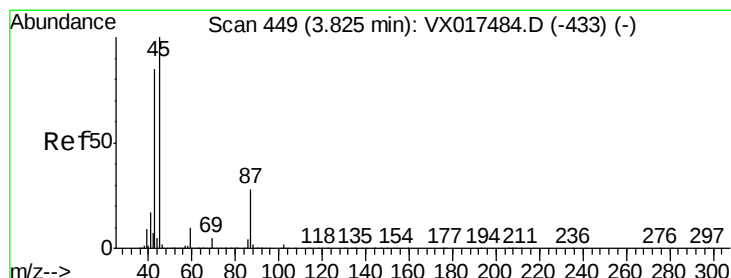
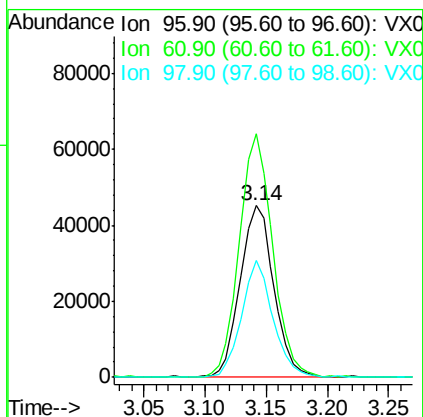
Acq: 06 Aug 2020 11:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 87053 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 141.5 | 113.0 | 169.4 |
| 98       | 68.2  | 51.8  | 77.8  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM



#22

Diisopropyl ether

Concen: 19.687 ug/l

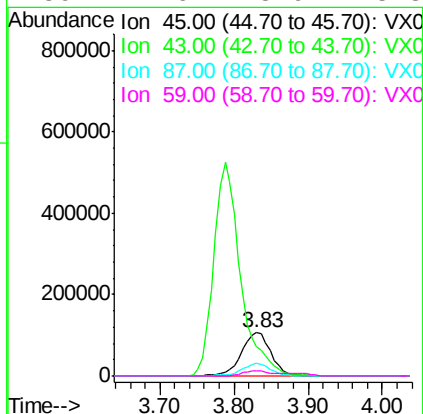
RT: 3.83 min Scan# 450

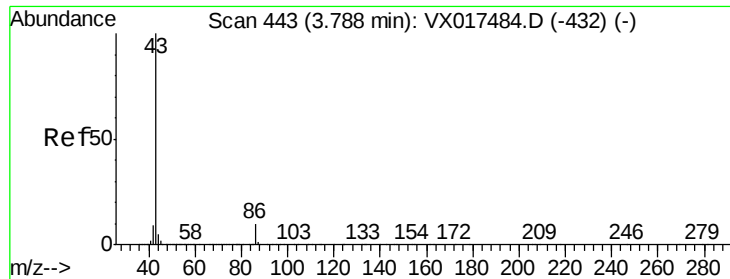
Delta R.T. 0.01 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 292777 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 68.9  | 52.0  | 78.0   |
| 87       | 29.5  | 22.2  | 33.4   |
| 59       | 11.6  | 8.9   | 13.3   |





#23

Vinyl Acetate

Concen: 99.292 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0806WBS01

Tot Ion: 43 Resp: 1316606

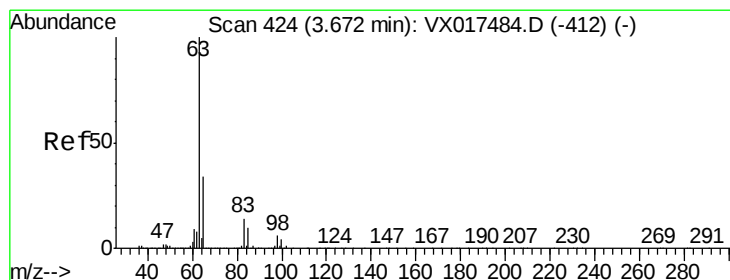
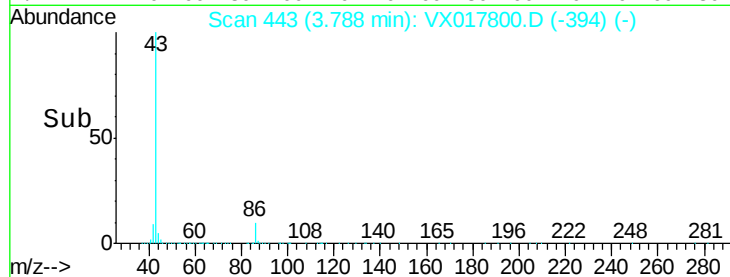
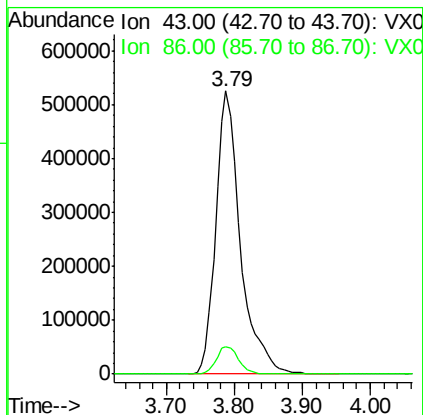
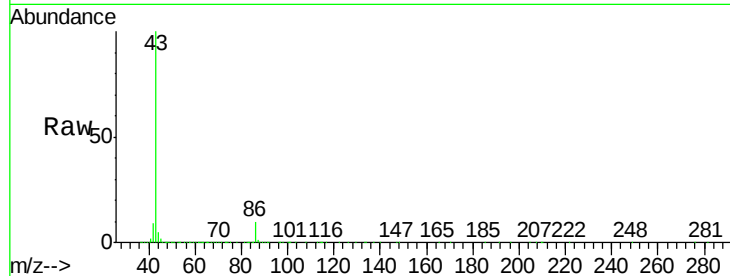
Ion Ratio Lower Upper

43 100

86 9.8 8.2 12.4

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM



#24

1,1-Dichloroethane

Concen: 19.758 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

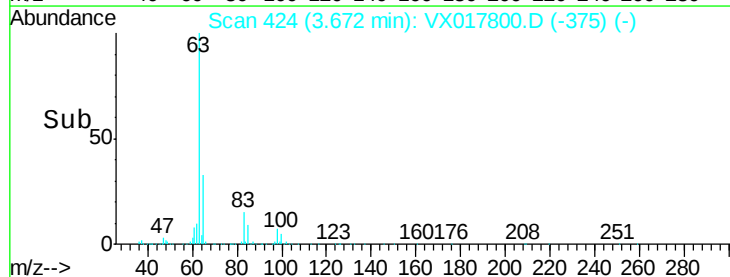
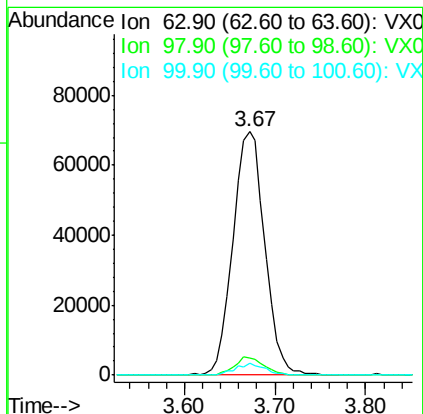
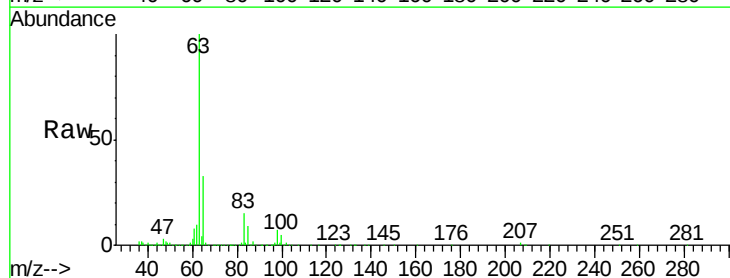
Tgt Ion: 63 Resp: 169267

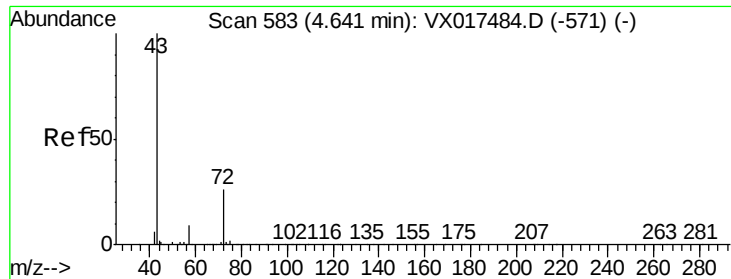
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 5.0 1.9 5.7





#25

2-Butanone

Concen: 112.349 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0806WBS01

Tot Ion: 43 Resp: 389136

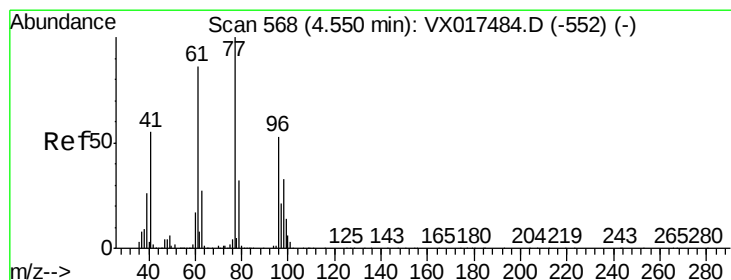
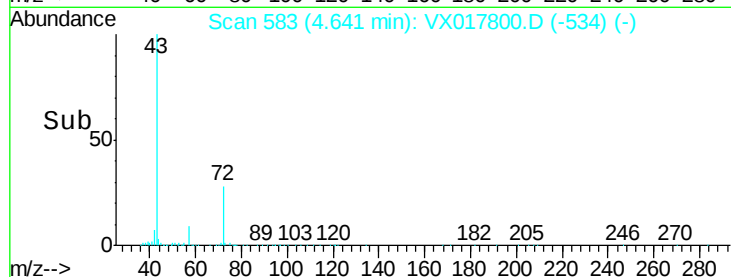
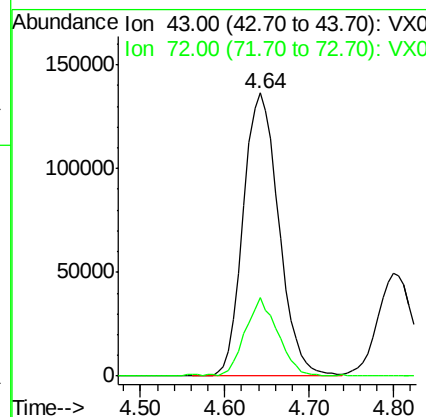
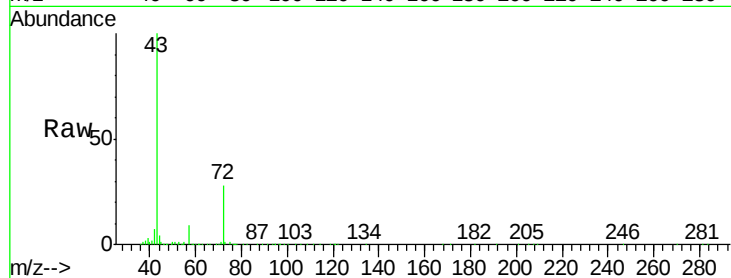
Ion Ratio Lower Upper

43 100

72 27.2 19.0 28.4

Manual Integrations  
APPROVED

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8/7/2020 4:32:34 PM



#26

2,2-Dichloropropane

Concen: 19.686 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017800.D

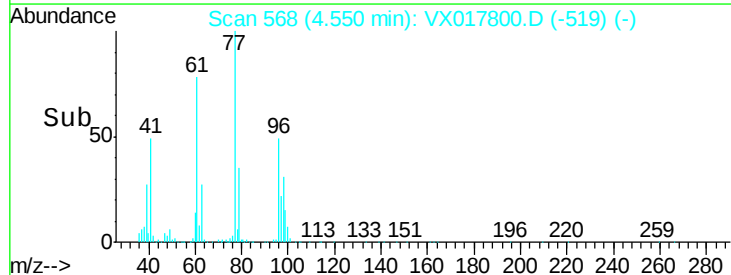
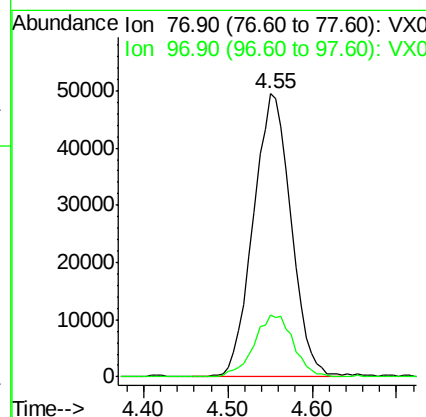
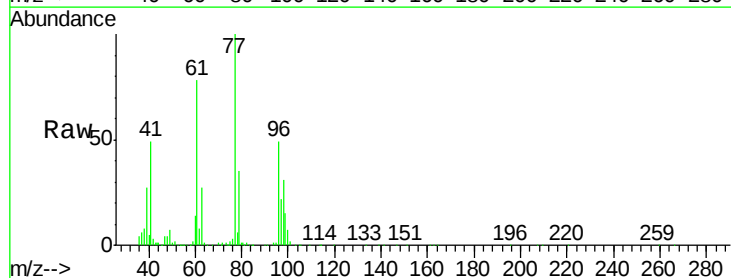
Acq: 06 Aug 2020 11:45

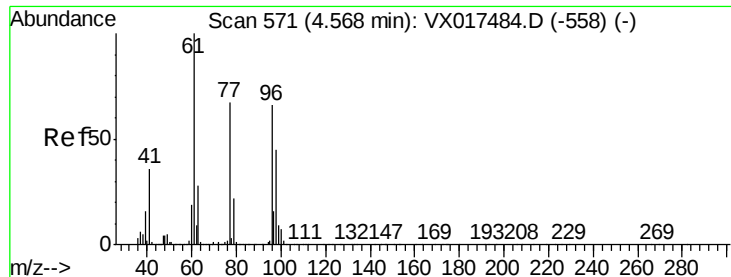
Tgt Ion: 77 Resp: 150962

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9





#27

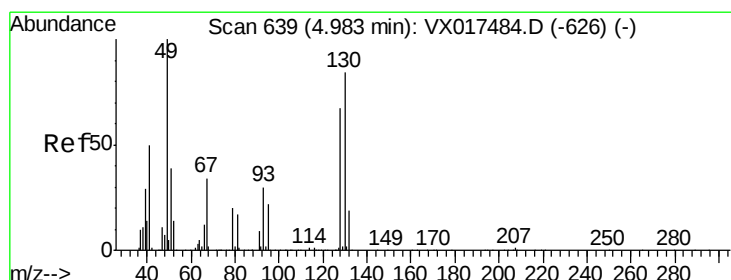
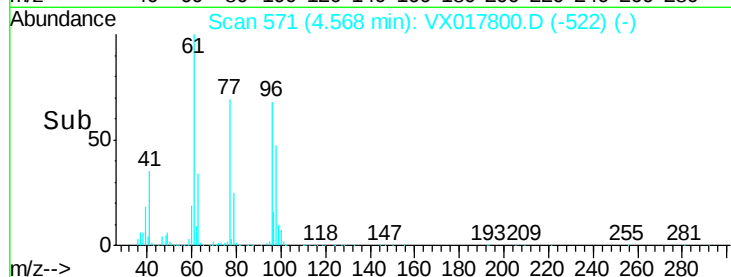
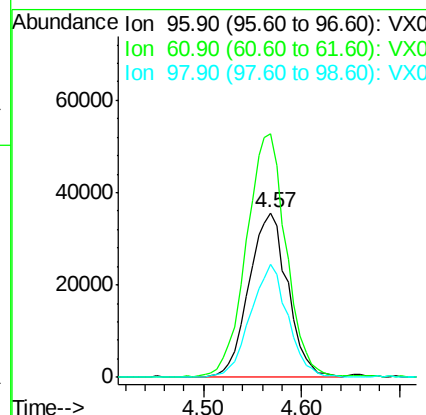
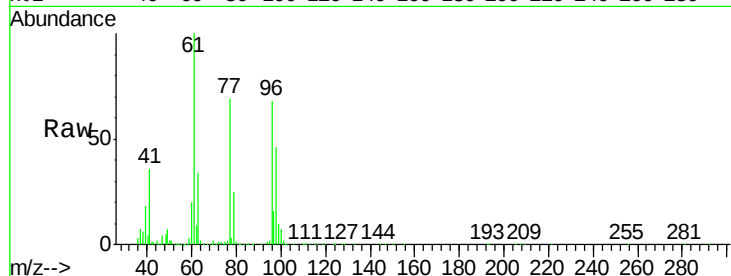
cis-1,2-Dichloroethene  
Concen: 19.050 ug/l  
RT: 4.57 min Scan# 571  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 151.7 | 0.0   | 301.2 |
| 98      | 66.2  | 0.0   | 130.0 |

Manual Integrations  
APPROVED

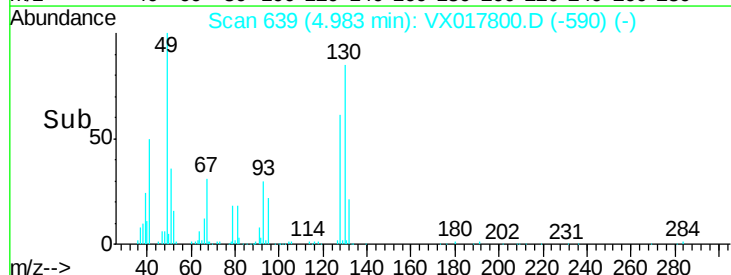
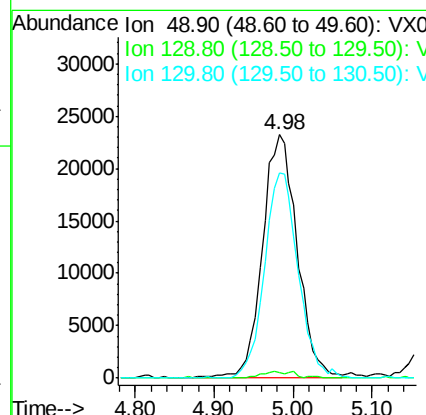
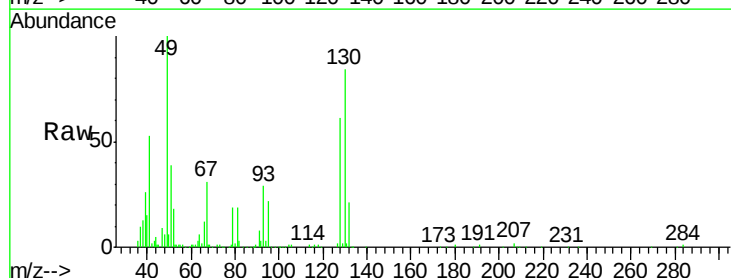
MMDadoda  
8/7/2020 4:32:34 PM

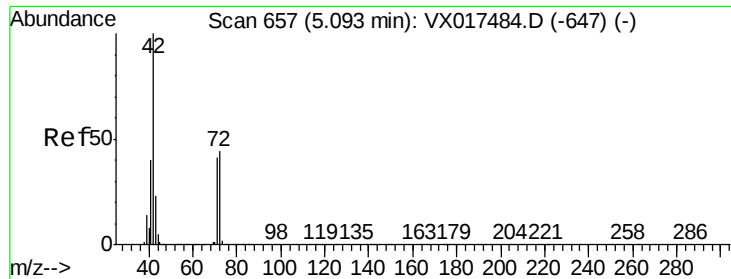


#28

Bromochloromethane  
Concen: 18.159 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.6   | 0.0   | 4.6   |
| 130     | 82.6  | 66.7  | 100.1 |





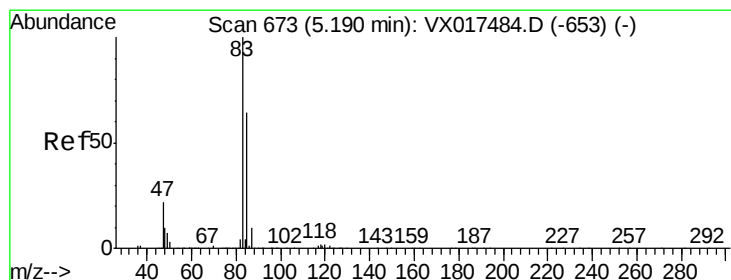
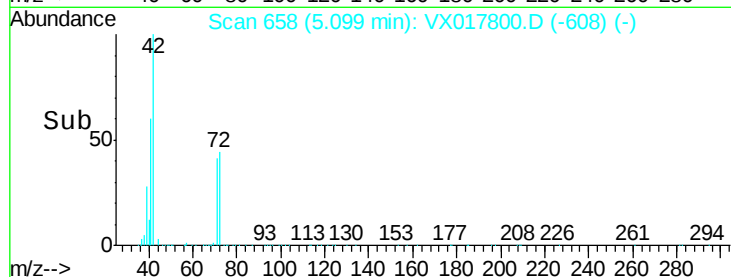
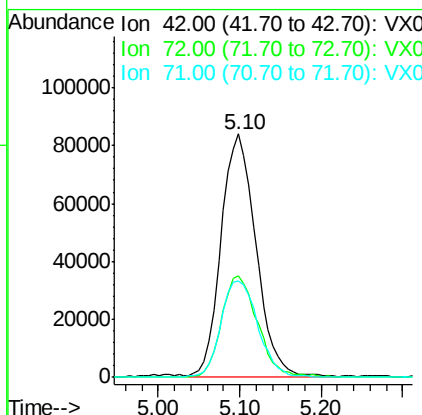
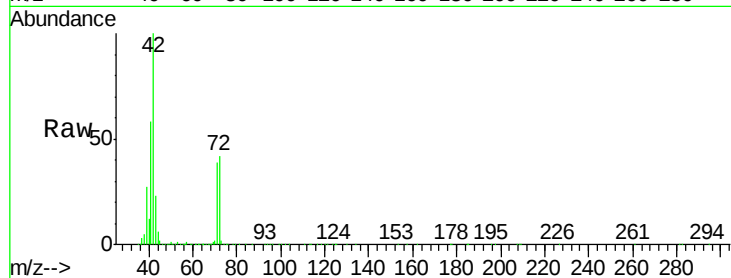
#29  
Tetrahydrofuran  
Concen: 115.607 ug/l  
RT: 5.10 min Scan# 658  
Delta R.T. 0.01 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.7  | 35.5  | 53.3  |
| 71      | 42.3  | 33.0  | 49.4  |

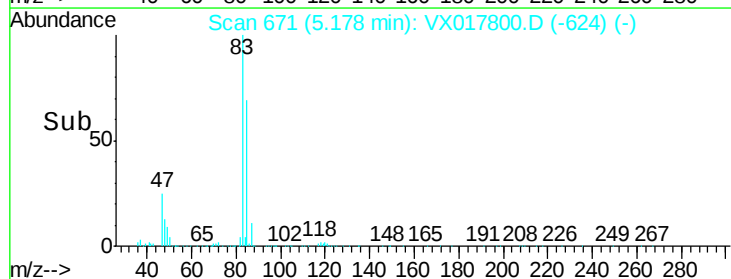
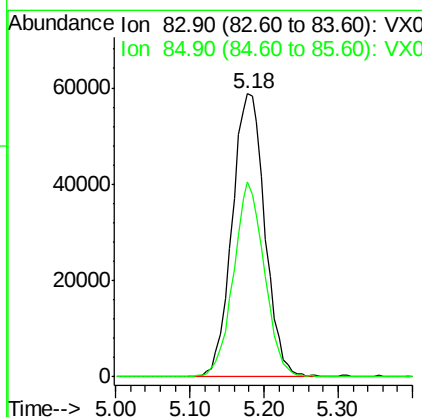
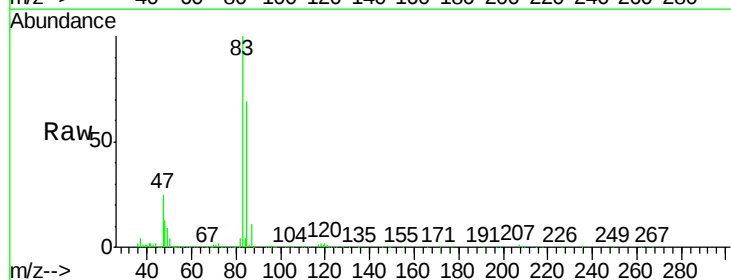
Manual Integrations  
APPROVED

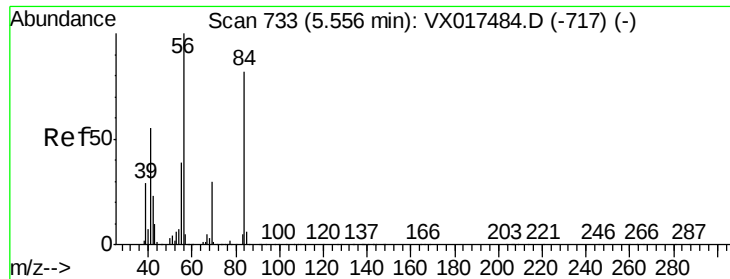
MMDadoda  
8/7/2020 4:32:34 PM



#30  
Chloroform  
Concen: 20.672 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.01 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 68.9  | 51.4  | 77.2  |





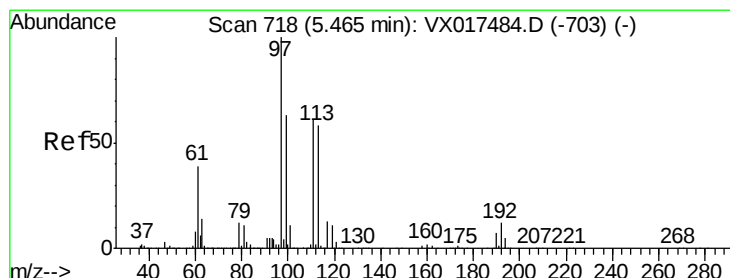
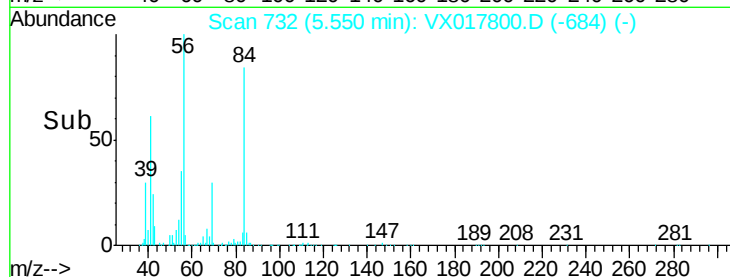
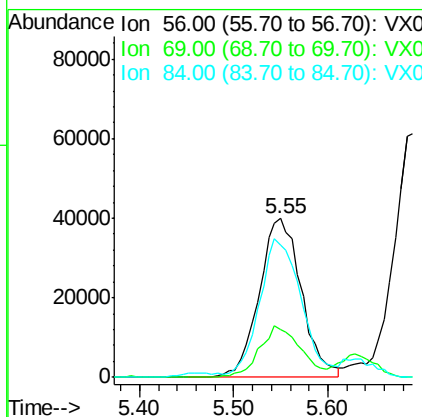
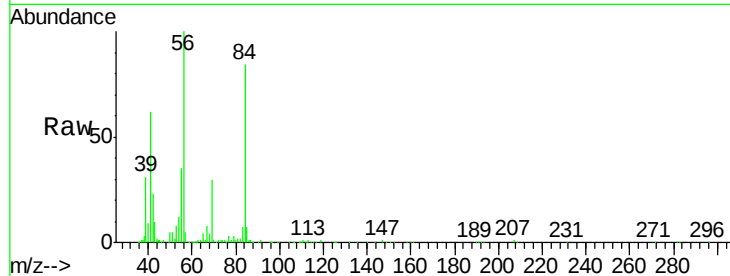
#31  
Cyclohexane  
Concen: 18.288 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.01 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.0  | 24.2  | 36.4  |
| 84      | 81.1  | 69.0  | 103.6 |

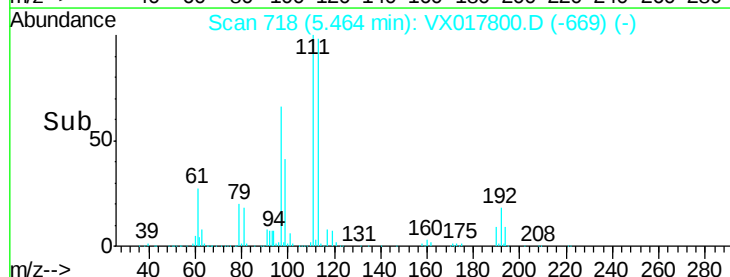
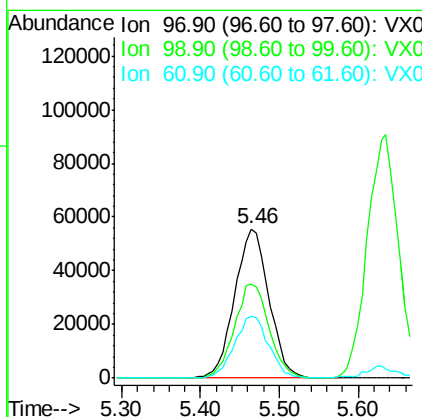
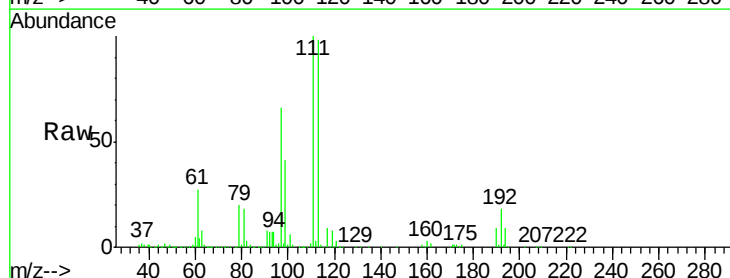
Manual Integrations  
APPROVED

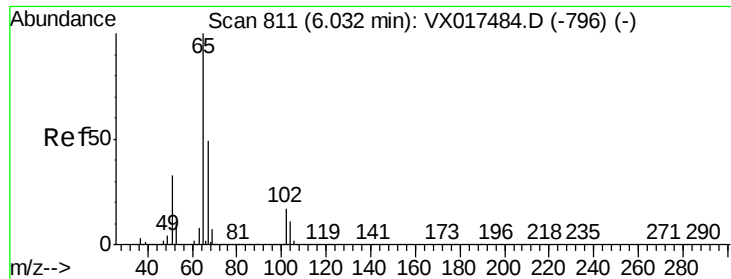
MMDadoda  
8/7/2020 4:32:34 PM



#32  
1,1,1-Trichloroethane  
Concen: 20.341 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.7  | 51.9  | 77.9  |
| 61      | 40.6  | 34.1  | 51.1  |





#33

1,2-Dichloroethane-d4

Concen: 54.636 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampled :

VX0806WBS01

Tot Ion: 65 Resp: 302656

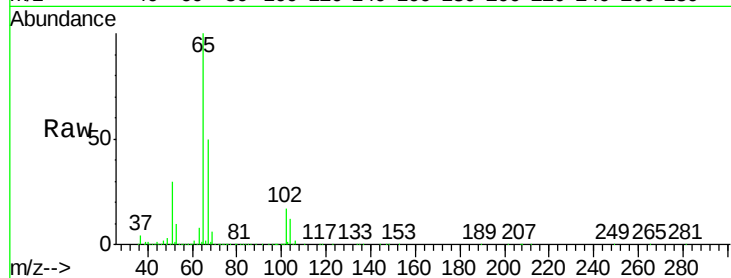
Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.8

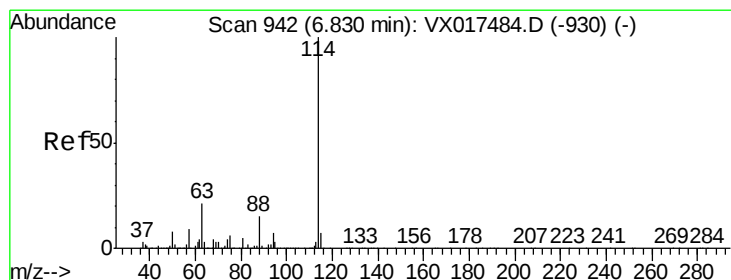
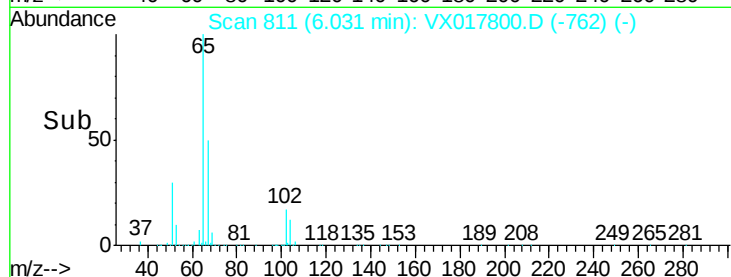
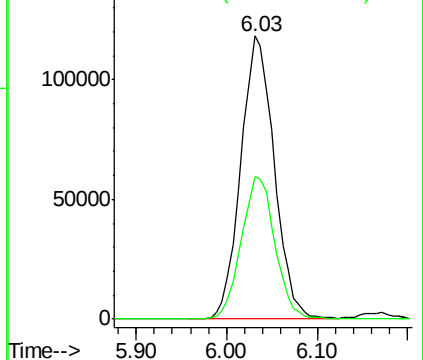
Manual Integrations  
APPROVED

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8/7/2020 4:32:34 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

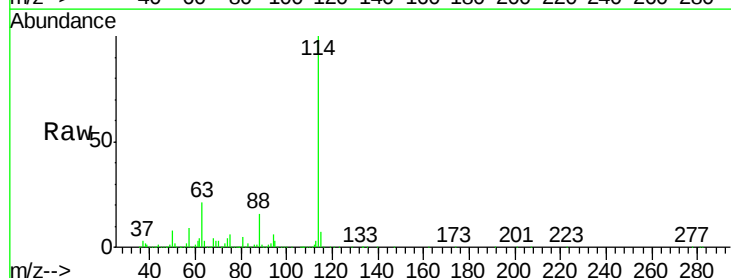
Tgt Ion: 114 Resp: 659844

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

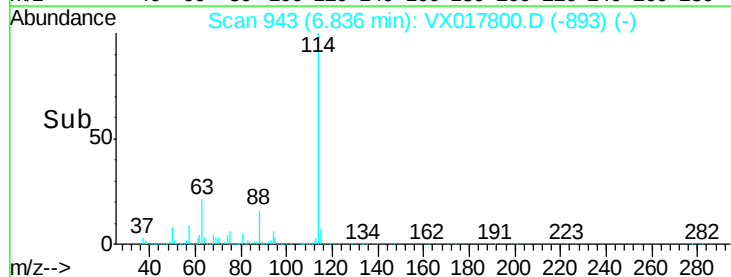
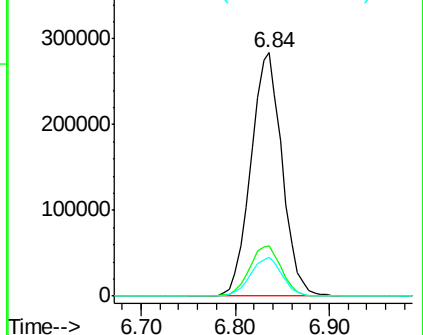
88 15.8 0.0 33.4

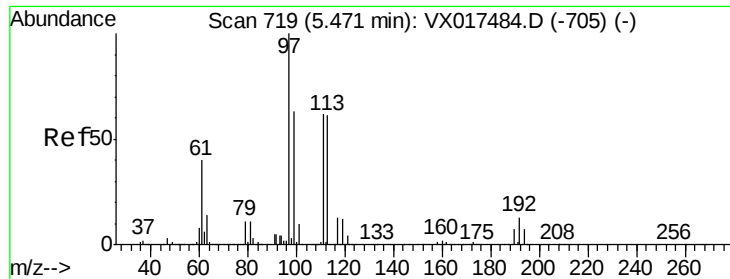


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.699 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

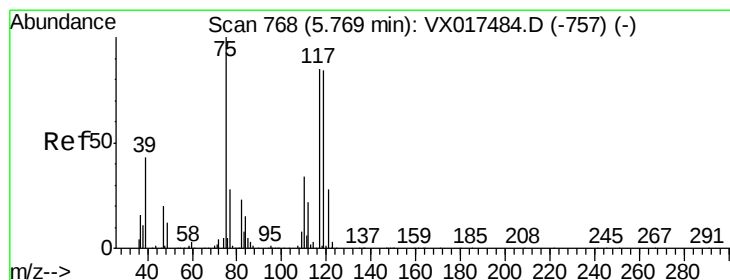
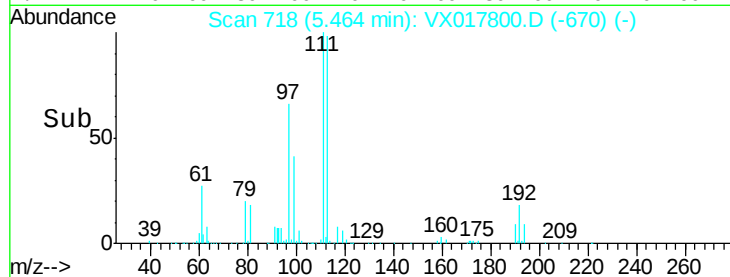
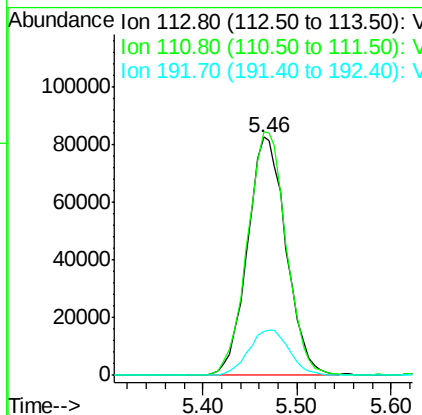
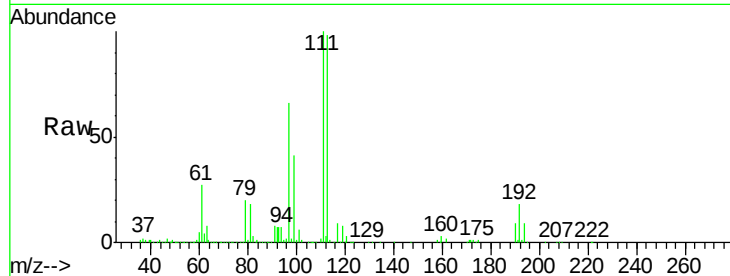
ClientSampleId :

VX0806WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 236979 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.8 | 80.7  | 121.1  |
| 192       | 19.9  | 16.9  | 25.3   |

Manual Integrations  
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8/7/2020 4:32:34 PM



#36

1,1-Dichloropropene

Concen: 19.164 ug/l

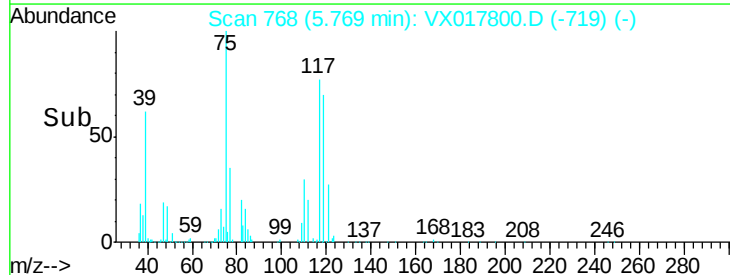
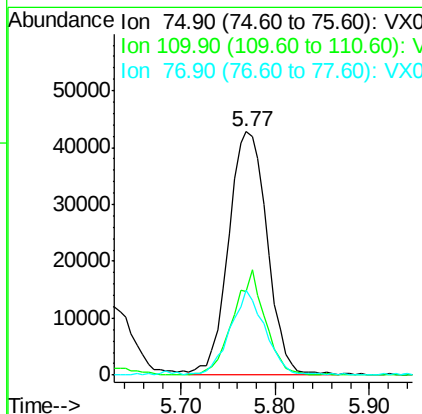
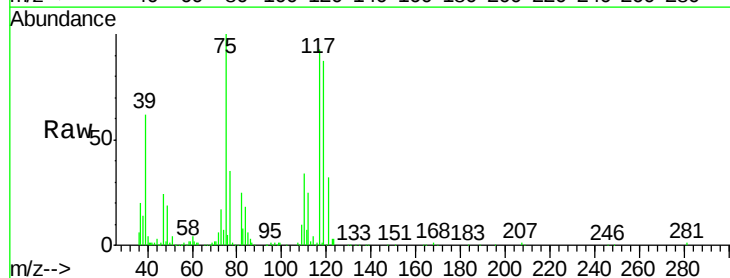
RT: 5.77 min Scan# 768

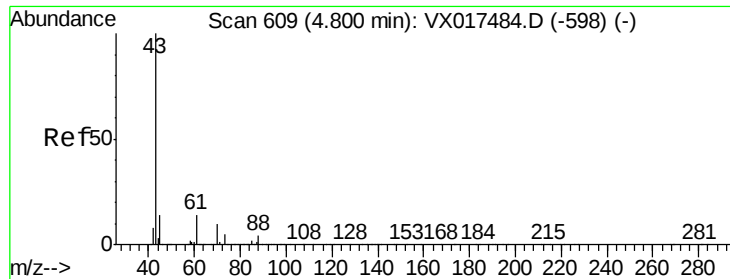
Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 121277 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.5  | 18.1  | 54.3   |
| 77        | 30.6  | 24.6  | 37.0   |





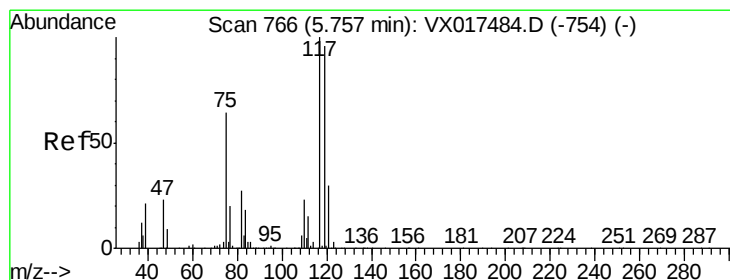
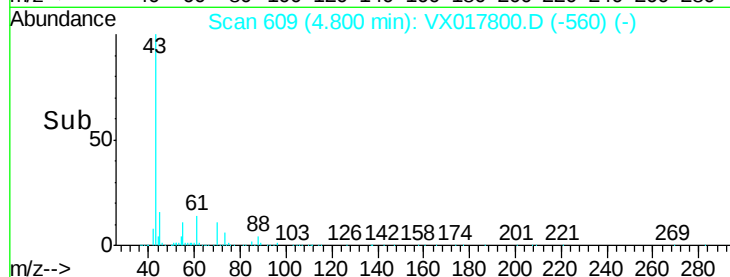
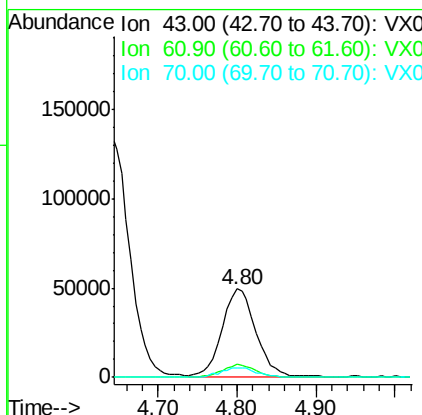
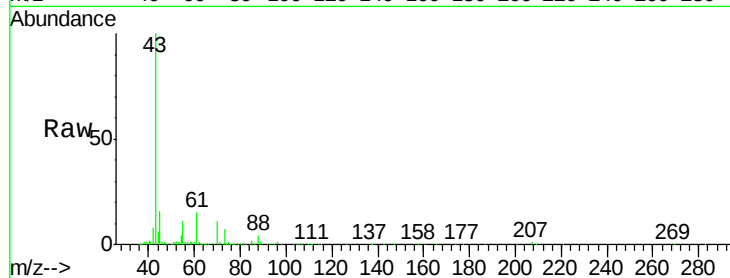
#37  
Ethyl Acetate  
Concen: 21.369 ug/l  
RT: 4.80 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion   | 43    | Resp  | 147964 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 13.9  | 10.7  | 16.1   |
| 70        | 11.9  | 8.5   | 12.7   |

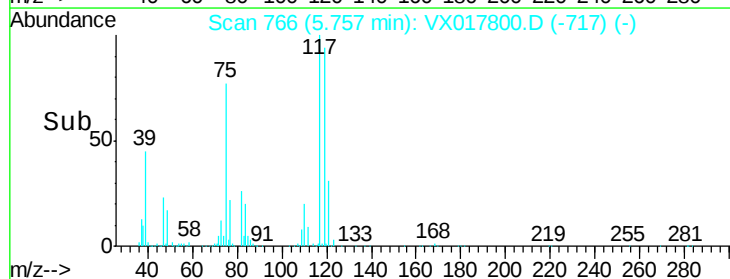
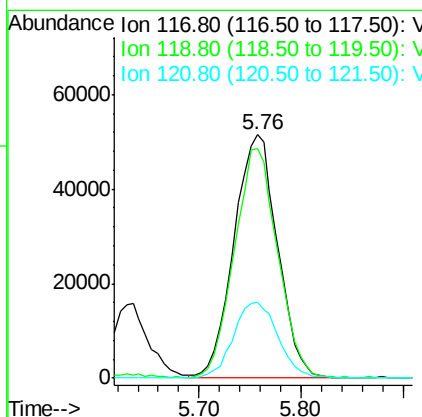
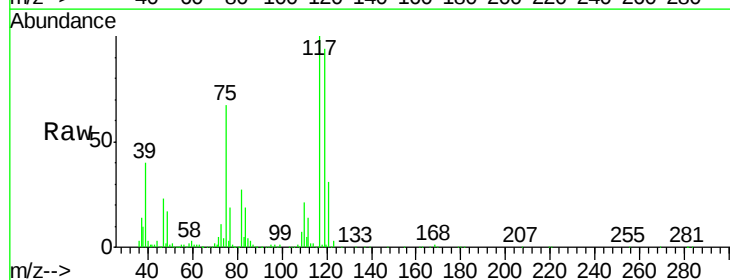
Manual Integrations  
APPROVED

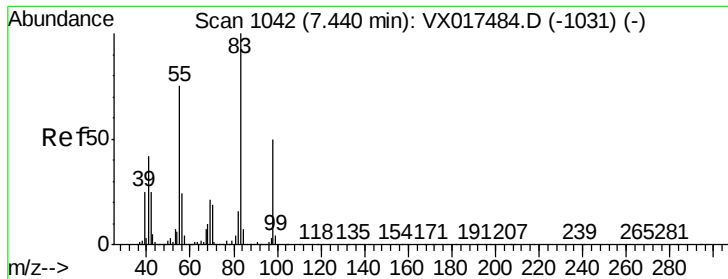
MMDadoda  
8/7/2020 4:32:34 PM



#38  
Carbon Tetrachloride  
Concen: 19.836 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion   | 117   | Resp  | 152445 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.4  | 75.4  | 113.0  |
| 121       | 31.0  | 24.3  | 36.5   |





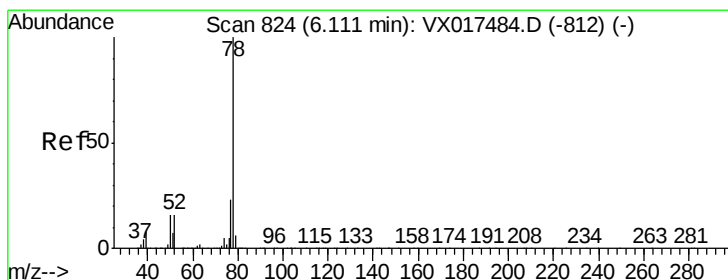
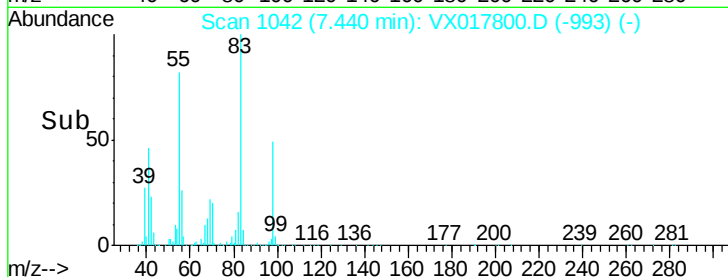
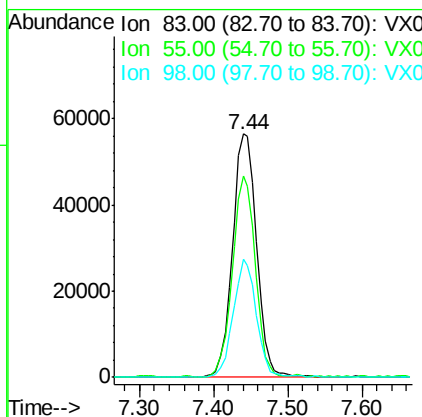
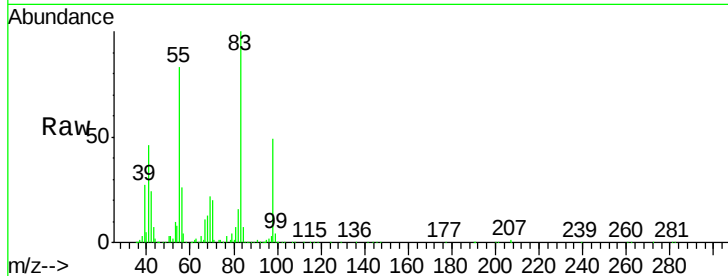
#39  
Methvlcvclohexane  
Concen: 17.369 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 82.2  | 61.8  | 92.8  |
| 98      | 48.6  | 36.9  | 55.3  |

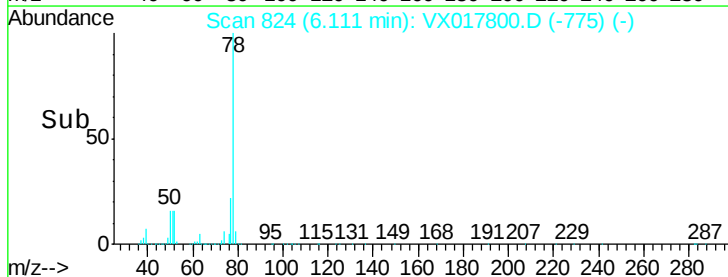
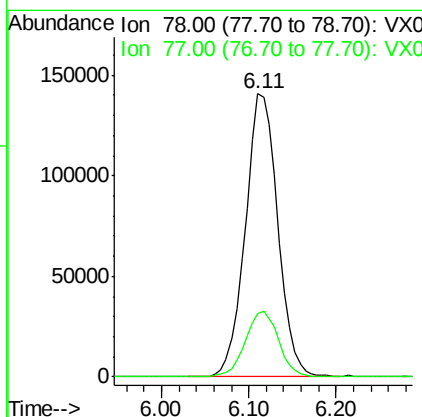
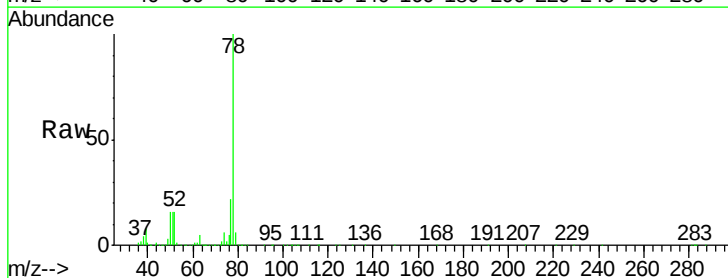
Manual Integrations  
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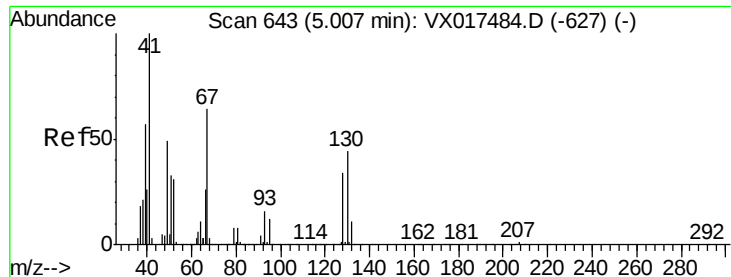
MMDadoda  
8/7/2020 4:32:34 PM



#40  
Benzene  
Concen: 19.984 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.3  | 19.4  | 29.2  |





#41

Methacrylonitrile

Concen: 21.351 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

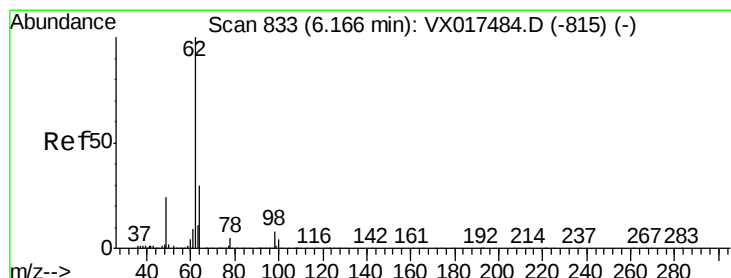
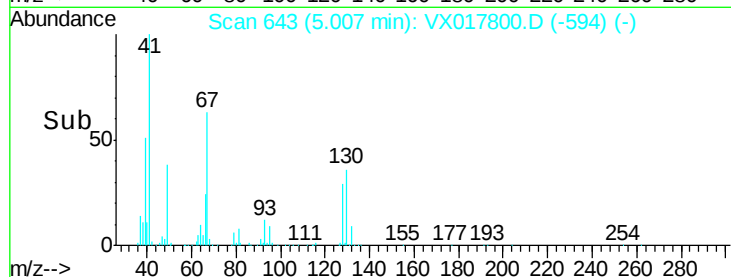
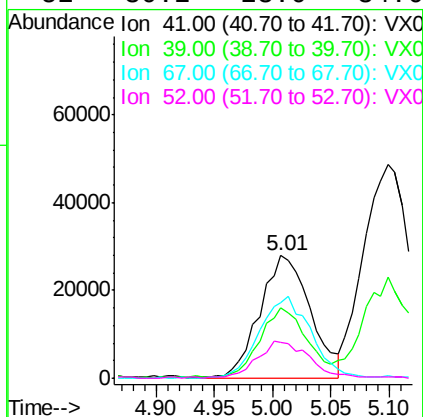
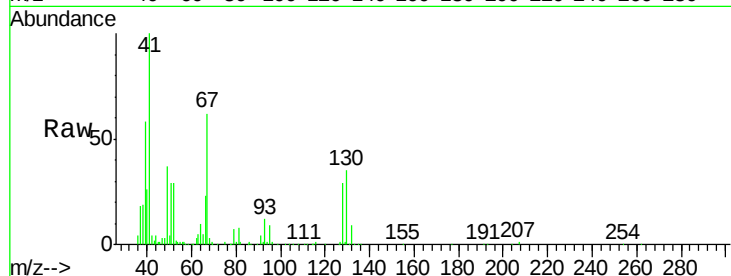
ClientSampleId :

VX0806WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 52.0 | 43.9  | 65.9  |       |
| 67      | 67.2 | 54.0  | 81.0  |       |
| 52      | 30.2 | 23.0  | 34.6  |       |

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#42

1,2-Dichloroethane

Concen: 19.888 ug/l

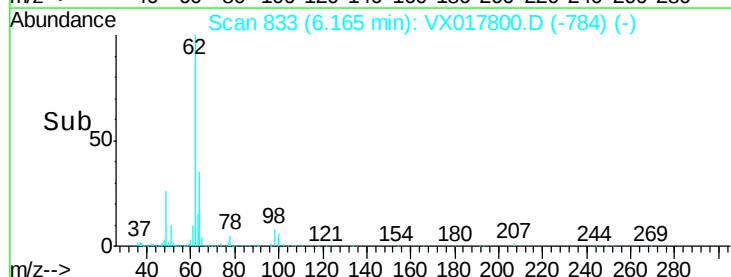
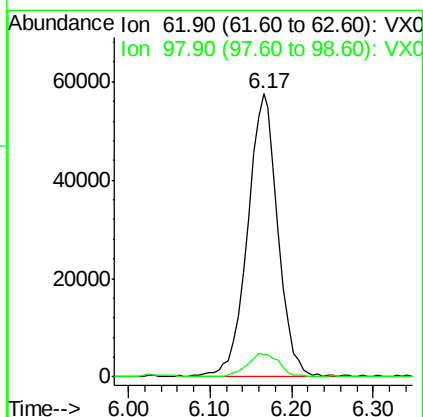
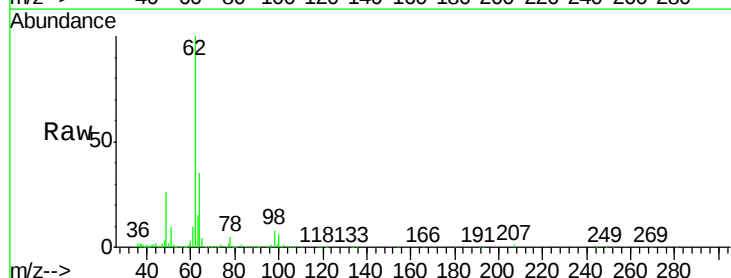
RT: 6.17 min Scan# 833

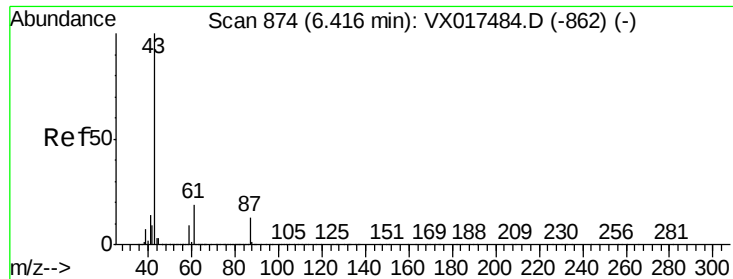
Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.9 | 0.0   | 16.0  |       |





#43

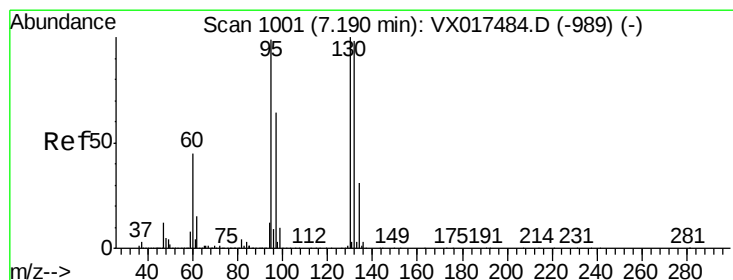
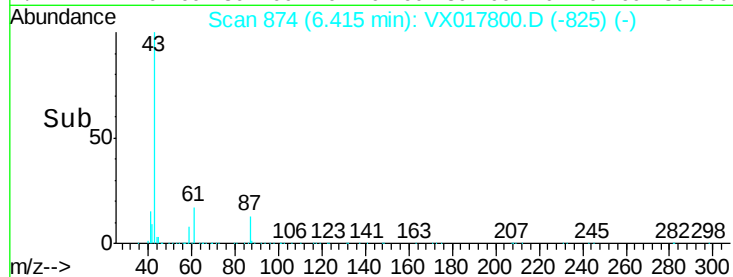
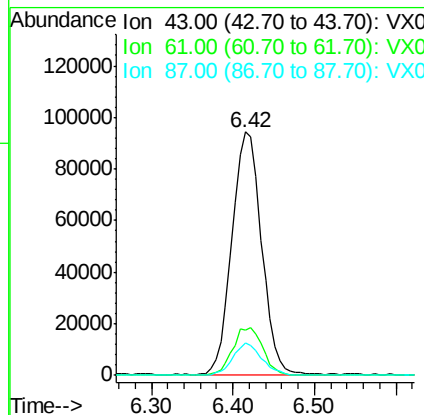
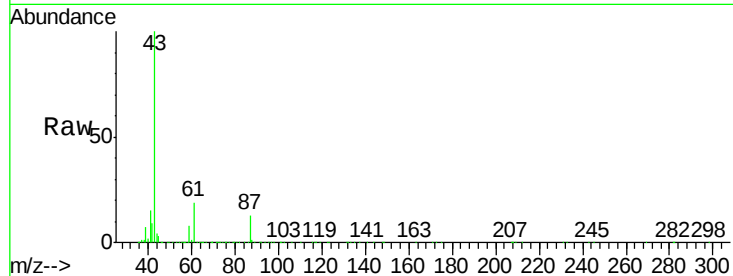
Isopropyl Acetate  
 Concen: 20.613 ug/l  
 RT: 6.42 min Scan# 874  
 Delta R.T. -0.00 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.3  | 15.5  | 23.3  |
| 87      | 13.1  | 10.5  | 15.7  |

Manual Integrations  
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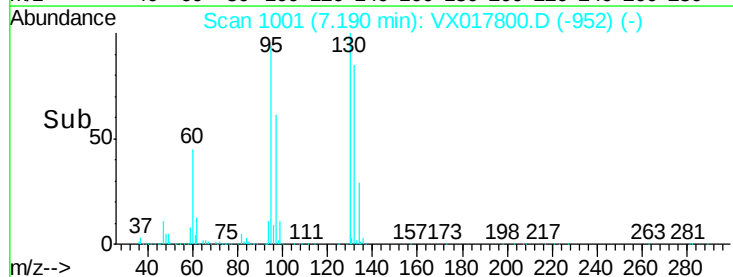
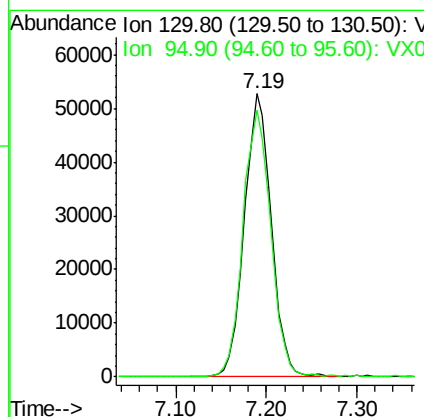
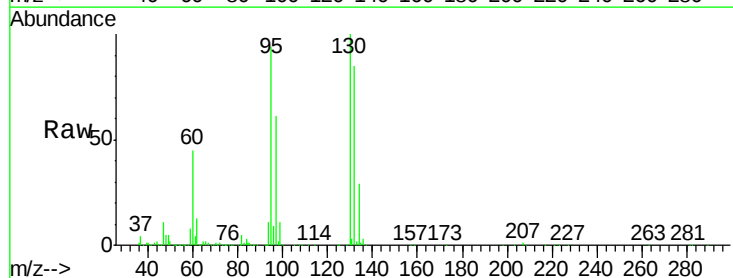
MMDadoda  
 8/7/2020 4:32:34 PM

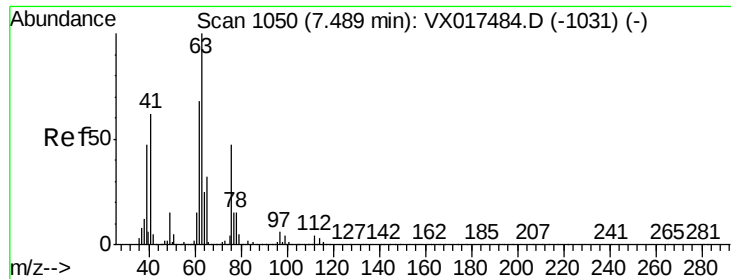


#44

Trichloroethene  
 Concen: 20.484 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 94.3  | 0.0   | 189.0 |





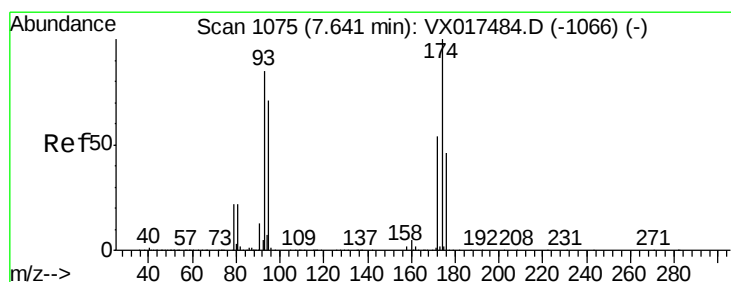
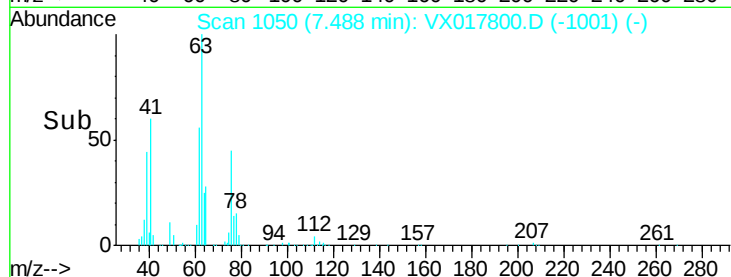
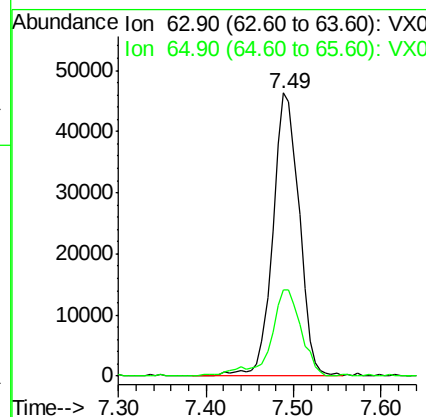
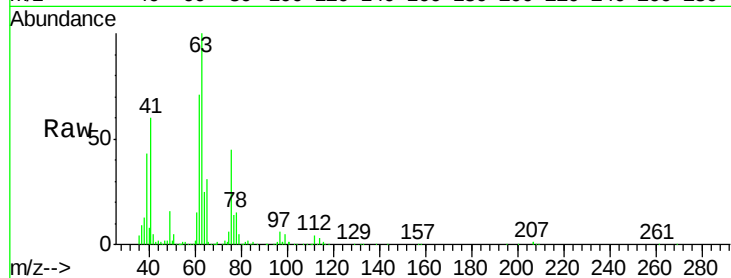
#45  
 1,2-Dichloropropane  
 Concen: 19.233 ug/l  
 RT: 7.49 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.5  | 24.5  | 36.7  |

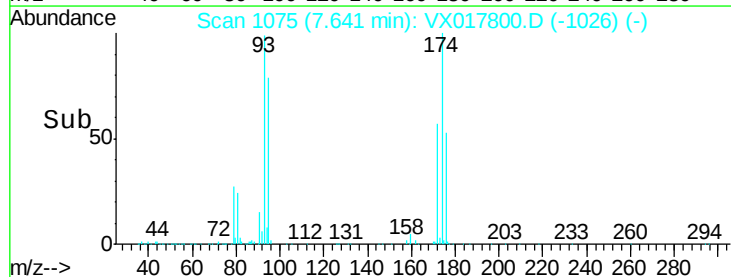
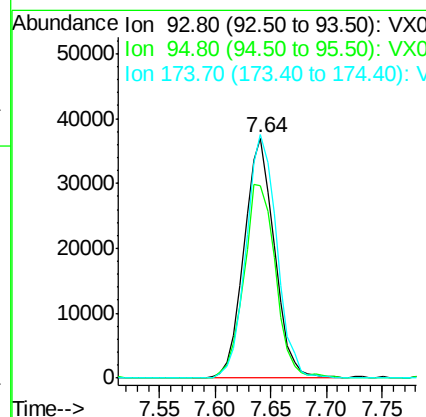
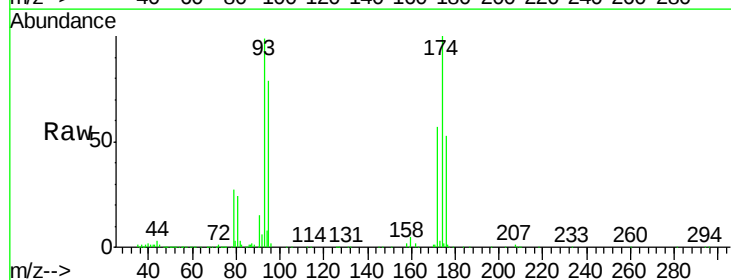
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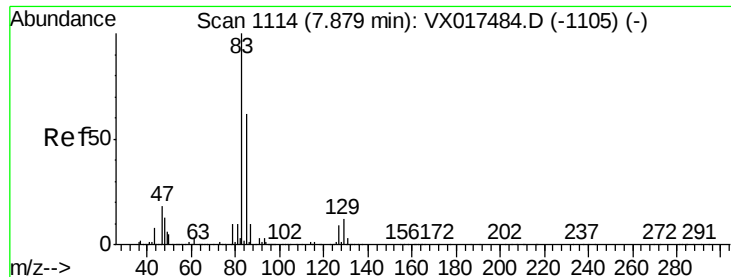
MMDadoda  
 8/7/2020 4:32:34 PM



#46  
 Dibromomethane  
 Concen: 19.695 ug/l  
 RT: 7.64 min Scan# 1075  
 Delta R.T. -0.00 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 84.9  | 66.6  | 99.8  |
| 174     | 103.0 | 87.0  | 130.6 |





#47

Bromodichloromethane

Concen: 20.998 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

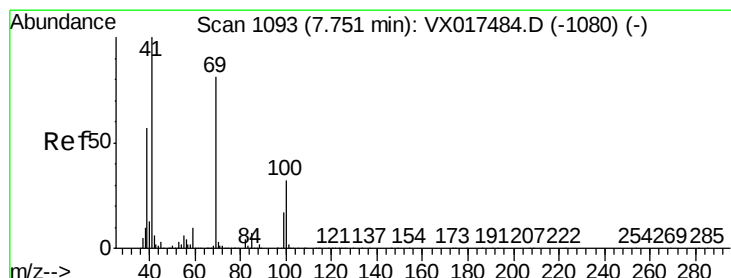
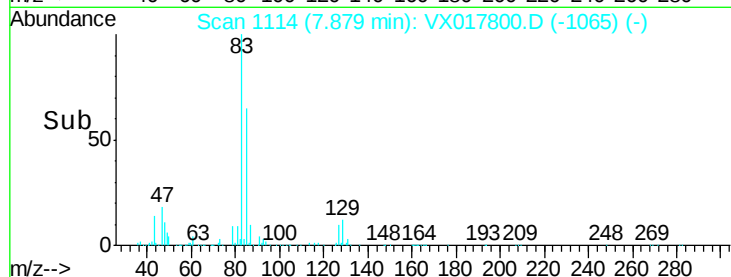
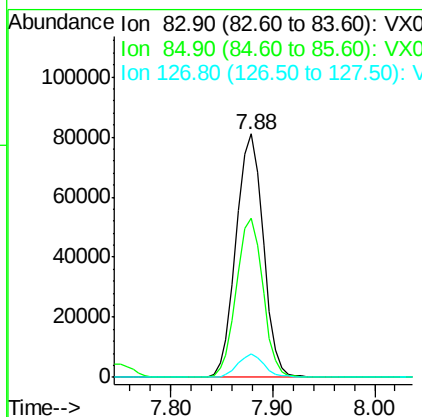
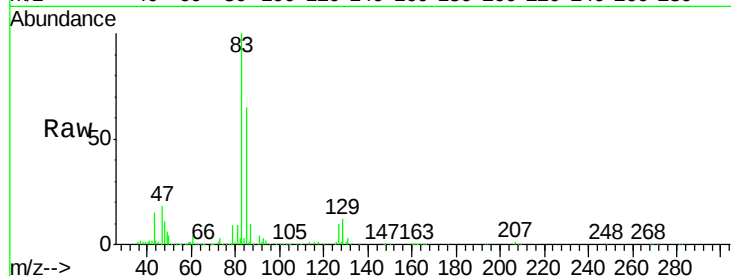
ClientSampleId :

VX0806WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 150182 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.3  | 51.8  | 77.8   |
| 127       | 9.9   | 7.4   | 11.2   |

Manual Integrations  
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8/7/2020 4:32:34 PM



#48

Methyl methacrylate

Concen: 20.451 ug/l

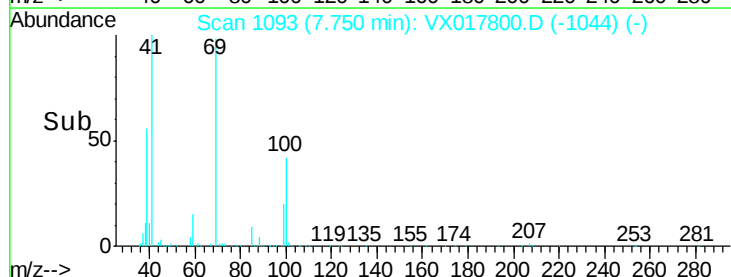
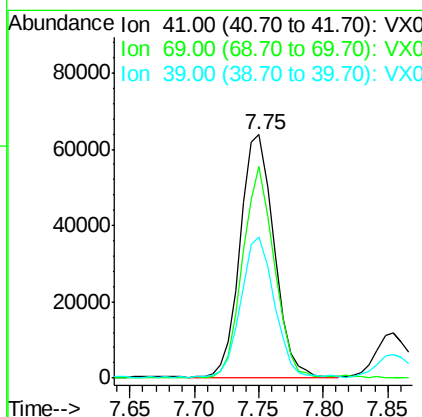
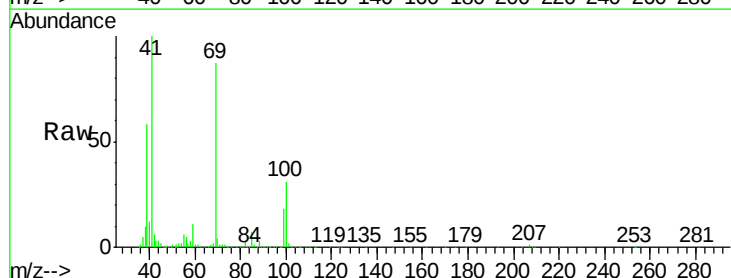
RT: 7.75 min Scan# 1093

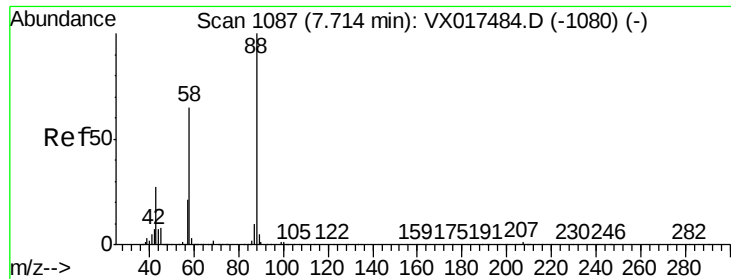
Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 115820 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 81.3  | 63.1  | 94.7   |
| 39        | 57.1  | 45.1  | 67.7   |





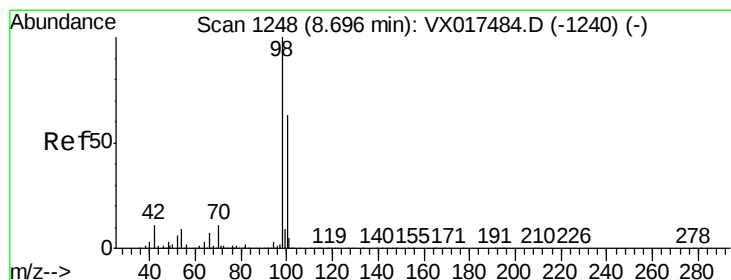
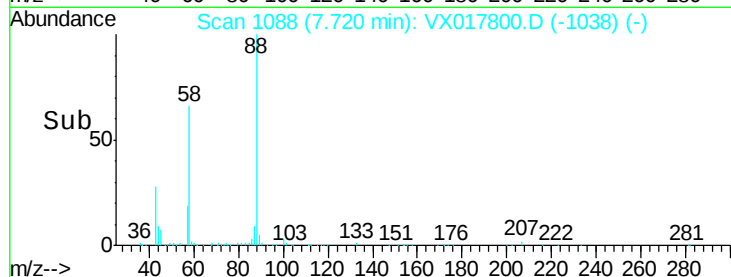
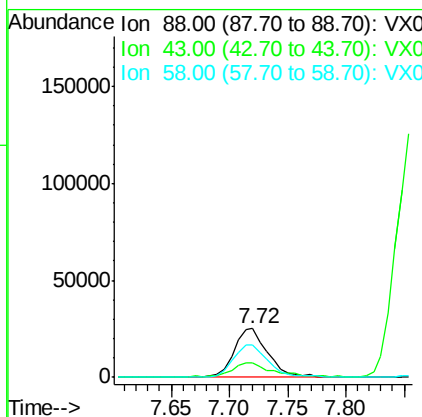
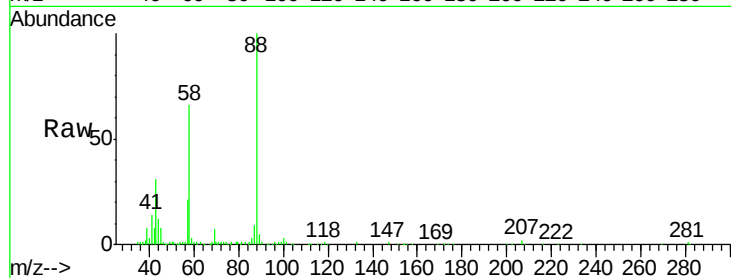
#49  
1,4-Dioxane  
Concen: 455.873 ug/l  
RT: 7.72 min Scan# 1088  
Delta R.T. 0.01 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 38.3  | 27.8  | 41.6  |
| 58      | 73.6  | 58.3  | 87.5  |

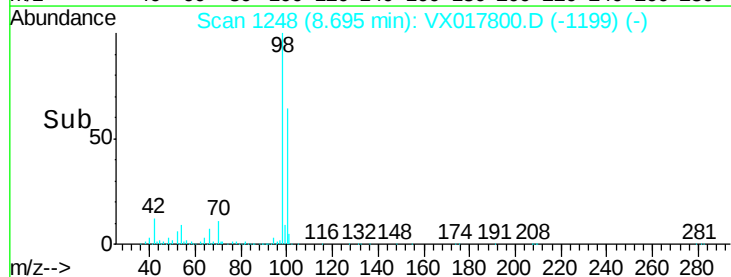
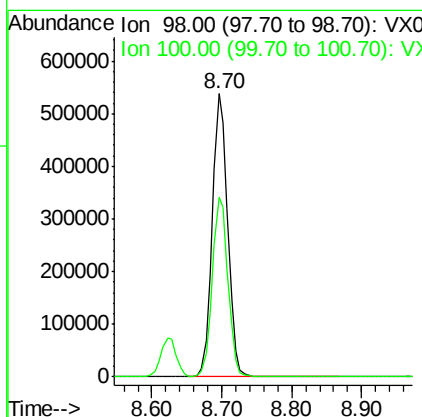
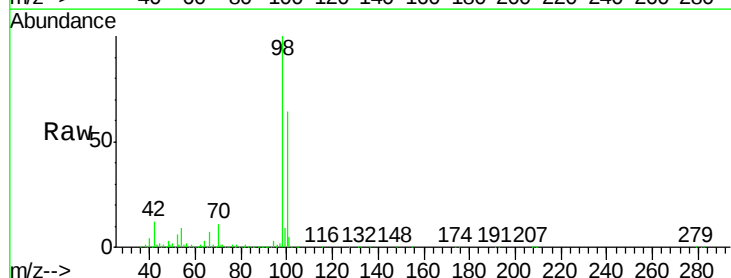
Manual Integrations  
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#50  
Toluene-d8  
Concen: 51.659 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.1  | 52.3  | 78.5  |





#51

4-Methyl-2-Pentanone

Concen: 110.284 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0806WBS01

Tot Ion: 43 Resp: 751779

Ion Ratio Lower Upper

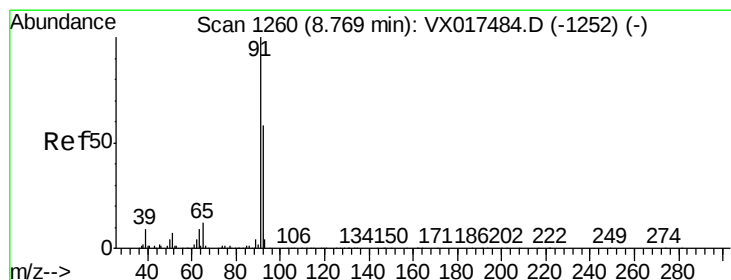
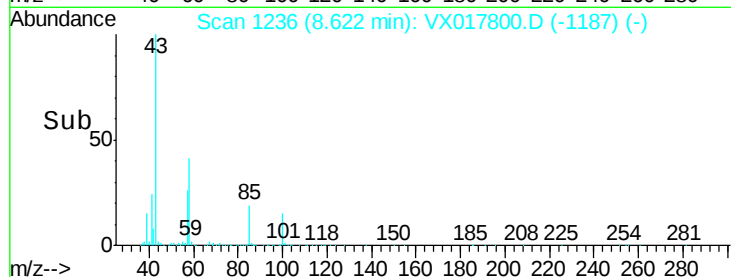
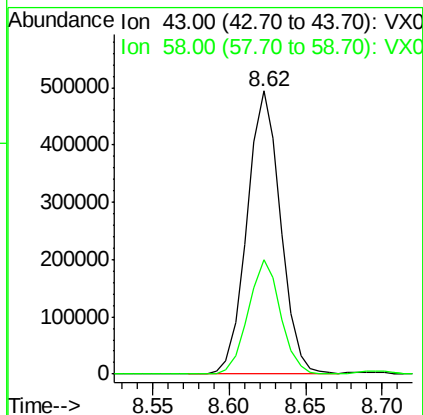
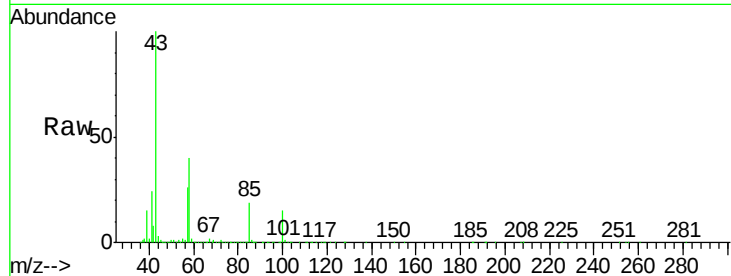
43 100

58 39.2 31.0 46.4

Manual Integrations  
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#52

Toluene

Concen: 19.769 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017800.D

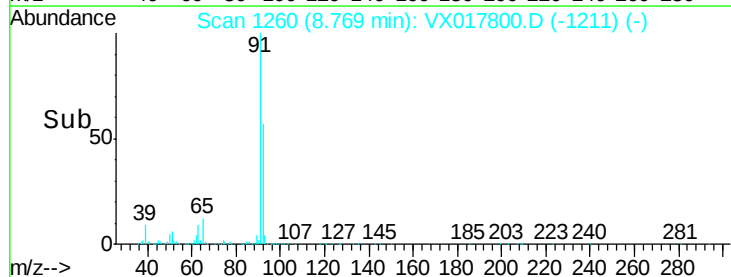
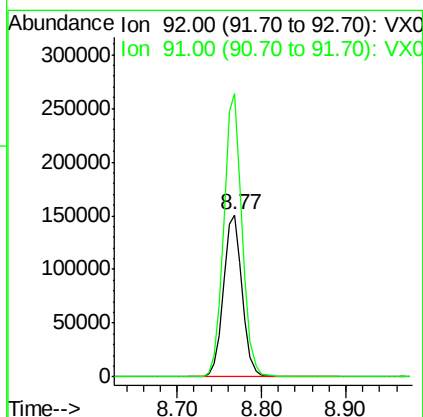
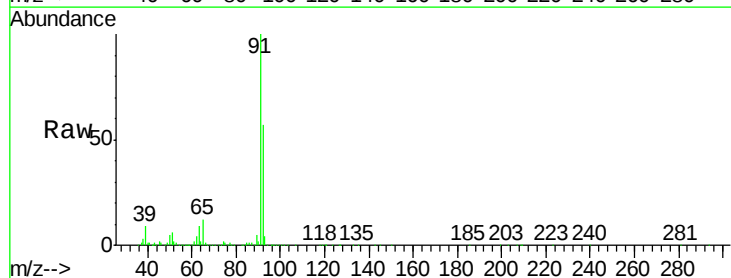
Acq: 06 Aug 2020 11:45

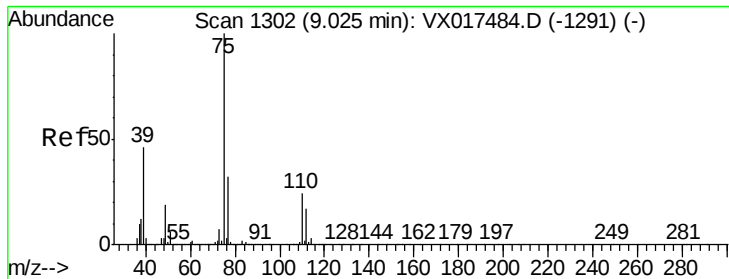
Tgt Ion: 92 Resp: 230029

Ion Ratio Lower Upper

92 100

91 171.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.829 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0806WBS01

Tot Ion: 75 Resp: 158758

Ion Ratio Lower Upper

75 100

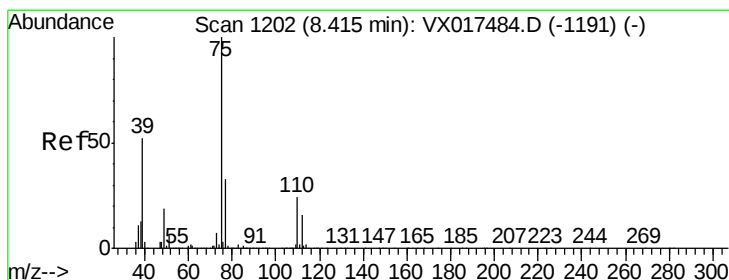
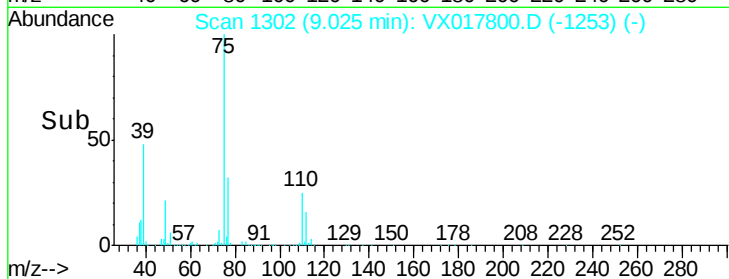
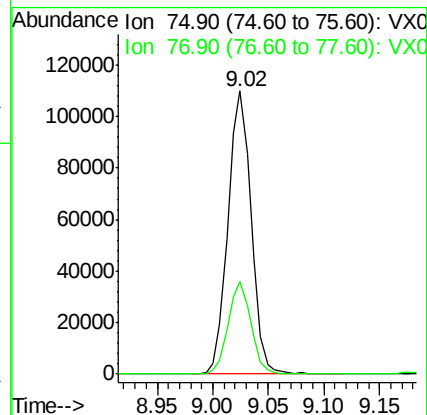
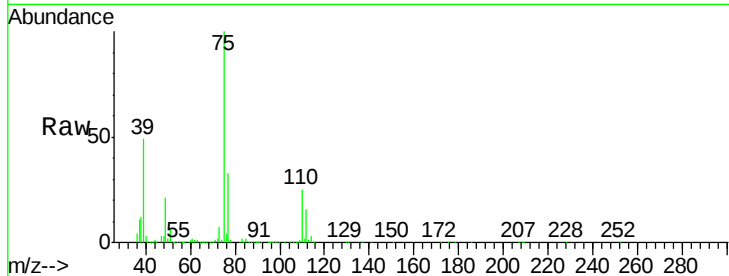
77 32.6 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.826 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

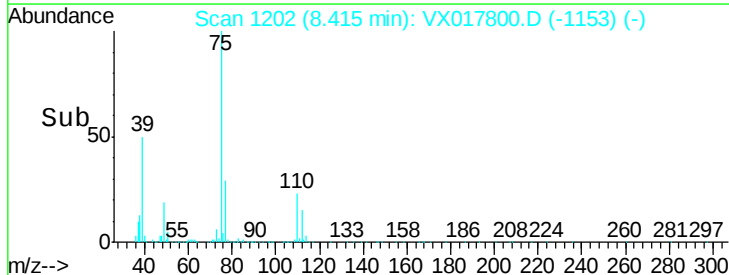
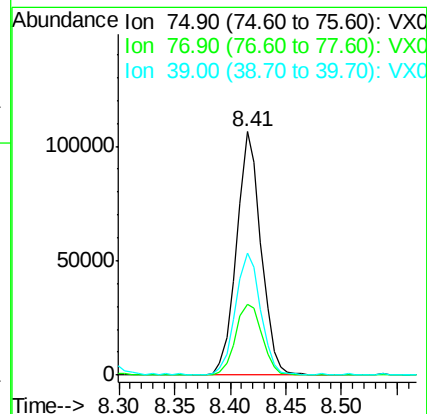
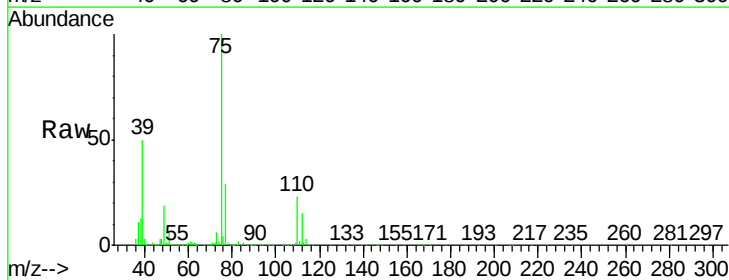
Tgt Ion: 75 Resp: 161907

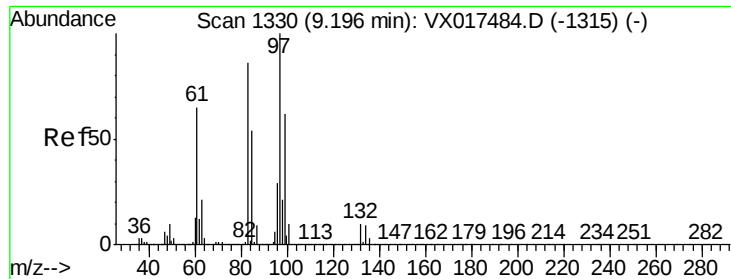
Ion Ratio Lower Upper

75 100

77 28.9 25.5 38.3

39 50.1 41.8 62.8





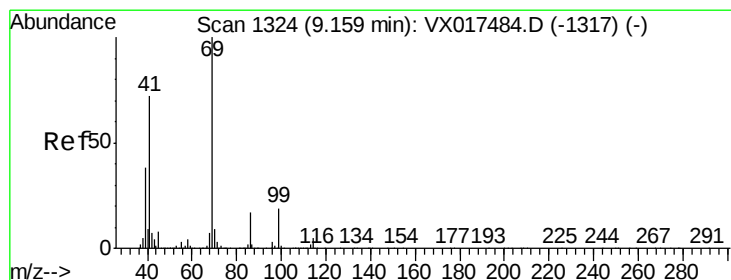
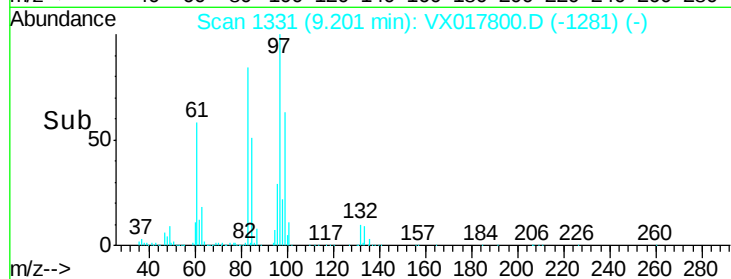
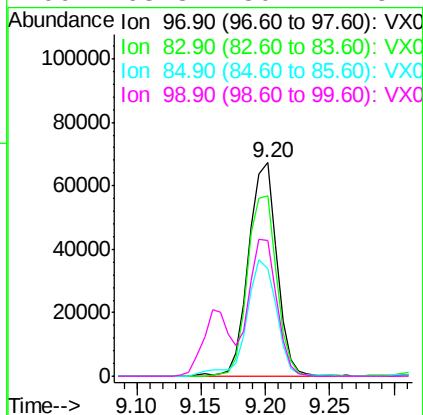
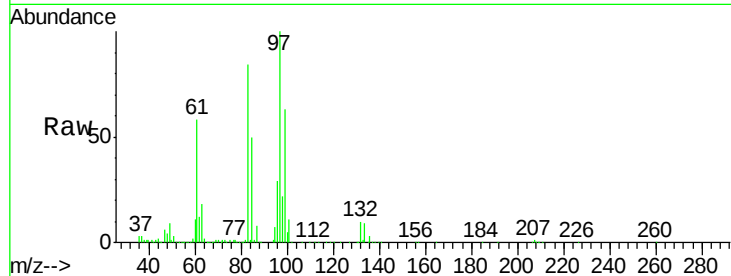
#55  
 1,1,2-Trichloroethane  
 Concen: 21.058 ug/l  
 RT: 9.20 min Scan# 1331  
 Delta R.T. 0.01 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 84.3  | 67.6  | 101.4 |
| 85      | 50.3  | 44.6  | 67.0  |
| 99      | 63.3  | 50.2  | 75.4  |

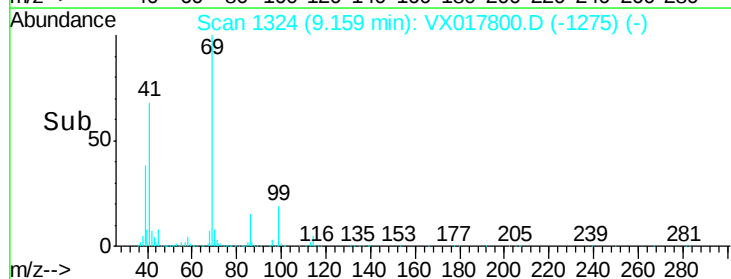
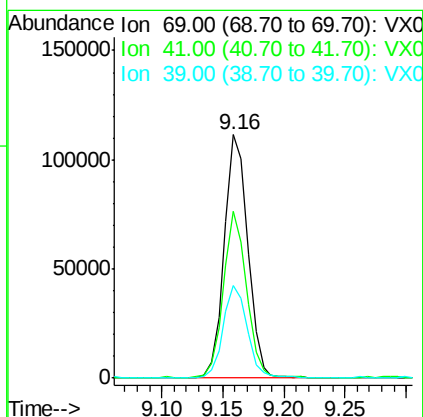
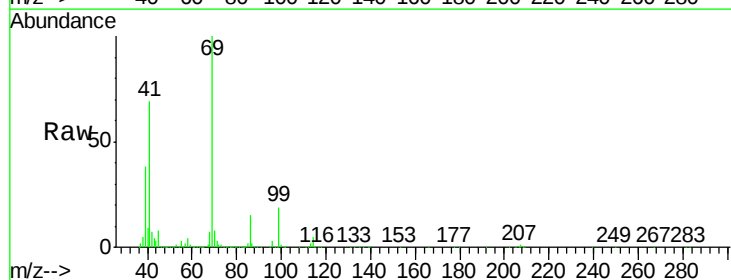
Manual Integrations  
 APPROVED

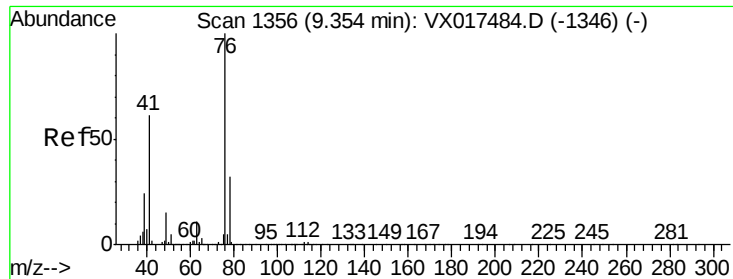
MMDadoda  
 8/7/2020 4:32:34 PM



#56  
 Ethyl methacrylate  
 Concen: 20.432 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 67.5  | 55.0  | 82.6  |
| 39      | 38.6  | 30.0  | 45.0  |





#57

1,3-Dichloropropane

Concen: 20.423 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampled :

VX0806WBS01

Tot Ion: 76 Resp: 163003

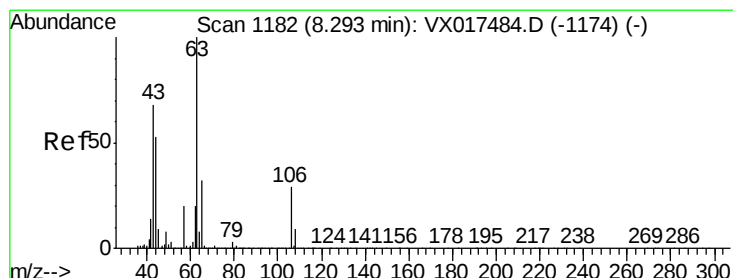
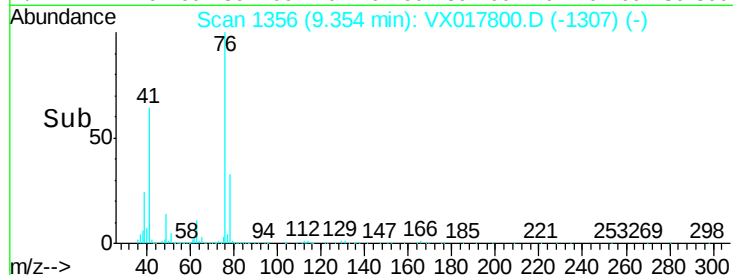
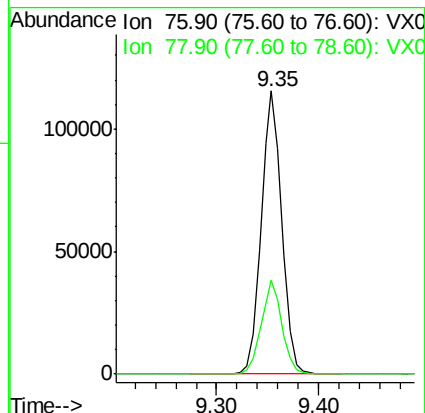
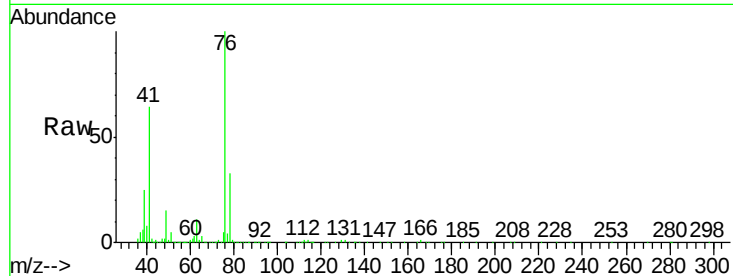
Ion Ratio Lower Upper

76 100

78 33.5 25.8 38.8

Manual Integrations  
APPROVED

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8/7/2020 4:32:34 PM



#58

2-Chloroethyl Vinyl ether

Concen: 91.076 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017800.D

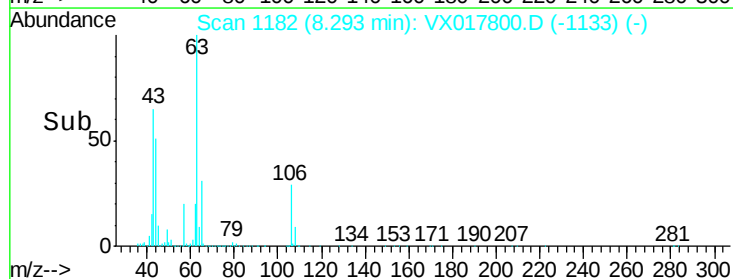
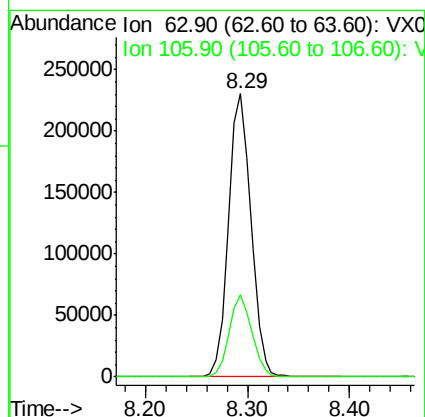
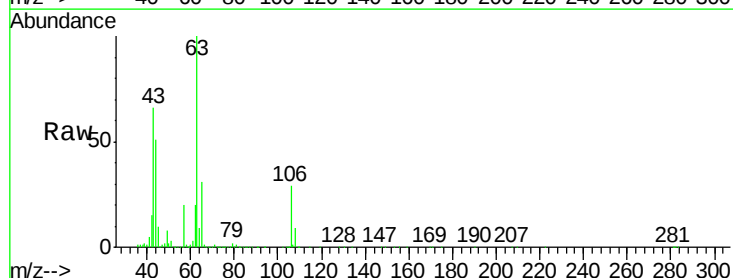
Acq: 06 Aug 2020 11:45

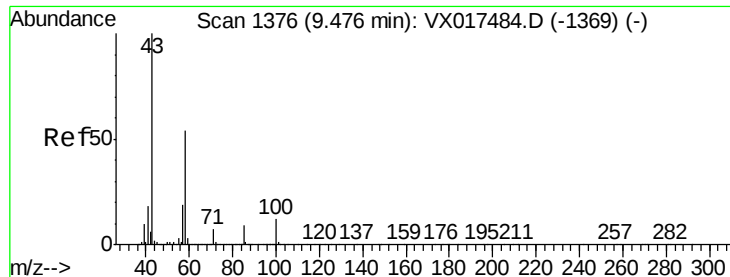
Tgt Ion: 63 Resp: 350404

Ion Ratio Lower Upper

63 100

106 29.0 22.6 34.0





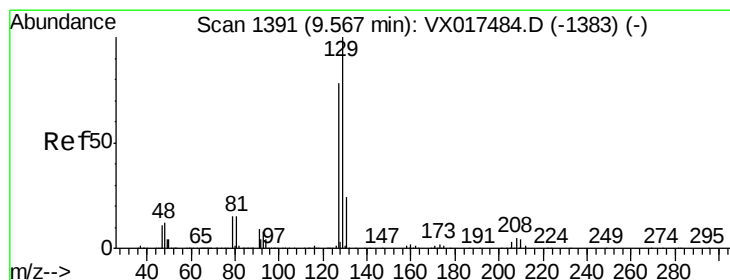
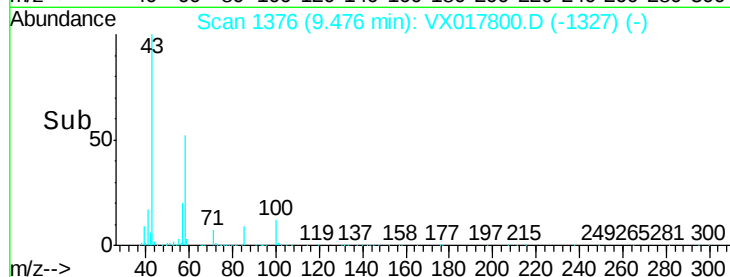
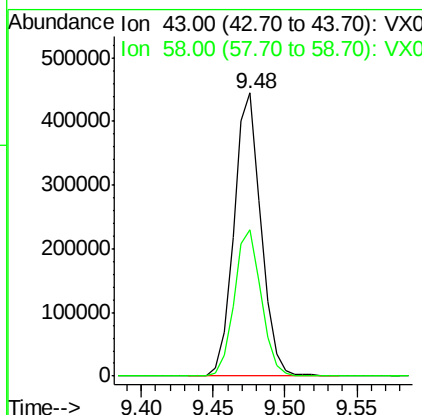
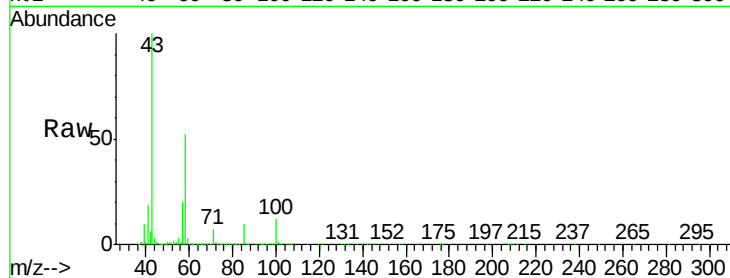
#59  
2-Hexanone  
Concen: 113.492 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 51.8  | 26.6  | 79.8  |

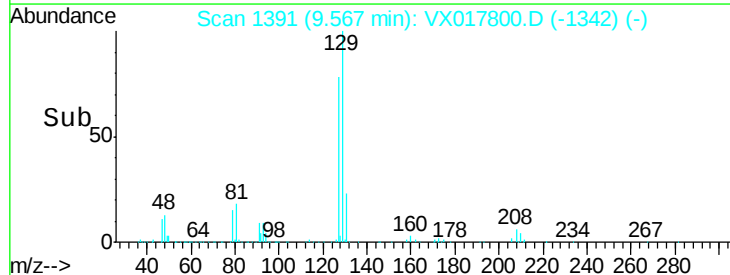
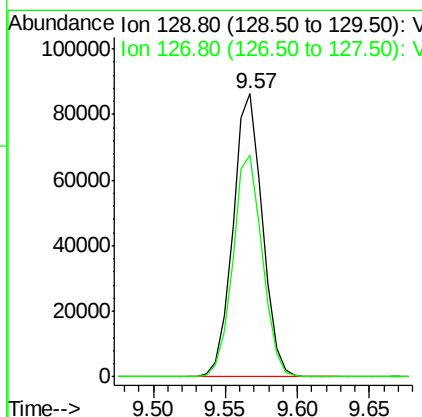
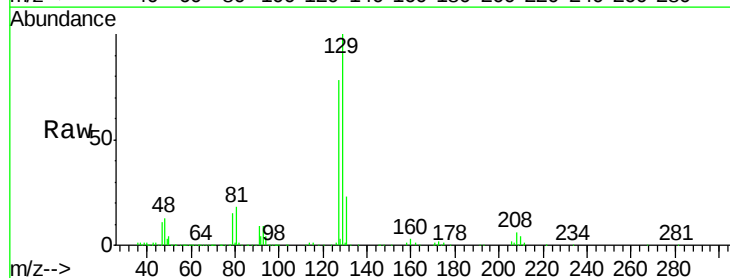
Manual Integrations  
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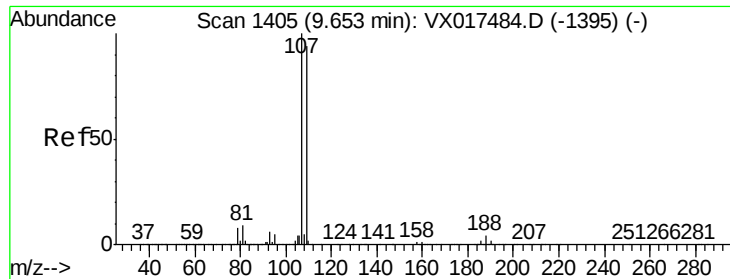
MMDadoda  
8/7/2020 4:32:34 PM



#60  
Dibromochloromethane  
Concen: 19.960 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.7  | 38.4  | 115.1 |





#61

1,2-Dibromoethane

Concen: 20.662 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0806WBS01

Tot Ion: 107 Resp: 106625

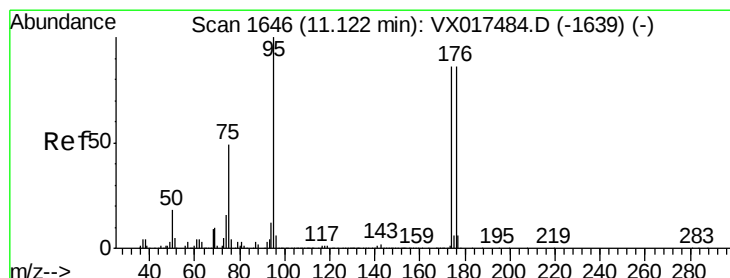
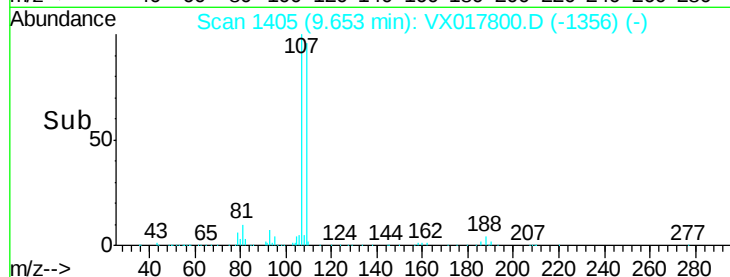
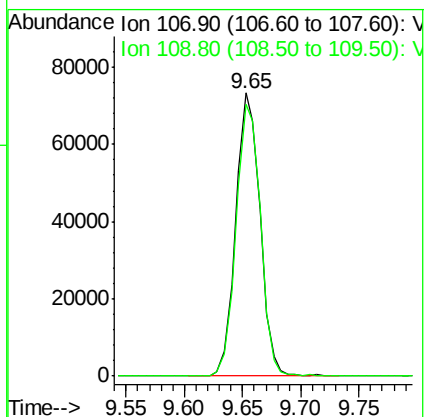
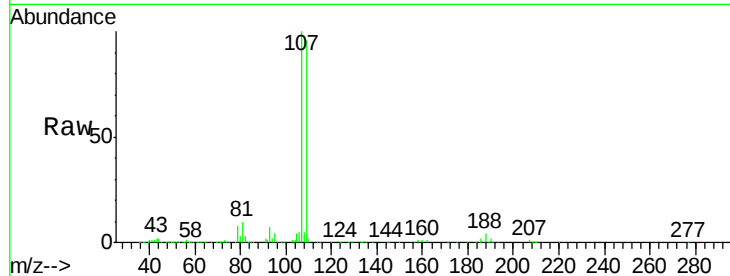
Ion Ratio Lower Upper

107 100

109 96.6 74.9 112.3

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM



#62

4-Bromofluorobenzene

Concen: 50.623 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

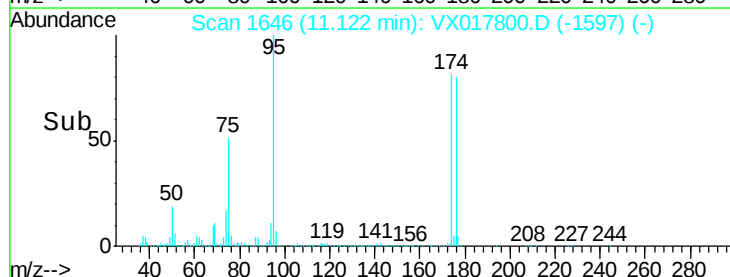
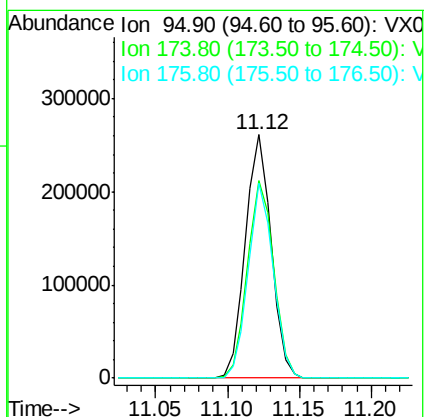
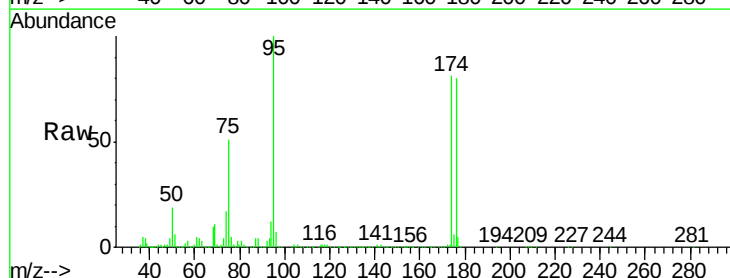
Tgt Ion: 95 Resp: 322531

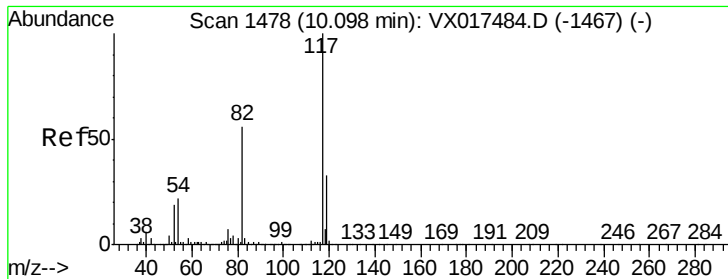
Ion Ratio Lower Upper

95 100

174 82.6 0.0 169.0

176 77.9 0.0 161.0





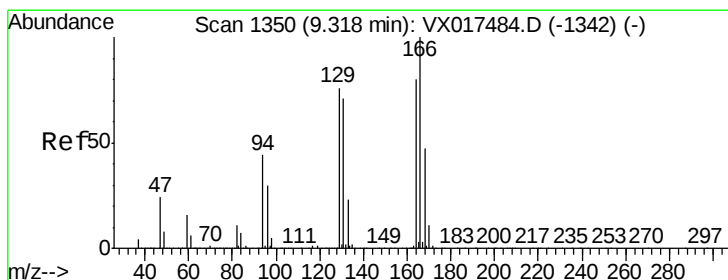
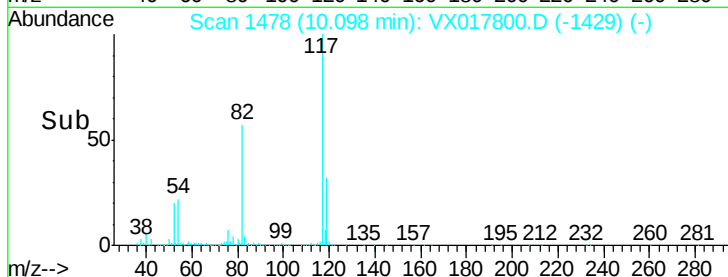
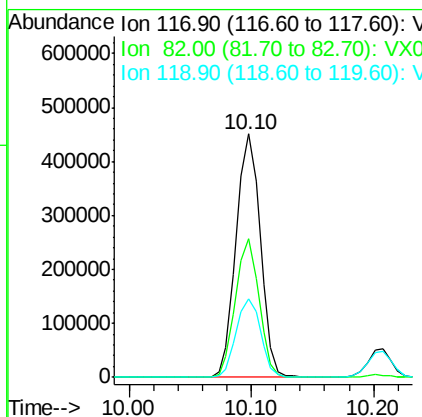
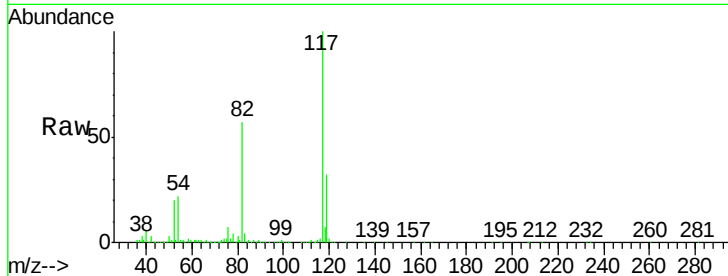
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 117     | 100   |            |       |
| 82      | 56.9  | 44.0       | 66.0  |
| 119     | 32.0  | 25.4       | 38.0  |

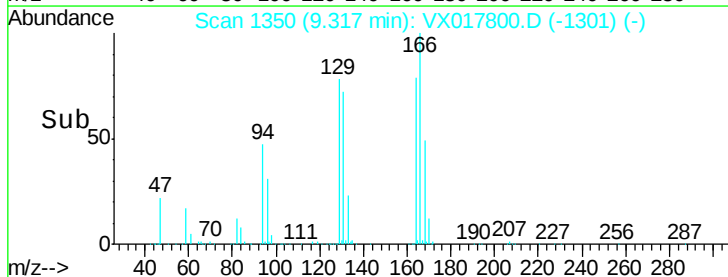
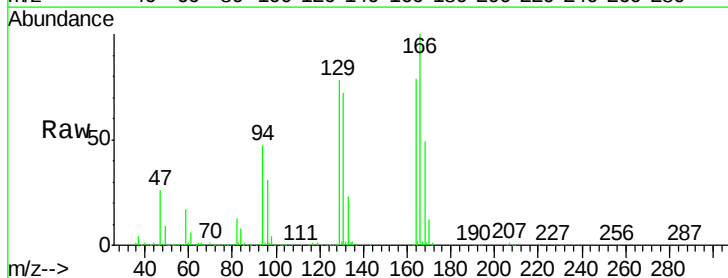
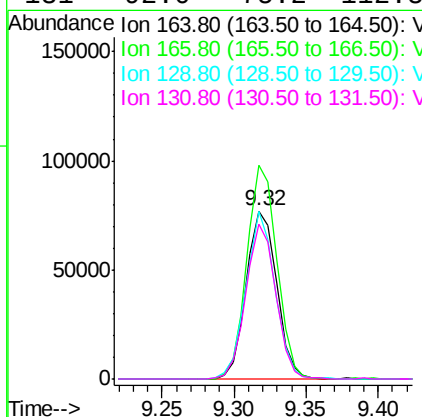
Manual Integrations  
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8/7/2020 4:32:34 PM



#64  
Tetrachloroethene  
Concen: 20.221 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 164     | 100   |            |       |
| 166     | 127.1 | 100.6      | 150.8 |
| 129     | 99.7  | 75.0       | 112.6 |
| 131     | 92.0  | 75.2       | 112.8 |





#65

Chlorobenzene

Concen: 19.365 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0806WBS01

Tot Ion:112 Resp: 259717

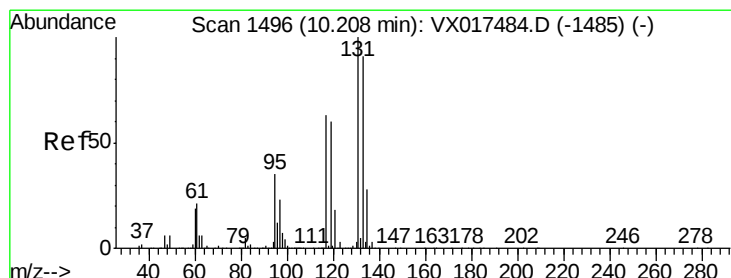
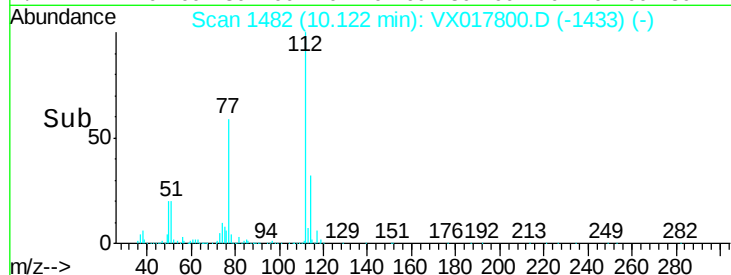
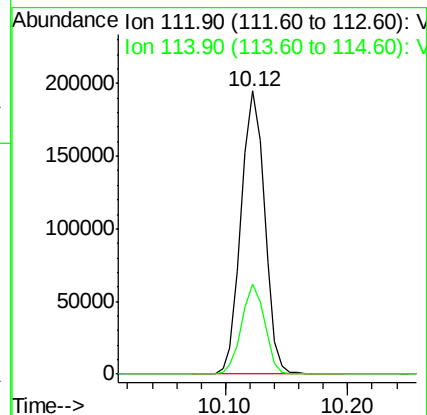
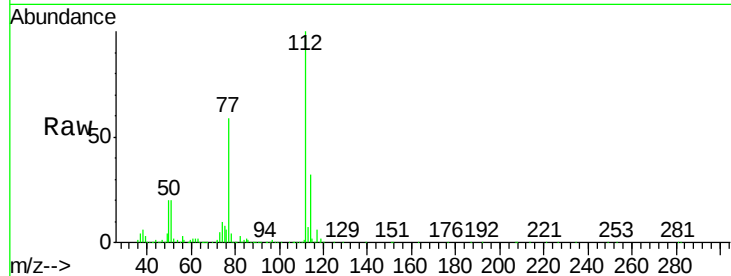
Ion Ratio Lower Upper

112 100

114 31.9 25.7 38.5

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 20.267 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

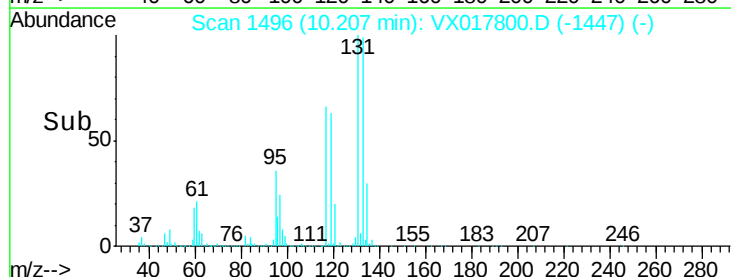
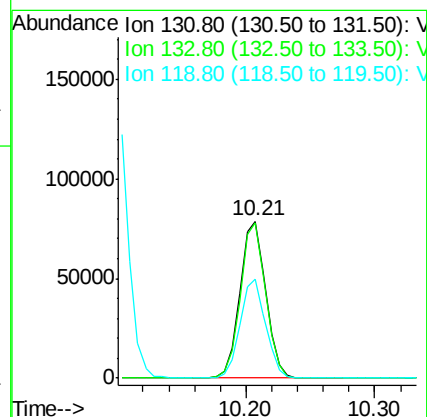
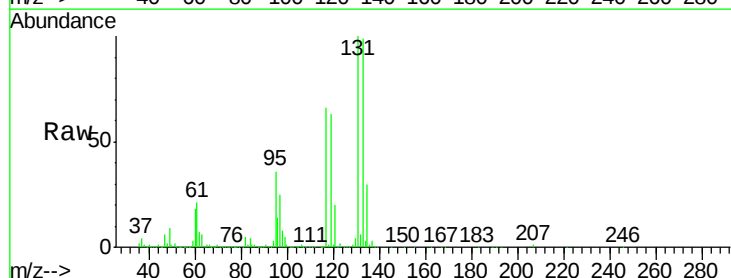
Tgt Ion:131 Resp: 109700

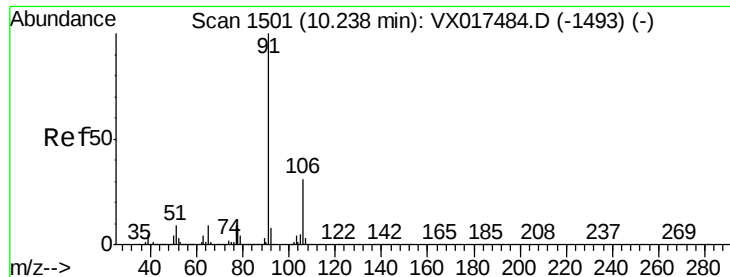
Ion Ratio Lower Upper

131 100

133 96.6 47.9 143.6

119 61.7 31.1 93.3





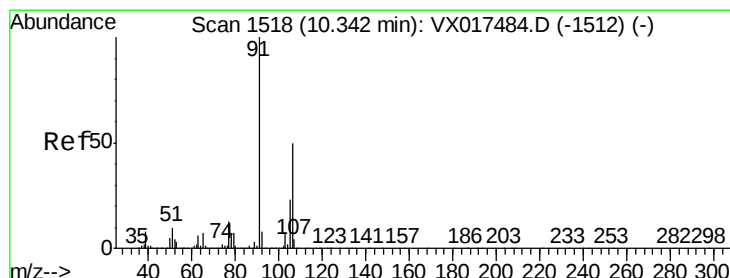
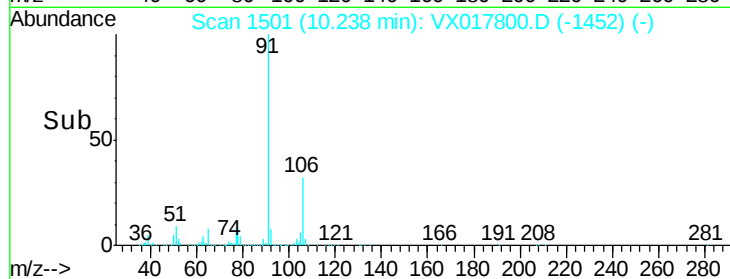
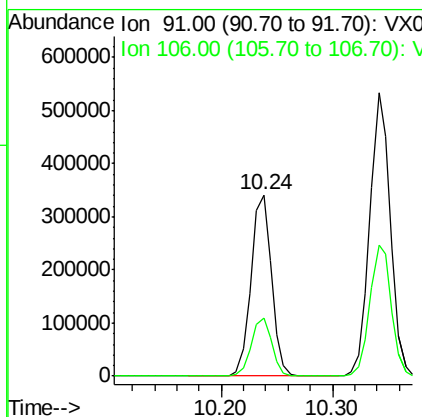
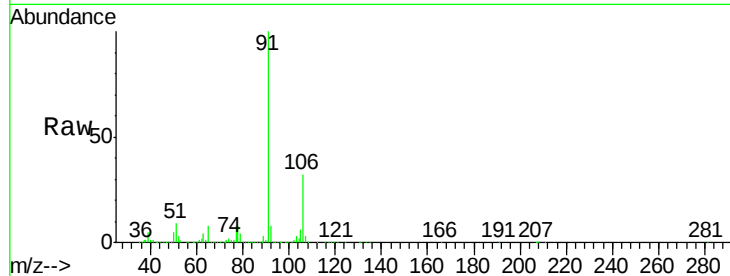
#67  
Ethyl Benzene  
Concen: 19.501 ug/l  
RT: 10.24 min Scan# 1501  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

Tot Ion: 91 Resp: 436589  
Ion Ratio Lower Upper  
91 100  
106 32.0 25.8 38.6

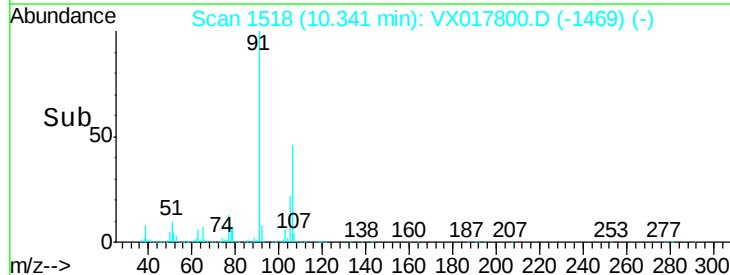
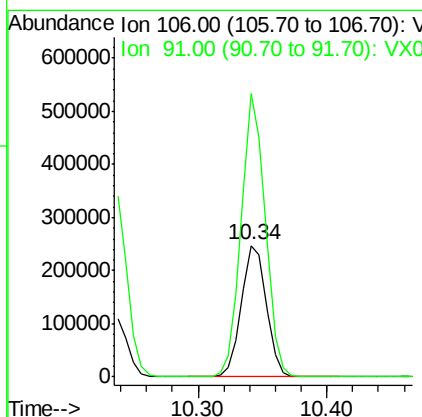
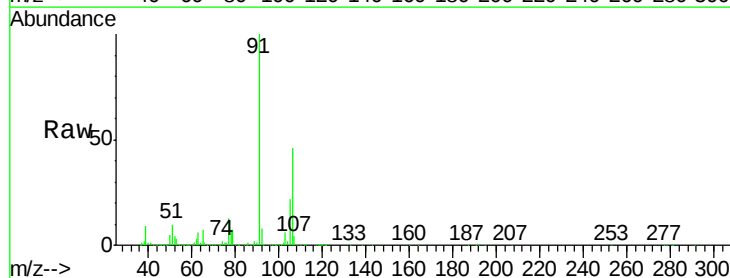
Manual Integrations  
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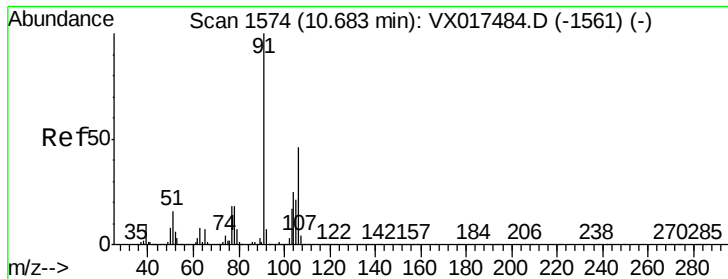
MMDadoda  
8/7/2020 4:32:34 PM



#68  
m/p-Xylenes  
Concen: 38.277 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Tgt Ion: 106 Resp: 331977  
Ion Ratio Lower Upper  
106 100  
91 207.8 160.9 241.3





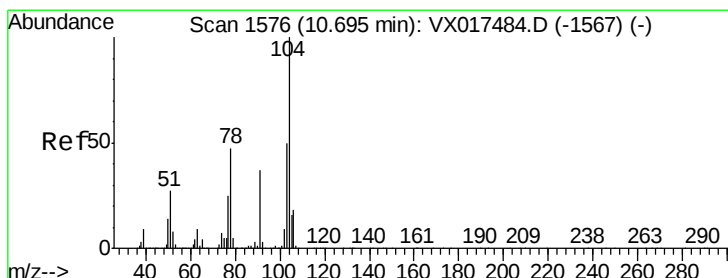
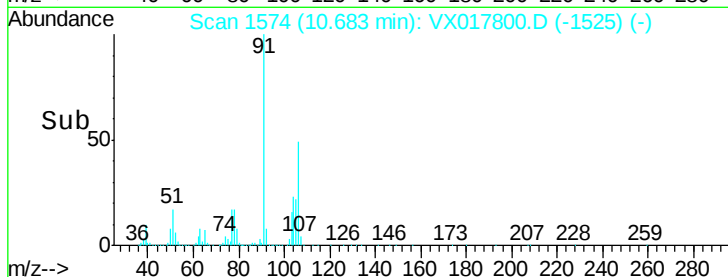
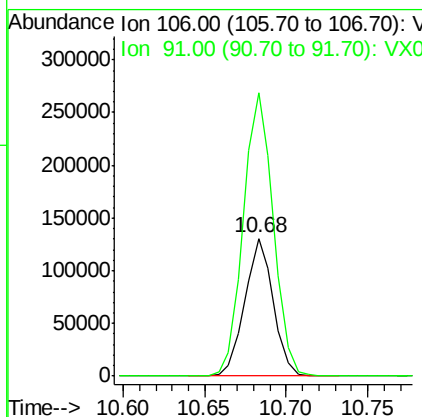
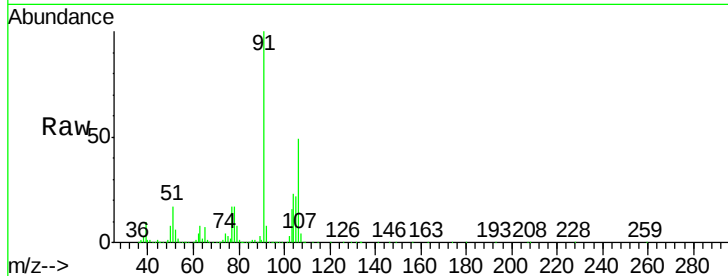
#69  
o-Xylene  
Concen: 19.125 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 159533 |       |       |
| 91      | 215.7 | 108.2  | 324.6 |       |

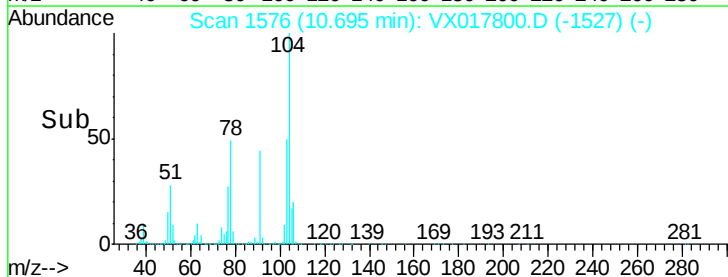
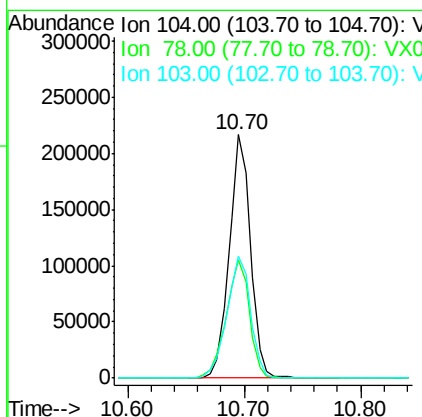
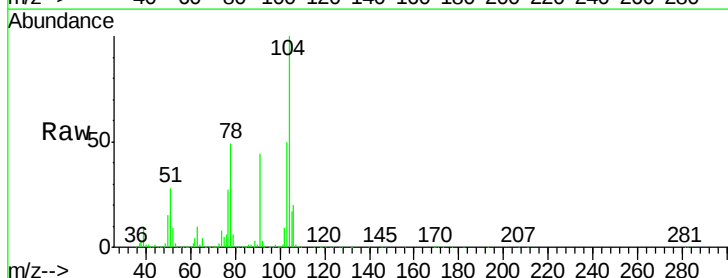
Manual Integrations  
APPROVED

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8/7/2020 4:32:34 PM



#70  
Styrene  
Concen: 19.424 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 275675 |       |       |
| 78      | 53.4  | 42.5   | 63.7  |       |
| 103     | 55.4  | 44.3   | 66.5  |       |





#71

Bromoform

Concen: 20.646 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

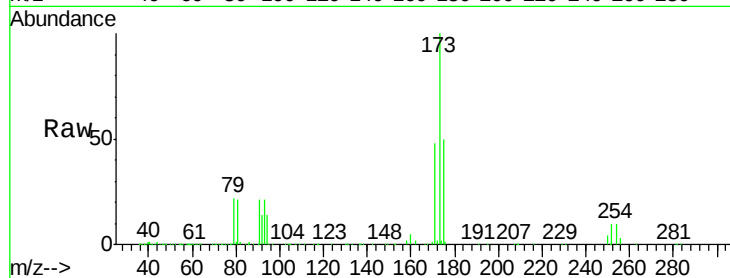
ClientSampleId :

VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.2  | 23.8  | 71.5  |
| 254     | 0.0   | 0.1   | 0.1   |

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM

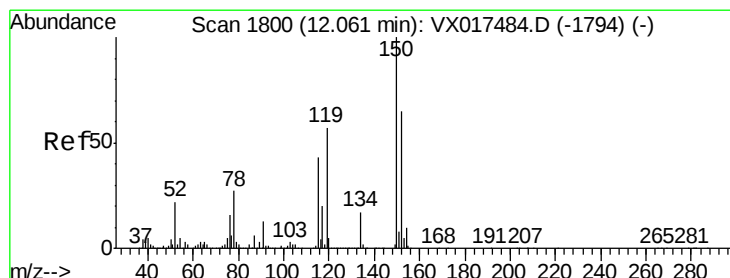
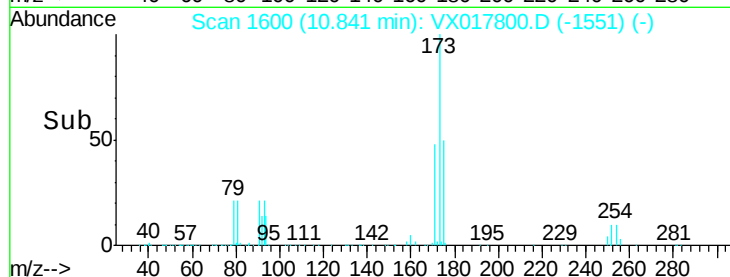
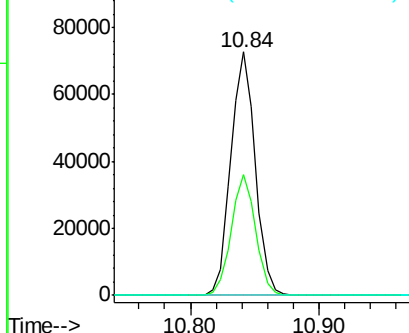


Abundance

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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

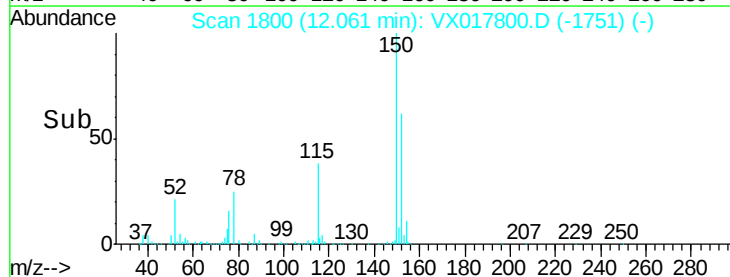
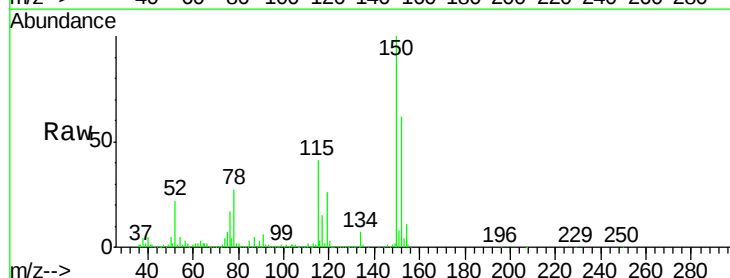
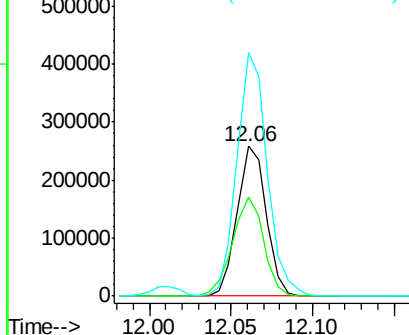
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 70.9  | 65.5  | 196.6 |
| 150     | 168.3 | 0.0   | 412.6 |

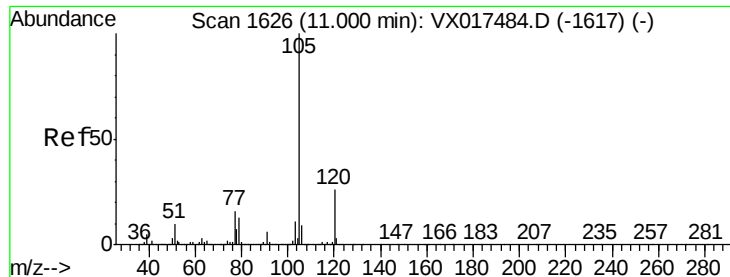
Abundance

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: 19.973 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0806WBS01

Tot Ion: 105 Resp: 439786

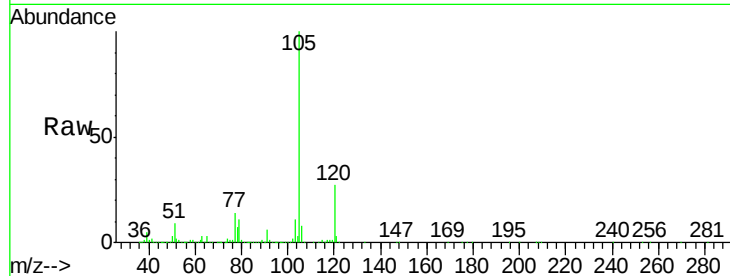
Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

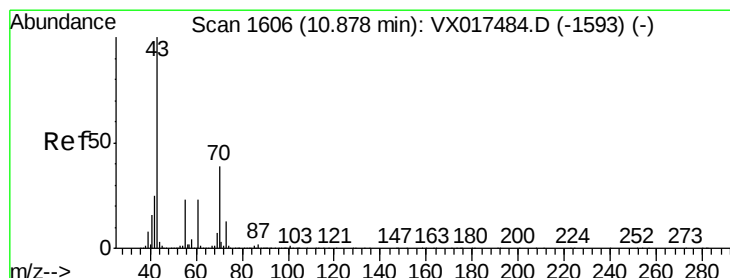
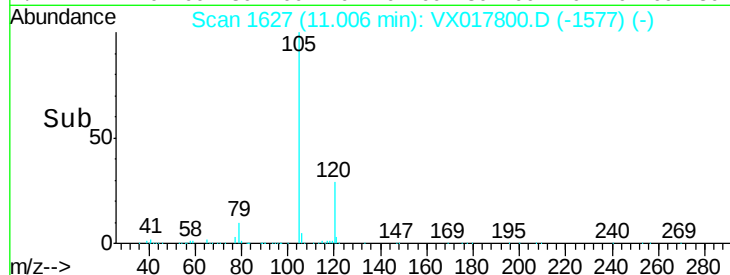
200000

100000

0

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 20.522 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Tgt Ion: 43 Resp: 200770

Ion Ratio Lower Upper

43 100

70 40.1 32.3 48.5

55 24.0 18.4 27.6

61 23.9 18.6 28.0

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

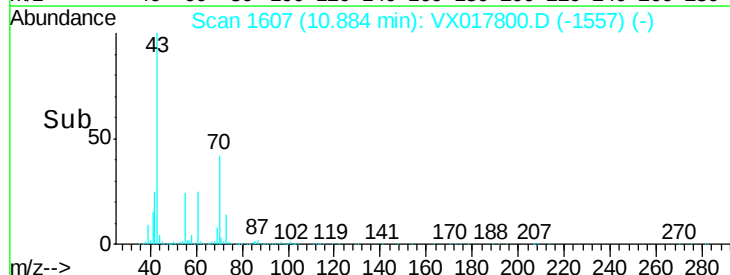
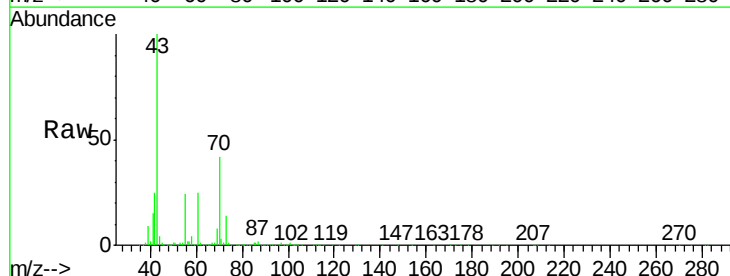
100000

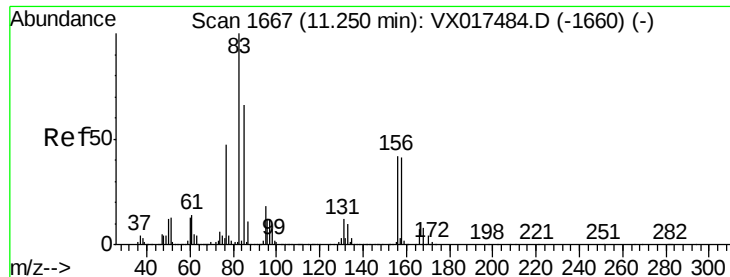
50000

0

10.80 10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.061 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampled :

VX0806WBS01

Tot Ion: 83 Resp: 144752

Ion Ratio Lower Upper

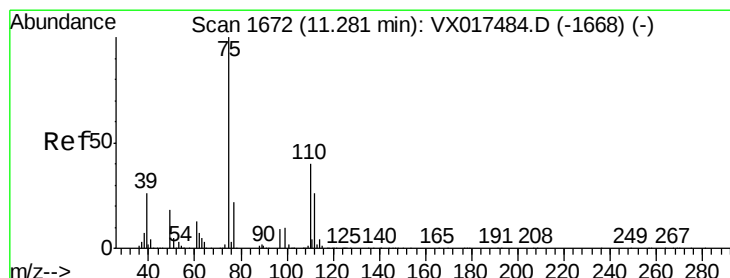
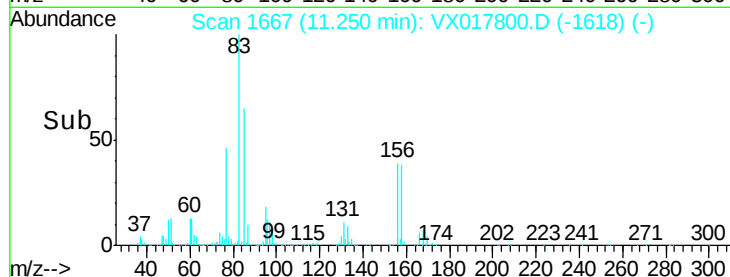
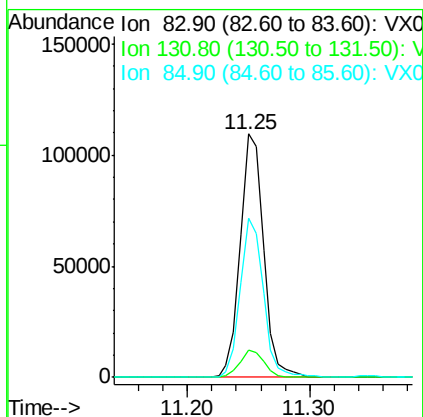
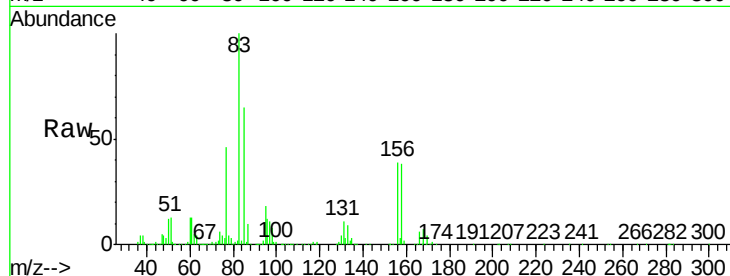
83 100

131 11.6 5.5 16.5

85 64.8 32.1 96.3

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM



#76

1,2,3-Trichloropropane

Concen: 22.149 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017800.D

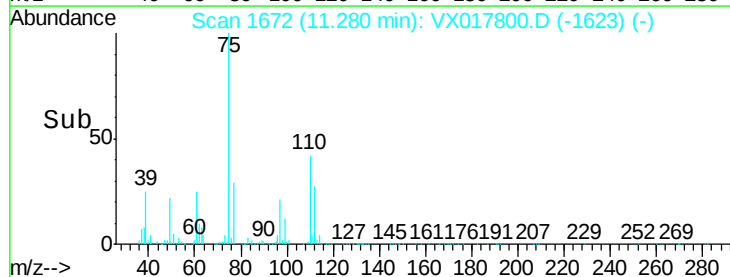
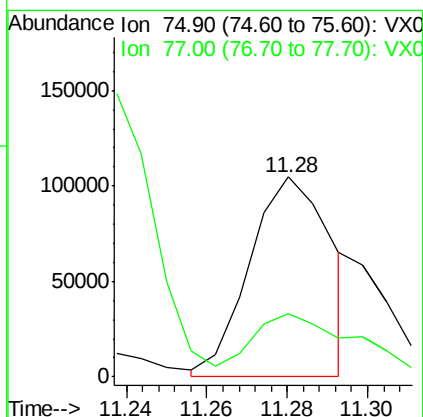
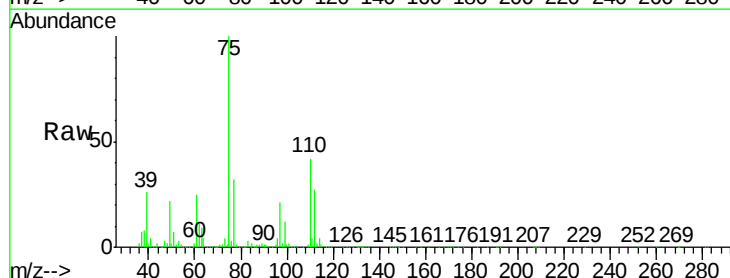
Acq: 06 Aug 2020 11:45

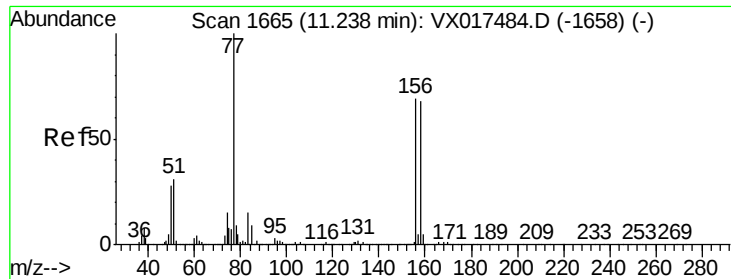
Tgt Ion: 75 Resp: 146237

Ion Ratio Lower Upper

75 100

77 40.3 21.8 65.3





#77

Bromobenzene

Concen: 19.579 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

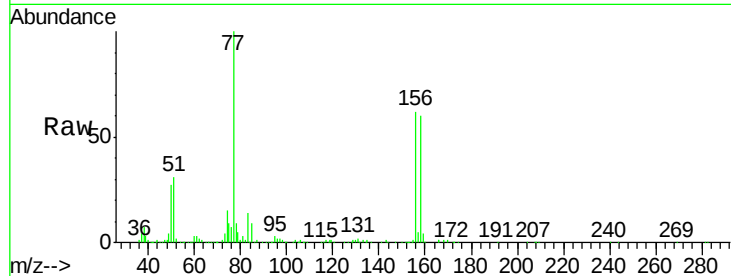
ClientSampleId :

VX0806WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 120692 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 155.5 | 75.0  | 225.0  |
| 158       | 96.8  | 49.1  | 147.3  |

Manual Integrations  
APPROVED

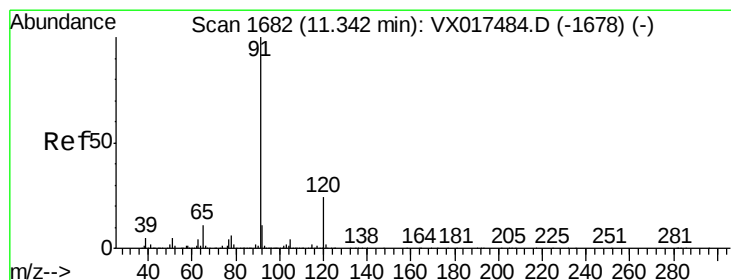
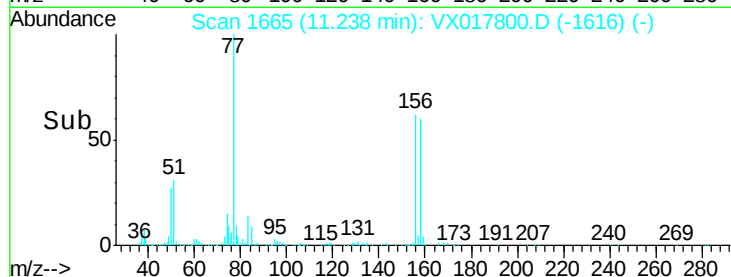
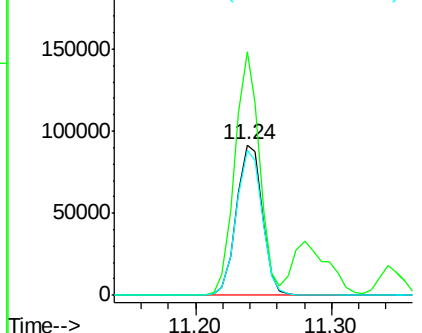
MMDadoda  
8/7/2020 4:32:34 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.174 ug/l

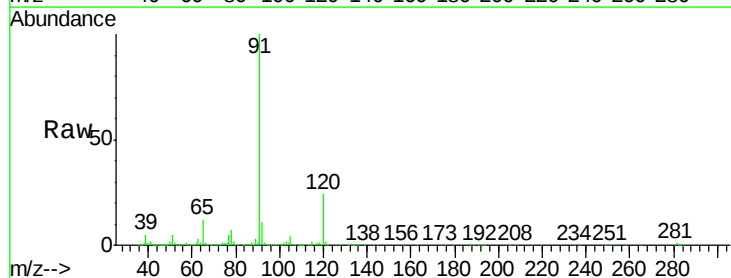
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017800.D

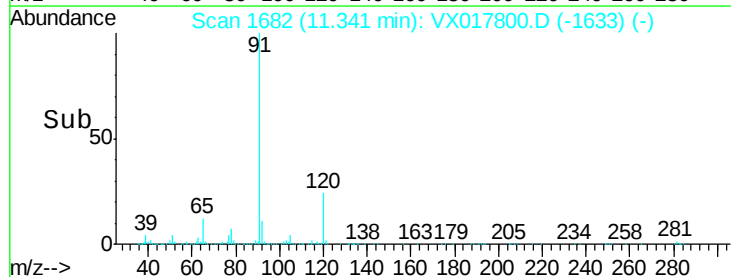
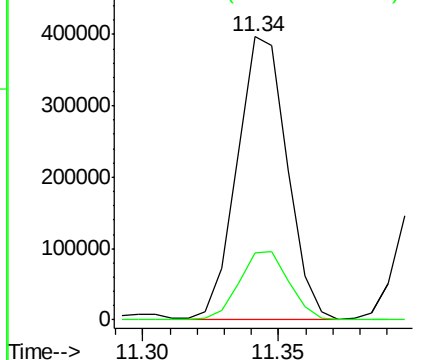
Acq: 06 Aug 2020 11:45

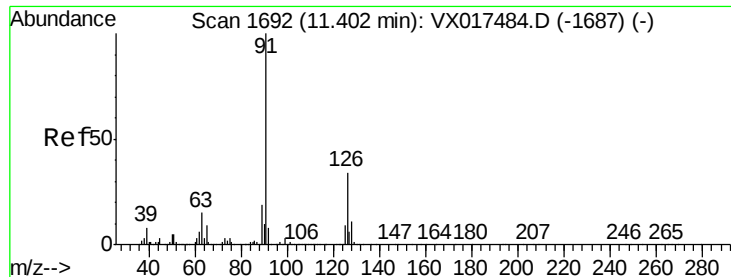
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 501011 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.4  | 12.2  | 36.4   |



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





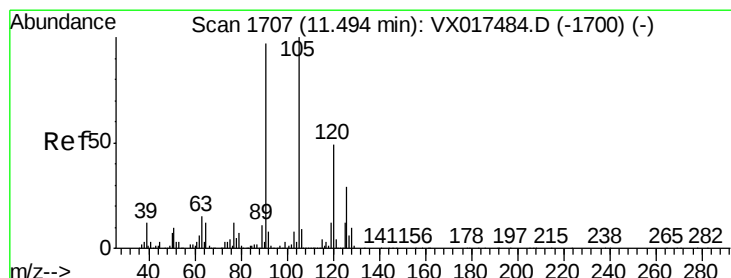
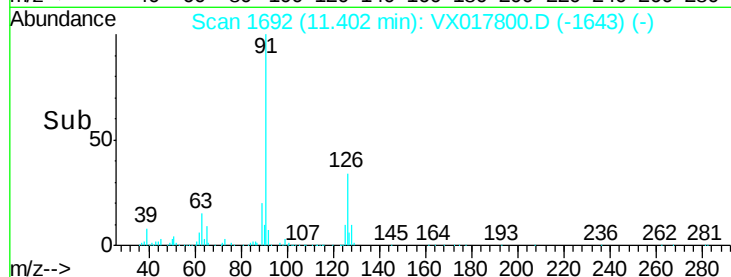
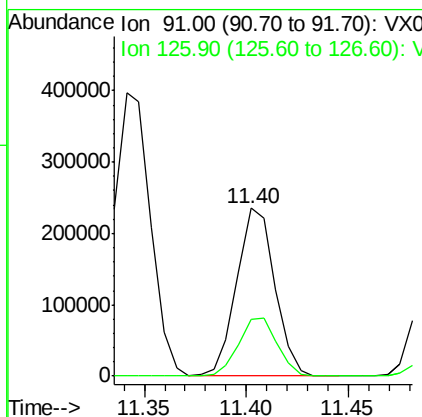
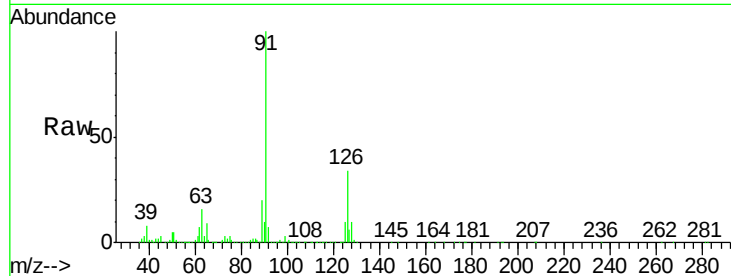
#79  
2-Chlorotoluene  
Concen: 19.819 ug/l  
RT: 11.40 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.3  | 17.5  | 52.5  |

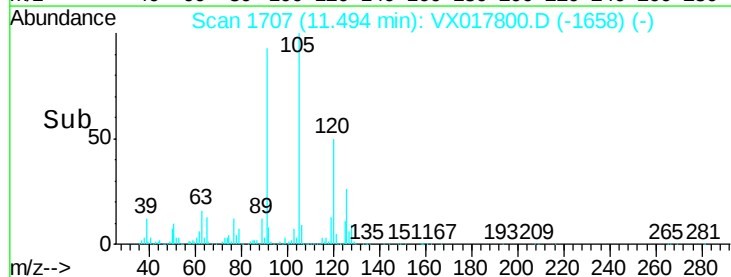
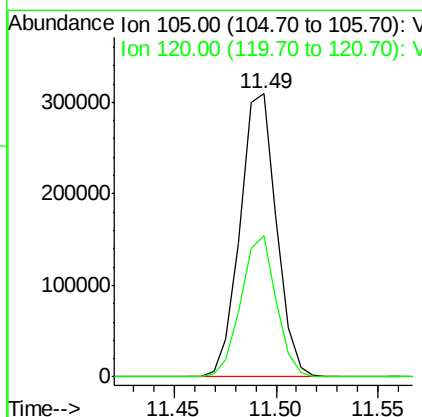
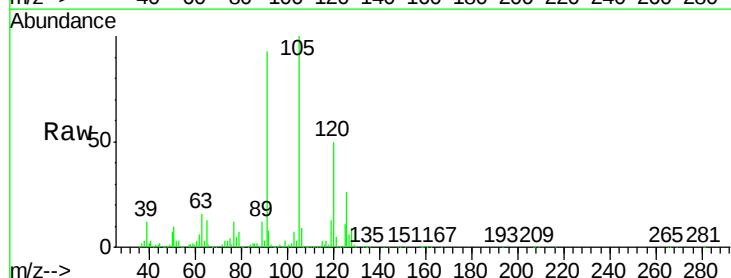
Manual Integrations  
APPROVED

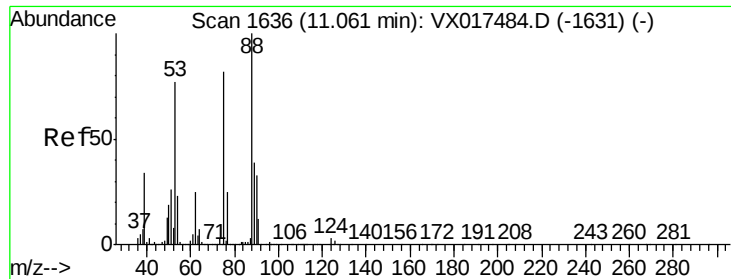
MMDadoda  
8/7/2020 4:32:34 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 20.295 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 48.6  | 24.1  | 72.3  |





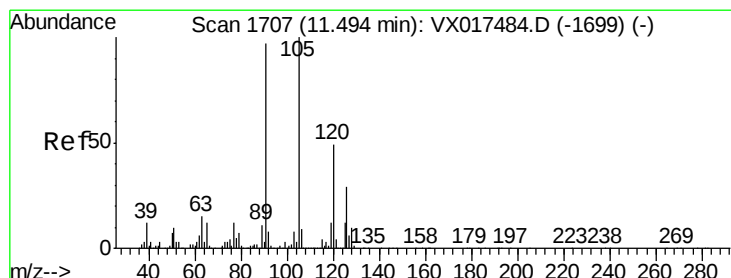
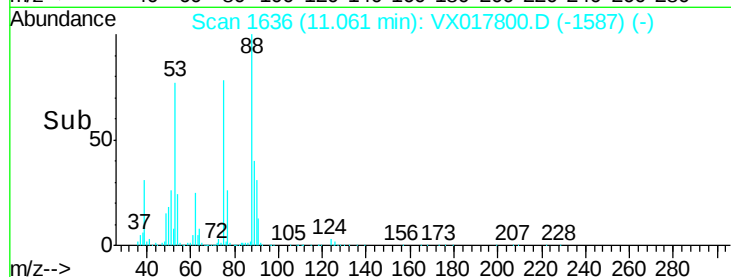
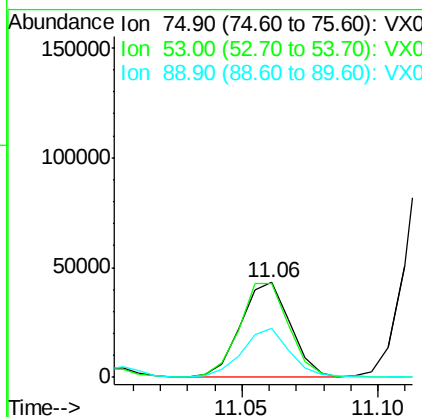
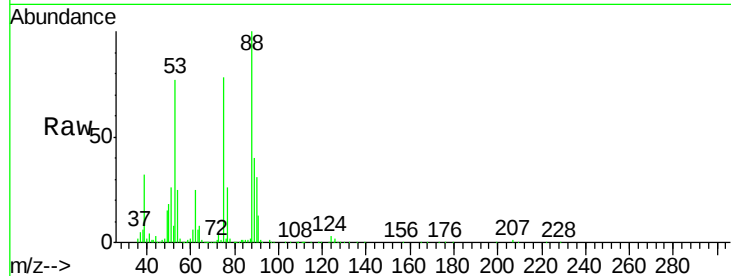
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.693 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 99.7  | 75.9  | 113.9 |
| 89      | 50.3  | 37.8  | 56.6  |

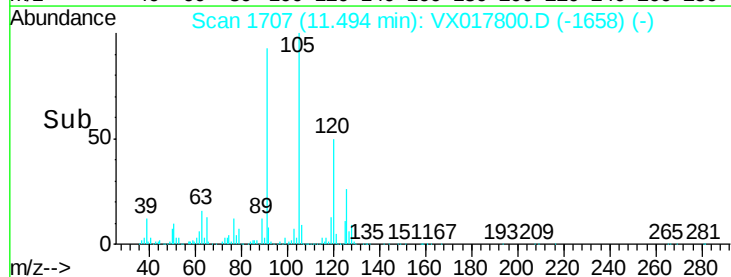
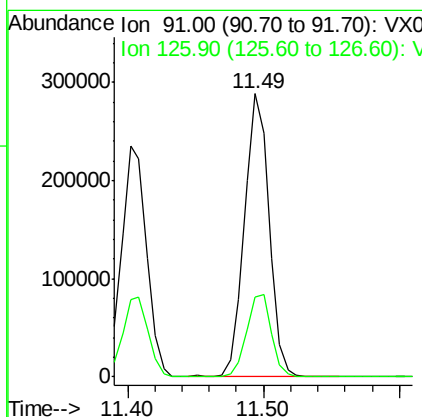
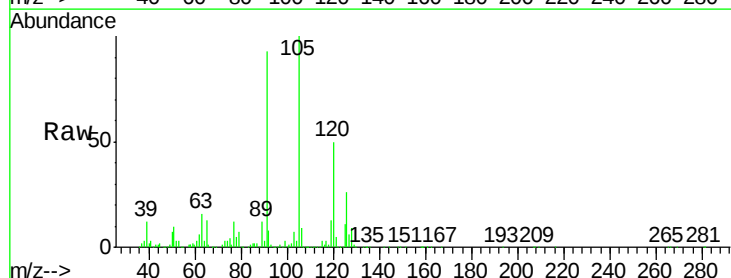
Manual Integrations  
APPROVED

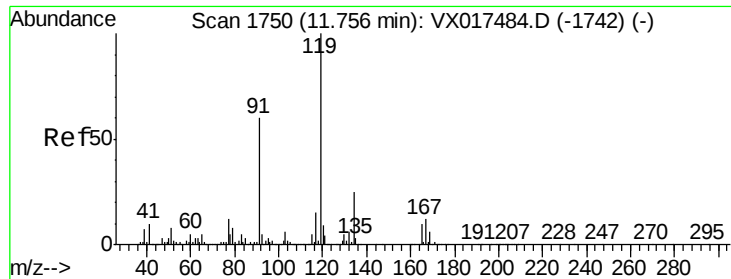
MMDadoda  
8/7/2020 4:32:34 PM



#82  
4-Chlorotoluene  
Concen: 20.085 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.5  | 15.2  | 45.6  |





#83

tert-Butylbenzene

Concen: 20.050 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

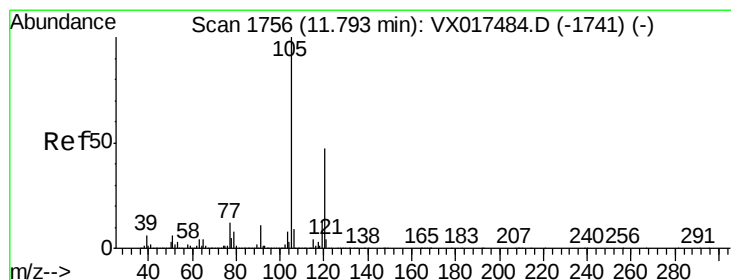
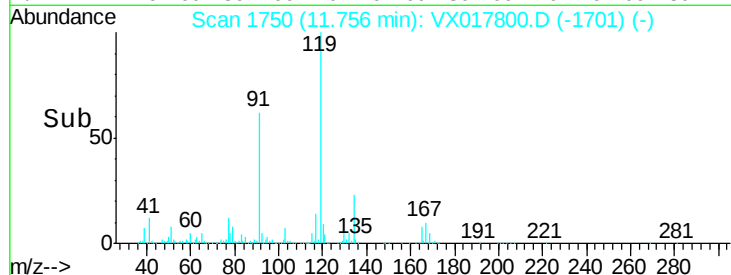
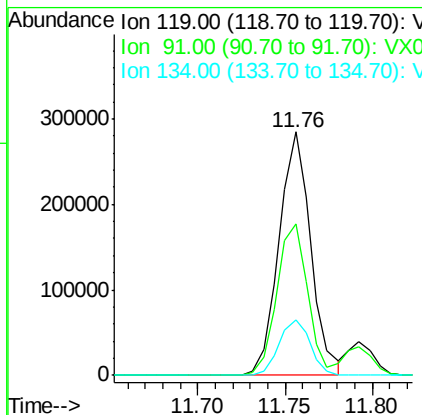
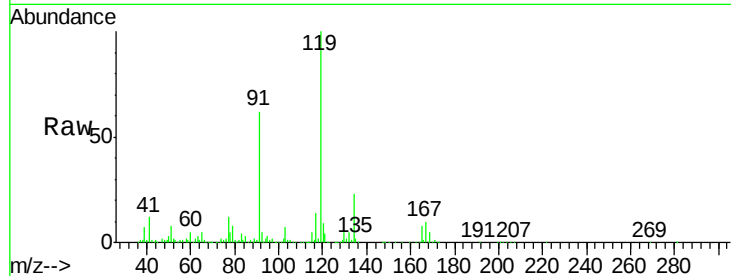
ClientSampleId :

VX0806WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 360689 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 60.1  | 29.3  | 88.0   |
| 134       | 22.5  | 11.2  | 33.6   |

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM



#84

1,2,4-Trimethylbenzene

Concen: 20.342 ug/l

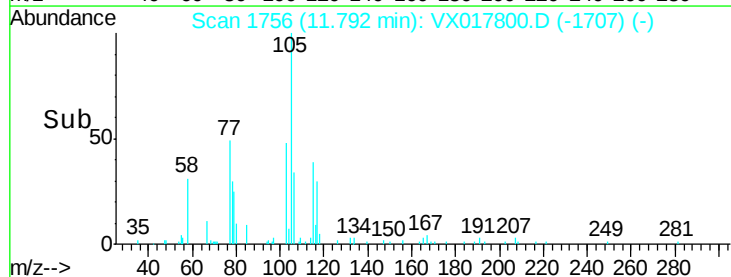
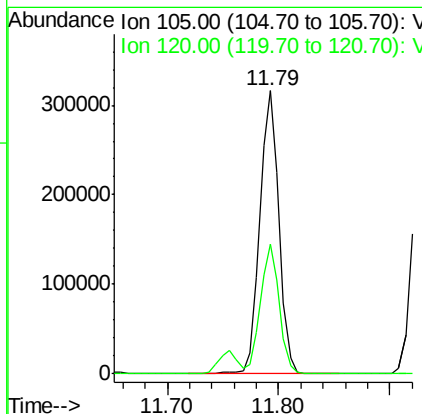
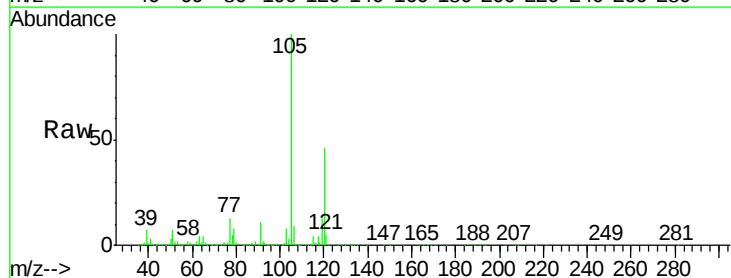
RT: 11.79 min Scan# 1756

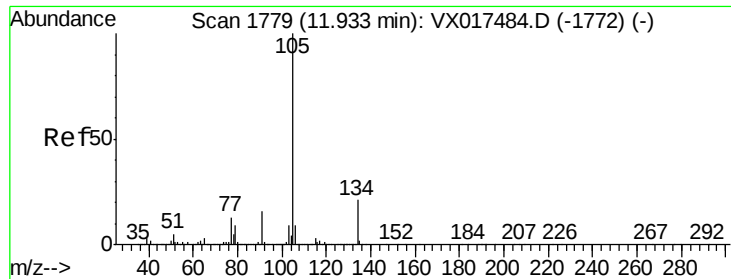
Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 380371 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 44.9  | 22.7  | 68.0   |





#85

sec-Butylbenzene

Concen: 20.445 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

Instrument :

MSVOA\_X

ClientSampleId :

VX0806WBS01

Tot Ion:105 Resp: 428440

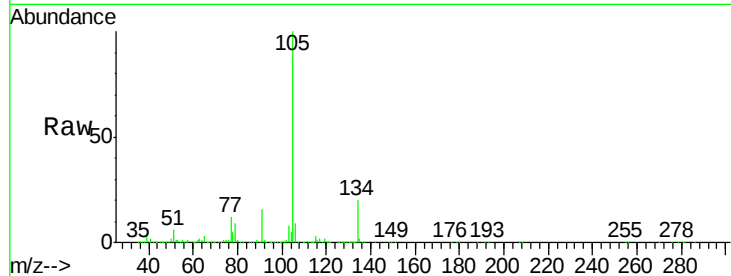
Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2

Manual Integrations  
APPROVED

MMDadoda  
8/7/2020 4:32:34 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

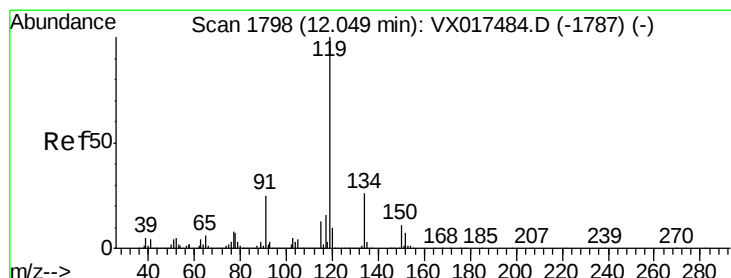
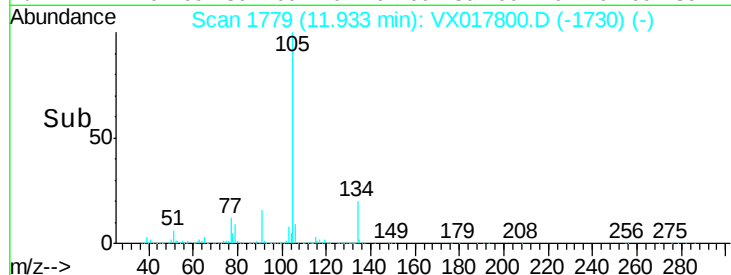
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.997 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017800.D

Acq: 06 Aug 2020 11:45

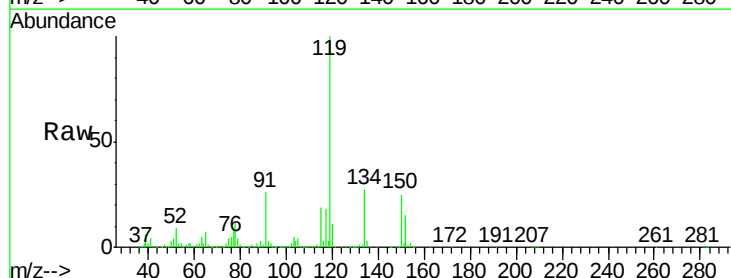
Tgt Ion:119 Resp: 399070

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 25.0 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

400000

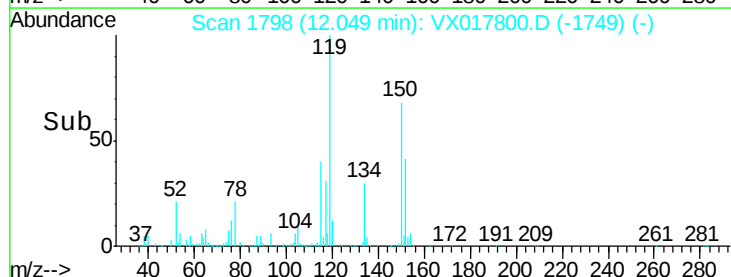
300000

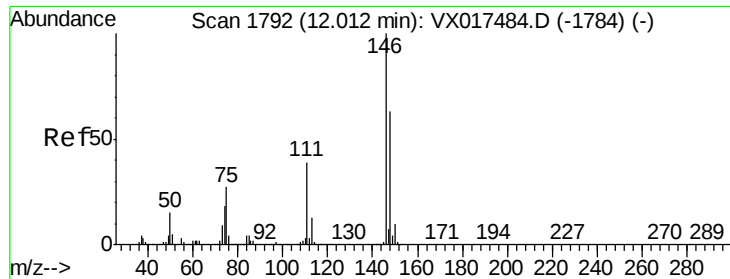
200000

100000

0

Time--> 12.00 12.10





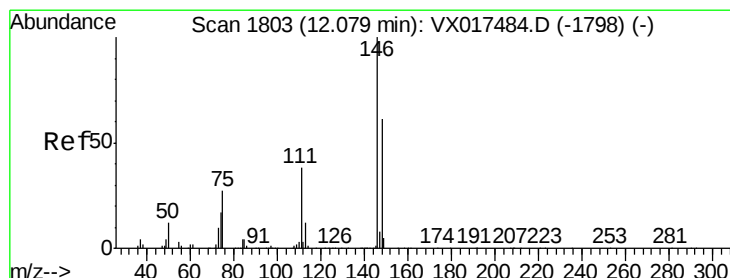
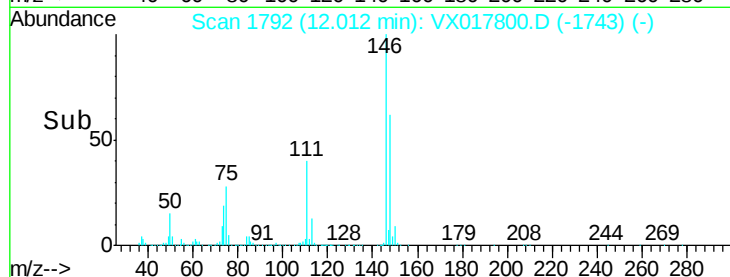
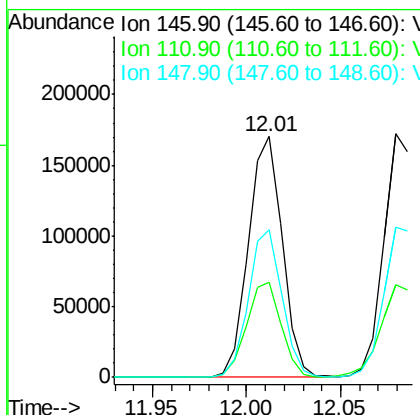
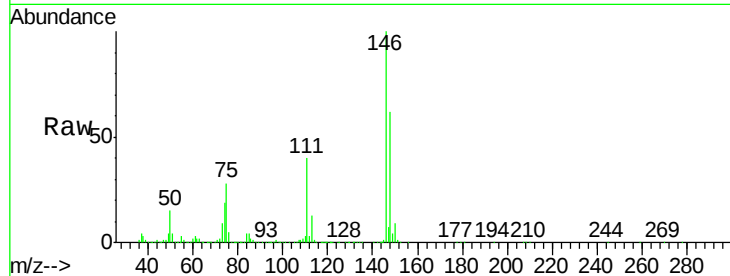
#87  
 1,3-Dichlorobenzene  
 Concen: 20.099 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.5  | 19.9  | 59.7  |
| 148     | 60.6  | 31.6  | 95.0  |

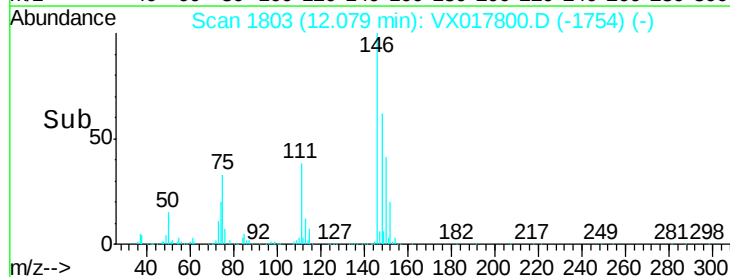
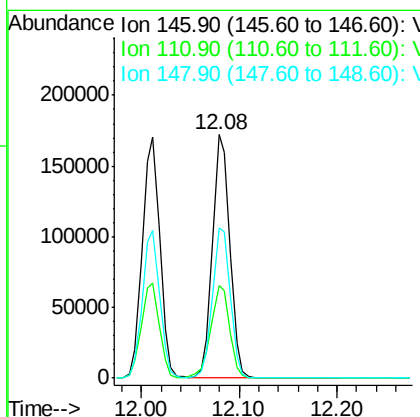
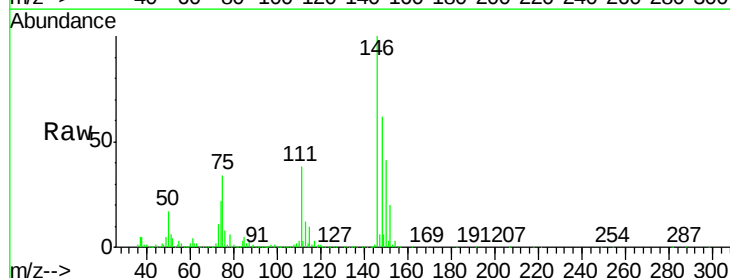
Manual Integrations  
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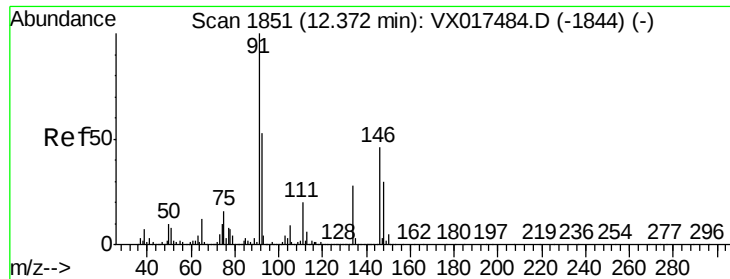
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 19.463 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.1  | 19.3  | 57.8  |
| 148     | 63.7  | 32.2  | 96.6  |





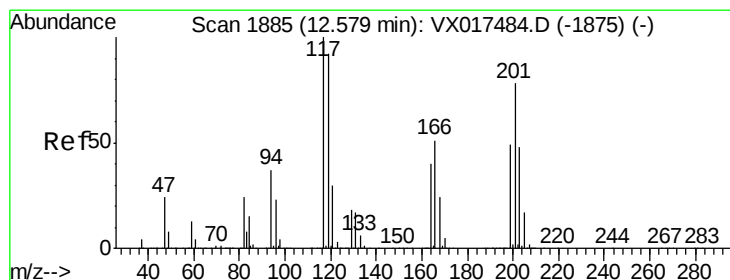
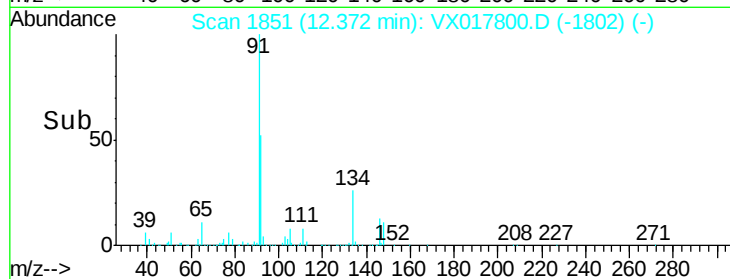
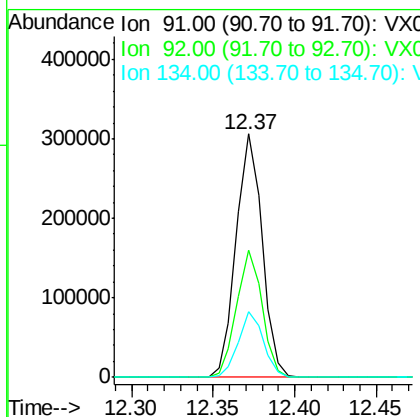
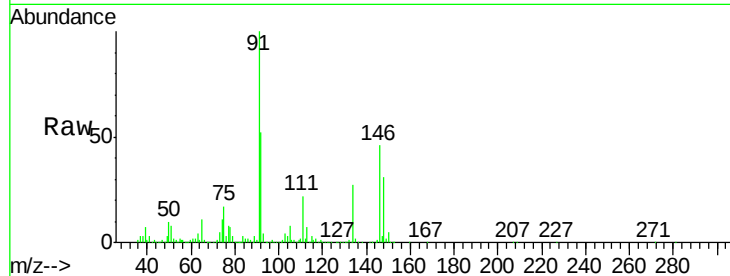
#89  
n-Butylbenzene  
Concen: 19.219 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.4  | 26.7  | 80.1  |
| 134     | 26.1  | 13.6  | 40.7  |

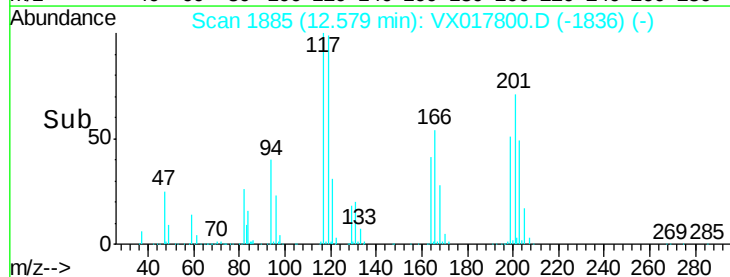
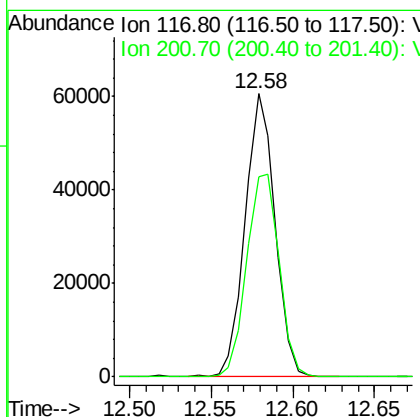
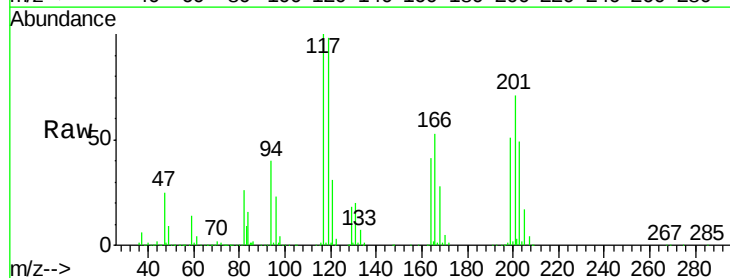
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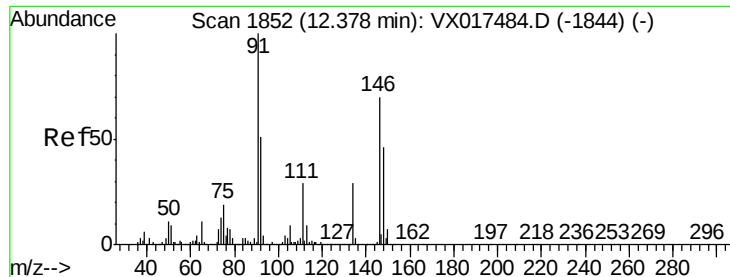
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#90  
Hexachloroethane  
Concen: 19.664 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 77.9  | 42.2  | 126.6 |





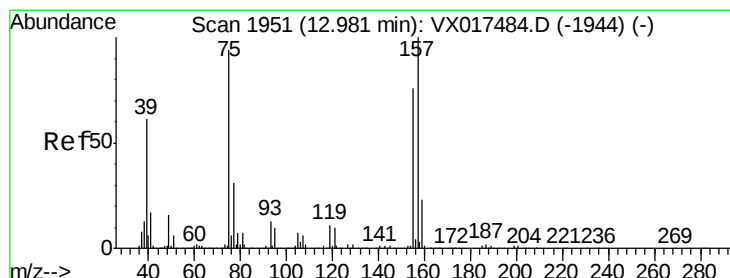
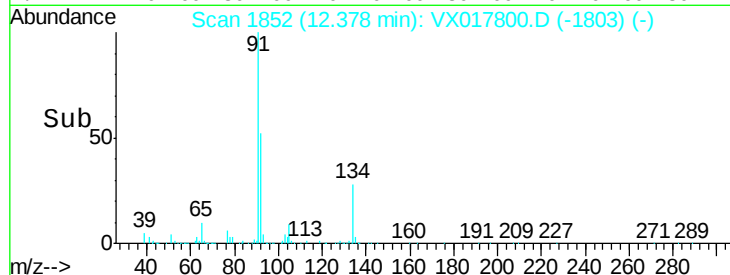
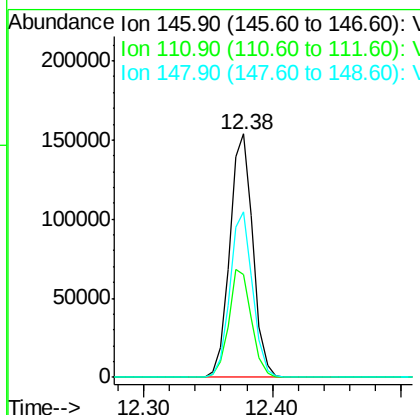
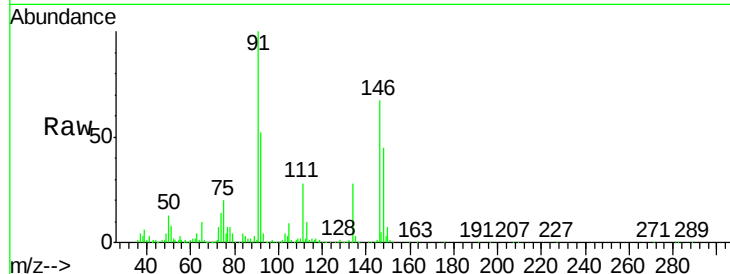
#91  
 1,2-Dichlorobenzene  
 Concen: 18.660 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0806WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 194136 |       |       |
| 111     | 43.5  | 20.9   | 62.8  |       |
| 148     | 66.6  | 32.8   | 98.4  |       |

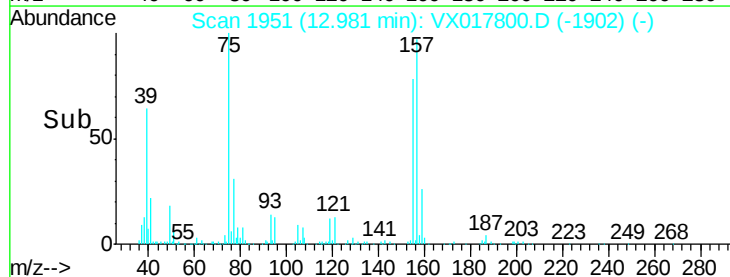
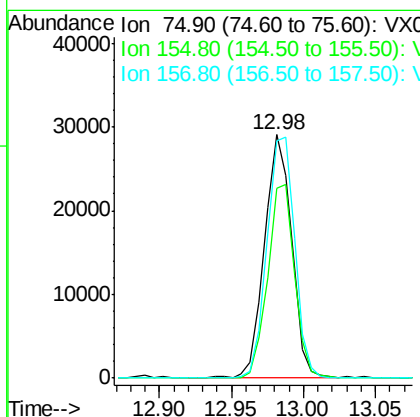
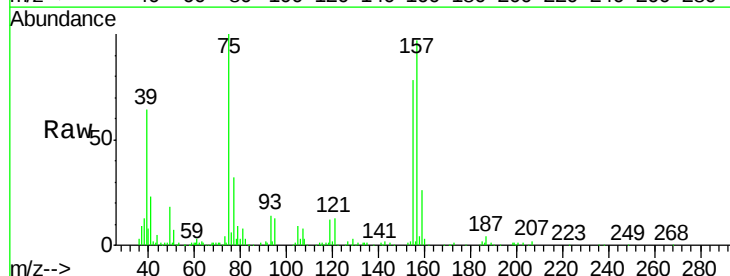
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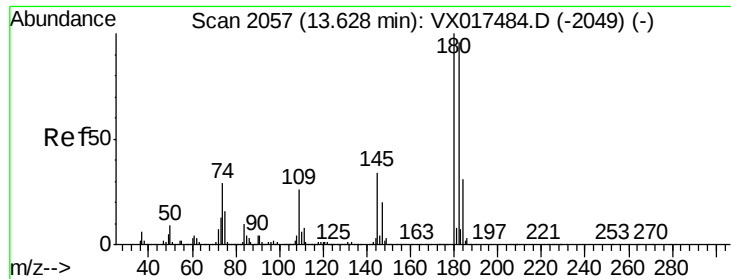
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.874 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 37497 |       |       |
| 155     | 79.2  | 42.3  | 126.8 |       |
| 157     | 102.0 | 54.3  | 162.9 |       |





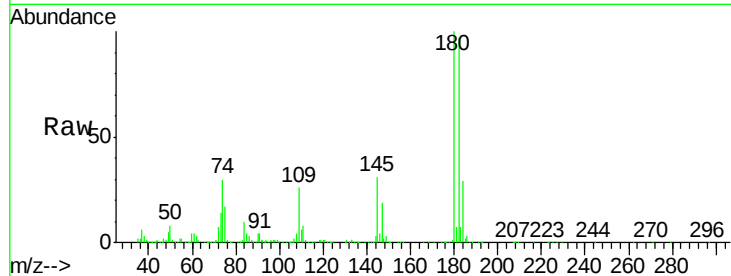
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.636 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0806WBS01

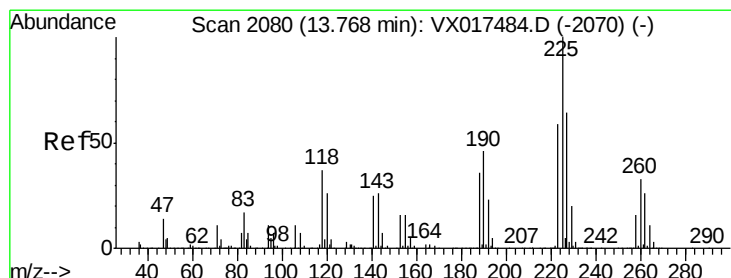
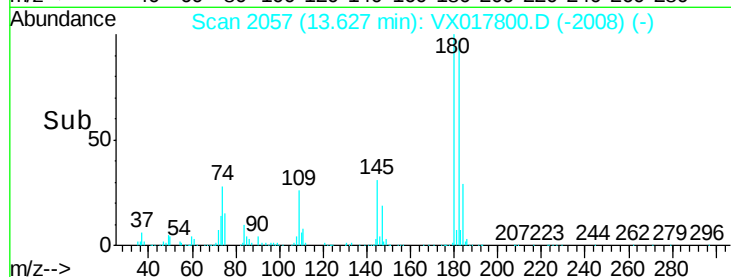
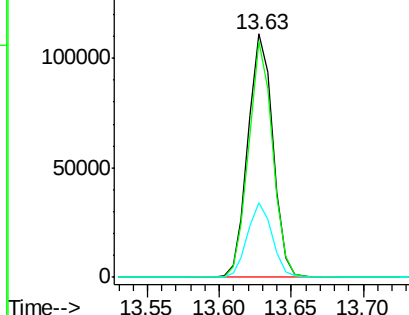
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 132323 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.3  | 47.5  | 142.6  |
| 145       | 30.5  | 15.4  | 46.4   |

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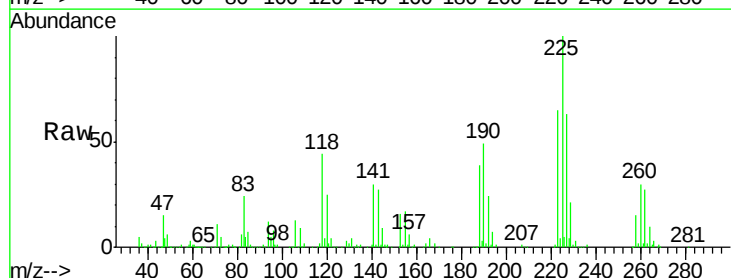


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

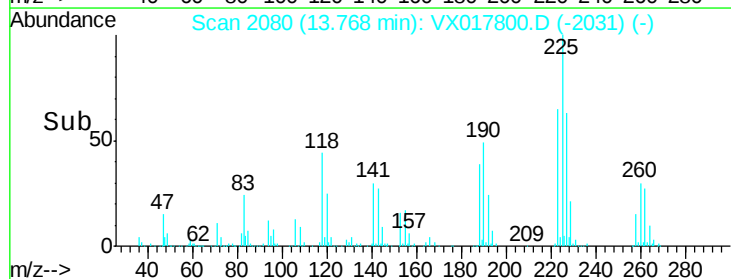
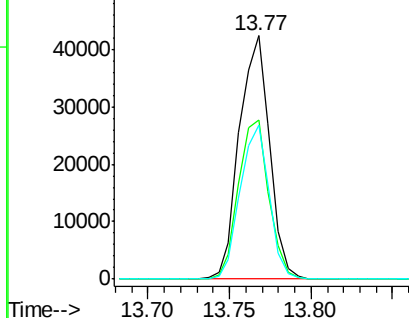


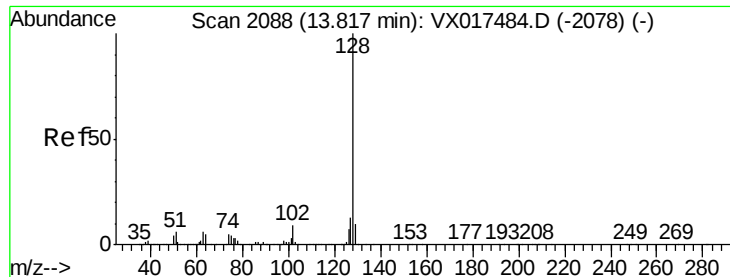
#94  
 Hexachlorobutadiene  
 Concen: 16.767 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: VX017800.D  
 Acq: 06 Aug 2020 11:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 54804 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 65.9  | 30.3  | 90.9  |
| 227       | 60.6  | 31.1  | 93.2  |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





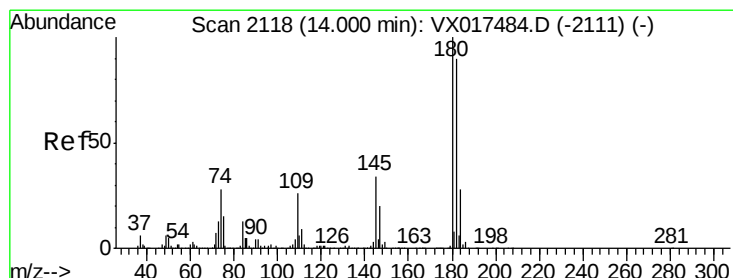
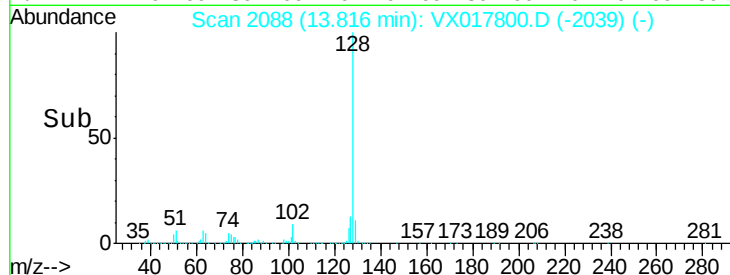
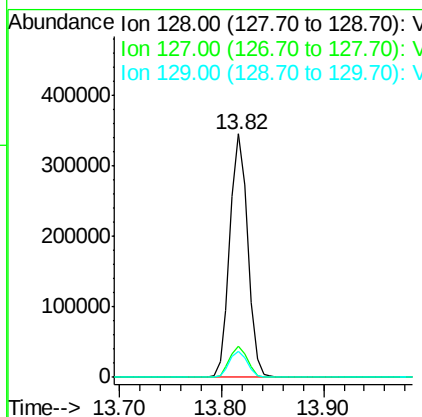
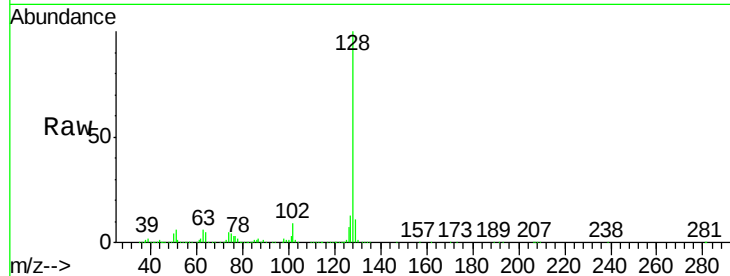
#95  
Naphthalene  
Concen: 19.633 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0806WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 416153 |       |       |
| 127     | 12.8  | 10.4   | 15.6  |       |
| 129     | 10.9  | 8.9    | 13.3  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 18.927 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. -0.00 min  
Lab File: VX017800.D  
Acq: 06 Aug 2020 11:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 132699 |       |       |
| 182     | 95.5  | 47.4   | 142.3 |       |
| 145     | 32.8  | 16.3   | 48.9  |       |

