

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\  
 Data File : VX014879.D  
 Acq On : 10 Feb 2020 11:01  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 2/11/2020 10:36:11 AM

Quant Time: Feb 10 11:37:34 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X021020W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 10 11:22:38 2020  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|-------|------|----------|---------|--------|----------|
| 1) Pentafluorobenzene         | 5.65  | 168  | 463073   | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.85  | 114  | 691991   | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.11 | 117  | 648075   | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.07 | 152  | 343093   | 50.00   | ug/l   | 0.00     |
| System Monitoring Compounds   |       |      |          |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 6.06  | 65   | 248436   | 42.02   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 84.04% |          |
| 35) Dibromofluoromethane      | 5.49  | 113  | 201362   | 40.36   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 80.72% |          |
| 50) Toluene-d8                | 8.71  | 98   | 779079   | 46.17   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 92.34% |          |
| 62) 4-Bromofluorobenzene      | 11.13 | 95   | 282432   | 49.51   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 99.02% |          |
| Target Compounds              |       |      |          |         |        |          |
|                               |       |      |          |         | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.19  | 85   | 238404   | 56.424  | ug/l   | 100      |
| 3) Chloromethane              | 1.32  | 50   | 252398   | 51.762  | ug/l   | 100      |
| 4) Vinyl Chloride             | 1.41  | 62   | 278270   | 52.766  | ug/l   | 100      |
| 5) Bromomethane               | 1.64  | 94   | 164050   | 48.673  | ug/l   | 100      |
| 6) Chloroethane               | 1.72  | 64   | 175057   | 50.776  | ug/l   | 100      |
| 7) Trichlorofluoromethane     | 1.93  | 101  | 378930   | 51.042  | ug/l   | 100      |
| 8) Diethyl Ether              | 2.18  | 74   | 156297   | 50.372  | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38  | 101  | 215783   | 49.209  | ug/l   | 100      |
| 10) Methyl Iodide             | 2.51  | 142  | 239813   | 68.016  | ug/l   | 100      |
| 11) Tert butyl alcohol        | 3.03  | 59   | 231888   | 256.987 | ug/l   | 100      |
| 12) 1,1-Dichloroethene        | 2.37  | 96   | 218130   | 52.069  | ug/l   | 100      |
| 13) Acrolein                  | 2.29  | 56   | 175994   | 252.947 | ug/l   | 100      |
| 14) Allyl chloride            | 2.72  | 41   | 375915   | 50.207  | ug/l   | 100      |
| 15) Acrylonitrile             | 3.13  | 53   | 605928   | 263.036 | ug/l   | 100      |
| 16) Acetone                   | 2.43  | 43   | 738618   | 226.994 | ug/l   | 100      |
| 17) Carbon Disulfide          | 2.57  | 76   | 605982   | 52.245  | ug/l   | 100      |
| 18) Methyl Acetate            | 2.76  | 43   | 270424   | 52.602  | ug/l   | 100      |
| 19) Methyl tert-butyl Ether   | 3.19  | 73   | 710210   | 52.372  | ug/l   | 100      |
| 20) Methylene Chloride        | 2.85  | 84   | 238948   | 46.316  | ug/l   | 100      |
| 21) trans-1,2-Dichloroethene  | 3.16  | 96   | 236652   | 50.702  | ug/l   | 100      |
| 22) Diisopropyl ether         | 3.84  | 45   | 746152   | 52.555  | ug/l   | 100      |
| 23) Vinyl Acetate             | 3.81  | 43   | 3131530  | 266.438 | ug/l   | 100      |
| 24) 1,1-Dichloroethane        | 3.69  | 63   | 410869   | 50.945  | ug/l   | 100      |
| 25) 2-Butanone                | 4.65  | 43   | 931407   | 264.386 | ug/l   | 100      |
| 26) 2,2-Dichloropropane       | 4.58  | 77   | 350173   | 50.392  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene    | 4.59  | 96   | 264913   | 51.170  | ug/l   | 100      |
| 28) Bromochloromethane        | 5.01  | 49   | 157279   | 58.146  | ug/l   | 100      |
| 29) Tetrahydrofuran           | 5.11  | 42   | 538661   | 273.370 | ug/l   | 100      |
| 30) Chloroform                | 5.20  | 83   | 412008   | 51.380  | ug/l   | 100      |
| 31) Cyclohexane               | 5.58  | 56   | 375093   | 53.100  | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane     | 5.49  | 97   | 360729   | 52.073  | ug/l   | 100      |
| 36) 1,1-Dichloropropene       | 5.79  | 75   | 319369   | 52.508  | ug/l   | 100      |
| 37) Ethyl Acetate             | 4.82  | 43   | 334049   | 52.579  | ug/l   | 100      |
| 38) Carbon Tetrachloride      | 5.78  | 117  | 315117   | 53.567  | ug/l   | 100      |

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 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 2/11/2020 10:36:11 AM

Quant Time: Feb 10 11:37:34 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X021020W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 10 11:22:38 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 394904   | 51.463   | ug/l  | 100      |
| 40) Benzene                    | 6.14  | 78   | 938719   | 51.029   | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.03  | 41   | 186651   | 55.678   | ug/l  | 100      |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 339596   | 50.595   | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.43  | 43   | 551250   | 53.289   | ug/l  | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 269073   | 50.437   | ug/l  | 100      |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 240676   | 51.448   | ug/l  | 100      |
| 46) Dibromomethane             | 7.65  | 93   | 162533   | 50.646   | ug/l  | 100      |
| 47) Bromodichloromethane       | 7.89  | 83   | 328063   | 52.435   | ug/l  | 100      |
| 48) Methyl methacrylate        | 7.76  | 41   | 277697   | 55.396   | ug/l  | 100      |
| 49) 1,4-Dioxane                | 7.73  | 88   | 99183    | 1021.043 | ug/l  | 100      |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 1686196  | 269.319  | ug/l  | 100      |
| 52) Toluene                    | 8.78  | 92   | 601276   | 51.843   | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 366982   | 54.937   | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 402962   | 53.701   | ug/l  | 100      |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 242203   | 51.509   | ug/l  | 100      |
| 56) Ethyl methacrylate         | 9.17  | 69   | 380029   | 56.220   | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 405141   | 51.059   | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 950851   | 259.780  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 1354509  | 277.227  | ug/l  | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 271509   | 55.659   | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 259314   | 50.966   | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.33  | 164  | 306889   | 51.656   | ug/l  | 100      |
| 65) Chlorobenzene              | 10.14 | 112  | 658350   | 50.158   | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 244363   | 52.385   | ug/l  | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 1161251  | 52.839   | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 885276   | 104.869  | ug/l  | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 426481   | 52.722   | ug/l  | 100      |
| 70) Styrene                    | 10.71 | 104  | 740043   | 55.153   | ug/l  | 100      |
| 71) Bromoform                  | 10.85 | 173  | 213529   | 57.150   | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.01 | 105  | 1149931  | 53.713   | ug/l  | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 493958   | 58.499   | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 356352   | 50.550   | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 302699m  | 40.817   | ug/l  |          |
| 77) Bromobenzene               | 11.25 | 156  | 304766   | 50.691   | ug/l  | 100      |
| 78) n-propylbenzene            | 11.35 | 91   | 1315831  | 53.345   | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 757120   | 51.875   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 961822   | 54.775   | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 129939   | 62.701   | ug/l  | 100      |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 902121   | 52.525   | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 884348   | 52.551   | ug/l  | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 965939   | 54.283   | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1113810  | 53.402   | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 1051834  | 54.123   | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 553869   | 51.565   | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 553330   | 51.371   | ug/l  | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 942466   | 54.781   | ug/l  | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 182969   | 55.243   | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 536509   | 51.104   | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 82169    | 49.221   | ug/l  | 100      |

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Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
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VSTDICCC050

Manual Integrations  
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2/11/2020 10:36:11 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X021020W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 10 11:22:38 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 402448   | 52.800 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 195036   | 51.965 | ug/l  | 100      |
| 95) Naphthalene            | 13.83 | 128  | 1149611  | 58.293 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 398304   | 53.913 | ug/l  | 100      |

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

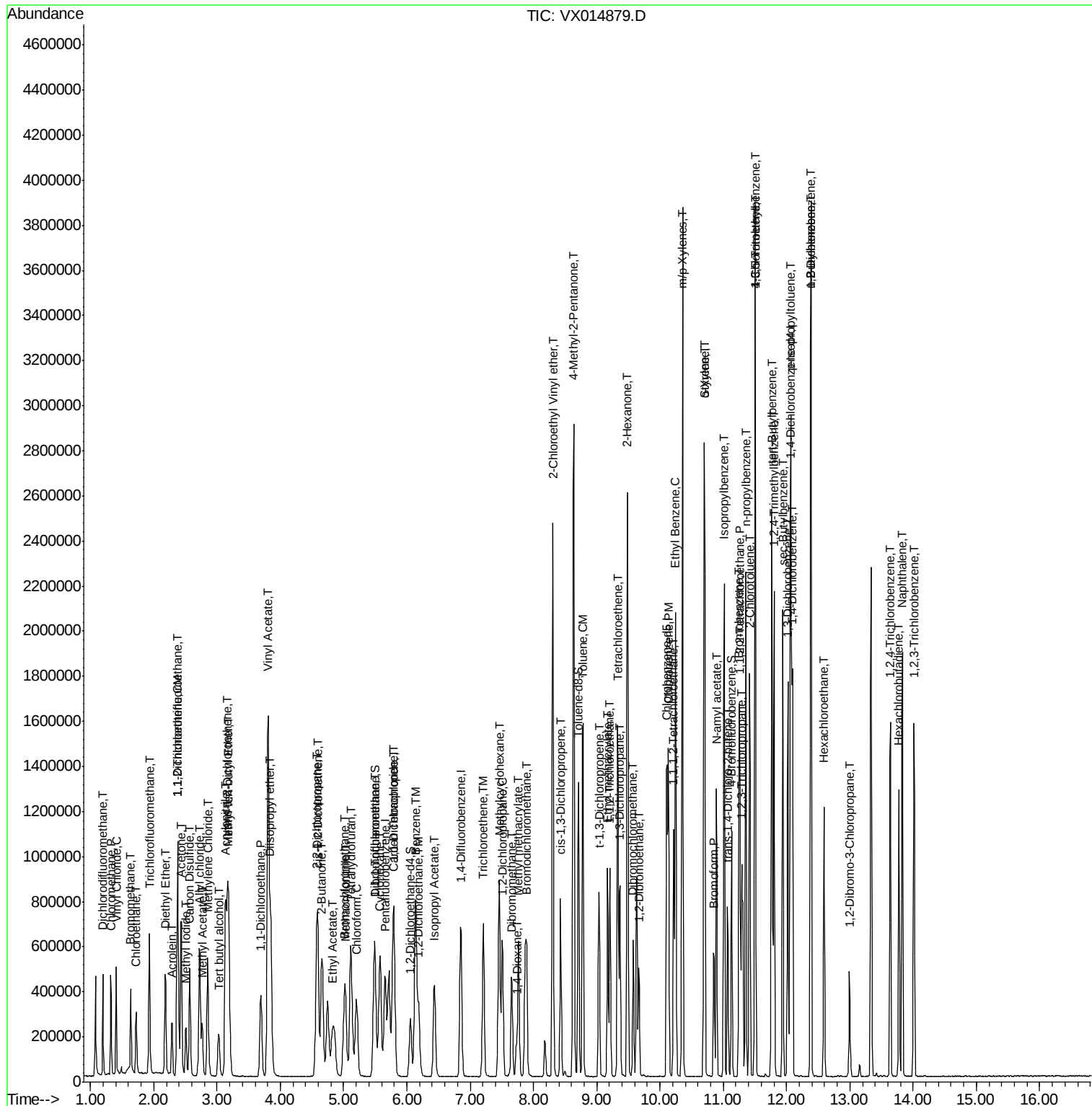
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Data File : VX014879.D  
Acq On : 10 Feb 2020 11:01  
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Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

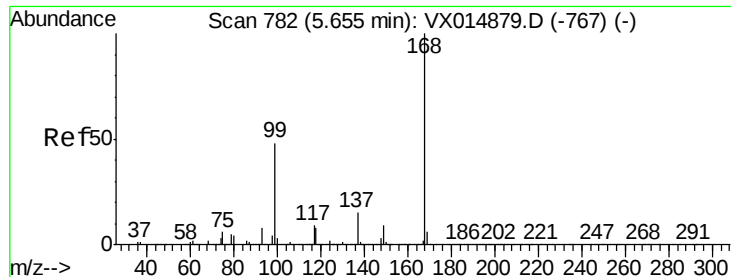
Instrument :  
MSVOA\_X  
ClientSampleID :  
VSTDICCC050

Manual Integrations  
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2/11/2020 10:36:11 AM

Quant Time: Feb 10 11:37:34 2020  
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Quant Title : SW846 8260  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 463073

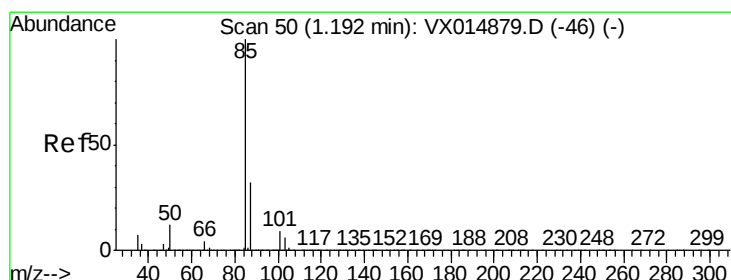
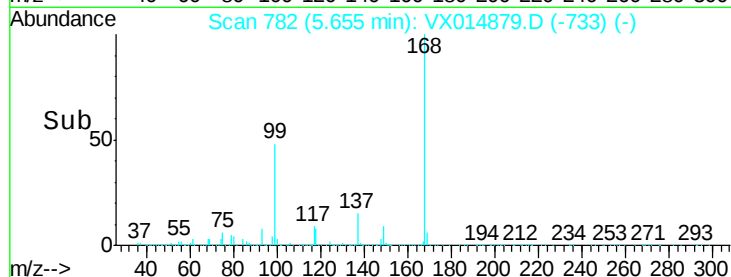
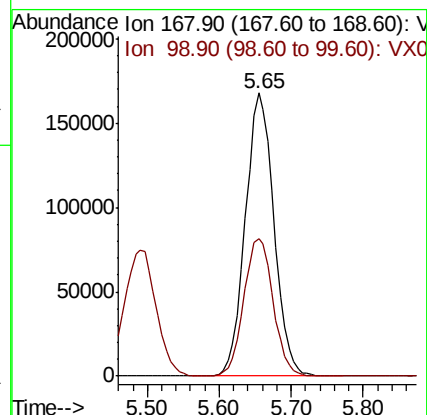
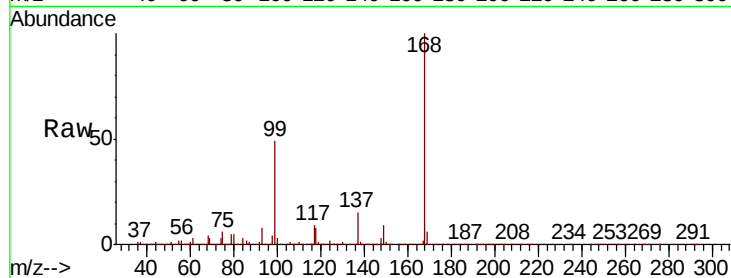
Ion Ratio Lower Upper

168 100

99 48.4 38.7 58.1

Manual Integrations  
APPROVED

MMDadoda  
2/11/2020 10:36:11 AM



#2

Dichlorodifluoromethane

Concen: 56.424 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014879.D

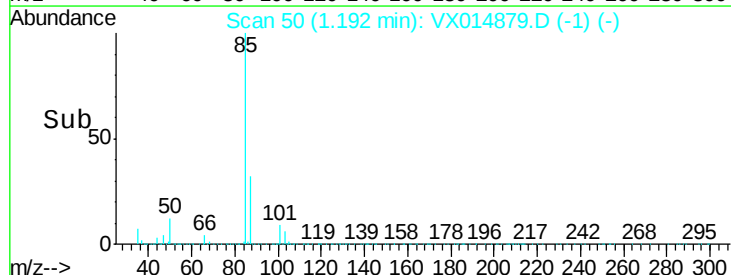
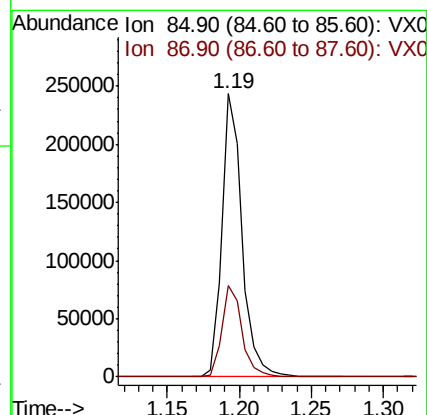
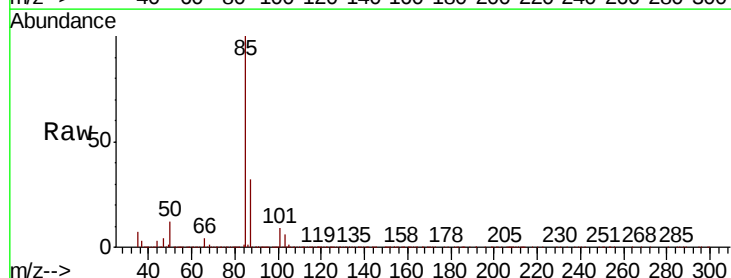
Acq: 10 Feb 2020 11:01

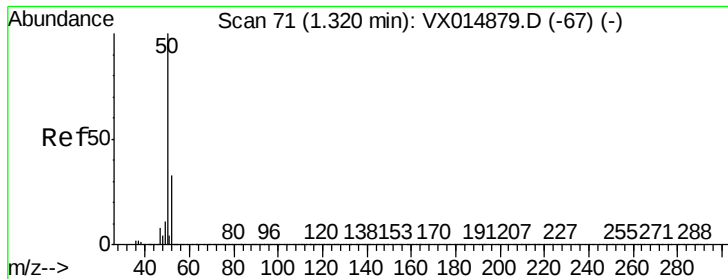
Tgt Ion: 85 Resp: 238404

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2





#3

Chloromethane

Concen: 51.762 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 252398

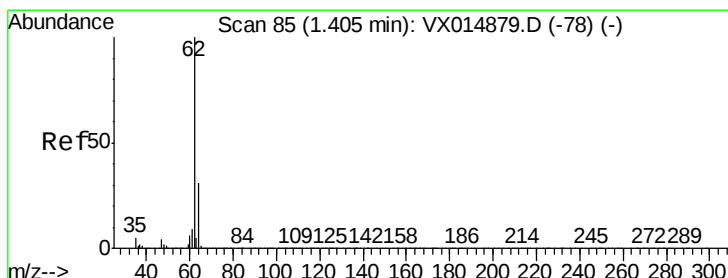
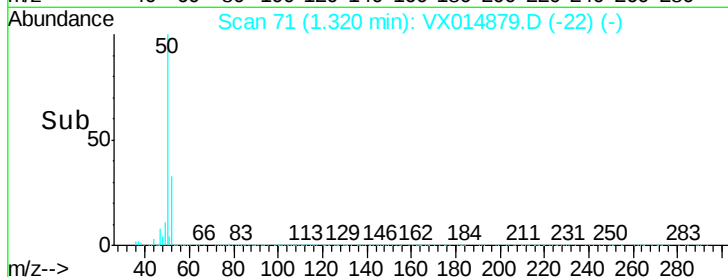
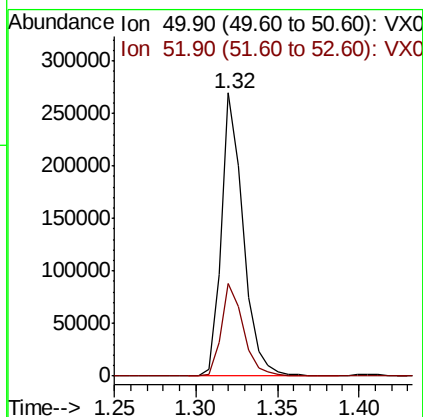
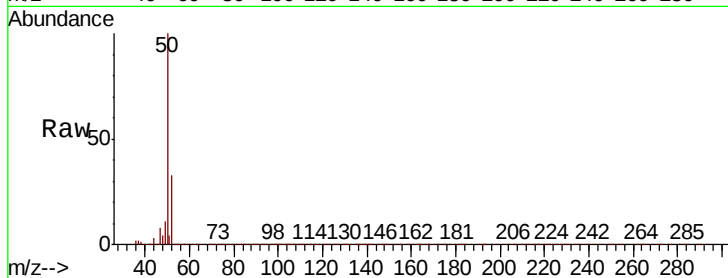
Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2

Manual Integrations  
APPROVED

MMDadoda  
2/11/2020 10:36:11 AM



#4

Vinyl Chloride

Concen: 52.766 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.00 min

Lab File: VX014879.D

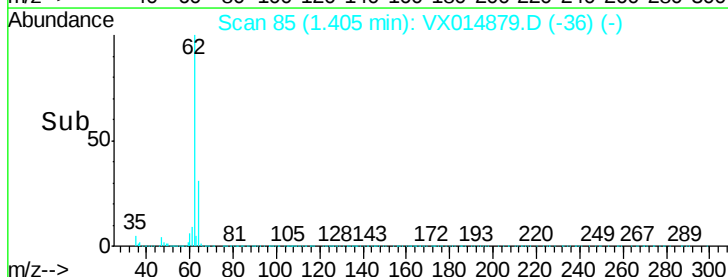
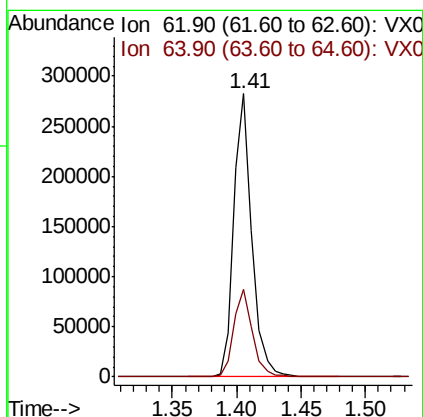
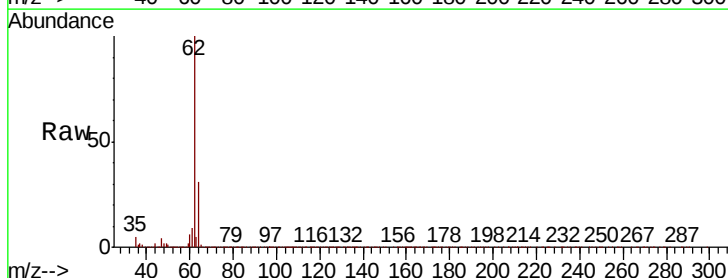
Acq: 10 Feb 2020 11:01

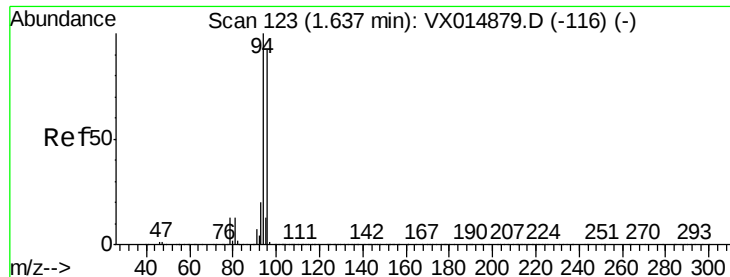
Tgt Ion: 62 Resp: 278270

Ion Ratio Lower Upper

62 100

64 31.0 24.8 37.2





#5

Bromomethane

Concen: 48.673 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 164050

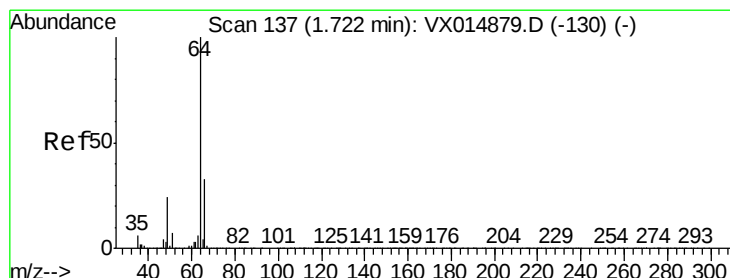
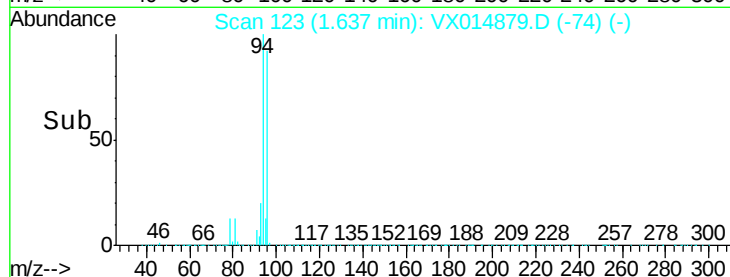
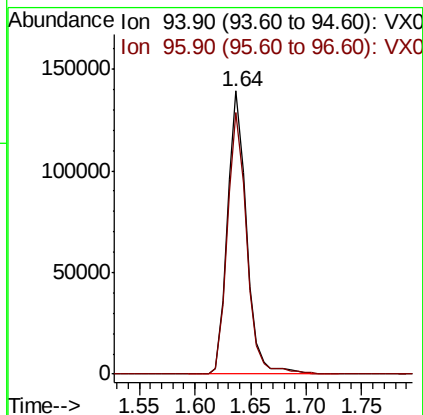
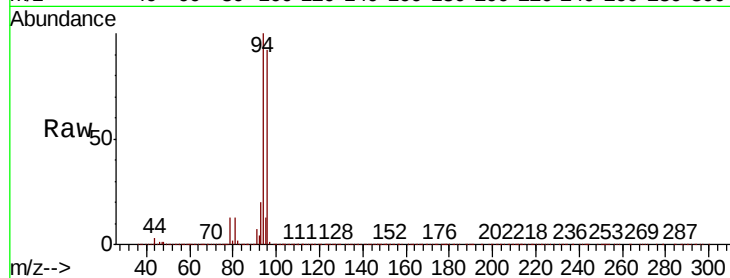
Ion Ratio Lower Upper

94 100

96 92.1 73.7 110.5

Manual Integrations  
APPROVED

MMDadoda  
2/11/2020 10:36:11 AM



#6

Chloroethane

Concen: 50.776 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014879.D

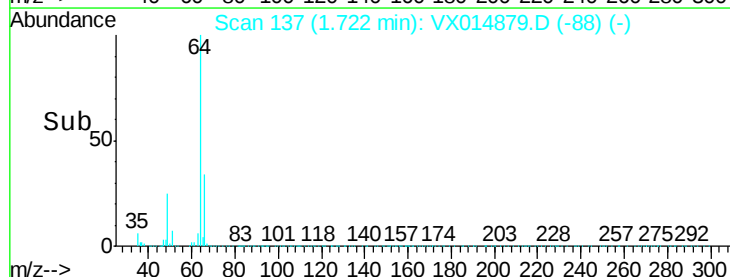
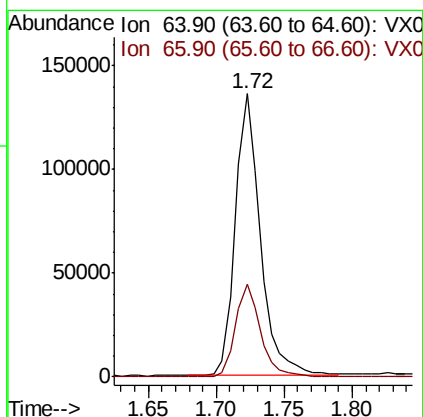
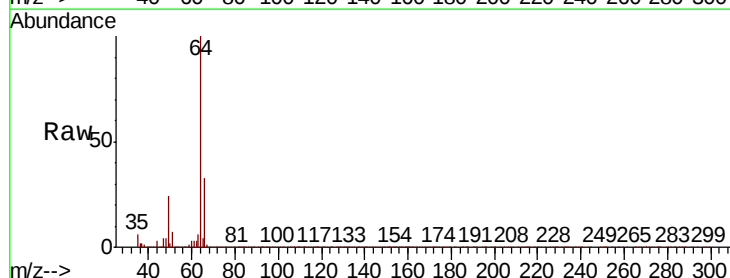
Acq: 10 Feb 2020 11:01

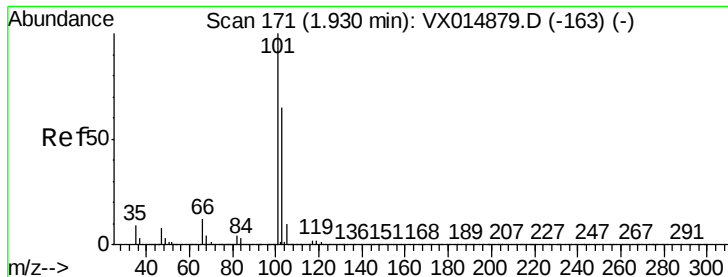
Tgt Ion: 64 Resp: 175057

Ion Ratio Lower Upper

64 100

66 32.8 26.2 39.4





#7

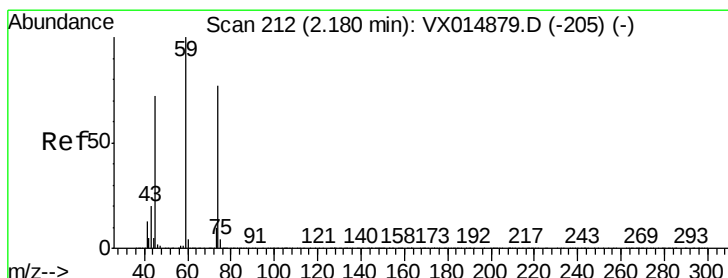
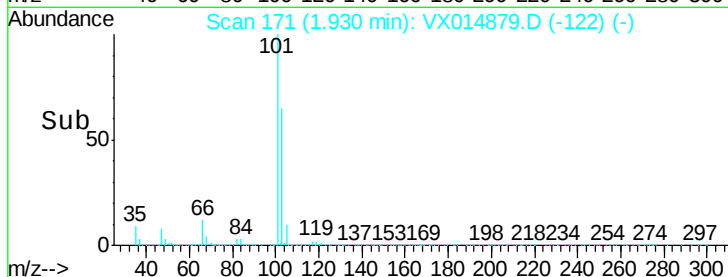
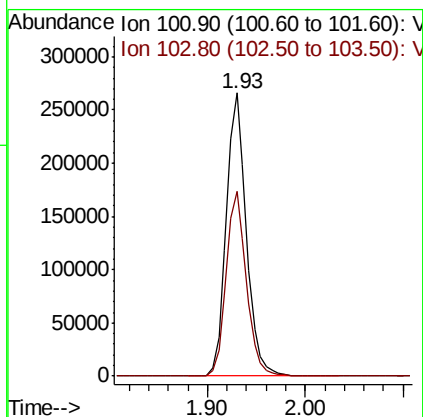
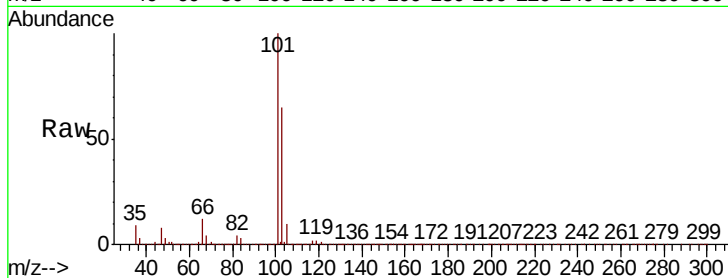
Trichlorofluoromethane  
 Concen: 51.042 ug/l  
 RT: 1.93 min Scan# 171  
 Delta R.T. 0.00 min  
 Lab File: VX014879.D  
 Acq: 10 Feb 2020 11:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.3  | 52.2  | 78.4  |

Manual Integrations  
 APPROVED

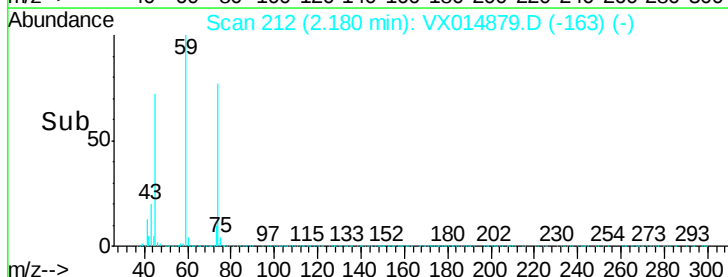
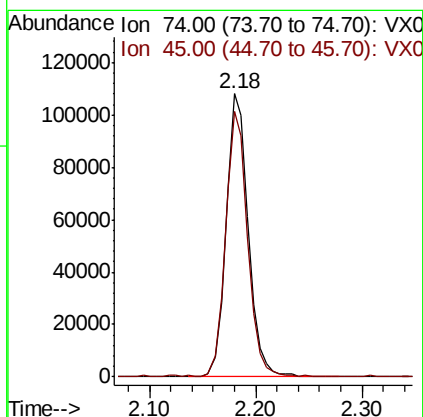
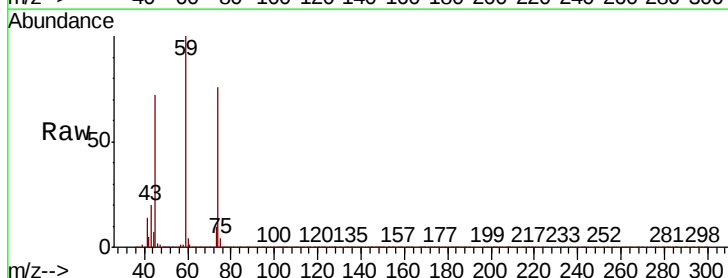
MMDadoda  
 2/11/2020 10:36:11 AM

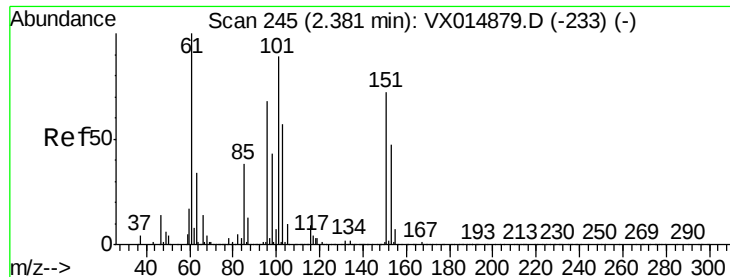


#8

Diethyl Ether  
 Concen: 50.372 ug/l  
 RT: 2.18 min Scan# 212  
 Delta R.T. 0.00 min  
 Lab File: VX014879.D  
 Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 93.2  | 46.6  | 139.8 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.209 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

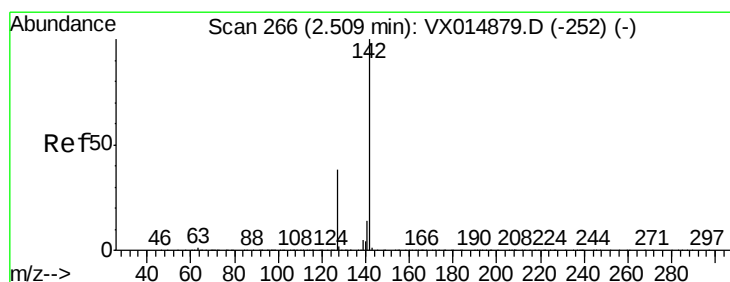
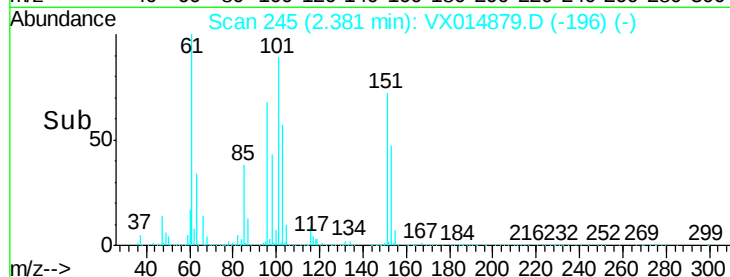
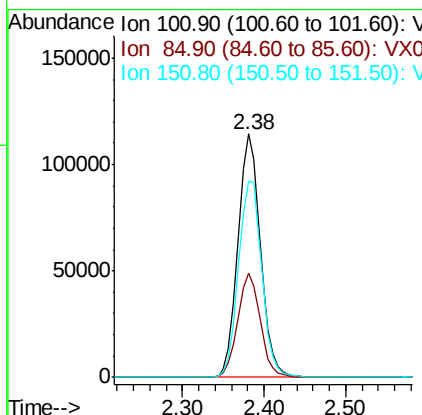
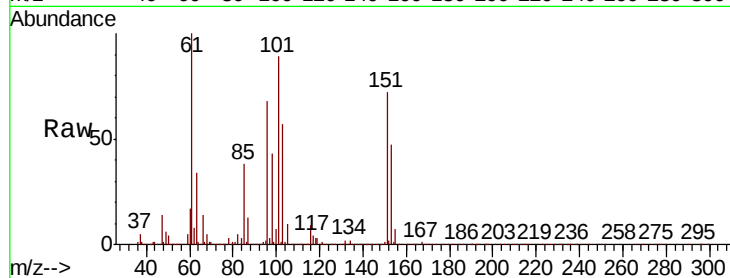
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 215783 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.6  | 34.1  | 51.1   |
| 151       | 84.1  | 67.3  | 100.9  |

Manual Integrations  
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2/11/2020 10:36:11 AM



#10

Methyl Iodide

Concen: 68.016 ug/l

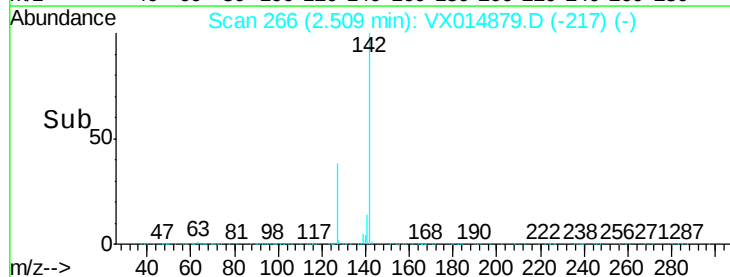
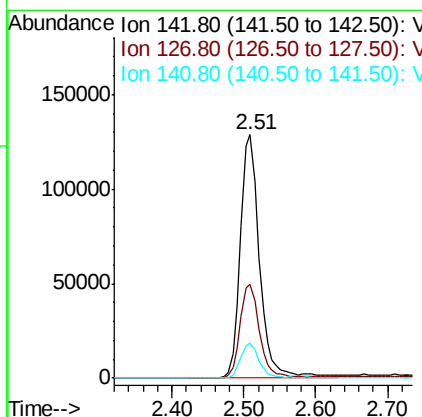
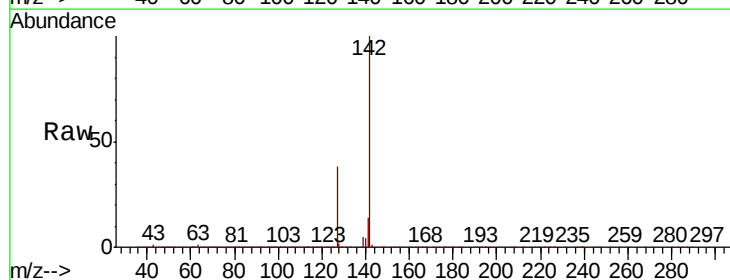
RT: 2.51 min Scan# 266

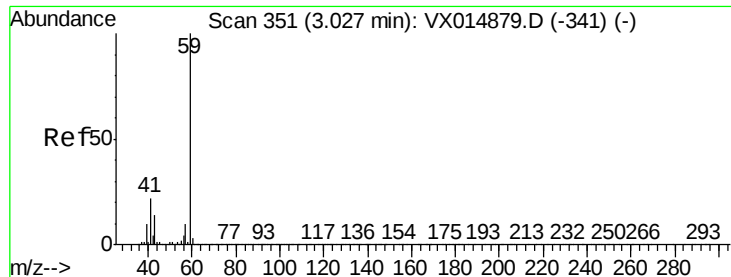
Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 239813 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 38.9  | 31.1  | 46.7   |
| 141       | 14.1  | 11.3  | 16.9   |





#11

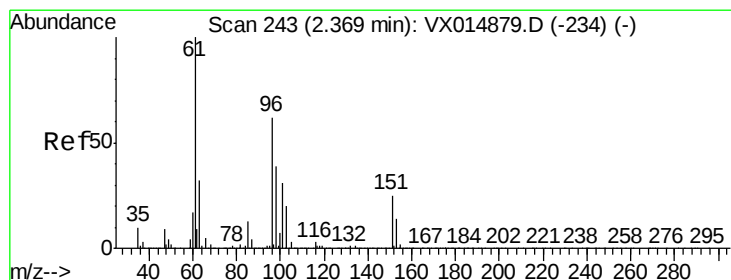
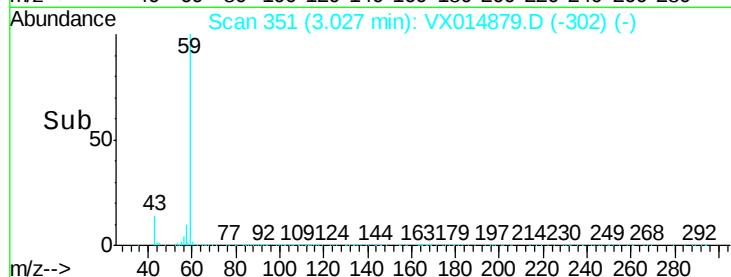
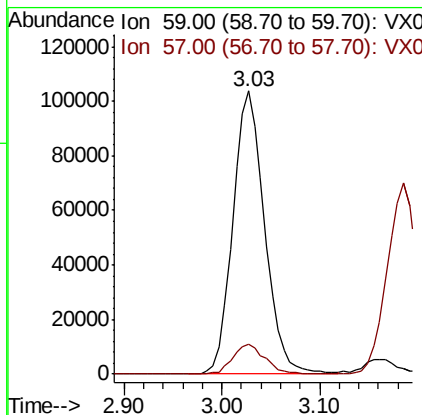
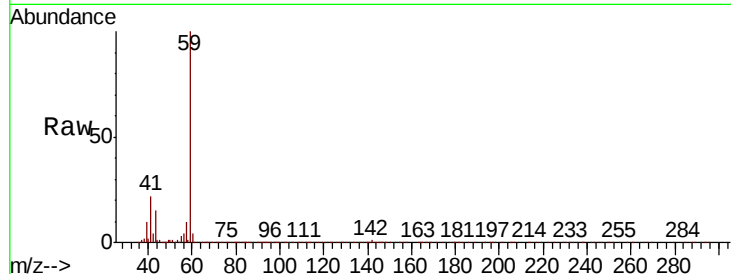
Tert butyl alcohol  
Concen: 256.987 ug/l  
RT: 3.03 min Scan# 351  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.3  | 8.2   | 12.4  |

Manual Integrations  
APPROVED

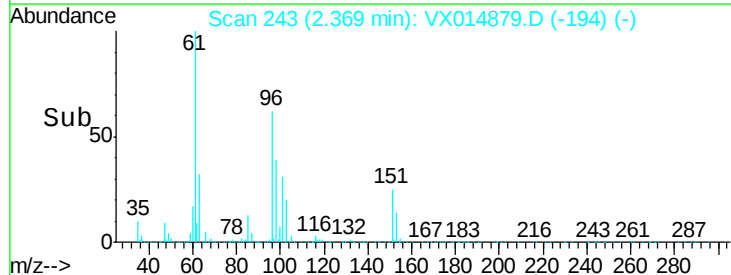
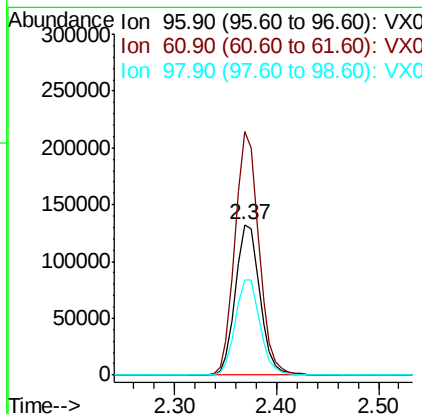
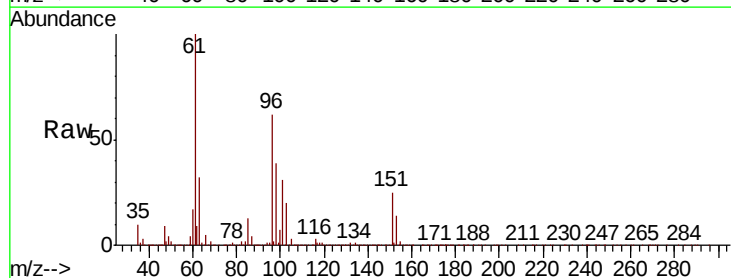
MMDadoda  
2/11/2020 10:36:11 AM

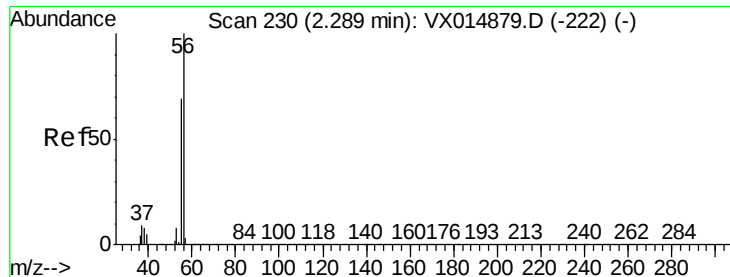


#12

1,1-Dichloroethene  
Concen: 52.069 ug/l  
RT: 2.37 min Scan# 243  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 161.9 | 129.5 | 194.3 |
| 98      | 63.3  | 50.6  | 76.0  |





#13

Acrolein

Concen: 252.947 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 175994

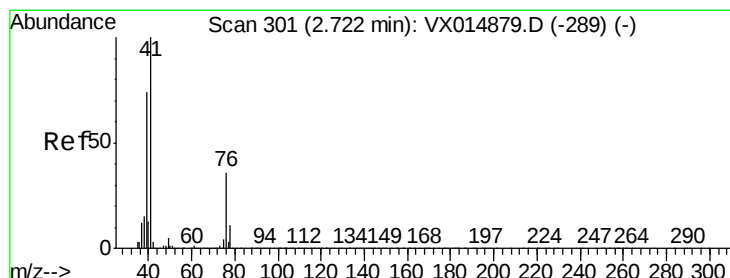
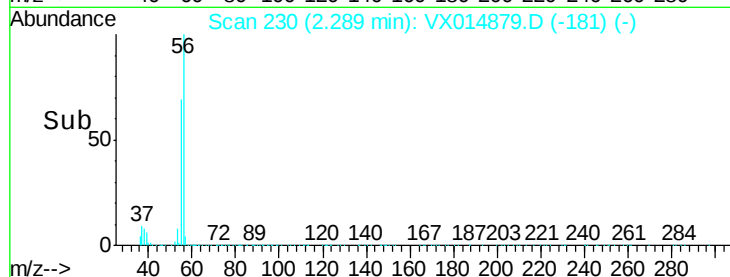
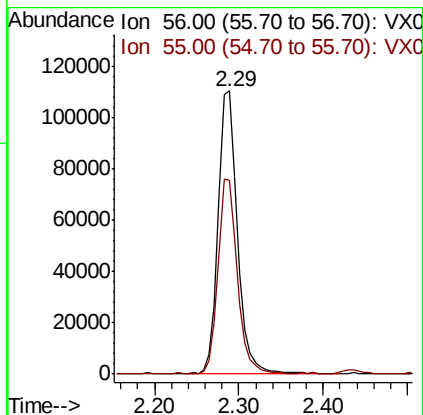
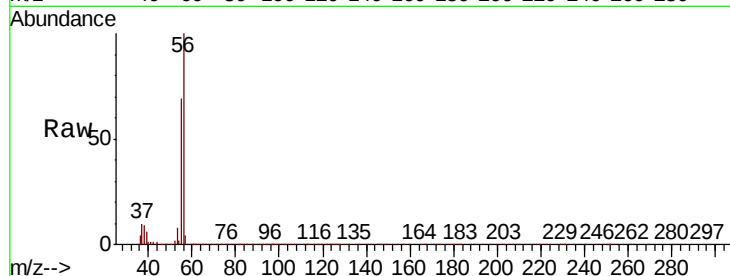
Ion Ratio Lower Upper

56 100

55 68.7 55.0 82.4

Manual Integrations  
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MMDadoda  
2/11/2020 10:36:11 AM



#14

Allyl chloride

Concen: 50.207 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

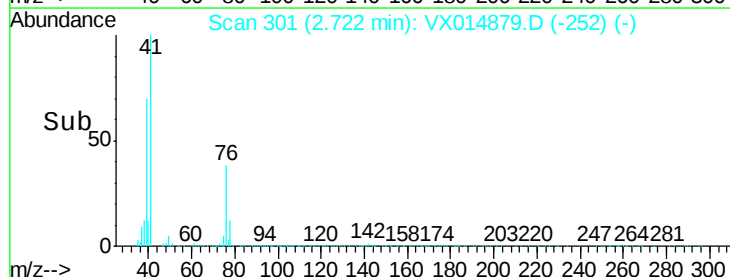
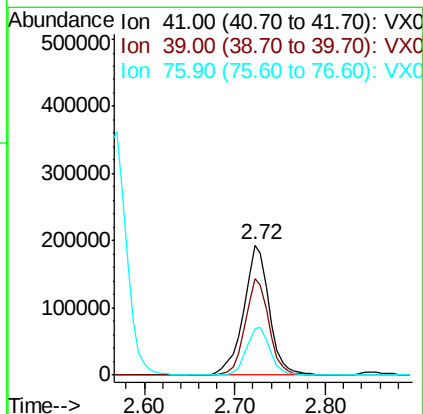
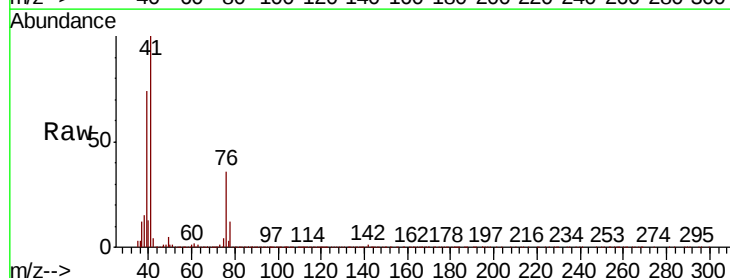
Tgt Ion: 41 Resp: 375915

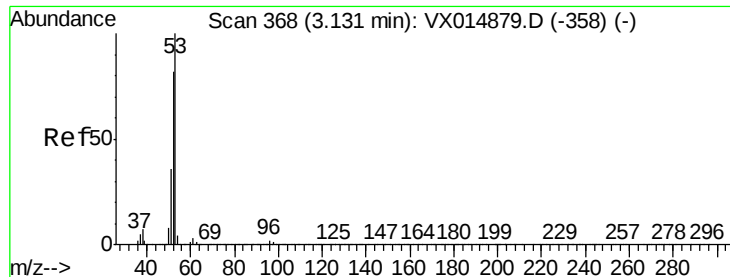
Ion Ratio Lower Upper

41 100

39 69.0 55.2 82.8

76 33.5 26.8 40.2





#15

Acrylonitrile

Concen: 263.036 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

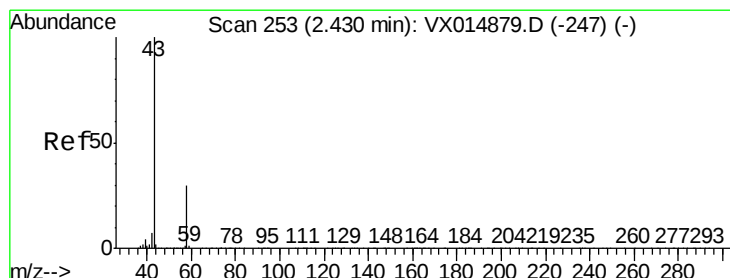
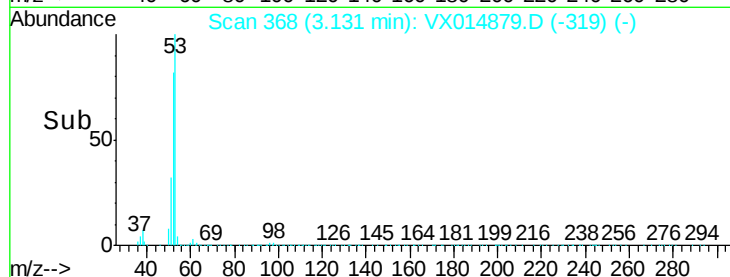
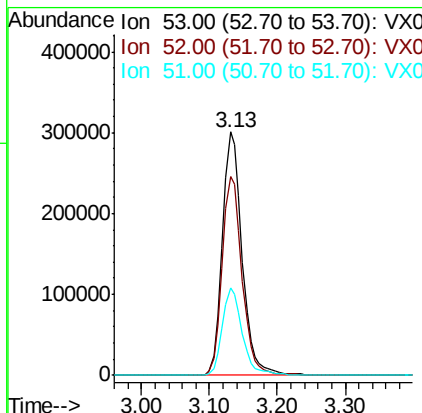
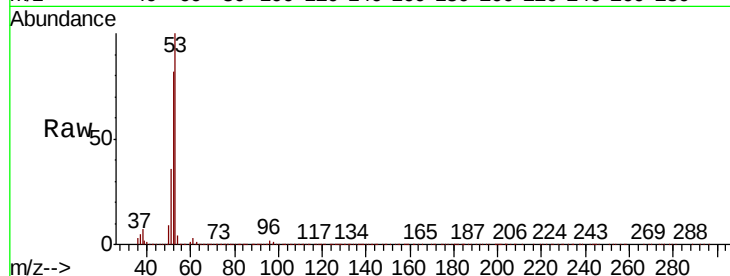
ClientSampleId :

VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.2  | 65.8  | 98.6  |
| 51      | 36.4  | 29.1  | 43.7  |

Manual Integrations  
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2/11/2020 10:36:11 AM



#16

Acetone

Concen: 226.994 ug/l

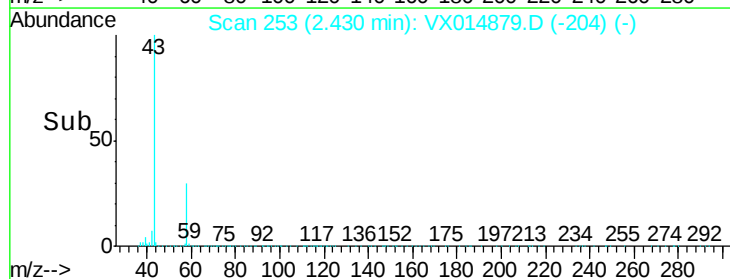
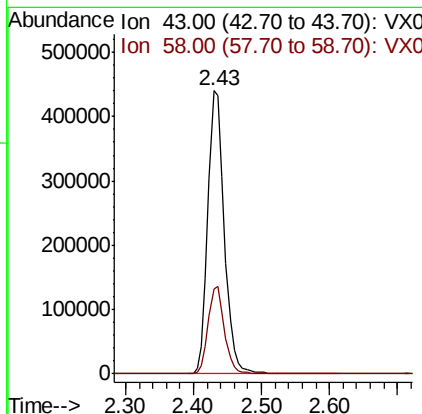
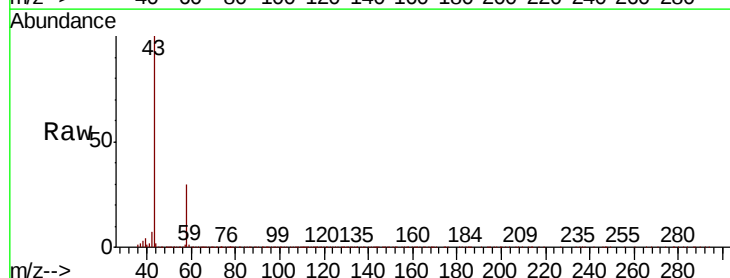
RT: 2.43 min Scan# 253

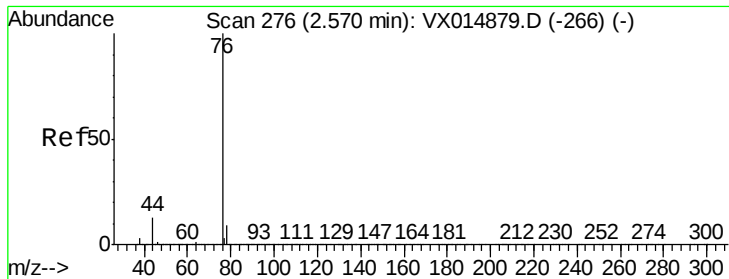
Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 30.1  | 24.1  | 36.1  |





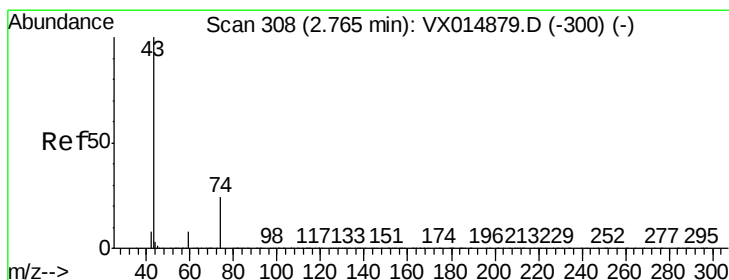
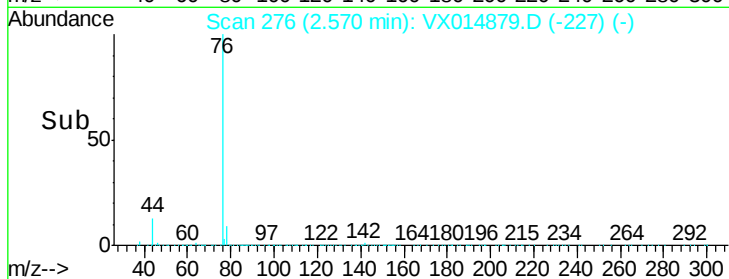
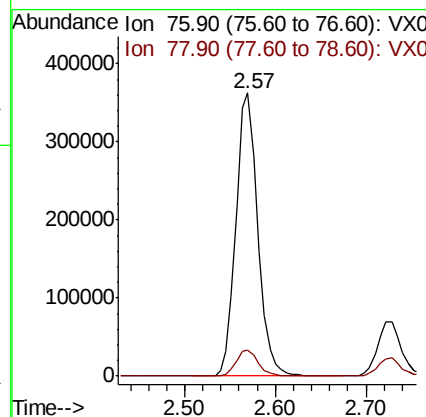
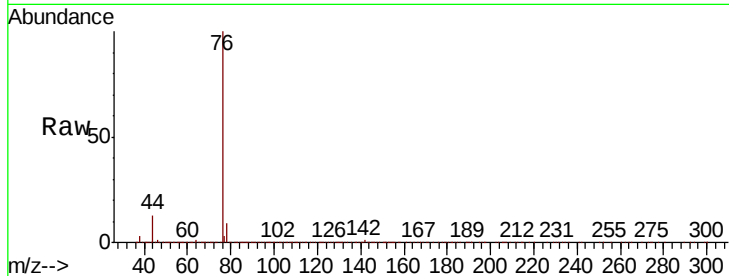
#17  
Carbon Disulfide  
Concen: 52.245 ug/l  
RT: 2.57 min Scan# 276  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.4   | 11.0  |

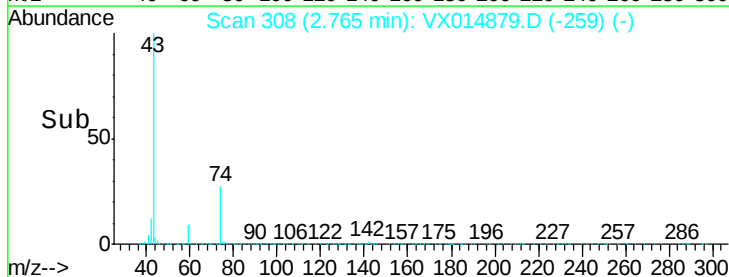
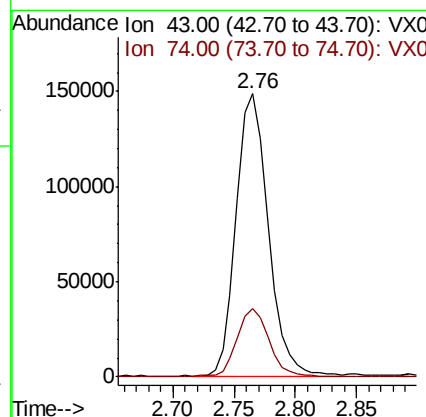
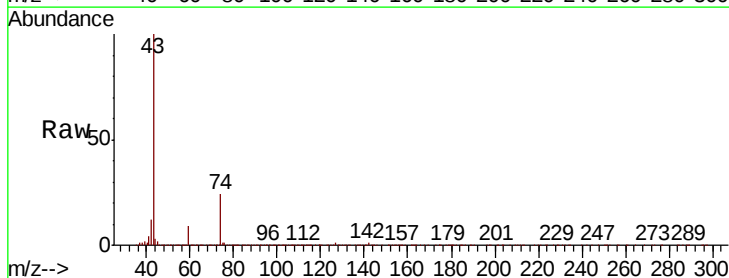
Manual Integrations  
APPROVED

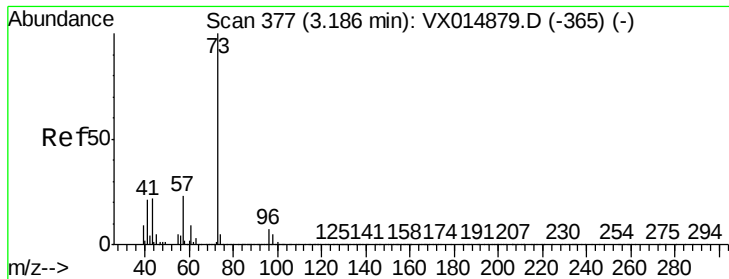
MMDadoda  
2/11/2020 10:36:11 AM



#18  
Methyl Acetate  
Concen: 52.602 ug/l  
RT: 2.76 min Scan# 308  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.2  | 19.4  | 29.0  |





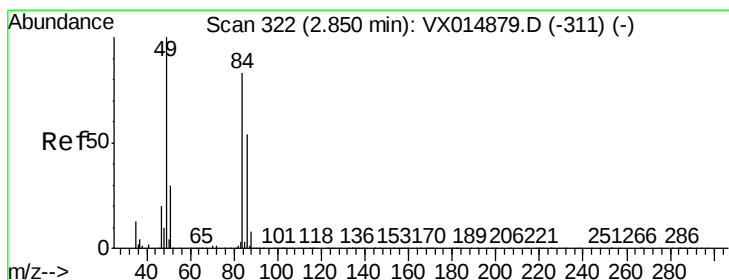
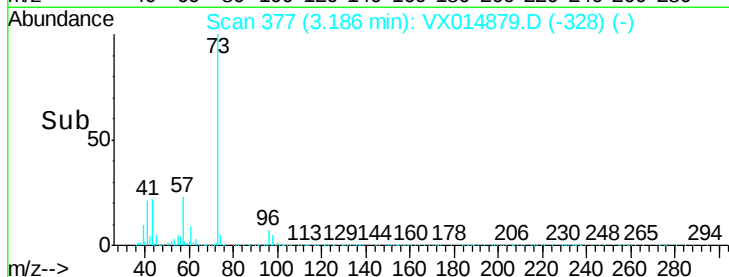
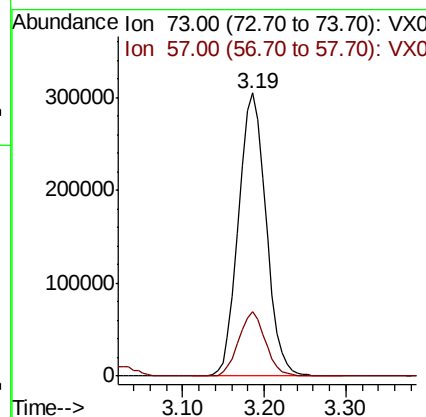
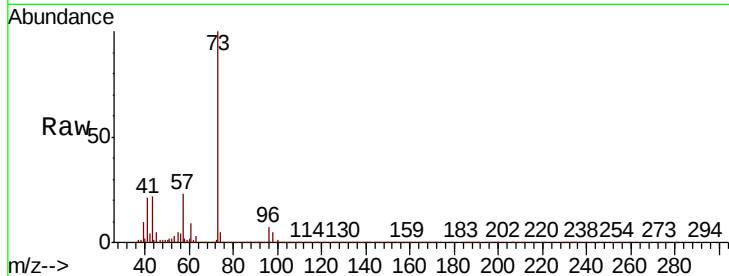
#19  
Methvl tert-butvl Ether  
Concen: 52.372 ug/l  
RT: 3.19 min Scan# 377  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.8  | 18.2  | 27.4  |

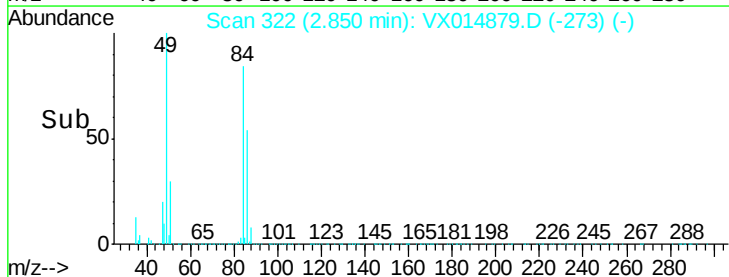
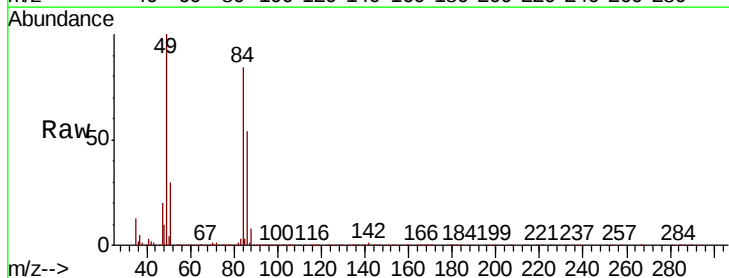
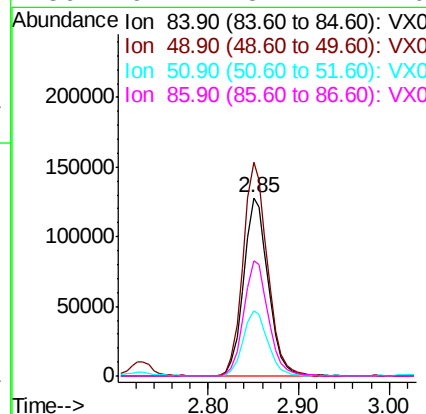
Manual Integrations  
APPROVED

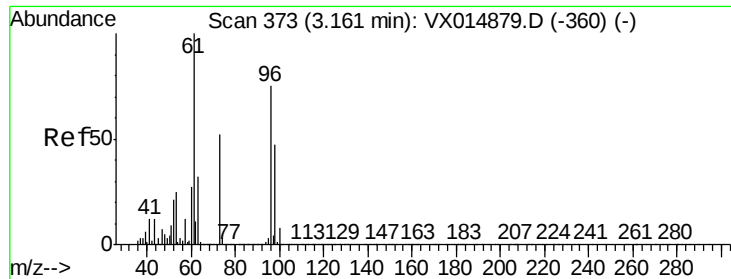
MMDadoda  
2/11/2020 10:36:11 AM



#20  
Methylene Chloride  
Concen: 46.316 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 119.5 | 95.6  | 143.4 |
| 51      | 36.3  | 29.0  | 43.6  |
| 86      | 64.2  | 51.4  | 77.0  |





#21

trans-1,2-Dichloroethene

Concen: 50.702 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

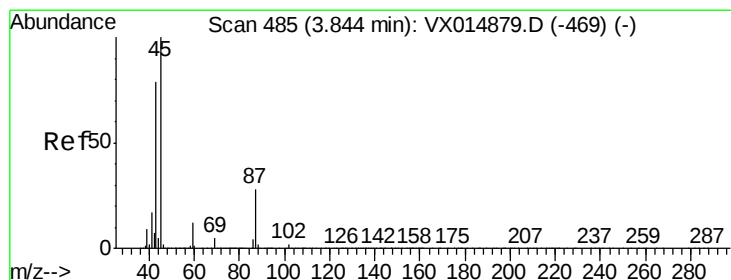
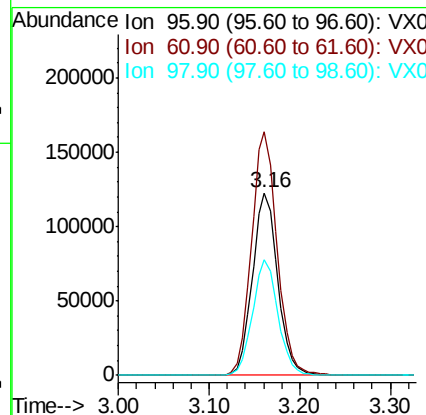
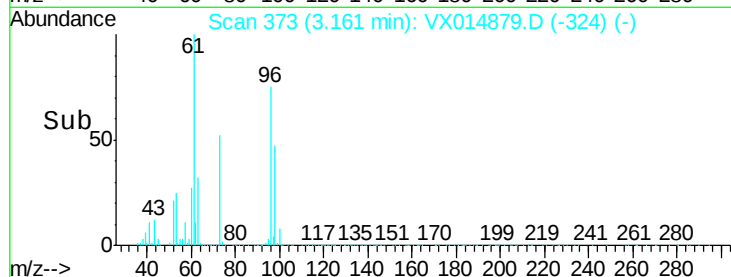
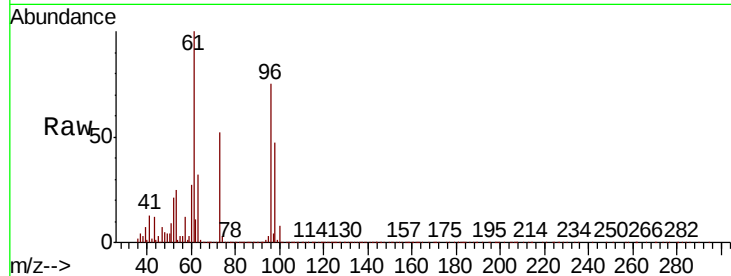
ClientSampleId :

VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 236652 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 133.6 | 106.9 | 160.3  |
| 98       | 63.4  | 50.7  | 76.1   |

Manual Integrations  
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MMDadoda  
2/11/2020 10:36:11 AM



#22

Diisopropyl ether

Concen: 52.555 ug/l

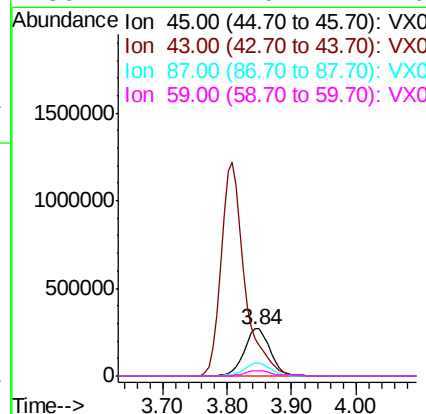
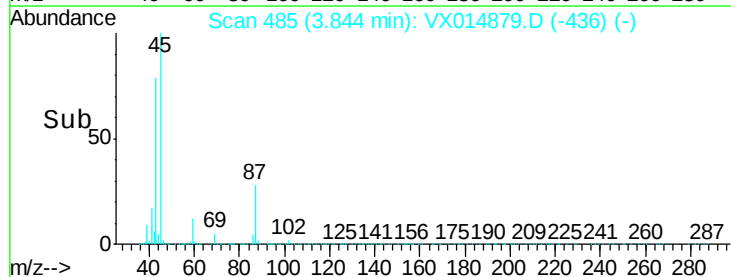
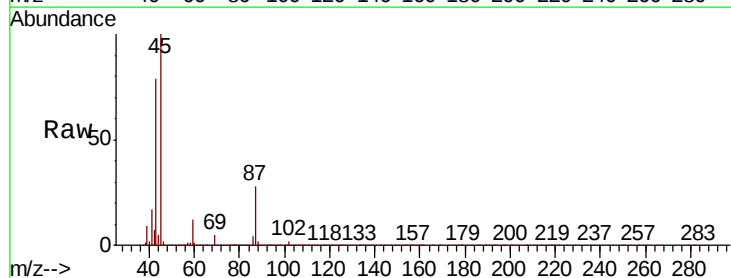
RT: 3.84 min Scan# 485

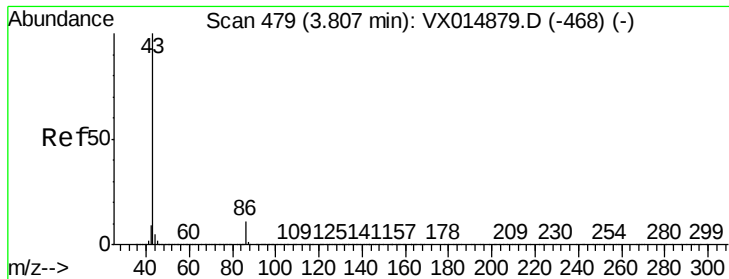
Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 746152 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 79.4  | 63.5  | 95.3   |
| 87       | 27.8  | 22.2  | 33.4   |
| 59       | 11.7  | 9.4   | 14.0   |





#23

Vinyl Acetate

Concen: 266.438 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Tot Ion: 43 Resp: 3131530

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3

Instrument :

MSVOA\_X

ClientSampled :

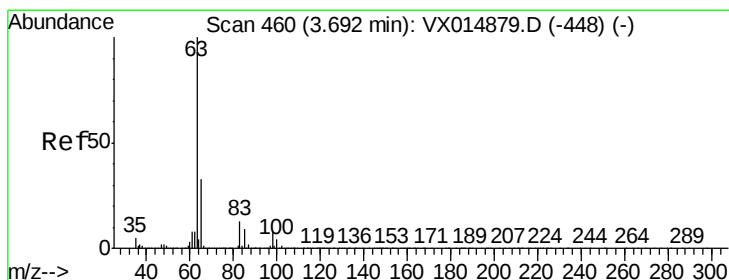
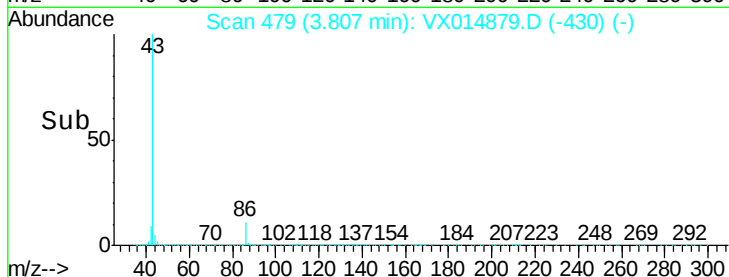
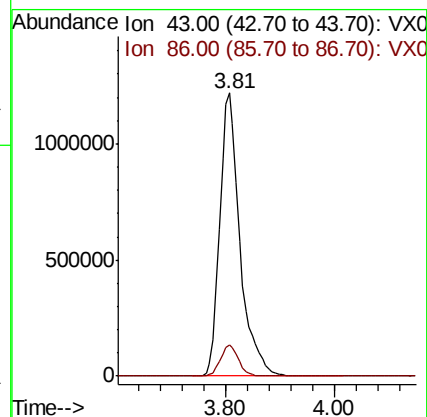
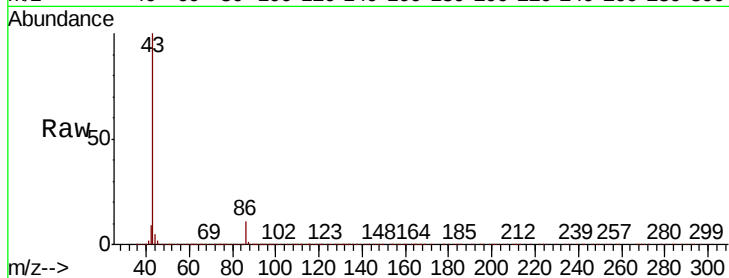
VSTDICCC050

Manual Integrations

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MMDadoda

2/11/2020 10:36:11 AM



#24

1,1-Dichloroethane

Concen: 50.945 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

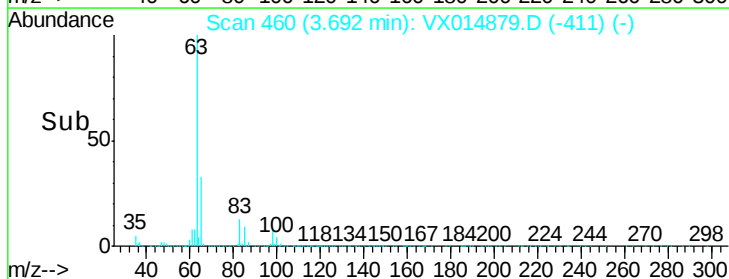
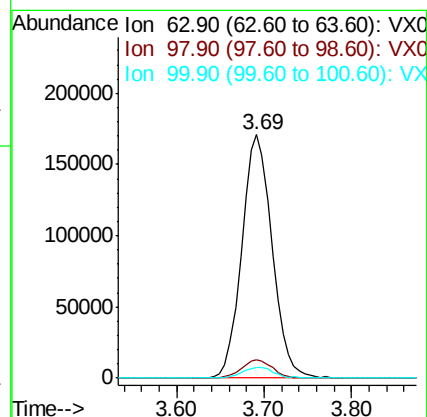
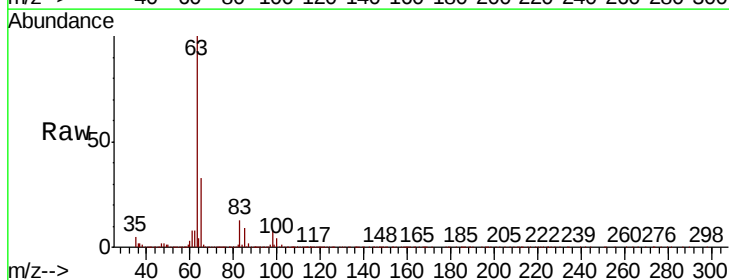
Tgt Ion: 63 Resp: 410869

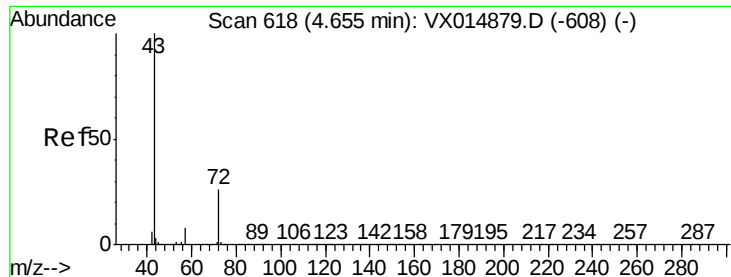
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 264.386 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 931407

Ion Ratio Lower Upper

43 100

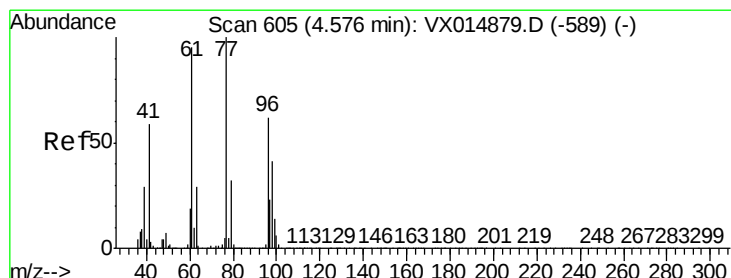
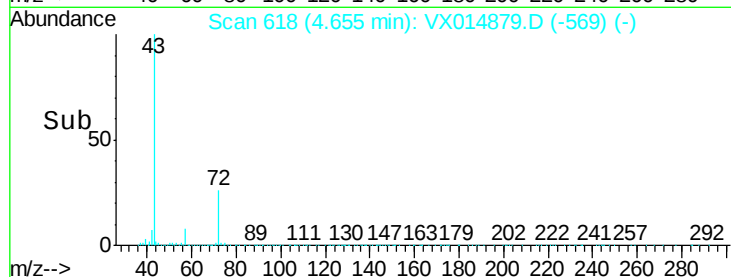
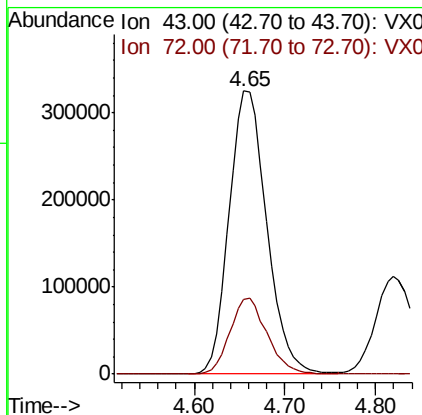
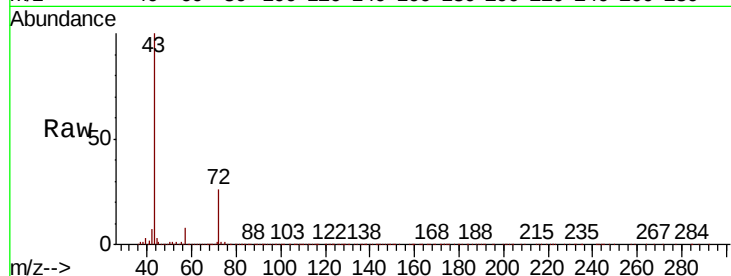
72 26.3 21.0 31.6

Manual Integrations

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2/11/2020 10:36:11 AM



#26

2,2-Dichloropropane

Concen: 50.392 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014879.D

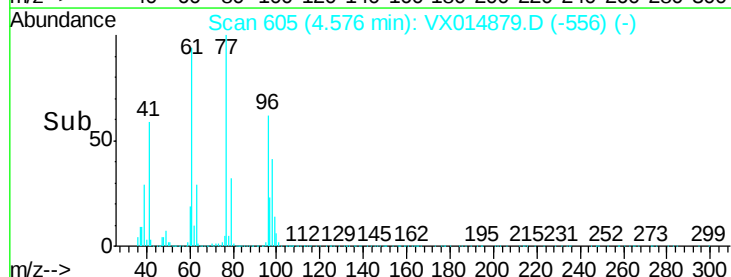
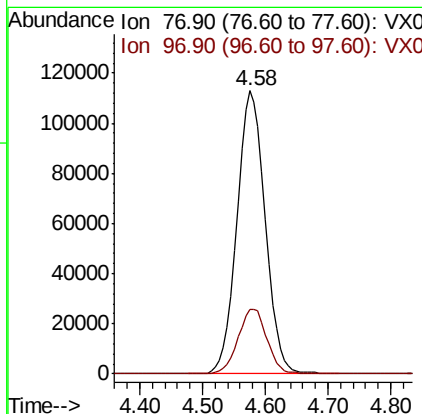
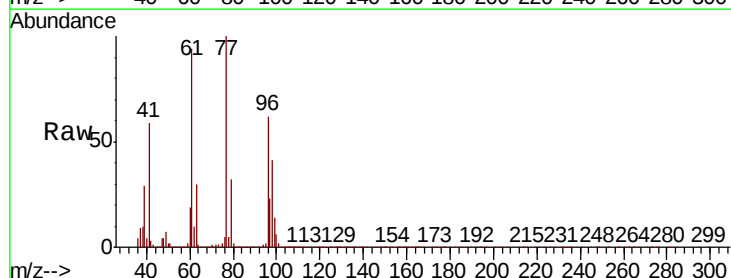
Acq: 10 Feb 2020 11:01

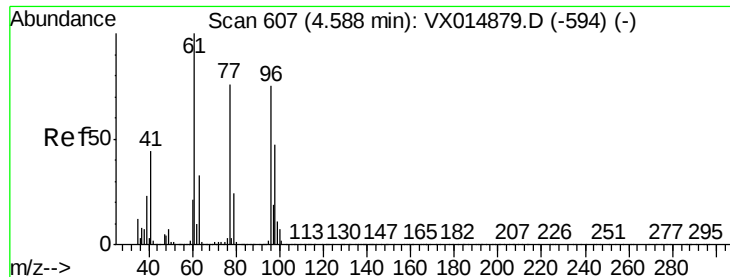
Tgt Ion: 77 Resp: 350173

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5





#27

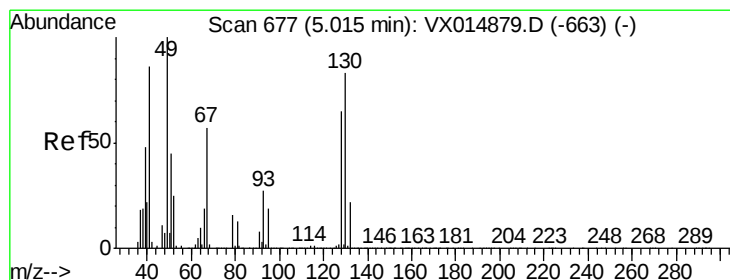
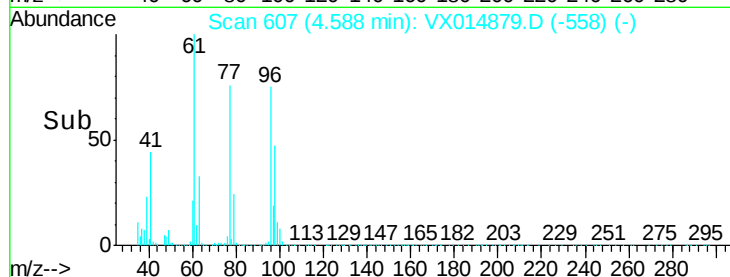
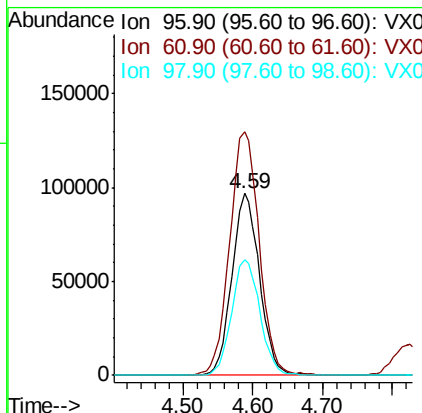
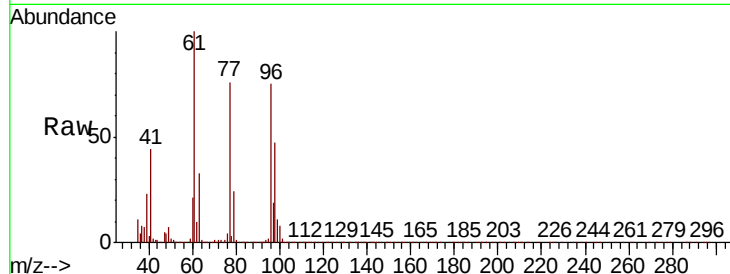
cis-1,2-Dichloroethene  
Concen: 51.170 ug/l  
RT: 4.59 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 264913 |       |       |
| 61      | 143.1 | 0.0    | 286.2 |       |
| 98      | 65.5  | 0.0    | 131.0 |       |

Manual Integrations  
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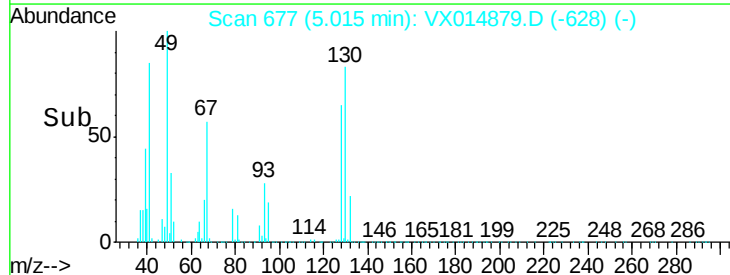
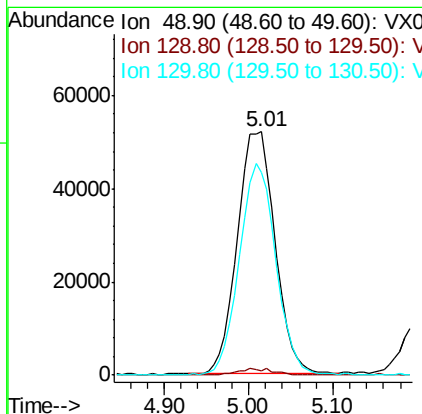
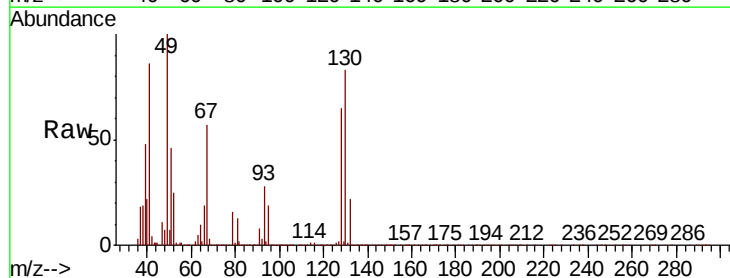
MMDadoda  
2/11/2020 10:36:11 AM

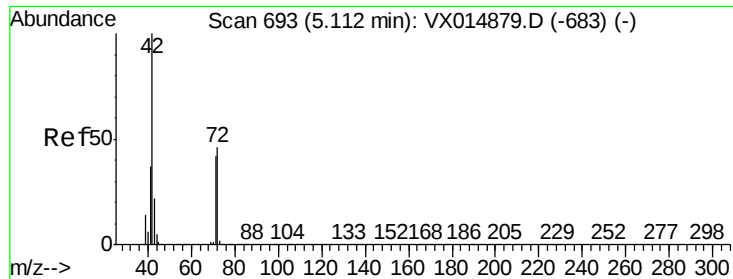


#28

Bromochloromethane  
Concen: 58.146 ug/l  
RT: 5.01 min Scan# 677  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 157279 |       |       |
| 129     | 2.6   | 0.0    | 5.2   |       |
| 130     | 84.3  | 67.4   | 101.2 |       |





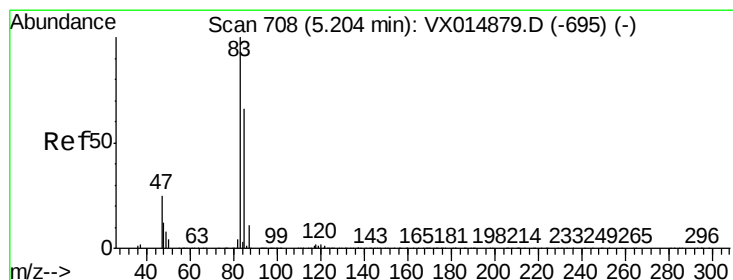
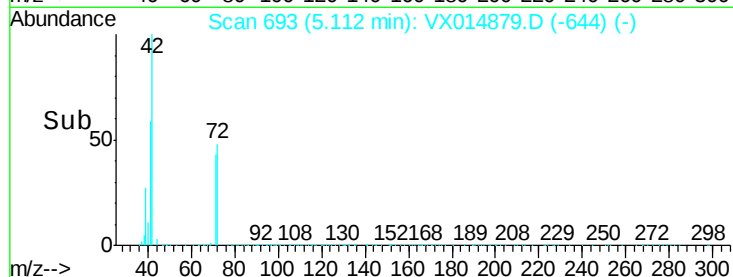
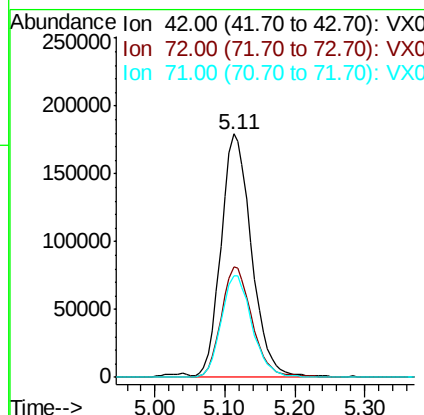
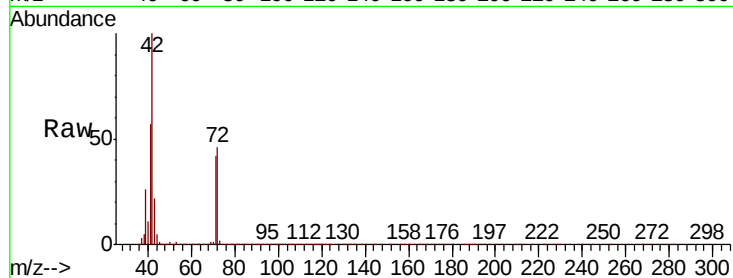
#29  
Tetrahydrofuran  
Concen: 273.370 ug/l  
RT: 5.11 min Scan# 693  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.1  | 36.9  | 55.3  |
| 71      | 42.6  | 34.1  | 51.1  |

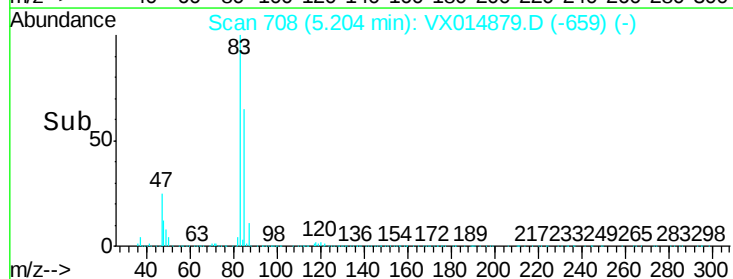
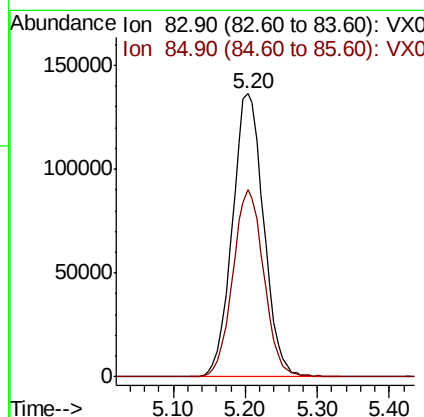
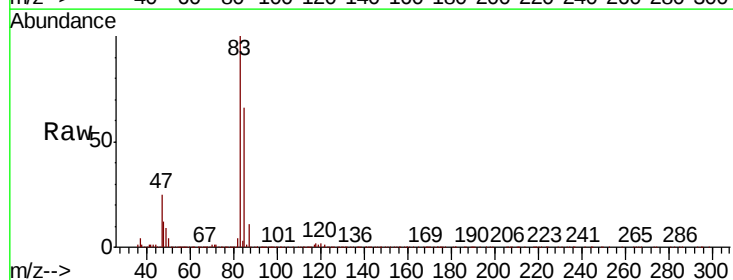
Manual Integrations  
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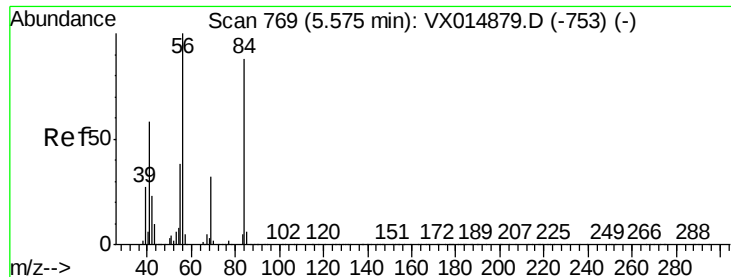
MMDadoda  
2/11/2020 10:36:11 AM



#30  
Chloroform  
Concen: 51.380 ug/l  
RT: 5.20 min Scan# 708  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.1  | 52.9  | 79.3  |





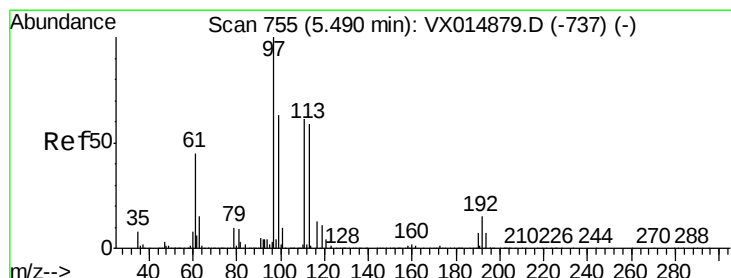
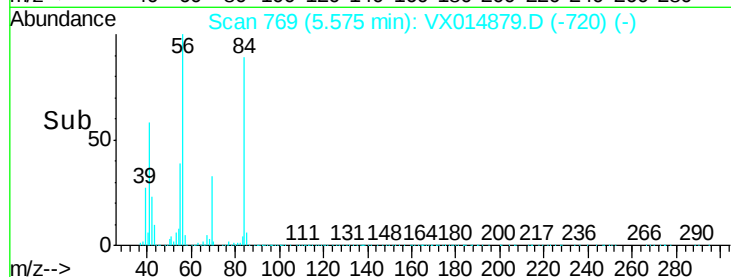
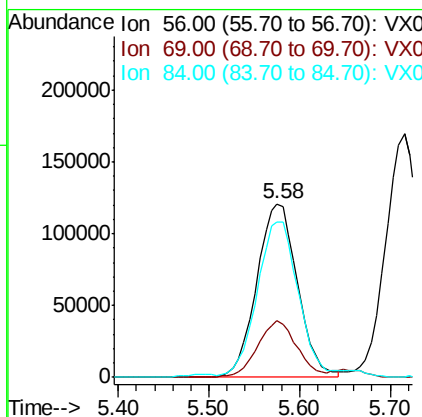
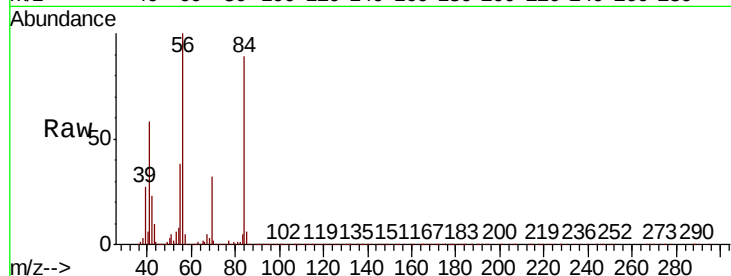
#31  
Cyclohexane  
Concen: 53.100 ug/l  
RT: 5.58 min Scan# 769  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.4  | 25.9  | 38.9  |
| 84      | 88.0  | 70.4  | 105.6 |

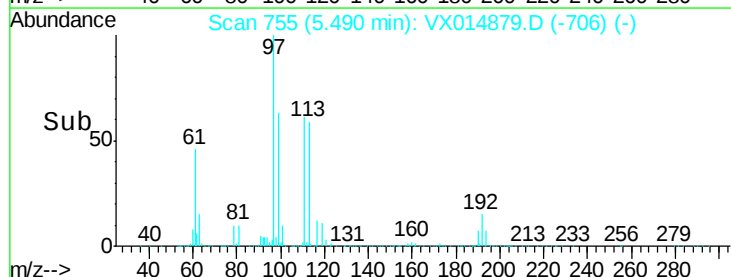
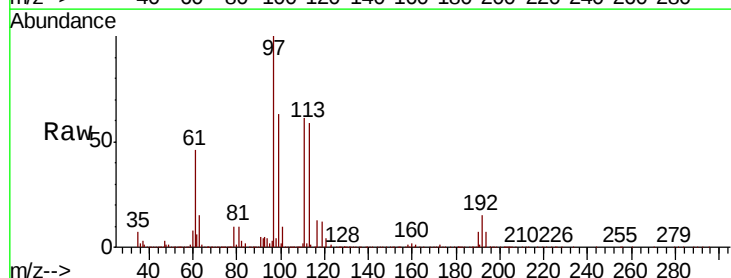
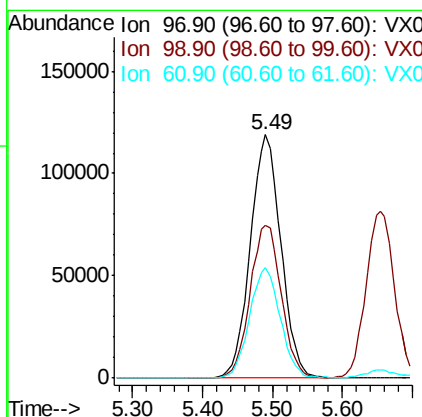
Manual Integrations  
APPROVED

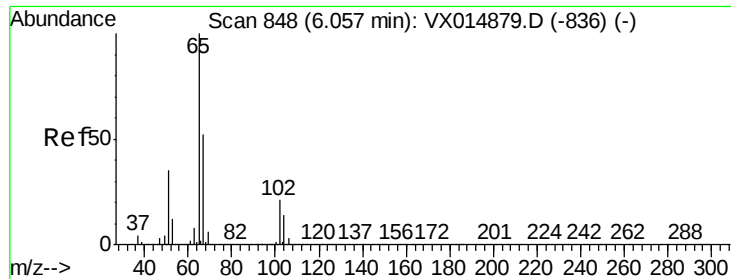
MMDadoda  
2/11/2020 10:36:11 AM



#32  
1,1,1-Trichloroethane  
Concen: 52.073 ug/l  
RT: 5.49 min Scan# 755  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.8  | 51.0  | 76.6  |
| 61      | 45.4  | 36.3  | 54.5  |





#33

1,2-Dichloroethane-d4

Concen: 42.019 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

ClientSampled :

VSTDICCC050

Tot Ion: 65 Resp: 248436

Ion Ratio Lower Upper

65 100

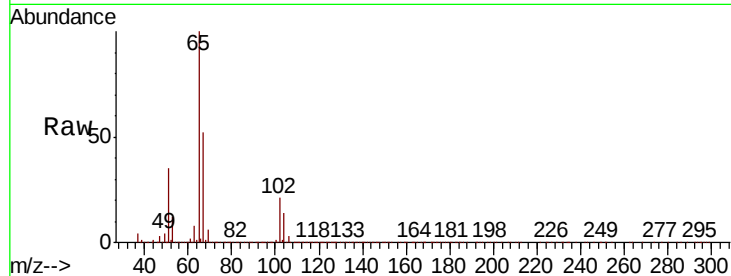
67 51.5 0.0 103.0

Manual Integrations

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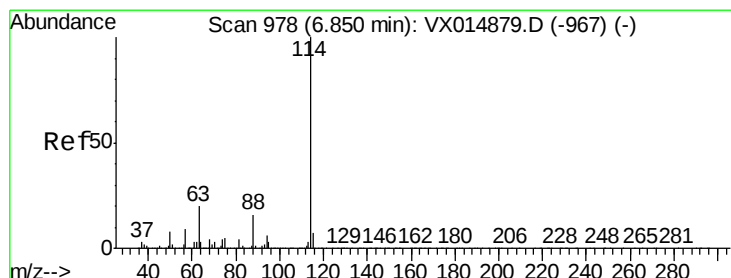
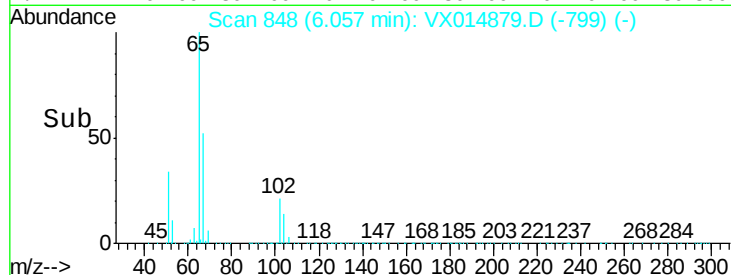
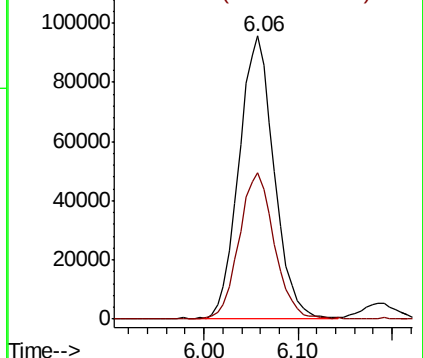
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

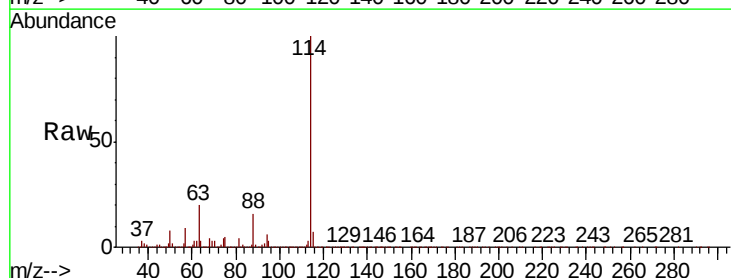
Tgt Ion: 114 Resp: 691991

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

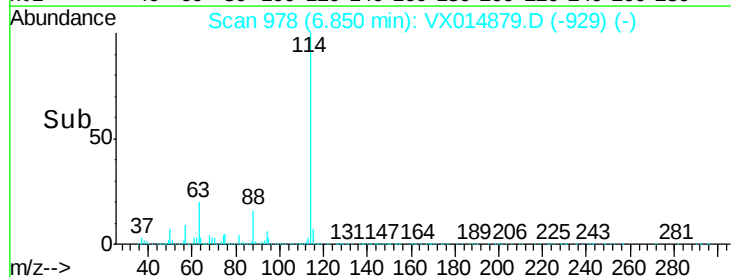
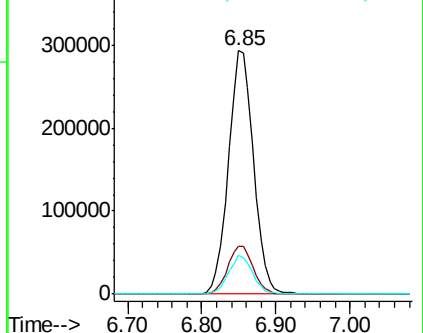
88 16.0 0.0 32.0

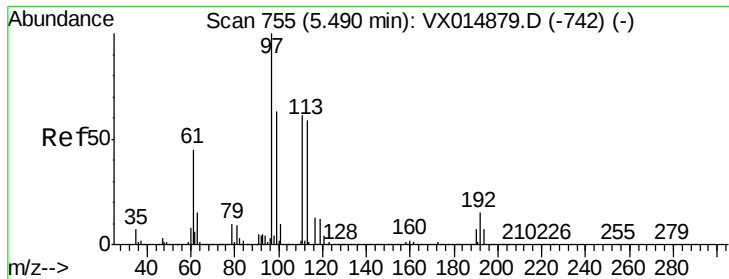


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 40.362 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

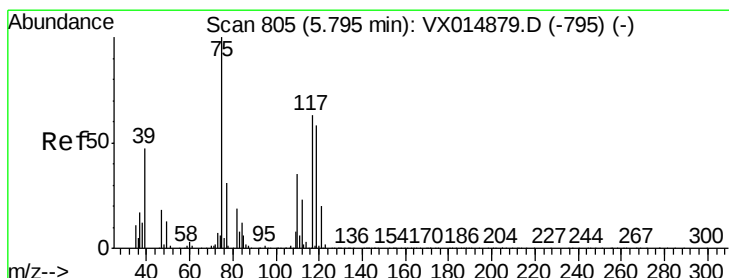
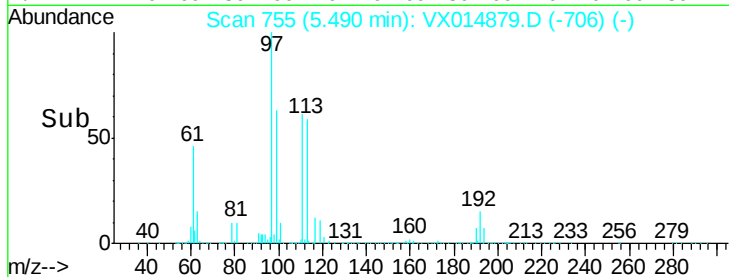
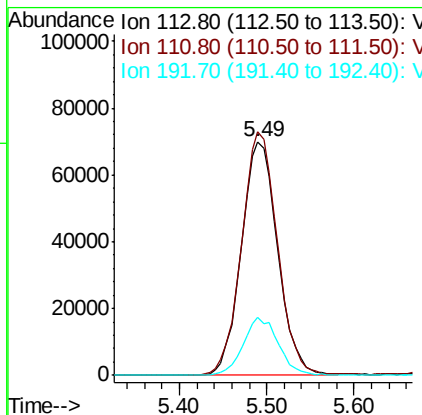
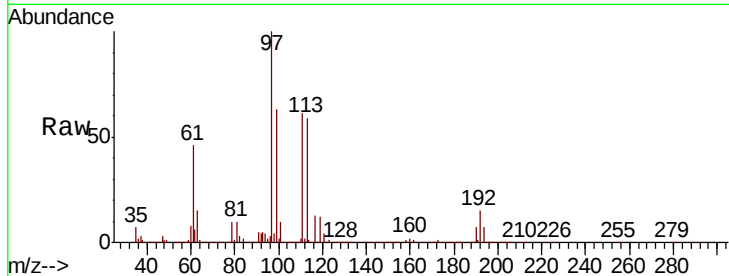
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 201362 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.0 | 82.4  | 123.6  |
| 192       | 23.9  | 19.1  | 28.7   |

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#36

1,1-Dichloropropene

Concen: 52.508 ug/l

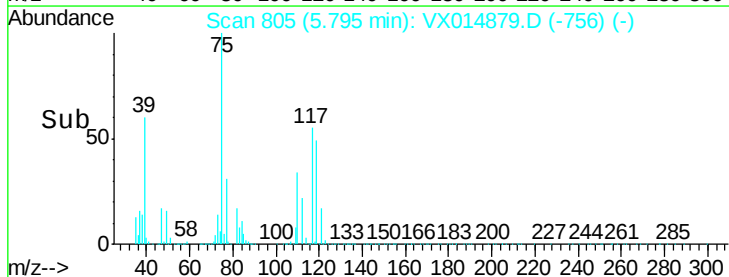
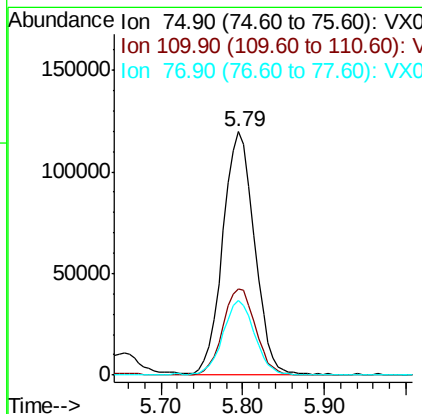
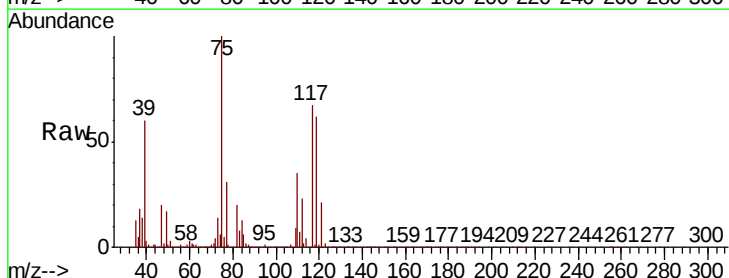
RT: 5.79 min Scan# 805

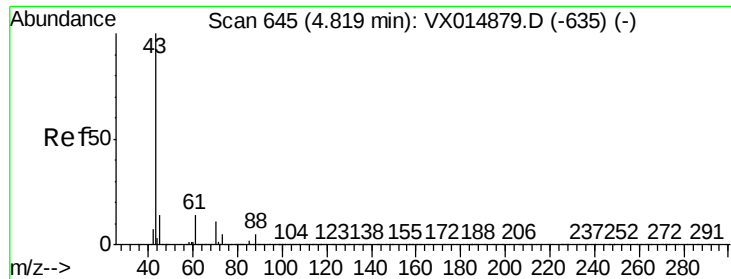
Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 319369 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.5  | 18.3  | 54.8   |
| 77        | 30.7  | 24.6  | 36.8   |





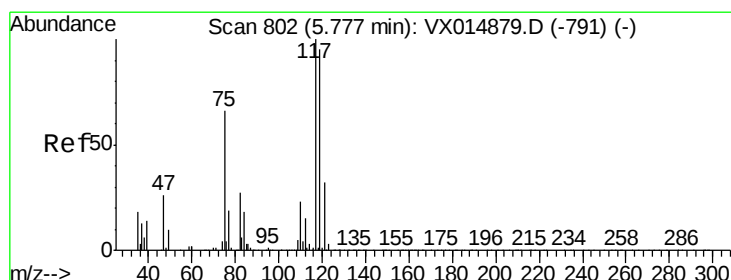
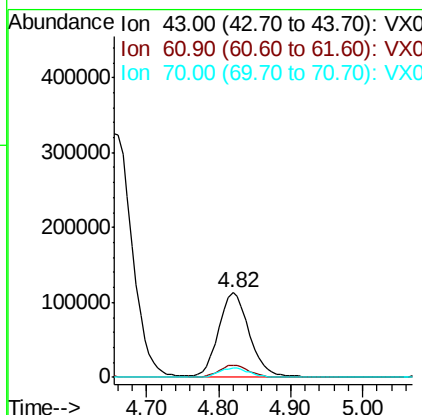
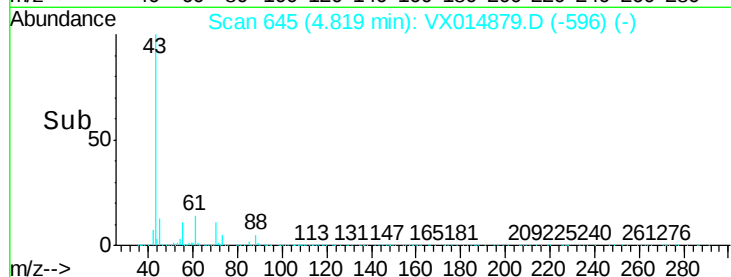
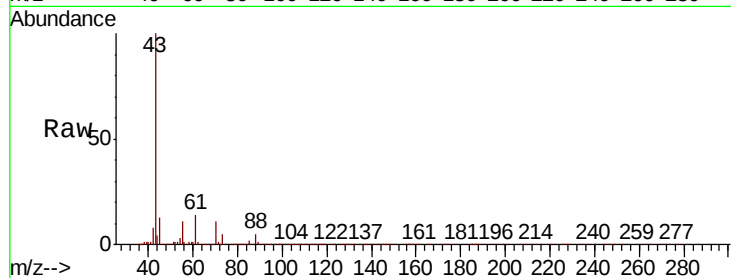
#37  
Ethyl Acetate  
Concen: 52.579 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.6  | 10.9  | 16.3  |
| 70      | 10.9  | 8.7   | 13.1  |

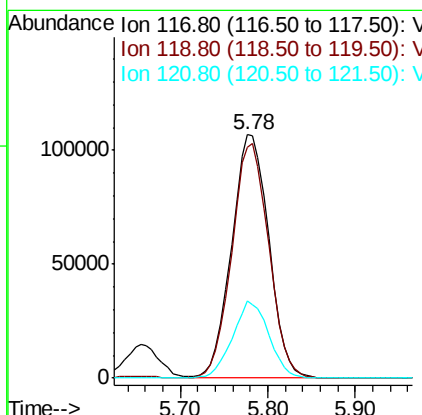
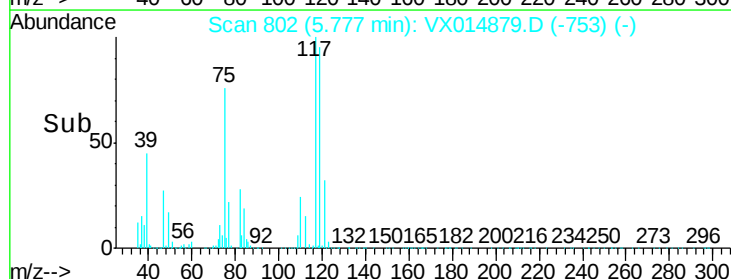
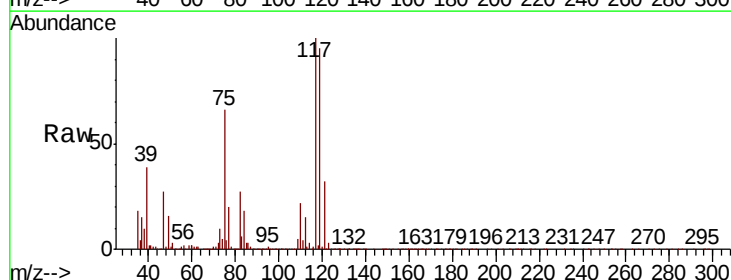
Manual Integrations  
APPROVED

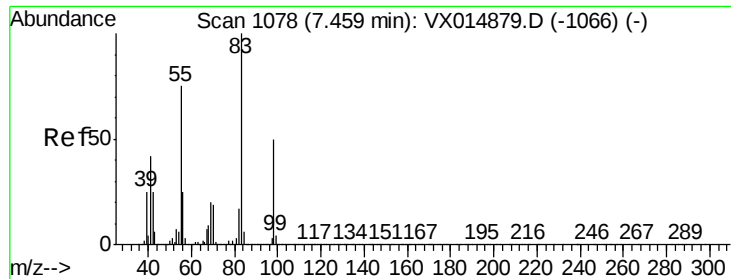
MMDadoda  
2/11/2020 10:36:11 AM



#38  
Carbon Tetrachloride  
Concen: 53.567 ug/l  
RT: 5.78 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.0  | 76.0  | 114.0 |
| 121     | 31.8  | 25.4  | 38.2  |





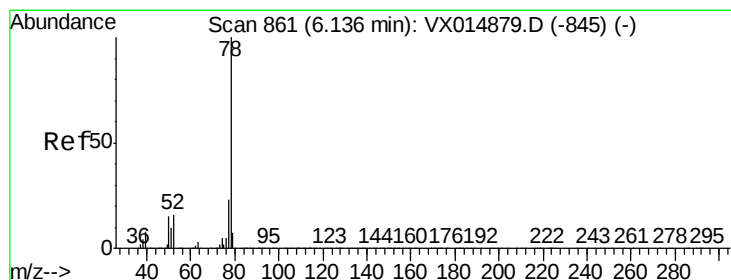
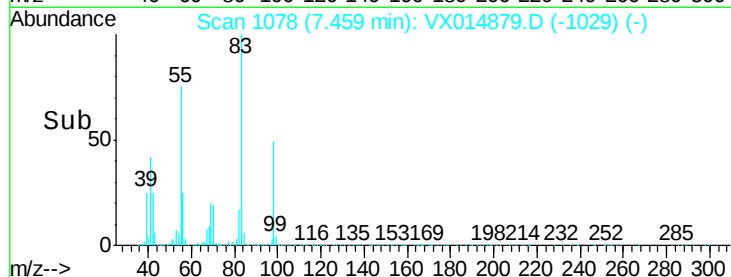
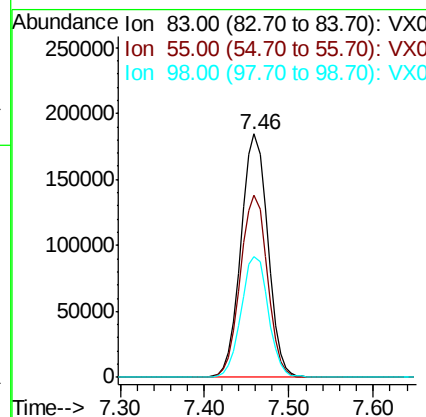
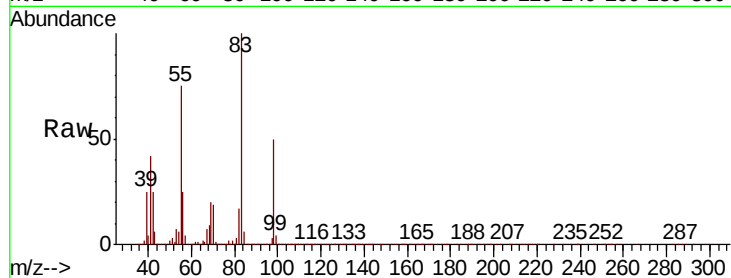
#39  
Methvlcvclohexane  
Concen: 51.463 ug/l  
RT: 7.46 min Scan# 1078  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.0  | 60.0  | 90.0  |
| 98      | 49.5  | 39.6  | 59.4  |

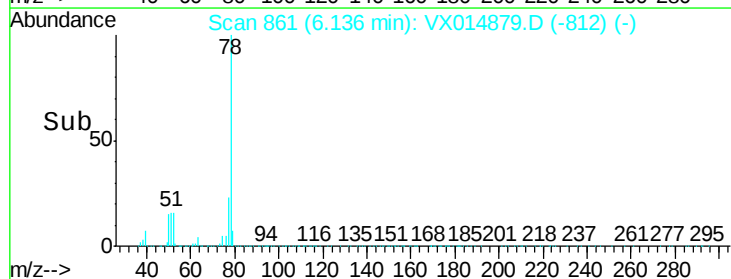
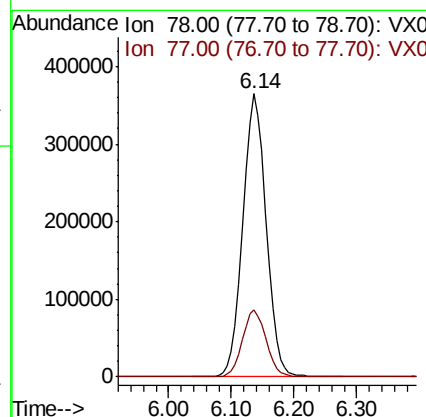
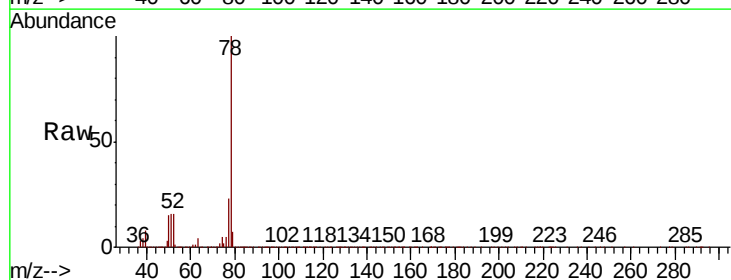
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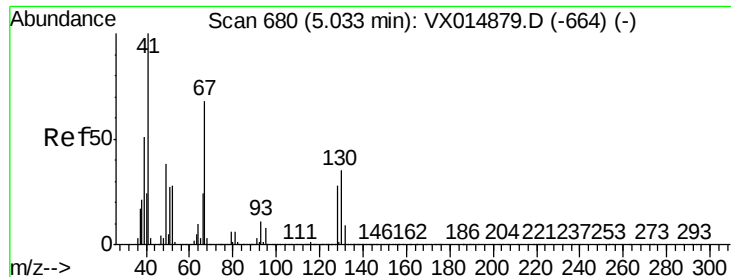
MMDadoda  
2/11/2020 10:36:11 AM



#40  
Benzene  
Concen: 51.029 ug/l  
RT: 6.14 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.5  | 18.8  | 28.2  |





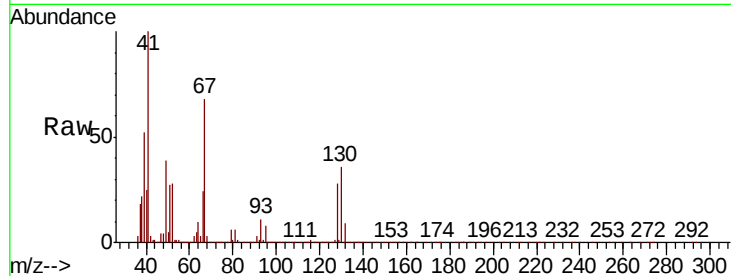
#41  
Methacrylonitrile  
Concen: 55.678 ug/l  
RT: 5.03 min Scan# 680  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 186651 |       |       |
| 39      | 55.9 | 44.7  | 67.1   |       |       |
| 67      | 70.7 | 56.6  | 84.8   |       |       |
| 52      | 27.9 | 22.3  | 33.5   |       |       |

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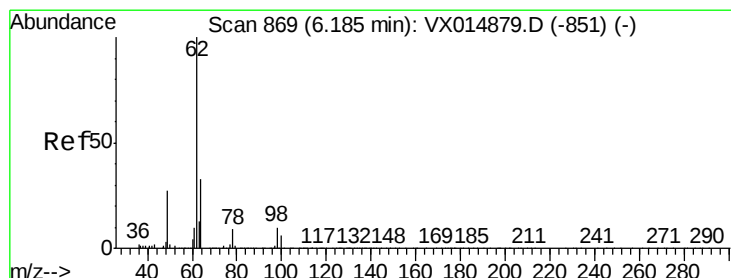
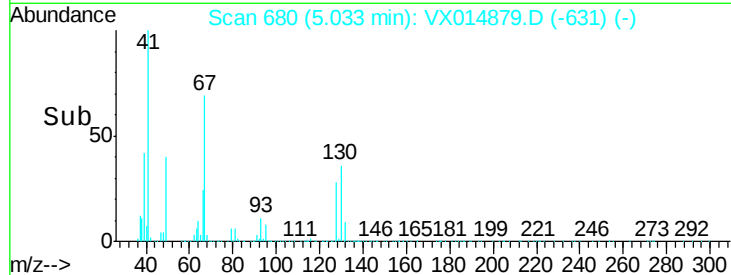
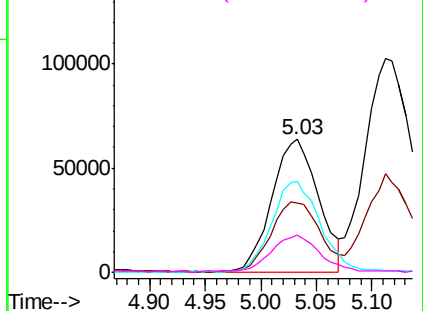
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

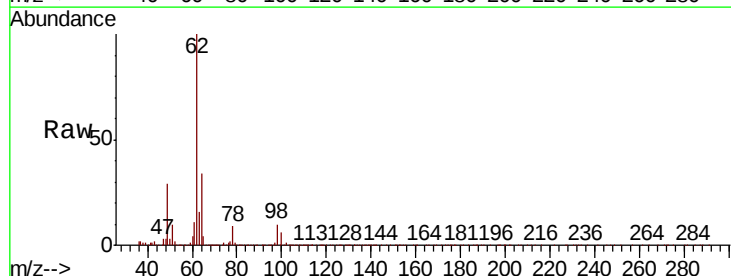
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42  
1,2-Dichloroethane  
Concen: 50.595 ug/l  
RT: 6.19 min Scan# 869  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

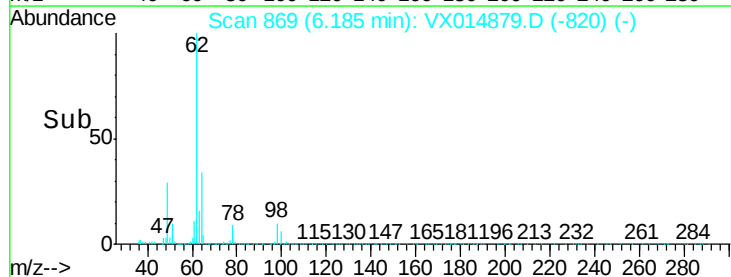
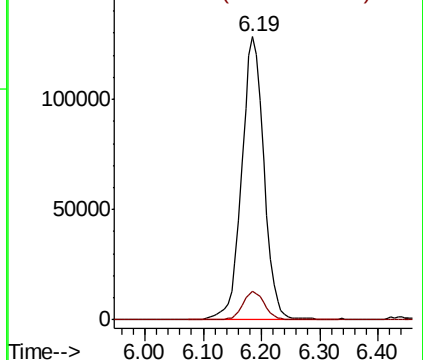
| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 339596 |       |       |
| 98      | 9.6 | 0.0   | 19.2   |       |       |

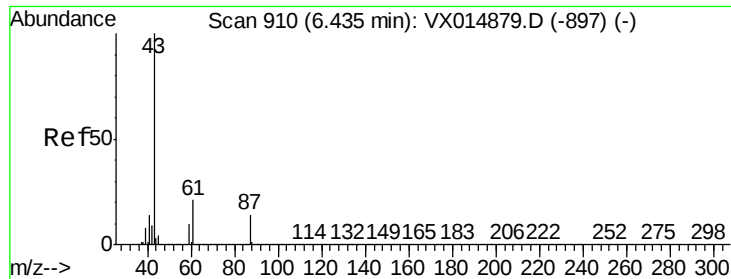


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





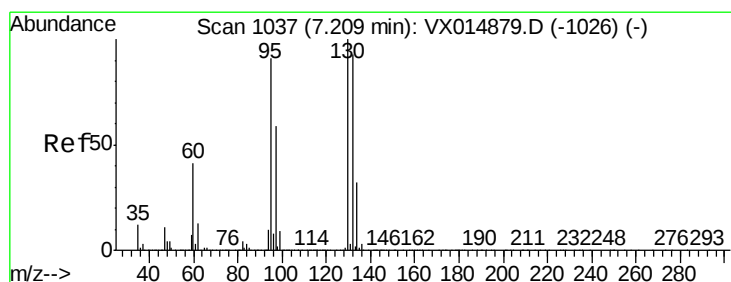
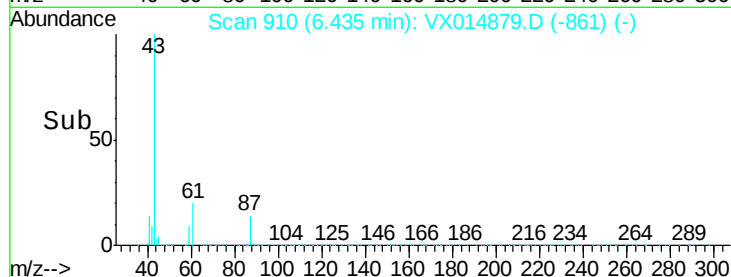
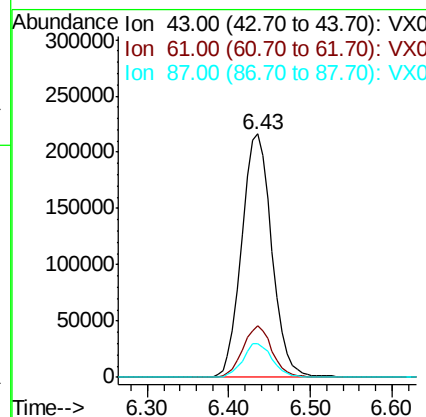
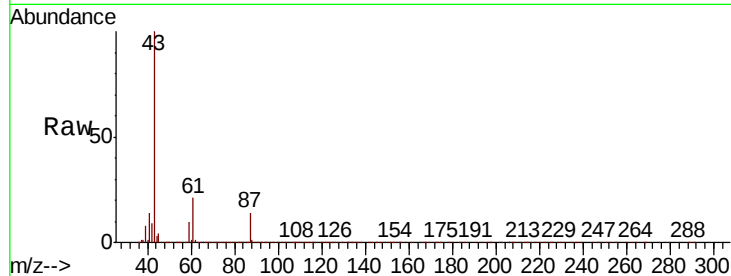
#43  
Isopropyl Acetate  
Concen: 53.289 ug/l  
RT: 6.43 min Scan# 910  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.3  | 16.2  | 24.4  |
| 87      | 13.8  | 11.0  | 16.6  |

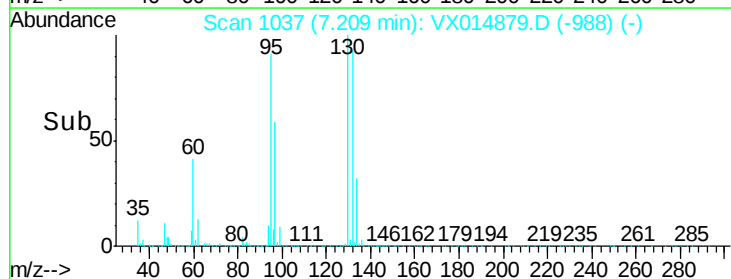
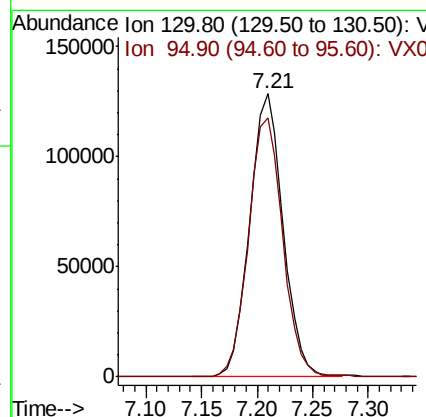
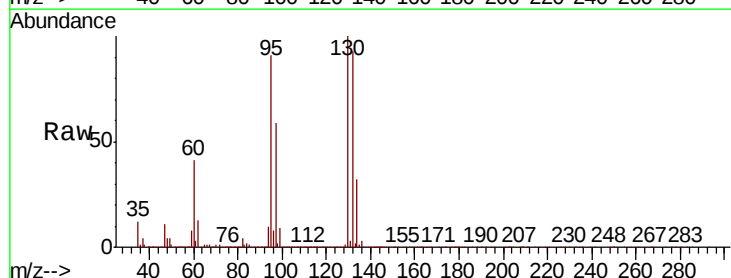
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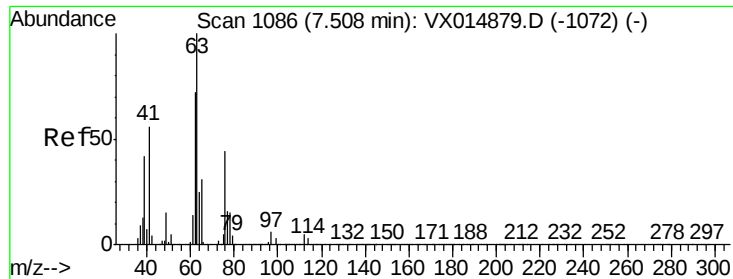
MMDadoda  
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#44  
Trichloroethene  
Concen: 50.437 ug/l  
RT: 7.21 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 91.3  | 0.0   | 182.6 |





#45

1,2-Dichloropropane

Concen: 51.448 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 240676

Ion Ratio Lower Upper

63 100

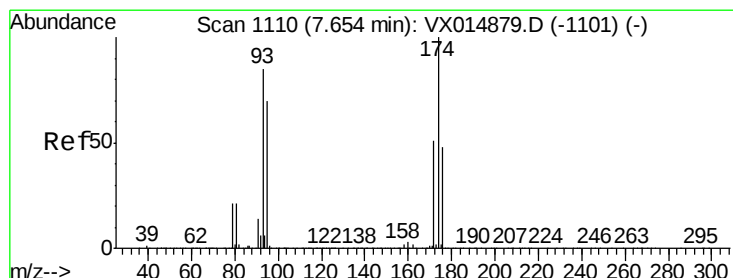
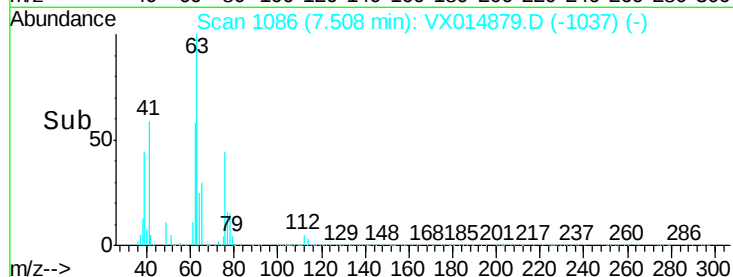
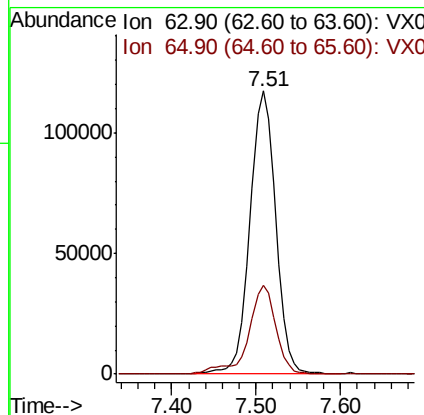
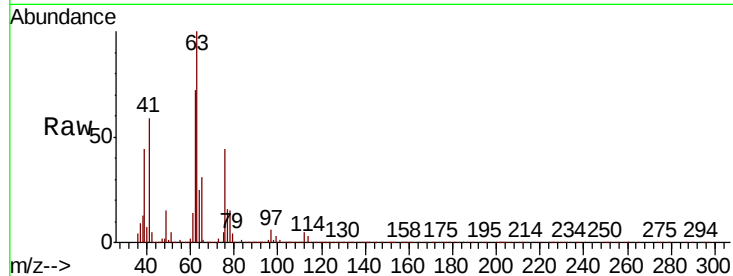
65 31.1 24.9 37.3

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#46

Dibromomethane

Concen: 50.646 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

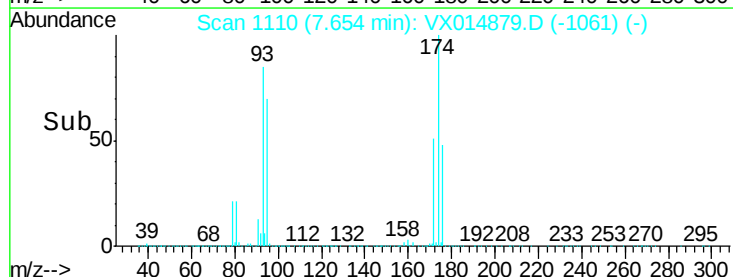
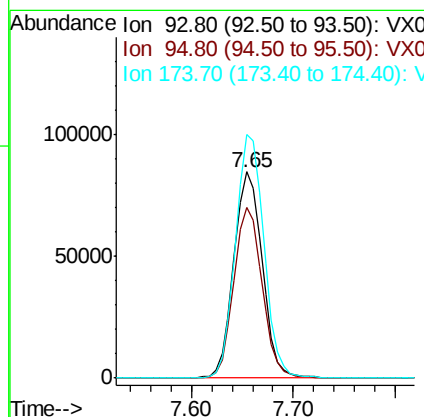
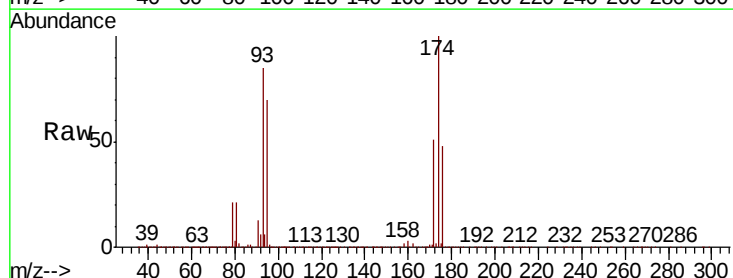
Tgt Ion: 93 Resp: 162533

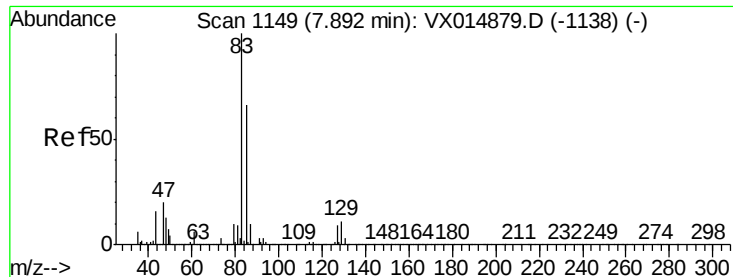
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 119.3 95.4 143.2





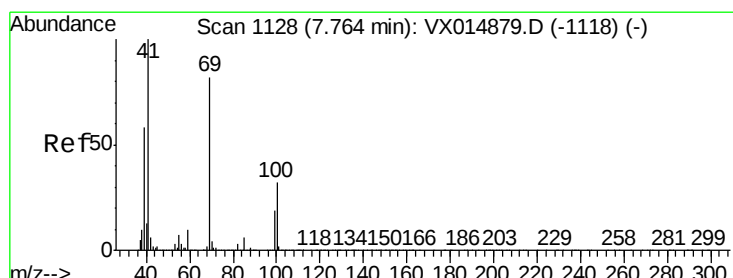
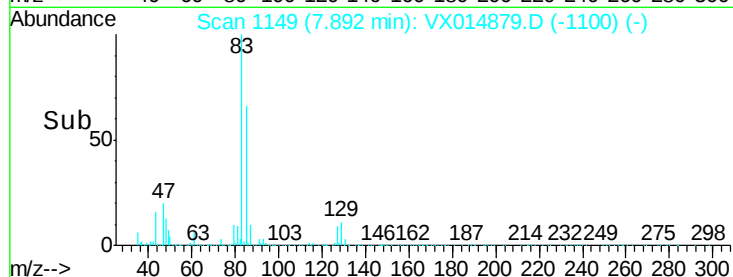
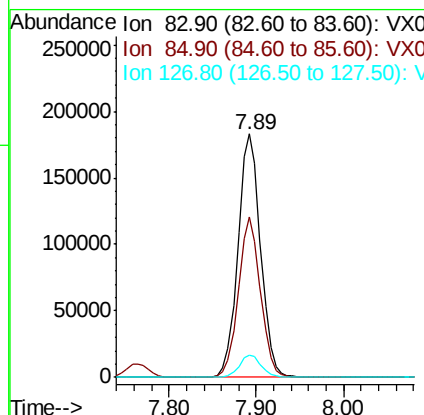
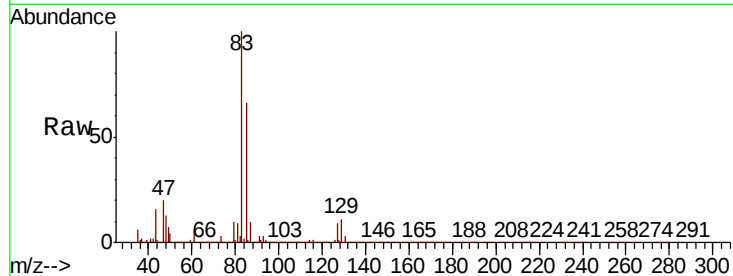
#47  
Bromodichloromethane  
Concen: 52.435 ug/l  
RT: 7.89 min Scan# 1149  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 85      | 65.6  | 52.5 | 78.7  |       |
| 127     | 9.2   | 7.4  | 11.0  |       |

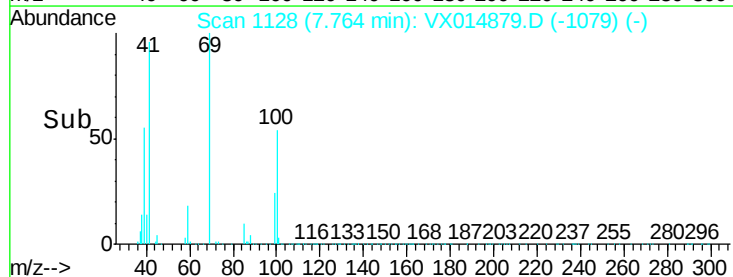
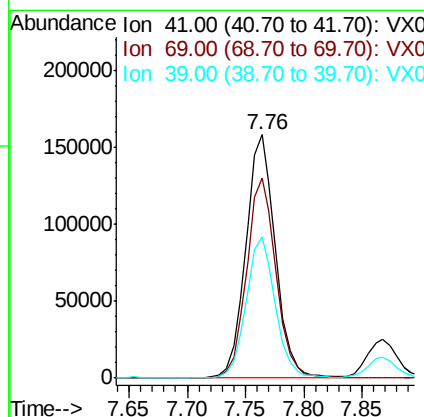
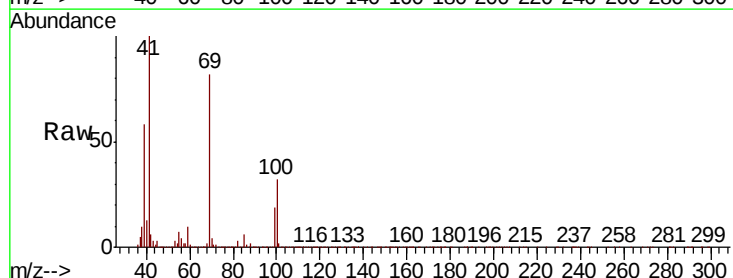
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#48  
Methyl methacrylate  
Concen: 55.396 ug/l  
RT: 7.76 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 41      | 100   |      |       |       |
| 69      | 82.1  | 65.7 | 98.5  |       |
| 39      | 57.3  | 45.8 | 68.8  |       |





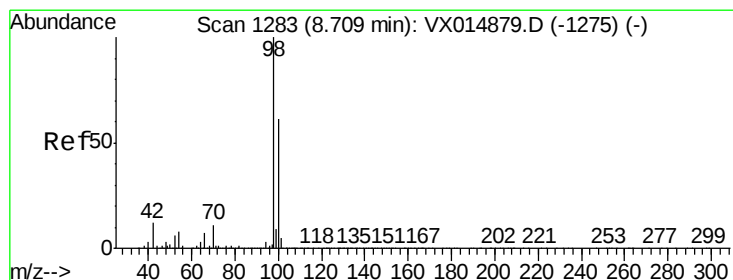
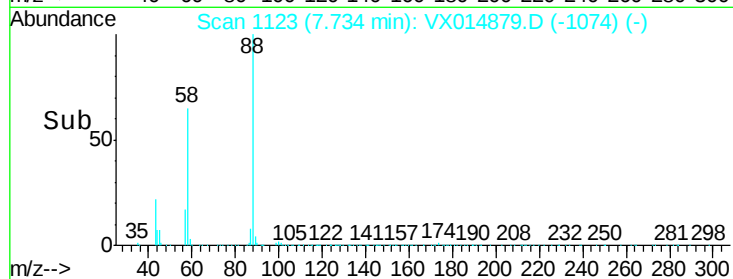
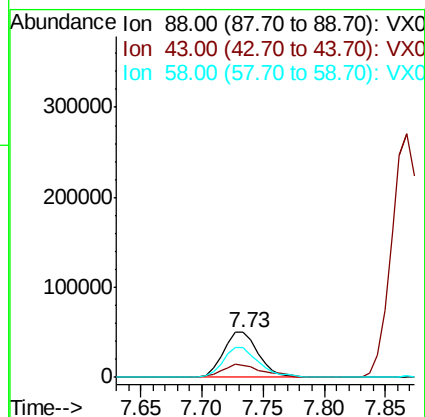
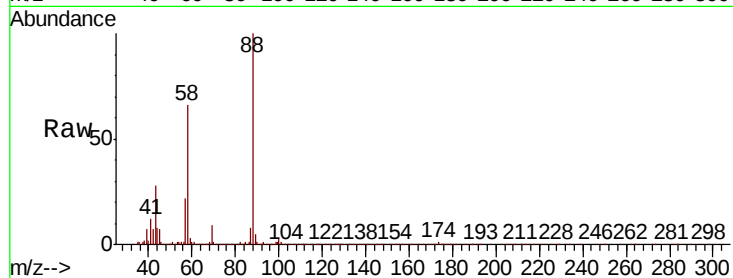
#49  
1,4-Dioxane  
Concen: 1021.043 ug/l  
RT: 7.73 min Scan# 1123  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 33.7  | 27.0  | 40.4  |
| 58      | 66.5  | 53.2  | 79.8  |

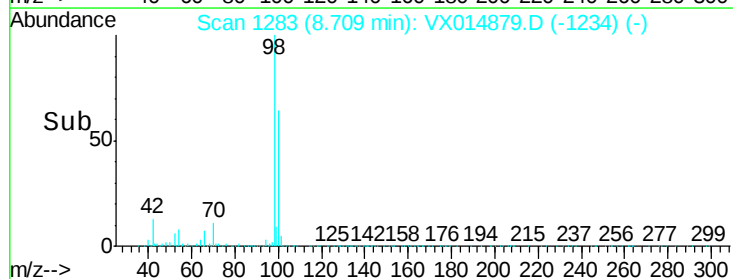
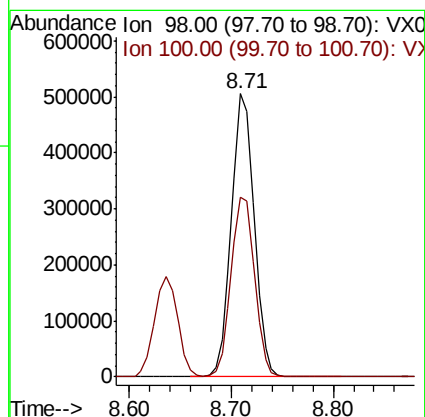
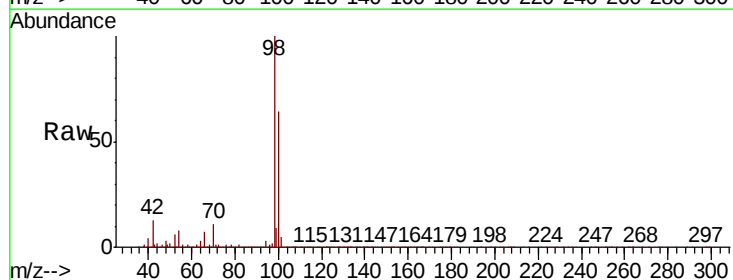
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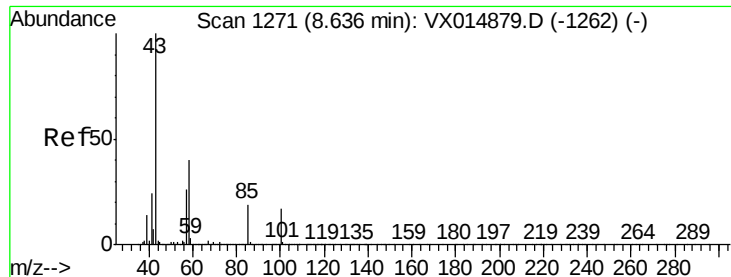
MMDadoda  
2/11/2020 10:36:11 AM



#50  
Toluene-d8  
Concen: 46.173 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.5  | 52.4  | 78.6  |





#51

4-Methyl-2-Pentanone

Concen: 269.319 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1686196

Ion Ratio Lower Upper

43 100

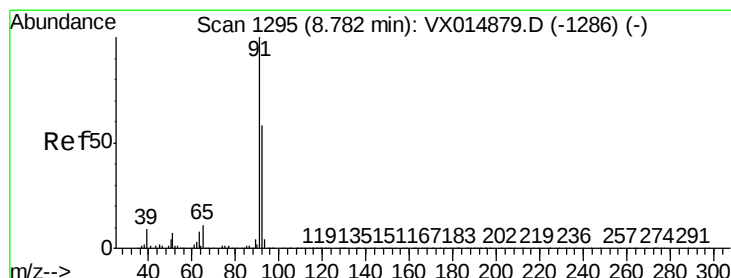
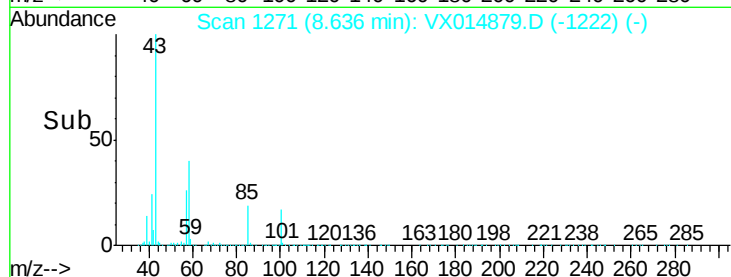
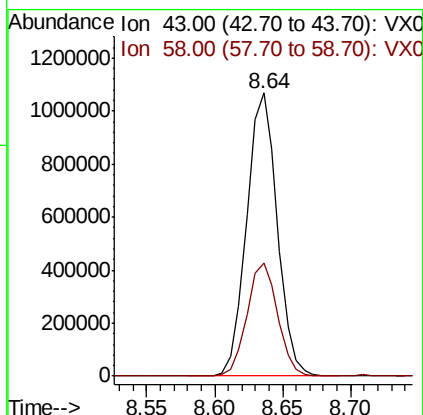
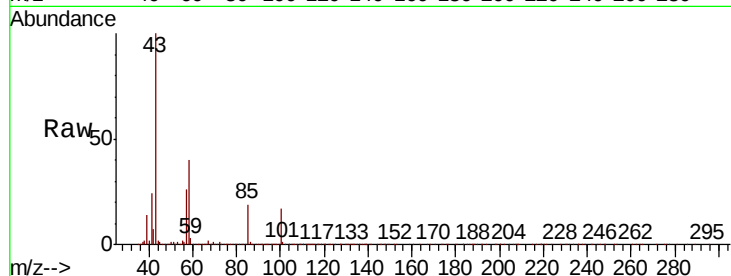
58 39.9 31.9 47.9

Manual Integrations

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#52

Toluene

Concen: 51.843 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014879.D

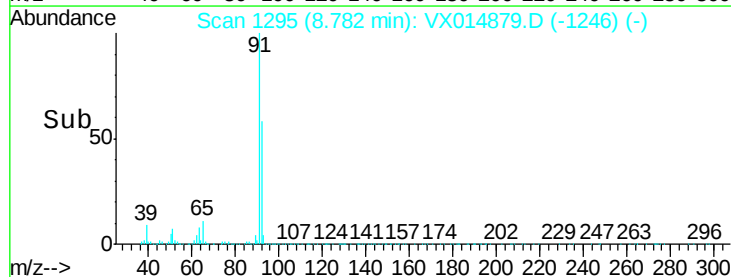
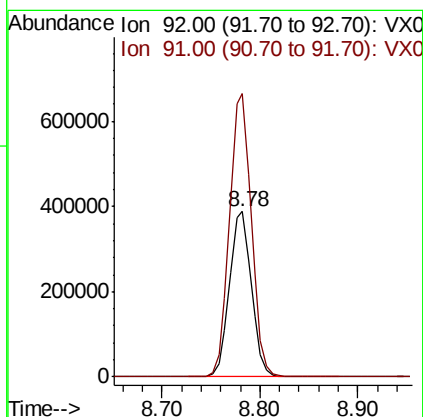
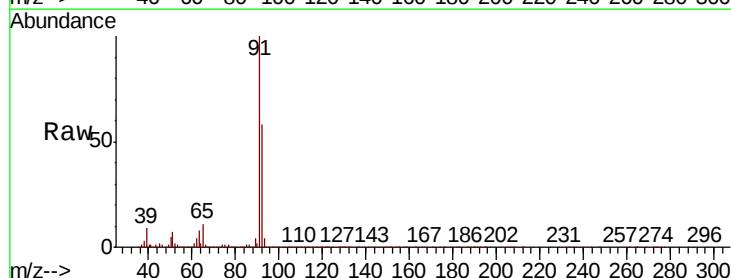
Acq: 10 Feb 2020 11:01

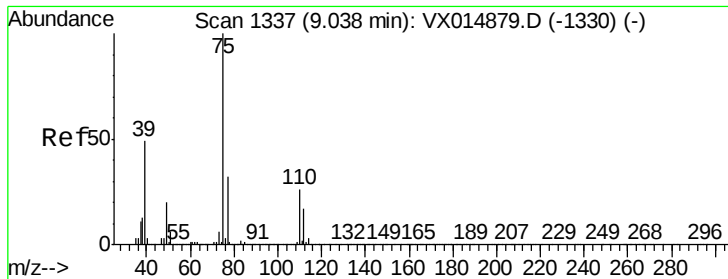
Tgt Ion: 92 Resp: 601276

Ion Ratio Lower Upper

92 100

91 171.2 137.0 205.4





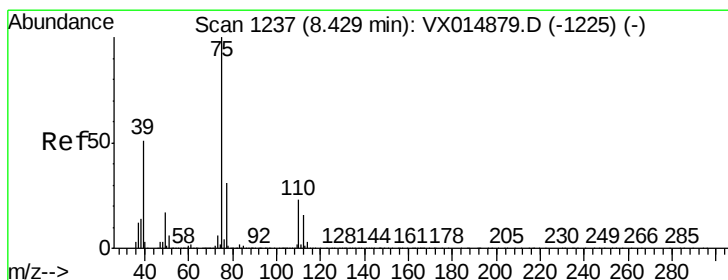
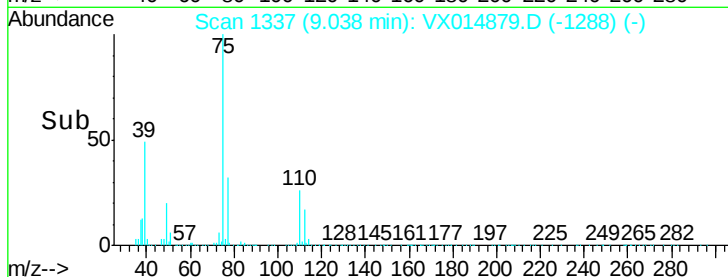
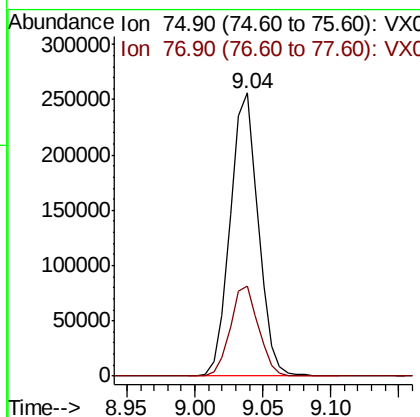
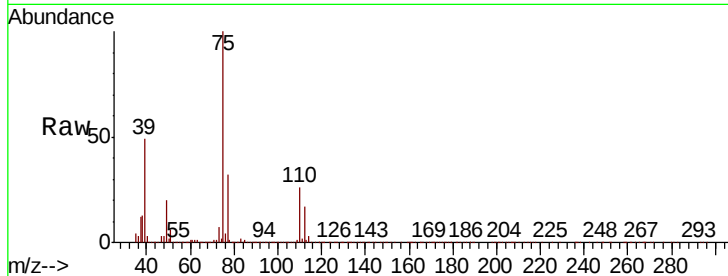
#53  
t-1,3-Dichloropropene  
Concen: 54.937 ug/l  
RT: 9.04 min Scan# 1337  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.9  | 25.5  | 38.3  |

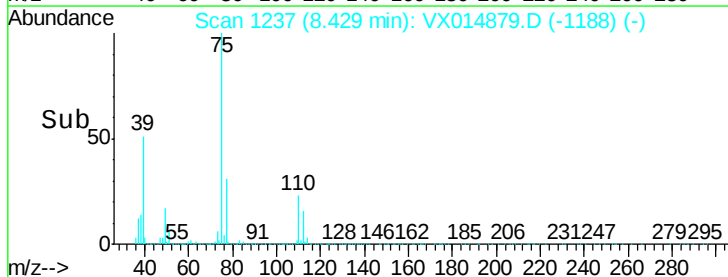
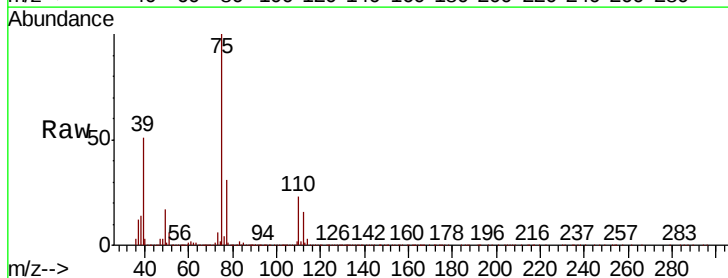
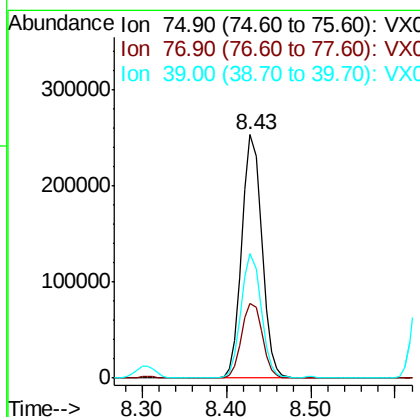
Manual Integrations  
APPROVED

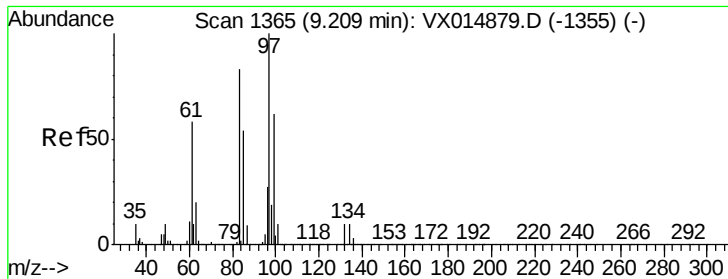
MMDadoda  
2/11/2020 10:36:11 AM



#54  
cis-1,3-Dichloropropene  
Concen: 53.701 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.8  | 24.6  | 37.0  |
| 39      | 51.1  | 40.9  | 61.3  |





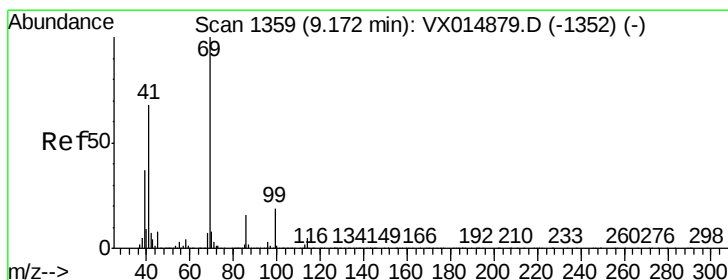
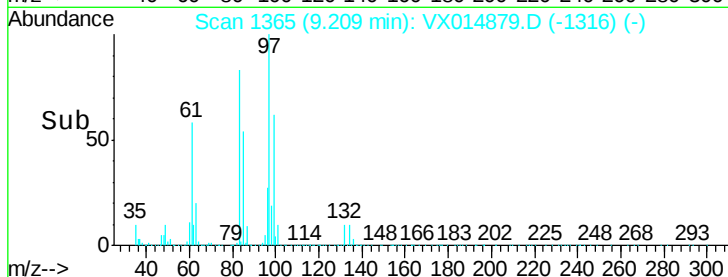
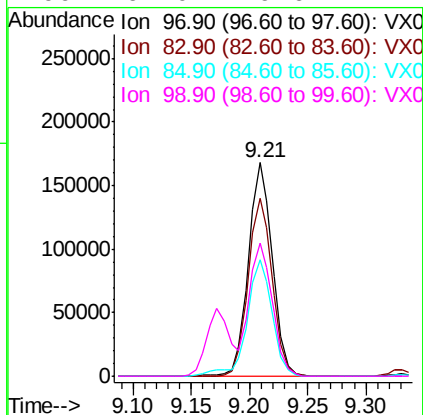
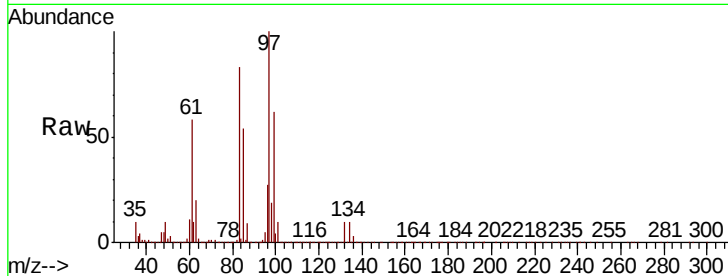
#55  
 1,1,2-Trichloroethane  
 Concen: 51.509 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: VX014879.D  
 Acq: 10 Feb 2020 11:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 242203 |       |       |
| 83      | 83.2 | 66.6  | 99.8   |       |       |
| 85      | 54.4 | 43.5  | 65.3   |       |       |
| 99      | 62.0 | 49.6  | 74.4   |       |       |

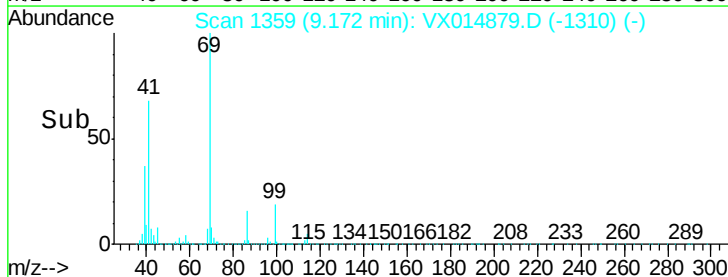
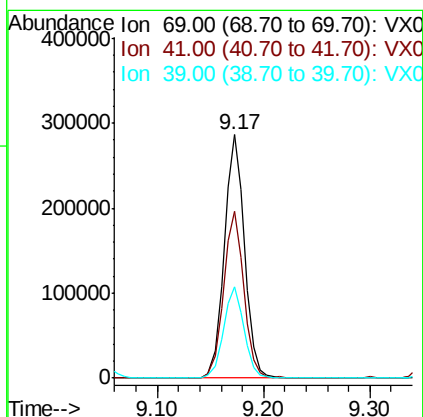
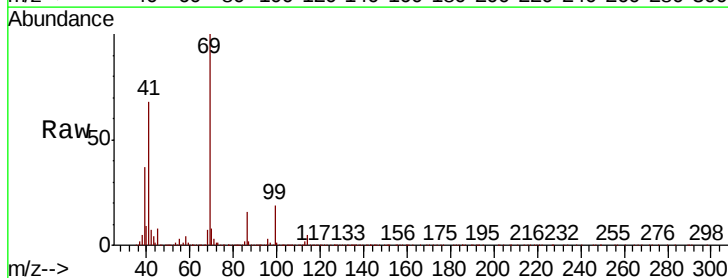
Manual Integrations  
 APPROVED

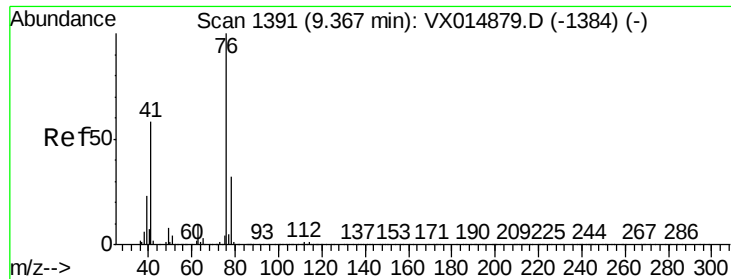
MMDadoda  
 2/11/2020 10:36:11 AM



#56  
 Ethyl methacrylate  
 Concen: 56.220 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX014879.D  
 Acq: 10 Feb 2020 11:01

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 380029 |       |       |
| 41      | 68.5 | 54.8  | 82.2   |       |       |
| 39      | 37.4 | 29.9  | 44.9   |       |       |





#57

1,3-Dichloropropane

Concen: 51.059 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 405141

Ion Ratio Lower Upper

76 100

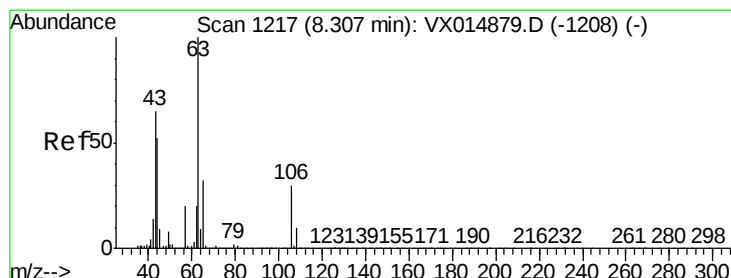
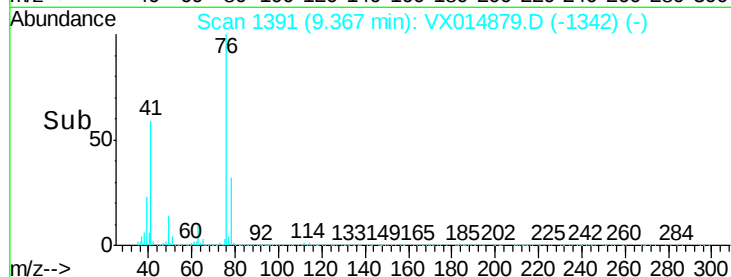
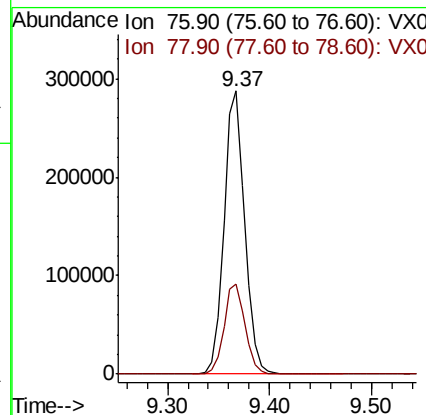
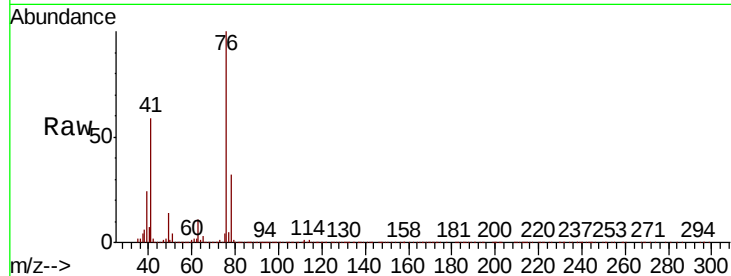
78 32.3 25.8 38.8

Manual Integrations

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2/11/2020 10:36:11 AM



#58

2-Chloroethyl Vinyl ether

Concen: 259.780 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014879.D

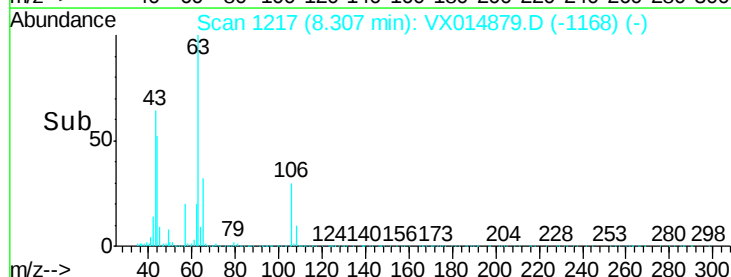
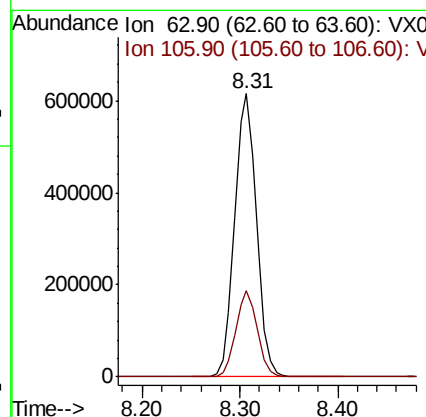
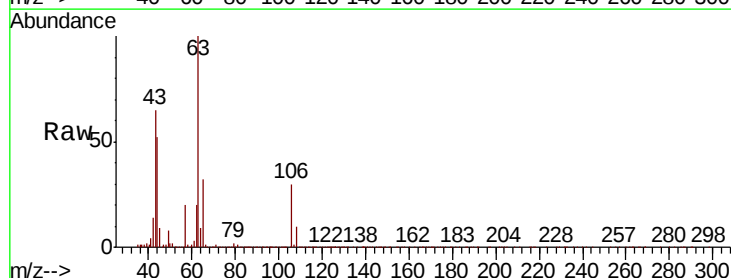
Acq: 10 Feb 2020 11:01

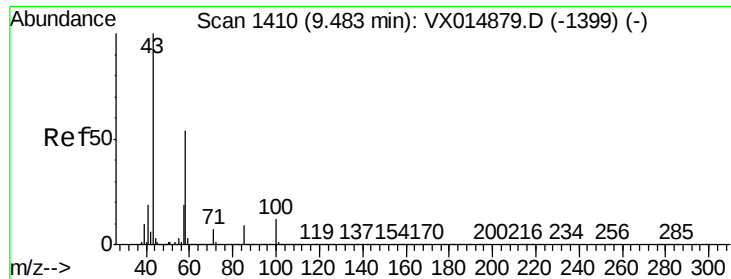
Tgt Ion: 63 Resp: 950851

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8





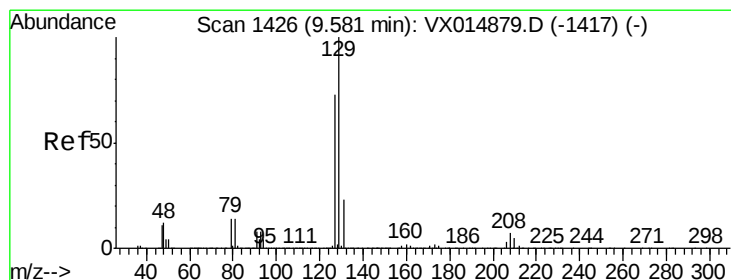
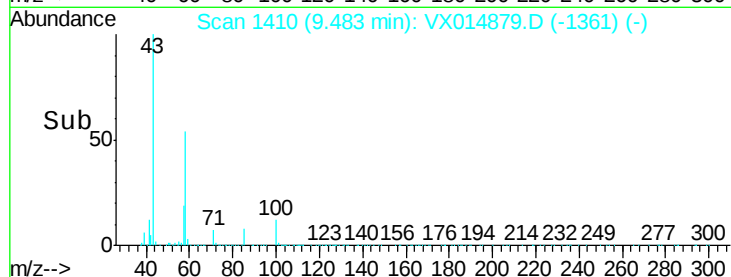
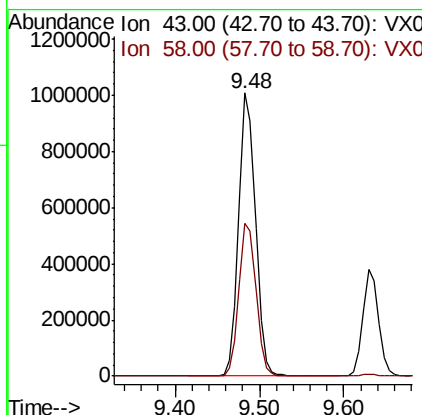
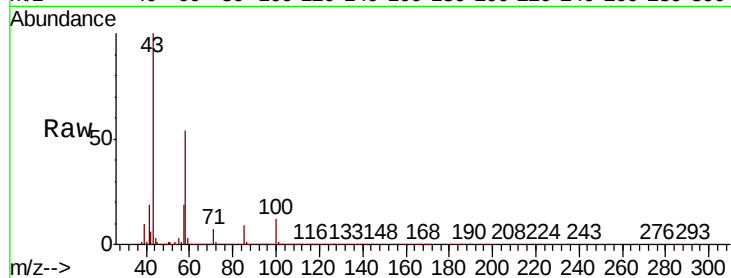
#59  
2-Hexanone  
Concen: 277.227 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion: 43 Resp: 1354509  
Ion Ratio Lower Upper  
43 100  
58 55.0 27.5 82.5

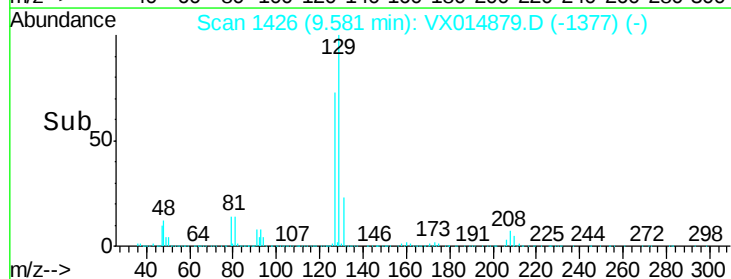
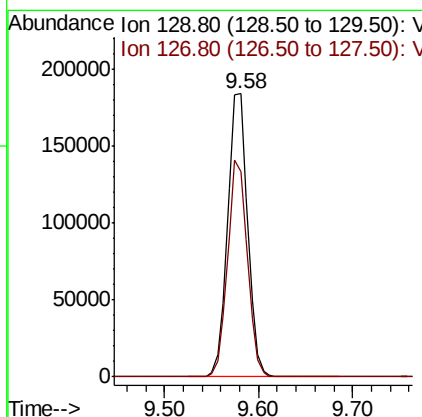
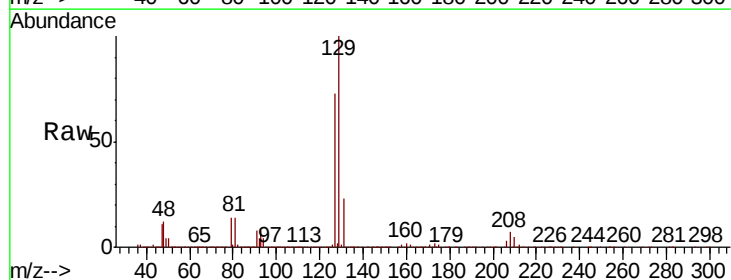
Manual Integrations  
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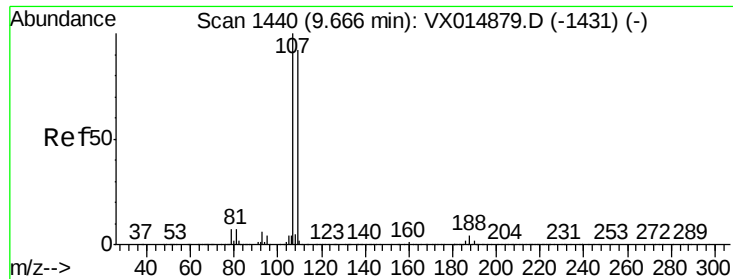
MMDadoda  
2/11/2020 10:36:11 AM



#60  
Dibromochloromethane  
Concen: 55.659 ug/l  
RT: 9.58 min Scan# 1426  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Tgt Ion: 129 Resp: 271509  
Ion Ratio Lower Upper  
129 100  
127 75.5 37.8 113.3





#61

1,2-Dibromoethane

Concen: 50.966 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 259314

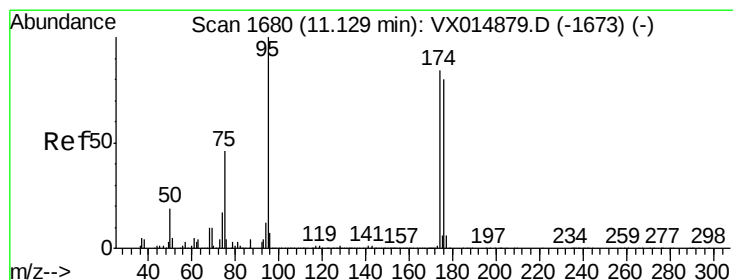
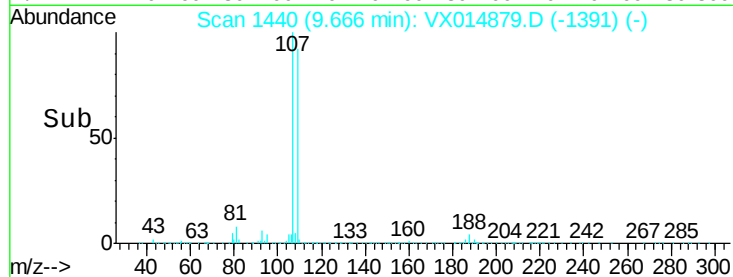
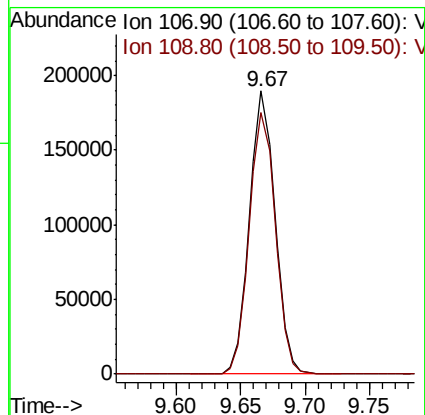
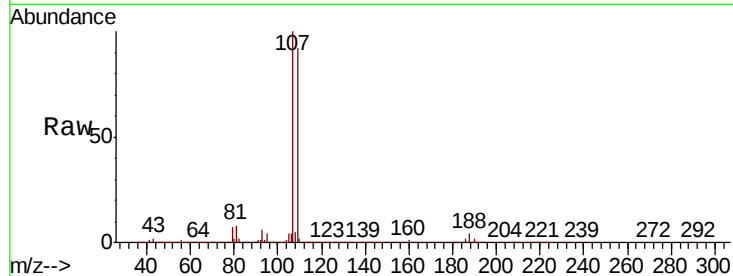
Ion Ratio Lower Upper

107 100

109 94.5 75.6 113.4

Manual Integrations  
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2/11/2020 10:36:11 AM



#62

4-Bromofluorobenzene

Concen: 49.506 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

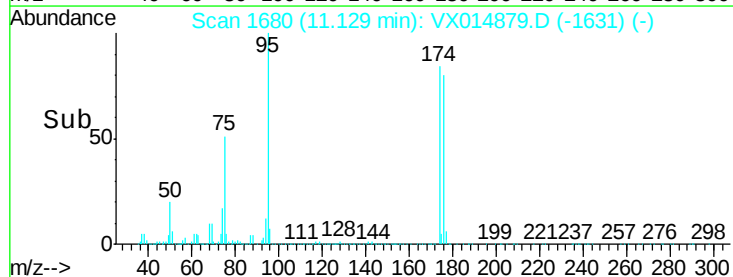
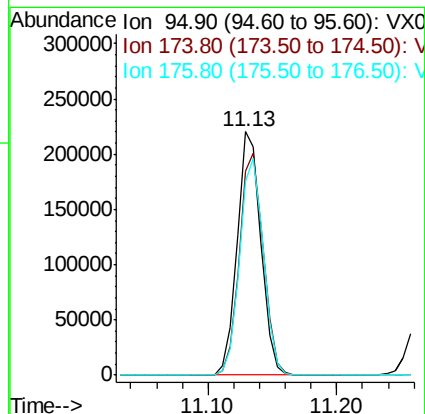
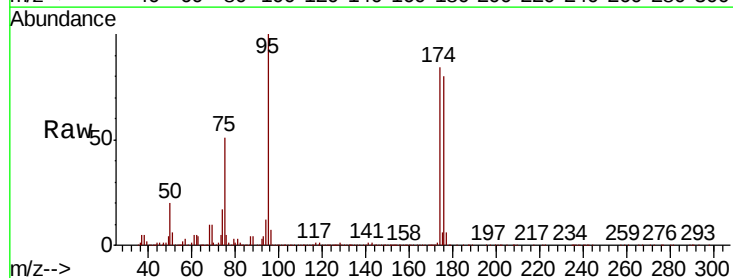
Tgt Ion: 95 Resp: 282432

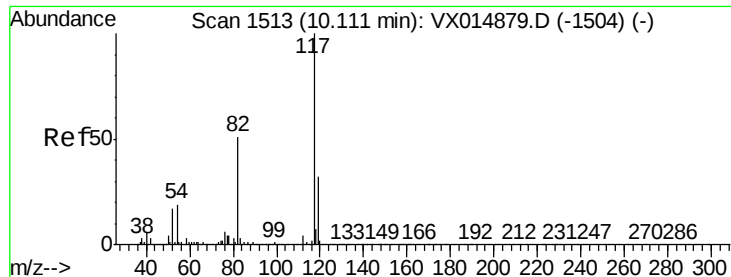
Ion Ratio Lower Upper

95 100

174 91.5 0.0 183.0

176 89.0 0.0 178.0





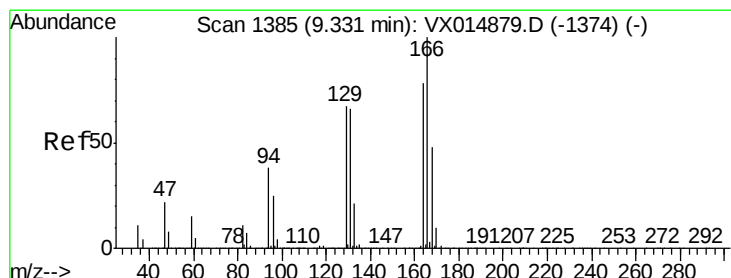
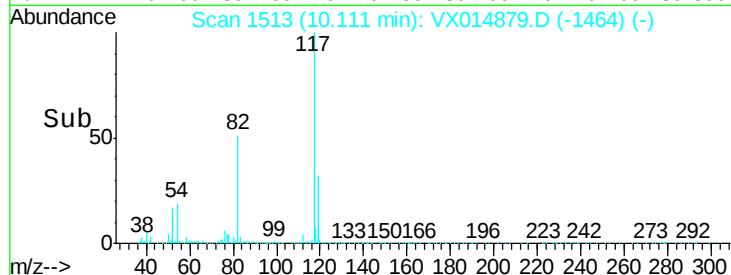
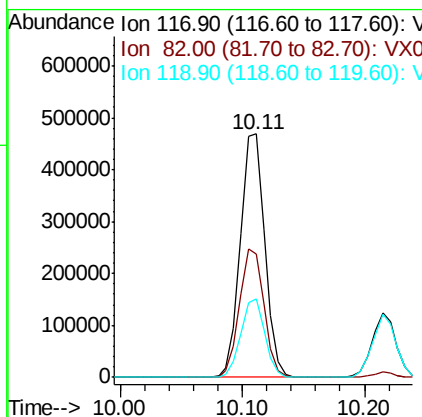
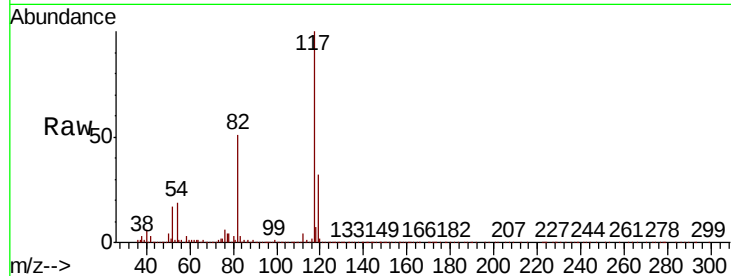
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 50.6  | 40.5  | 60.7  |
| 119     | 32.2  | 25.8  | 38.6  |

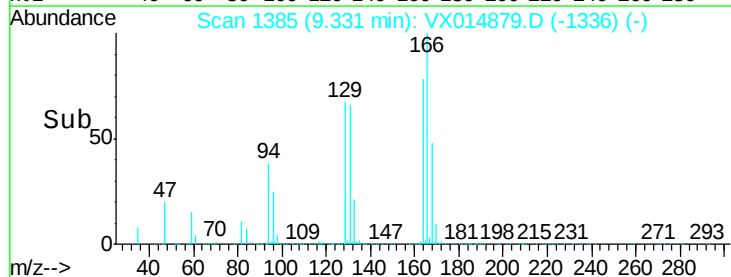
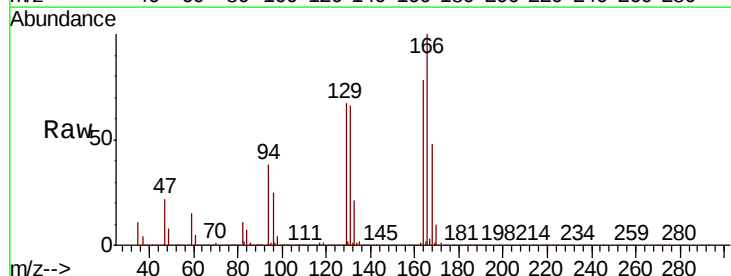
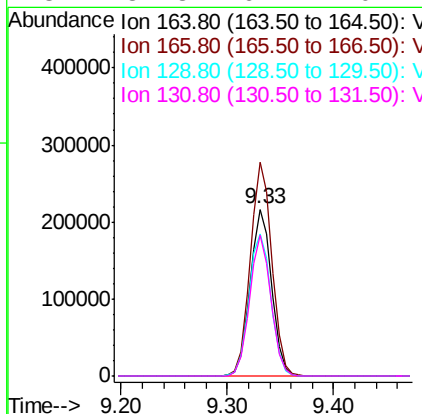
Manual Integrations  
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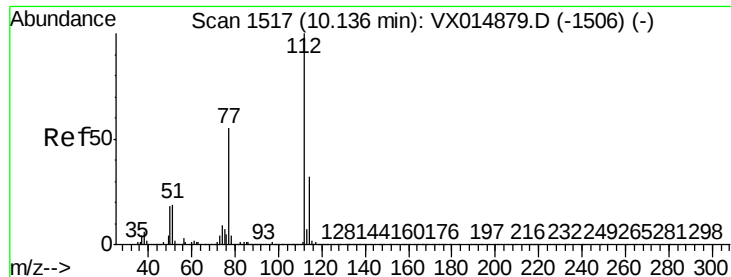
MMDadoda  
2/11/2020 10:36:11 AM



#64  
Tetrachloroethene  
Concen: 51.656 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.2 | 102.6 | 153.8 |
| 129     | 85.4  | 68.3  | 102.5 |
| 131     | 84.3  | 67.4  | 101.2 |





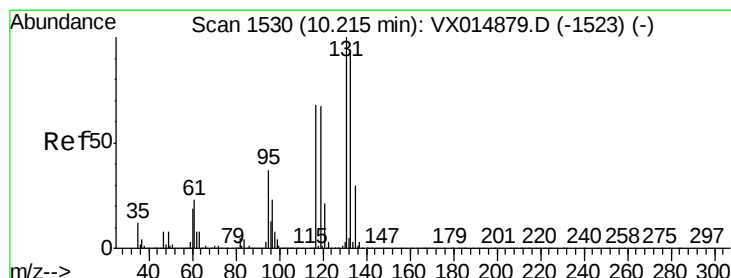
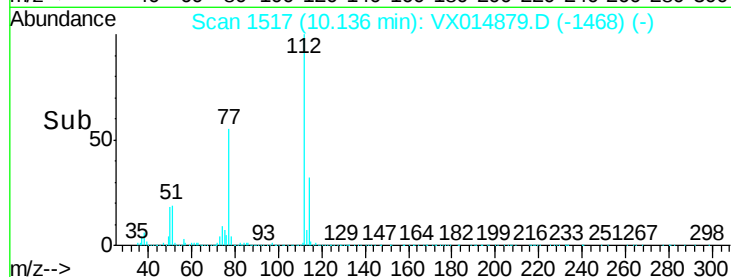
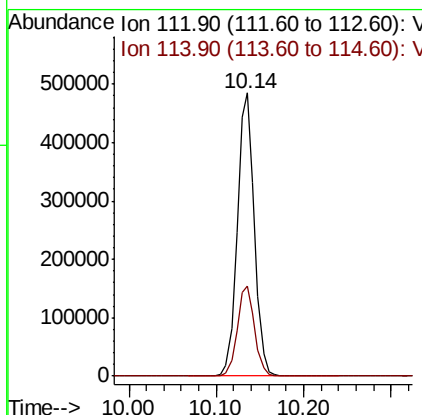
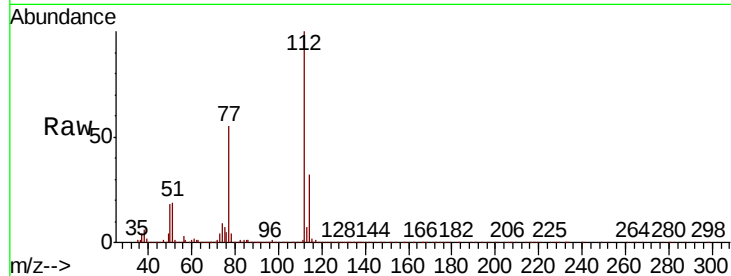
#65  
Chlorobenzene  
Concen: 50.158 ug/l  
RT: 10.14 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.0  | 25.6  | 38.4  |

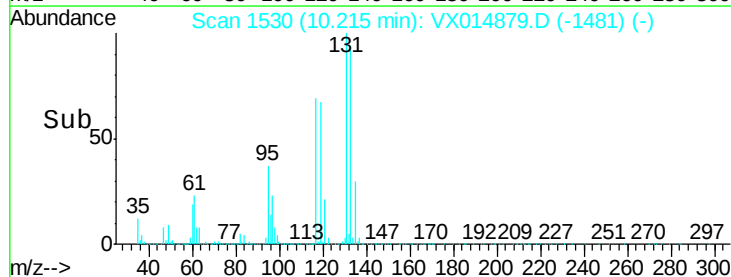
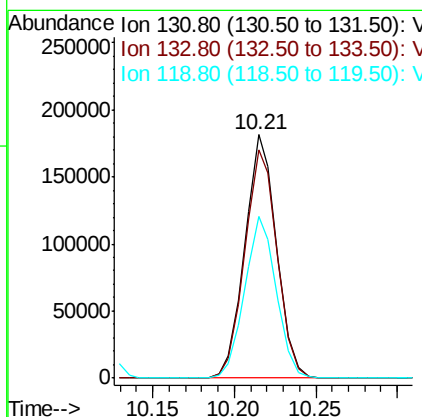
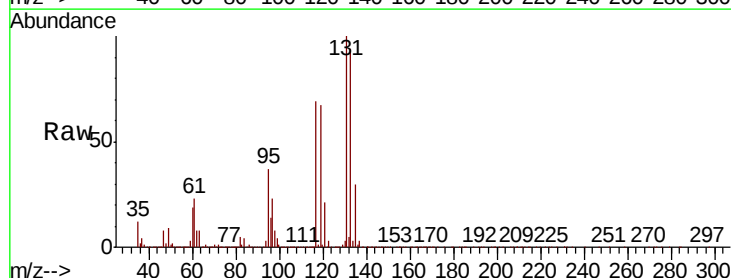
Manual Integrations  
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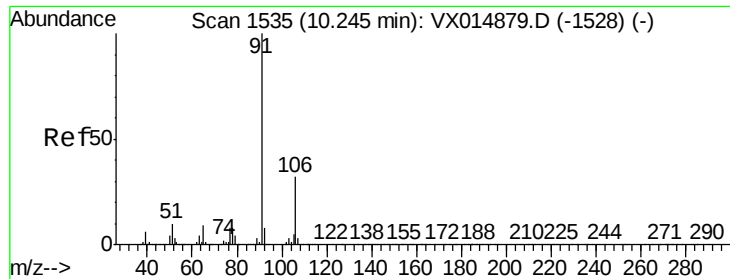
MMDadoda  
2/11/2020 10:36:11 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.385 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.3  | 48.1  | 144.4 |
| 119     | 66.0  | 33.0  | 99.0  |





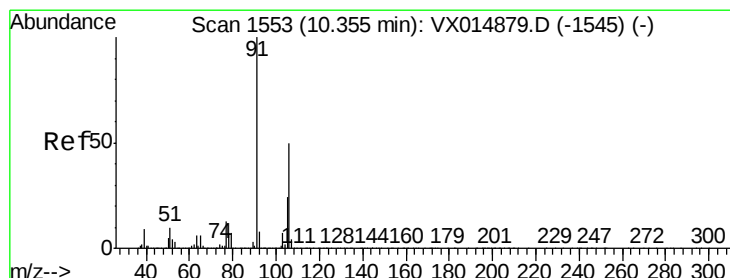
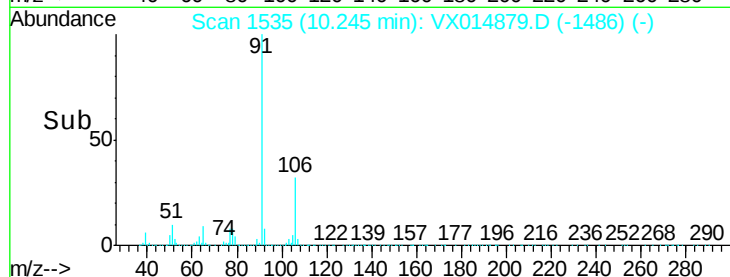
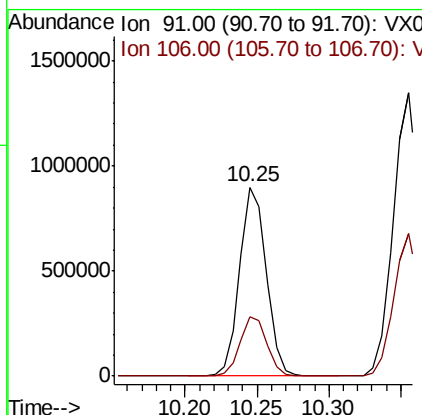
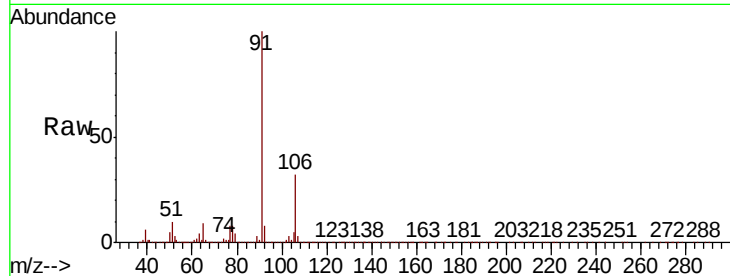
#67  
Ethyl Benzene  
Concen: 52.839 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion: 91 Resp: 1161251  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.3 37.9

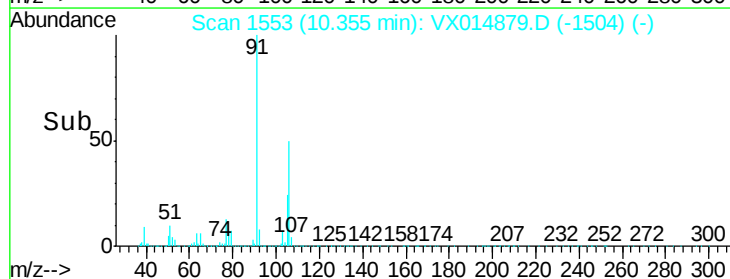
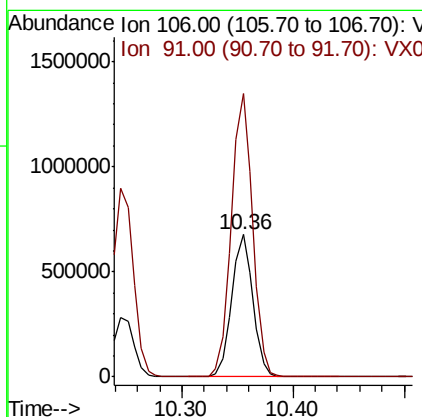
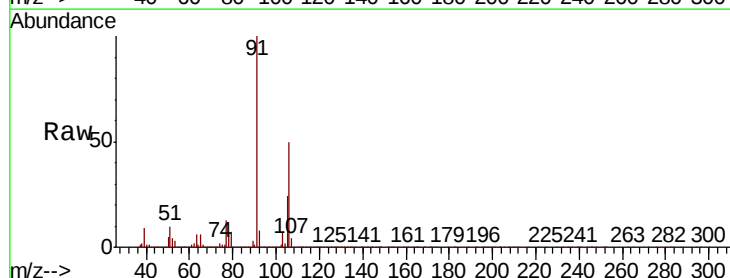
Manual Integrations  
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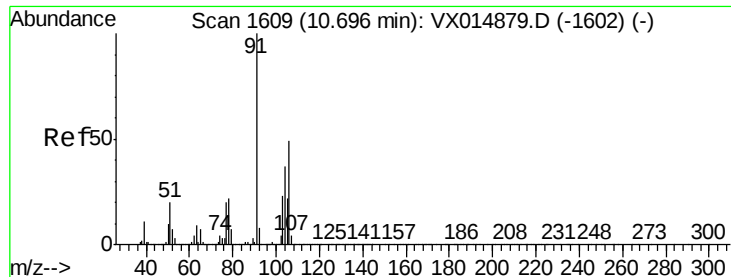
MMDadoda  
2/11/2020 10:36:11 AM



#68  
m/p-Xylenes  
Concen: 104.869 ug/l  
RT: 10.36 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Tgt Ion: 106 Resp: 885276  
Ion Ratio Lower Upper  
106 100  
91 200.7 160.6 240.8





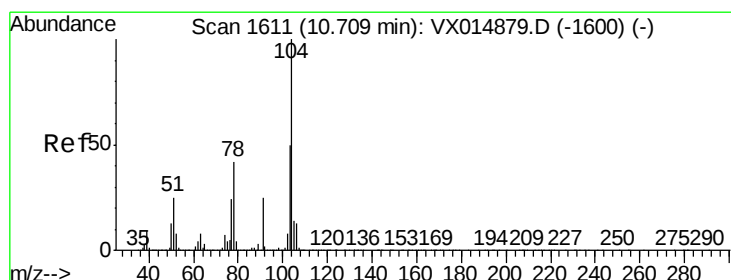
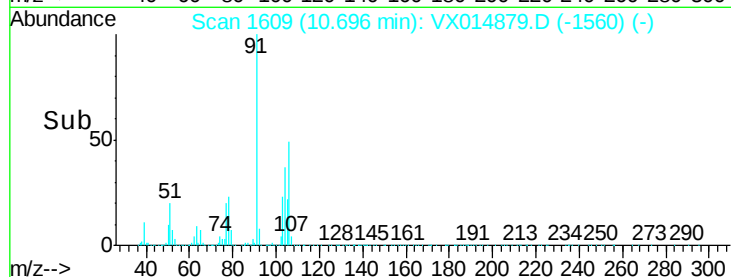
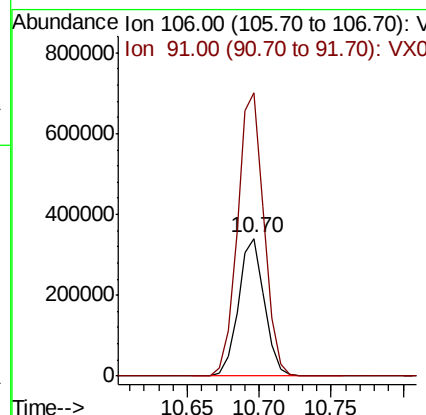
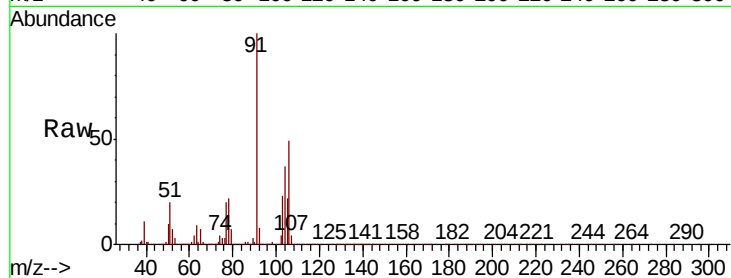
#69  
o-Xylene  
Concen: 52.722 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 210.2 | 105.1 | 315.3 |

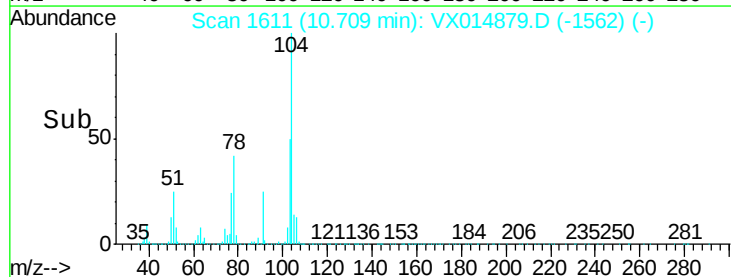
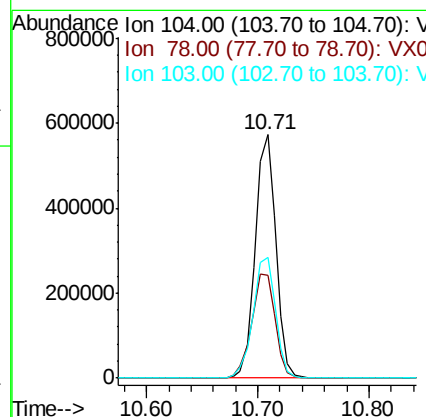
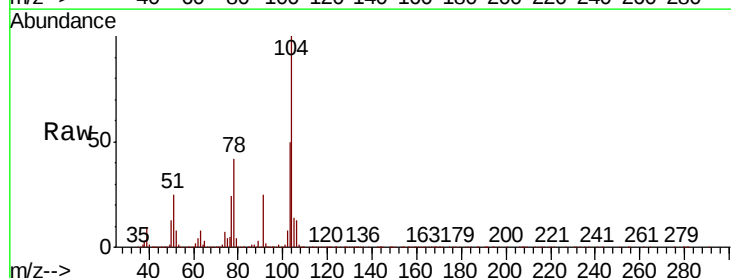
Manual Integrations  
APPROVED

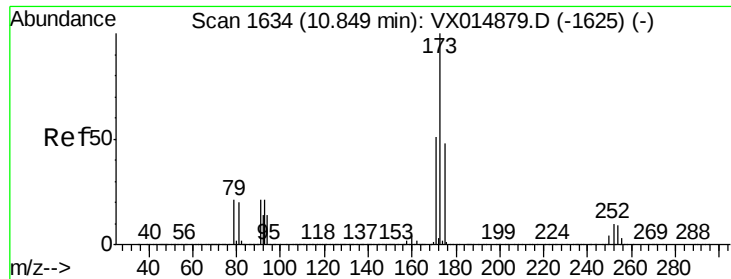
MMDadoda  
2/11/2020 10:36:11 AM



#70  
Styrene  
Concen: 55.153 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.7  | 39.0  | 58.4  |
| 103     | 54.2  | 43.4  | 65.0  |





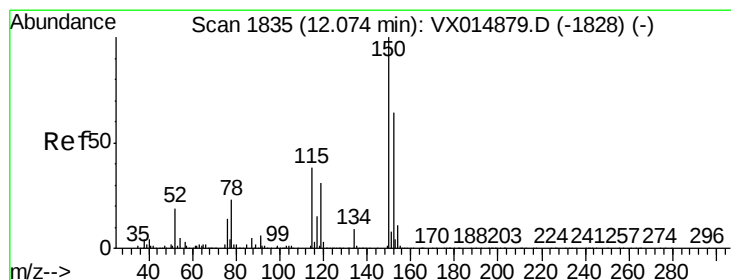
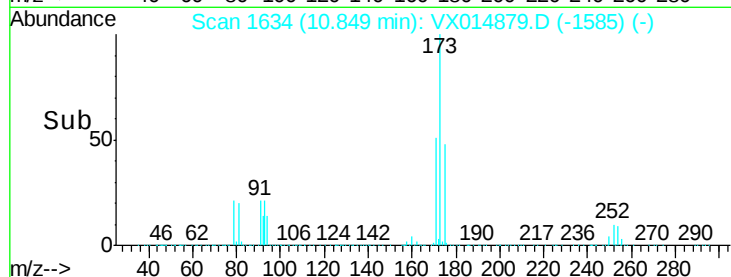
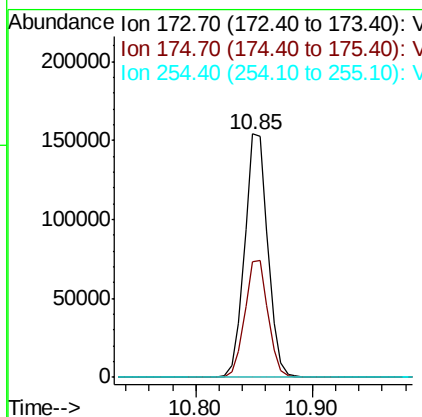
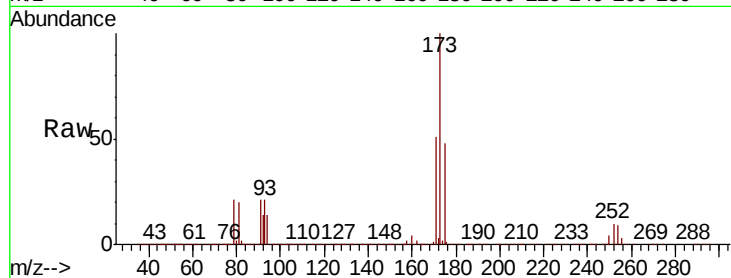
#71  
Bromoform  
Concen: 57.150 ug/l  
RT: 10.85 min Scan# 1634  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.4  | 24.2  | 72.6  |
| 254     | 0.2   | 0.2   | 0.2   |

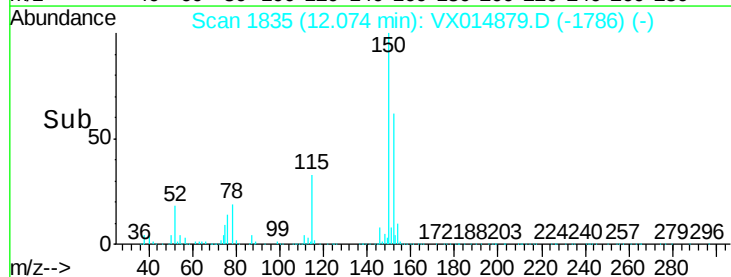
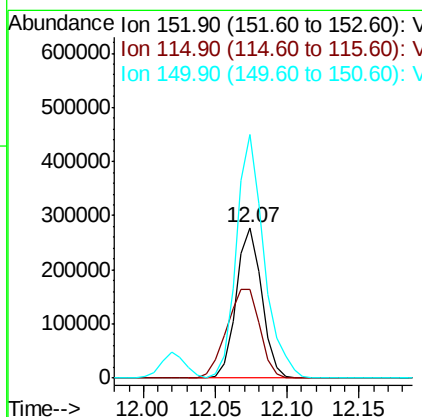
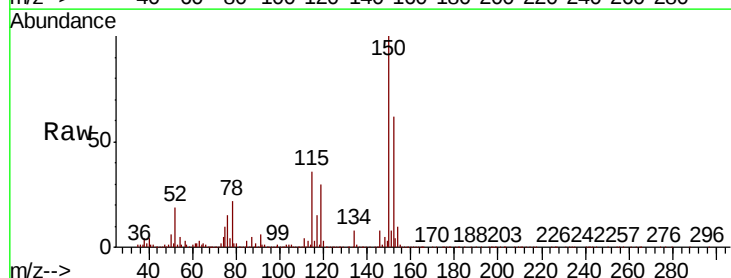
Manual Integrations  
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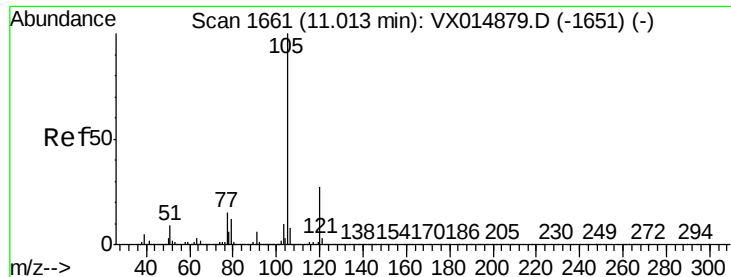
MMDadoda  
2/11/2020 10:36:11 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 77.3  | 38.6  | 116.0 |
| 150     | 174.5 | 0.0   | 349.0 |





#73

Isopropylbenzene

Concen: 53.713 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

ClientSampled :

VSTDICCC050

Tot Ion:105 Resp: 1149931

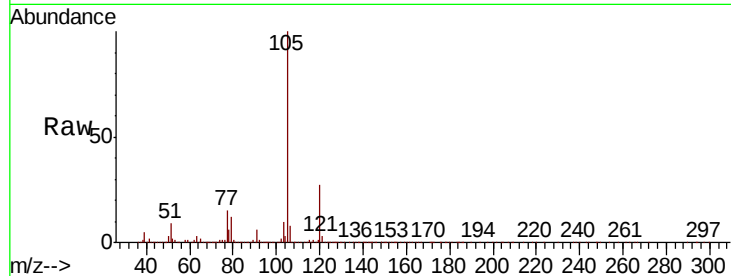
Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

800000

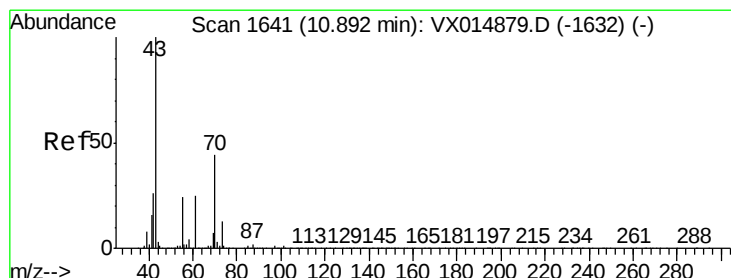
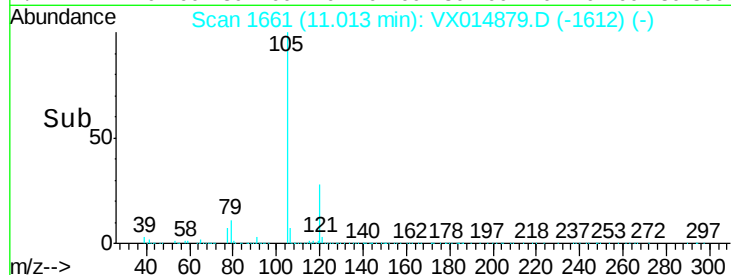
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 58.499 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Tgt Ion: 43 Resp: 493958

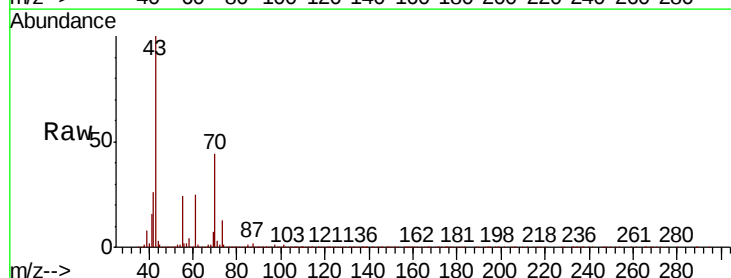
Ion Ratio Lower Upper

43 100

70 43.7 35.0 52.4

55 24.3 19.4 29.2

61 24.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

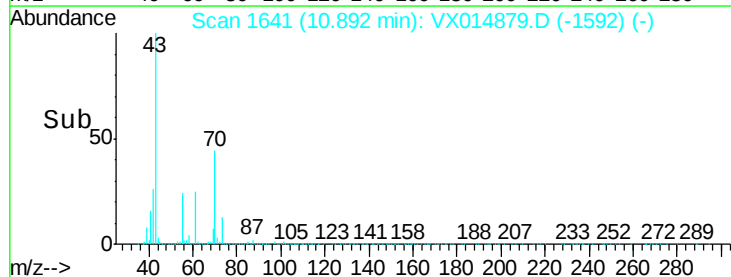
10.89

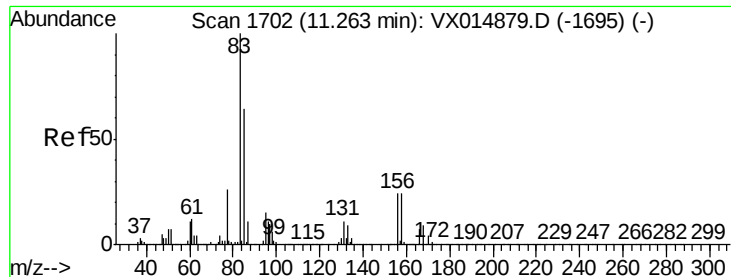
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 50.550 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

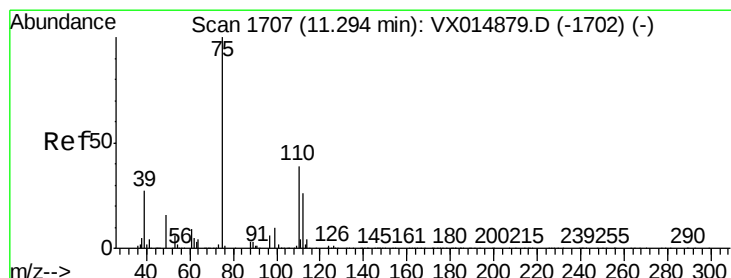
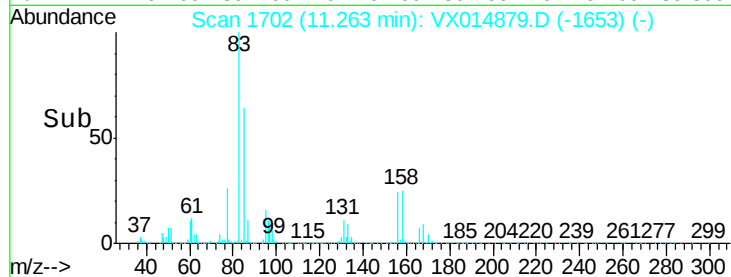
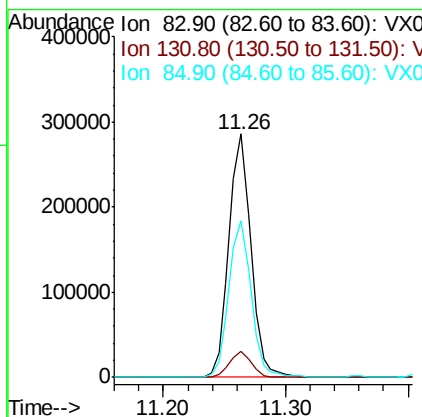
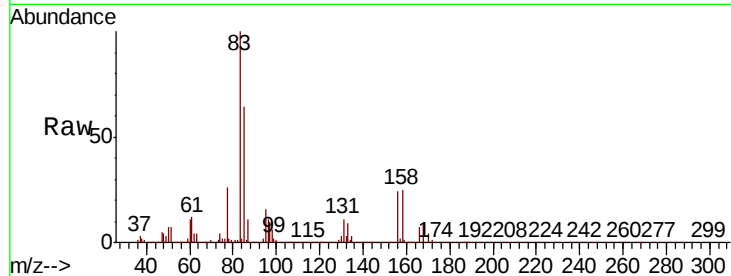
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 356352 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.7  | 5.3   | 16.1   |
| 85        | 65.1  | 32.6  | 97.7   |

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#76

1,2,3-Trichloropropane

Concen: 40.817 ug/l m

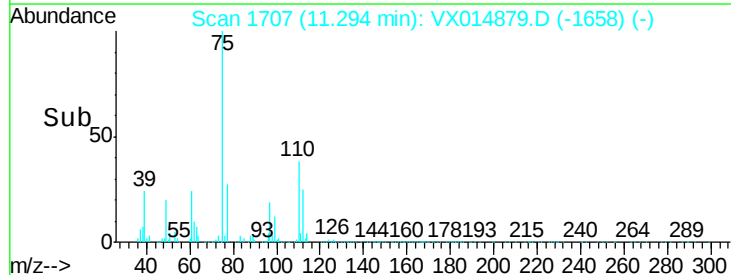
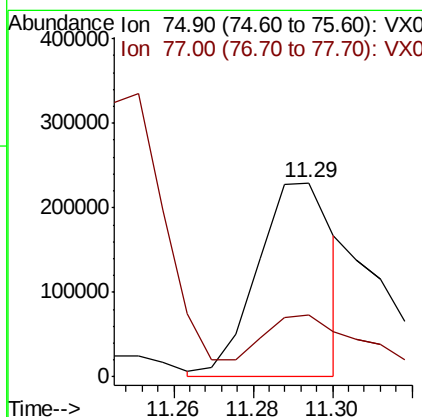
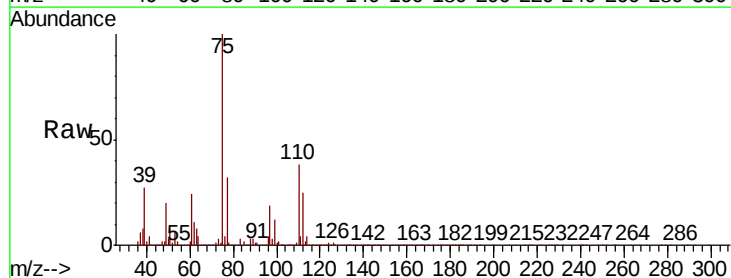
RT: 11.29 min Scan# 1707

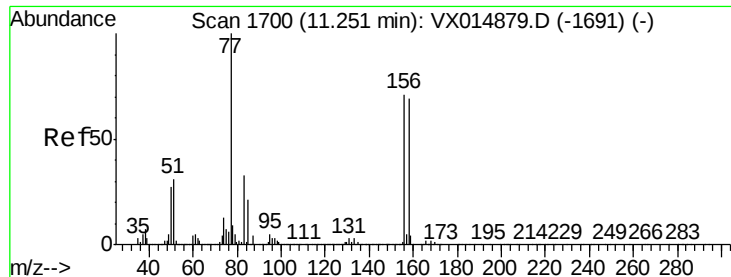
Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 302699 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 42.8  | 18.4  | 55.0   |





#77

Bromobenzene

Concen: 50.691 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

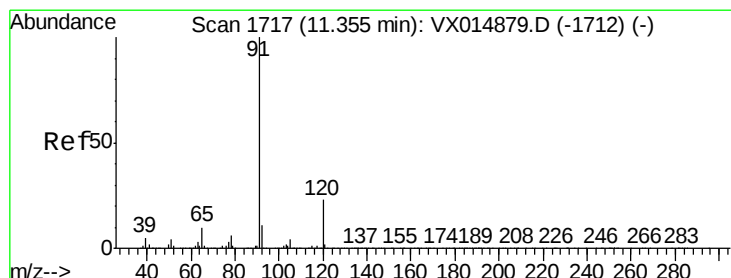
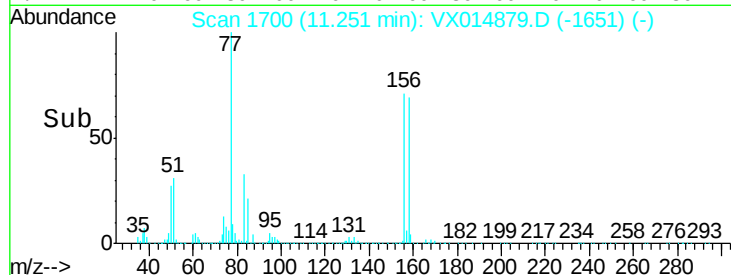
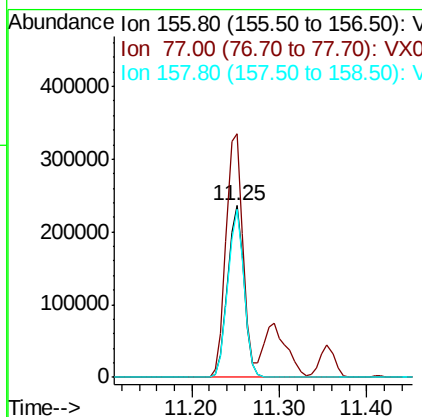
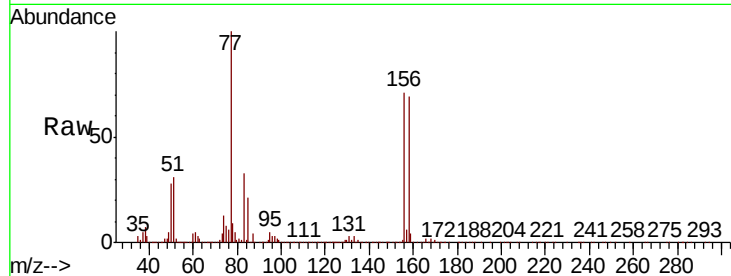
ClientSampleId :

VSTDICCC050

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 156     | 100   |       | 304766 |       |       |
| 77      | 148.0 | 74.0  | 222.0  |       |       |
| 158     | 97.7  | 48.9  | 146.6  |       |       |

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#78

n-propylbenzene

Concen: 53.345 ug/l

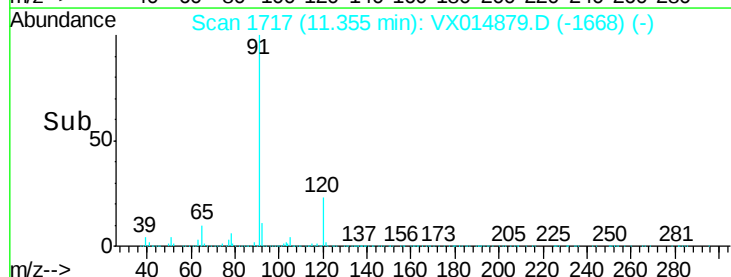
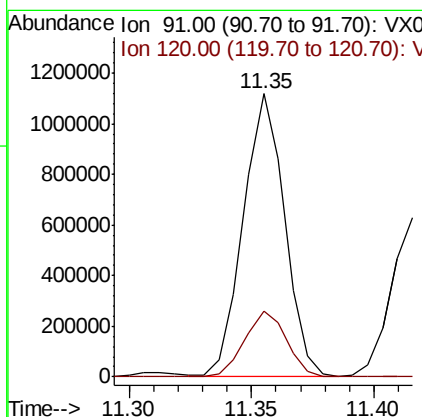
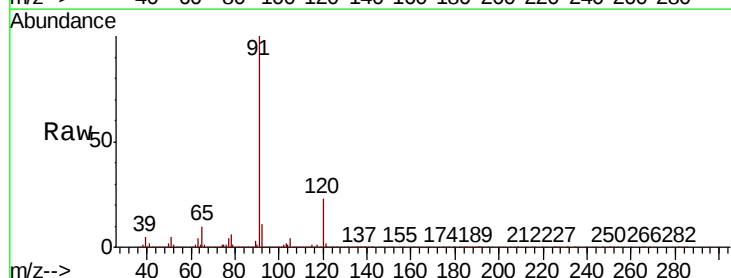
RT: 11.35 min Scan# 1717

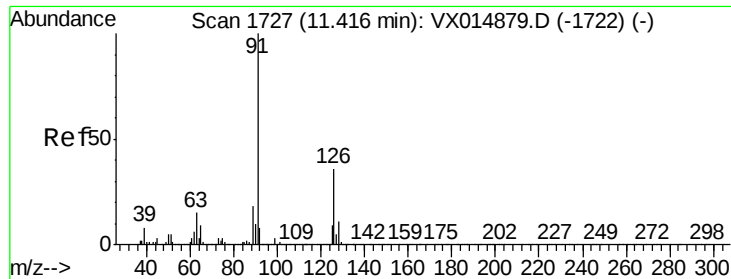
Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 91      | 100  |       | 1315831 |       |       |
| 120     | 23.6 | 11.8  | 35.4    |       |       |





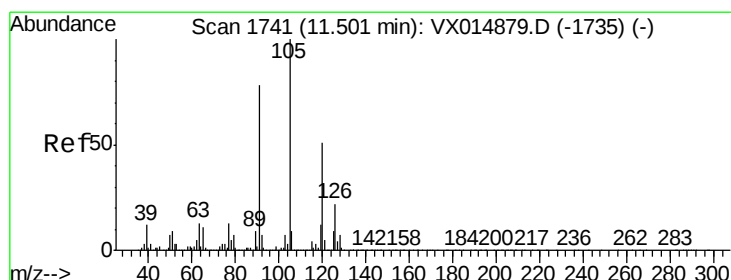
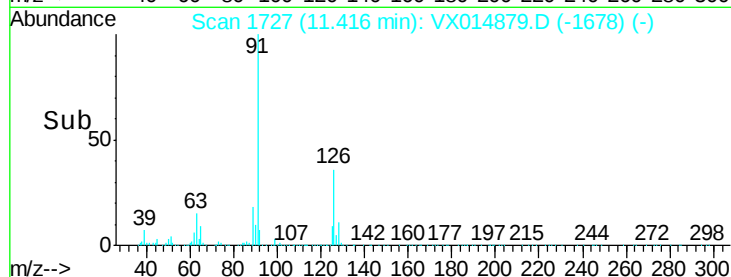
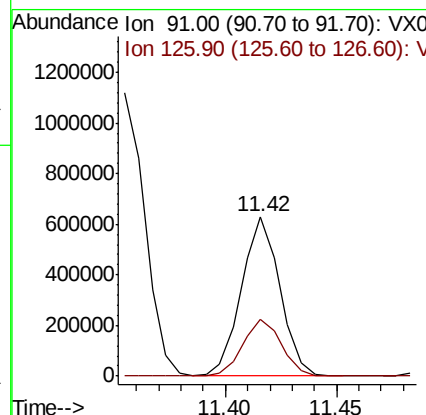
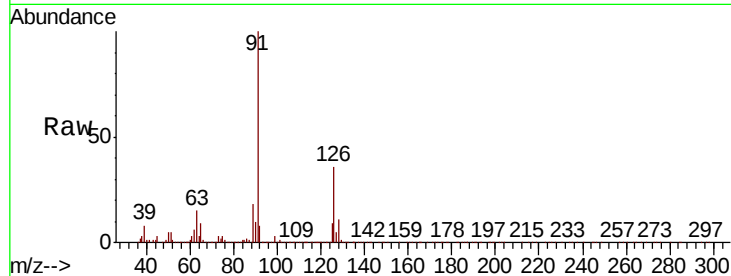
#79  
2-Chlorotoluene  
Concen: 51.875 ug/l  
RT: 11.42 min Scan# 1727  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion: 91 Resp: 757120  
Ion Ratio Lower Upper  
91 100  
126 36.0 18.0 54.0

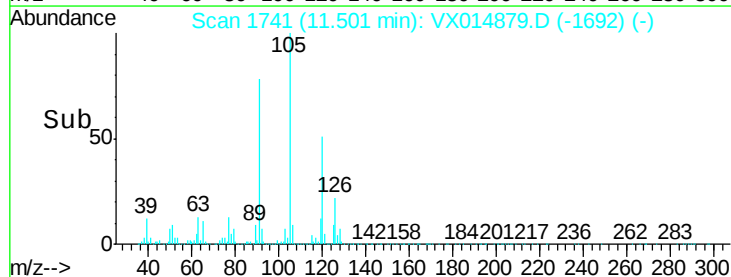
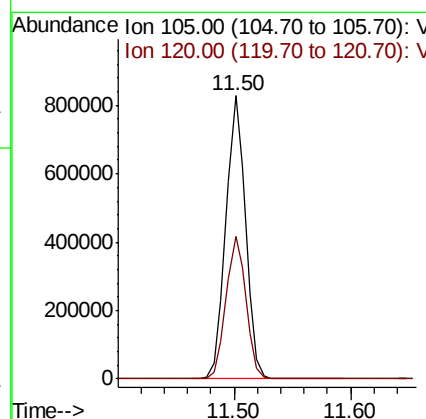
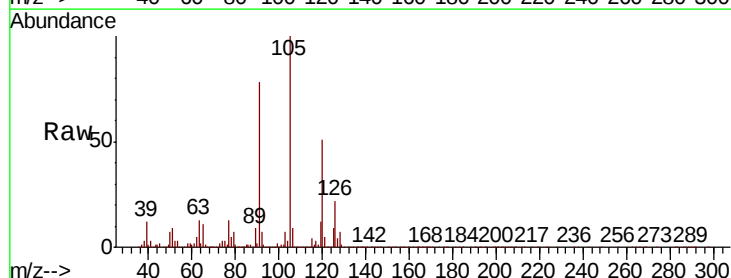
Manual Integrations  
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#80  
1,3,5-Trimethylbenzene  
Concen: 54.775 ug/l  
RT: 11.50 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Tgt Ion: 105 Resp: 961822  
Ion Ratio Lower Upper  
105 100  
120 51.1 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 62.701 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

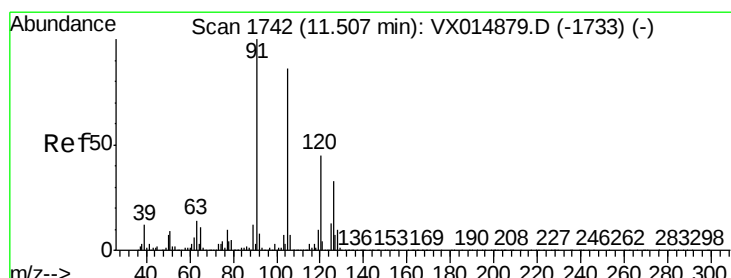
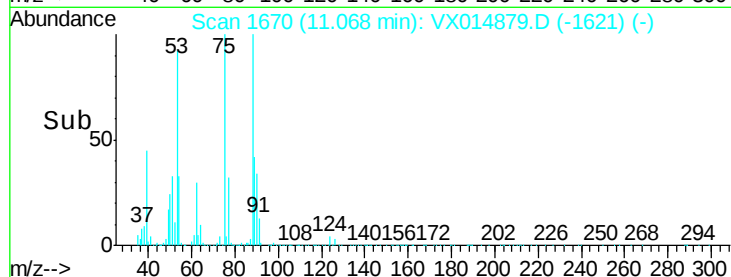
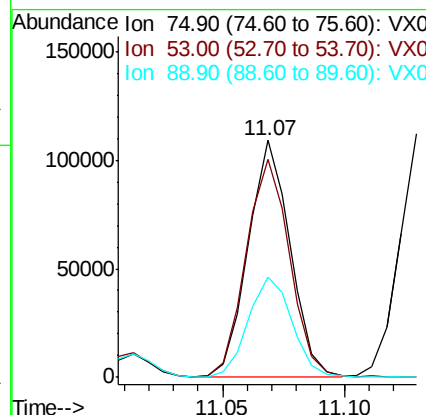
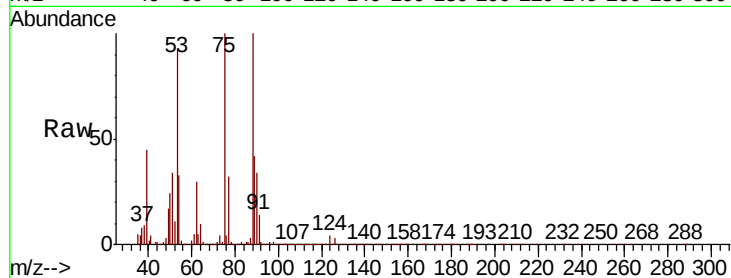
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 129939 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 53        | 95.2  | 76.2  | 114.2  |
| 89        | 44.7  | 35.8  | 53.6   |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 52.525 ug/l

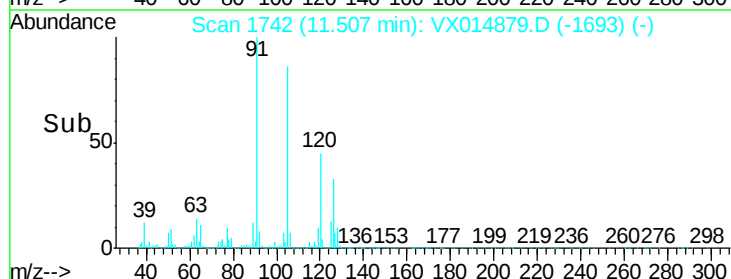
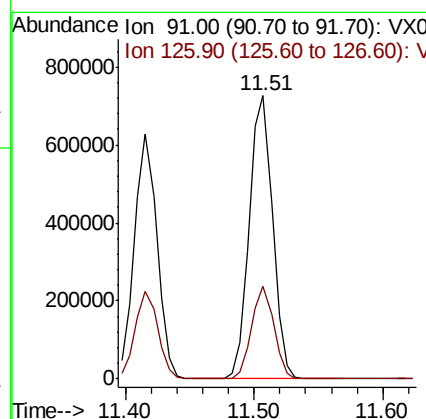
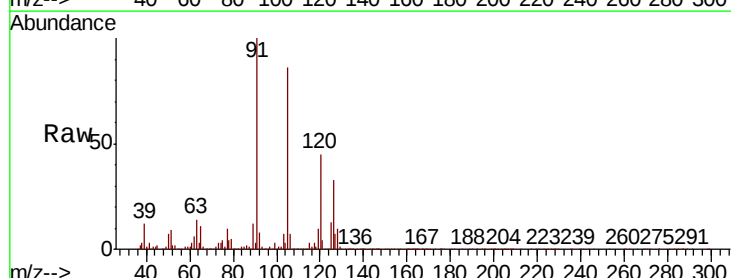
RT: 11.51 min Scan# 1742

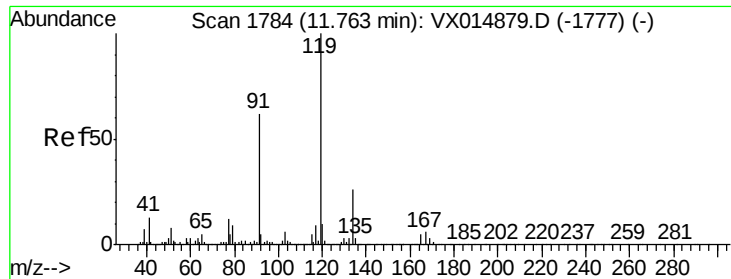
Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 902121 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 31.3  | 15.7  | 47.0   |





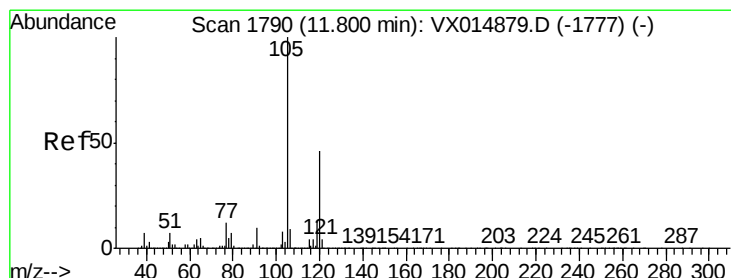
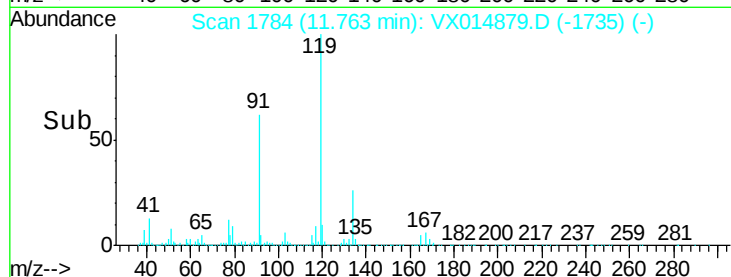
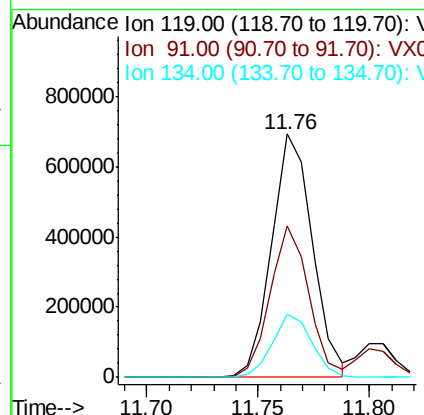
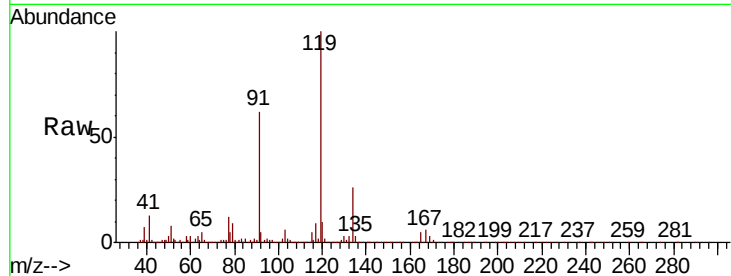
#83  
tert-Butylbenzene  
Concen: 52.551 ug/l  
RT: 11.76 min Scan# 1784  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 59.1  | 29.5  | 88.6  |
| 134     | 25.1  | 12.6  | 37.6  |

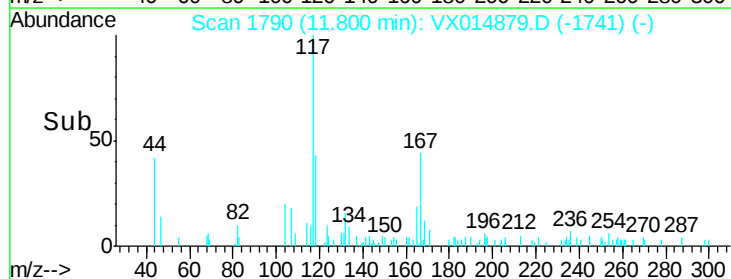
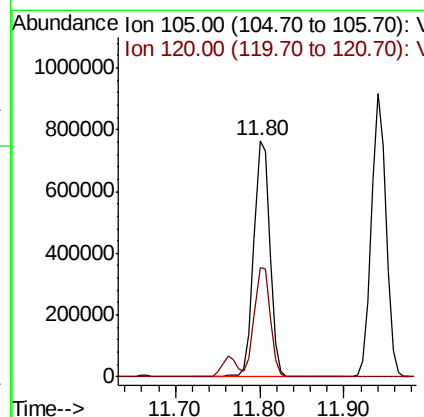
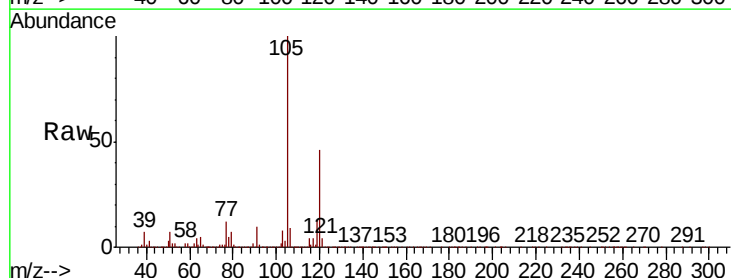
Manual Integrations  
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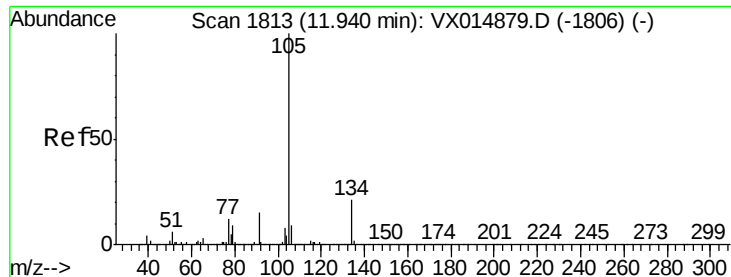
MMDadoda  
2/11/2020 10:36:11 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 54.283 ug/l  
RT: 11.80 min Scan# 1790  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.0  | 23.0  | 69.0  |





#85

sec-Butylbenzene

Concen: 53.402 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1113810

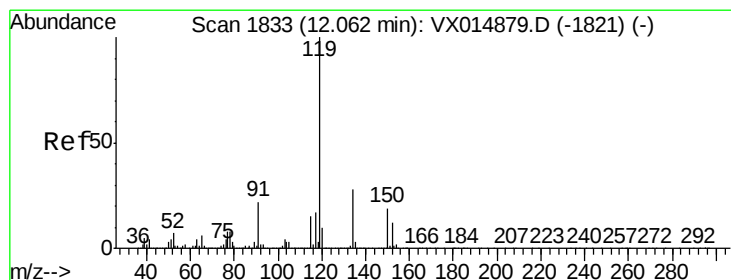
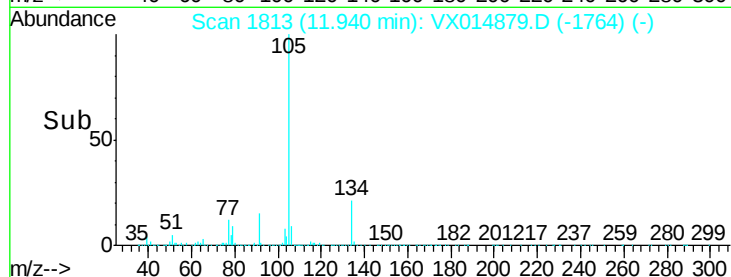
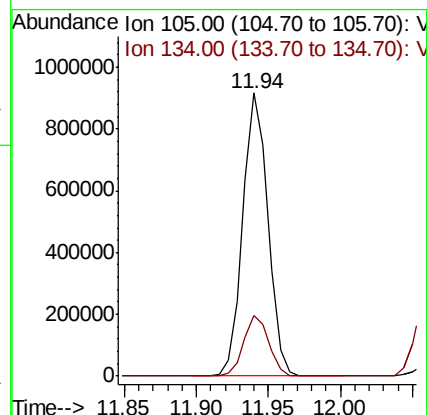
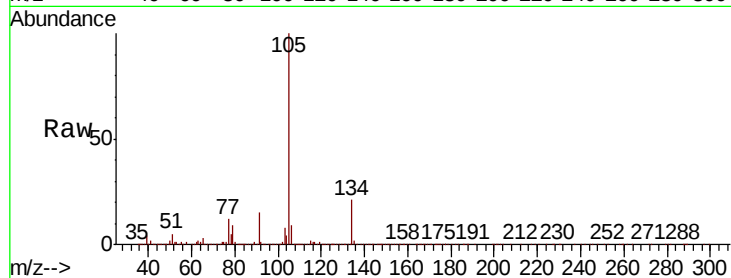
Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8

Manual Integrations  
APPROVED

MMDadoda  
2/11/2020 10:36:11 AM



#86

p-Isopropyltoluene

Concen: 54.123 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

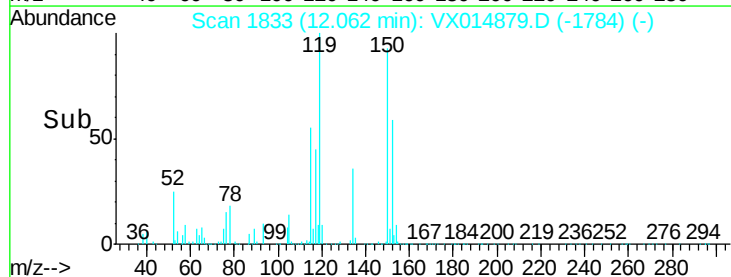
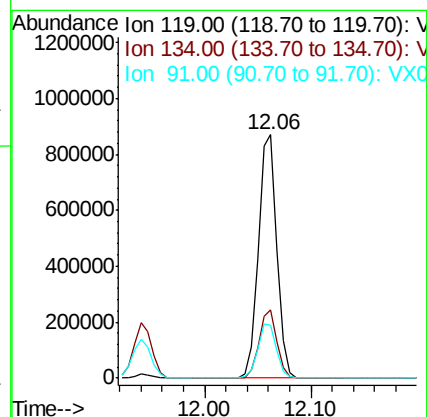
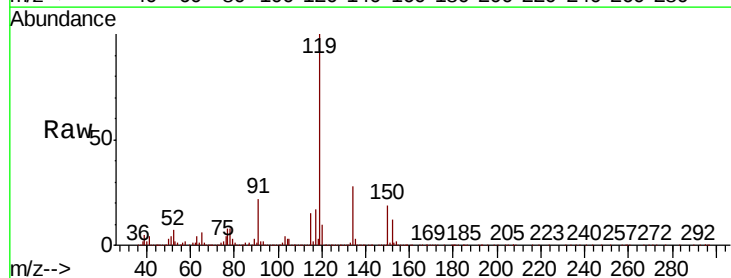
Tgt Ion:119 Resp: 1051834

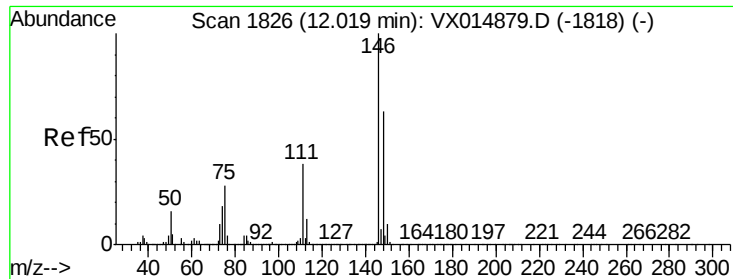
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 51.565 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014879.D

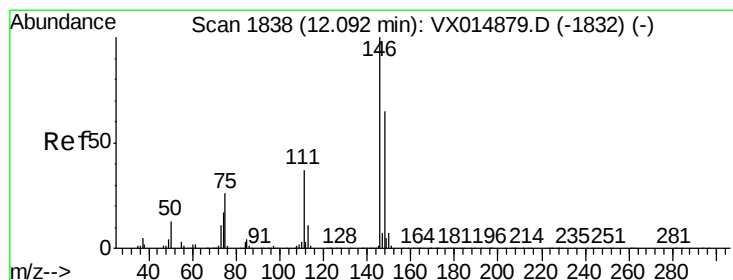
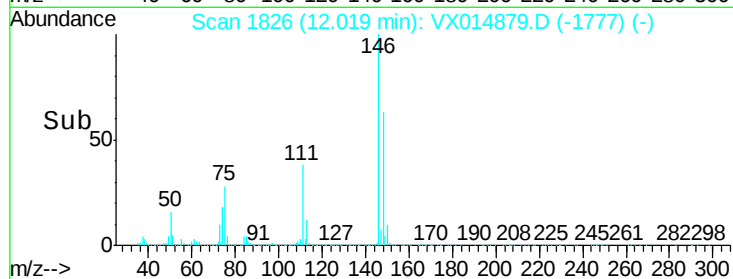
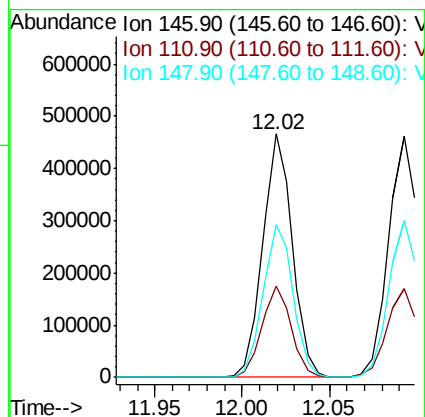
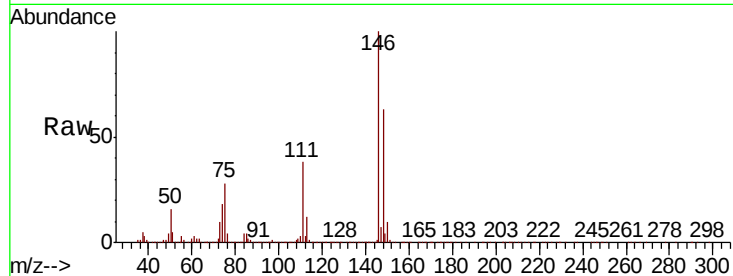
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.3  | 18.6  | 56.0  |
| 148     | 63.6  | 31.8  | 95.4  |

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#88

1,4-Dichlorobenzene

Concen: 51.371 ug/l

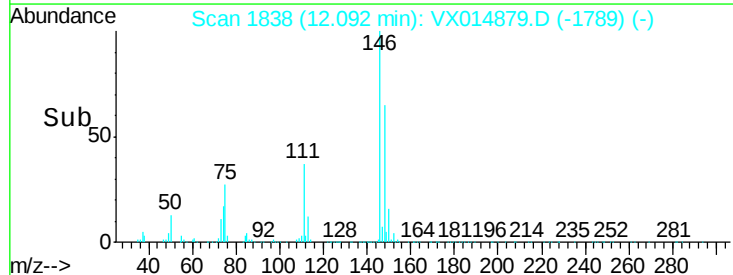
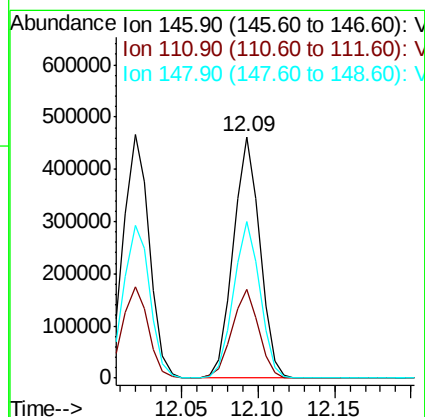
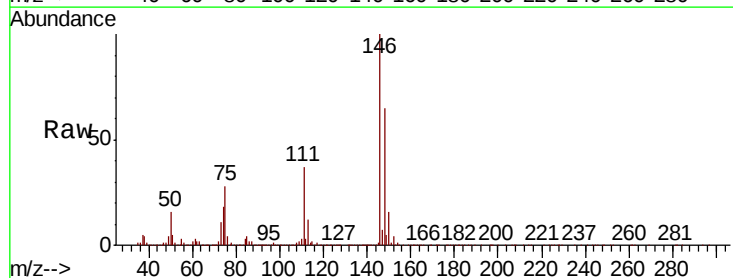
RT: 12.09 min Scan# 1838

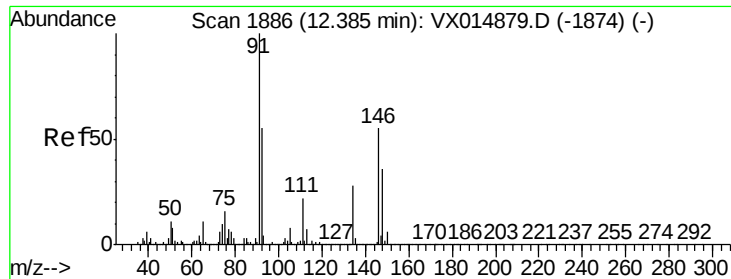
Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.1  | 18.6  | 55.6  |
| 148     | 64.7  | 32.4  | 97.0  |





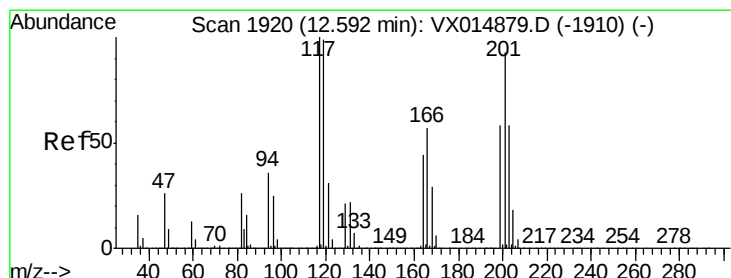
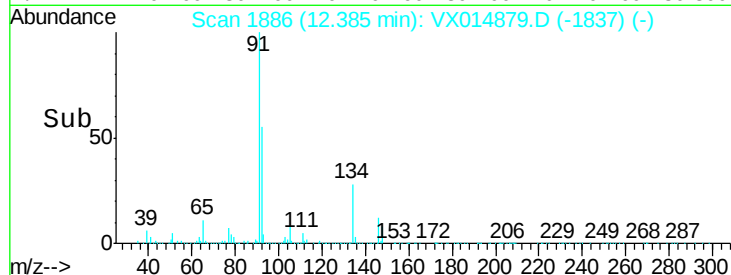
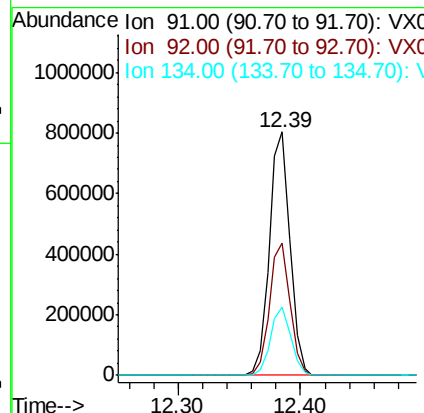
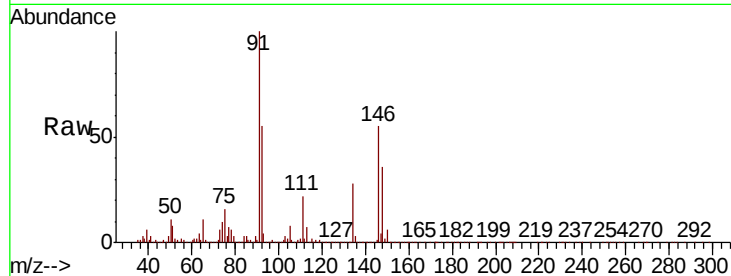
#89  
n-Butylbenzene  
Concen: 54.781 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.5  | 27.3  | 81.8  |
| 134     | 27.6  | 13.8  | 41.4  |

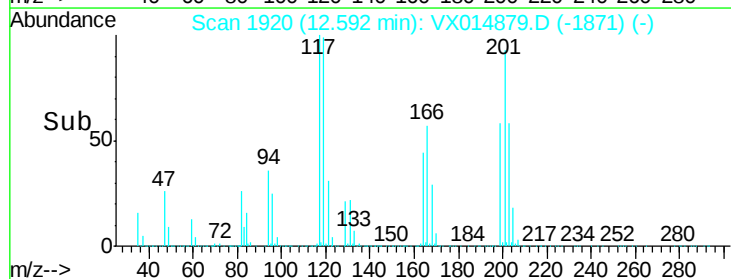
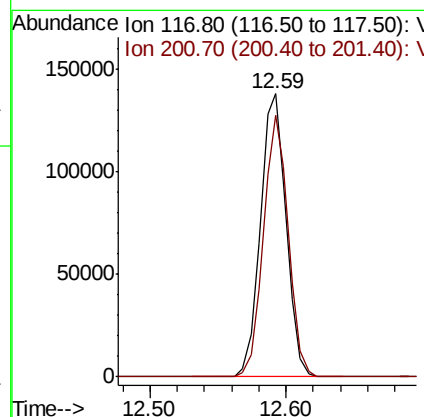
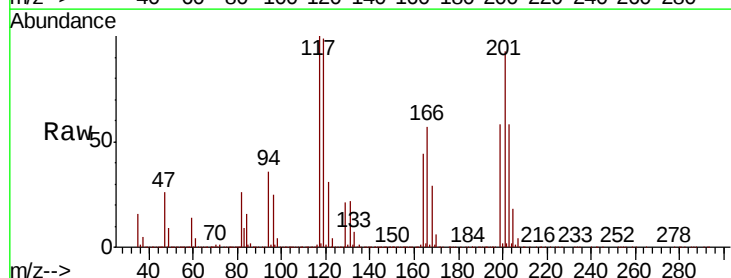
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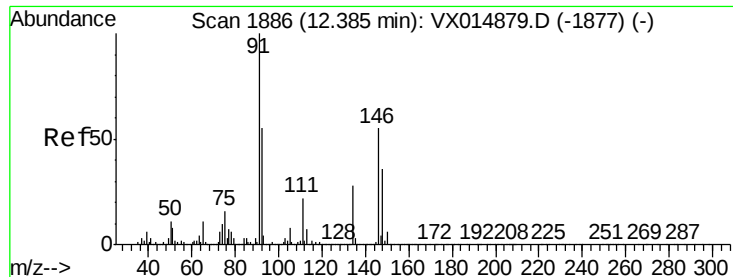
MMDadoda  
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#90  
Hexachloroethane  
Concen: 55.243 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 89.5  | 44.8  | 134.3 |





#91

1,2-Dichlorobenzene

Concen: 51.104 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

Instrument :

MSVOA\_X

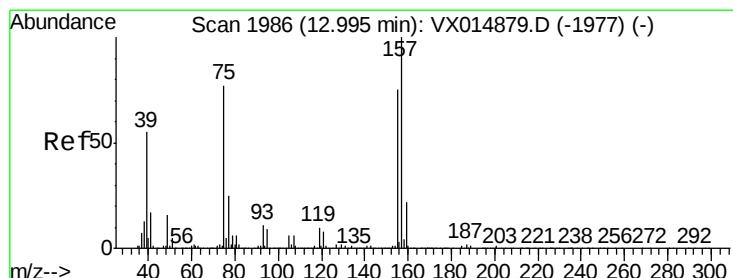
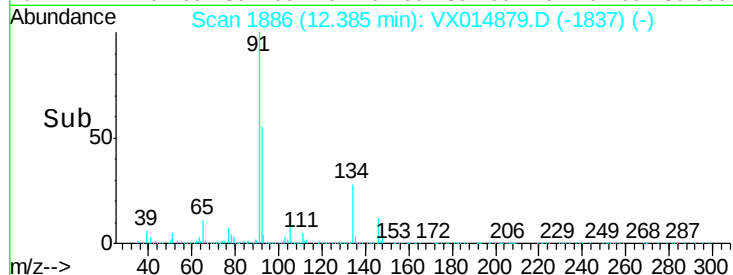
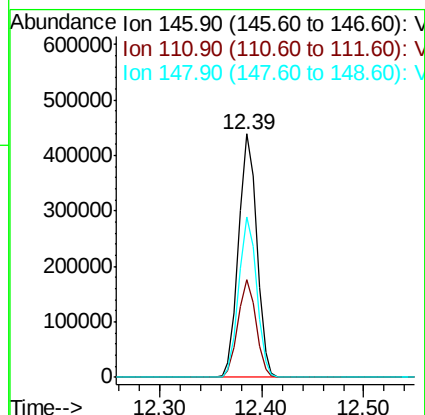
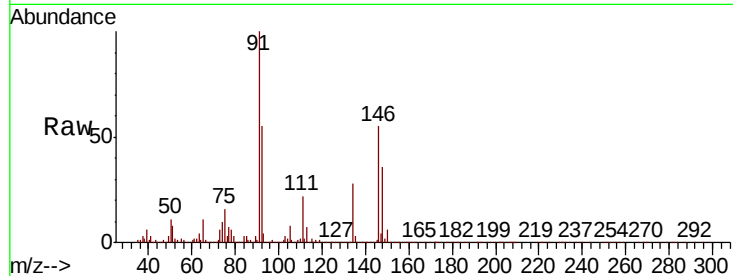
ClientSampleId :

VSTDICCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 146  | Resp: | 536509 |
| Ion Ratio |      | Lower | Upper  |
| 146       | 100  |       |        |
| 111       | 39.5 | 19.8  | 59.3   |
| 148       | 64.8 | 32.4  | 97.2   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.221 ug/l

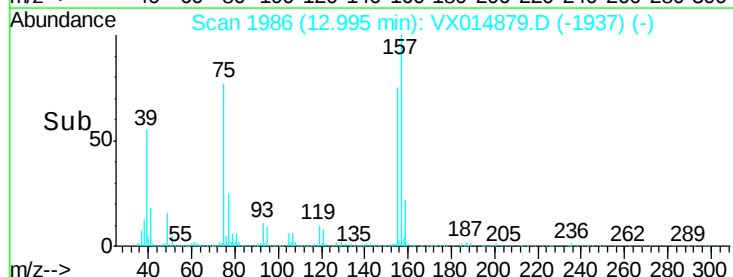
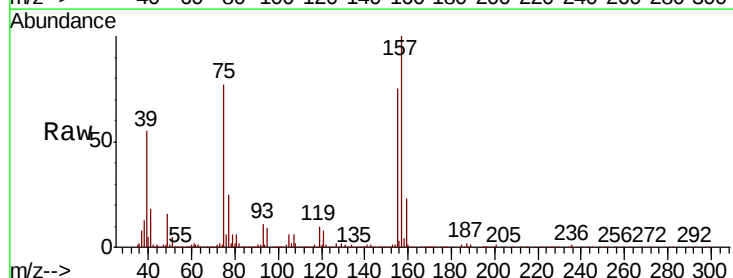
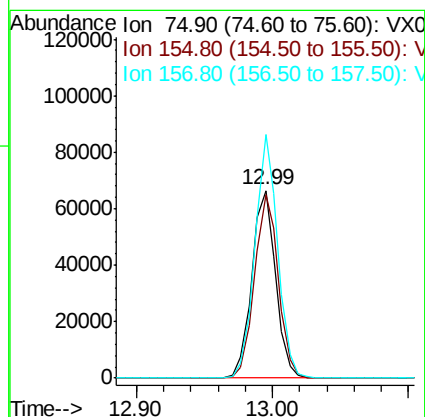
RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014879.D

Acq: 10 Feb 2020 11:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 82169 |
| Ion Ratio |       | Lower | Upper |
| 75        | 100   |       |       |
| 155       | 97.3  | 48.6  | 145.9 |
| 157       | 124.0 | 62.0  | 186.0 |





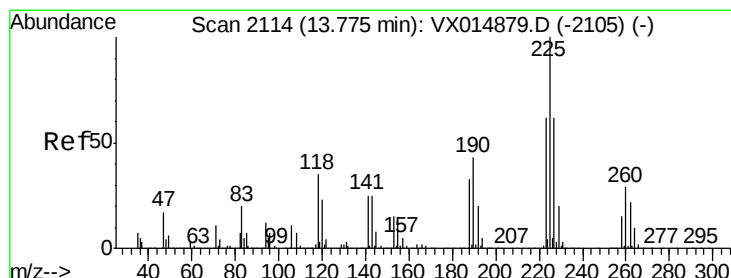
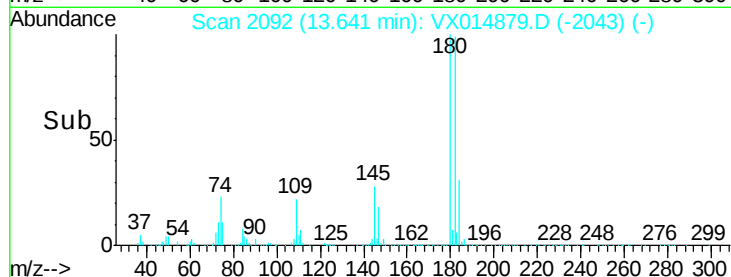
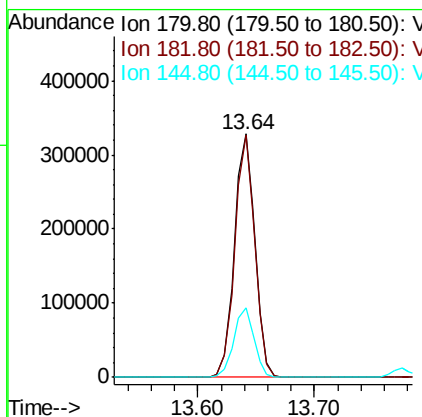
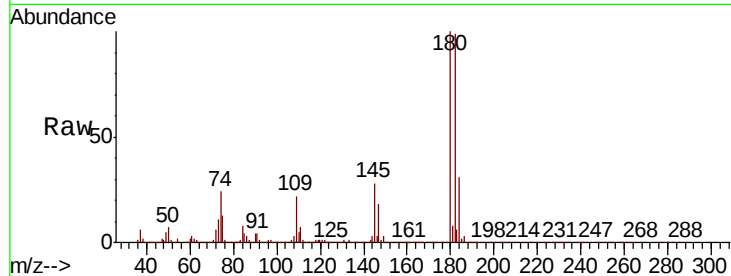
#93  
1,2,4-Trichlorobenzene  
Concen: 52.800 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 402448 |       |       |
| 182     | 96.9  | 48.4   | 145.3 |       |
| 145     | 28.3  | 14.1   | 42.4  |       |

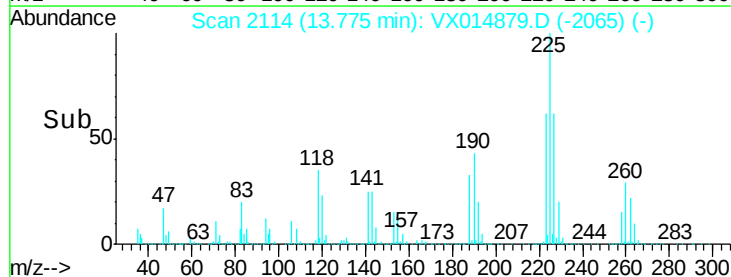
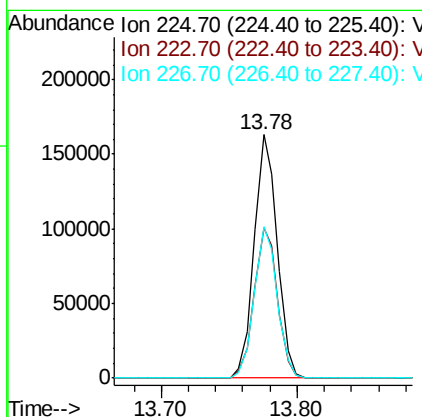
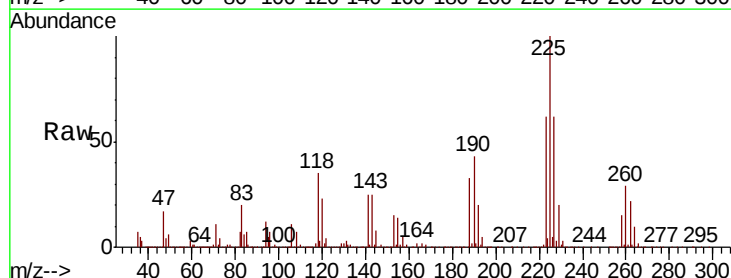
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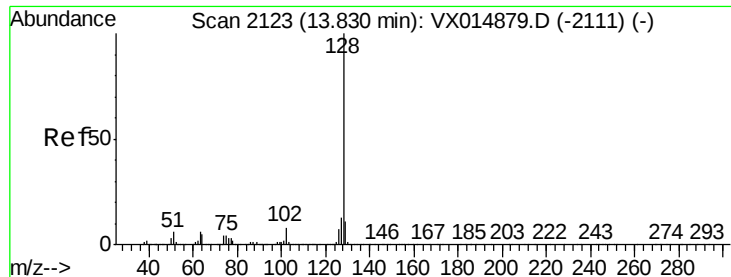
MMDadoda  
2/11/2020 10:36:11 AM



#94  
Hexachlorobutadiene  
Concen: 51.965 ug/l  
RT: 13.78 min Scan# 2114  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 195036 |       |       |
| 223     | 62.1  | 31.1   | 93.2  |       |
| 227     | 61.7  | 30.9   | 92.5  |       |





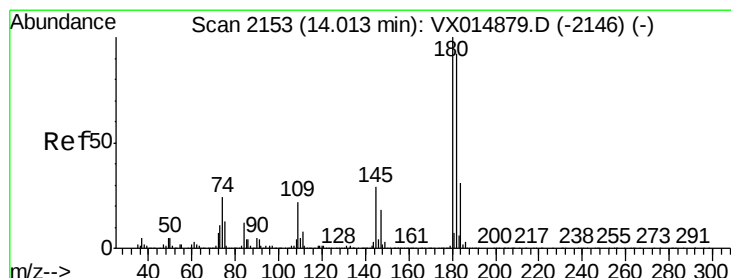
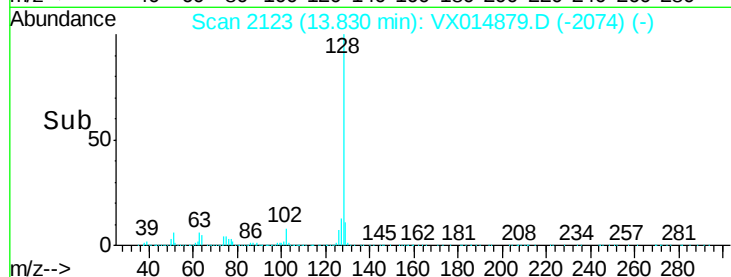
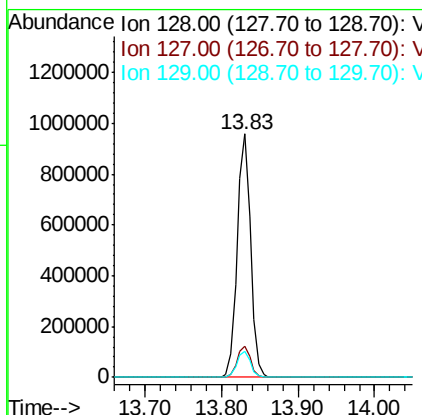
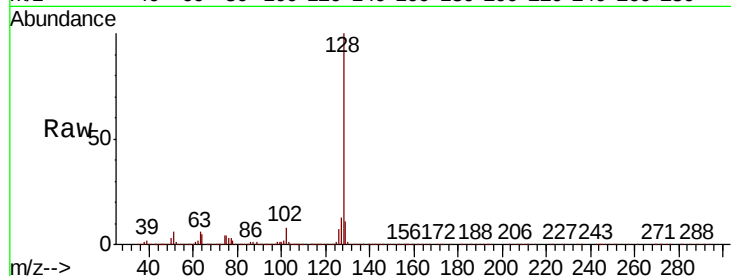
#95  
Naphthalene  
Concen: 58.293 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

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

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2/11/2020 10:36:11 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 53.913 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: VX014879.D  
Acq: 10 Feb 2020 11:01

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 180     | 100  |       |       |       |
| 182     | 95.1 | 47.5  | 142.6 |       |
| 145     | 29.0 | 14.5  | 43.5  |       |

