

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX031020\  
 Data File : VX015156.D  
 Acq On : 10 Mar 2020 09:11  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 3/11/2020 3:21:26 PM

Quant Time: Mar 11 07:36:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 04 14:19:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 346623   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 515143   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 482219   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 255941   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 198953   | 48.38 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.76%  |      |
| 35) Dibromofluoromethane  | 5.48   | 113 | 164665   | 50.67 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.34% |      |
| 50) Toluene-d8            | 8.71   | 98  | 629587   | 50.93 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.86% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 226593   | 51.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.78% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 149167  | 49.145  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 213849  | 49.738  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.41 | 62  | 216383  | 49.632  | ug/l | 98     |
| 5) Bromomethane               | 1.64 | 94  | 129467  | 48.303  | ug/l | 99     |
| 6) Chloroethane               | 1.72 | 64  | 133536  | 51.060  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 256910  | 49.524  | ug/l | 99     |
| 8) Diethyl Ether              | 2.18 | 74  | 113425  | 48.273  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 166988  | 51.164  | ug/l | 99     |
| 10) Methyl Iodide             | 2.50 | 142 | 162294  | 44.013  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.04 | 59  | 162991  | 228.448 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 160079  | 47.524  | ug/l | 99     |
| 13) Acrolein                  | 2.28 | 56  | 157516  | 234.925 | ug/l | 99     |
| 14) Allyl chloride            | 2.72 | 41  | 292408  | 49.786  | ug/l | 99     |
| 15) Acrylonitrile             | 3.13 | 53  | 437519  | 246.236 | ug/l | 100    |
| 16) Acetone                   | 2.44 | 43  | 468052  | 281.048 | ug/l | 96     |
| 17) Carbon Disulfide          | 2.56 | 76  | 438625  | 46.890  | ug/l | 99     |
| 18) Methyl Acetate            | 2.76 | 43  | 190279  | 46.727  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 537373  | 51.052  | ug/l | 100    |
| 20) Methylene Chloride        | 2.85 | 84  | 186211  | 47.778  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 179650  | 49.949  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.84 | 45  | 609223  | 52.064  | ug/l | 92     |
| 23) Vinyl Acetate             | 3.80 | 43  | 2532125 | 263.247 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 324712  | 49.998  | ug/l | 100    |
| 25) 2-Butanone                | 4.65 | 43  | 642523  | 263.533 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 266520  | 51.695  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 205302  | 50.880  | ug/l | 99     |
| 28) Bromochloromethane        | 5.00 | 49  | 150800  | 50.992  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.11 | 42  | 380204  | 241.916 | ug/l | 98     |
| 30) Chloroform                | 5.20 | 83  | 322076  | 50.882  | ug/l | 100    |
| 31) Cyclohexane               | 5.57 | 56  | 291354  | 50.296  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 273048  | 52.037  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 246141  | 51.686  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.81 | 43  | 239359  | 54.184  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 239497  | 53.278  | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031020\  
 Data File : VX015156.D  
 Acq On : 10 Mar 2020 09:11  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 3/11/2020 3:21:26 PM

Quant Time: Mar 11 07:36:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 04 14:19:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 303615   | 54.599  | ug/l  | 99       |
| 40) Benzene                    | 6.13  | 78   | 732369   | 51.834  | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.02  | 41   | 132364   | 49.884  | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 256328   | 52.828  | ug/l  | 98       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 399154   | 51.363  | ug/l  | 99       |
| 44) Trichloroethene            | 7.20  | 130  | 202369   | 51.430  | ug/l  | 95       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 192886   | 52.742  | ug/l  | 99       |
| 46) Dibromomethane             | 7.65  | 93   | 123283   | 51.735  | ug/l  | 99       |
| 47) Bromodichloromethane       | 7.89  | 83   | 255072   | 54.129  | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.76  | 41   | 202365   | 51.163  | ug/l  | 99       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 84739    | 990.891 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.63  | 43   | 1221608  | 265.866 | ug/l  | 100      |
| 52) Toluene                    | 8.78  | 92   | 464464   | 53.764  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 276772   | 55.181  | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 310394   | 54.740  | ug/l  | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 186405   | 52.423  | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 282467   | 55.693  | ug/l  | 98       |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 316184   | 52.855  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 761856   | 275.733 | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 947943   | 278.347 | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 199943   | 53.529  | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 193052   | 51.690  | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.33  | 164  | 208254   | 52.233  | ug/l  | 99       |
| 65) Chlorobenzene              | 10.13 | 112  | 497461   | 51.384  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 186558   | 51.104  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 892854   | 54.311  | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.35 | 106  | 683908   | 109.342 | ug/l  | 99       |
| 69) o-Xylene                   | 10.69 | 106  | 324085   | 54.118  | ug/l  | 99       |
| 70) Styrene                    | 10.71 | 104  | 571778   | 55.686  | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 148740   | 52.542  | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.01 | 105  | 874983   | 53.517  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 347127   | 50.379  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 268299   | 49.240  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 224453m  | 43.965  | ug/l  |          |
| 77) Bromobenzene               | 11.25 | 156  | 228521   | 50.153  | ug/l  | 100      |
| 78) n-propylbenzene            | 11.35 | 91   | 1017999  | 54.500  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 598283   | 53.634  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 747482   | 54.920  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 89985    | 50.023  | ug/l  | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 700601   | 53.161  | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 706606   | 53.692  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 745888   | 54.551  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 880442   | 55.420  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 816049   | 55.753  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 412249   | 51.467  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 414058   | 50.069  | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 738718   | 56.746  | ug/l  | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 144501   | 52.220  | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 407354   | 51.152  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 54346    | 49.809  | ug/l  | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\  
Data File : VX015156.D  
Acq On : 10 Mar 2020 09:11  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

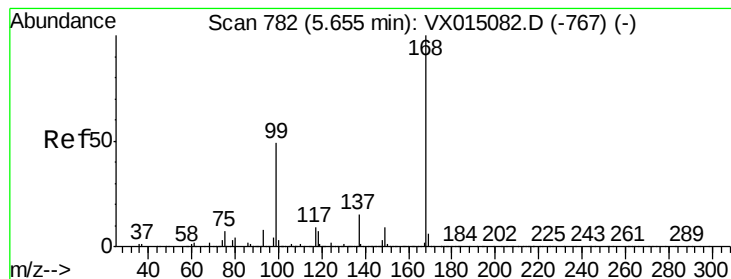
MMDadoda  
3/11/2020 3:21:26 PM

Quant Time: Mar 11 07:36:16 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030420W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 04 14:19:10 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 296636   | 53.662 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 146424   | 51.619 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 836411   | 49.389 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 298573   | 54.135 | ug/l  | 99       |

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





#1

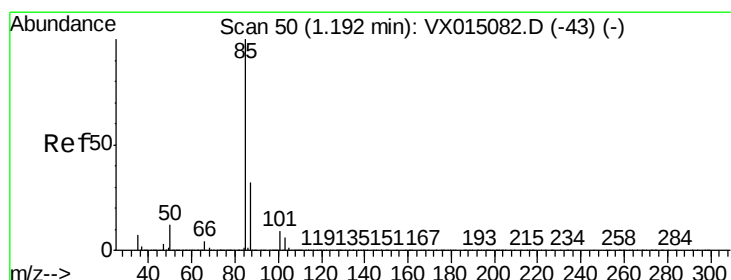
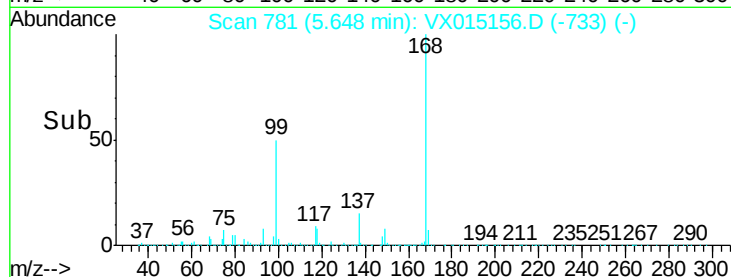
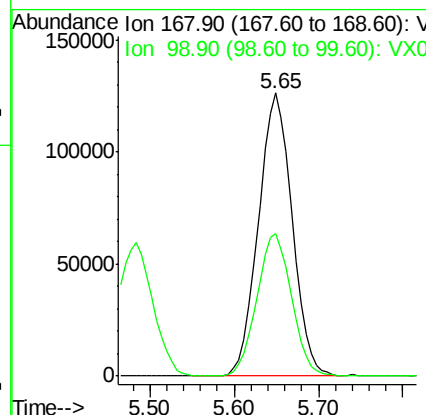
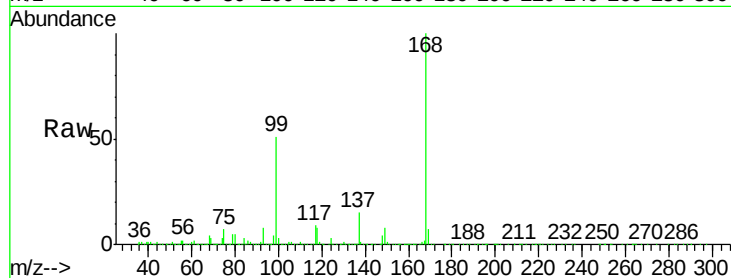
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.65 min Scan# 781  
 Delta R.T. -0.01 min  
 Lab File: VX015156.D  
 Acq: 10 Mar 2020 09:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 50.3  | 39.4  | 59.2  |

Manual Integrations  
 APPROVED

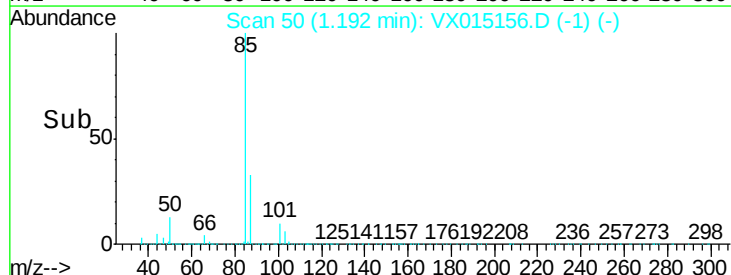
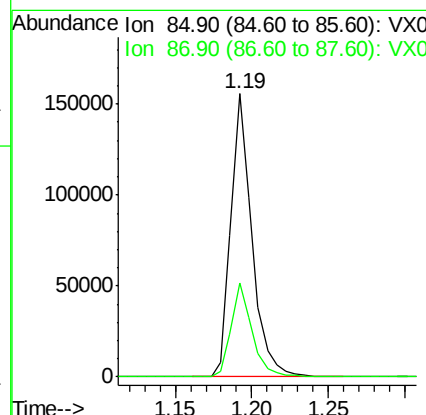
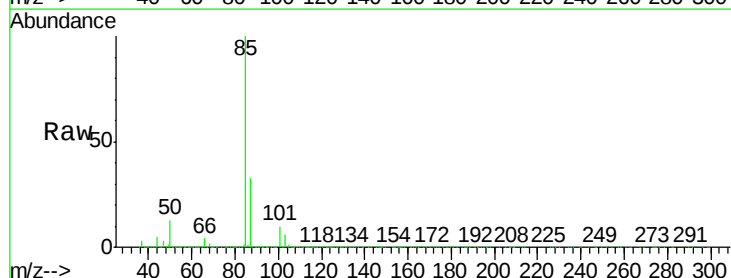
MMDadoda  
 3/11/2020 3:21:26 PM

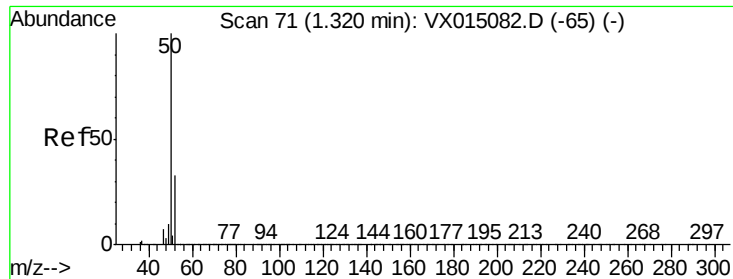


#2

Dichlorodifluoromethane  
 Concen: 49.145 ug/l  
 RT: 1.19 min Scan# 50  
 Delta R.T. -0.00 min  
 Lab File: VX015156.D  
 Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.9  | 16.2  | 48.5  |





#3

Chloromethane

Concen: 49.738 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 213849

Ion Ratio Lower Upper

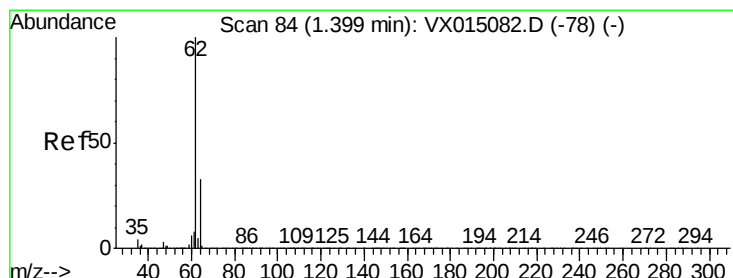
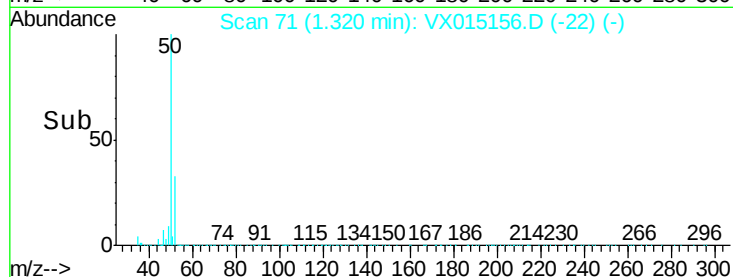
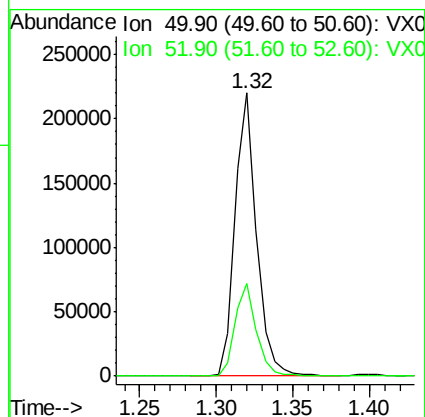
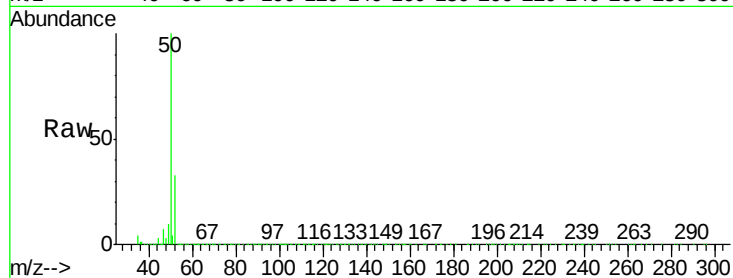
50 100

52 32.8 26.2 39.2

Manual Integrations  
APPROVED

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3/11/2020 3:21:26 PM



#4

Vinyl Chloride

Concen: 49.632 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015156.D

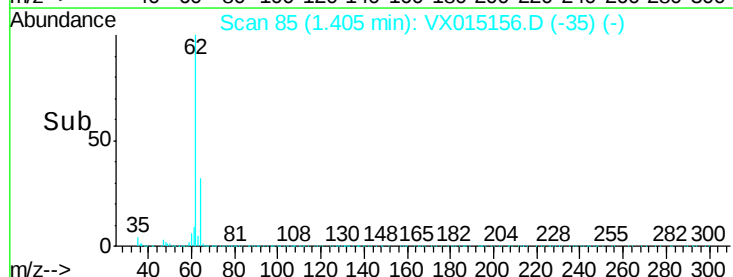
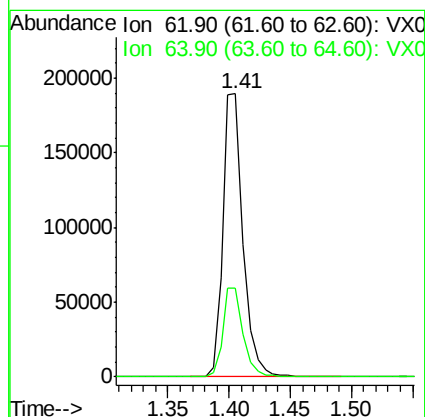
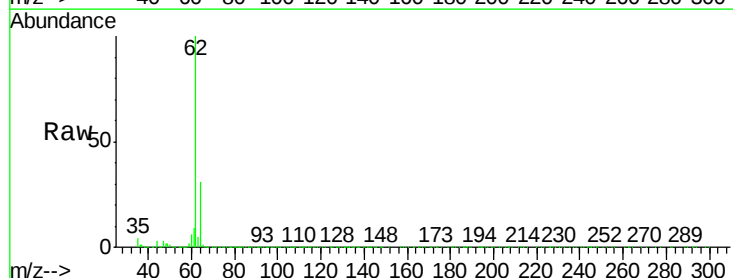
Acq: 10 Mar 2020 09:11

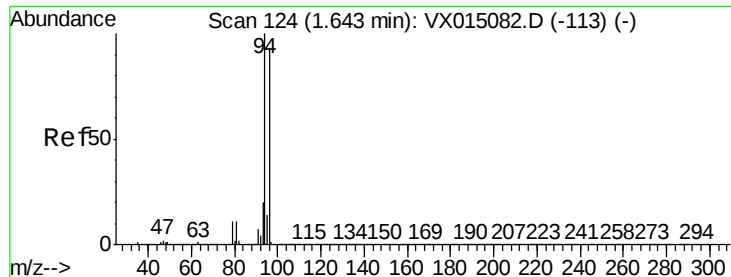
Tgt Ion: 62 Resp: 216383

Ion Ratio Lower Upper

62 100

64 31.4 26.1 39.1





#5

Bromomethane

Concen: 48.303 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 129467

Ion Ratio Lower Upper

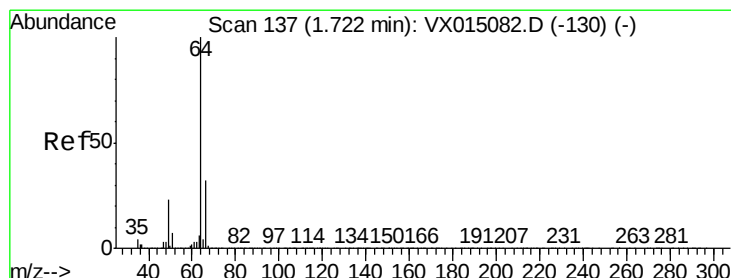
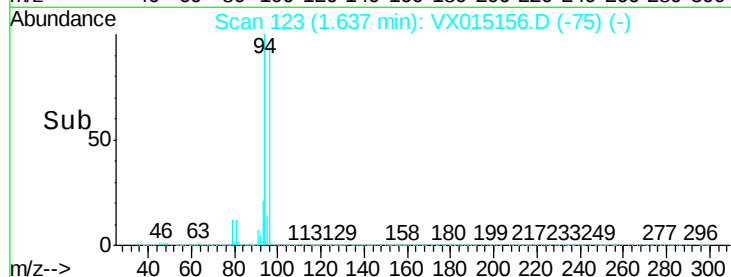
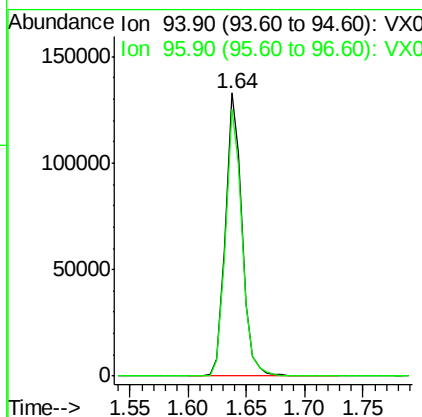
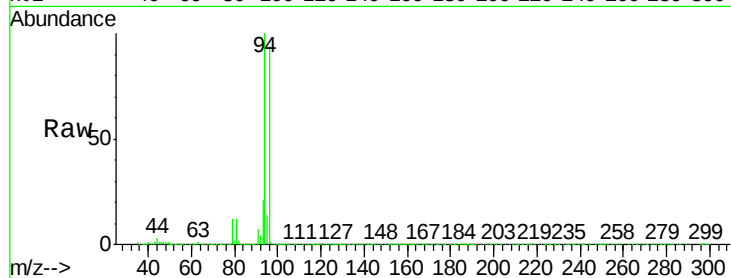
94 100

96 94.2 74.6 111.8

Manual Integrations  
APPROVED

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3/11/2020 3:21:26 PM



#6

Chloroethane

Concen: 51.060 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015156.D

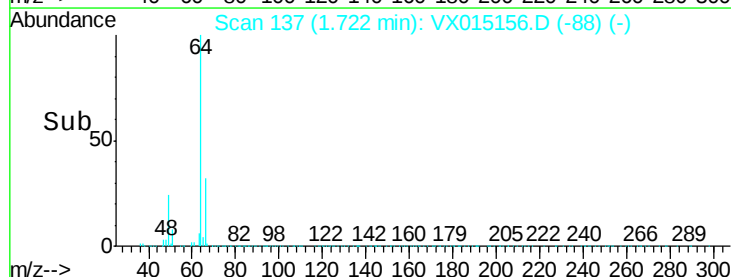
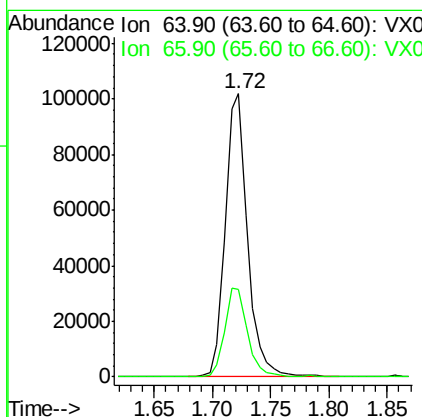
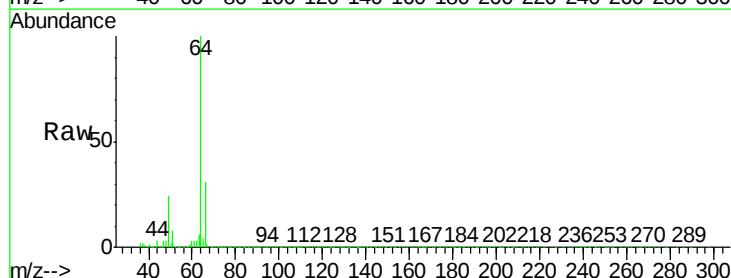
Acq: 10 Mar 2020 09:11

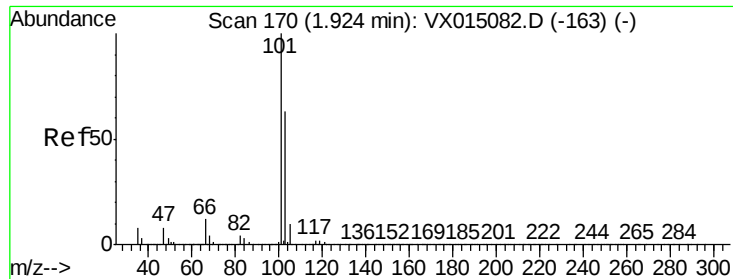
Tgt Ion: 64 Resp: 133536

Ion Ratio Lower Upper

64 100

66 30.8 25.8 38.8





#7

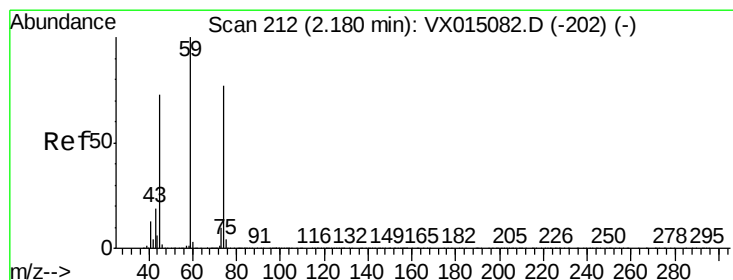
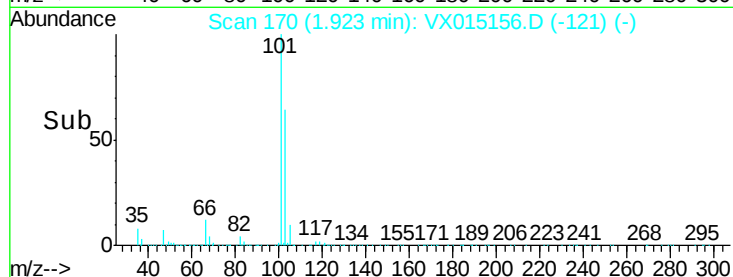
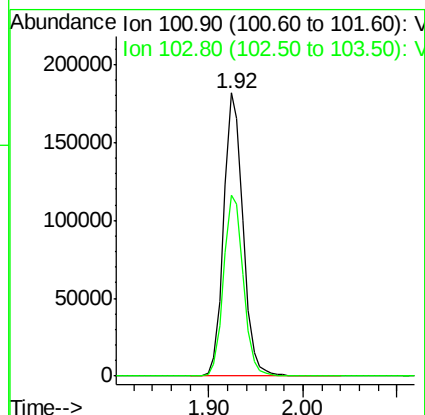
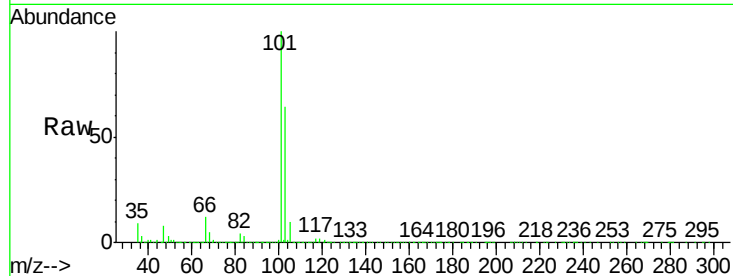
Trichlorofluoromethane  
Concen: 49.524 ug/l  
RT: 1.92 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 256910 |       |       |
| 103     | 63.9 | 50.4  | 75.6   |       |       |

Manual Integrations  
APPROVED

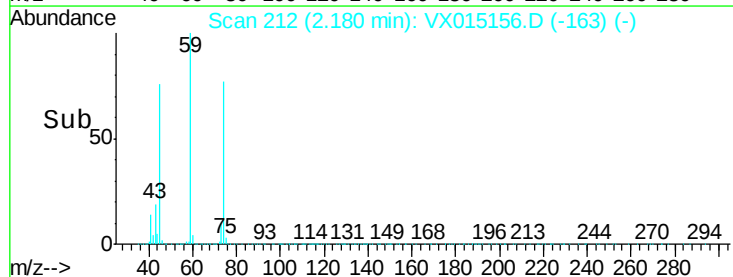
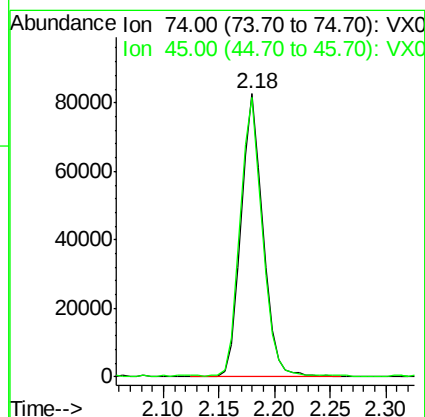
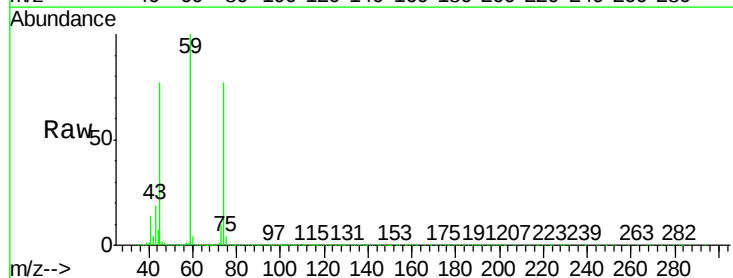
MMDadoda  
3/11/2020 3:21:26 PM

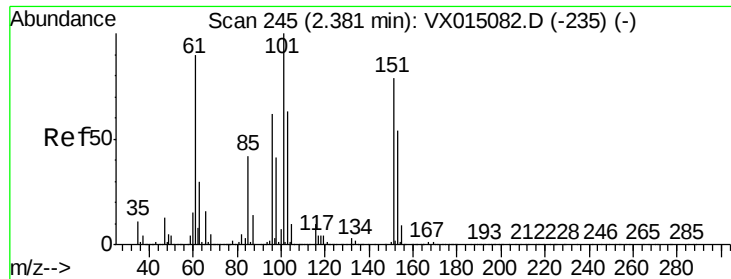


#8

Diethyl Ether  
Concen: 48.273 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 74      | 100  |       | 113425 |       |       |
| 45      | 98.9 | 49.2  | 147.6  |       |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.164 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

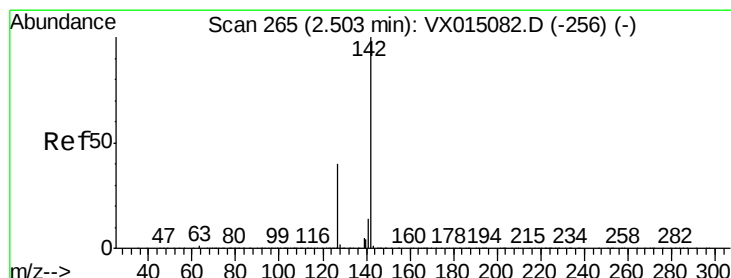
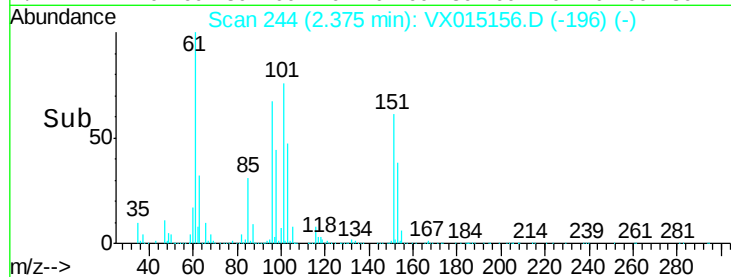
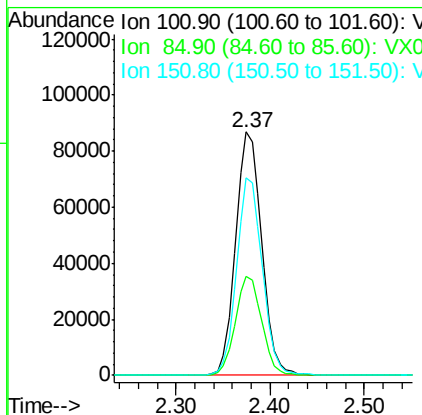
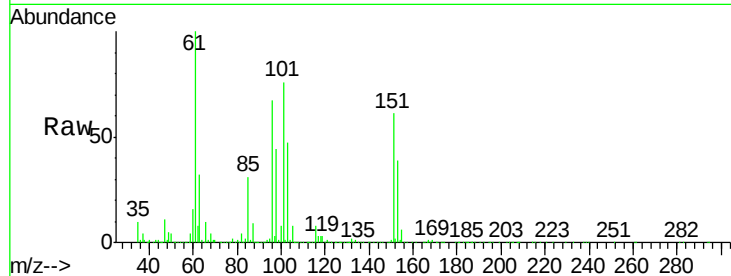
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 166988 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 41.3  | 33.7  | 50.5   |
| 151       | 80.6  | 64.0  | 96.0   |

Manual Integrations  
APPROVED

MMDadoda  
3/11/2020 3:21:26 PM



#10

Methyl Iodide

Concen: 44.013 ug/l

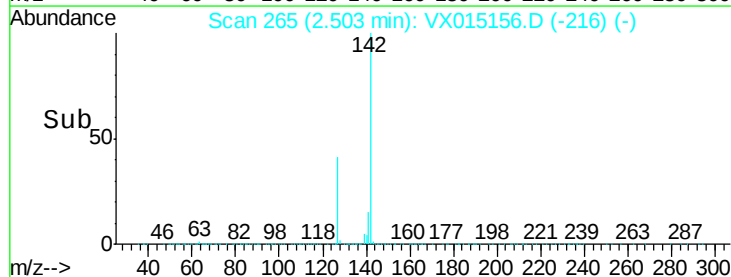
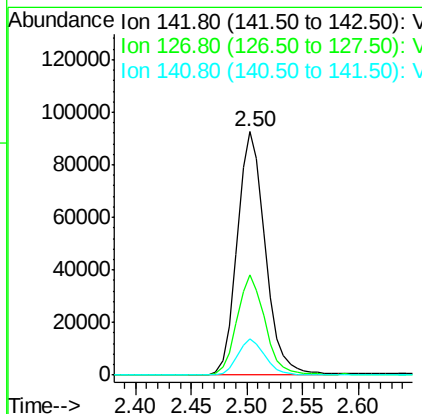
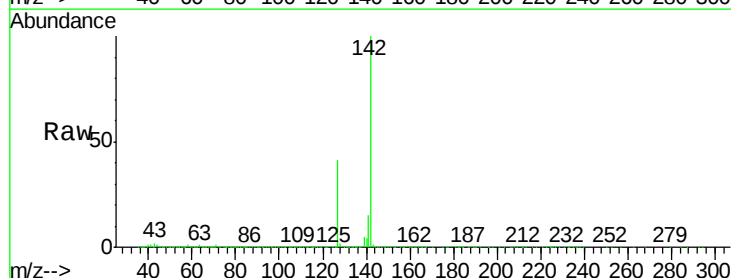
RT: 2.50 min Scan# 265

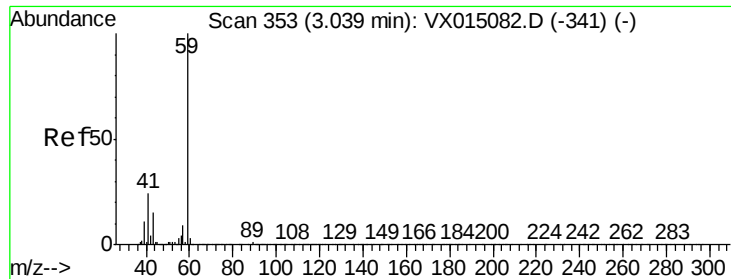
Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 162294 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 40.9  | 31.7  | 47.5   |
| 141       | 14.7  | 11.3  | 16.9   |





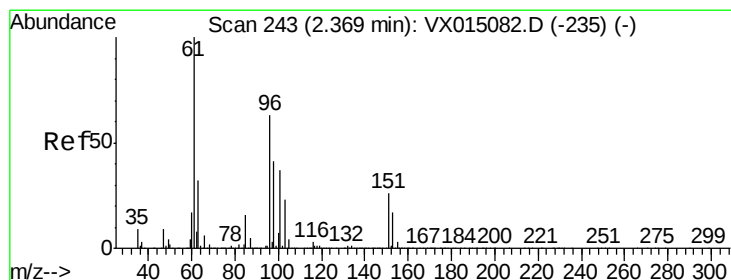
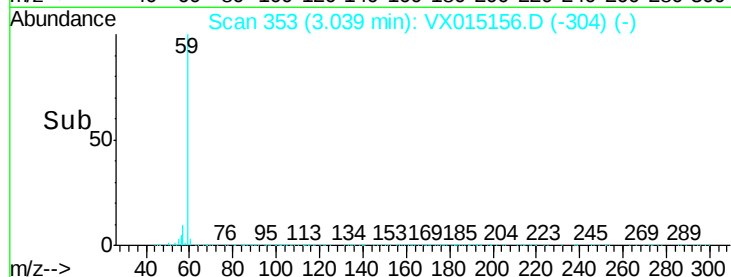
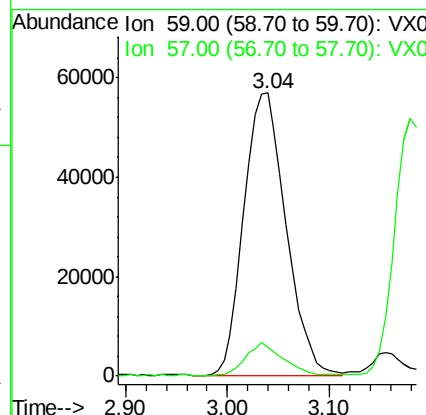
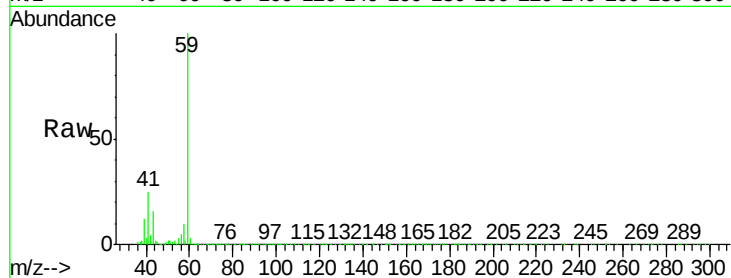
#11  
Tert butyl alcohol  
Concen: 228.448 ug/l  
RT: 3.04 min Scan# 353  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.1  | 8.2   | 12.4  |

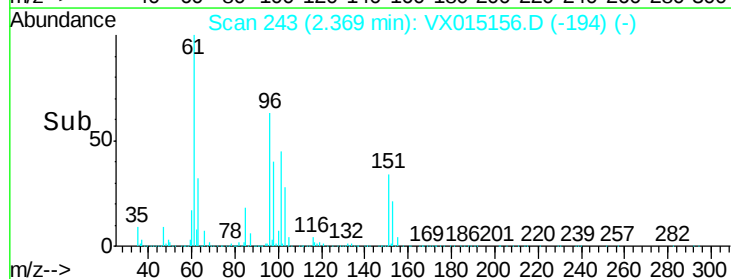
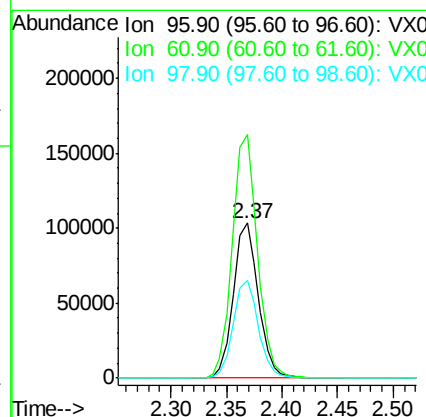
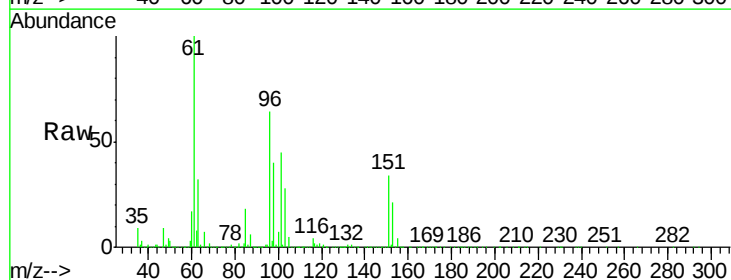
Manual Integrations  
APPROVED

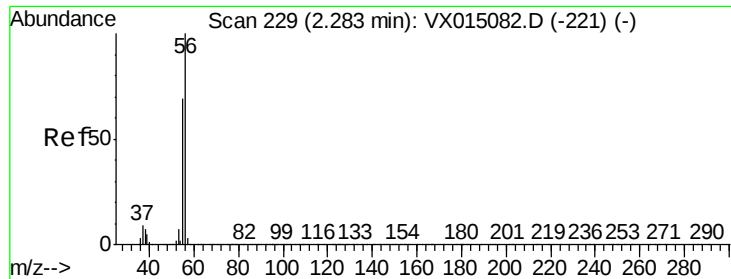
MMDadoda  
3/11/2020 3:21:26 PM



#12  
1,1-Dichloroethene  
Concen: 47.524 ug/l  
RT: 2.37 min Scan# 243  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 157.4 | 126.2 | 189.4 |
| 98      | 62.7  | 51.4  | 77.0  |





#13

Acrolein

Concen: 234.925 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 157516

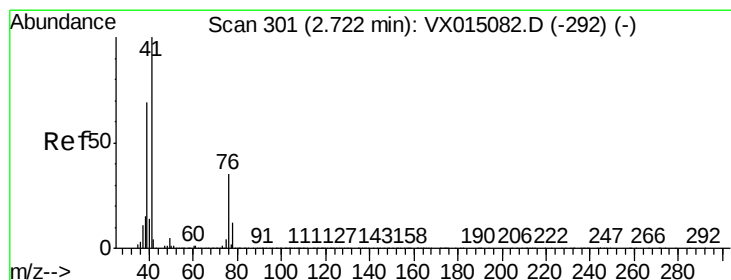
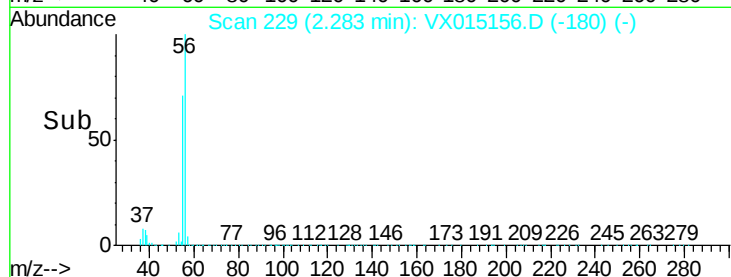
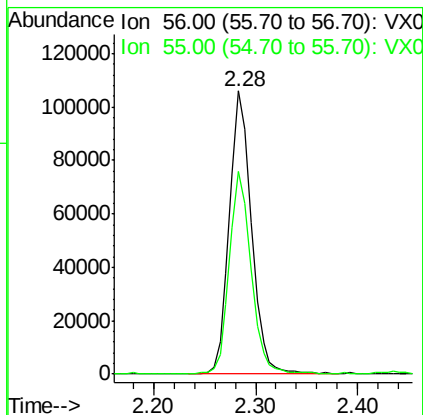
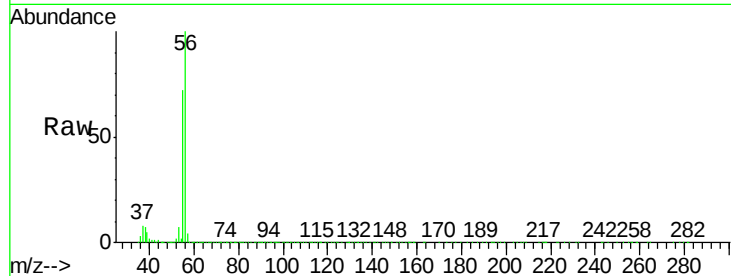
Ion Ratio Lower Upper

56 100

55 70.4 55.4 83.0

Manual Integrations  
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MMDadoda  
3/11/2020 3:21:26 PM



#14

Allyl chloride

Concen: 49.786 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

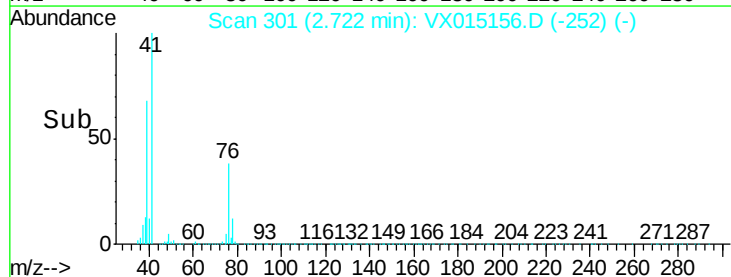
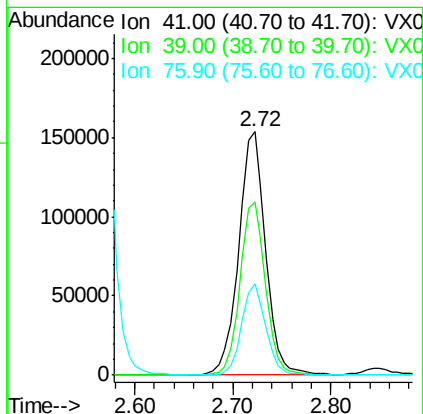
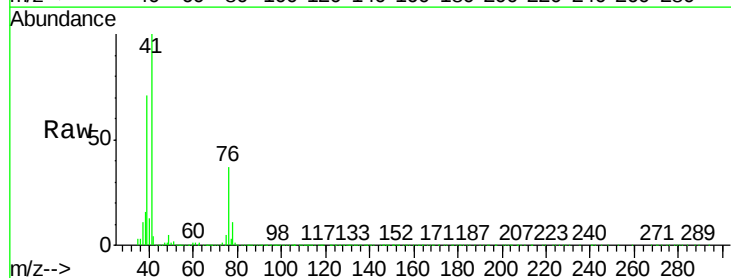
Tgt Ion: 41 Resp: 292408

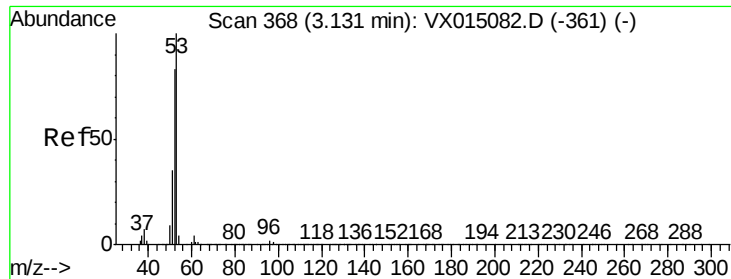
Ion Ratio Lower Upper

41 100

39 67.1 52.9 79.3

76 33.3 26.8 40.2





#15

Acrylonitrile

Concen: 246.236 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

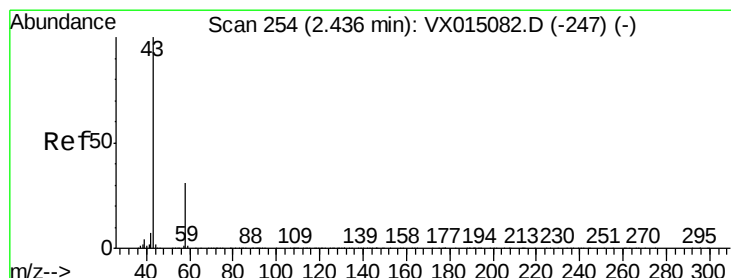
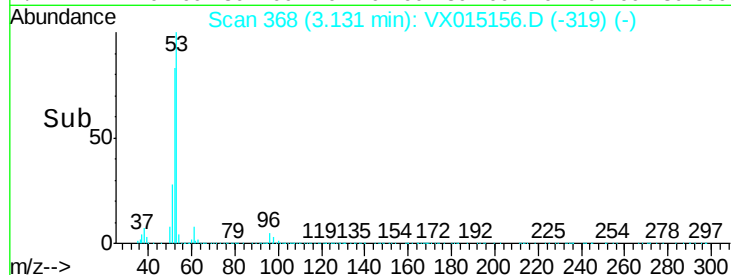
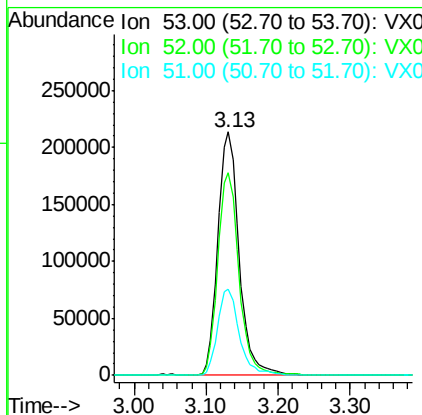
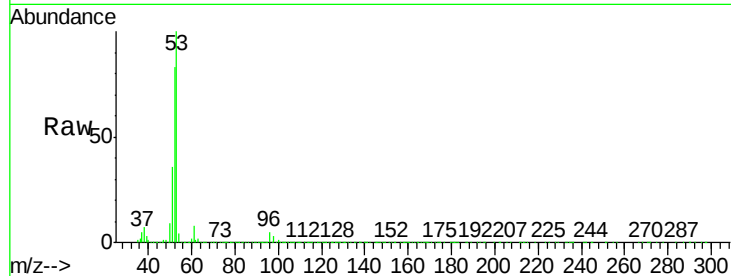
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 437519 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.5  | 66.6  | 100.0  |
| 51        | 36.1  | 29.0  | 43.6   |

Manual Integrations  
APPROVED

MMDadoda  
3/11/2020 3:21:26 PM



#16

Acetone

Concen: 281.048 ug/l

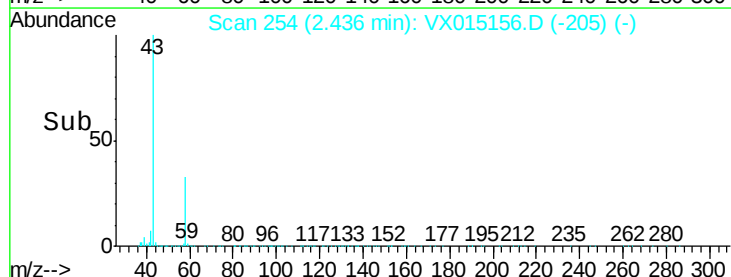
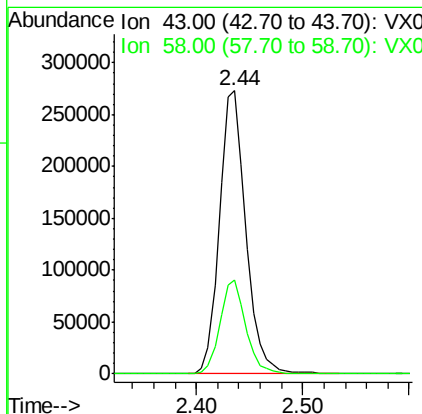
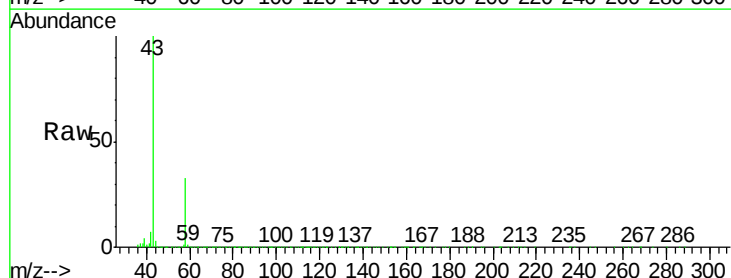
RT: 2.44 min Scan# 254

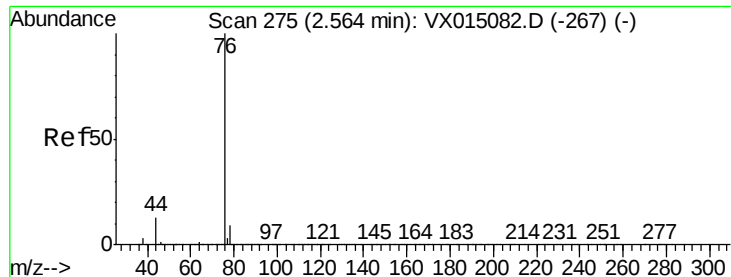
Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 468052 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 33.1  | 24.8  | 37.2   |





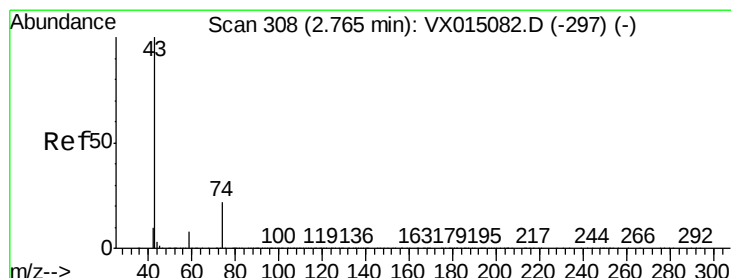
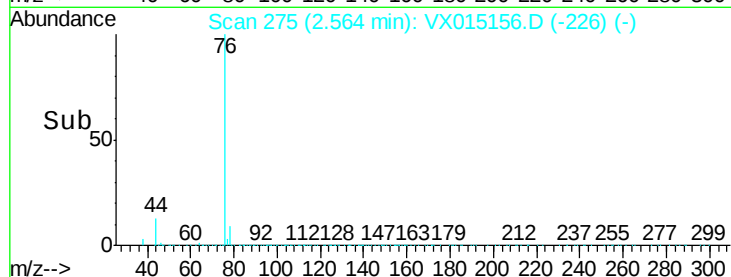
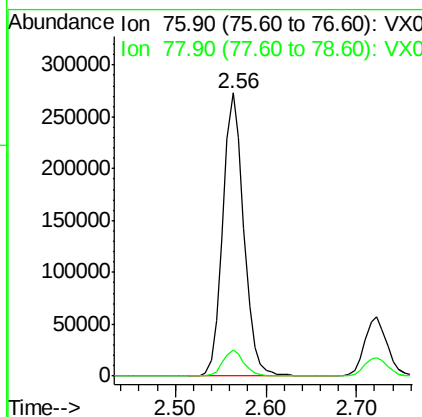
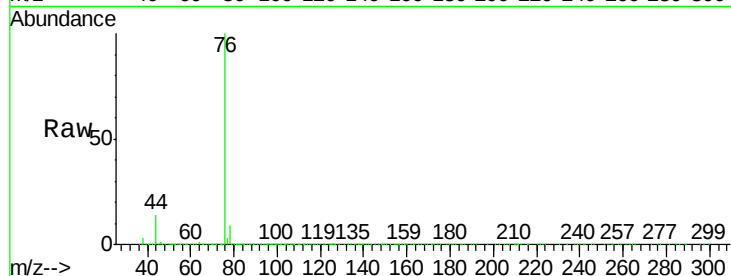
#17  
Carbon Disulfide  
Concen: 46.890 ug/l  
RT: 2.56 min Scan# 275  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.4   | 7.3   | 10.9  |

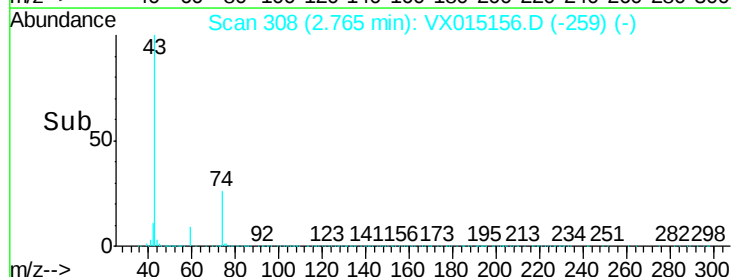
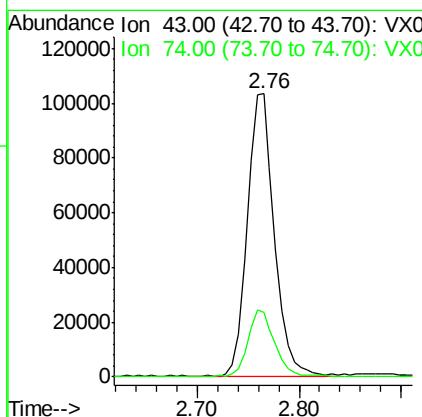
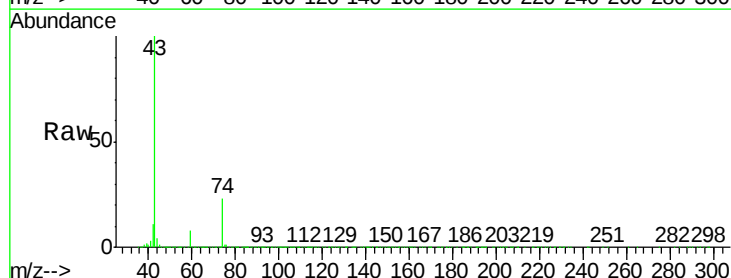
Manual Integrations  
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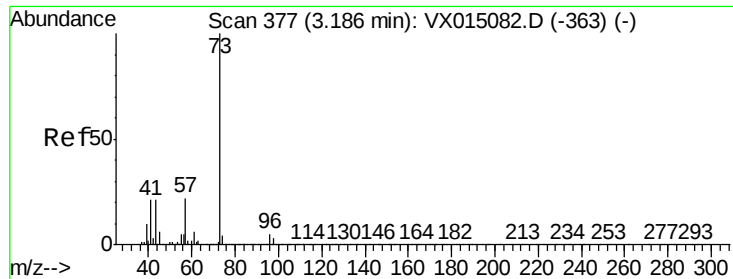
MMDadoda  
3/11/2020 3:21:26 PM



#18  
Methyl Acetate  
Concen: 46.727 ug/l  
RT: 2.76 min Scan# 308  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.4  | 18.8  | 28.2  |





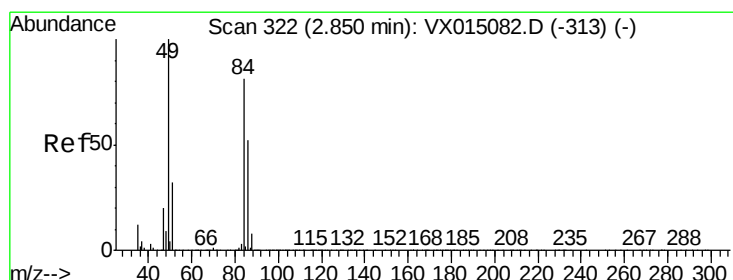
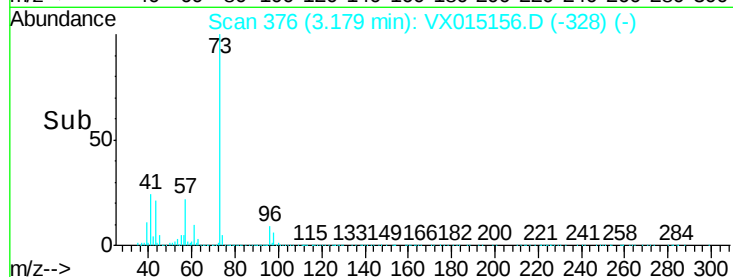
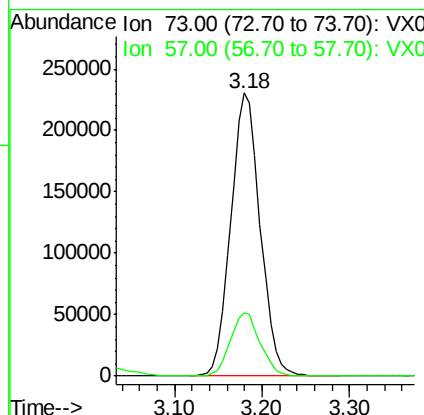
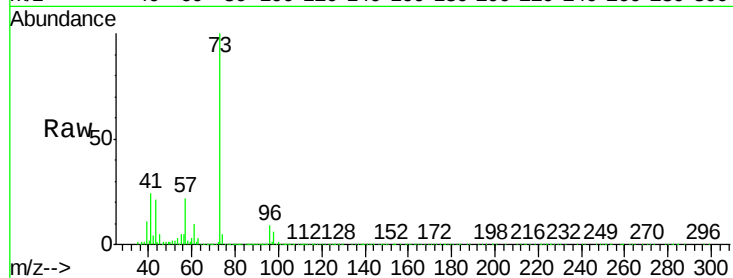
#19  
Methvl tert-butvl Ether  
Concen: 51.052 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.4  | 17.8  | 26.6  |

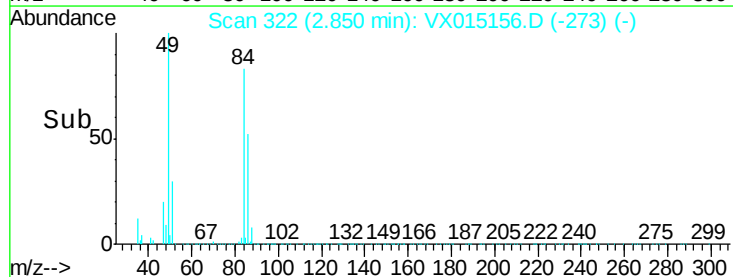
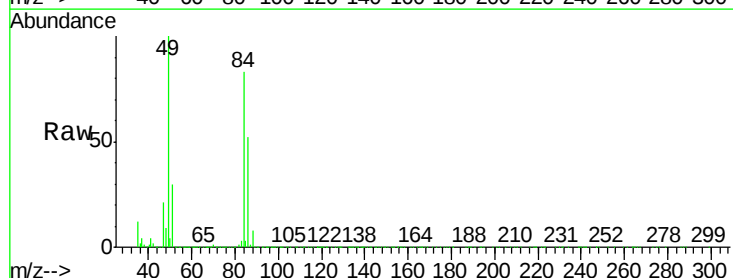
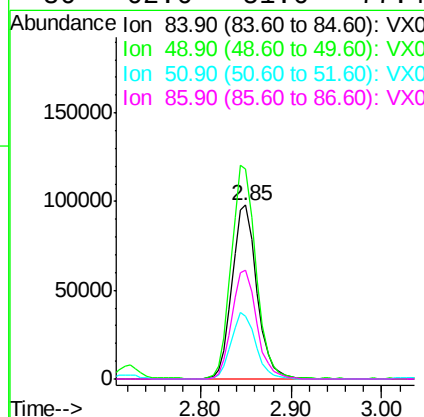
Manual Integrations  
APPROVED

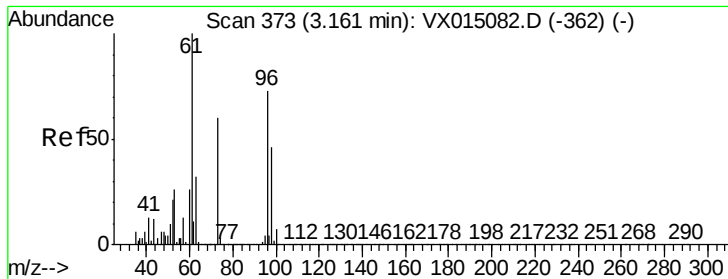
MMDadoda  
3/11/2020 3:21:26 PM



#20  
Methylene Chloride  
Concen: 47.778 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 120.7 | 99.4  | 149.2 |
| 51      | 36.0  | 31.5  | 47.3  |
| 86      | 62.6  | 51.6  | 77.4  |





#21

trans-1,2-Dichloroethene

Concen: 49.949 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

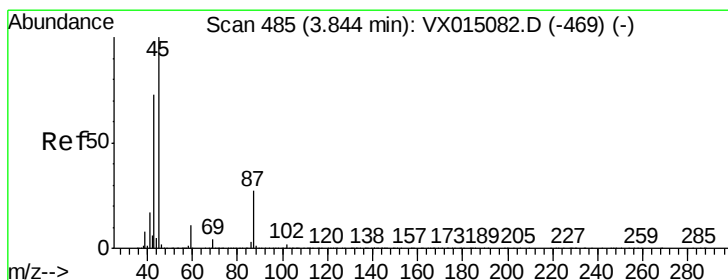
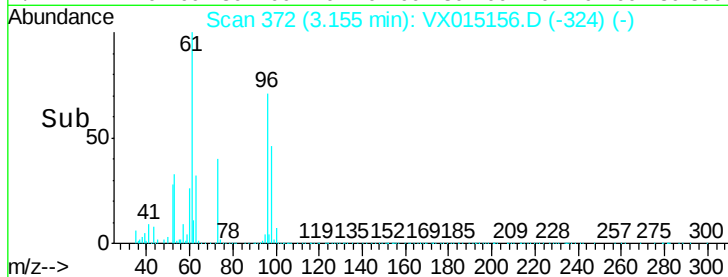
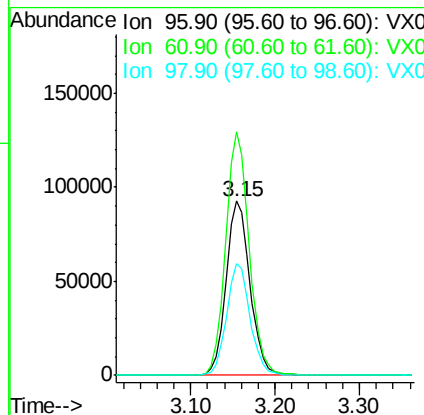
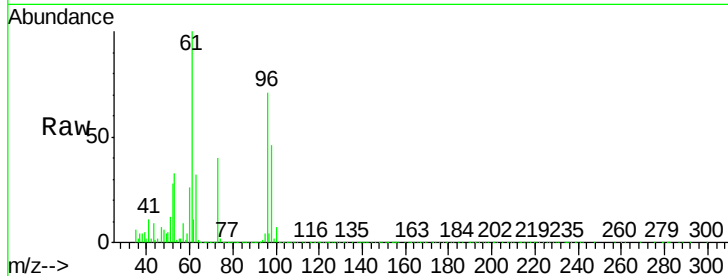
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 179650 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 139.8 | 109.9 | 164.9  |
| 98       | 64.6  | 50.2  | 75.2   |

Manual Integrations  
APPROVED

MMDadoda  
3/11/2020 3:21:26 PM



#22

Diisopropyl ether

Concen: 52.064 ug/l

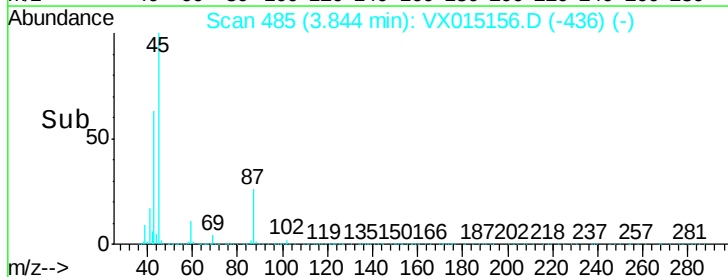
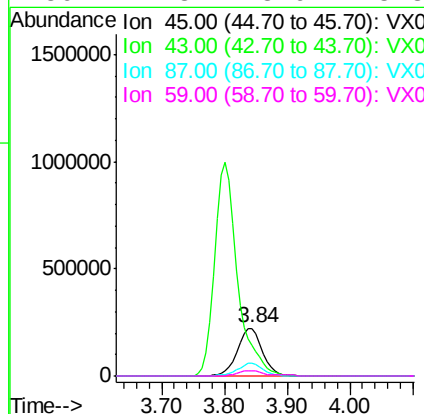
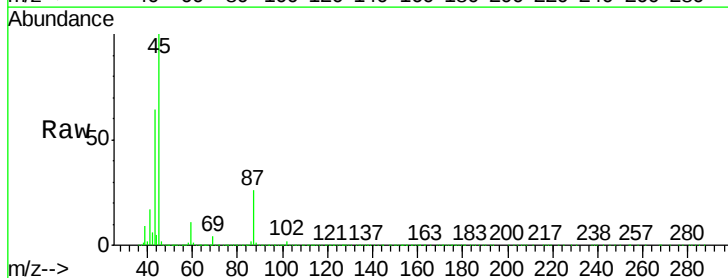
RT: 3.84 min Scan# 485

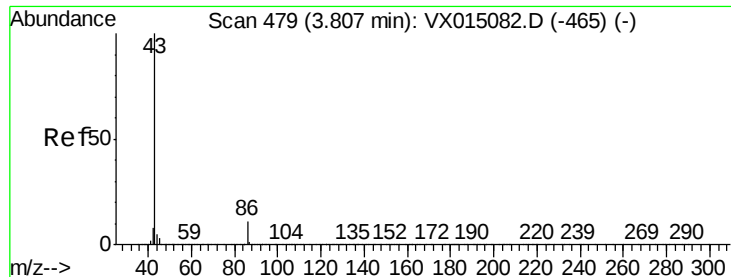
Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 609223 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 63.4  | 58.2  | 87.2   |
| 87       | 26.0  | 21.2  | 31.8   |
| 59       | 11.3  | 8.9   | 13.3   |





#23

Vinyl Acetate

Concen: 263.247 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2532125

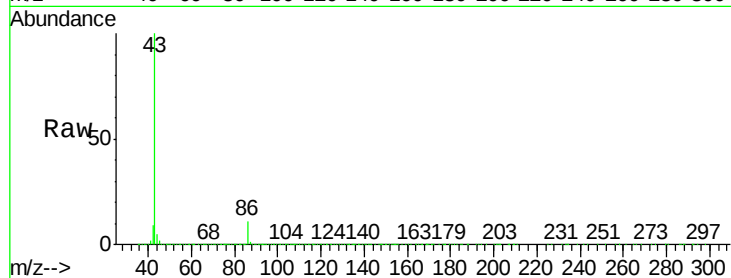
Ion Ratio Lower Upper

43 100

86 10.5 8.6 12.8

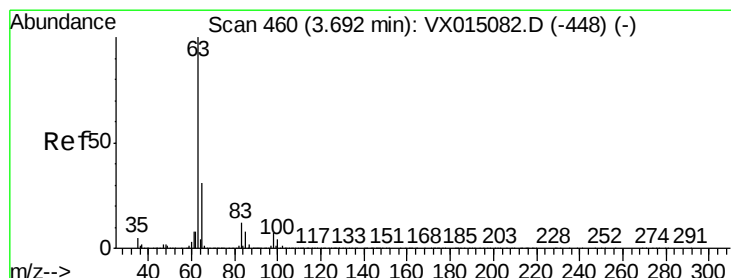
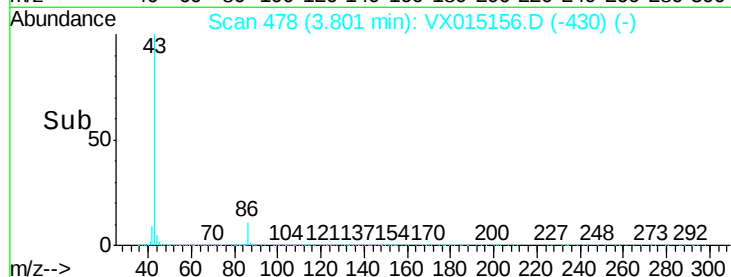
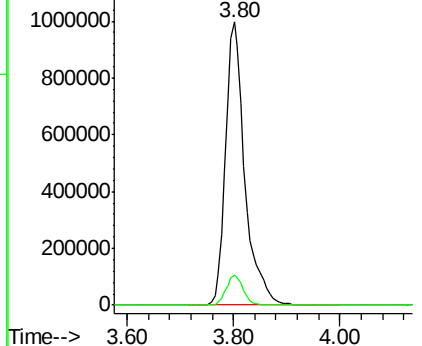
Manual Integrations  
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MMDadoda  
3/11/2020 3:21:26 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.998 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

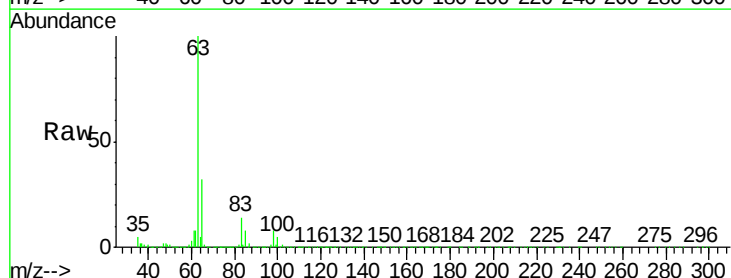
Tgt Ion: 63 Resp: 324712

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

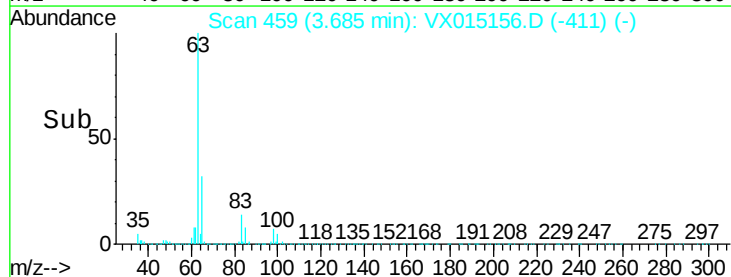
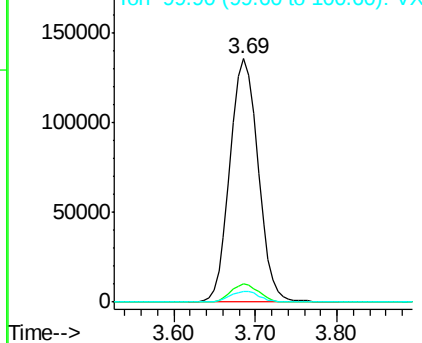
100 4.5 2.1 6.5

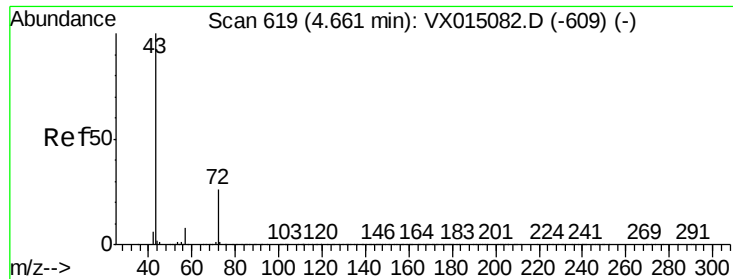


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 263.533 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 642523

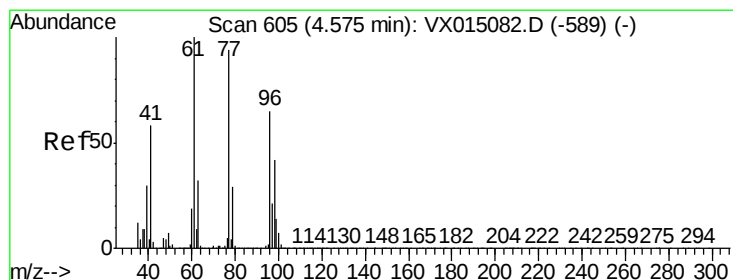
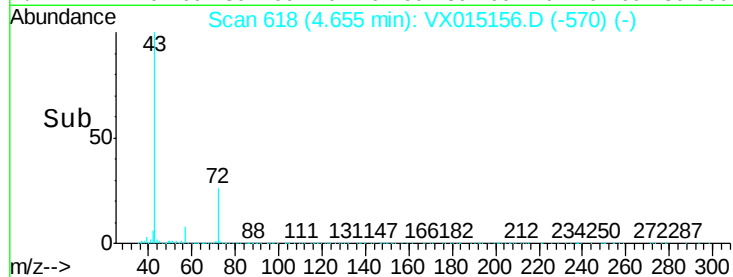
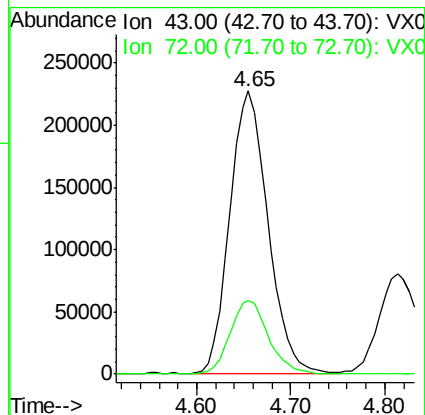
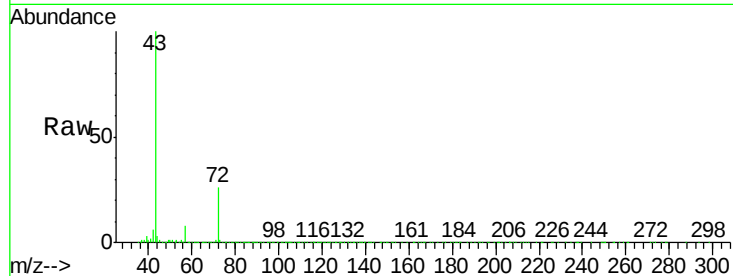
Ion Ratio Lower Upper

43 100

72 25.8 20.6 30.8

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#26

2,2-Dichloropropane

Concen: 51.695 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015156.D

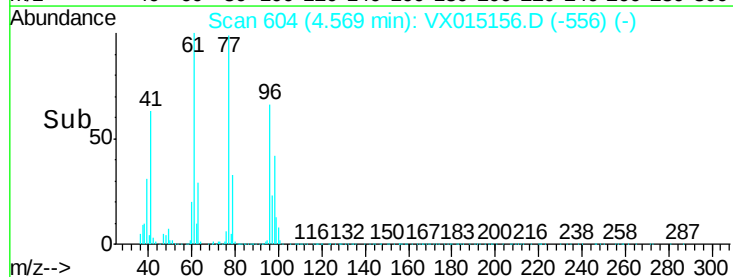
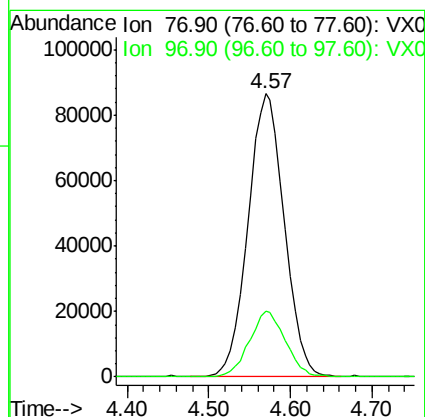
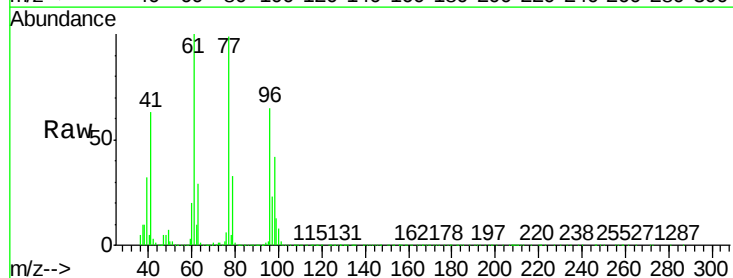
Acq: 10 Mar 2020 09:11

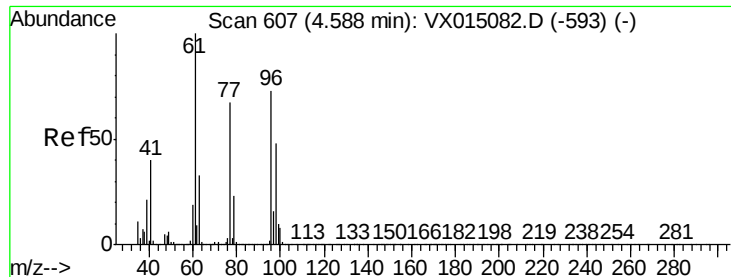
Tgt Ion: 77 Resp: 266520

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.4





#27

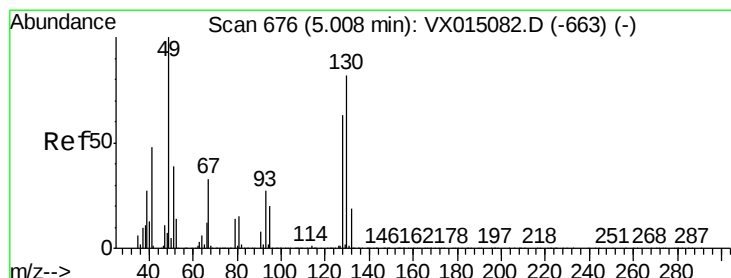
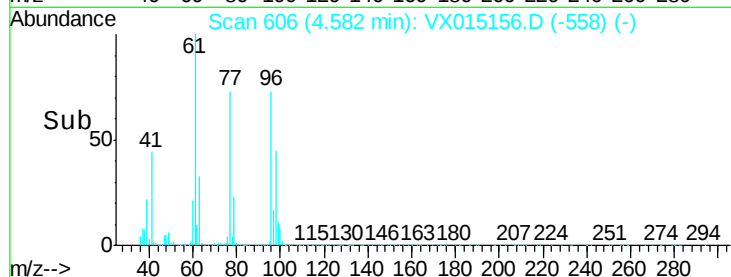
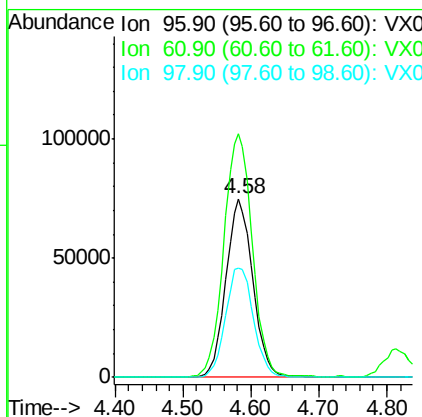
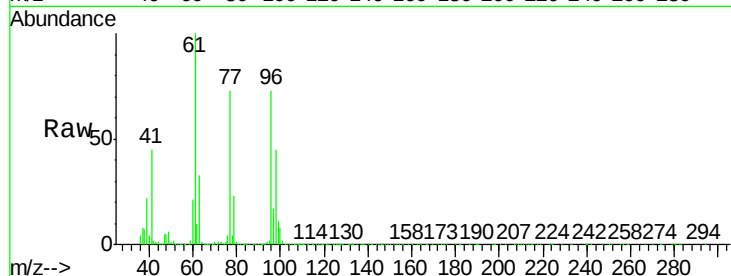
cis-1,2-Dichloroethene  
Concen: 50.880 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 205302 |       |       |
| 61      | 142.2 | 0.0    | 286.8 |       |
| 98      | 63.6  | 0.0    | 128.4 |       |

Manual Integrations  
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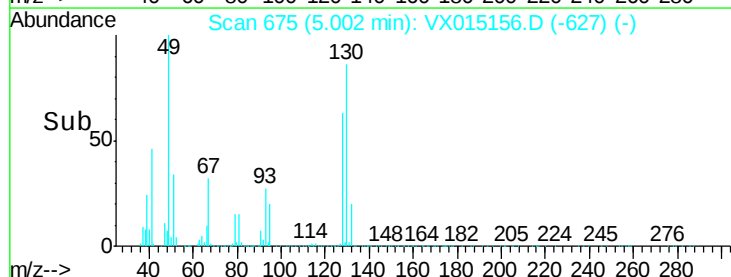
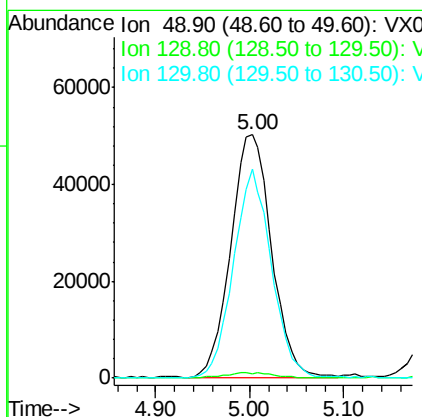
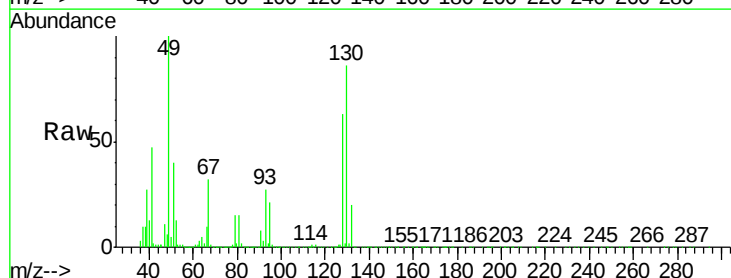
MMDadoda  
3/11/2020 3:21:26 PM

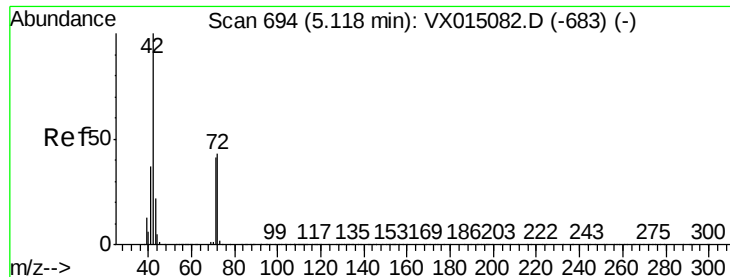


#28

Bromochloromethane  
Concen: 50.992 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 150800 |       |       |
| 129     | 2.5   | 0.0    | 4.4   |       |
| 130     | 80.2  | 65.0   | 97.6  |       |





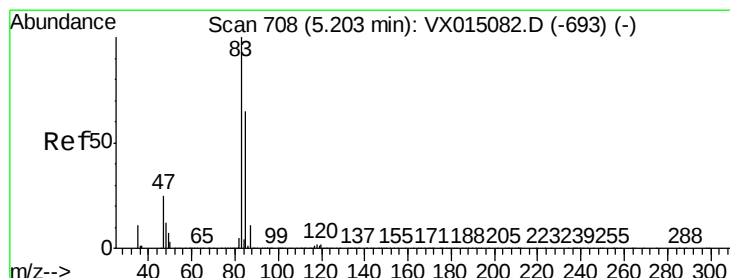
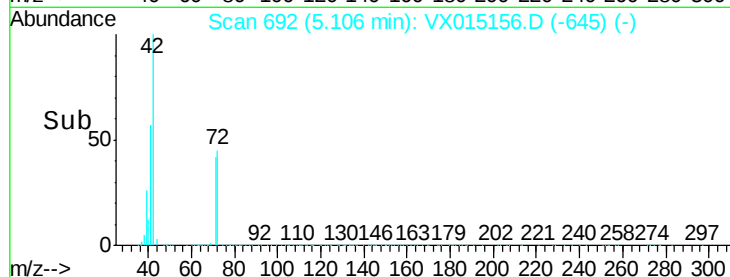
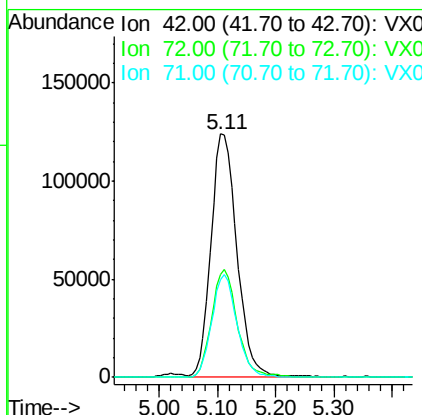
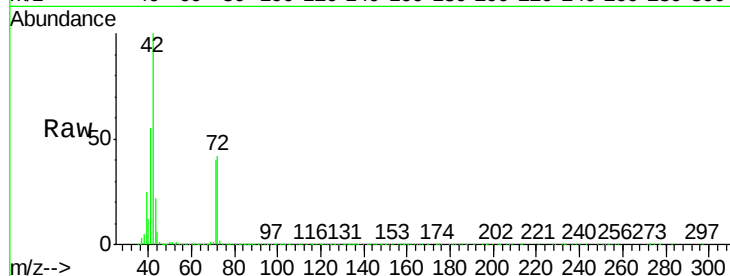
#29  
Tetrahydrofuran  
Concen: 241.916 ug/l  
RT: 5.11 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.9  | 36.4  | 54.6  |
| 71      | 41.2  | 33.3  | 49.9  |

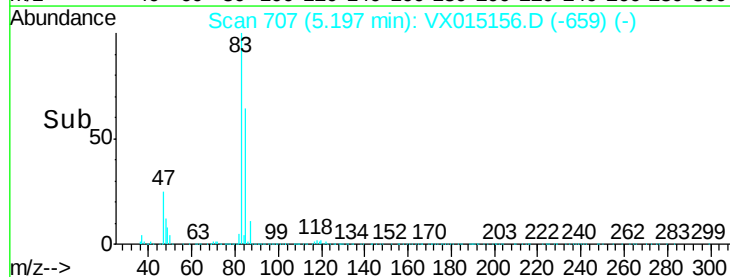
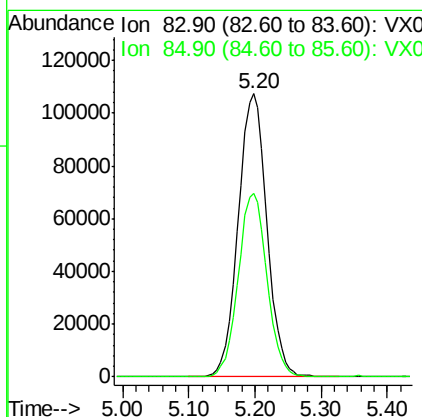
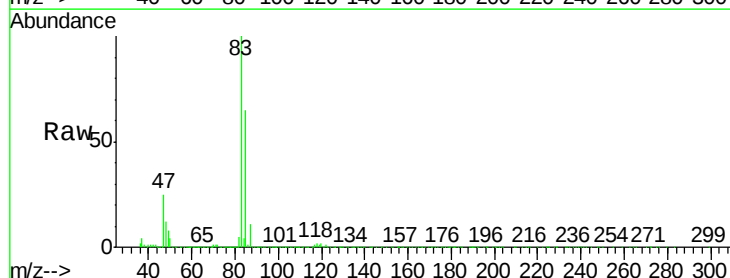
Manual Integrations  
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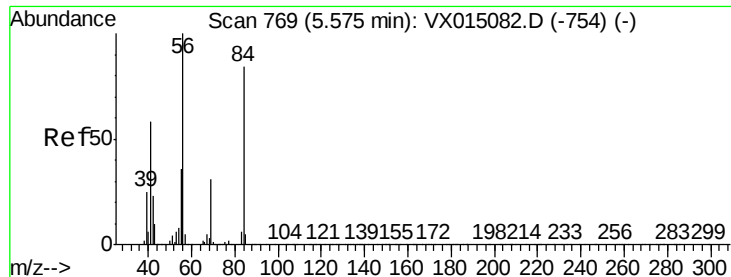
MMDadoda  
3/11/2020 3:21:26 PM



#30  
Chloroform  
Concen: 50.882 ug/l  
RT: 5.20 min Scan# 707  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.8  | 52.0  | 78.0  |





#31

Cyclohexane

Concen: 50.296 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

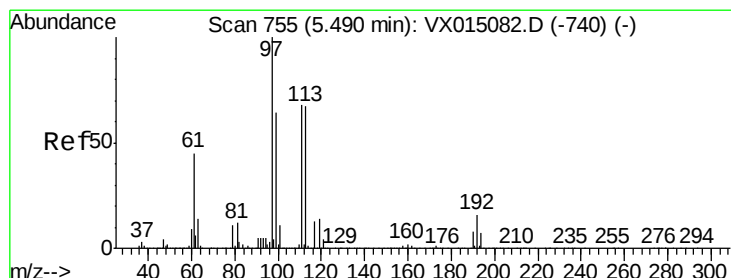
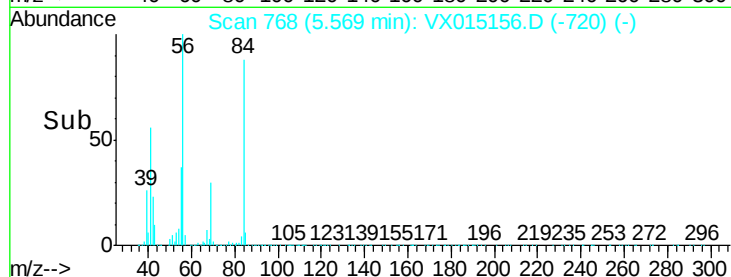
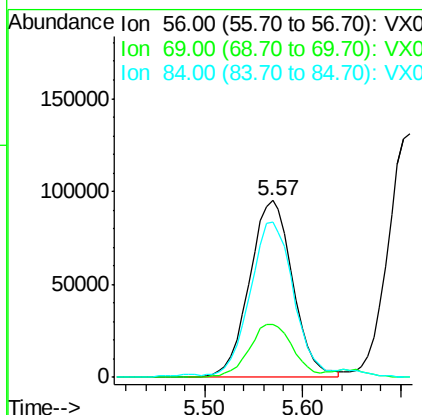
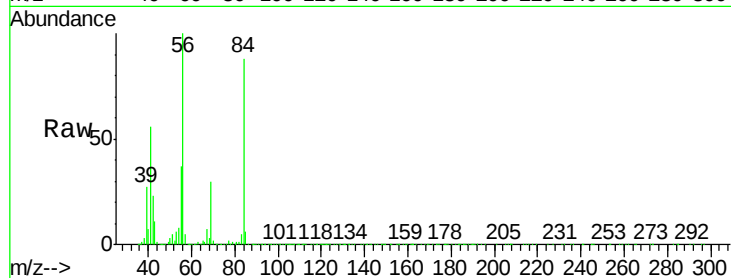
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 291354 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 29.6  | 25.0  | 37.6   |
| 84       | 86.7  | 67.6  | 101.4  |

Manual Integrations  
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#32

1,1,1-Trichloroethane

Concen: 52.037 ug/l

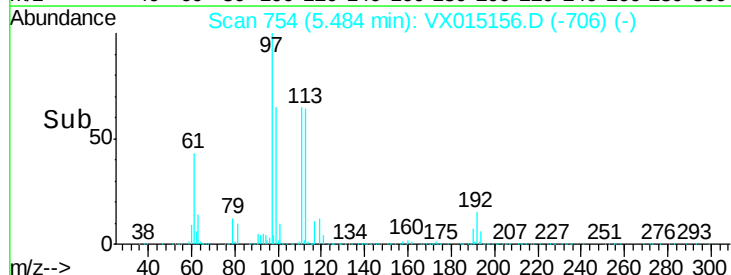
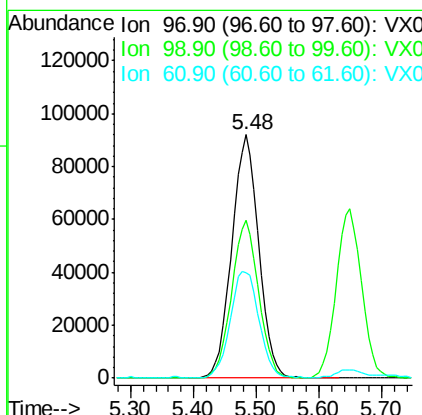
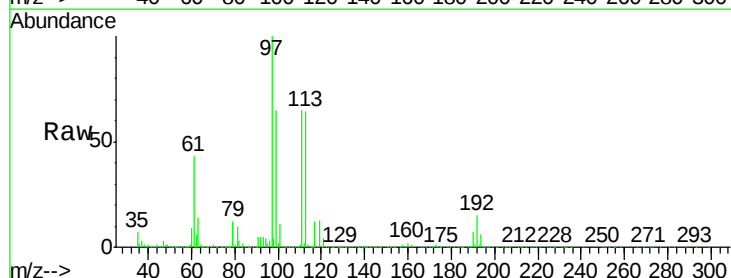
RT: 5.48 min Scan# 754

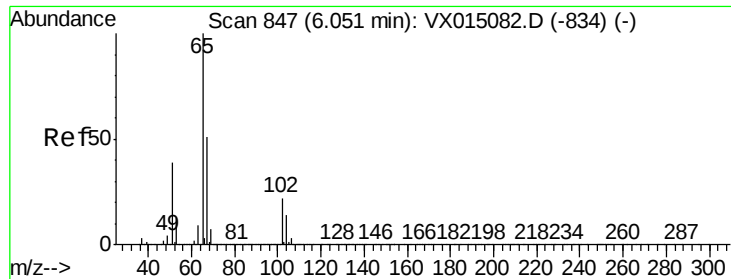
Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 273048 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.9  | 52.8  | 79.2   |
| 61       | 46.9  | 36.6  | 54.8   |





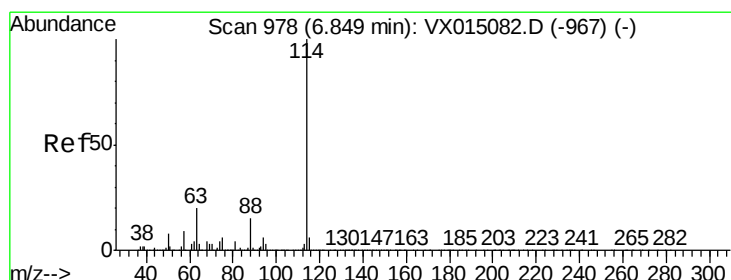
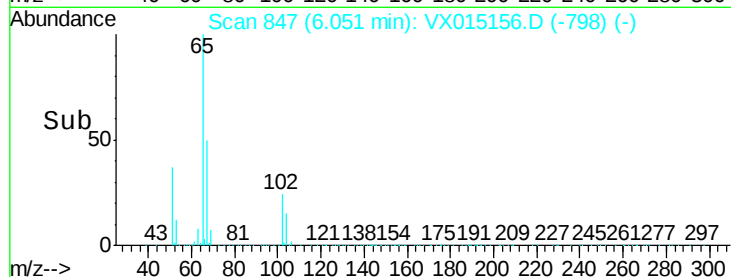
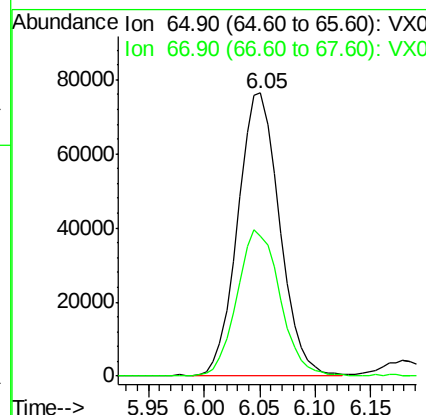
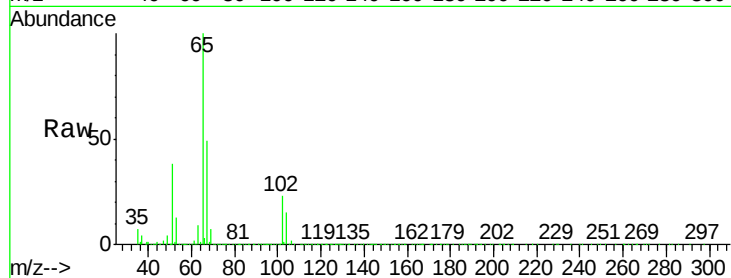
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.381 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: VX015156.D  
 Acq: 10 Mar 2020 09:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 198953 |       |       |
| 67      | 52.8  | 0.0    | 105.6 |       |

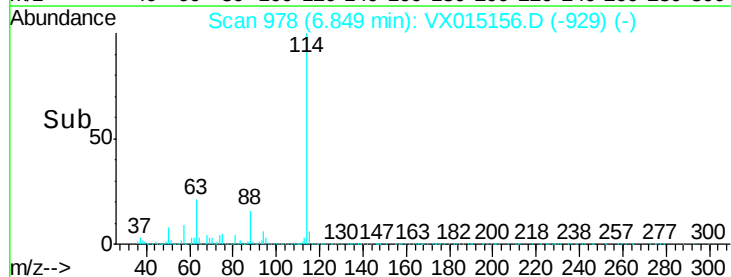
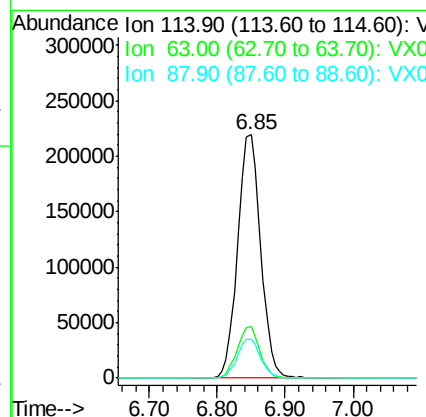
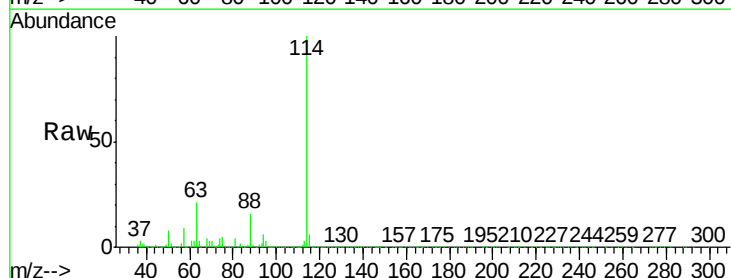
Manual Integrations  
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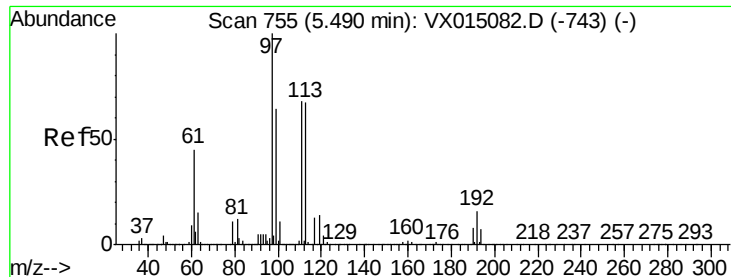
MMDadoda  
 3/11/2020 3:21:26 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: VX015156.D  
 Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 515143 |       |       |
| 63      | 20.9  | 0.0    | 40.0  |       |
| 88      | 15.7  | 0.0    | 30.6  |       |





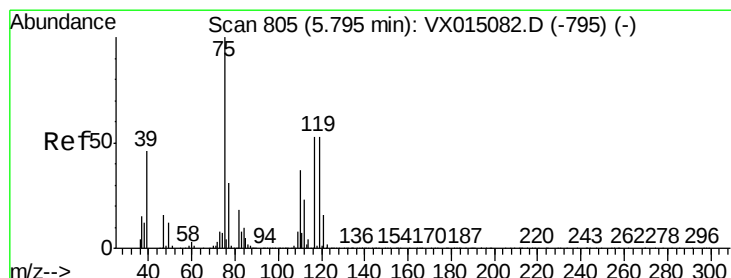
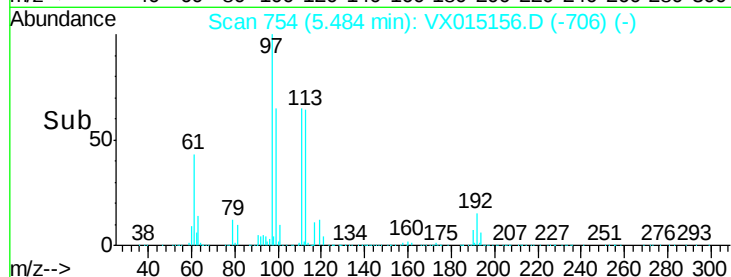
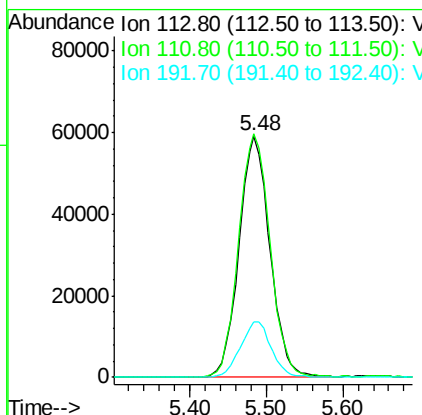
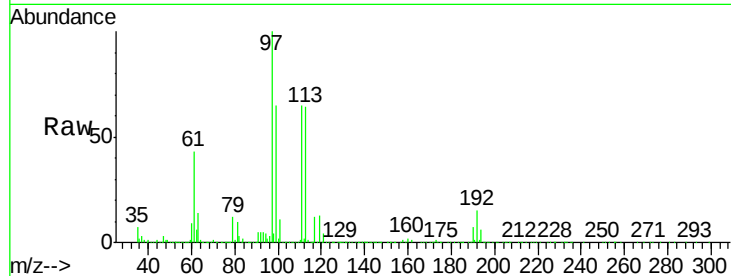
#35  
 Dibromofluoromethane  
 Concen: 50.668 ug/l  
 RT: 5.48 min Scan# 754  
 Delta R.T. -0.01 min  
 Lab File: VX015156.D  
 Acq: 10 Mar 2020 09:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 164665 |       |       |
| 111     | 103.3 | 82.6   | 123.8 |       |
| 192     | 23.3  | 18.6   | 28.0  |       |

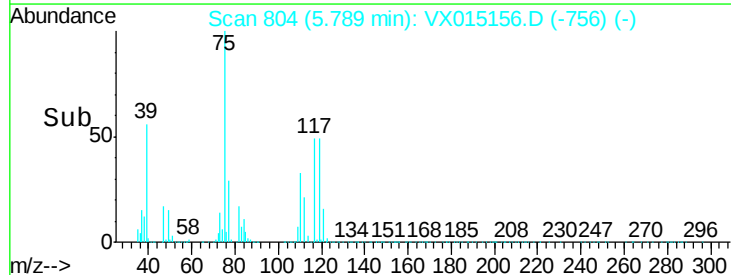
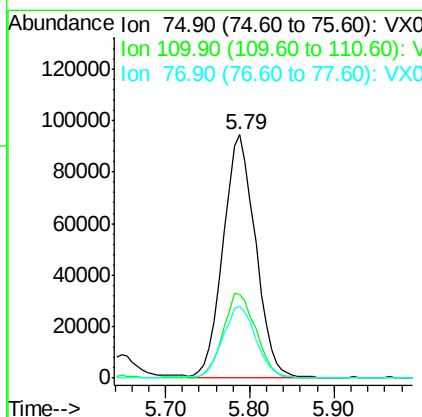
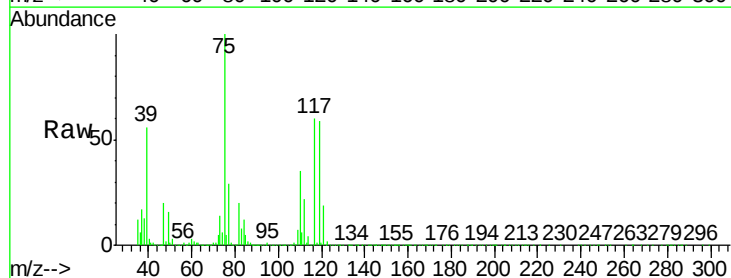
Manual Integrations  
 APPROVED

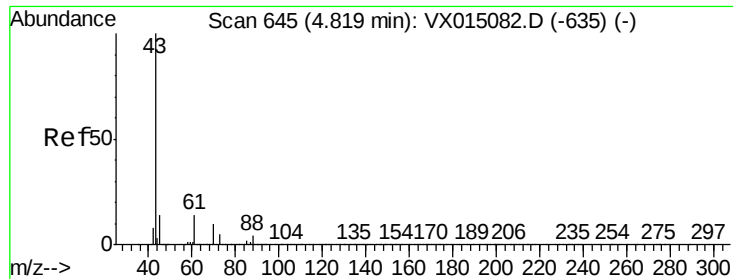
MMDadoda  
 3/11/2020 3:21:26 PM



#36  
 1,1-Dichloropropene  
 Concen: 51.686 ug/l  
 RT: 5.79 min Scan# 804  
 Delta R.T. -0.01 min  
 Lab File: VX015156.D  
 Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 246141 |       |       |
| 110     | 35.8  | 17.9   | 53.8  |       |
| 77      | 30.3  | 24.8   | 37.2  |       |





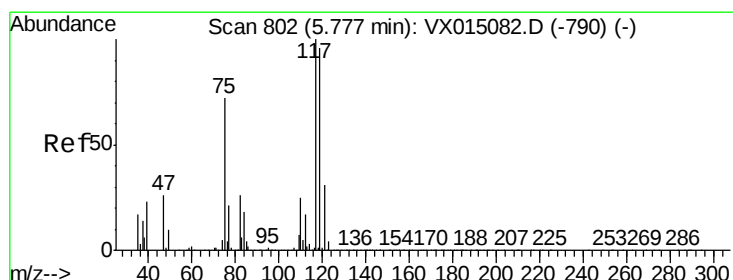
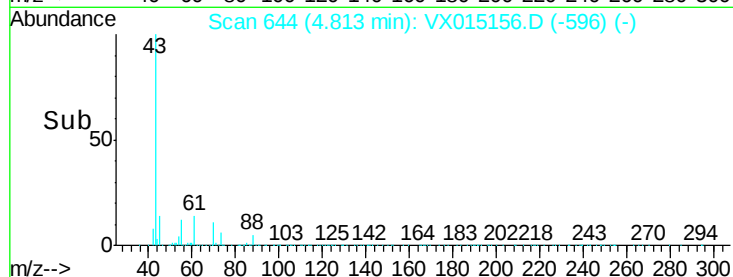
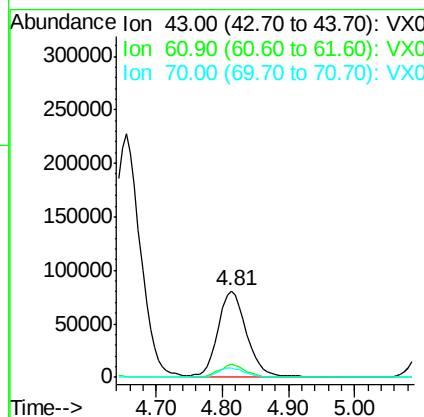
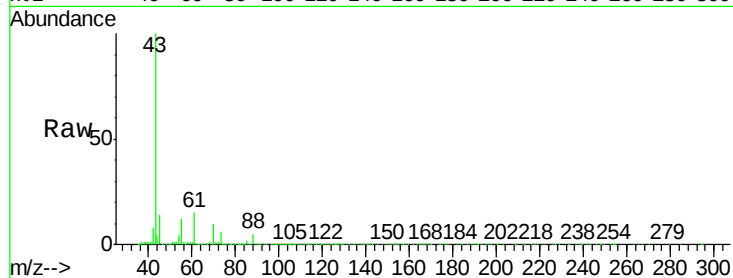
#37  
Ethyl Acetate  
Concen: 54.184 ug/l  
RT: 4.81 min Scan# 644  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 239359 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 13.7  | 11.0  | 16.4   |
| 70       | 10.1  | 8.1   | 12.1   |

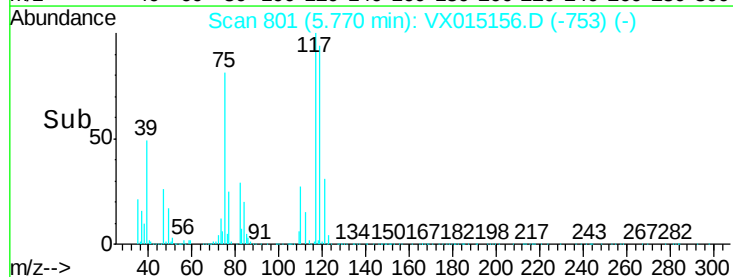
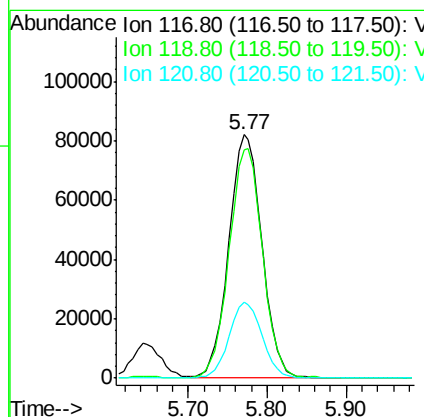
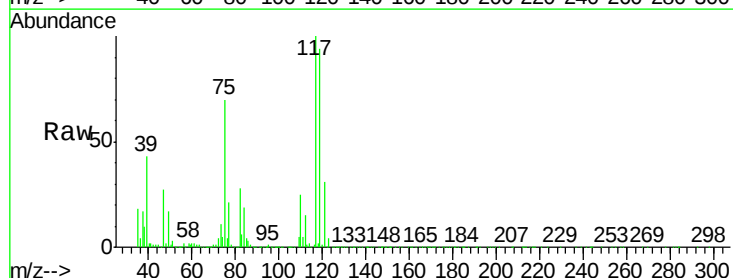
Manual Integrations  
APPROVED

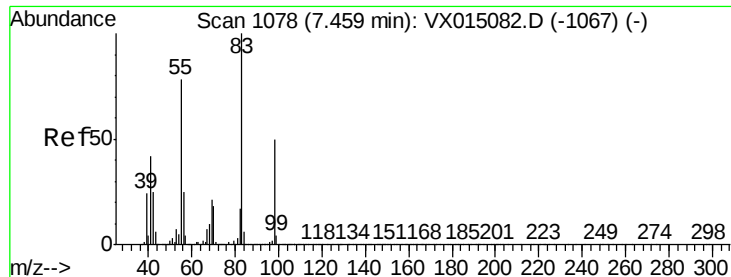
MMDadoda  
3/11/2020 3:21:26 PM



#38  
Carbon Tetrachloride  
Concen: 53.278 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 239497 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.8  | 76.9  | 115.3  |
| 121      | 31.3  | 24.6  | 37.0   |





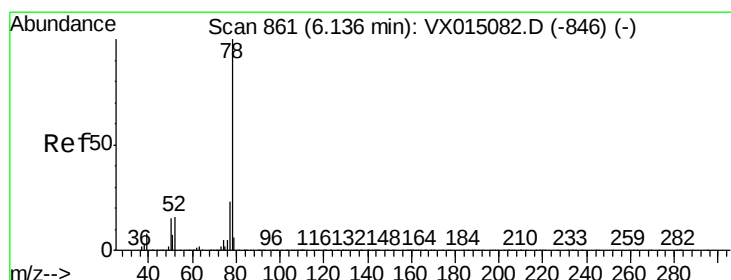
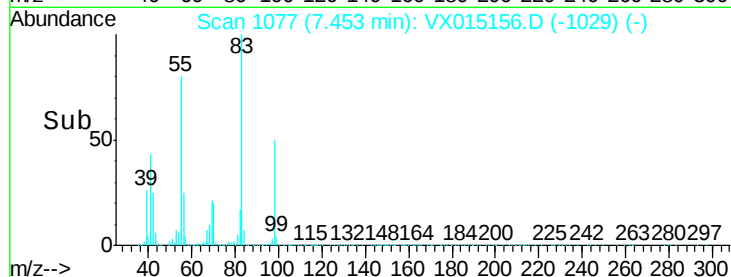
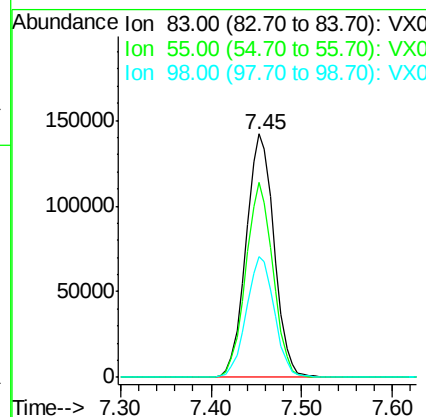
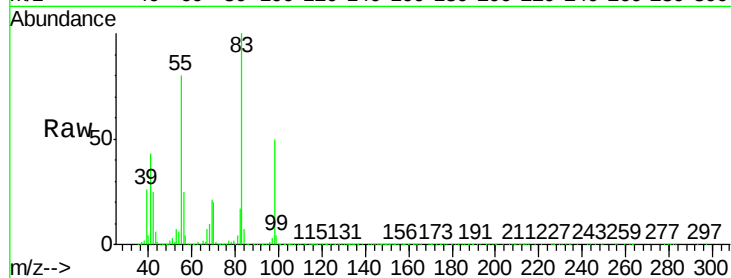
#39  
Methylvlcvclohexane  
Concen: 54.599 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 303615 |       |       |
| 55      | 79.9  | 62.4   | 93.6  |       |
| 98      | 49.6  | 39.7   | 59.5  |       |

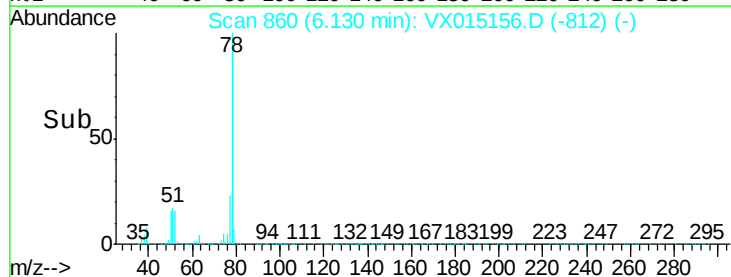
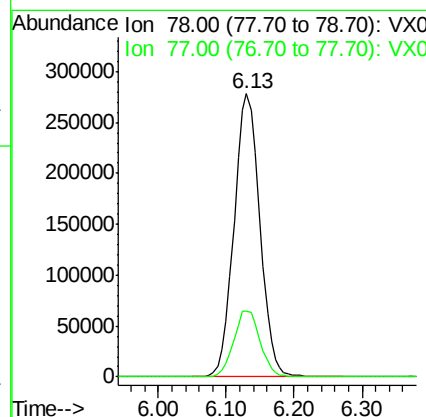
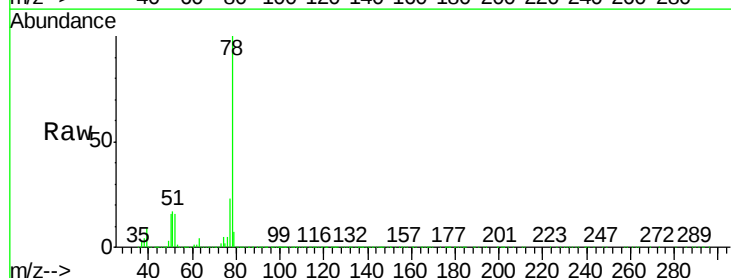
Manual Integrations  
APPROVED

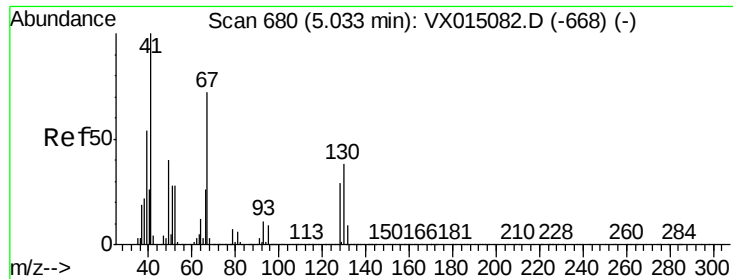
MMDadoda  
3/11/2020 3:21:26 PM



#40  
Benzene  
Concen: 51.834 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 732369 |       |       |
| 77      | 23.1  | 18.6   | 28.0  |       |





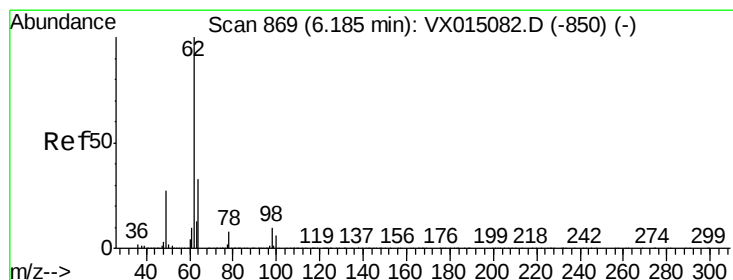
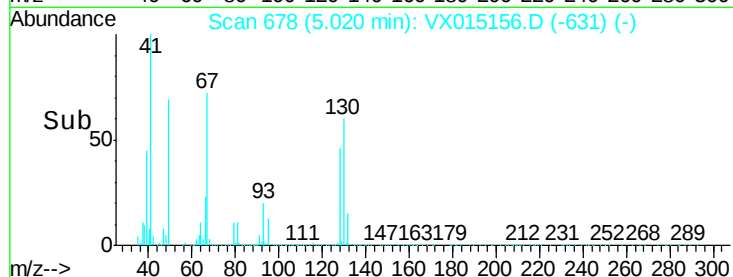
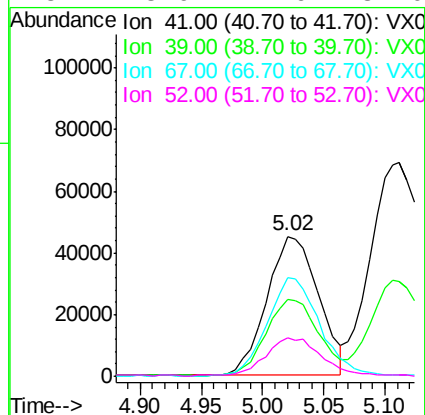
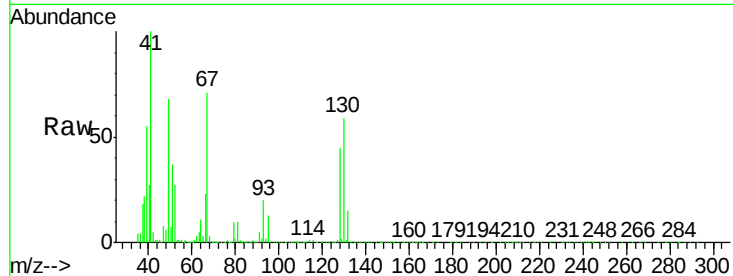
#41  
Methacrylonitrile  
Concen: 49.884 ug/l  
RT: 5.02 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 56.7 | 43.9  | 65.9  |       |
| 67      | 71.4 | 57.8  | 86.8  |       |
| 52      | 28.9 | 22.6  | 34.0  |       |

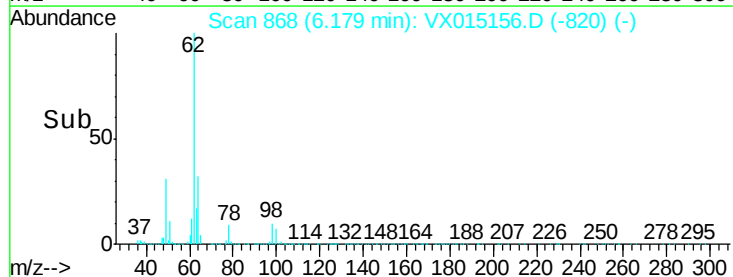
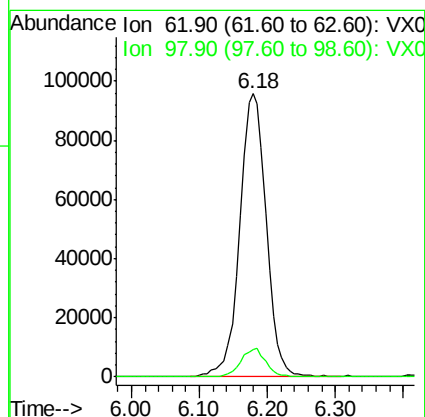
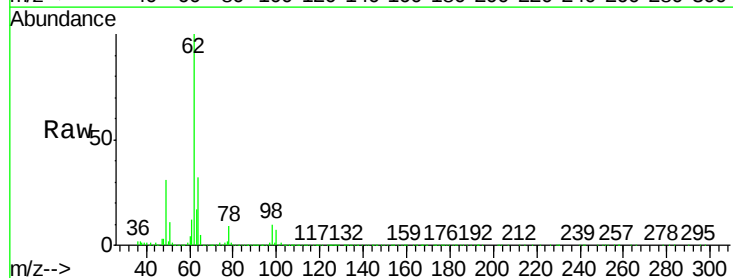
Manual Integrations  
APPROVED

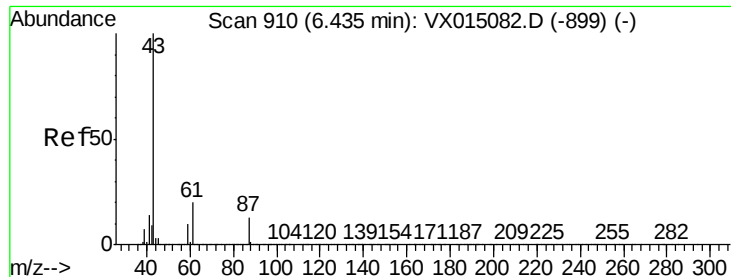
MMDadoda  
3/11/2020 3:21:26 PM



#42  
1,2-Dichloroethane  
Concen: 52.828 ug/l  
RT: 6.18 min Scan# 868  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.4 | 0.0   | 20.6  |       |





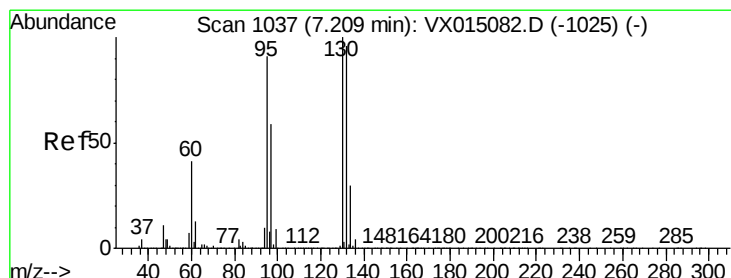
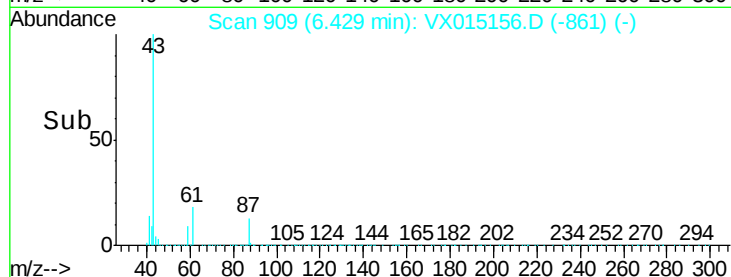
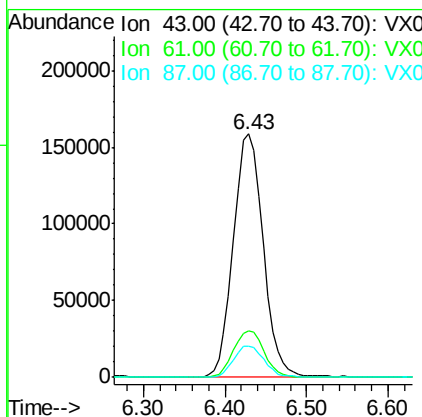
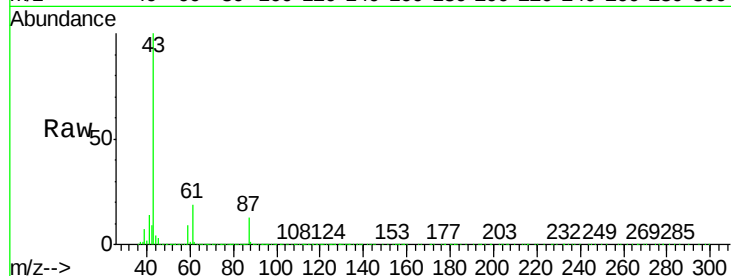
#43  
Isopropyl Acetate  
Concen: 51.363 ug/l  
RT: 6.43 min Scan# 909  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 43    | Resp  | 399154 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 19.7  | 16.1  | 24.1   |
| 87        | 13.2  | 10.6  | 16.0   |

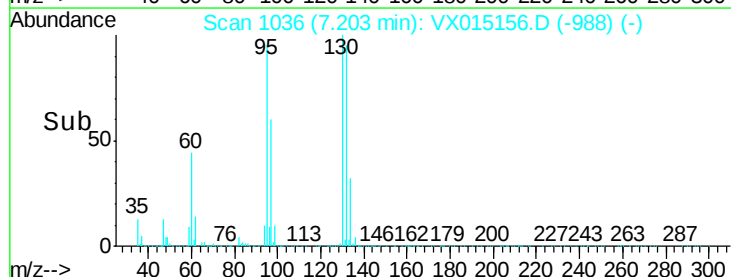
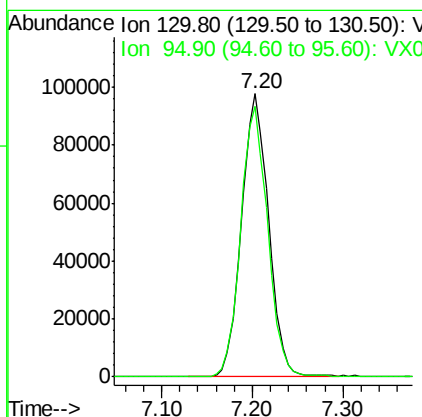
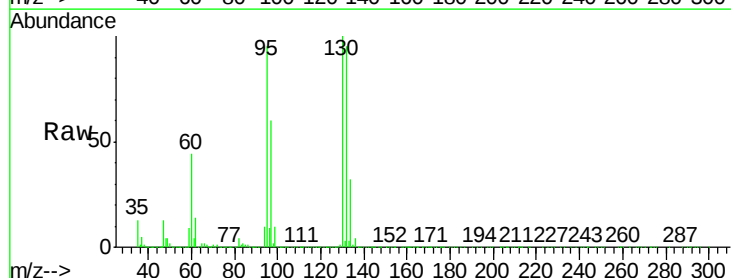
Manual Integrations  
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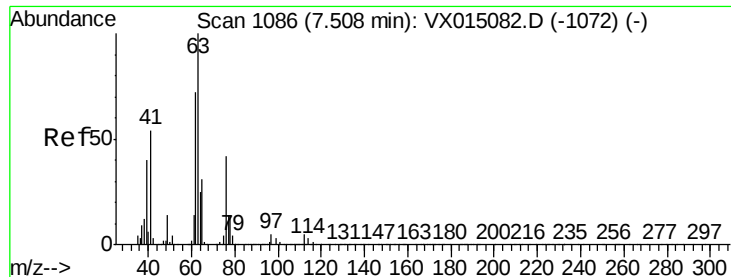
MMDadoda  
3/11/2020 3:21:26 PM



#44  
Trichloroethene  
Concen: 51.430 ug/l  
RT: 7.20 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion   | 130   | Resp  | 202369 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 95.3  | 0.0   | 181.2  |





#45

1,2-Dichloropropane

Concen: 52.742 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 192886

Ion Ratio Lower Upper

63 100

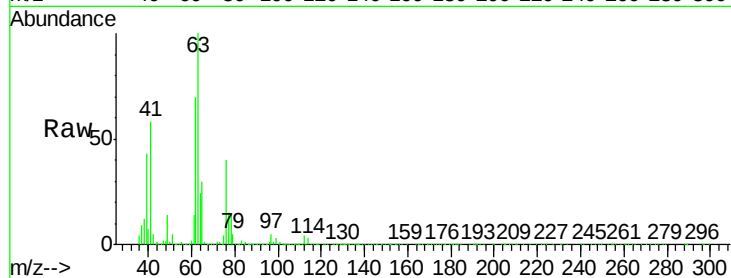
65 30.0 24.6 36.8

Manual Integrations

APPROVED

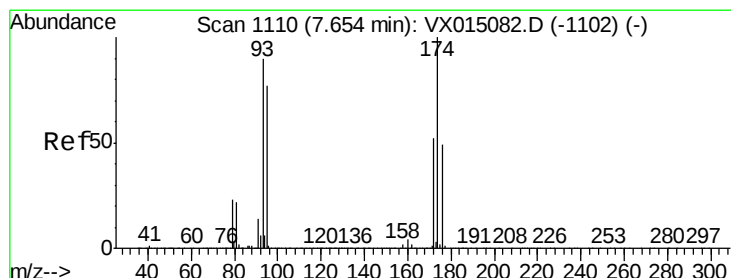
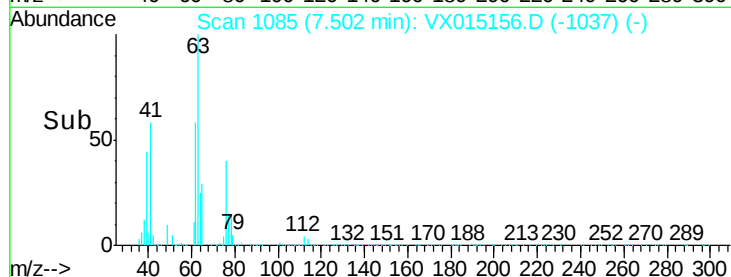
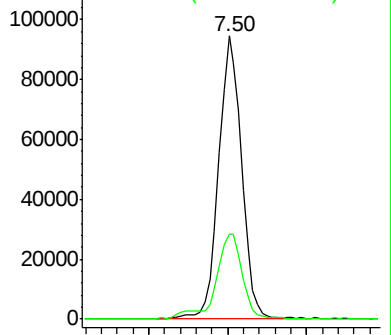
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.735 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

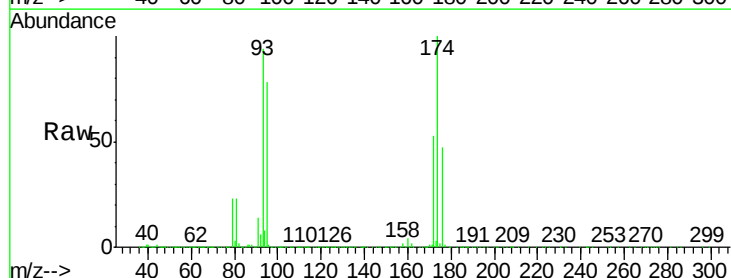
Tgt Ion: 93 Resp: 123283

Ion Ratio Lower Upper

93 100

95 83.6 67.8 101.8

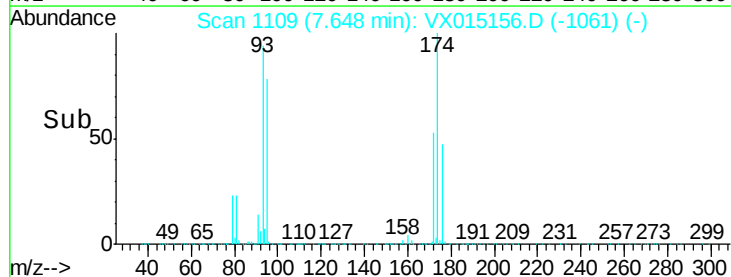
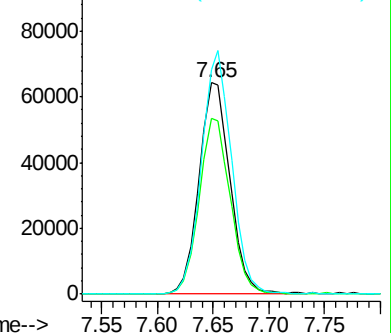
174 112.5 91.0 136.4

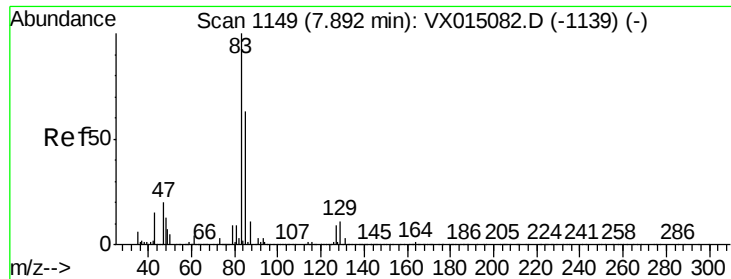


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.129 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

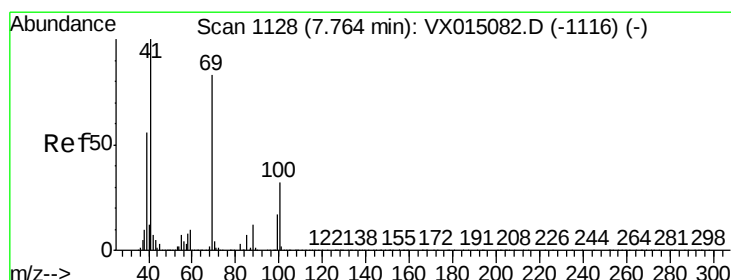
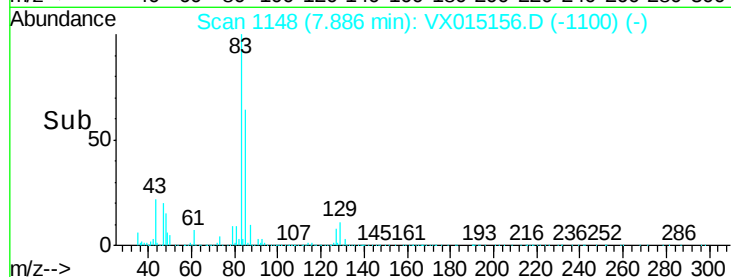
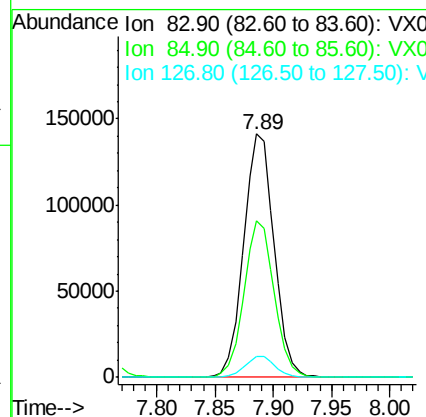
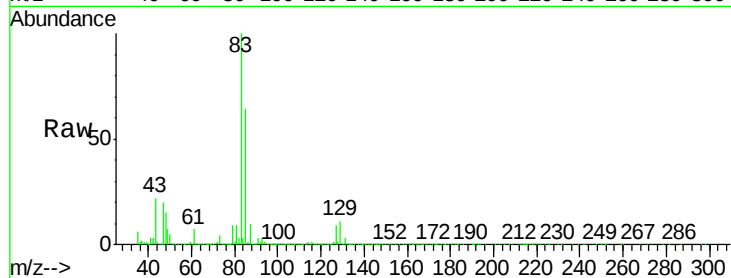
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 255072 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.2  | 50.6  | 75.8   |
| 127       | 8.5   | 7.1   | 10.7   |

Manual Integrations  
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3/11/2020 3:21:26 PM



#48

Methyl methacrylate

Concen: 51.163 ug/l

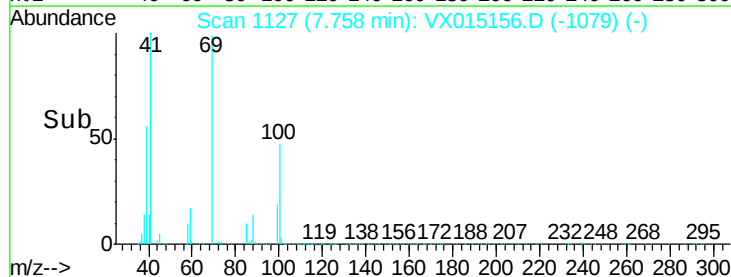
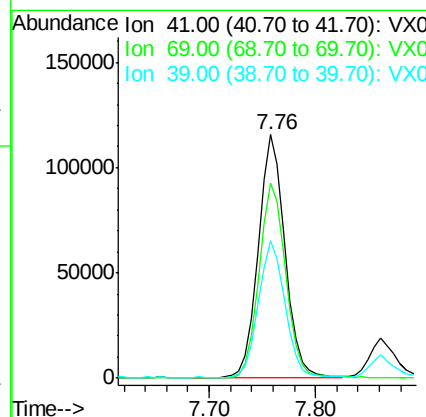
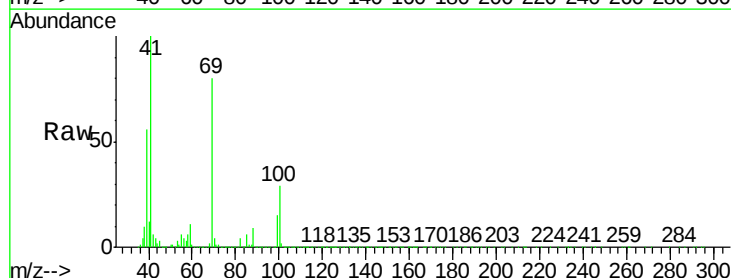
RT: 7.76 min Scan# 1127

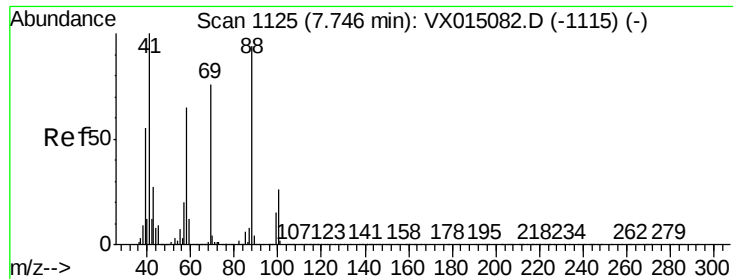
Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 202365 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 80.8  | 65.4  | 98.2   |
| 39        | 56.4  | 44.6  | 67.0   |





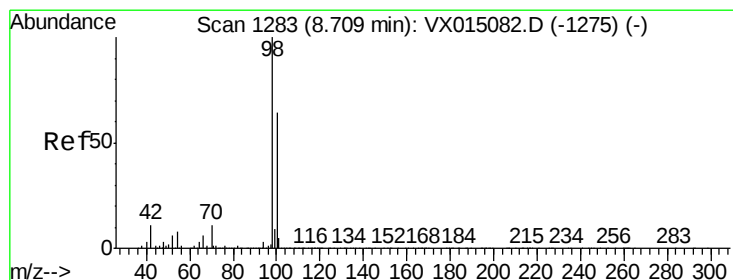
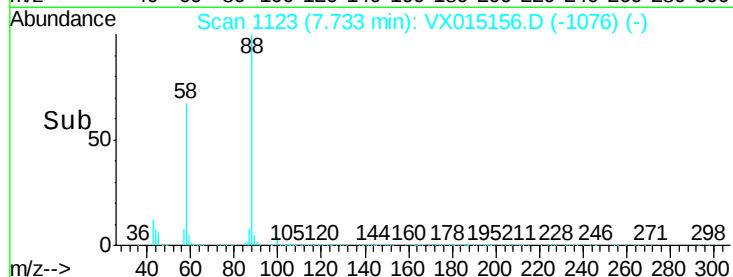
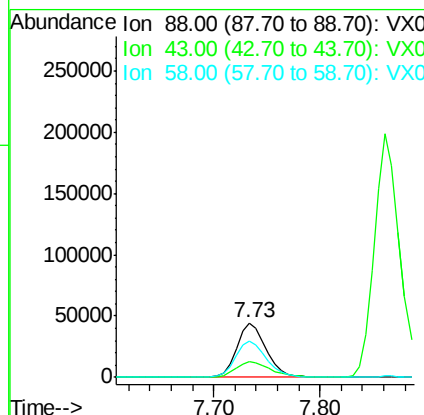
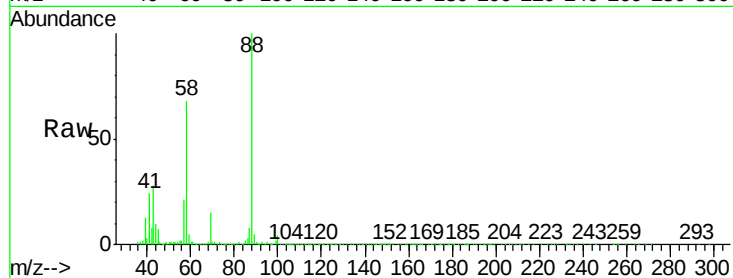
#49  
1,4-Dioxane  
Concen: 990.891 ug/l  
RT: 7.73 min Scan# 1123  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 36.0  | 27.0  | 40.4  |
| 58      | 69.6  | 55.6  | 83.4  |

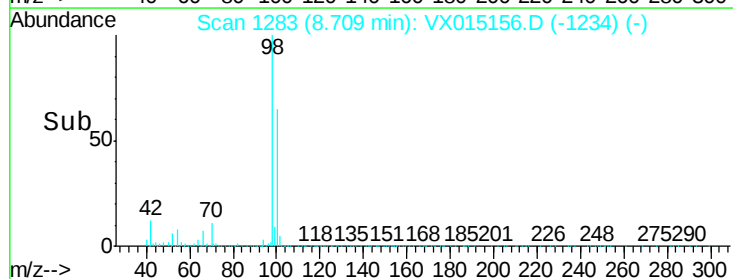
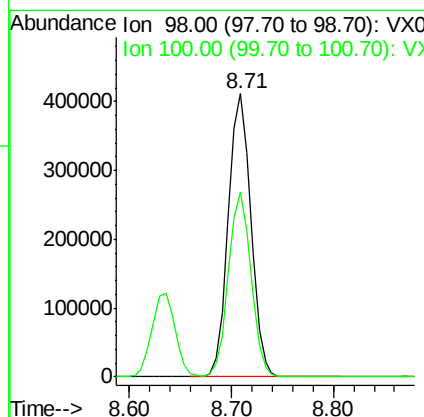
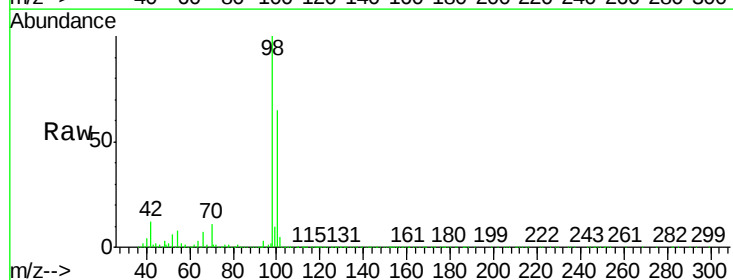
Manual Integrations  
APPROVED

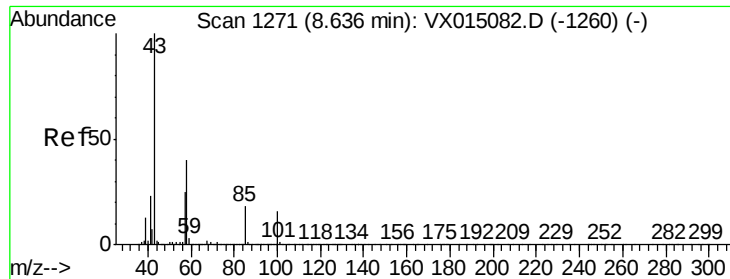
MMDadoda  
3/11/2020 3:21:26 PM



#50  
Toluene-d8  
Concen: 50.929 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.1  | 52.4  | 78.6  |





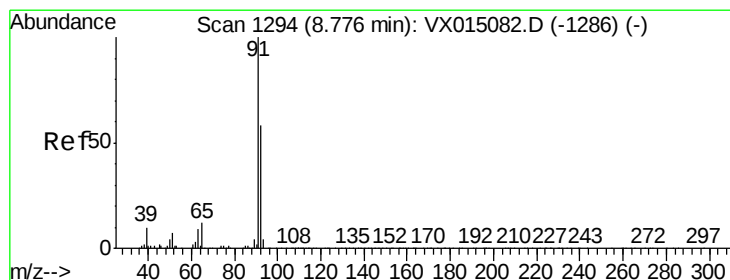
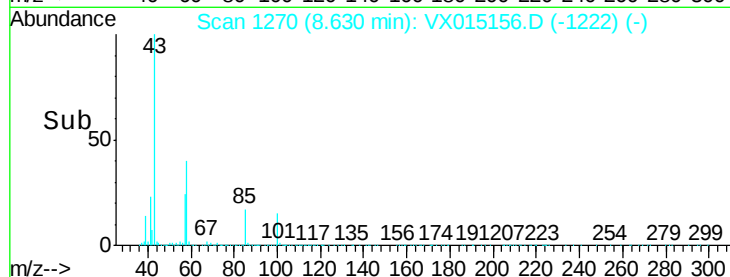
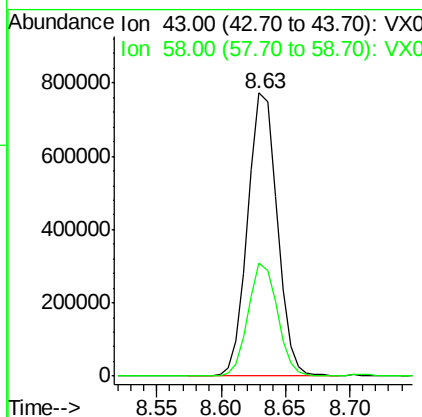
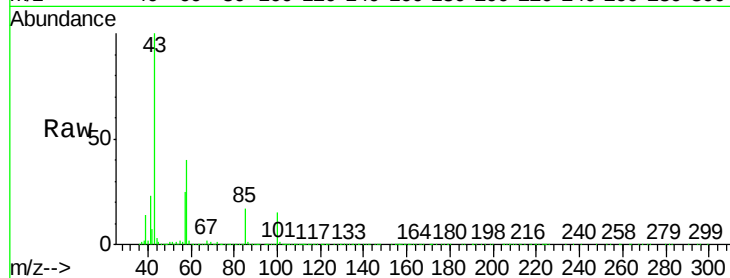
#51  
4-Methyl-2-Pentanone  
Concen: 265.866 ug/l  
RT: 8.63 min Scan# 1270  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 1221608  
Ion Ratio Lower Upper  
43 100  
58 39.3 31.6 47.4

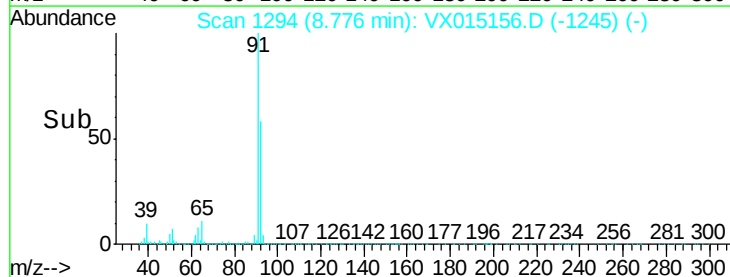
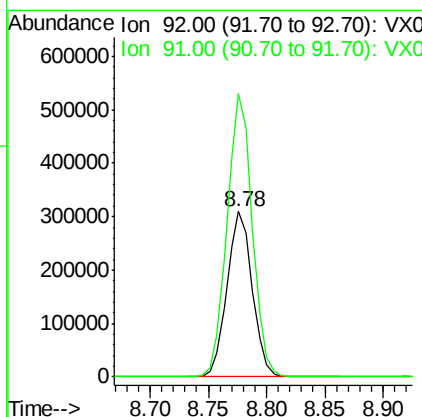
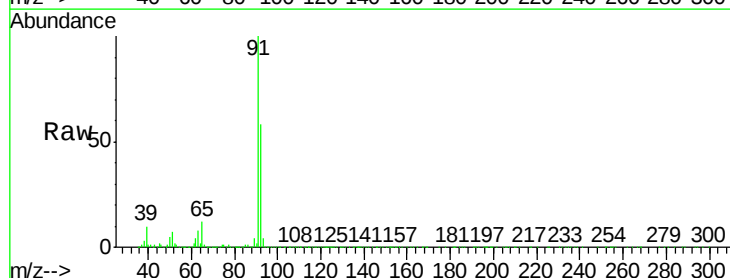
Manual Integrations  
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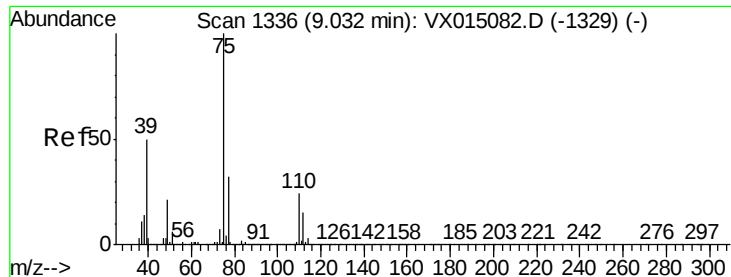
MMDadoda  
3/11/2020 3:21:26 PM



#52  
Toluene  
Concen: 53.764 ug/l  
RT: 8.78 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Tgt Ion: 92 Resp: 464464  
Ion Ratio Lower Upper  
92 100  
91 170.7 136.9 205.3





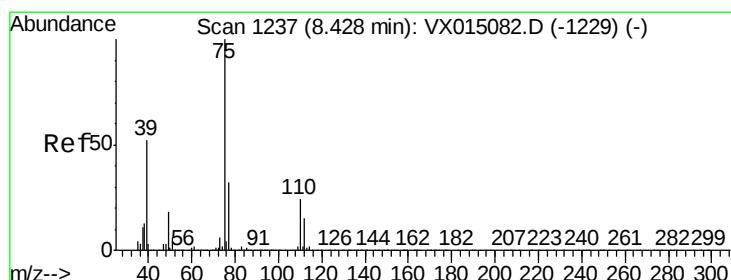
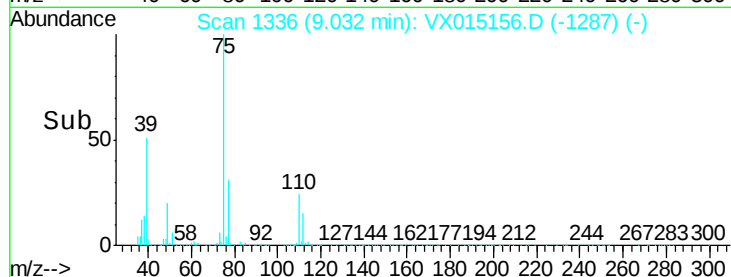
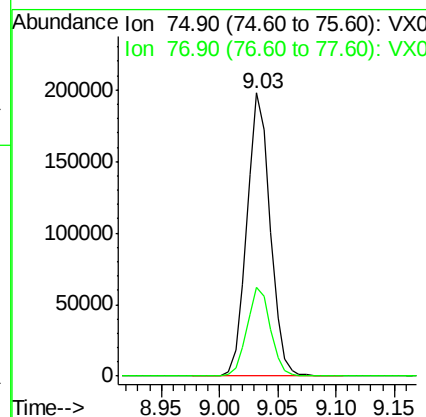
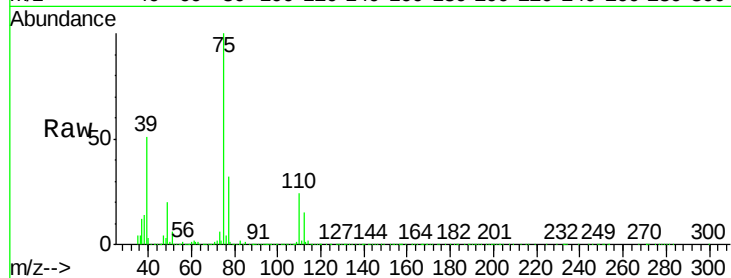
#53  
t-1,3-Dichloropropene  
Concen: 55.181 ug/l  
RT: 9.03 min Scan# 1336  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.5  | 25.4  | 38.0  |

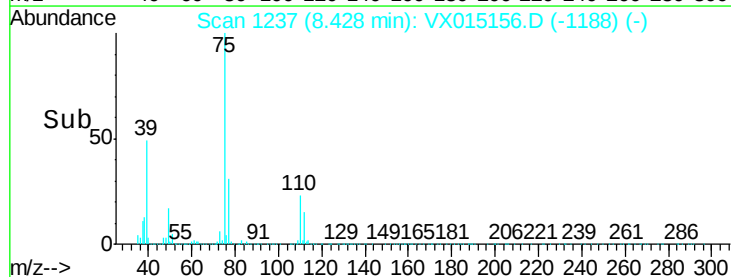
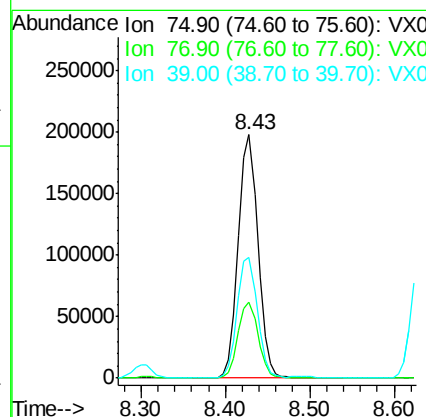
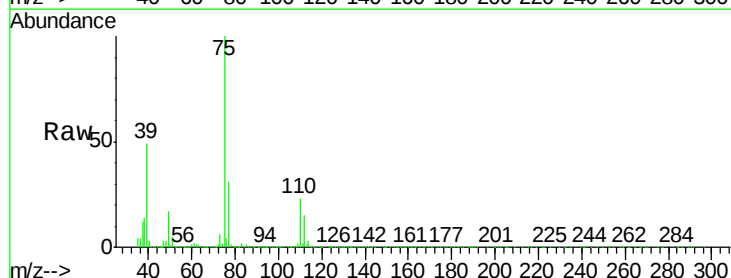
Manual Integrations  
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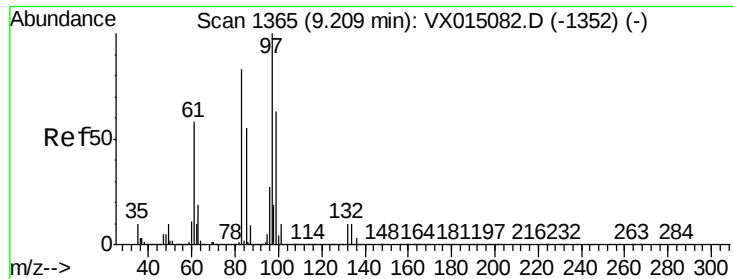
MMDadoda  
3/11/2020 3:21:26 PM



#54  
cis-1,3-Dichloropropene  
Concen: 54.740 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.3  | 25.8  | 38.6  |
| 39      | 49.2  | 41.3  | 61.9  |





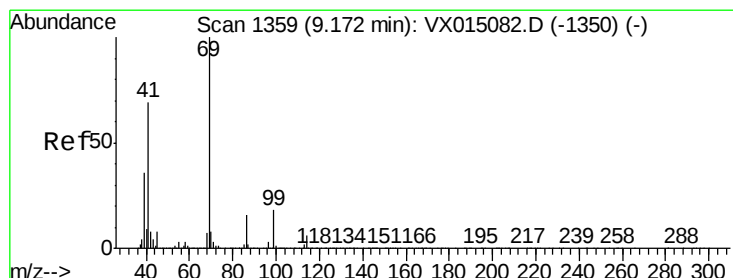
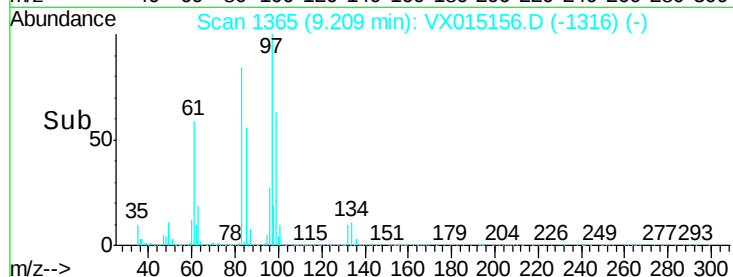
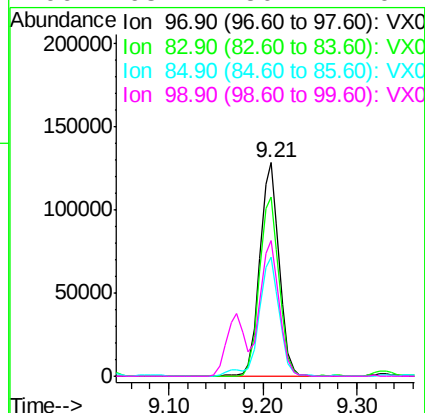
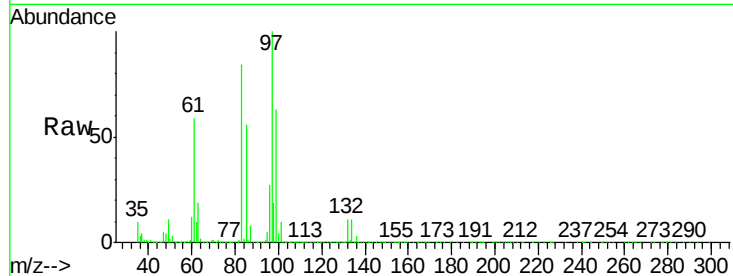
#55  
 1,1,2-Trichloroethane  
 Concen: 52.423 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: VX015156.D  
 Acq: 10 Mar 2020 09:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 186405 |       |       |
| 83      | 83.7 | 66.4  | 99.6   |       |       |
| 85      | 55.7 | 43.5  | 65.3   |       |       |
| 99      | 63.4 | 50.7  | 76.1   |       |       |

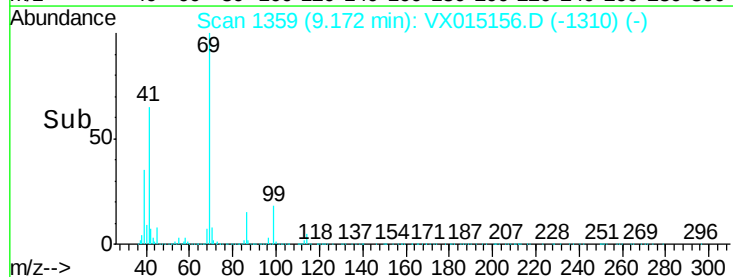
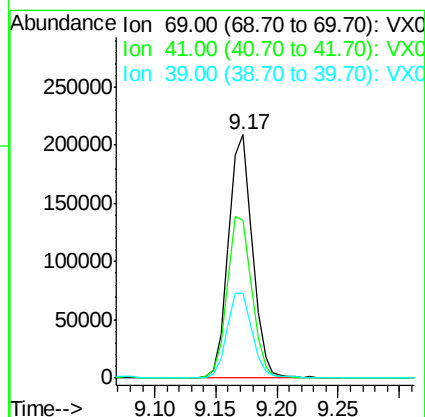
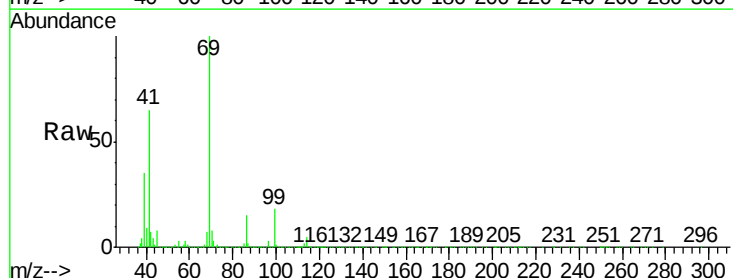
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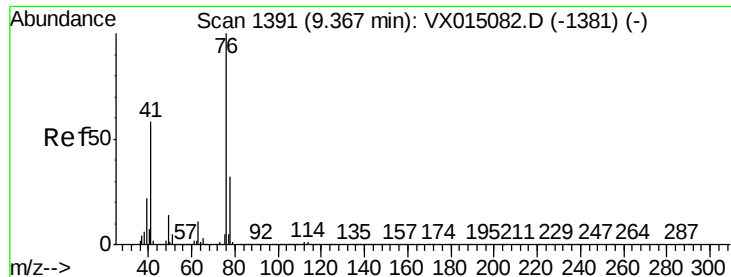
MMDadoda  
 3/11/2020 3:21:26 PM



#56  
 Ethyl methacrylate  
 Concen: 55.693 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. -0.00 min  
 Lab File: VX015156.D  
 Acq: 10 Mar 2020 09:11

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 282467 |       |       |
| 41      | 68.1 | 55.8  | 83.8   |       |       |
| 39      | 37.1 | 29.4  | 44.2   |       |       |





#57

1,3-Dichloropropane

Concen: 52.855 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 316184

Ion Ratio Lower Upper

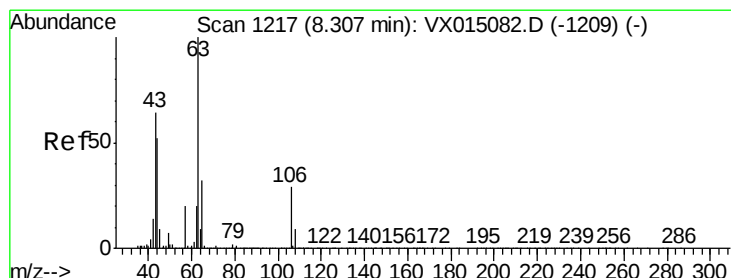
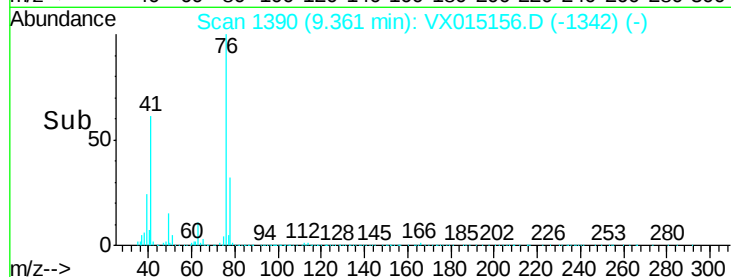
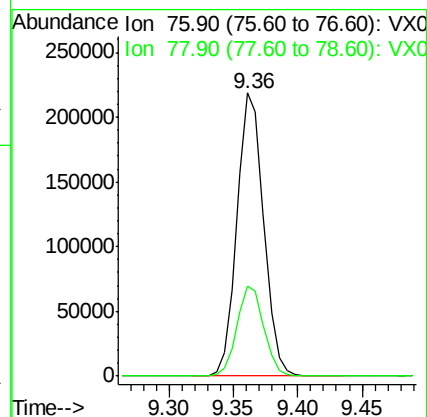
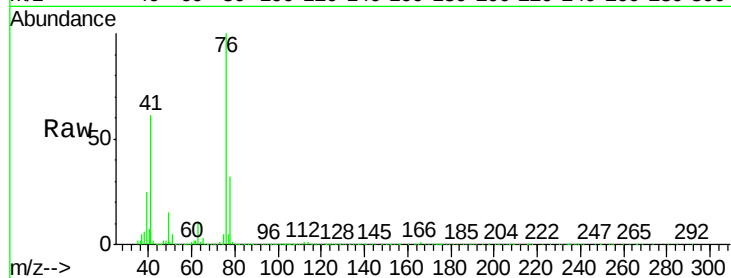
76 100

78 32.1 25.6 38.4

Manual Integrations  
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#58

2-Chloroethyl Vinyl ether

Concen: 275.733 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015156.D

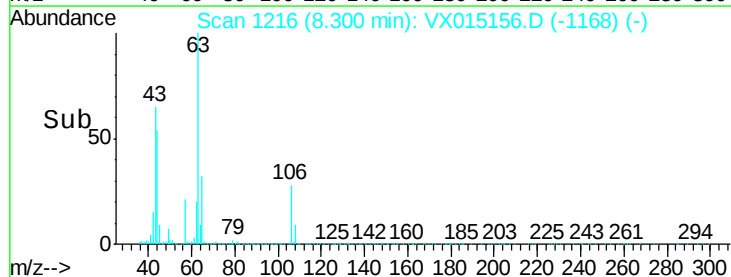
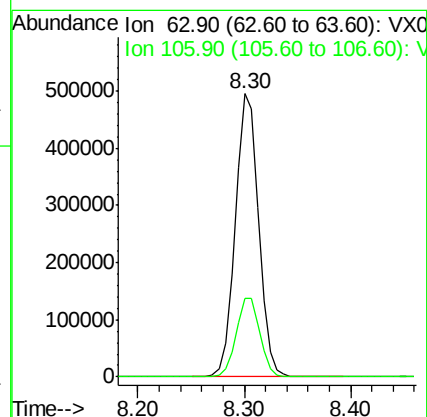
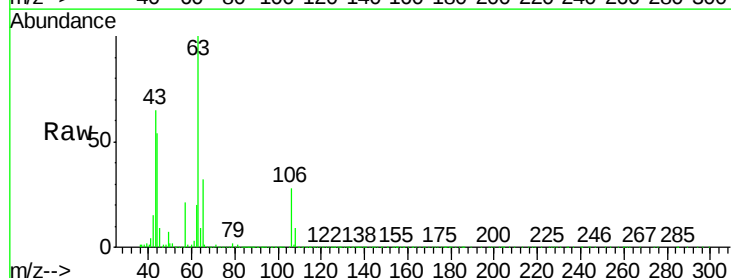
Acq: 10 Mar 2020 09:11

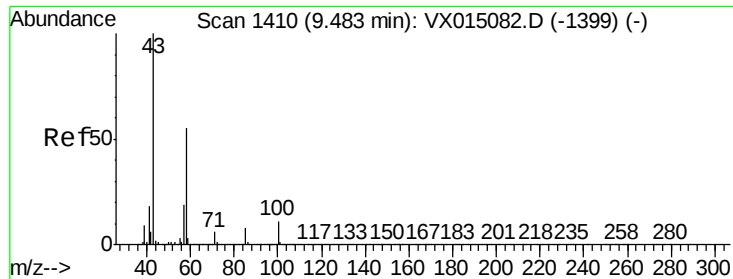
Tgt Ion: 63 Resp: 761856

Ion Ratio Lower Upper

63 100

106 28.3 22.8 34.2





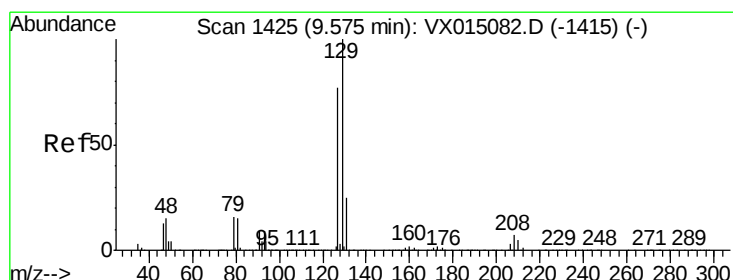
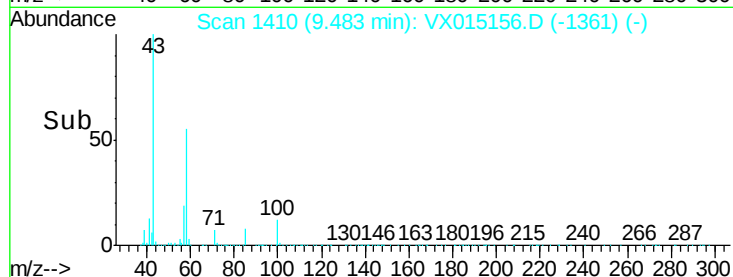
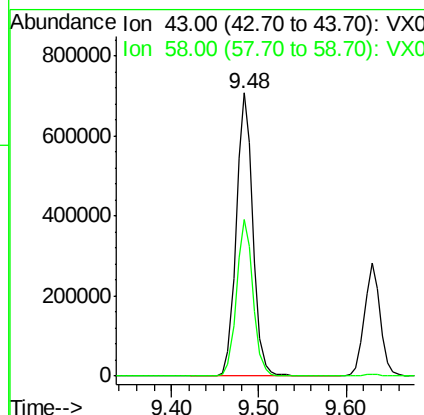
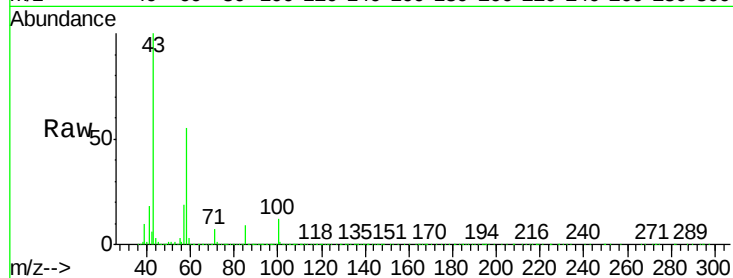
#59  
2-Hexanone  
Concen: 278.347 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 947943  
Ion Ratio Lower Upper  
43 100  
58 54.9 27.3 81.8

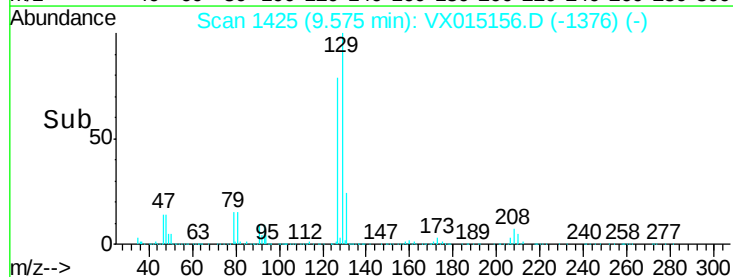
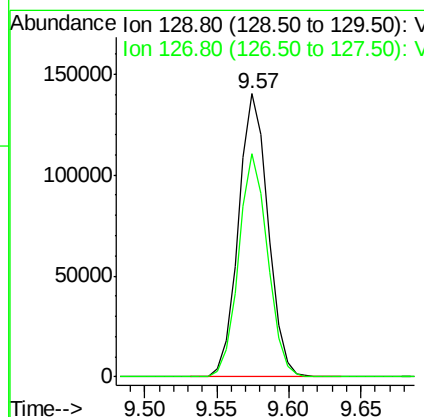
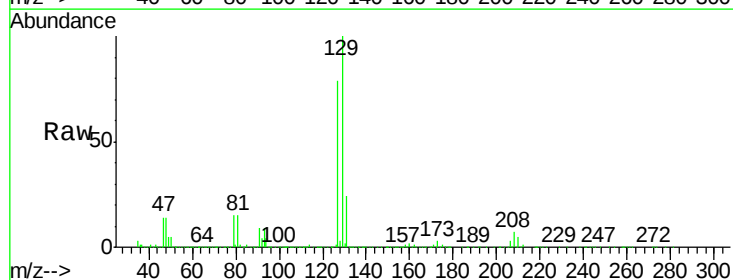
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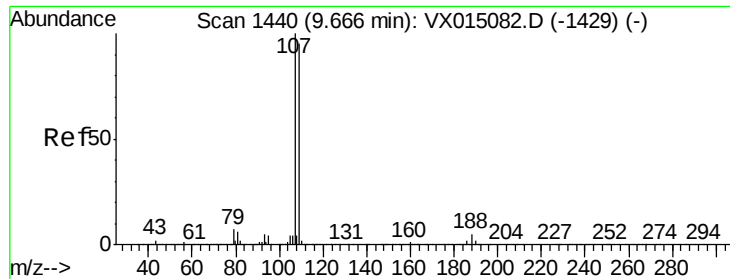
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 53.529 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Tgt Ion: 129 Resp: 199943  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 51.690 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 193052

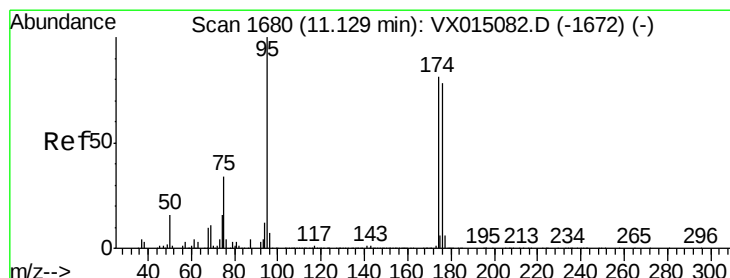
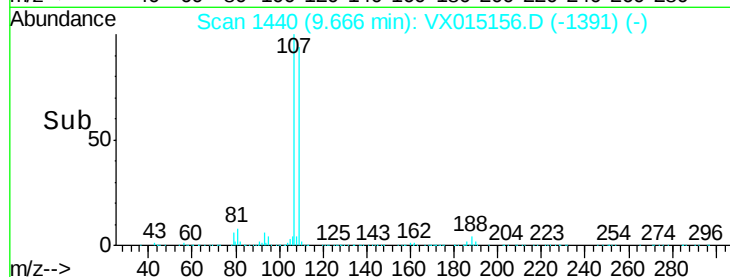
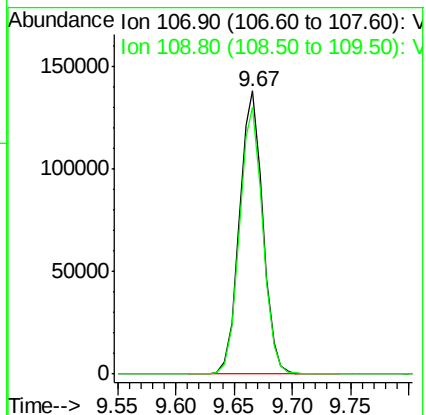
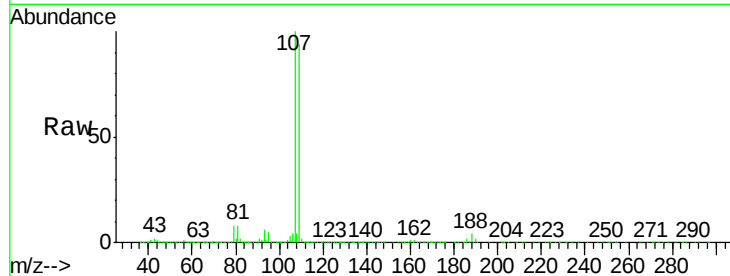
Ion Ratio Lower Upper

107 100

109 94.4 75.6 113.4

Manual Integrations  
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#62

4-Bromofluorobenzene

Concen: 51.388 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

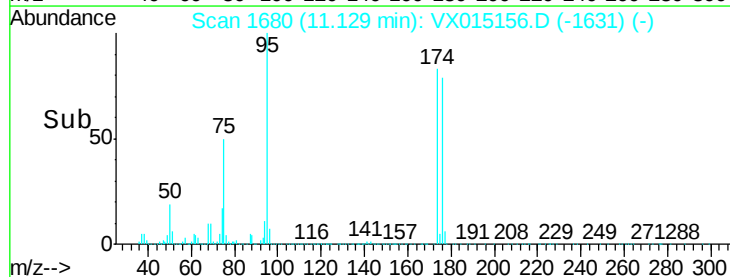
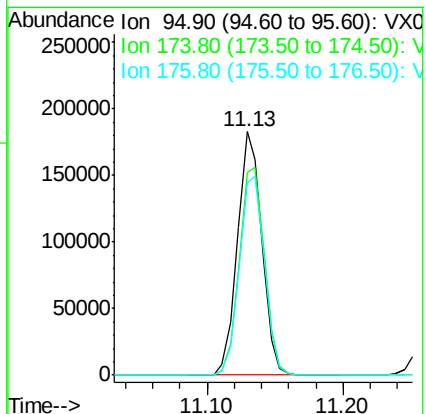
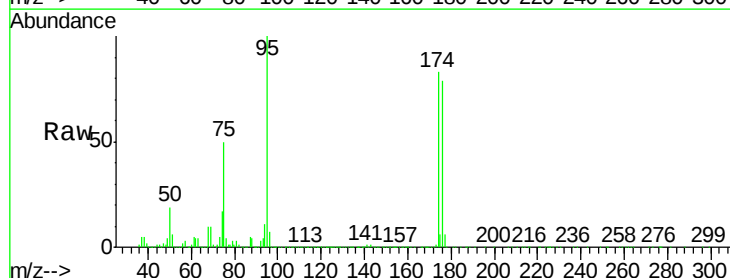
Tgt Ion: 95 Resp: 226593

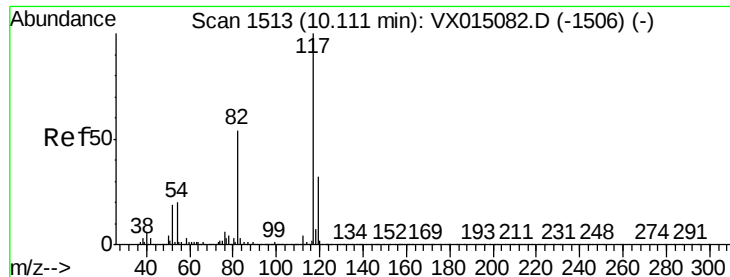
Ion Ratio Lower Upper

95 100

174 89.1 0.0 177.6

176 85.0 0.0 170.2





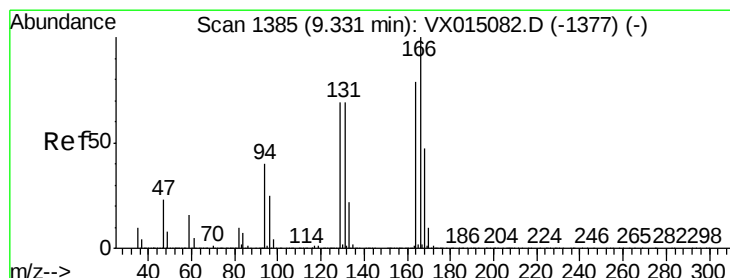
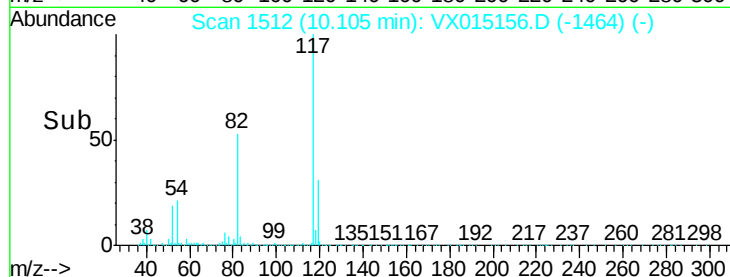
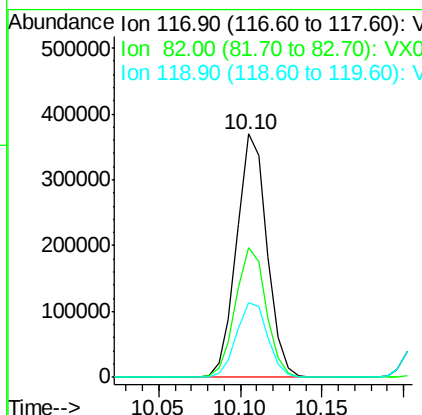
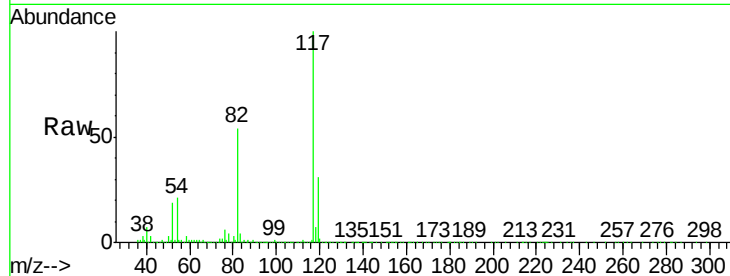
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.4  | 43.3  | 64.9  |
| 119     | 30.8  | 25.8  | 38.8  |

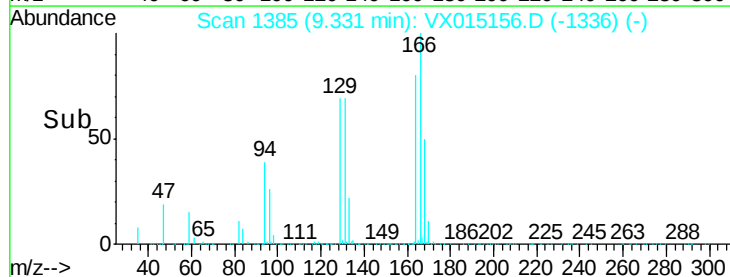
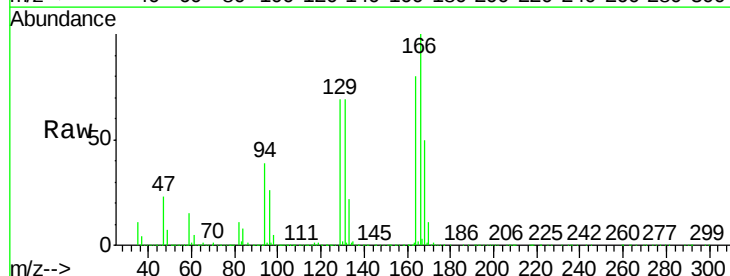
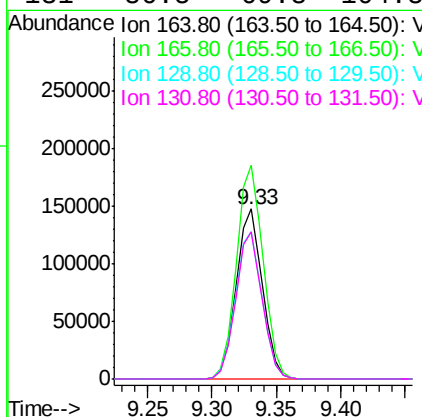
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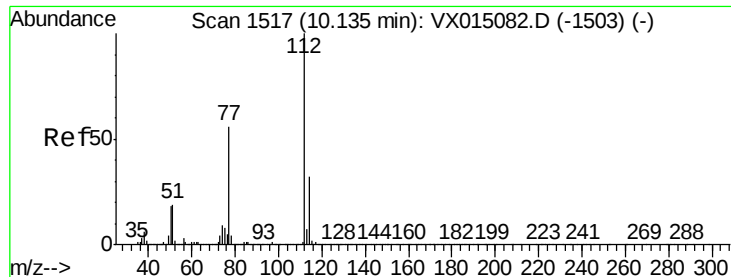
MMDadoda  
3/11/2020 3:21:26 PM



#64  
Tetrachloroethene  
Concen: 52.233 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.7 | 101.1 | 151.7 |
| 129     | 86.4  | 69.4  | 104.0 |
| 131     | 86.5  | 69.8  | 104.8 |





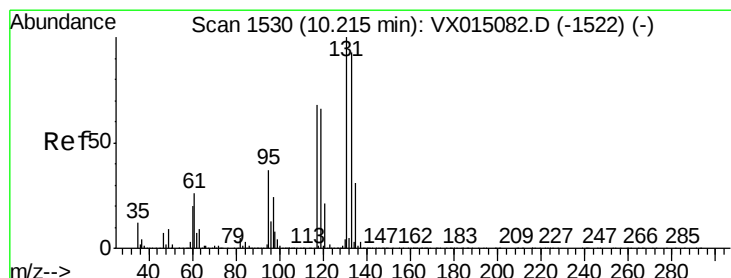
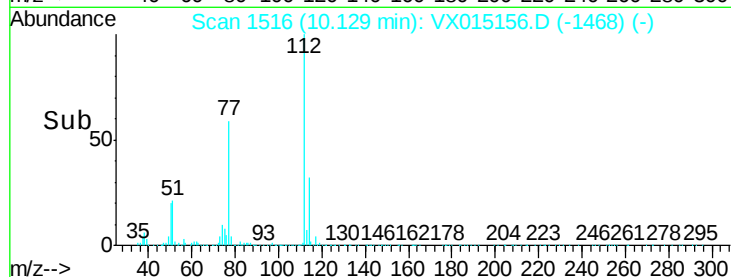
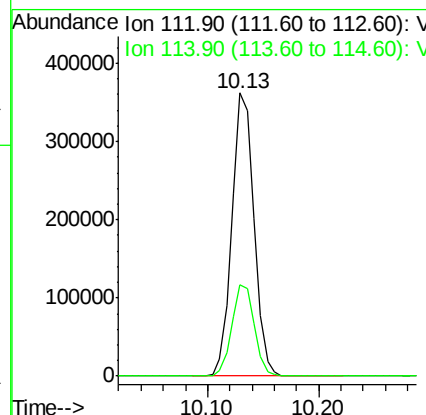
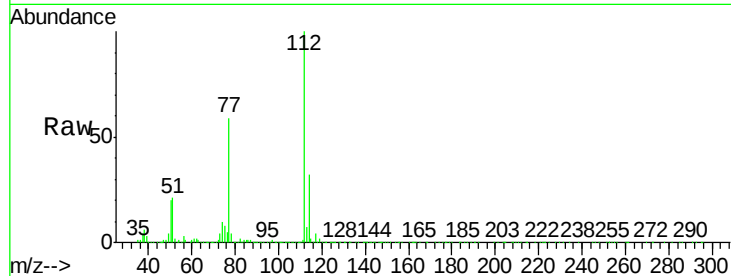
#65  
Chlorobenzene  
Concen: 51.384 ug/l  
RT: 10.13 min Scan# 1516  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.1  | 25.5  | 38.3  |

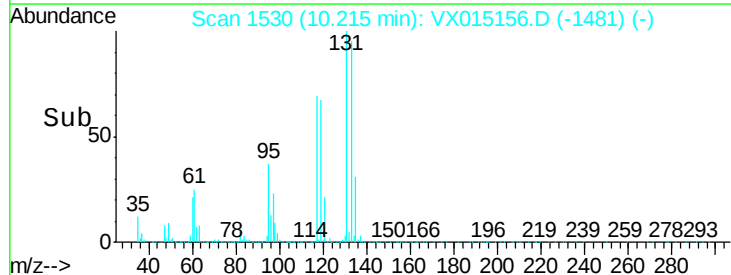
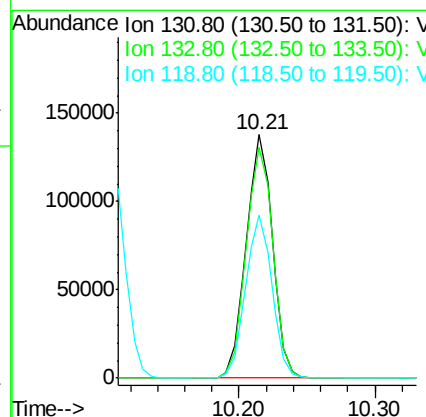
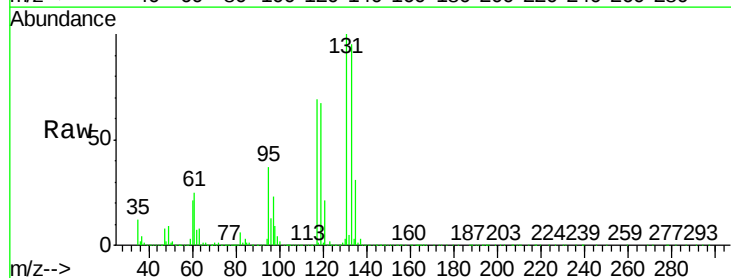
Manual Integrations  
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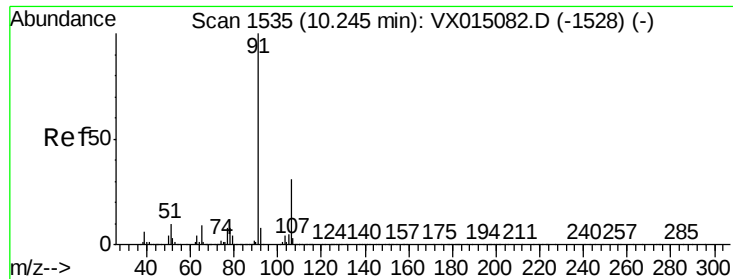
MMDadoda  
3/11/2020 3:21:26 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.104 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.7  | 47.5  | 142.5 |
| 119     | 66.6  | 33.4  | 100.1 |





#67

Ethyl Benzene

Concen: 54.311 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 892854

Ion Ratio Lower Upper

91 100

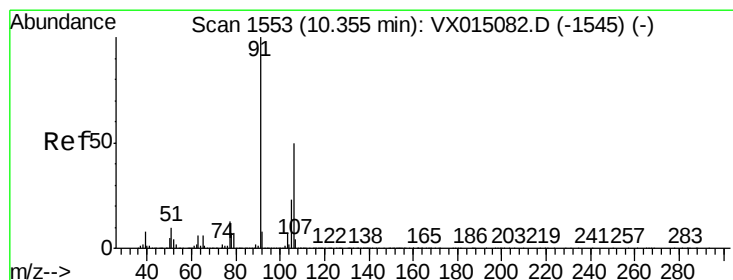
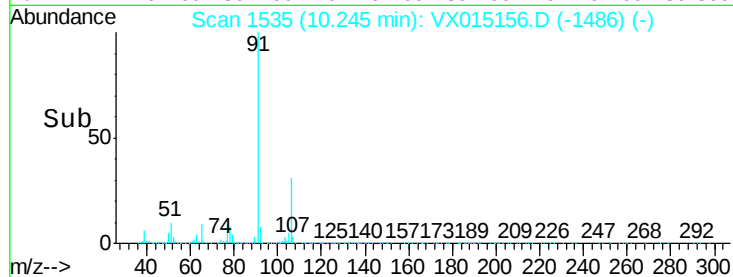
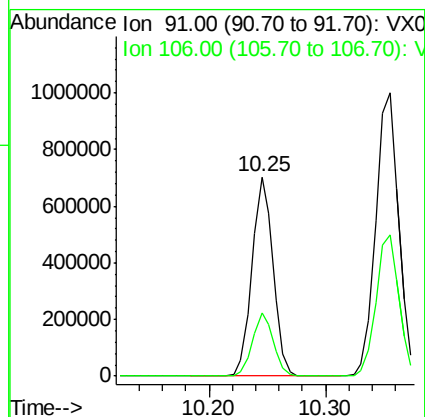
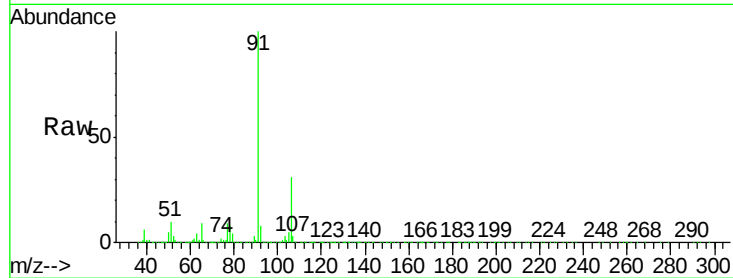
106 31.5 24.9 37.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 109.342 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015156.D

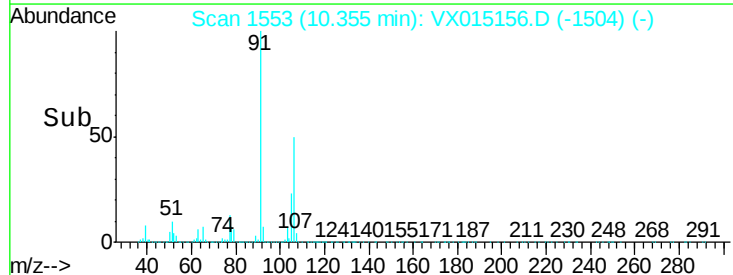
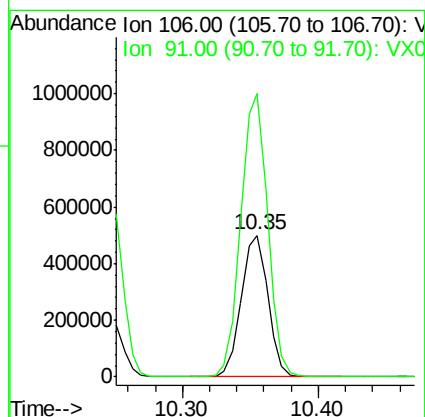
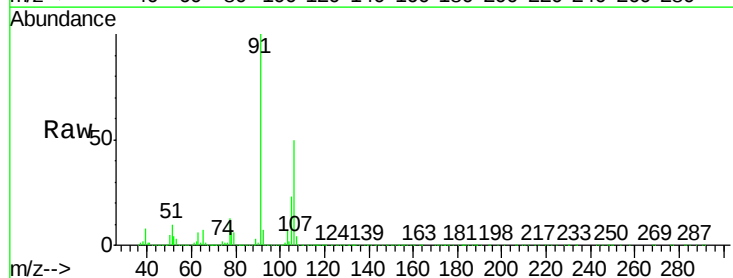
Acq: 10 Mar 2020 09:11

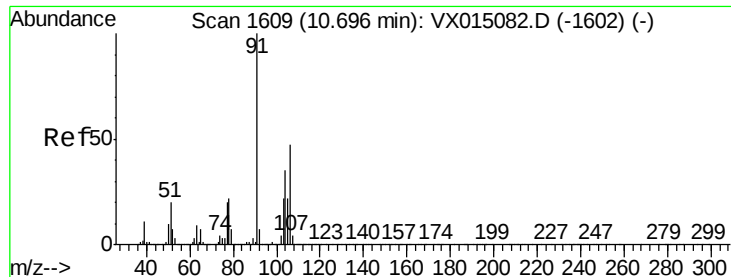
Tgt Ion: 106 Resp: 683908

Ion Ratio Lower Upper

106 100

91 200.8 159.4 239.2





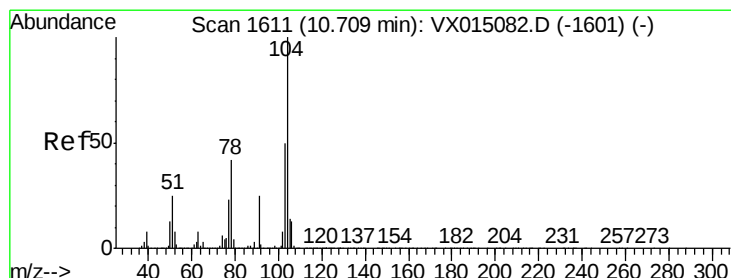
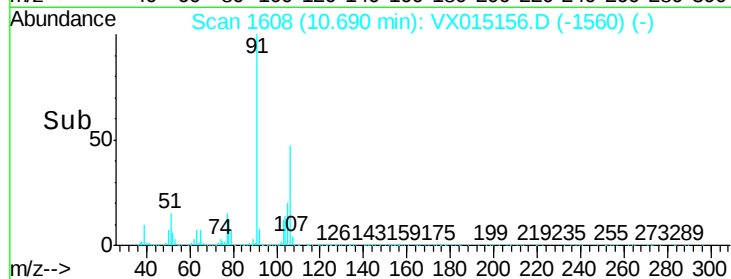
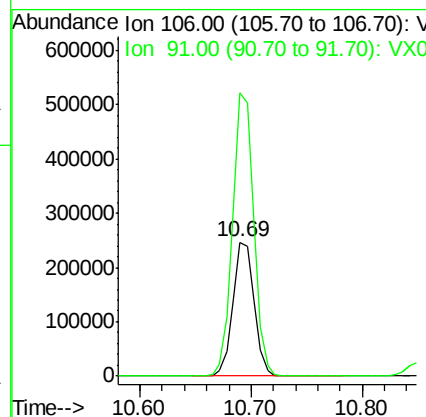
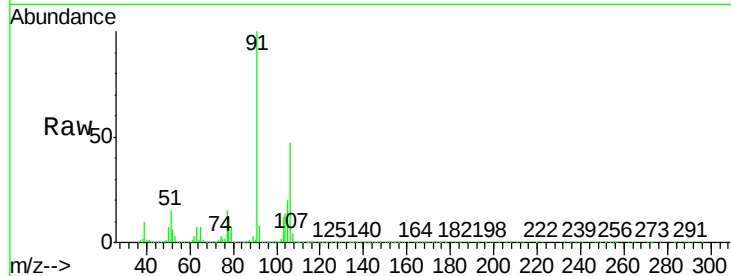
#69  
o-Xylene  
Concen: 54.118 ug/l  
RT: 10.69 min Scan# 1608  
Delta R.T. -0.01 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:106 Resp: 324085  
Ion Ratio Lower Upper  
106 100  
91 211.5 105.4 316.1

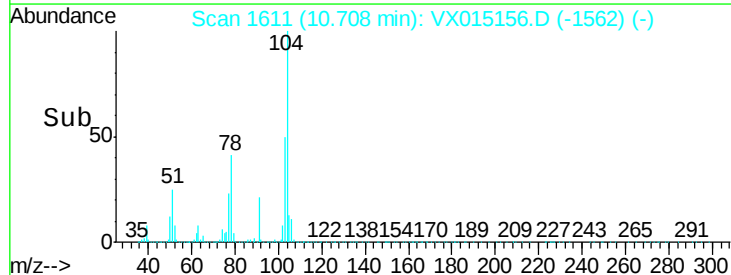
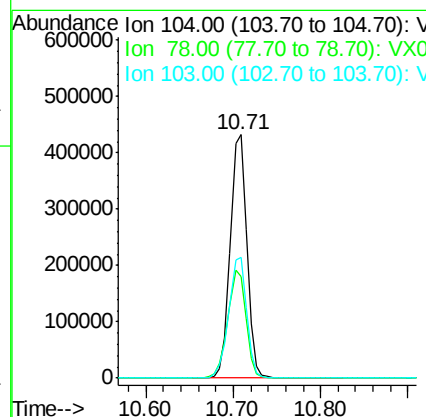
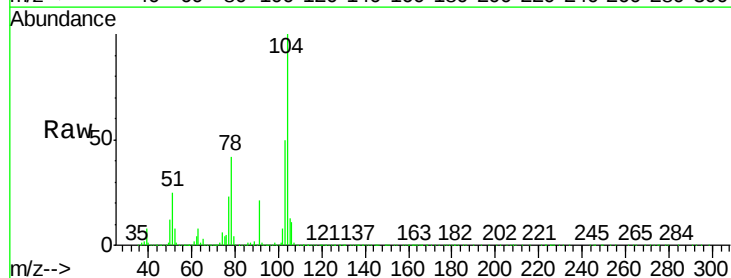
Manual Integrations  
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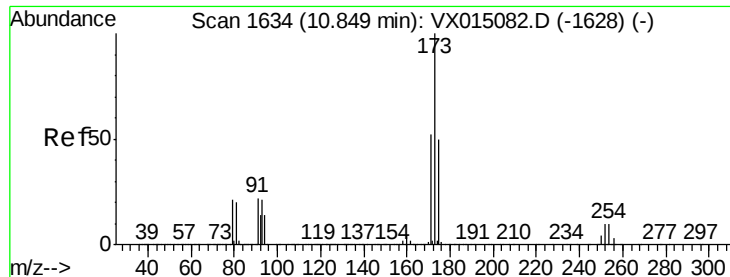
MMDadoda  
3/11/2020 3:21:26 PM



#70  
Styrene  
Concen: 55.686 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Tgt Ion:104 Resp: 571778  
Ion Ratio Lower Upper  
104 100  
78 48.3 39.0 58.4  
103 53.1 43.7 65.5





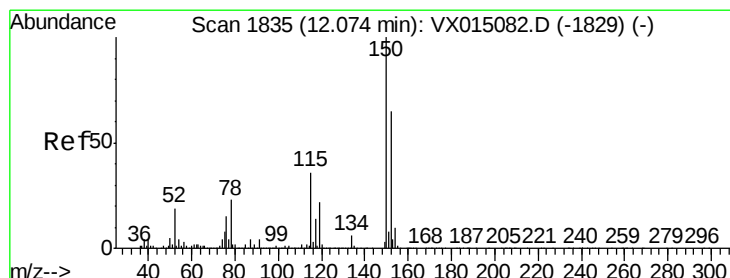
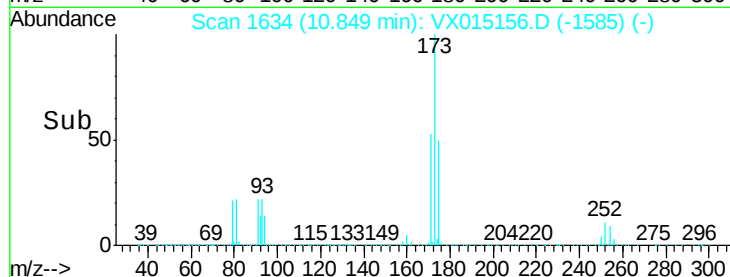
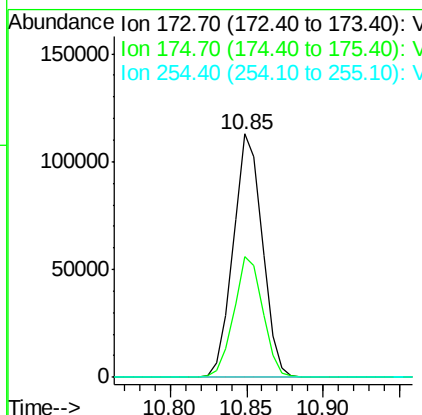
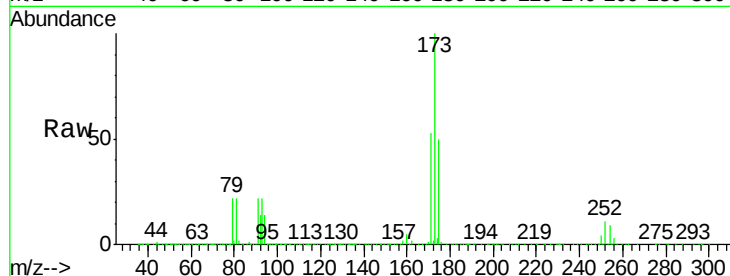
#71  
Bromoform  
Concen: 52.542 ug/l  
RT: 10.85 min Scan# 1634  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.5  | 24.9  | 74.7  |
| 254     | 0.2   | 0.2   | 0.2   |

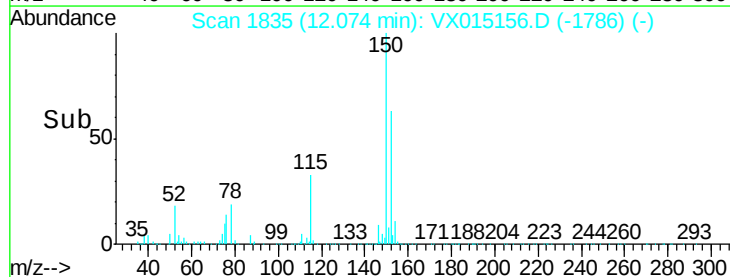
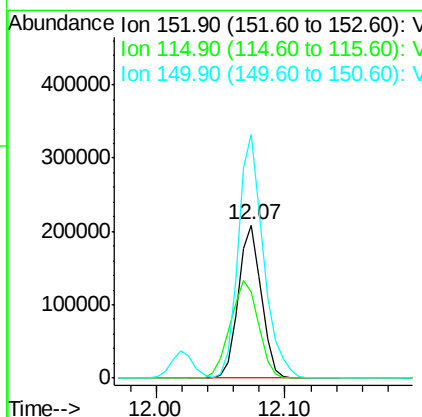
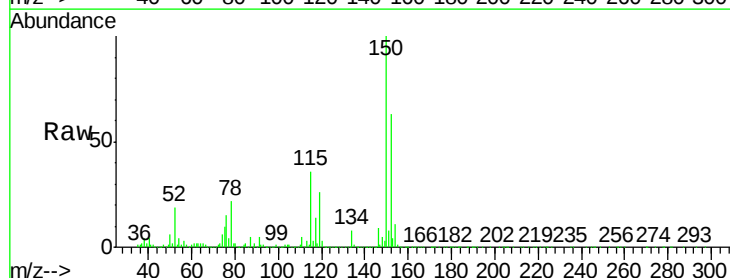
Manual Integrations  
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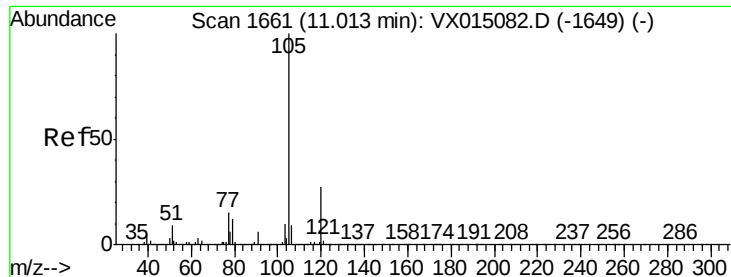
MMDadoda  
3/11/2020 3:21:26 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 78.9  | 38.2  | 114.6 |
| 150     | 175.3 | 0.0   | 343.8 |





#73

Isopropylbenzene

Concen: 53.517 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 874983

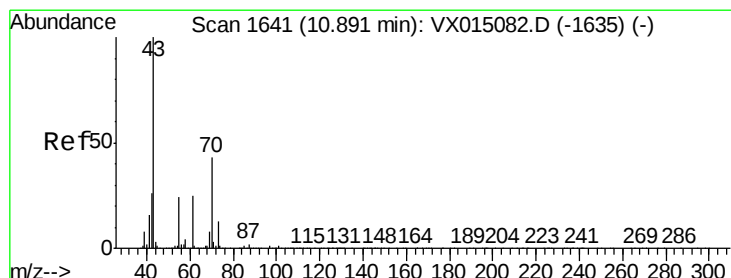
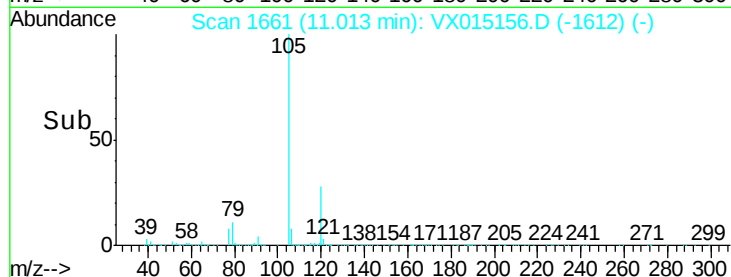
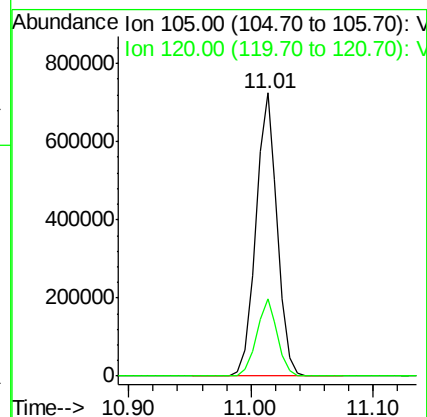
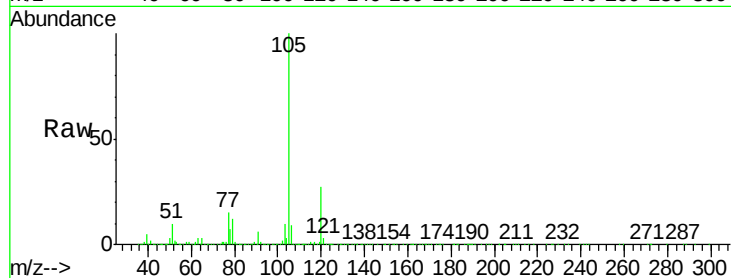
Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5

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3/11/2020 3:21:26 PM



#74

N-ethyl acetate

Concen: 50.379 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Tgt Ion: 43 Resp: 347127

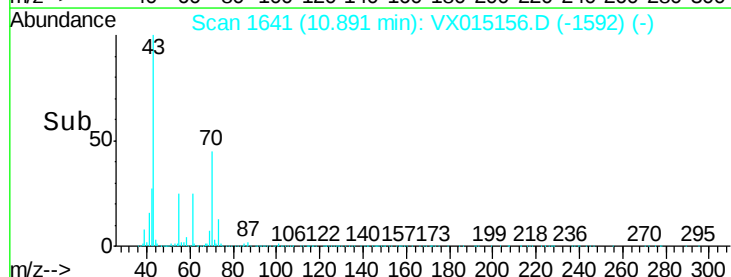
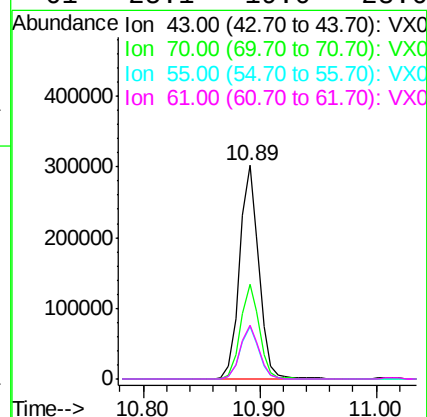
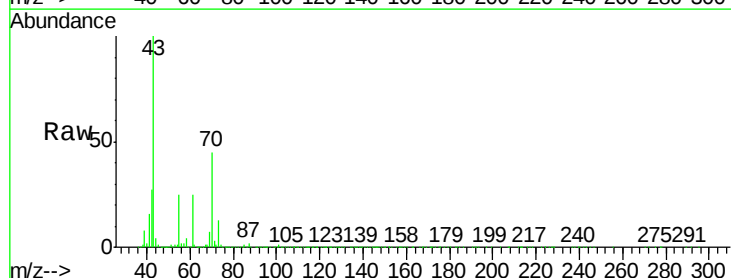
Ion Ratio Lower Upper

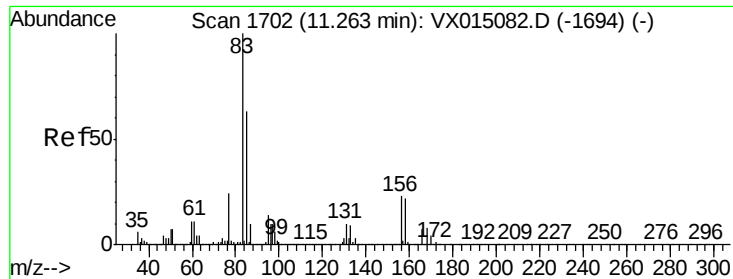
43 100

70 43.4 34.7 52.1

55 24.3 19.4 29.0

61 25.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.240 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

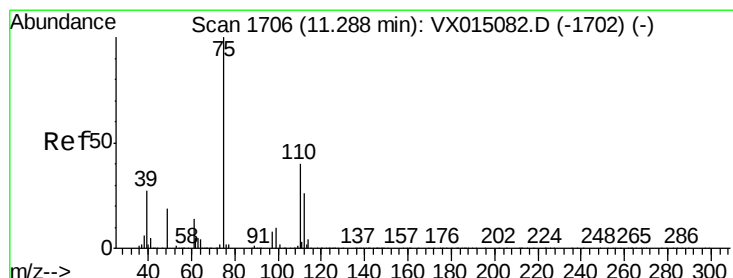
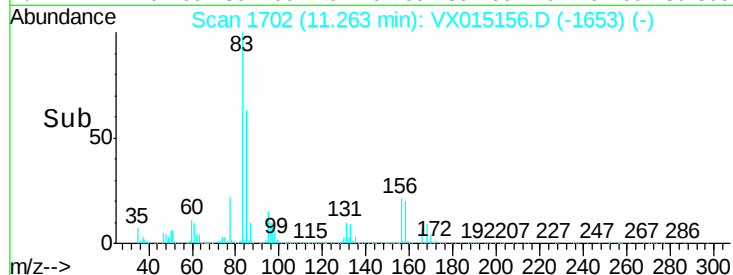
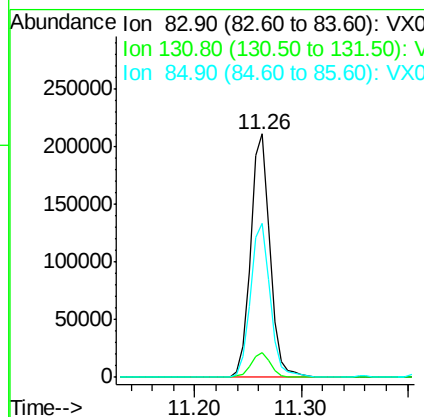
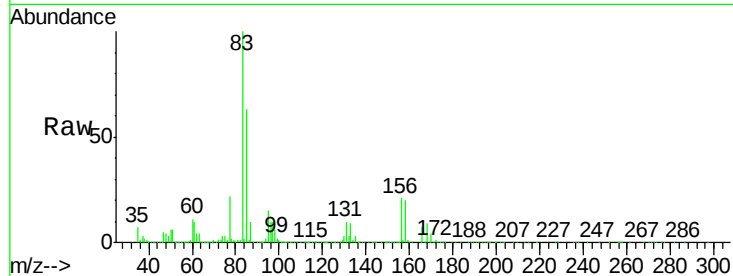
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 268299 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.3  | 5.0   | 14.9   |
| 85        | 64.7  | 31.9  | 95.9   |

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#76

1,2,3-Trichloropropane

Concen: 43.965 ug/l m

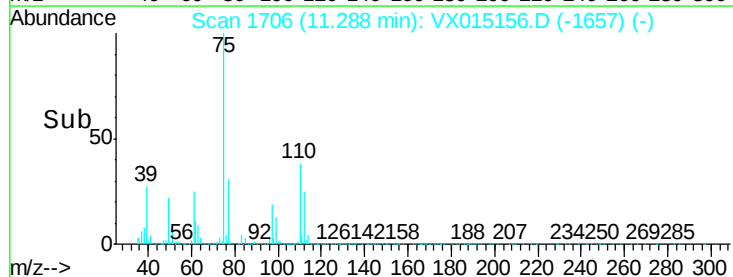
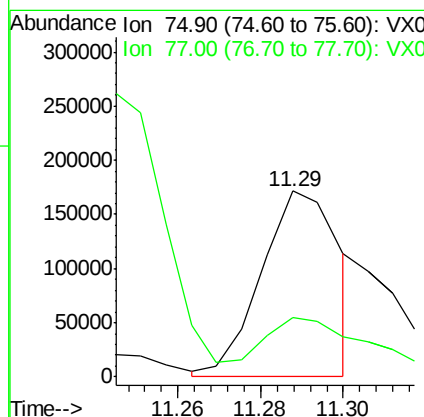
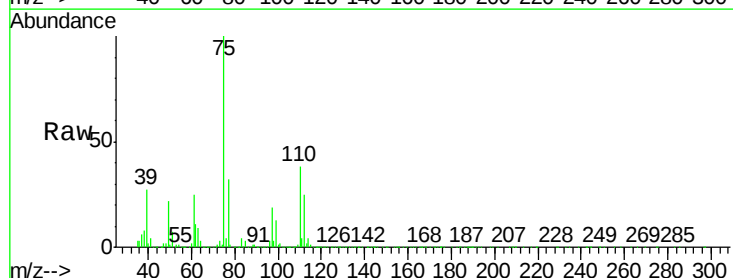
RT: 11.29 min Scan# 1706

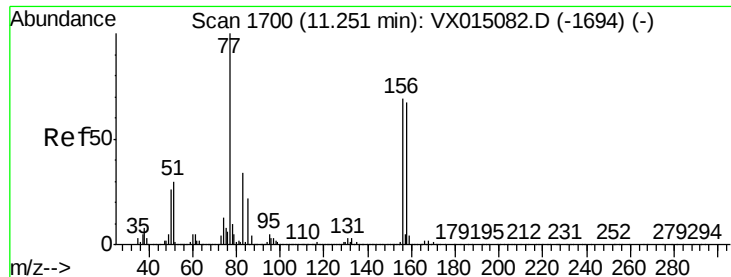
Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 224453 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 44.2  | 22.6  | 67.8   |





#77

Bromobenzene

Concen: 50.153 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

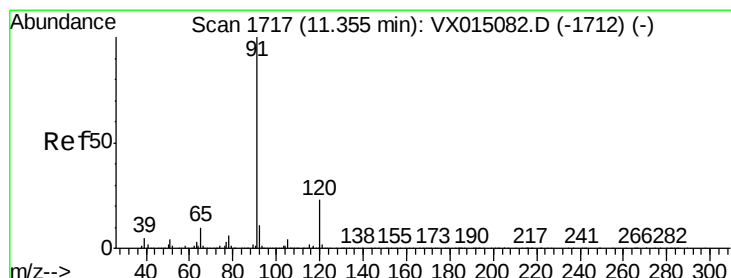
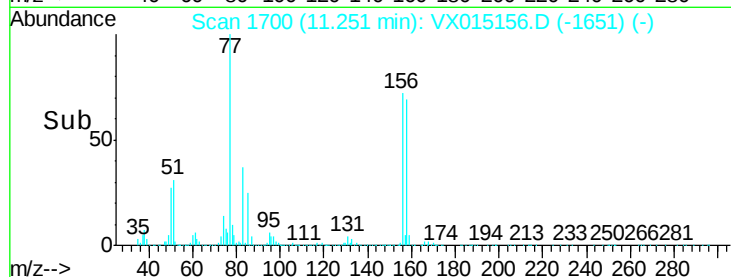
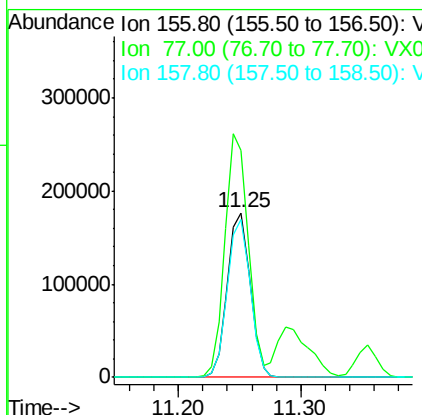
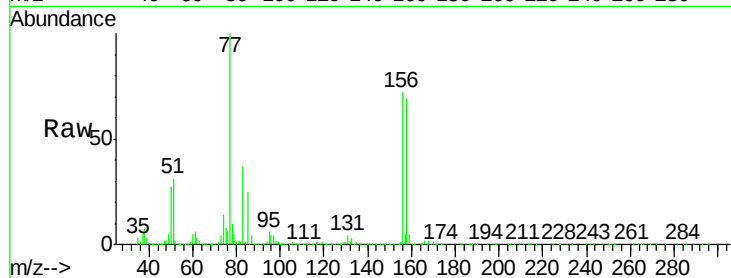
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 228521 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 150.3 | 75.3  | 225.9  |
| 158       | 96.6  | 48.5  | 145.6  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 54.500 ug/l

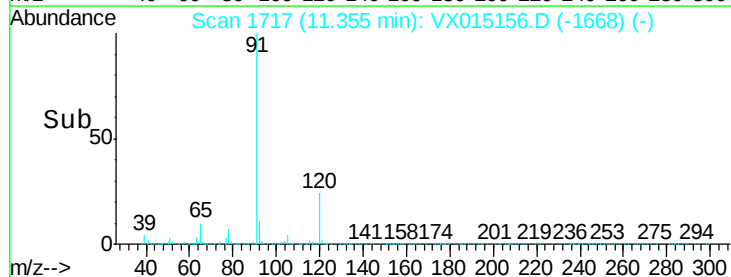
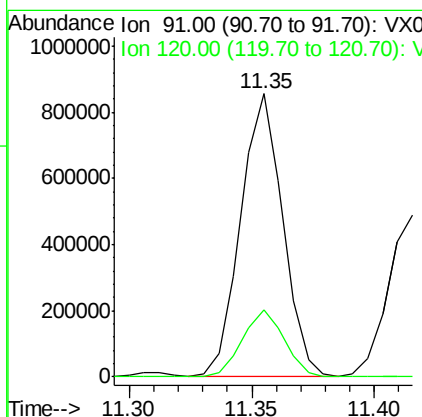
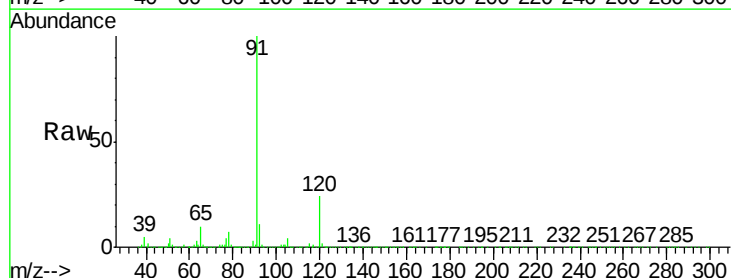
RT: 11.35 min Scan# 1717

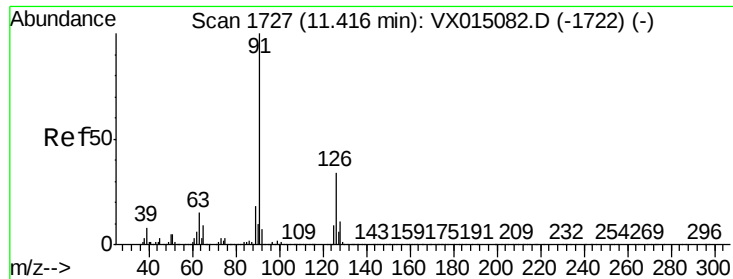
Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1017999 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 23.7  | 11.7  | 35.1    |





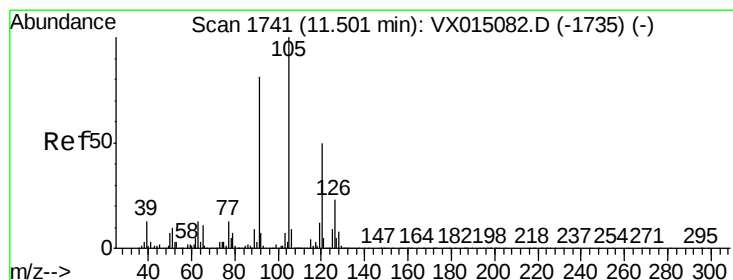
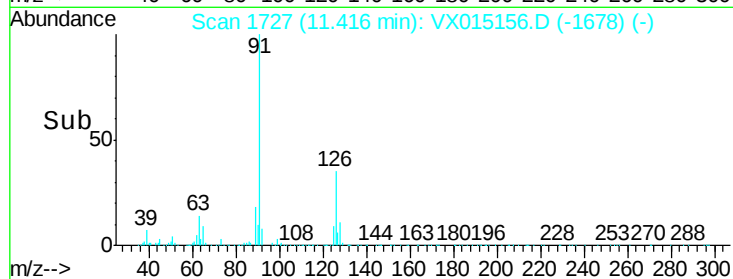
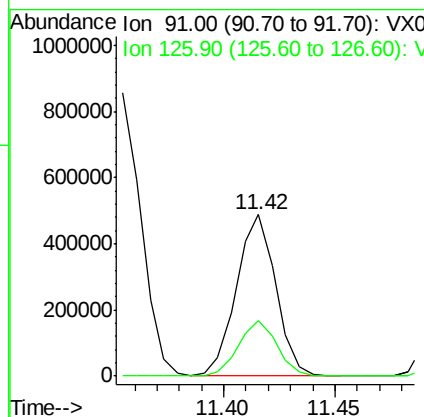
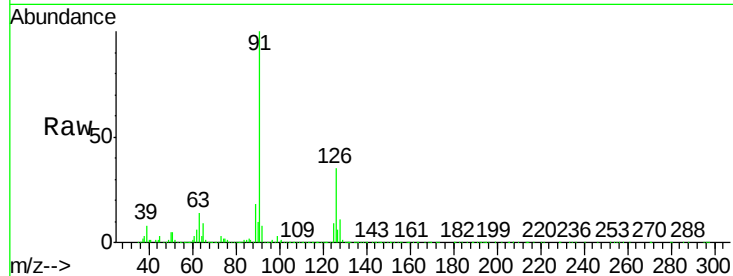
#79  
2-Chlorotoluene  
Concen: 53.634 ug/l  
RT: 11.42 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 598283  
Ion Ratio Lower Upper  
91 100  
126 34.2 17.3 52.0

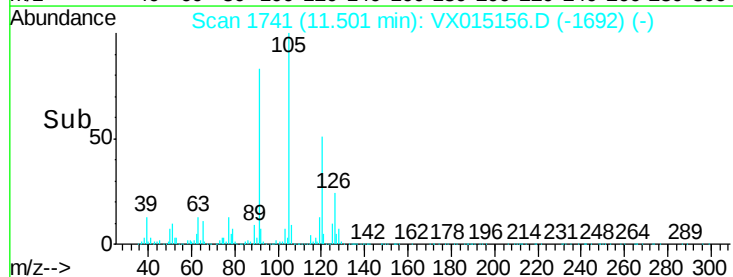
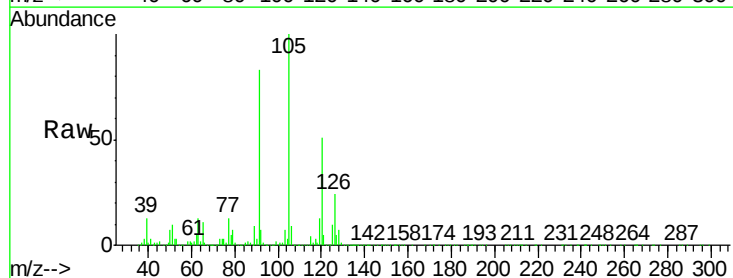
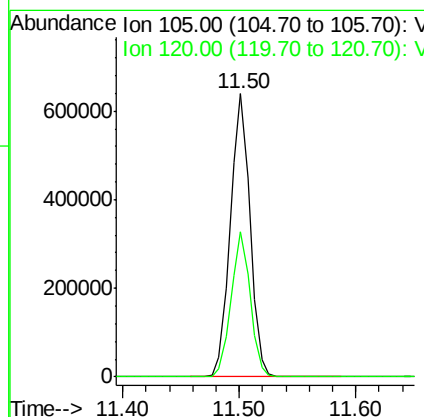
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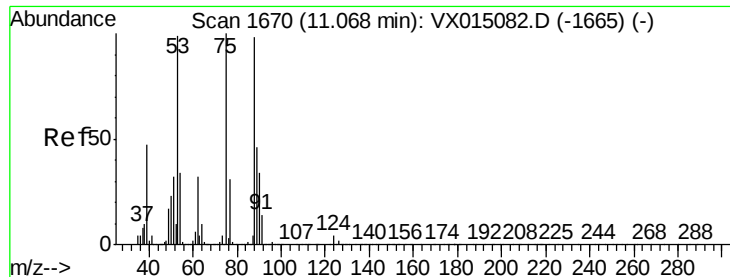
MMDadoda  
3/11/2020 3:21:26 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 54.920 ug/l  
RT: 11.50 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Tgt Ion: 105 Resp: 747482  
Ion Ratio Lower Upper  
105 100  
120 50.0 25.1 75.4





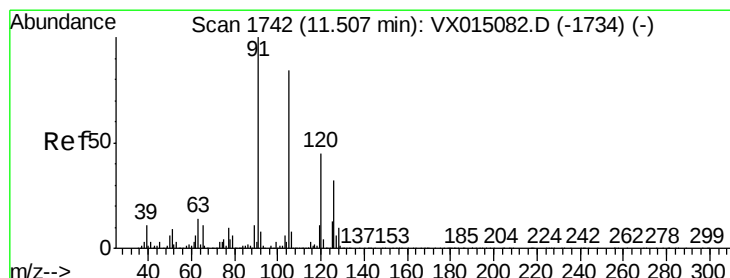
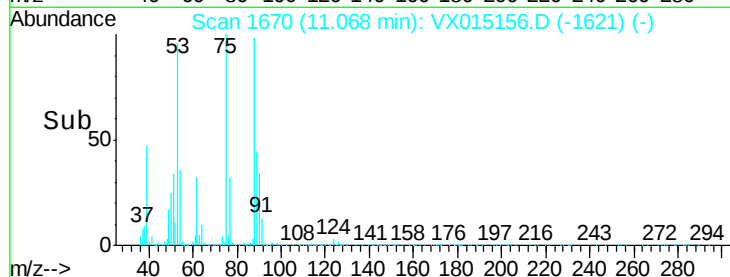
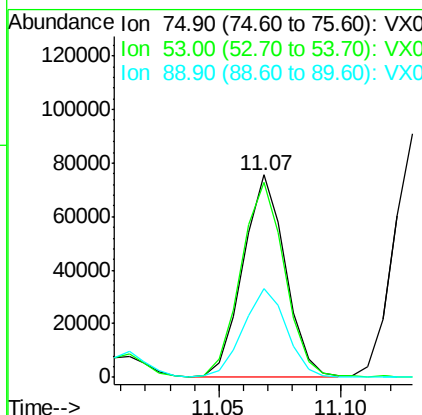
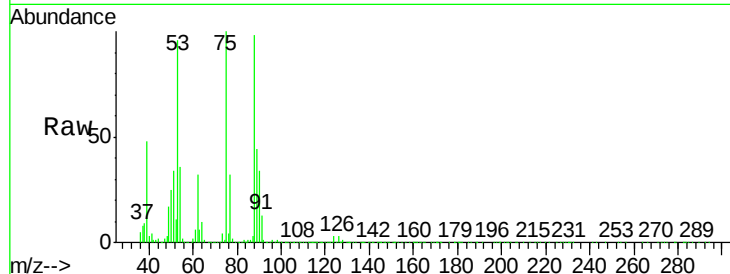
#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.023 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 99.8  | 77.9  | 116.9 |
| 89      | 45.8  | 36.2  | 54.2  |

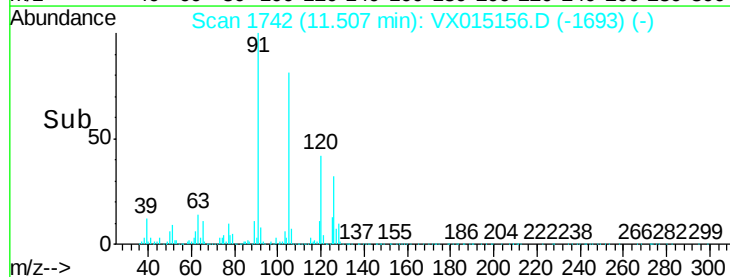
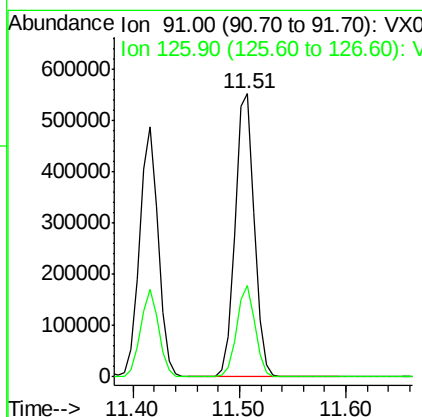
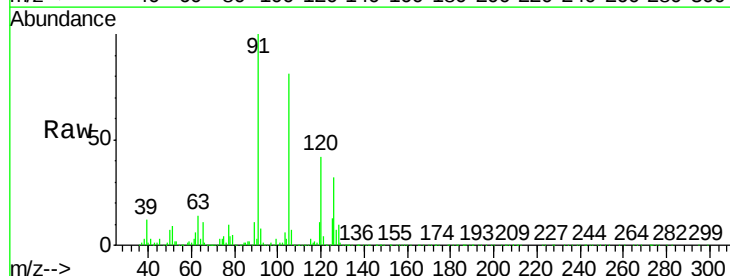
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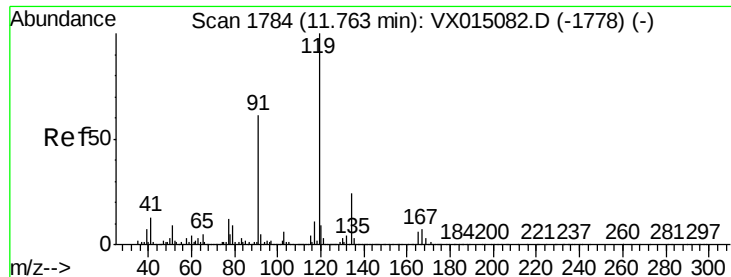
MMDadoda  
3/11/2020 3:21:26 PM



#82  
4-Chlorotoluene  
Concen: 53.161 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.8  | 15.4  | 46.2  |





#83

tert-Butylbenzene

Concen: 53.692 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

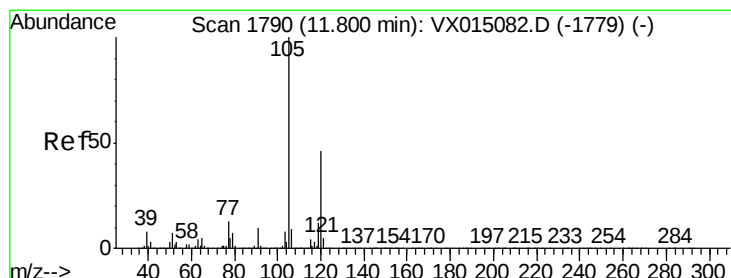
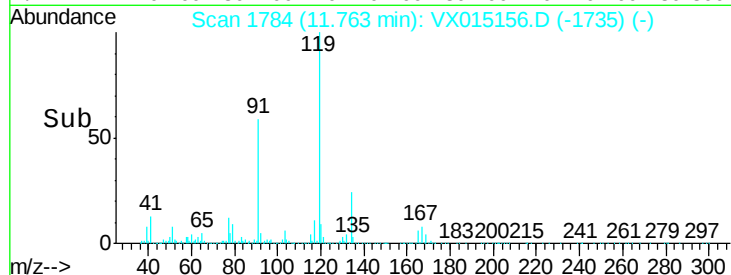
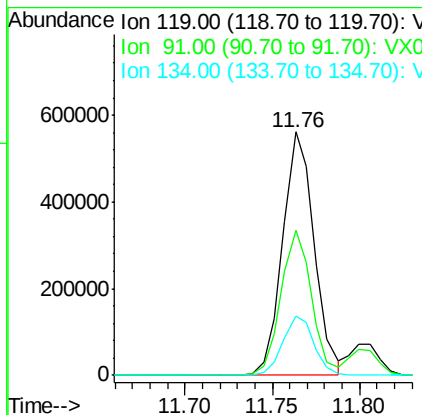
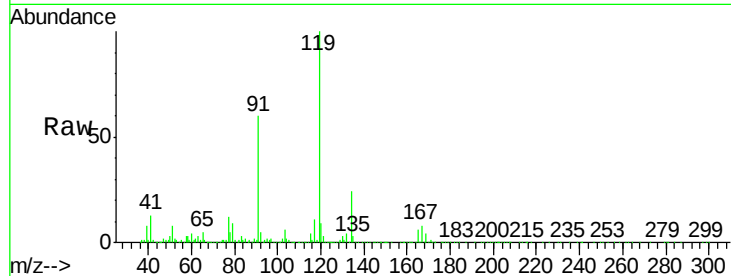
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 706606 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 57.7  | 28.5  | 85.6   |
| 134       | 24.1  | 11.9  | 35.7   |

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#84

1,2,4-Trimethylbenzene

Concen: 54.551 ug/l

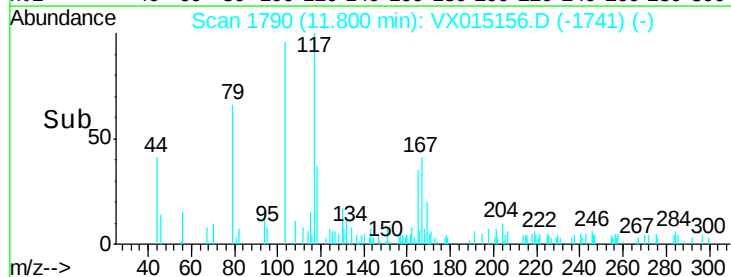
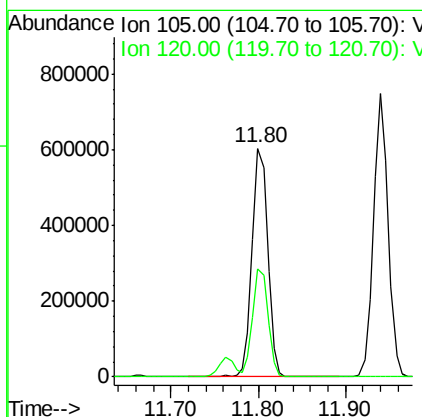
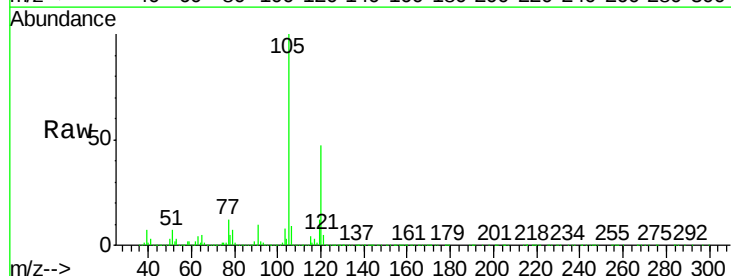
RT: 11.80 min Scan# 1790

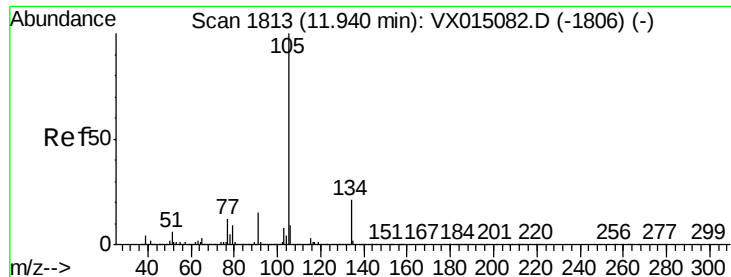
Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 745888 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 46.2  | 22.9  | 68.5   |





#85

sec-Butylbenzene

Concen: 55.420 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 880442

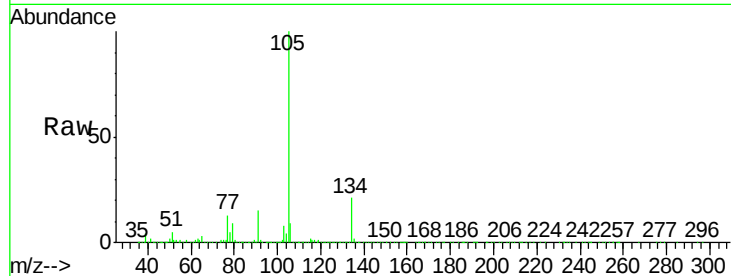
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2

Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

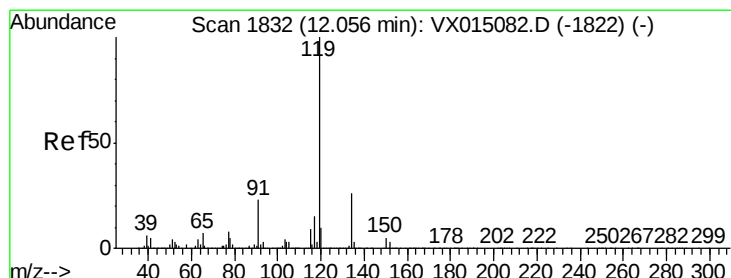
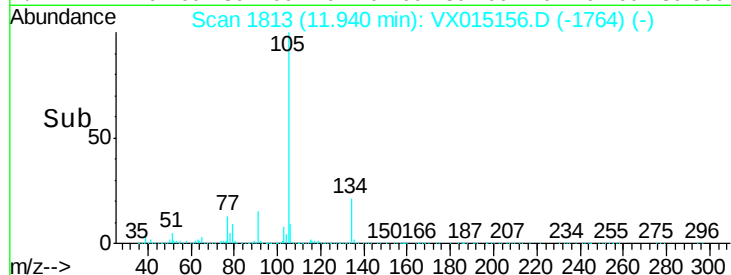
200000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 55.753 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

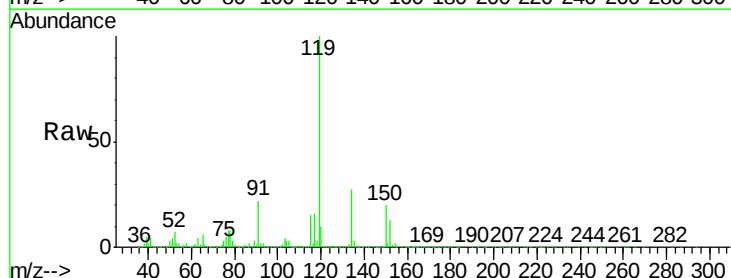
Tgt Ion:119 Resp: 816049

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.7 11.3 33.8



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): V

800000

600000

400000

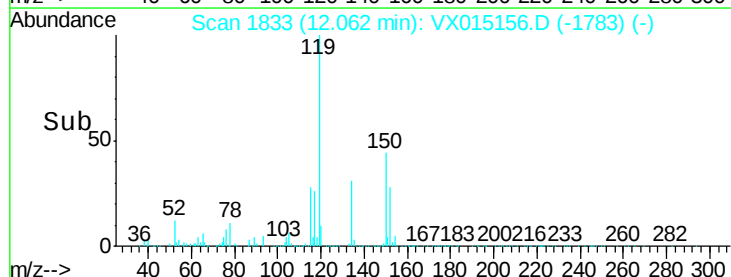
200000

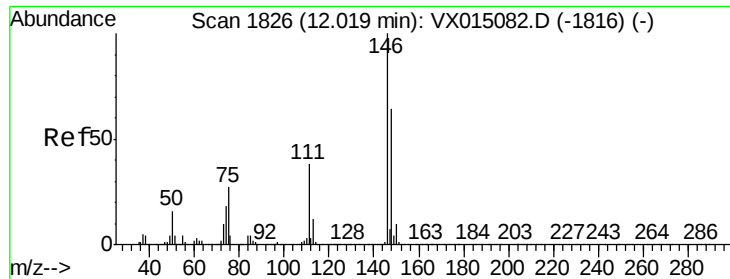
0

12.00

12.10

Time-->





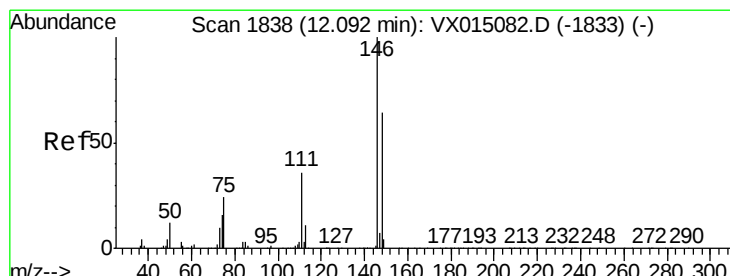
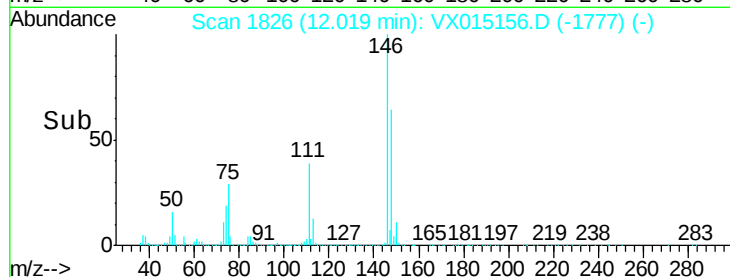
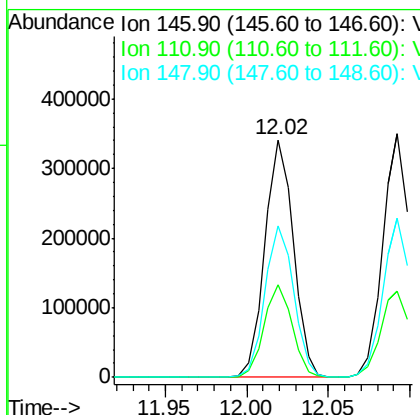
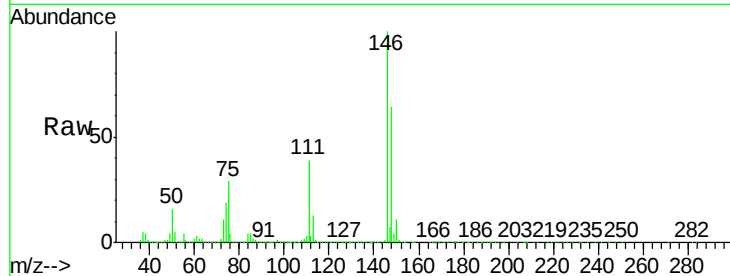
#87  
 1,3-Dichlorobenzene  
 Concen: 51.467 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. -0.00 min  
 Lab File: VX015156.D  
 Acq: 10 Mar 2020 09:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 19.1  | 57.1  |
| 148     | 64.3  | 31.9  | 95.5  |

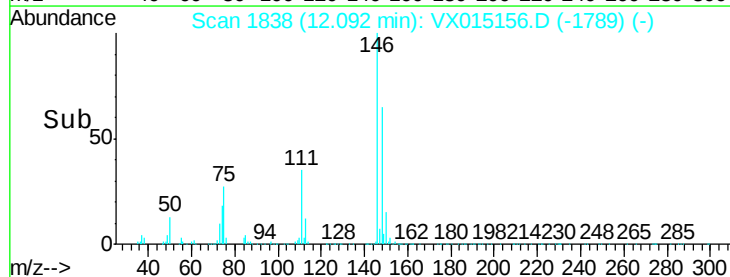
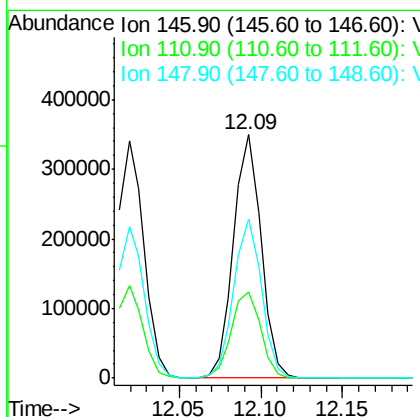
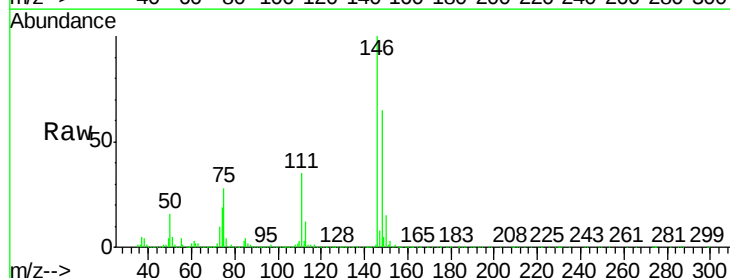
Manual Integrations  
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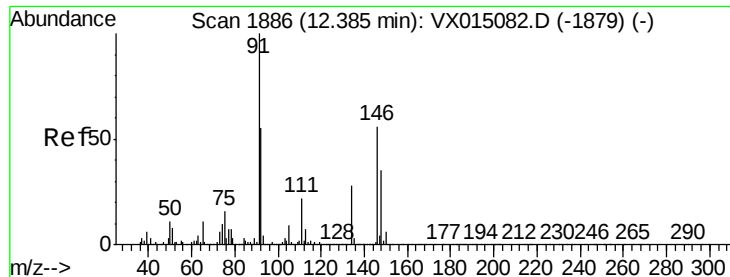
MMDadoda  
 3/11/2020 3:21:26 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 50.069 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. -0.00 min  
 Lab File: VX015156.D  
 Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 18.7  | 56.1  |
| 148     | 65.5  | 32.5  | 97.4  |





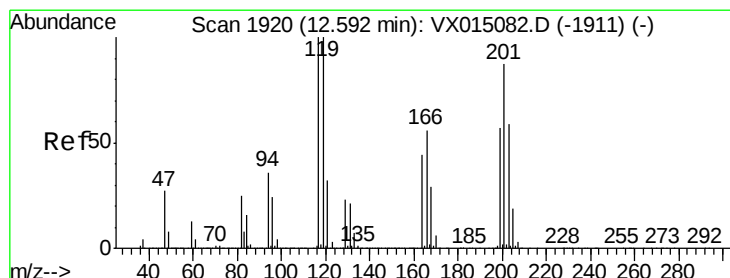
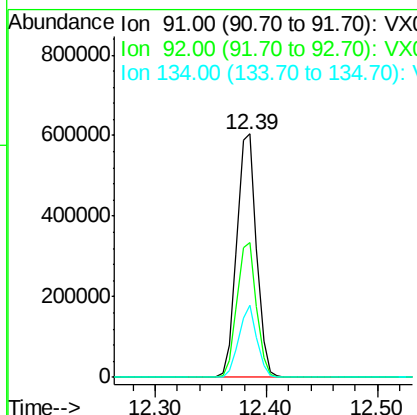
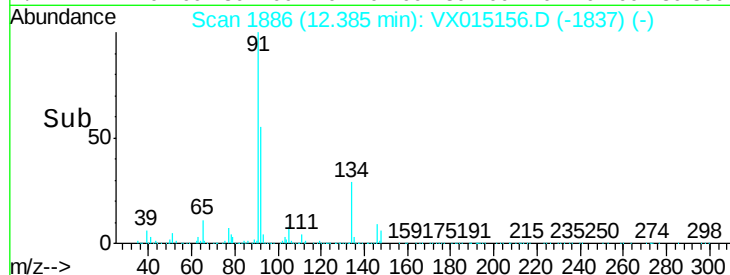
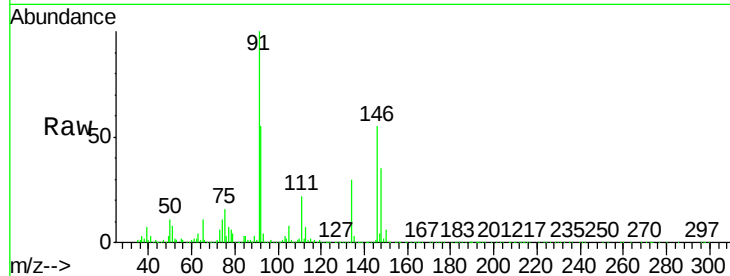
#89  
n-Butylbenzene  
Concen: 56.746 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 738718 |       |       |
| 92      | 54.7  | 27.2   | 81.6  |       |
| 134     | 27.2  | 13.5   | 40.5  |       |

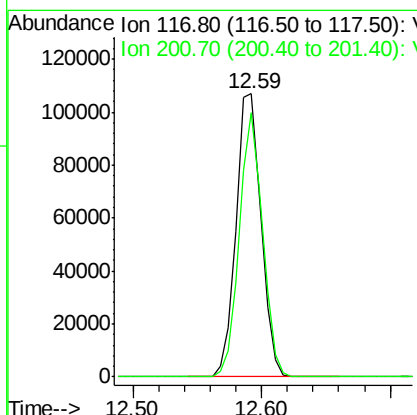
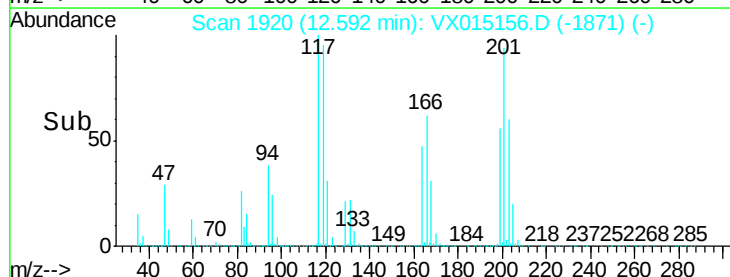
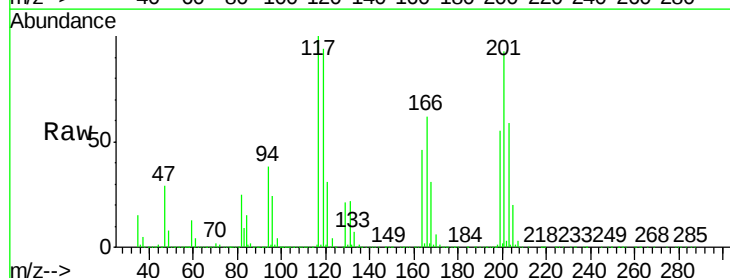
Manual Integrations  
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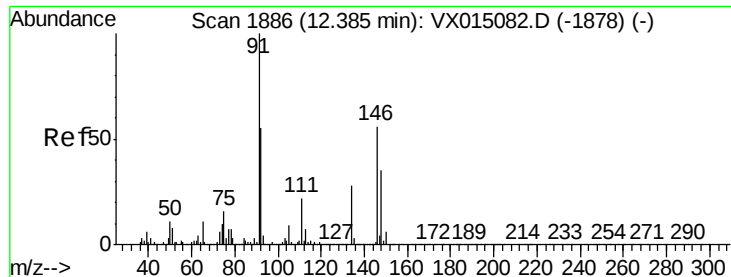
MMDadoda  
3/11/2020 3:21:26 PM



#90  
Hexachloroethane  
Concen: 52.220 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 144501 |       |       |
| 201     | 86.3  | 43.5   | 130.7 |       |





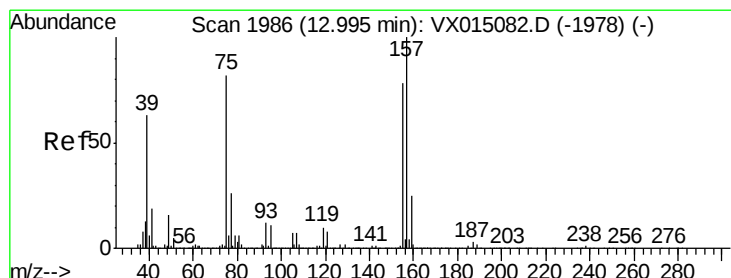
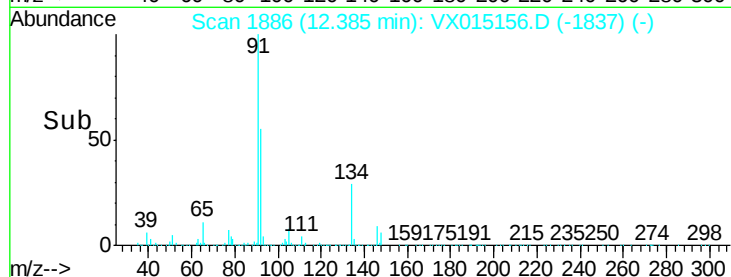
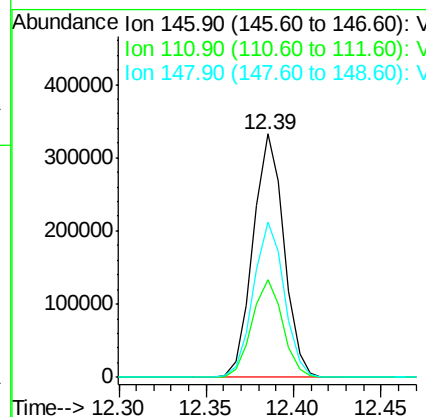
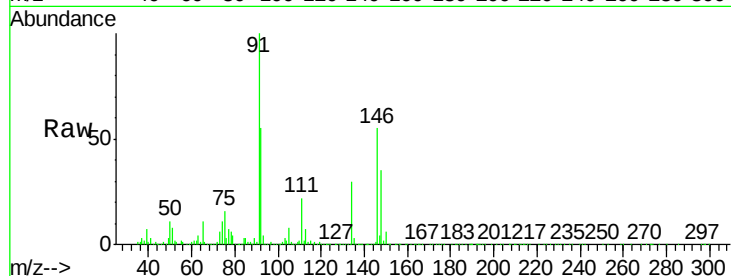
#91  
 1,2-Dichlorobenzene  
 Concen: 51.152 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. -0.00 min  
 Lab File: VX015156.D  
 Acq: 10 Mar 2020 09:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 19.9  | 59.7  |
| 148     | 63.9  | 32.3  | 96.8  |

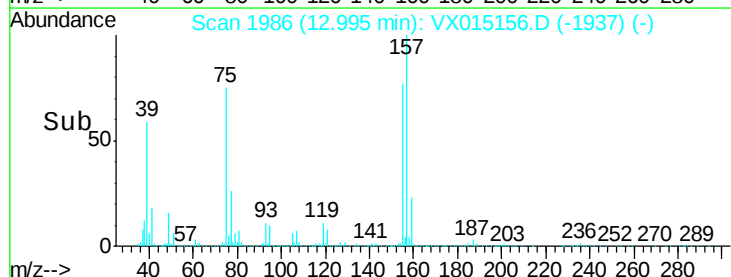
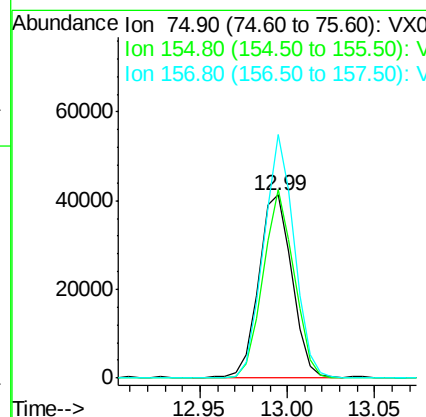
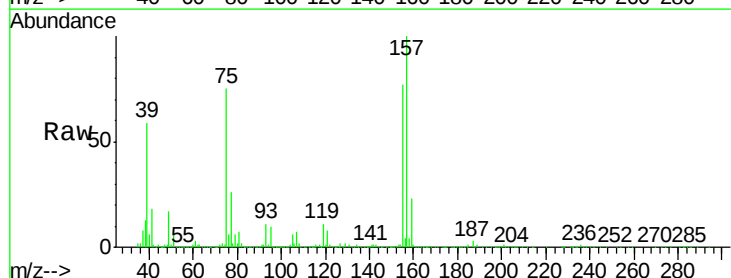
Manual Integrations  
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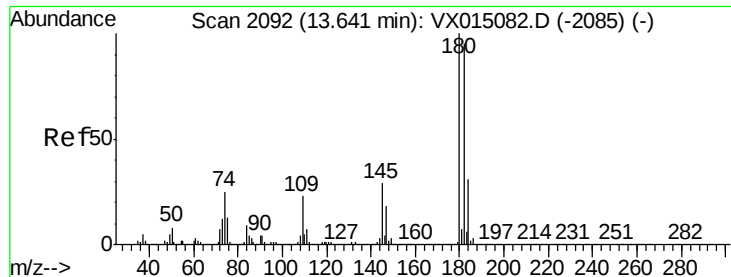
MMDadoda  
 3/11/2020 3:21:26 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.809 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VX015156.D  
 Acq: 10 Mar 2020 09:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 95.2  | 46.6  | 139.7 |
| 157     | 123.3 | 59.2  | 177.5 |





#93

1,2,4-Trichlorobenzene

Concen: 53.662 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

Instrument :

MSVOA\_X

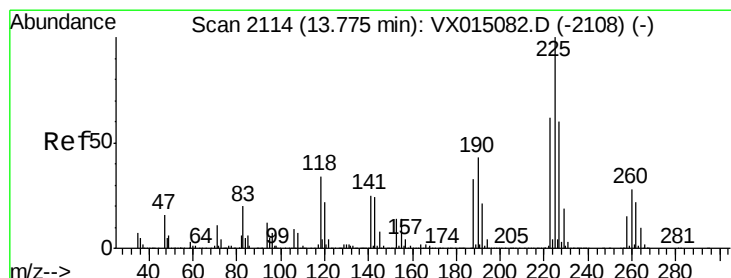
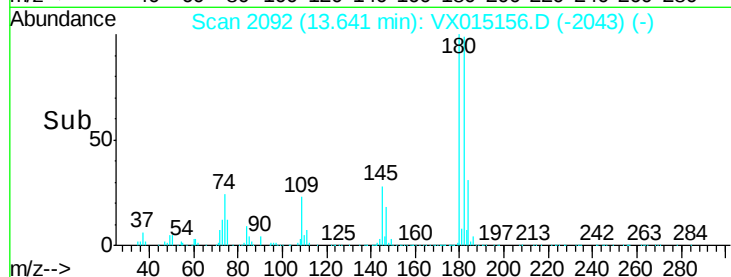
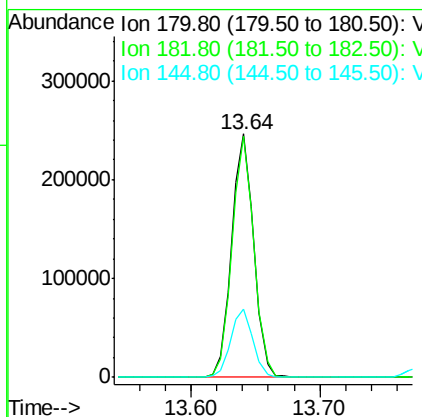
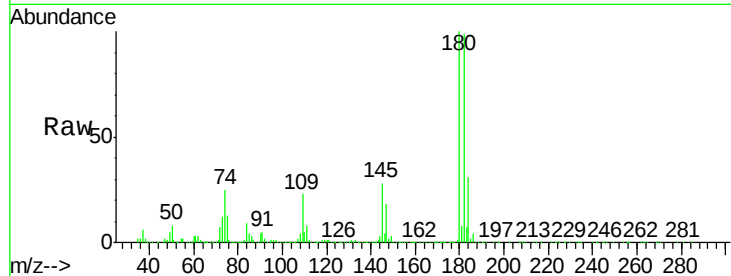
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 296636 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.7  | 47.6  | 142.8  |
| 145       | 28.5  | 14.1  | 42.2   |

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#94

Hexachlorobutadiene

Concen: 51.619 ug/l

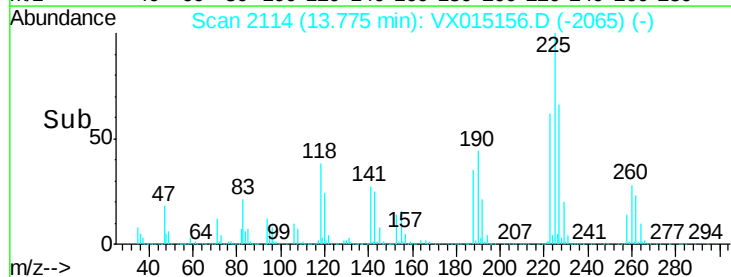
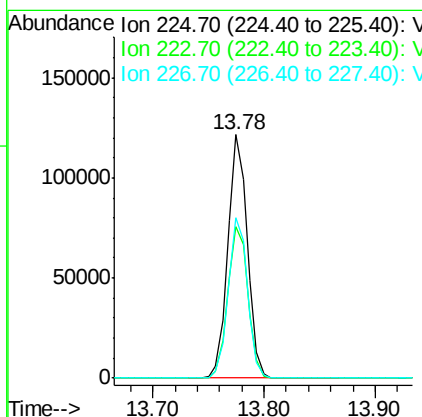
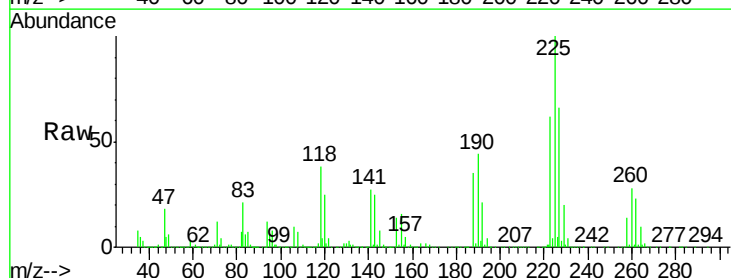
RT: 13.78 min Scan# 2114

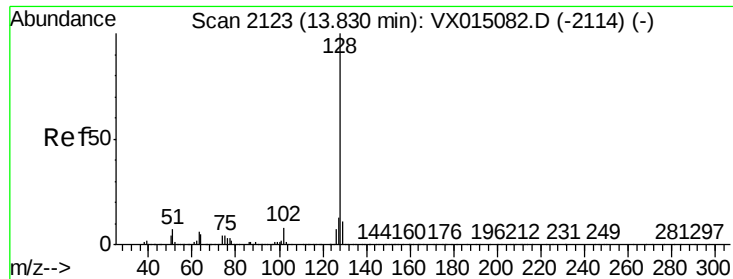
Delta R.T. -0.00 min

Lab File: VX015156.D

Acq: 10 Mar 2020 09:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 146424 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 64.3  | 31.3  | 93.9   |
| 227       | 65.1  | 31.1  | 93.2   |





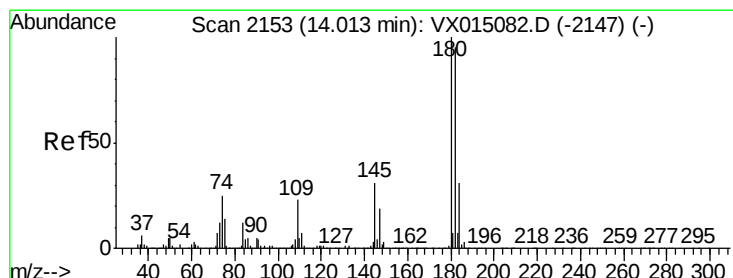
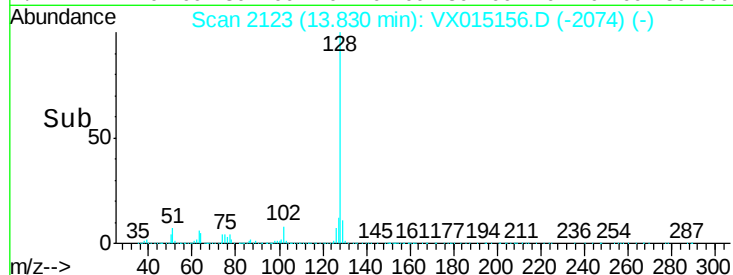
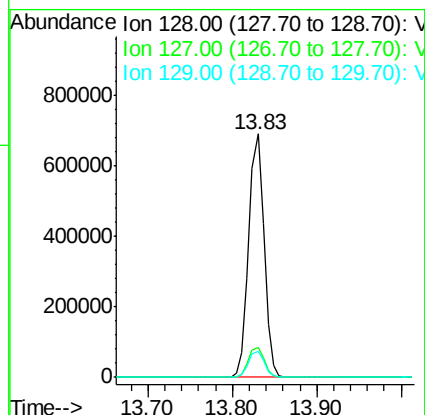
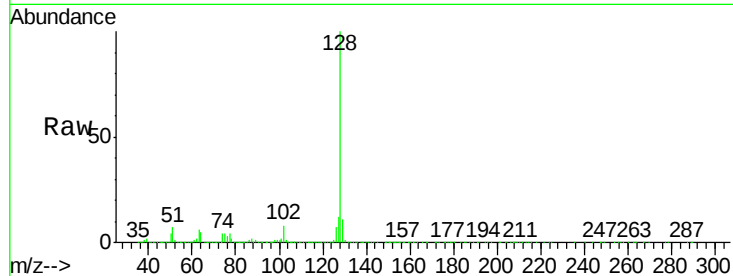
#95  
Naphthalene  
Concen: 49.389 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 836411 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.7  | 10.3  | 15.5   |
| 129       | 10.9  | 8.6   | 13.0   |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 54.135 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. -0.00 min  
Lab File: VX015156.D  
Acq: 10 Mar 2020 09:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 298573 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.4  | 47.8  | 143.4  |
| 145       | 30.5  | 15.1  | 45.3   |

