

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021820\  
 Data File : VX014955.D  
 Acq On : 18 Feb 2020 16:36  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 2/19/2020 12:14:55 PM

Quant Time: Feb 19 00:53:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X021020W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 10 12:09:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 460628   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 678969   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 631037   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 347995   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |       |
|---------------------------|--------|-----|----------|-------|--------|-------|
| 33) 1,2-Dichloroethane-d4 | 6.04   | 65  | 242065   | 46.56 | ug/l   | -0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.12% |       |
| 35) Dibromofluoromethane  | 5.48   | 113 | 200709   | 48.08 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.16% |       |
| 50) Toluene-d8            | 8.71   | 98  | 753268   | 47.28 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.56% |       |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 278755   | 48.57 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.14% |       |

## Target Compounds

|                               |      |     |         |         | Qvalue   |
|-------------------------------|------|-----|---------|---------|----------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 216306  | 49.586  | ug/l 97  |
| 3) Chloromethane              | 1.32 | 50  | 234487  | 47.413  | ug/l 99  |
| 4) Vinyl Chloride             | 1.41 | 62  | 252448  | 47.384  | ug/l 99  |
| 5) Bromomethane               | 1.63 | 94  | 163652  | 47.455  | ug/l 99  |
| 6) Chloroethane               | 1.72 | 64  | 158775  | 46.576  | ug/l 99  |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 357274  | 47.997  | ug/l 98  |
| 8) Diethyl Ether              | 2.18 | 74  | 142849  | 46.278  | ug/l 99  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 208408  | 48.234  | ug/l 99  |
| 10) Methyl Iodide             | 2.50 | 142 | 241644  | 50.152  | ug/l 99  |
| 11) Tert butyl alcohol        | 3.02 | 59  | 218320  | 237.854 | ug/l 99  |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 199889  | 47.343  | ug/l 96  |
| 13) Acrolein                  | 2.28 | 56  | 171667  | 245.389 | ug/l 98  |
| 14) Allyl chloride            | 2.72 | 41  | 350474  | 46.819  | ug/l 100 |
| 15) Acrylonitrile             | 3.12 | 53  | 554874  | 238.462 | ug/l 99  |
| 16) Acetone                   | 2.43 | 43  | 540445  | 190.952 | ug/l 100 |
| 17) Carbon Disulfide          | 2.56 | 76  | 534621  | 45.320  | ug/l 100 |
| 18) Methyl Acetate            | 2.76 | 43  | 256829  | 49.053  | ug/l 100 |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 670577  | 48.802  | ug/l 100 |
| 20) Methylene Chloride        | 2.84 | 84  | 225154  | 45.023  | ug/l 97  |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 216810  | 46.538  | ug/l 97  |
| 22) Diisopropyl ether         | 3.84 | 45  | 710600  | 49.703  | ug/l 96  |
| 23) Vinyl Acetate             | 3.80 | 43  | 3049856 | 258.775 | ug/l 99  |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 389620  | 48.287  | ug/l 100 |
| 25) 2-Butanone                | 4.65 | 43  | 791463  | 223.630 | ug/l 100 |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 336906  | 48.450  | ug/l 99  |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 249712  | 47.950  | ug/l 98  |
| 28) Bromochloromethane        | 5.00 | 49  | 162314  | 51.898  | ug/l 100 |
| 29) Tetrahydrofuran           | 5.11 | 42  | 492558  | 244.823 | ug/l 99  |
| 30) Chloroform                | 5.20 | 83  | 392486  | 49.026  | ug/l 100 |
| 31) Cyclohexane               | 5.56 | 56  | 351826  | 47.872  | ug/l 98  |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 343711  | 49.081  | ug/l 99  |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 299074  | 49.242  | ug/l 99  |
| 37) Ethyl Acetate             | 4.81 | 43  | 302595  | 47.768  | ug/l 100 |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 293535  | 49.593  | ug/l 98  |

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 Sample : VSTDCCC050  
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 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 2/19/2020 12:14:55 PM

Quant Time: Feb 19 00:53:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X021020W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 10 12:09:20 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 372459   | 49.034   | ug/l   | 99       |
| 40) Benzene                    | 6.13  | 78   | 880183   | 48.504   | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.02  | 41   | 171771   | 50.335   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 322888   | 49.230   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.42  | 43   | 513930   | 49.181   | ug/l   | 99       |
| 44) Trichloroethene            | 7.20  | 130  | 254417   | 48.295   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 225591   | 48.745   | ug/l   | 99       |
| 46) Dibromomethane             | 7.65  | 93   | 151130   | 47.773   | ug/l   | 100      |
| 47) Bromodichloromethane       | 7.89  | 83   | 310306   | 49.471   | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.76  | 41   | 256475   | 49.872   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 97562    | 1014.659 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.63  | 43   | 1555192  | 246.471  | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 565946   | 49.103   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 346122   | 50.350   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 373904   | 49.236   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 228599   | 49.023   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 357923   | 51.066   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 382405   | 48.717   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 897364   | 244.807  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 1190612  | 240.061  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 257027   | 51.218   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 242791   | 48.255   | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.33  | 164  | 260192   | 44.101   | ug/l   | 97       |
| 65) Chlorobenzene              | 10.13 | 112  | 614396   | 48.003   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 237726   | 51.161   | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 1087217  | 49.947   | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 842844   | 100.512  | ug/l   | 99       |
| 69) o-Xylene                   | 10.69 | 106  | 406604   | 50.443   | ug/l   | 100      |
| 70) Styrene                    | 10.70 | 104  | 701673   | 51.455   | ug/l   | 100      |
| 71) Bromoform                  | 10.85 | 173  | 198539   | 51.189   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 1084841  | 49.711   | ug/l   | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 450005   | 49.628   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 336776   | 47.209   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 289752m  | 46.044   | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 287490   | 47.198   | ug/l   | 99       |
| 78) n-propylbenzene            | 11.35 | 91   | 1248803  | 49.476   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 726732   | 48.975   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 908202   | 49.807   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 118960   | 48.388   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.50 | 91   | 849759   | 48.358   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 888781   | 51.472   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 919950   | 50.062   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1075565  | 50.141   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 1010690  | 50.350   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 519888   | 47.577   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 517069   | 46.337   | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.38 | 91   | 901800   | 50.162   | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 178383   | 50.886   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 513022   | 47.874   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 73257    | 43.772   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

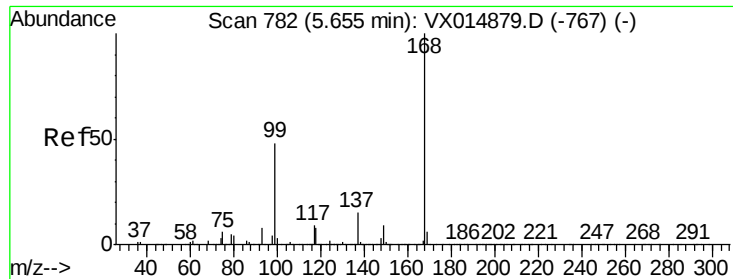
MMDadoda  
2/19/2020 12:14:55 PM

Quant Time: Feb 19 00:53:57 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X021020W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 10 12:09:20 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 380852   | 48.151 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 185536   | 48.497 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 1043908  | 49.638 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 368053   | 48.164 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 460628

Ion Ratio Lower Upper

168 100

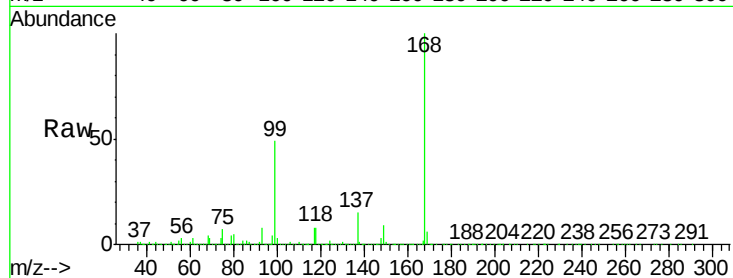
99 48.9 38.7 58.1

Manual Integrations

APPROVED

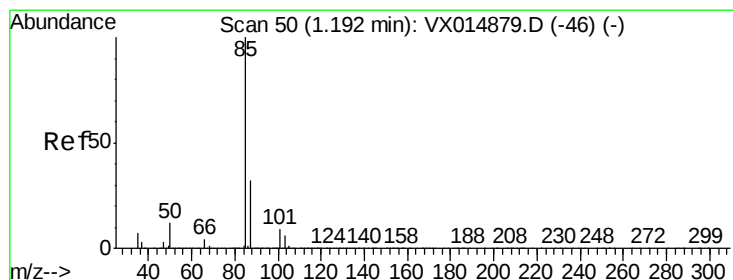
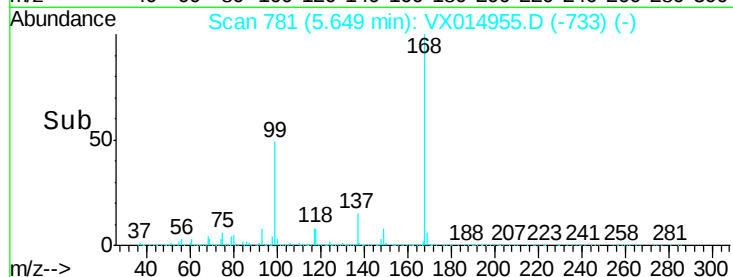
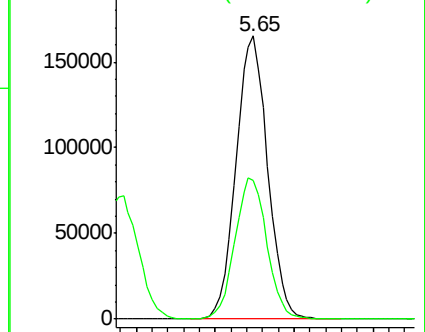
MMDadoda

2/19/2020 12:14:55 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.586 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014955.D

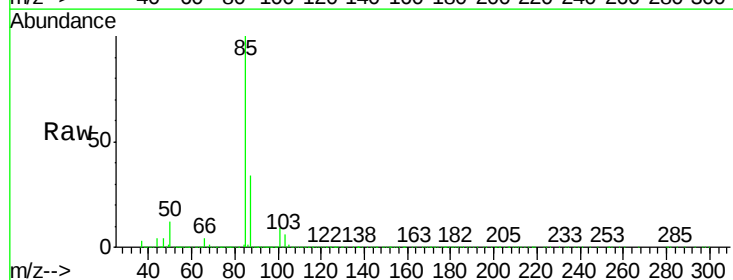
Acq: 18 Feb 2020 16:36

Tgt Ion: 85 Resp: 216306

Ion Ratio Lower Upper

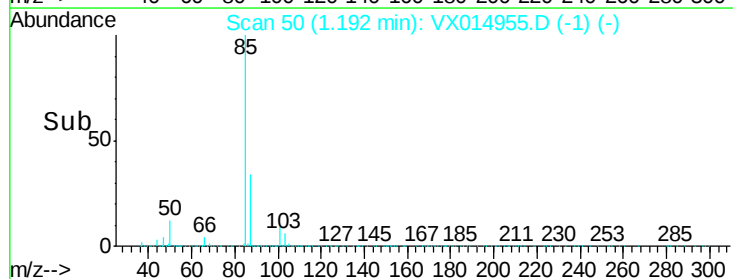
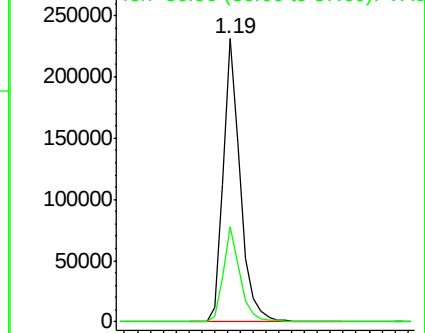
85 100

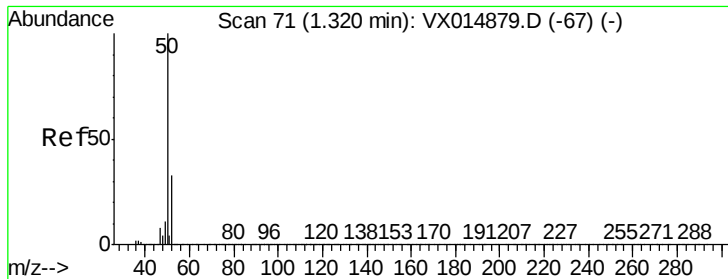
87 33.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.413 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 234487

Ion Ratio Lower Upper

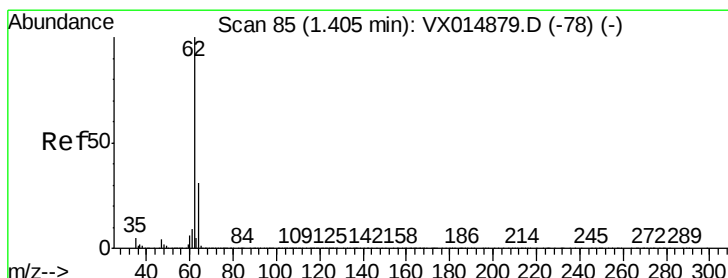
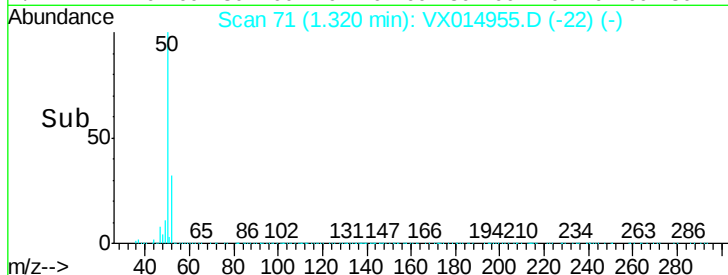
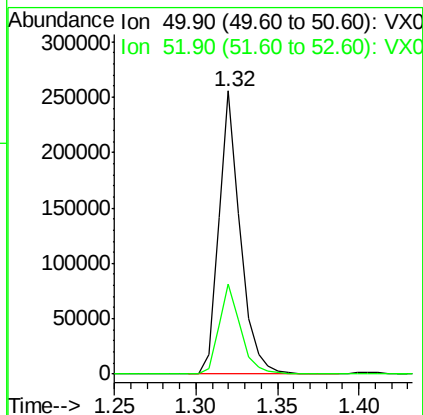
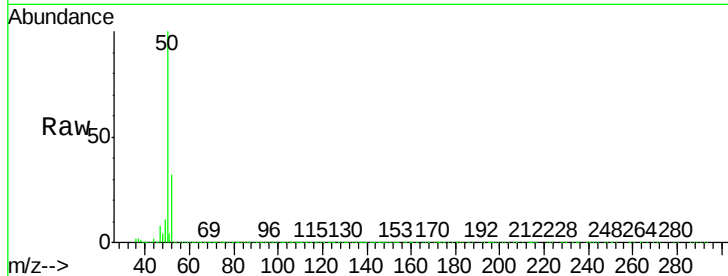
50 100

52 32.0 26.2 39.2

Manual Integrations  
APPROVED

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2/19/2020 12:14:55 PM



#4

Vinyl Chloride

Concen: 47.384 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX014955.D

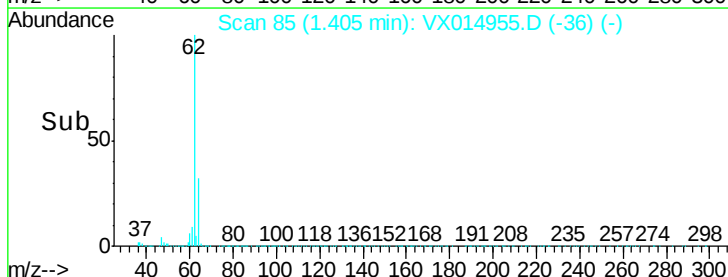
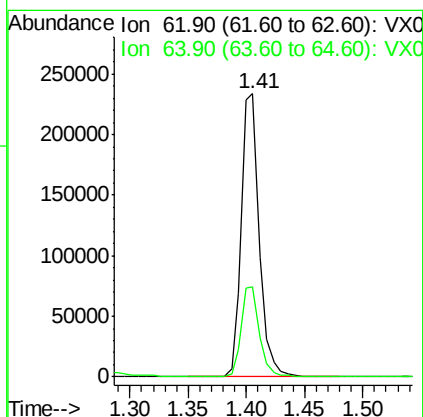
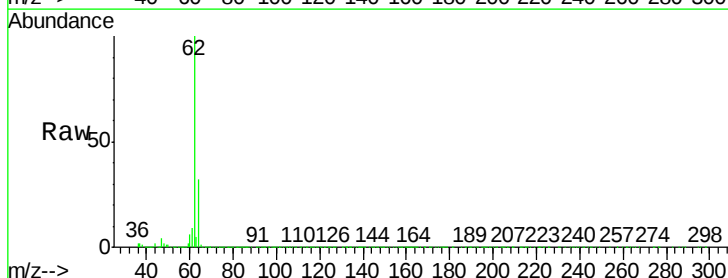
Acq: 18 Feb 2020 16:36

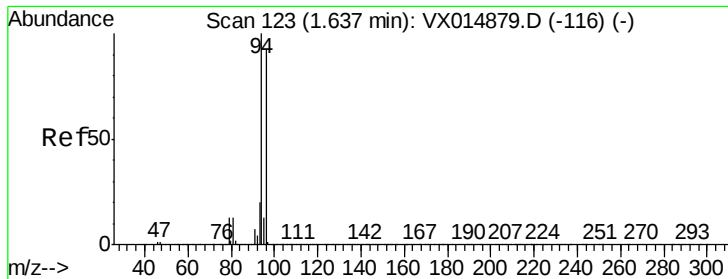
Tgt Ion: 62 Resp: 252448

Ion Ratio Lower Upper

62 100

64 31.7 24.8 37.2





#5

Bromomethane

Concen: 47.455 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 163652

Ion Ratio Lower Upper

94 100

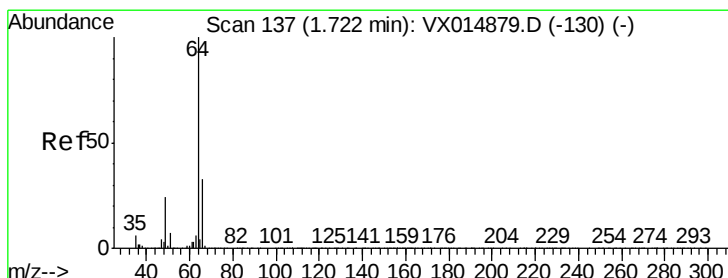
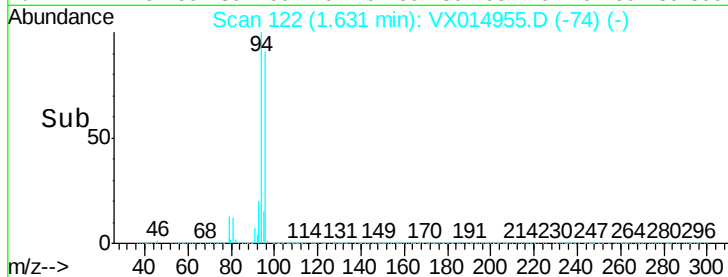
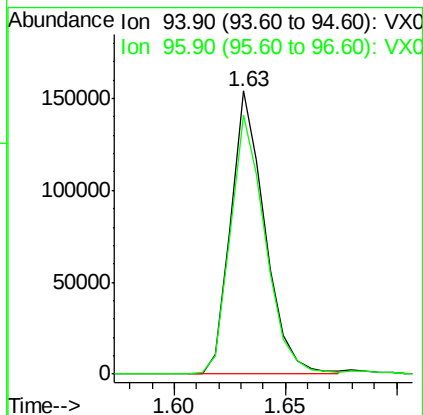
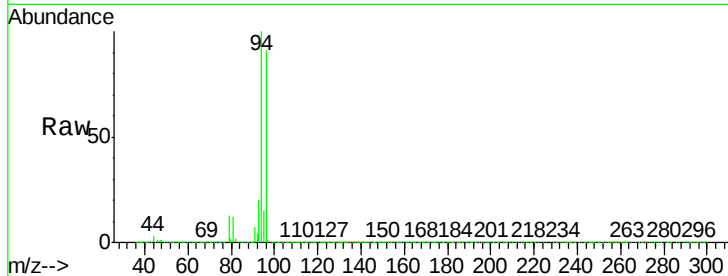
96 91.4 73.7 110.5

Manual Integrations

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2/19/2020 12:14:55 PM



#6

Chloroethane

Concen: 46.576 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014955.D

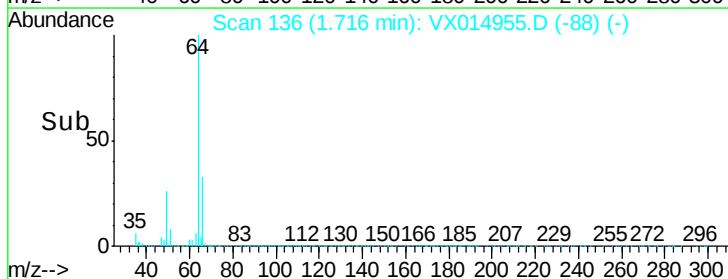
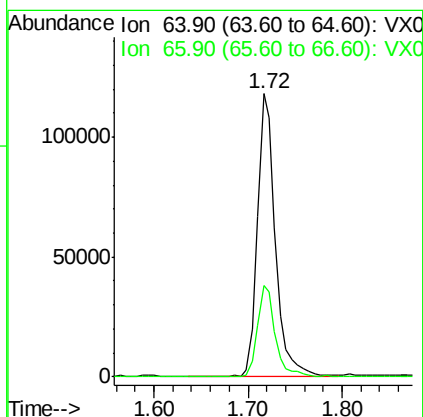
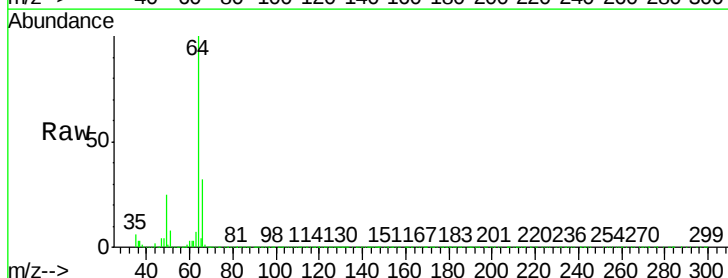
Acq: 18 Feb 2020 16:36

Tgt Ion: 64 Resp: 158775

Ion Ratio Lower Upper

64 100

66 32.1 26.2 39.4





#7

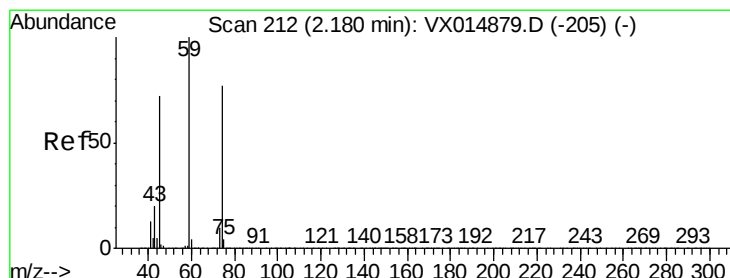
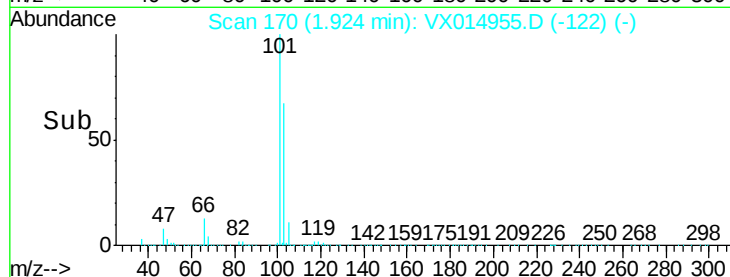
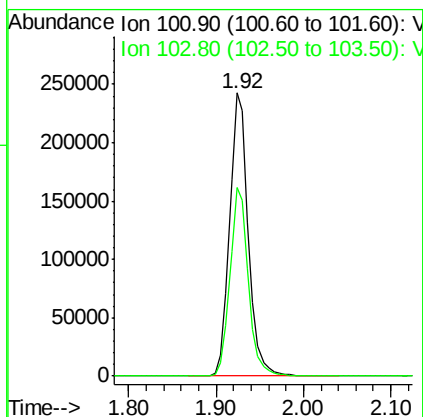
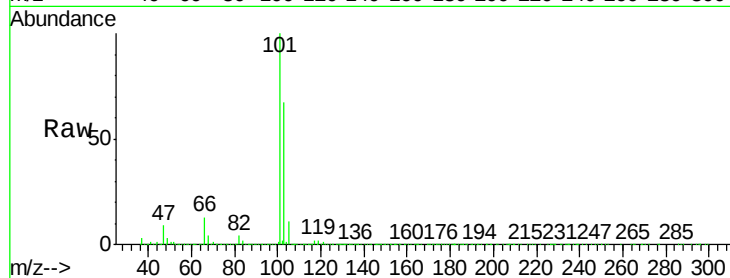
Trichlorofluoromethane  
Concen: 47.997 ug/l  
RT: 1.92 min Scan# 170  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.6  | 52.2  | 78.4  |

Manual Integrations  
APPROVED

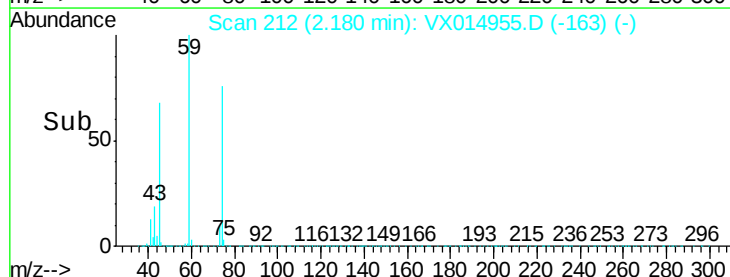
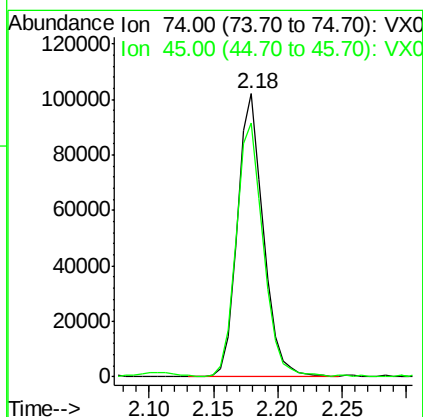
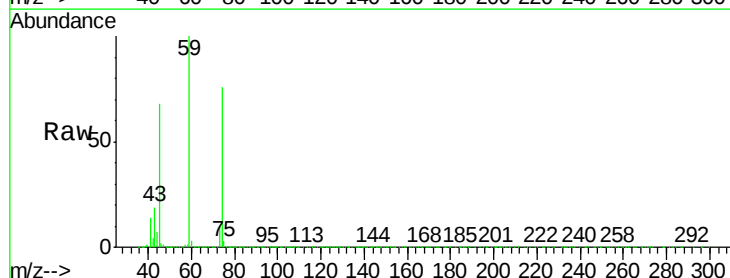
MMDadoda  
2/19/2020 12:14:55 PM

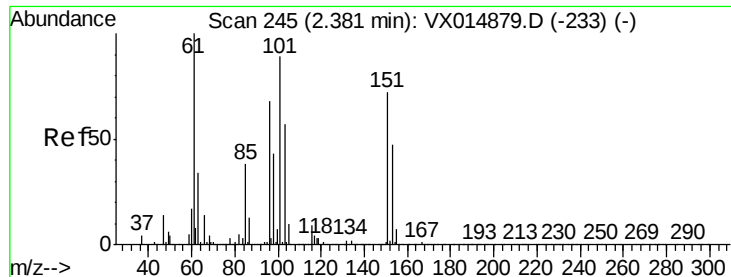


#8

Diethyl Ether  
Concen: 46.278 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 92.6  | 46.6  | 139.8 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.234 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

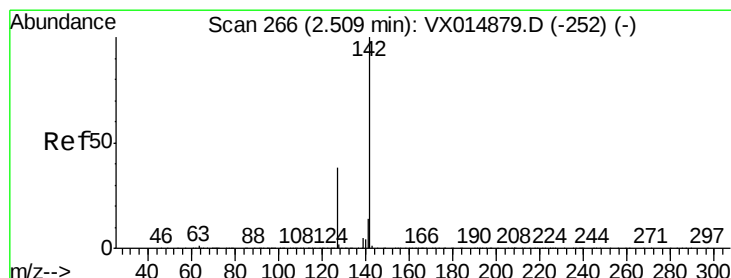
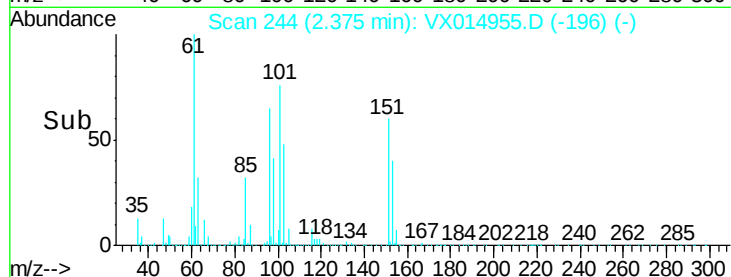
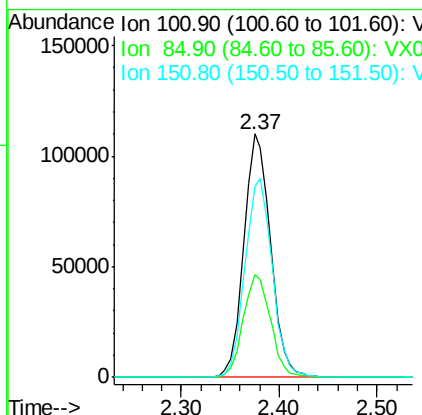
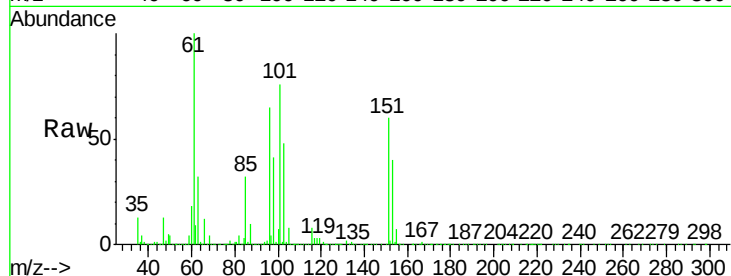
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 208408 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.5  | 34.1  | 51.1   |
| 151       | 83.5  | 67.3  | 100.9  |

Manual Integrations  
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2/19/2020 12:14:55 PM



#10

Methyl Iodide

Concen: 50.152 ug/l

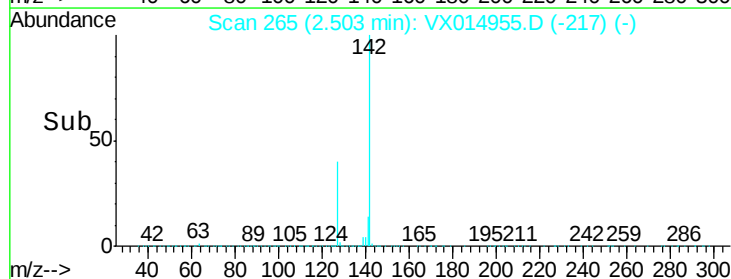
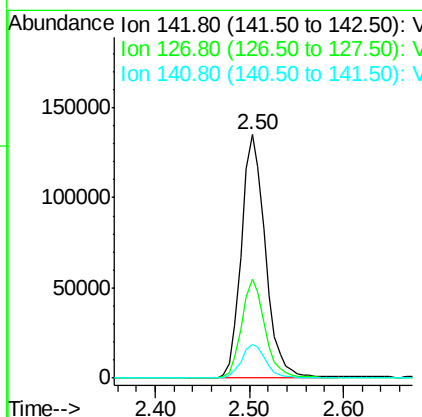
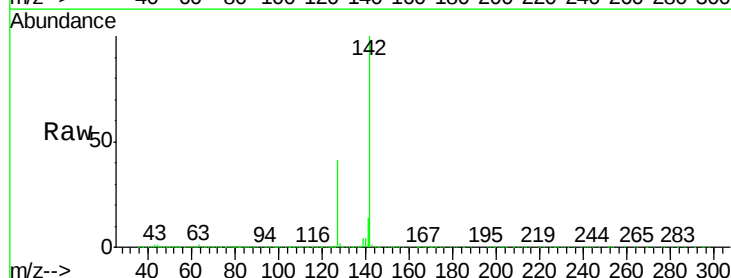
RT: 2.50 min Scan# 265

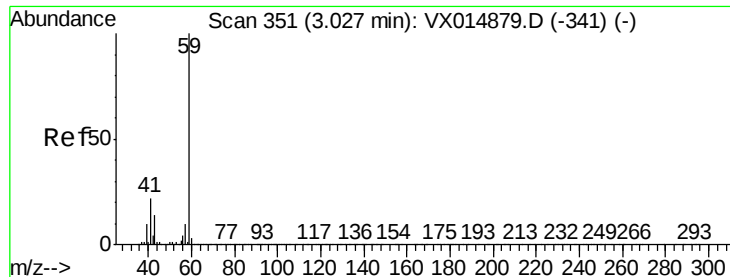
Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 241644 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 39.5  | 31.1  | 46.7   |
| 141       | 14.2  | 11.3  | 16.9   |





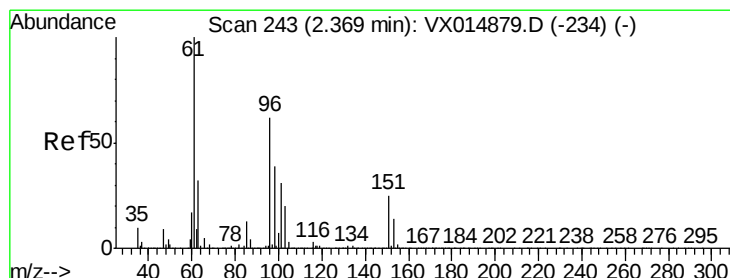
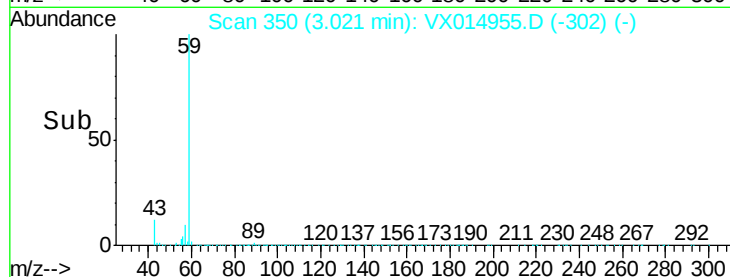
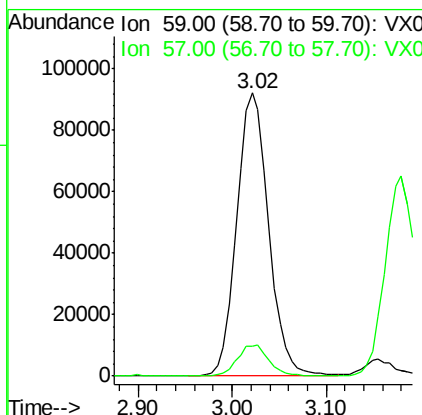
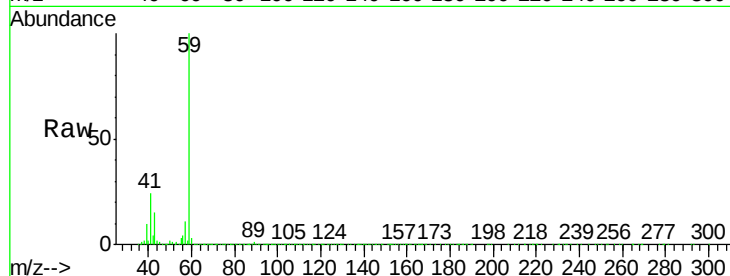
#11  
Tert butyl alcohol  
Concen: 237.854 ug/l  
RT: 3.02 min Scan# 350  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleID :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.8  | 8.2   | 12.4  |

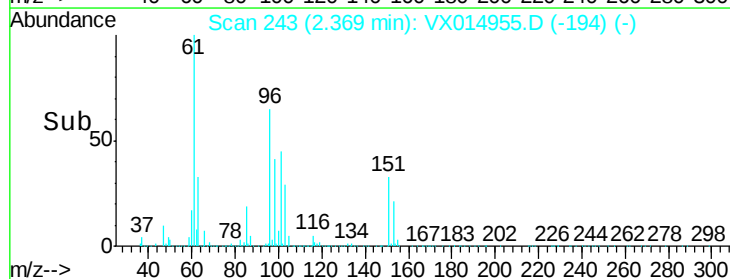
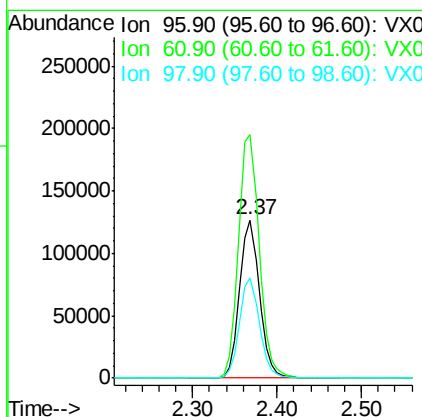
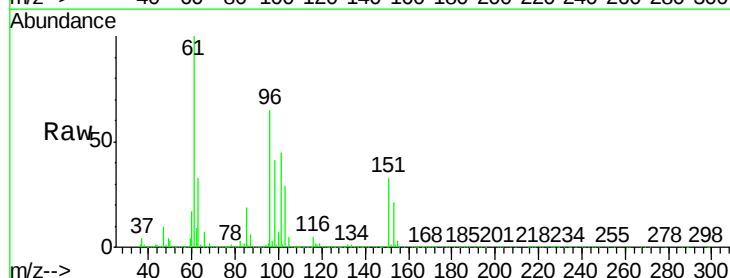
Manual Integrations  
APPROVED

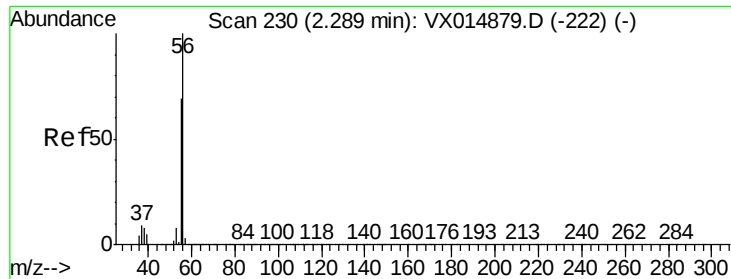
MMDadoda  
2/19/2020 12:14:55 PM



#12  
1,1-Dichloroethene  
Concen: 47.343 ug/l  
RT: 2.37 min Scan# 243  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 154.0 | 129.5 | 194.3 |
| 98      | 63.2  | 50.6  | 76.0  |





#13

Acrolein

Concen: 245.389 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 171667

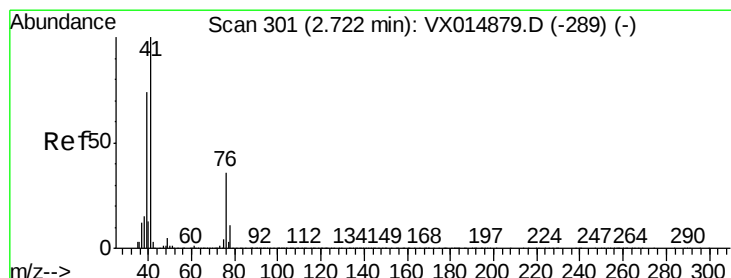
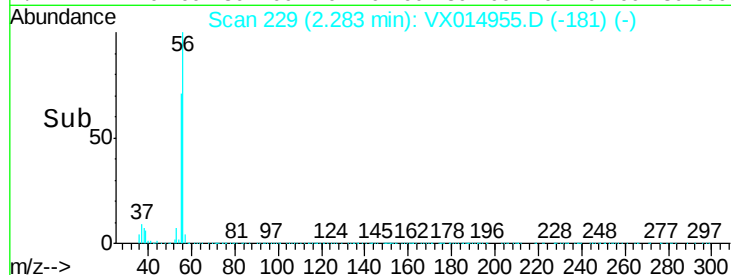
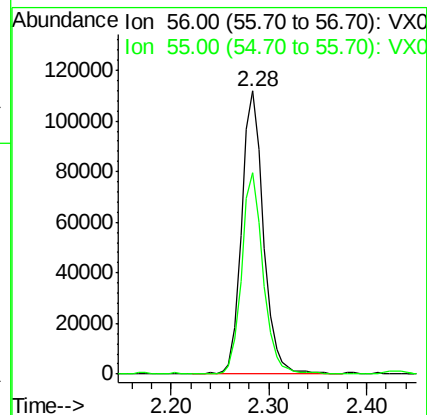
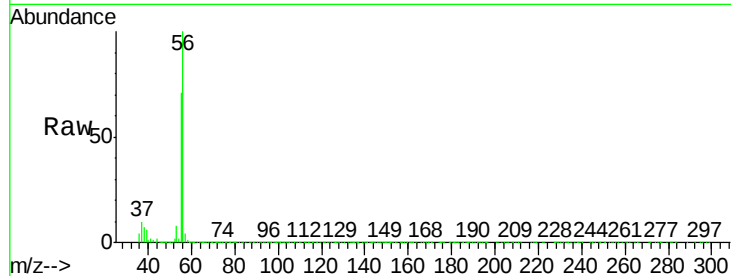
Ion Ratio Lower Upper

56 100

55 70.1 55.0 82.4

Manual Integrations  
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MMDadoda  
2/19/2020 12:14:55 PM



#14

Allyl chloride

Concen: 46.819 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

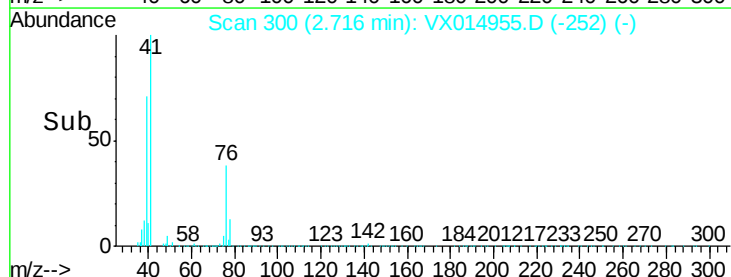
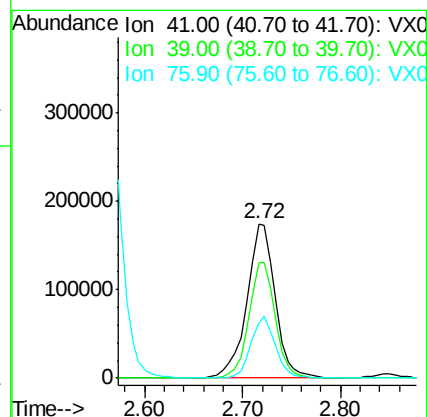
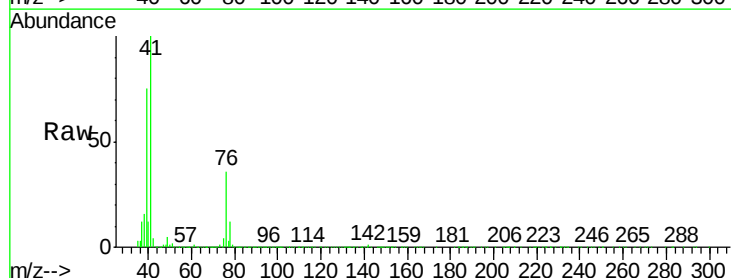
Tgt Ion: 41 Resp: 350474

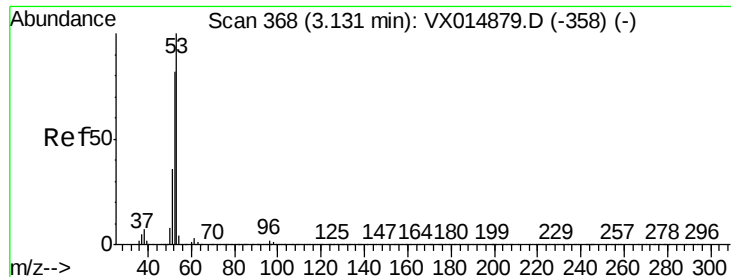
Ion Ratio Lower Upper

41 100

39 69.1 55.2 82.8

76 33.9 26.8 40.2





#15

Acrylonitrile

Concen: 238.462 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

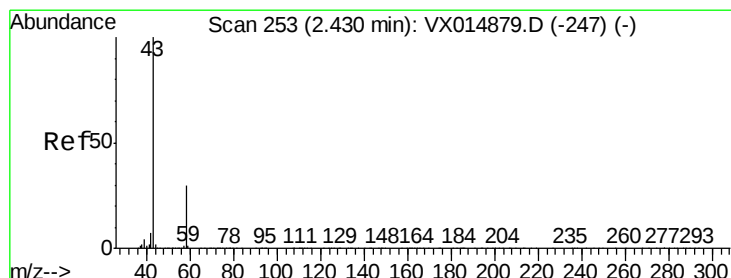
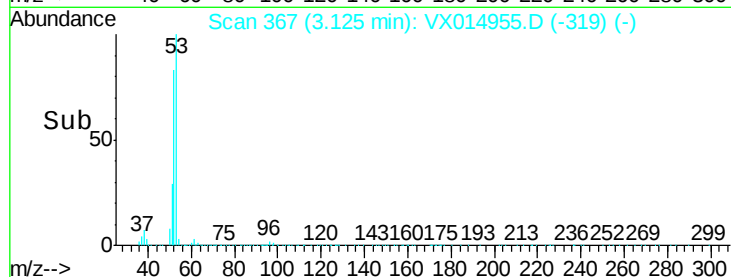
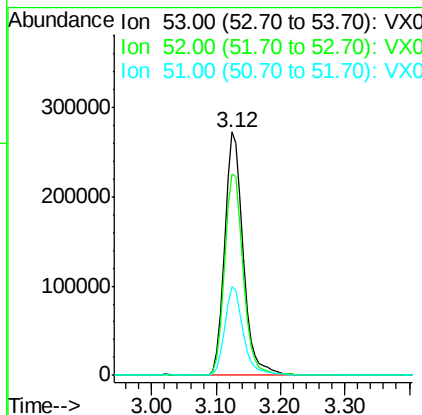
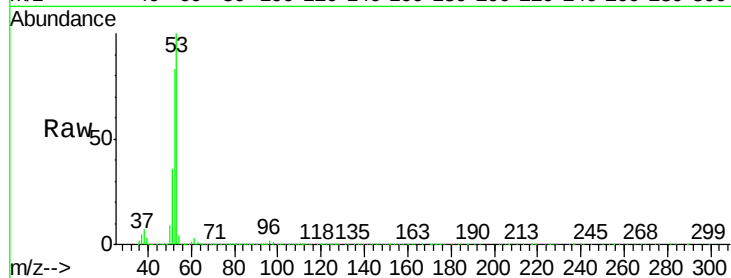
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 554874 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.5  | 65.8  | 98.6   |
| 51        | 36.2  | 29.1  | 43.7   |

Manual Integrations  
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2/19/2020 12:14:55 PM



#16

Acetone

Concen: 190.952 ug/l

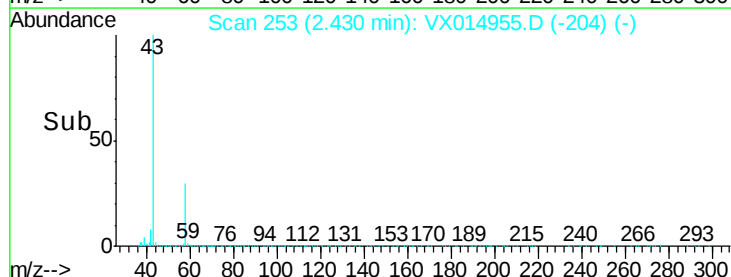
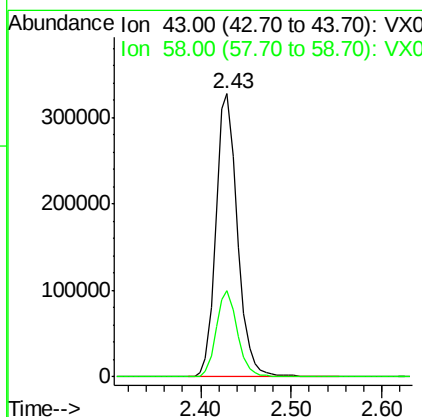
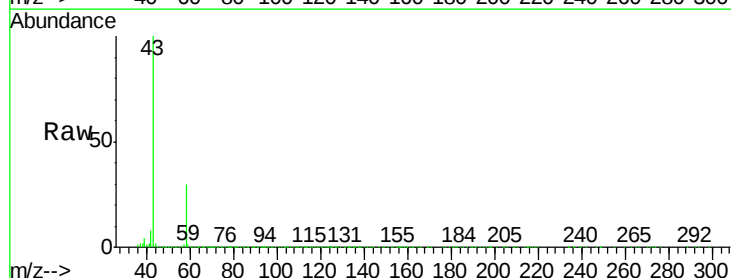
RT: 2.43 min Scan# 253

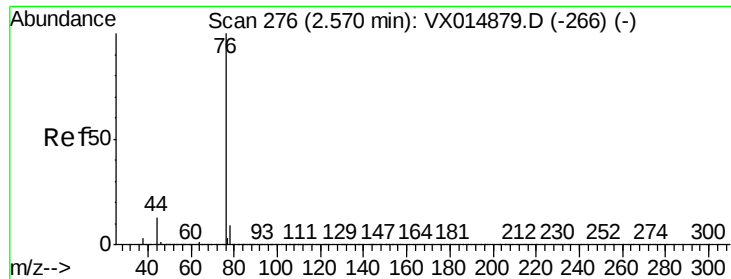
Delta R.T. 0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 540445 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.3  | 24.1  | 36.1   |





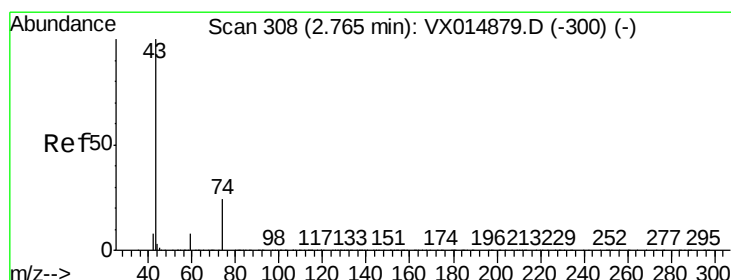
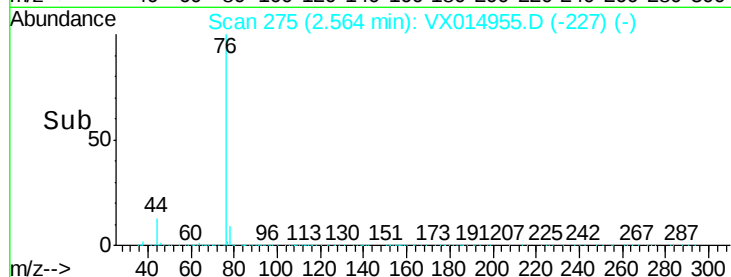
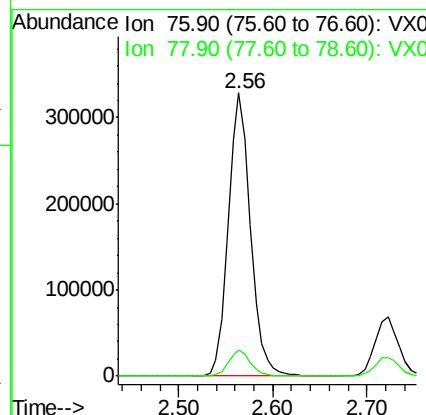
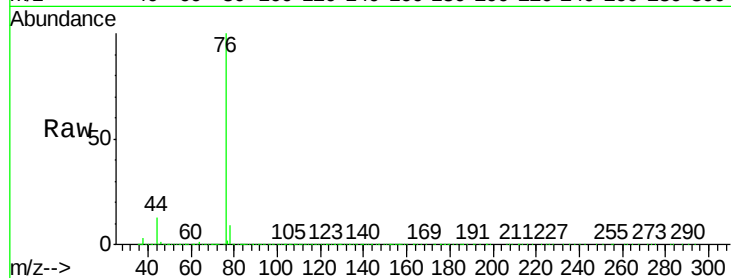
#17  
Carbon Disulfide  
Concen: 45.320 ug/l  
RT: 2.56 min Scan# 275  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.4   | 7.4   | 11.0  |

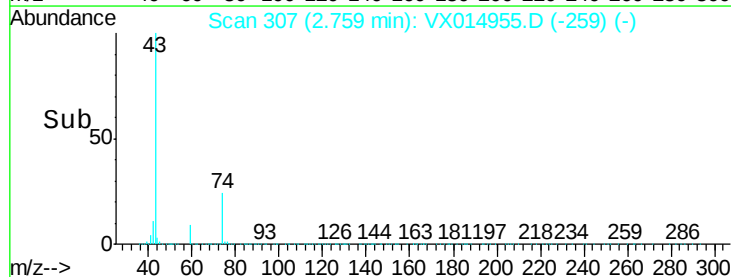
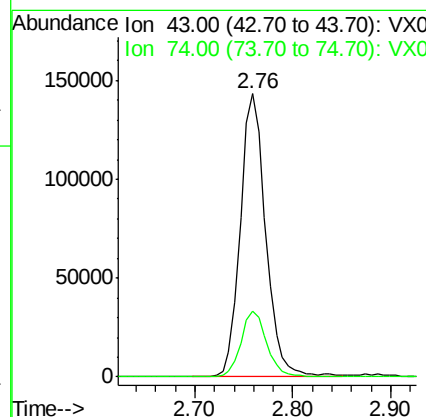
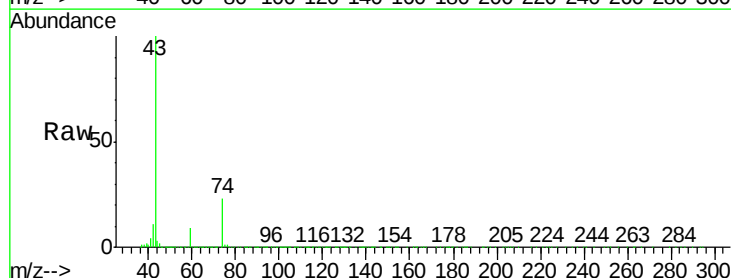
Manual Integrations  
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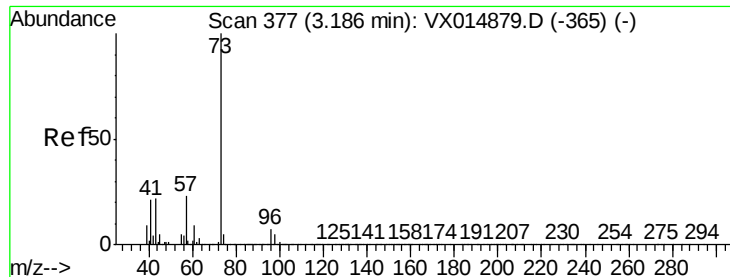
MMDadoda  
2/19/2020 12:14:55 PM



#18  
Methyl Acetate  
Concen: 49.053 ug/l  
RT: 2.76 min Scan# 307  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

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





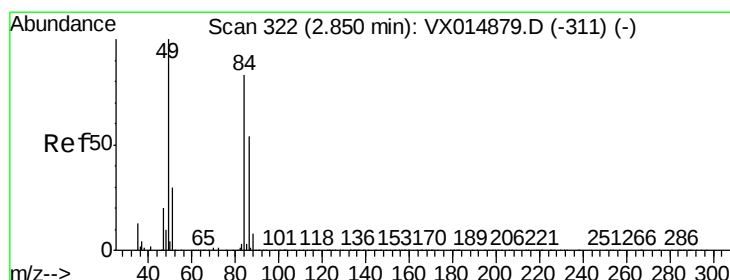
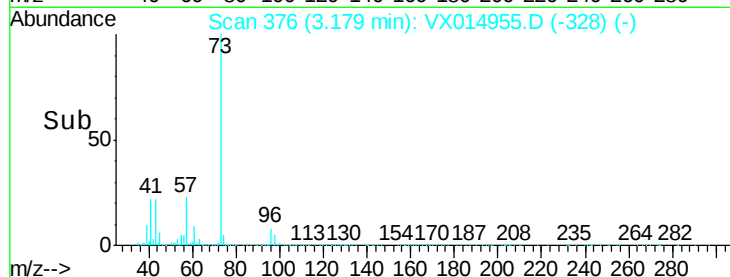
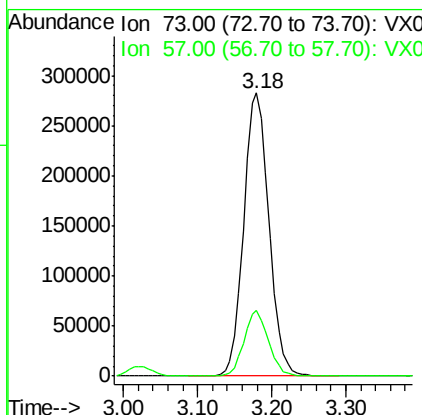
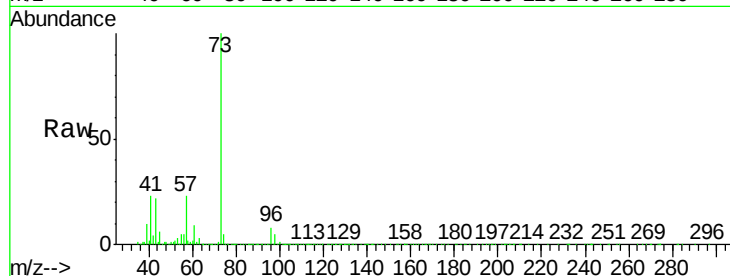
#19  
Methvl tert-butvl Ether  
Concen: 48.802 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 23.0  | 18.2  | 27.4  |

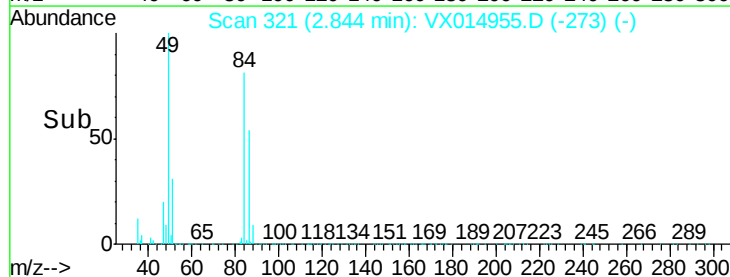
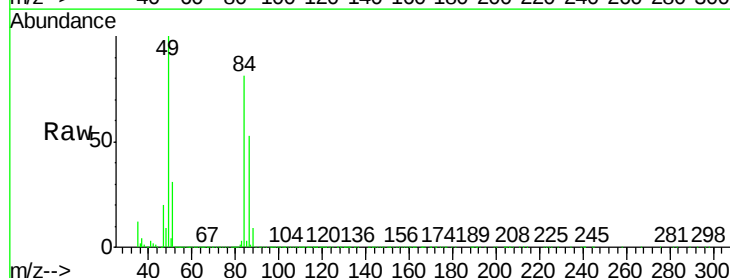
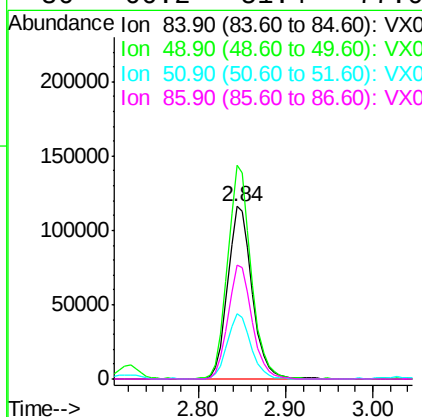
Manual Integrations  
APPROVED

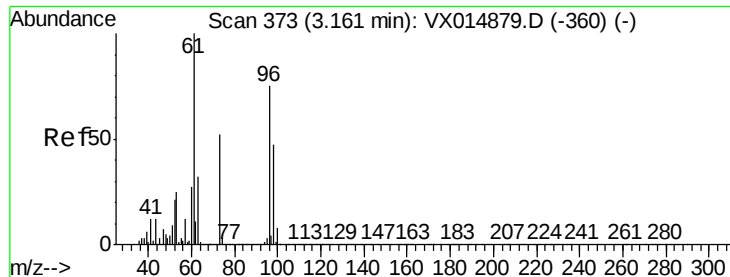
MMDadoda  
2/19/2020 12:14:55 PM



#20  
Methylene Chloride  
Concen: 45.023 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 123.8 | 95.6  | 143.4 |
| 51      | 37.9  | 29.0  | 43.6  |
| 86      | 66.2  | 51.4  | 77.0  |





#21

trans-1,2-Dichloroethene

Concen: 46.538 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

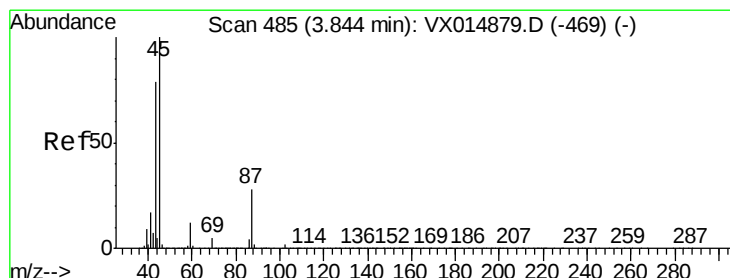
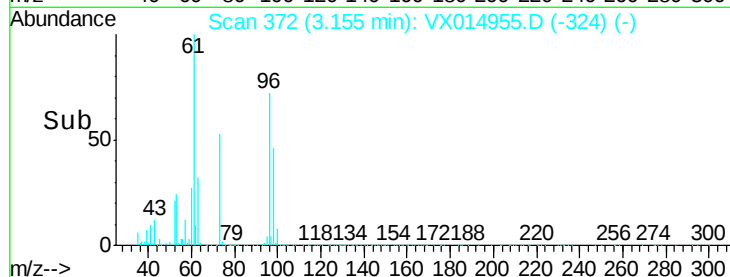
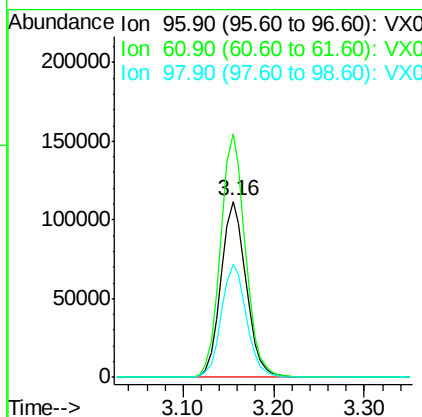
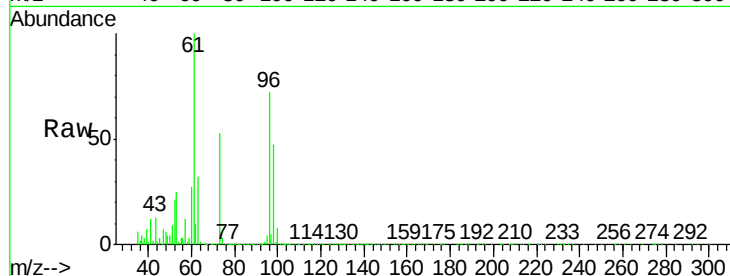
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 216810 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 138.1 | 106.9 | 160.3  |
| 98        | 64.2  | 50.7  | 76.1   |

Manual Integrations  
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MMDadoda  
2/19/2020 12:14:55 PM



#22

Diisopropyl ether

Concen: 49.703 ug/l

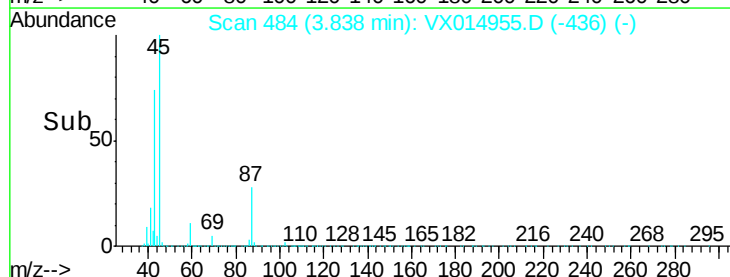
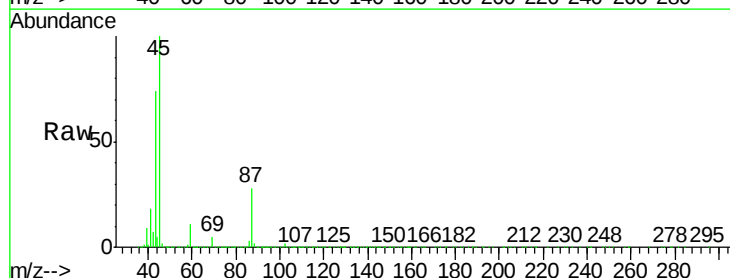
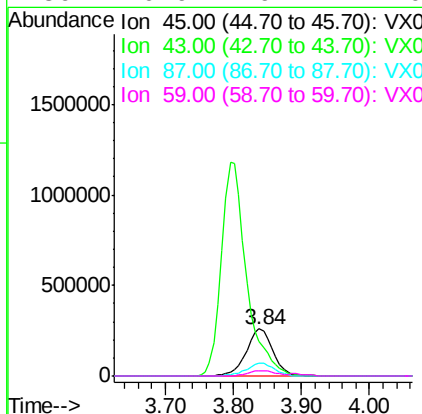
RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 710600 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 74.3  | 63.5  | 95.3   |
| 87        | 28.0  | 22.2  | 33.4   |
| 59        | 10.9  | 9.4   | 14.0   |





#23

Vinyl Acetate

Concen: 258.775 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3049856

Ion Ratio Lower Upper

43 100

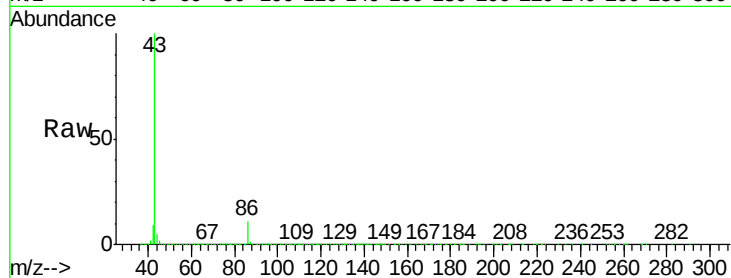
86 10.8 8.9 13.3

Manual Integrations

APPROVED

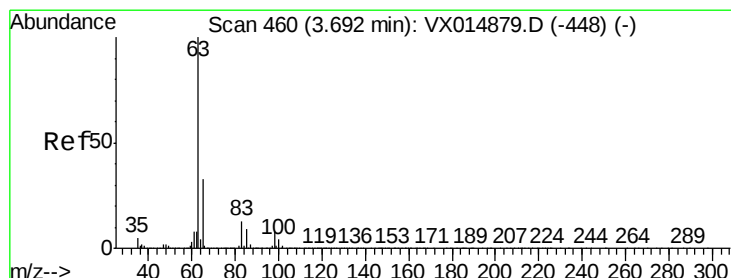
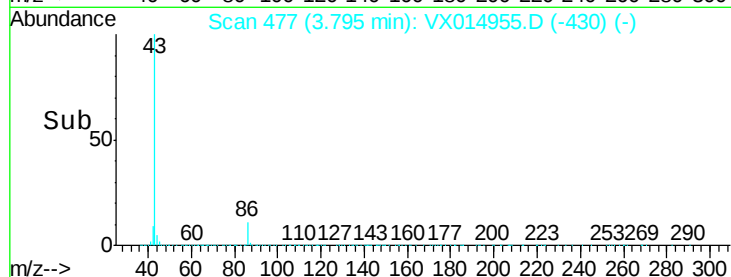
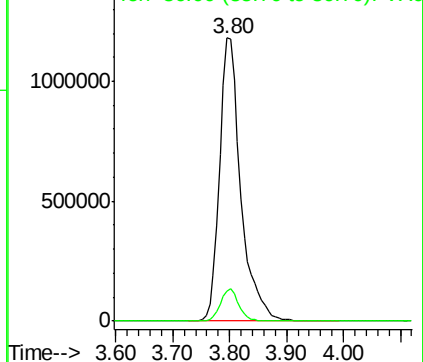
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.287 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

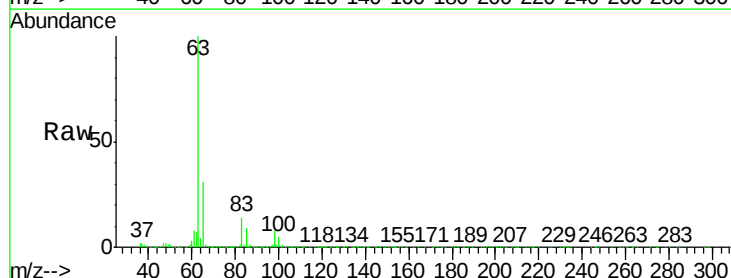
Tgt Ion: 63 Resp: 389620

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

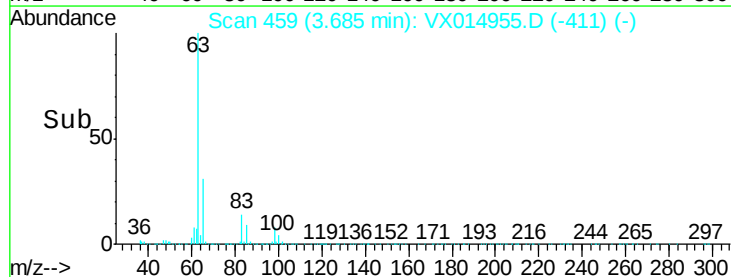
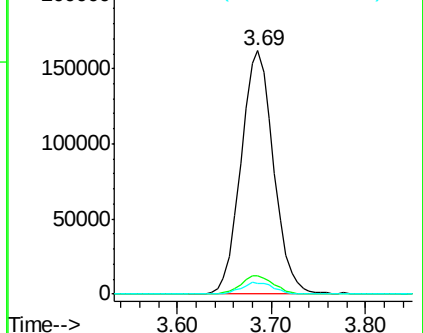
100 4.4 2.2 6.6

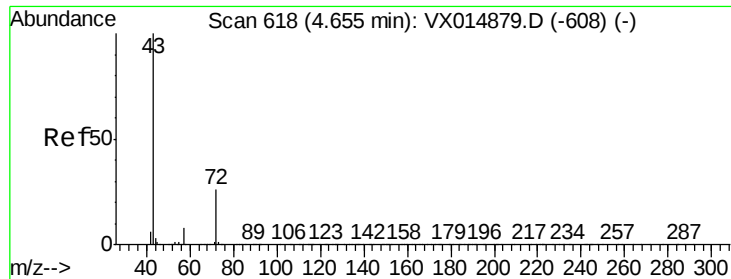


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 223.630 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 791463

Ion Ratio Lower Upper

43 100

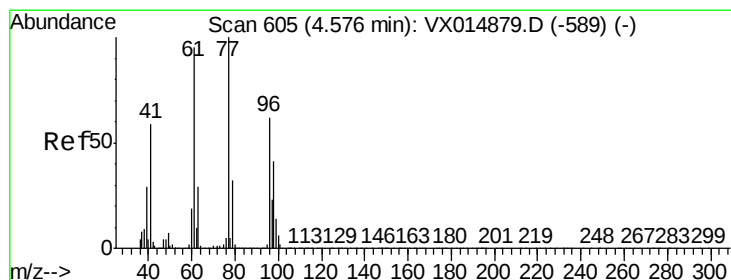
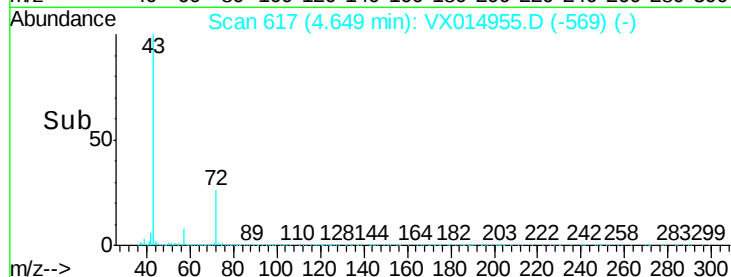
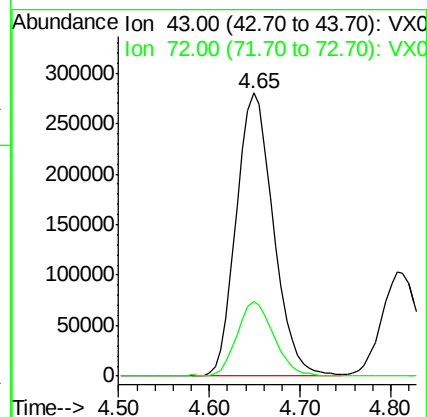
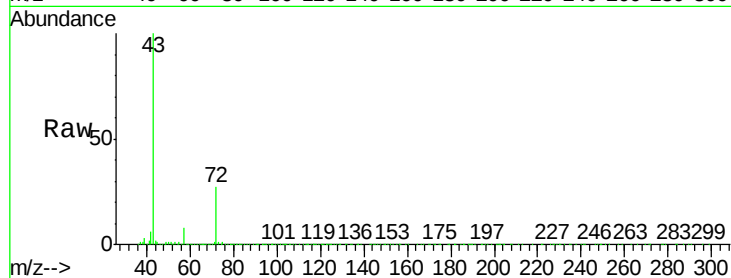
72 26.5 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.450 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014955.D

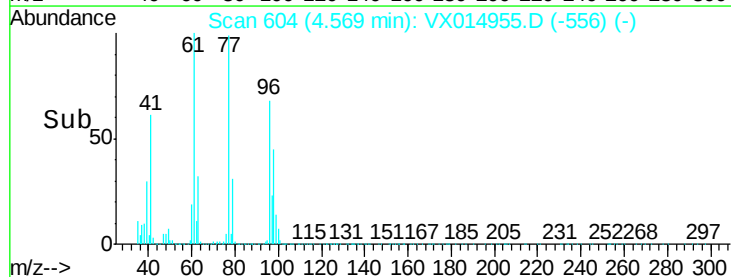
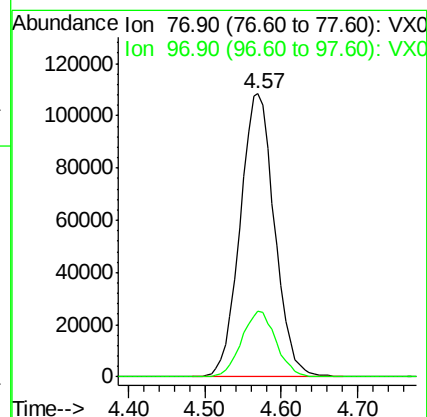
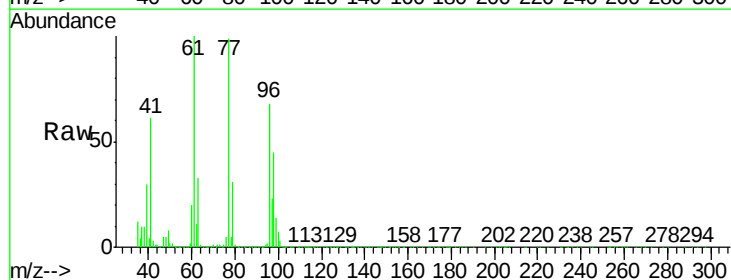
Acq: 18 Feb 2020 16:36

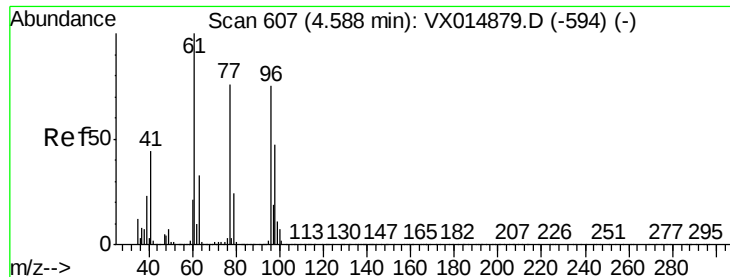
Tgt Ion: 77 Resp: 336906

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5





#27

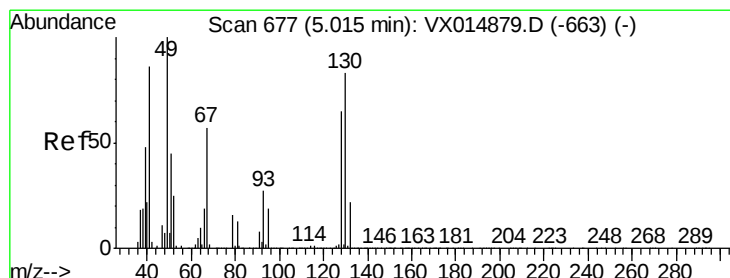
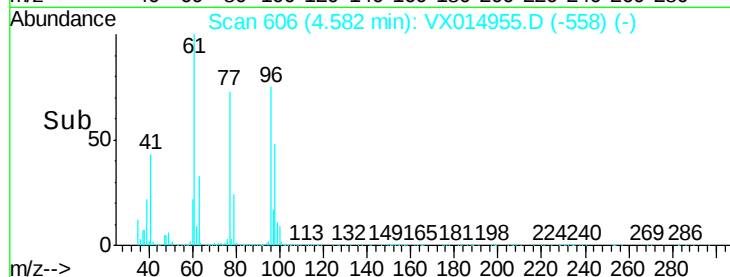
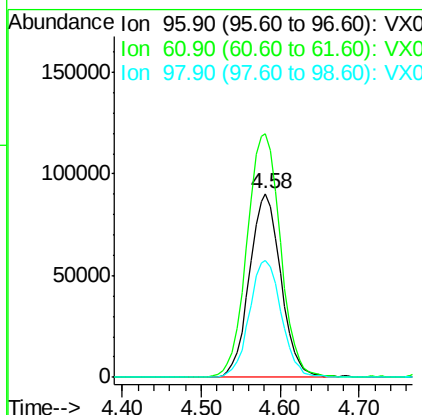
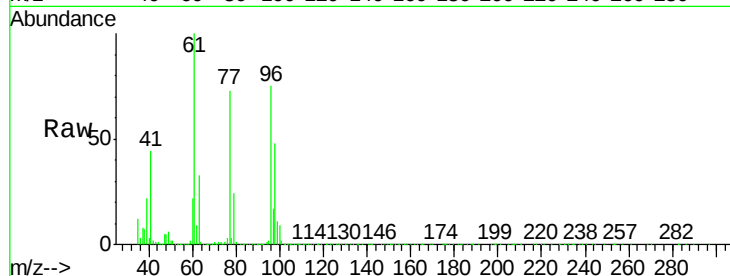
cis-1,2-Dichloroethene  
Concen: 47.950 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 141.0 | 0.0   | 286.2 |
| 98      | 64.5  | 0.0   | 131.0 |

Manual Integrations  
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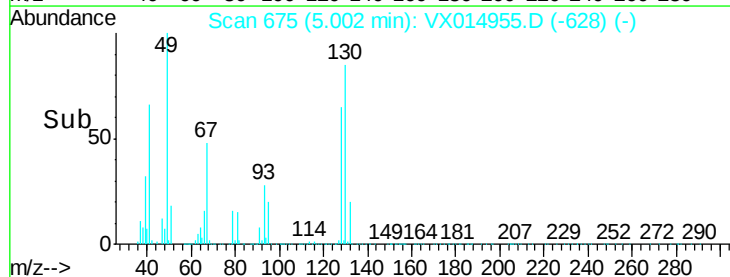
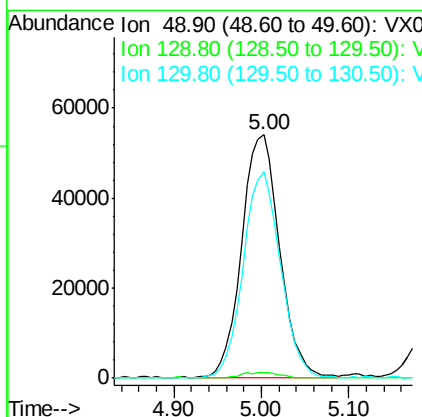
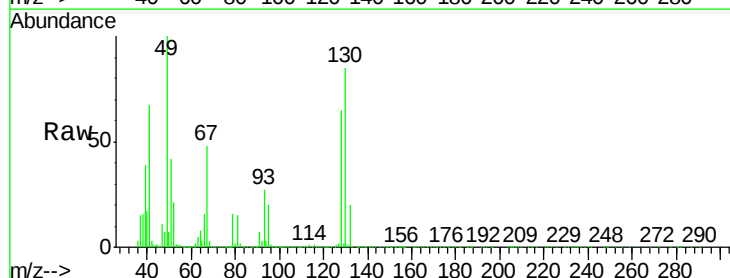
MMDadoda  
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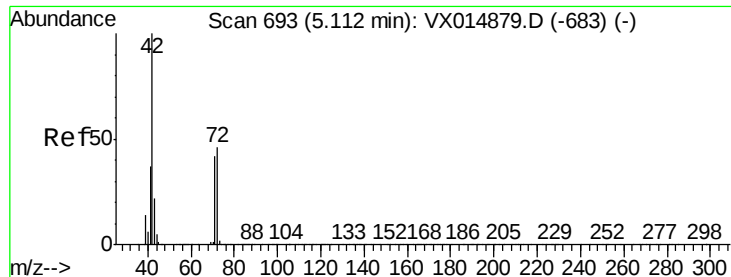


#28

Bromochloromethane  
Concen: 51.898 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.5   | 0.0   | 5.2   |
| 130     | 84.0  | 67.4  | 101.2 |





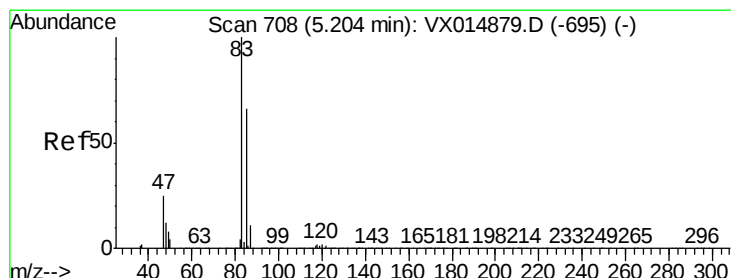
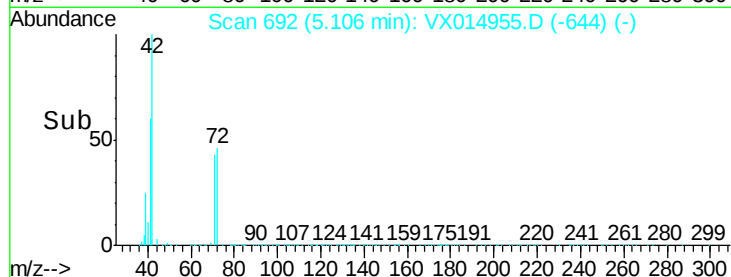
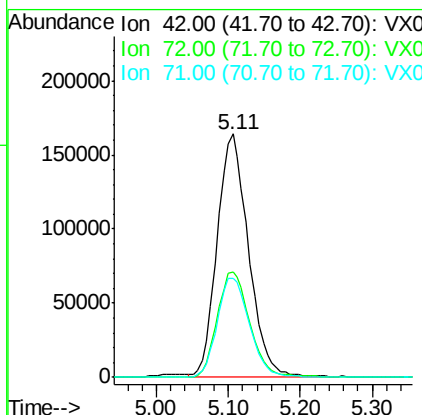
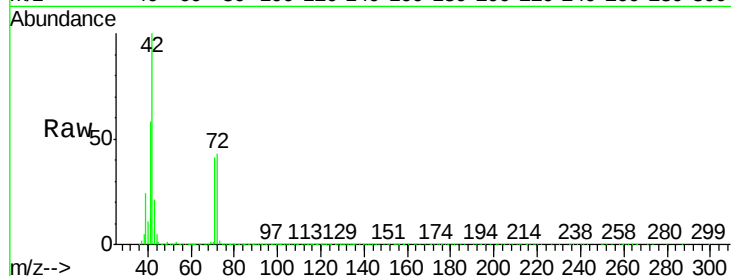
#29  
Tetrahydrofuran  
Concen: 244.823 ug/l  
RT: 5.11 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.0  | 36.9  | 55.3  |
| 71      | 42.1  | 34.1  | 51.1  |

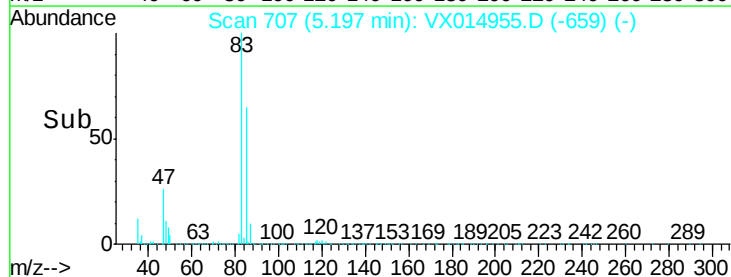
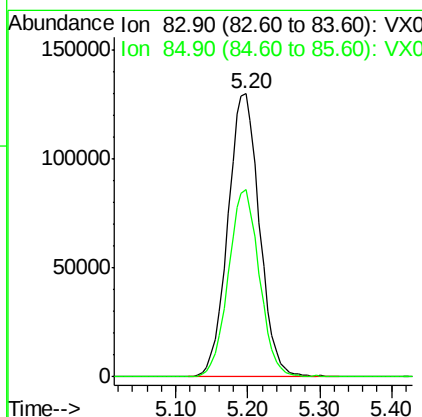
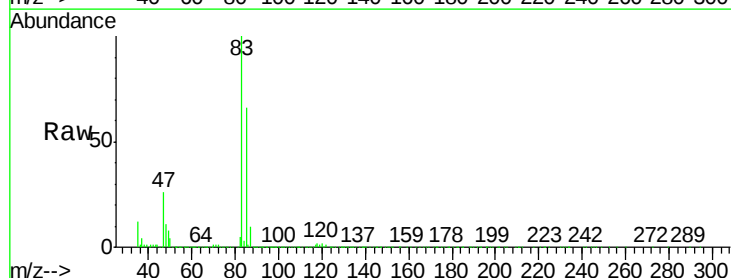
Manual Integrations  
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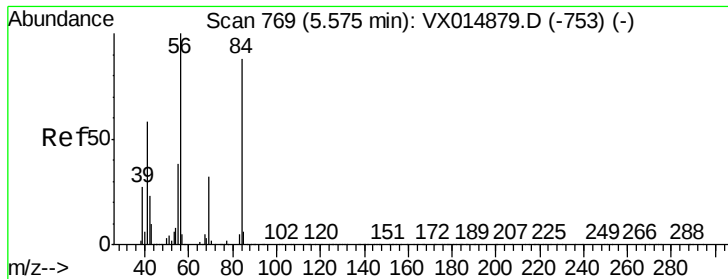
MMDadoda  
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#30  
Chloroform  
Concen: 49.026 ug/l  
RT: 5.20 min Scan# 707  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

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





#31

Cyclohexane

Concen: 47.872 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

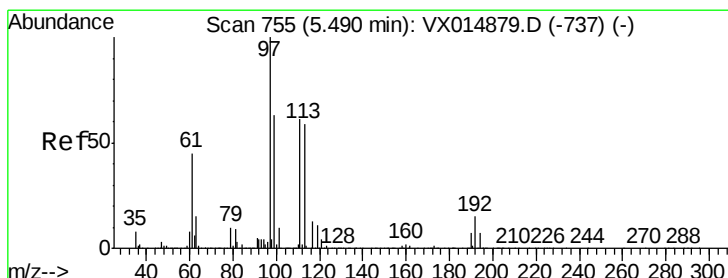
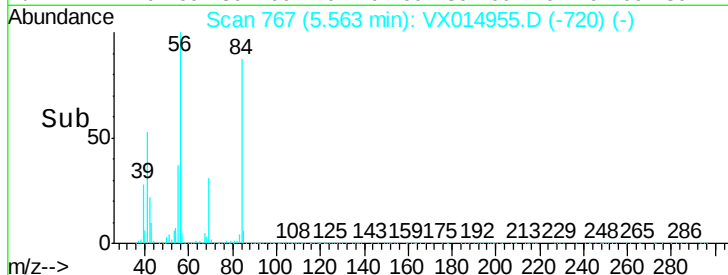
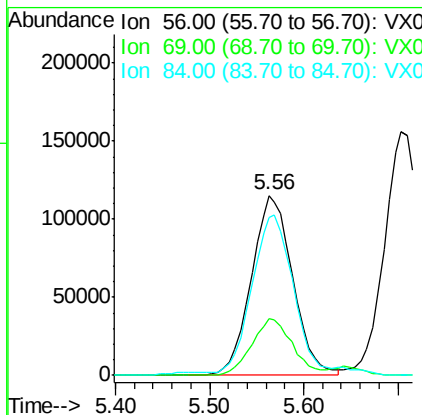
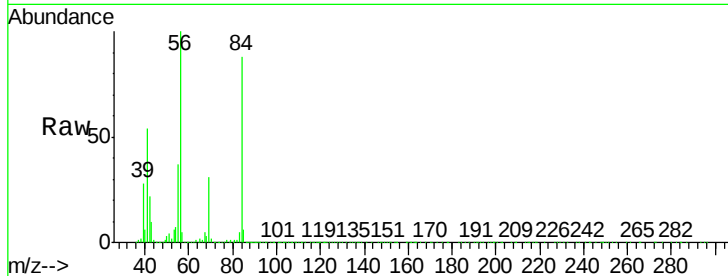
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.2  | 25.9  | 38.9  |
| 84      | 86.1  | 70.4  | 105.6 |

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#32

1,1,1-Trichloroethane

Concen: 49.081 ug/l

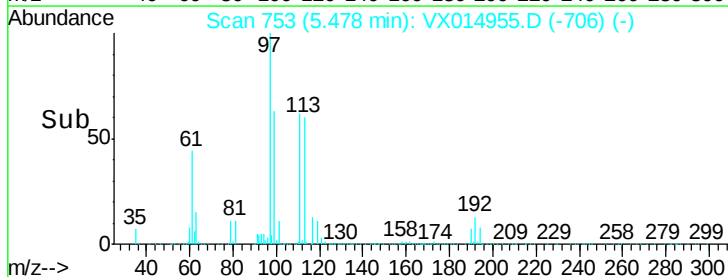
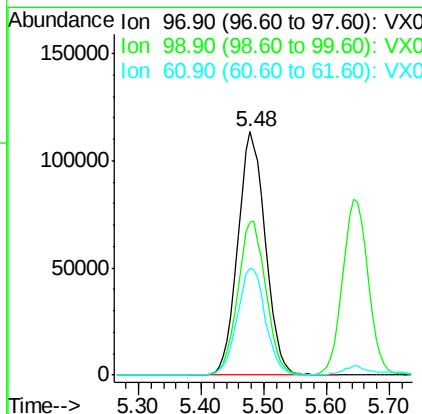
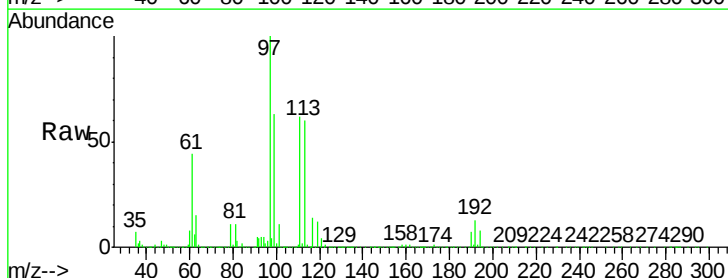
RT: 5.48 min Scan# 753

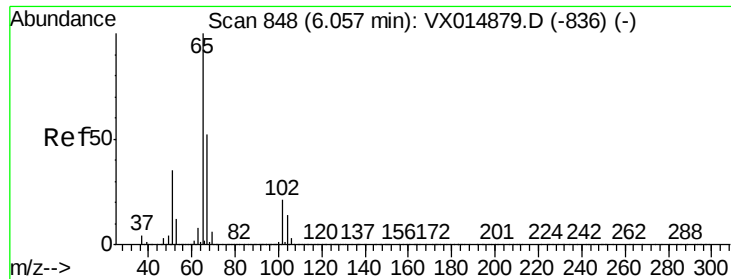
Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.3  | 51.0  | 76.6  |
| 61      | 44.5  | 36.3  | 54.5  |





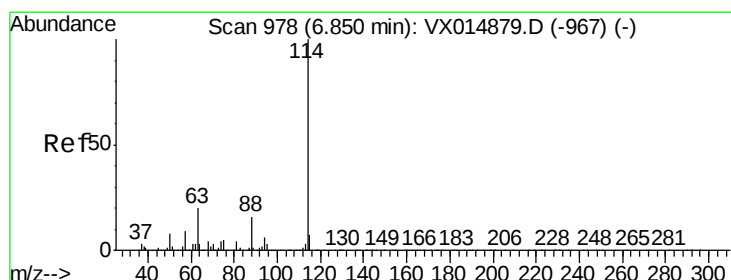
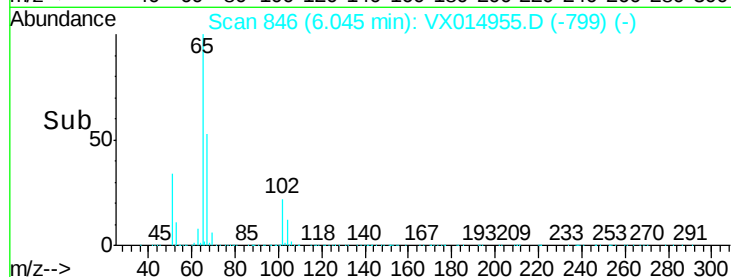
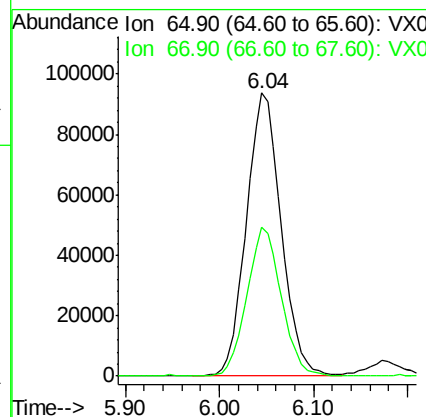
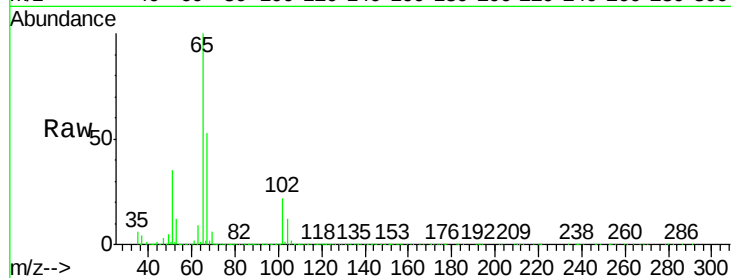
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.564 ug/l  
 RT: 6.04 min Scan# 846  
 Delta R.T. -0.01 min  
 Lab File: VX014955.D  
 Acq: 18 Feb 2020 16:36

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 242065 |       |       |
| 67      | 51.8  | 0.0    | 103.0 |       |

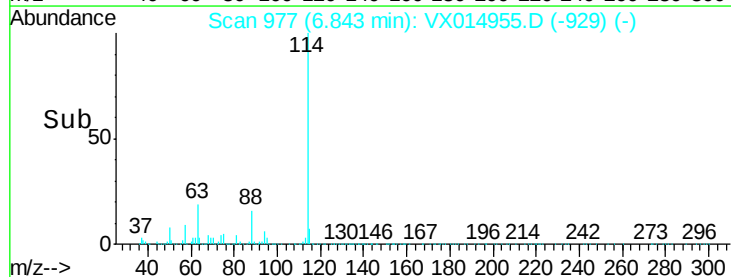
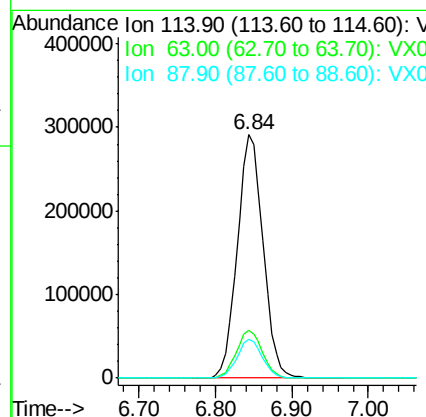
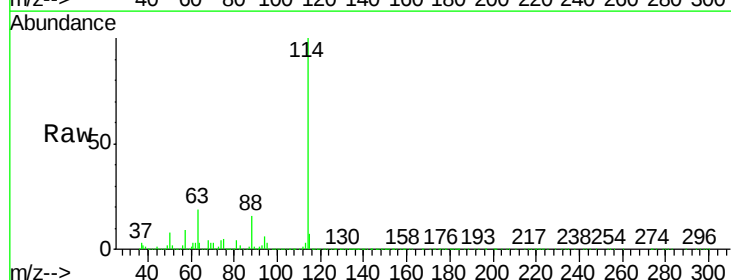
Manual Integrations  
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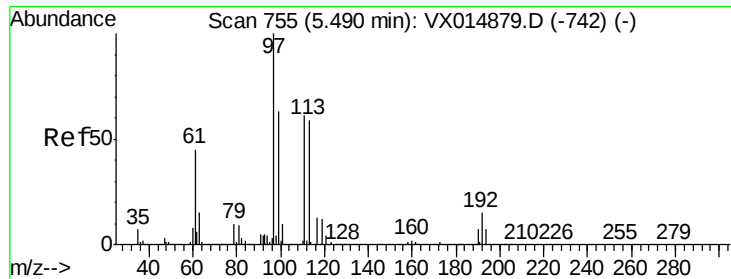
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 977  
 Delta R.T. -0.01 min  
 Lab File: VX014955.D  
 Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 678969 |       |       |
| 63      | 19.3  | 0.0    | 39.2  |       |
| 88      | 16.0  | 0.0    | 32.0  |       |





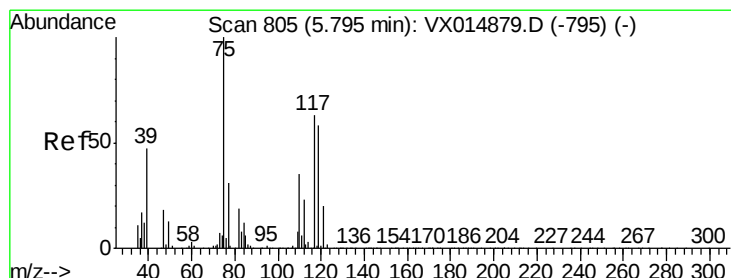
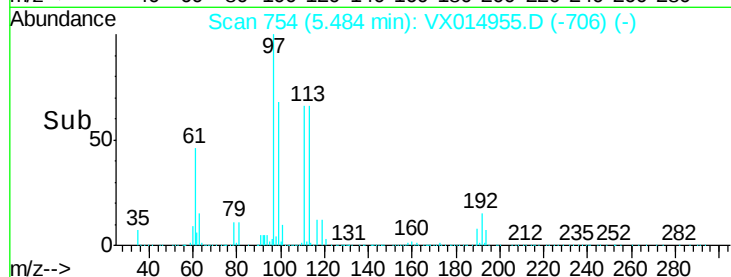
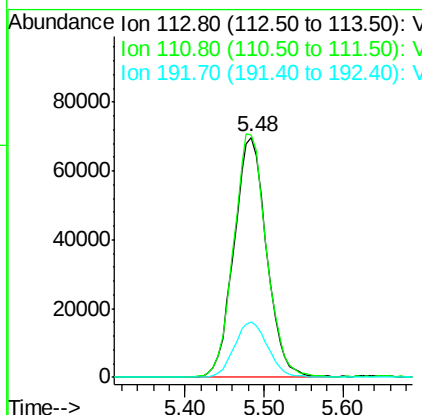
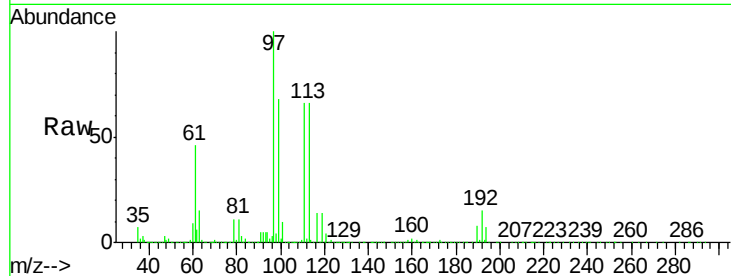
#35  
 Dibromofluoromethane  
 Concen: 48.084 ug/l  
 RT: 5.48 min Scan# 754  
 Delta R.T. -0.01 min  
 Lab File: VX014955.D  
 Acq: 18 Feb 2020 16:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 200709 |       |       |
| 111     | 101.6 | 82.4   | 123.6 |       |
| 192     | 23.8  | 19.1   | 28.7  |       |

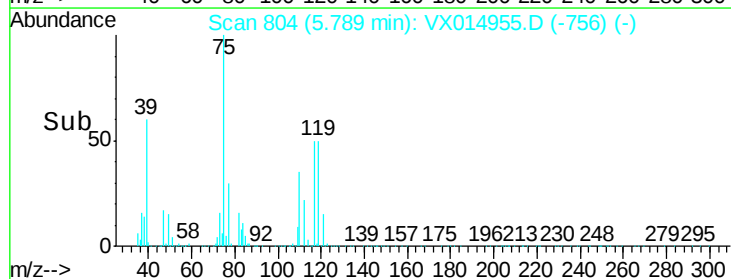
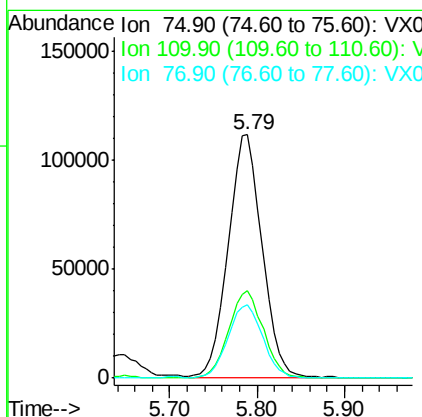
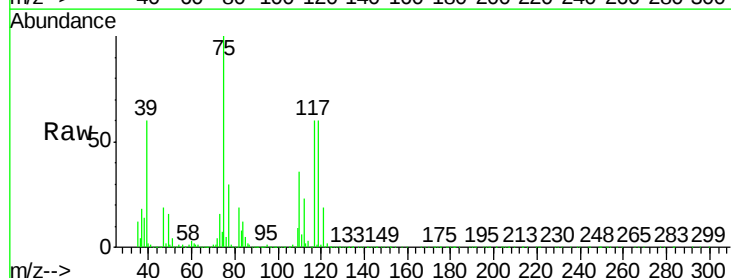
Manual Integrations  
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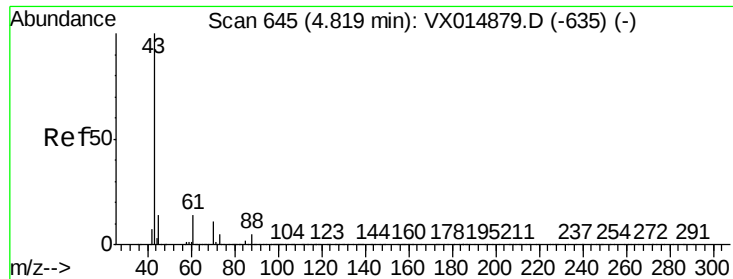
MMDadoda  
 2/19/2020 12:14:55 PM



#36  
 1,1-Dichloropropene  
 Concen: 49.242 ug/l  
 RT: 5.79 min Scan# 804  
 Delta R.T. -0.01 min  
 Lab File: VX014955.D  
 Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 299074 |       |       |
| 110     | 37.0  | 18.3   | 54.8  |       |
| 77      | 30.6  | 24.6   | 36.8  |       |





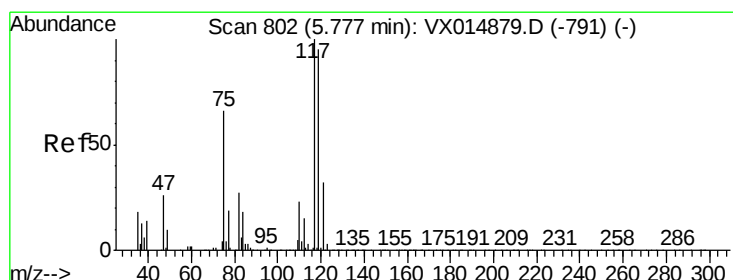
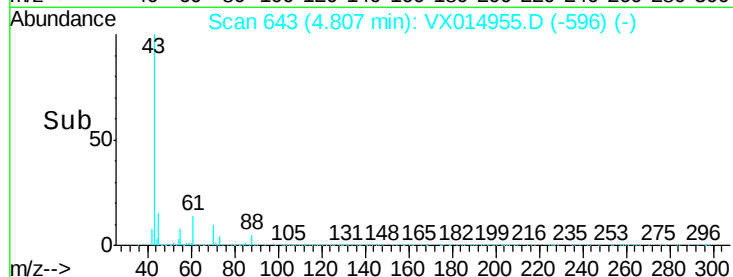
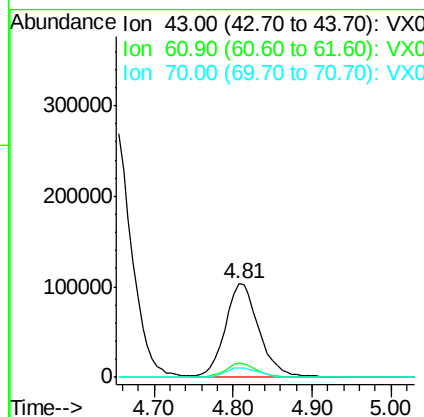
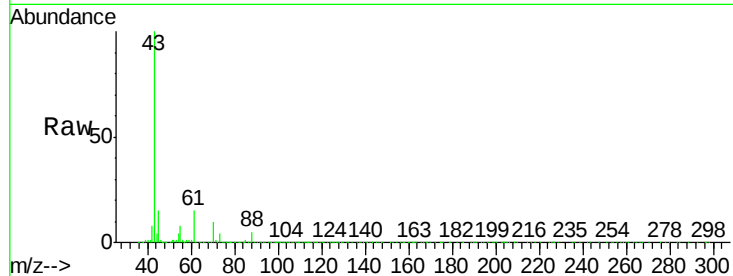
#37  
Ethyl Acetate  
Concen: 47.768 ug/l  
RT: 4.81 min Scan# 643  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050EC

| Tot Ion   | 43    | Resp  | 302595 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 13.9  | 10.9  | 16.3   |
| 70        | 10.9  | 8.7   | 13.1   |

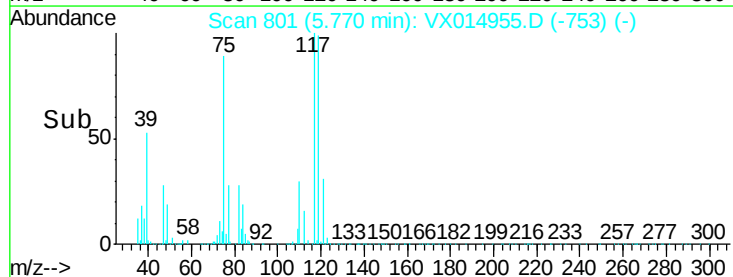
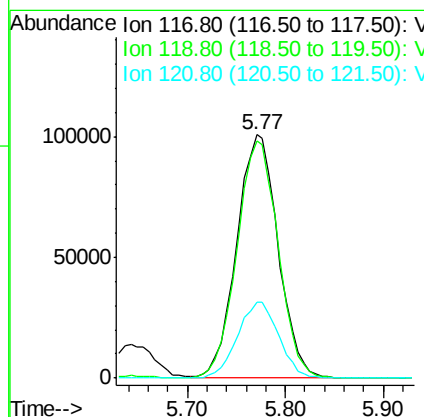
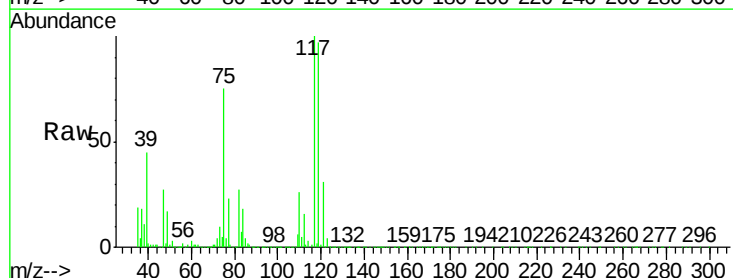
Manual Integrations  
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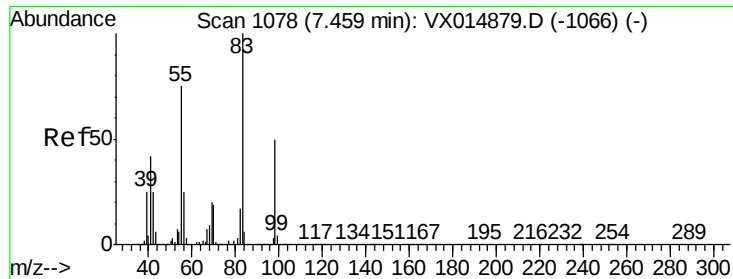
MMDadoda  
2/19/2020 12:14:55 PM



#38  
Carbon Tetrachloride  
Concen: 49.593 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion   | 117   | Resp  | 293535 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 97.3  | 76.0  | 114.0  |
| 121       | 30.9  | 25.4  | 38.2   |





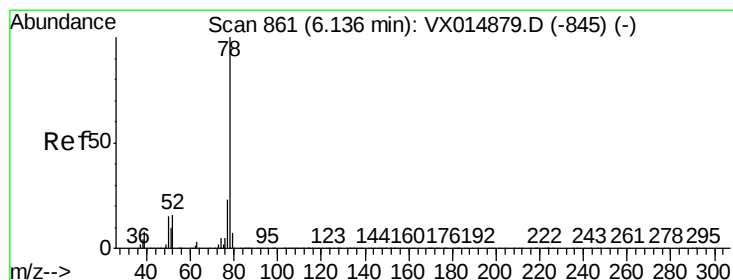
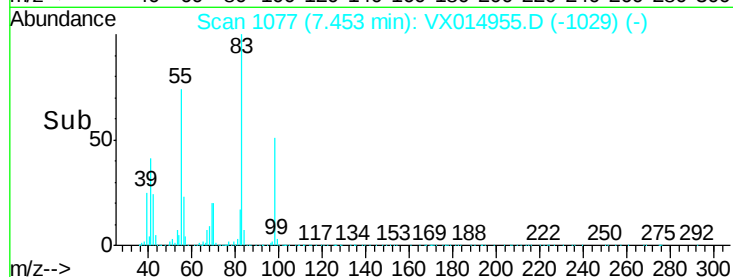
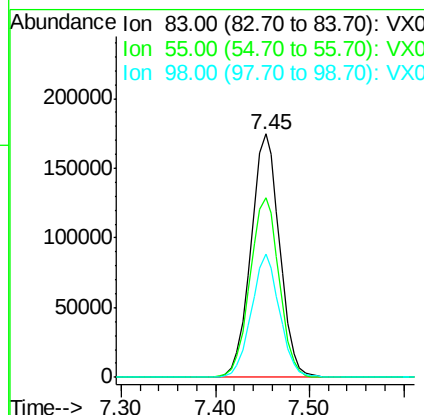
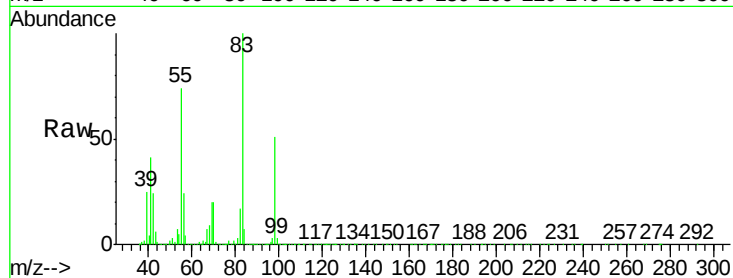
#39  
Methvlcvclohexane  
Concen: 49.034 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 73.9  | 60.0  | 90.0  |
| 98      | 50.4  | 39.6  | 59.4  |

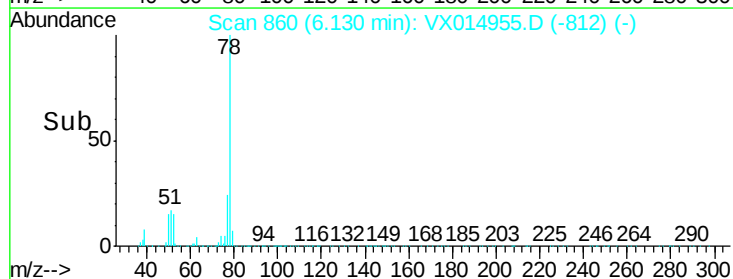
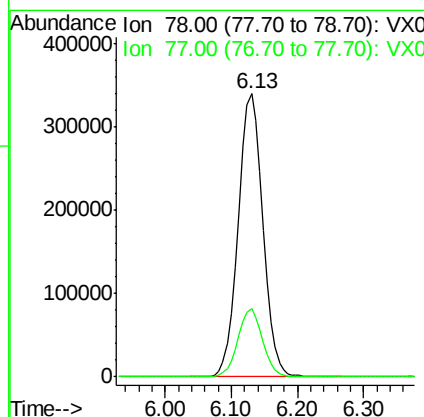
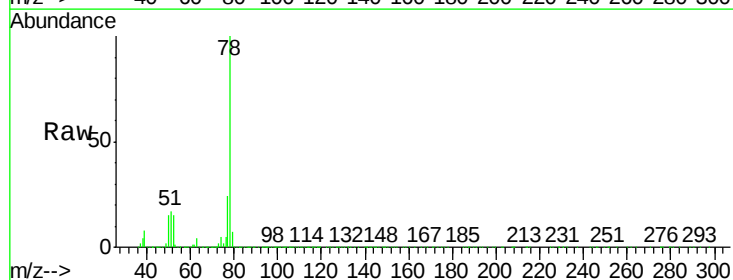
Manual Integrations  
APPROVED

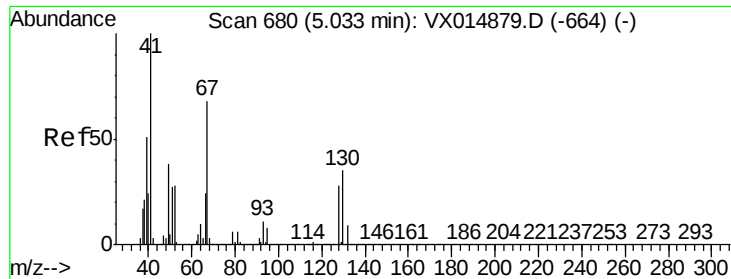
MMDadoda  
2/19/2020 12:14:55 PM



#40  
Benzene  
Concen: 48.504 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.2  | 18.8  | 28.2  |





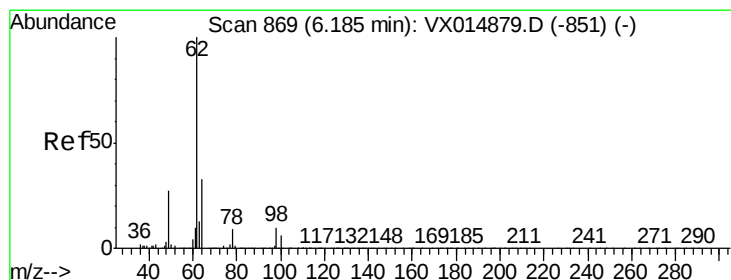
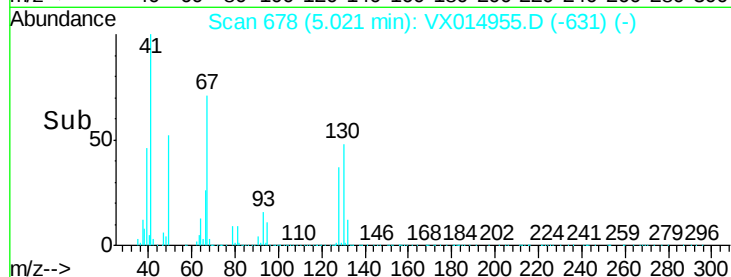
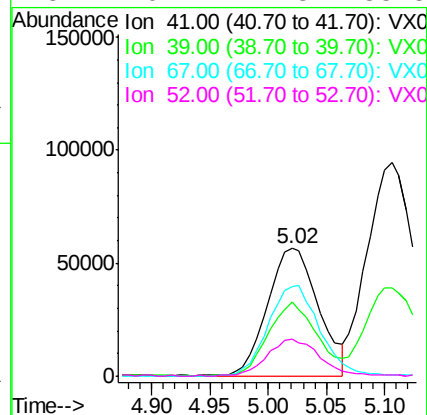
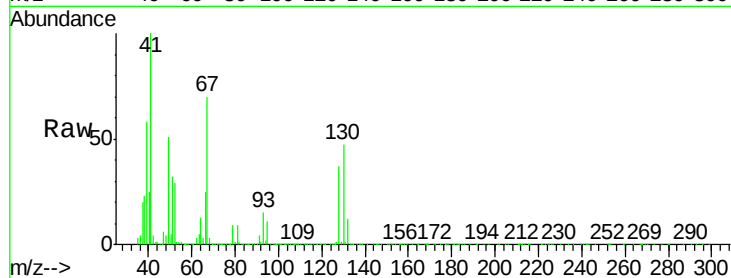
#41  
Methacrylonitrile  
Concen: 50.335 ug/l  
RT: 5.02 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 55.7  | 44.7  | 67.1  |
| 67      | 72.0  | 56.6  | 84.8  |
| 52      | 29.2  | 22.3  | 33.5  |

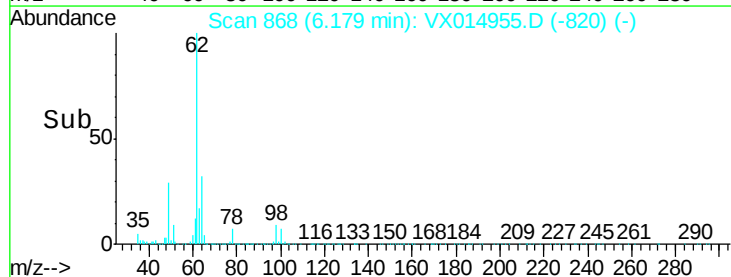
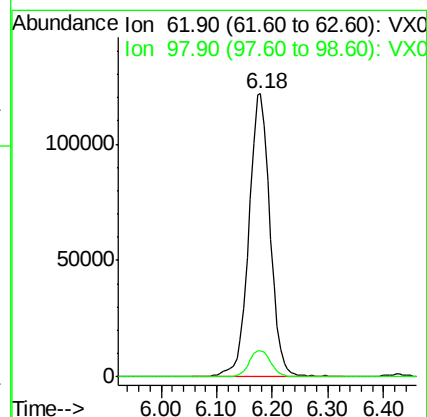
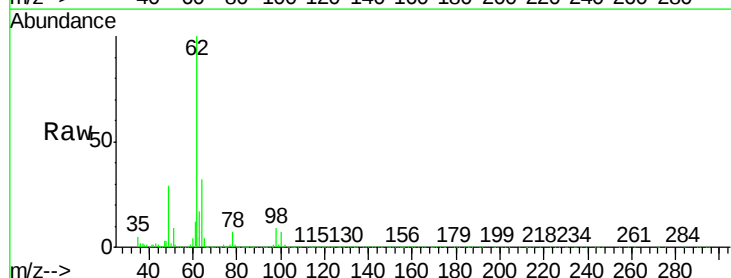
Manual Integrations  
APPROVED

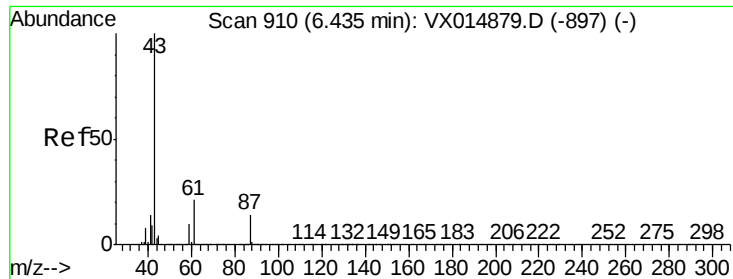
MMDadoda  
2/19/2020 12:14:55 PM



#42  
1,2-Dichloroethane  
Concen: 49.230 ug/l  
RT: 6.18 min Scan# 868  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.3   | 0.0   | 19.2  |





#43

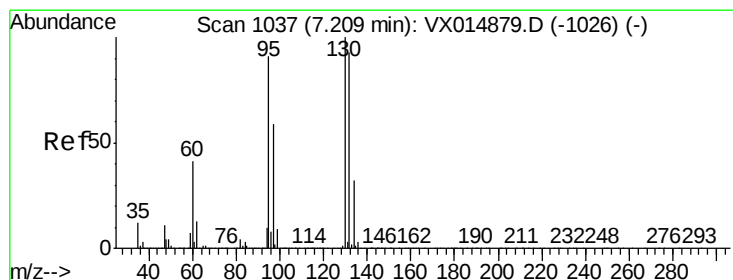
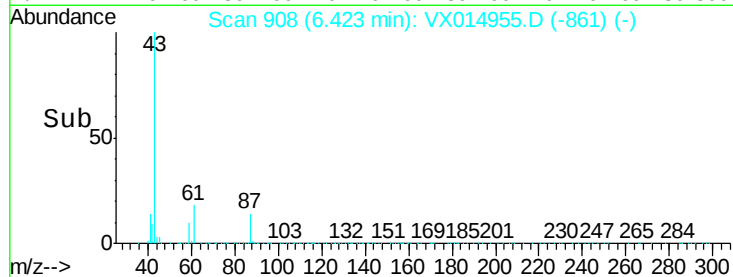
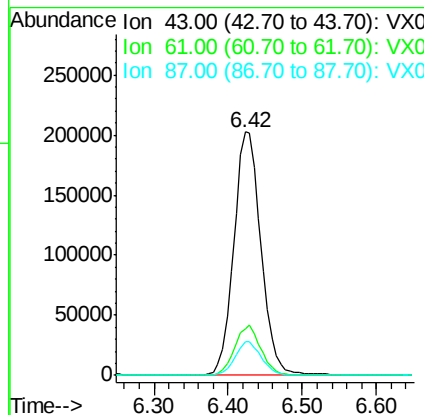
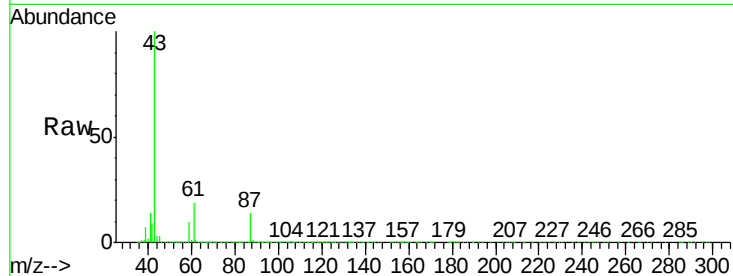
Isopropyl Acetate  
 Concen: 49.181 ug/l  
 RT: 6.42 min Scan# 908  
 Delta R.T. -0.01 min  
 Lab File: VX014955.D  
 Acq: 18 Feb 2020 16:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.1  | 16.2  | 24.4  |
| 87      | 13.3  | 11.0  | 16.6  |

Manual Integrations  
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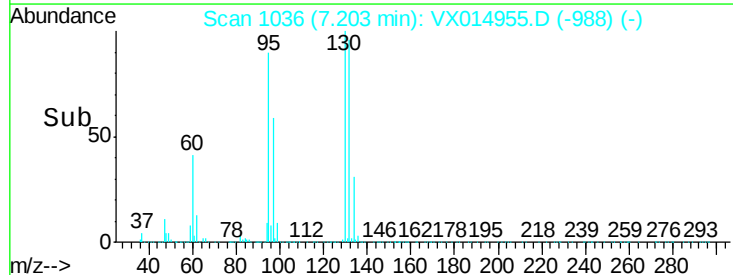
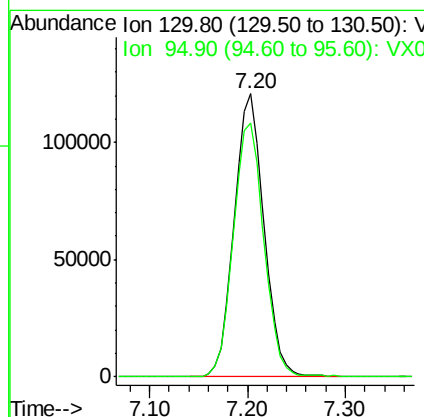
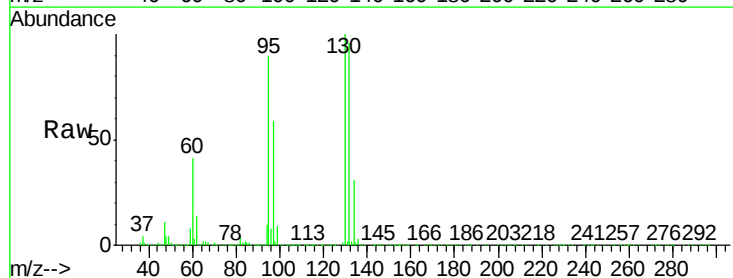
MMDadoda  
 2/19/2020 12:14:55 PM

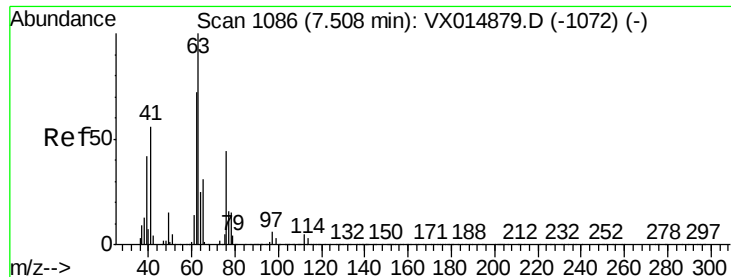


#44

Trichloroethene  
 Concen: 48.295 ug/l  
 RT: 7.20 min Scan# 1036  
 Delta R.T. -0.01 min  
 Lab File: VX014955.D  
 Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 89.5  | 0.0   | 182.6 |





#45

1,2-Dichloropropane

Concen: 48.745 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 225591

Ion Ratio Lower Upper

63 100

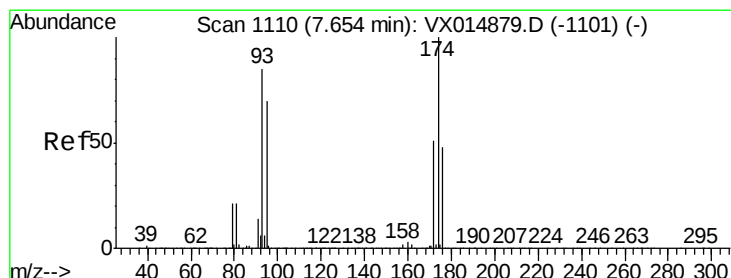
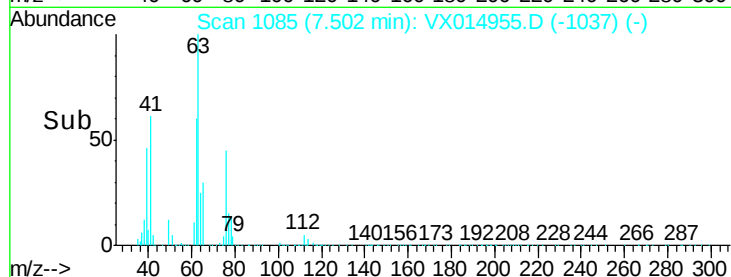
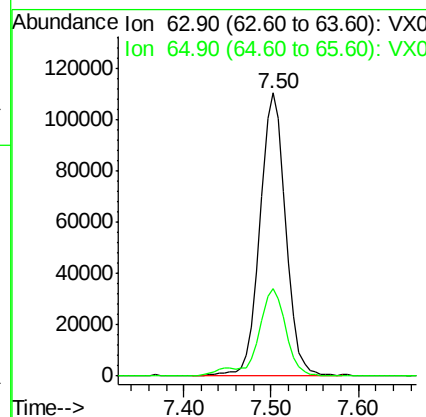
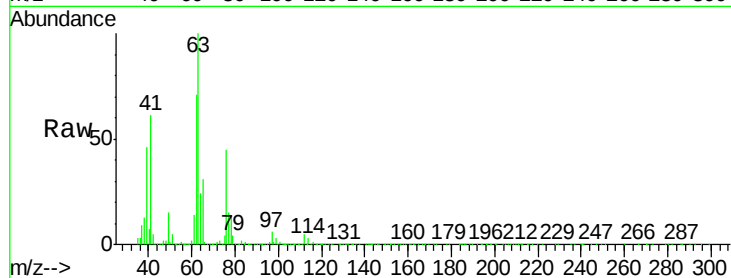
65 30.7 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 47.773 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

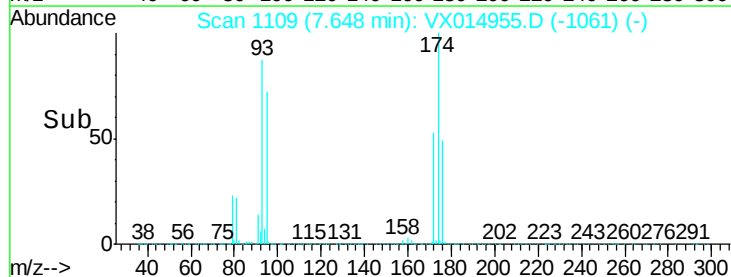
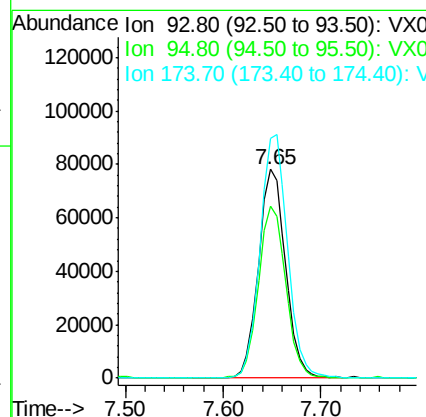
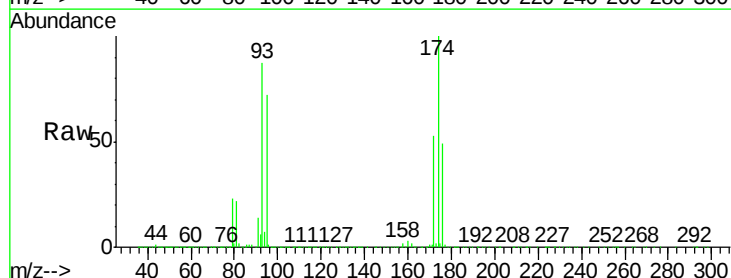
Tgt Ion: 93 Resp: 151130

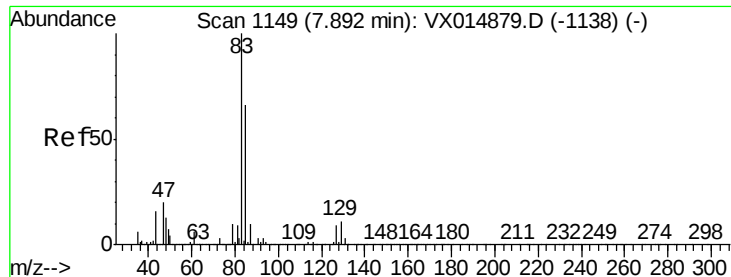
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 119.0 95.4 143.2





#47

Bromodichloromethane

Concen: 49.471 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

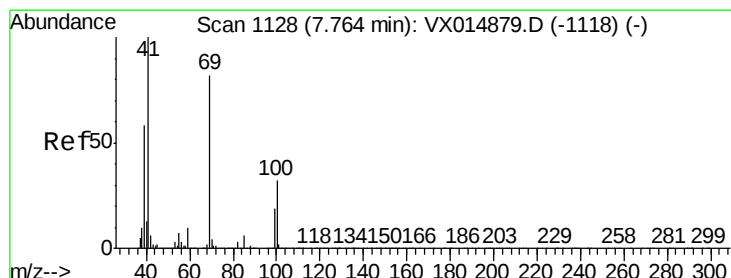
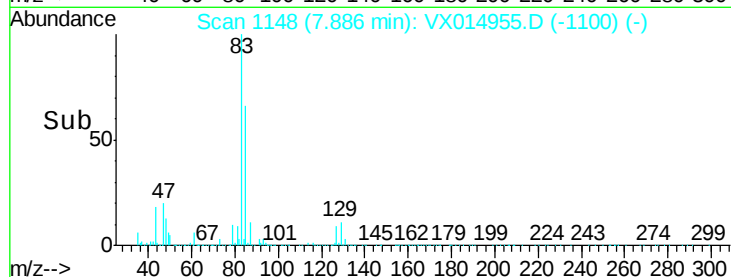
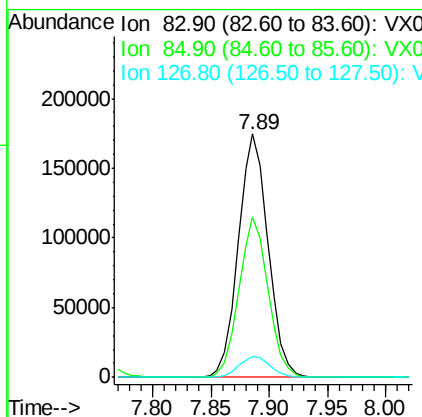
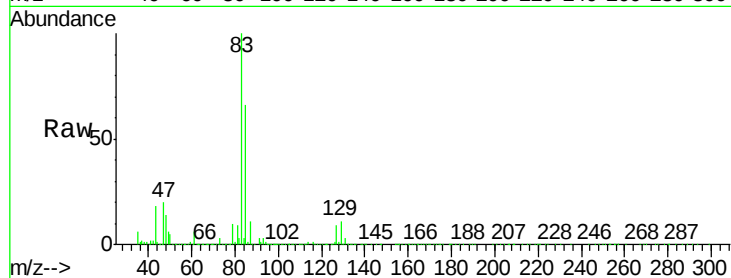
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 310306 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.7  | 52.5  | 78.7   |
| 127       | 8.6   | 7.4   | 11.0   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 49.872 ug/l

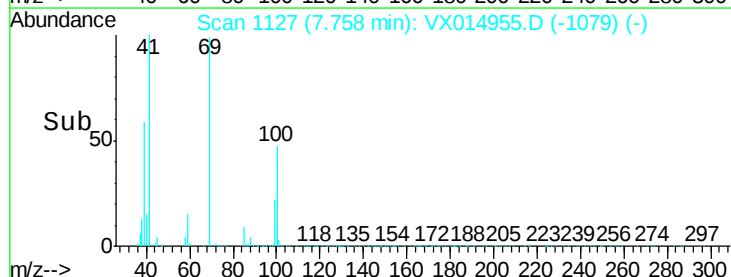
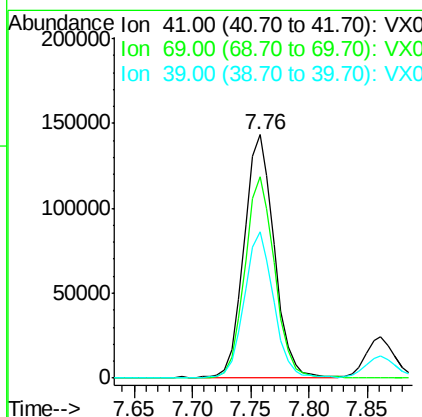
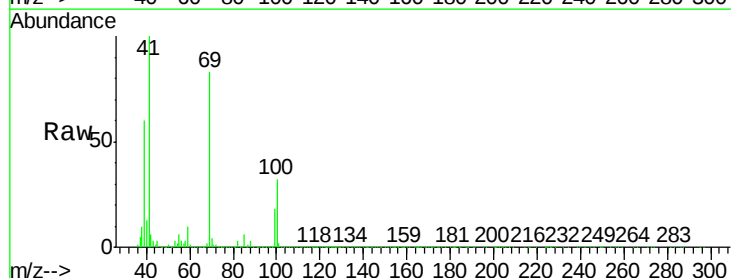
RT: 7.76 min Scan# 1127

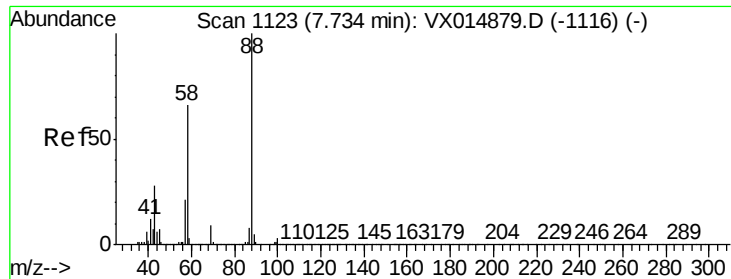
Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 256475 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 82.7  | 65.7  | 98.5   |
| 39        | 58.4  | 45.8  | 68.8   |





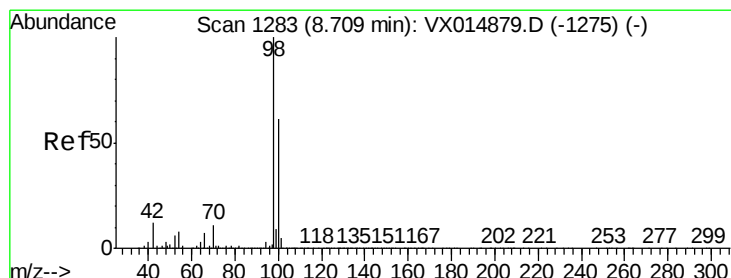
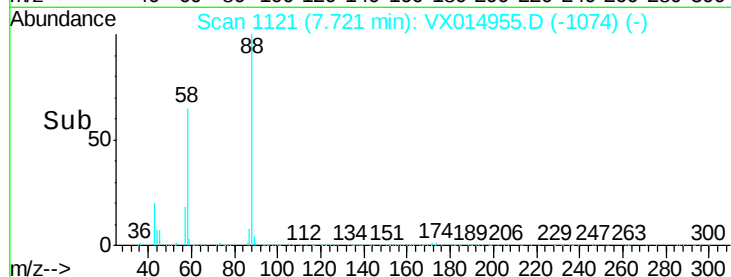
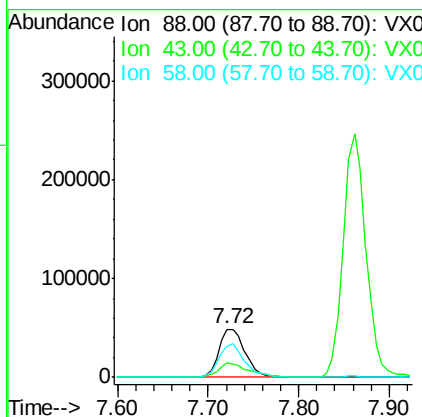
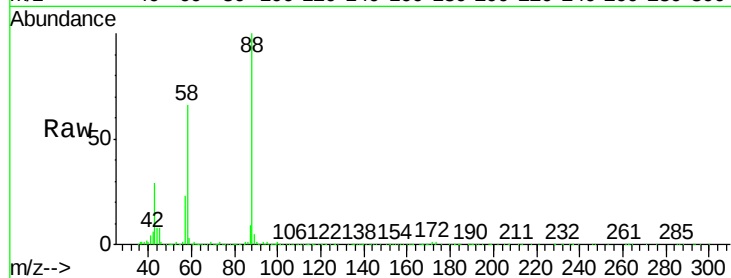
#49  
1,4-Dioxane  
Concen: 1014.659 ug/l  
RT: 7.72 min Scan# 1121  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 33.2  | 27.0  | 40.4  |
| 58      | 70.5  | 53.2  | 79.8  |

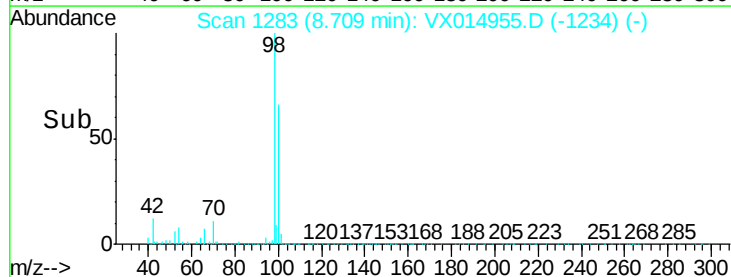
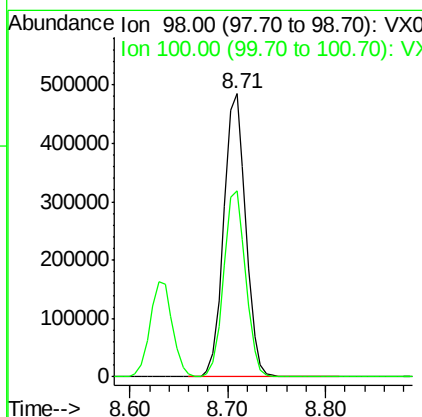
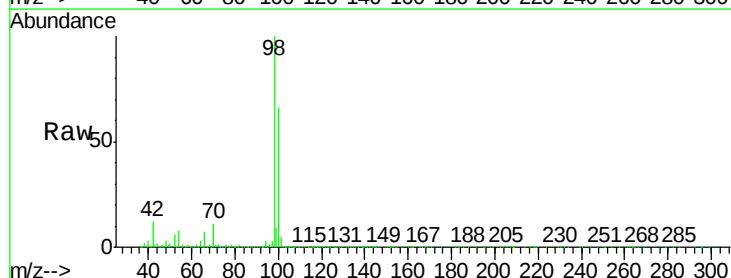
Manual Integrations  
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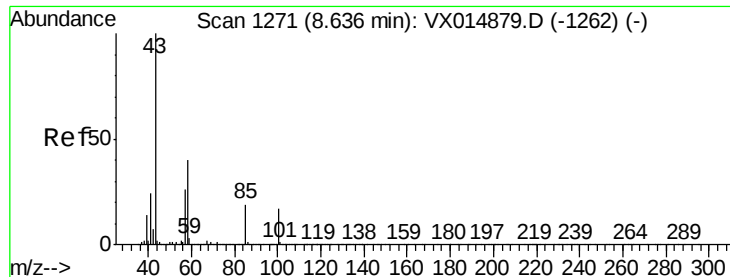
MMDadoda  
2/19/2020 12:14:55 PM



#50  
Toluene-d8  
Concen: 47.277 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.7  | 52.4  | 78.6  |





#51

4-Methyl-2-Pentanone

Concen: 246.471 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1555192

Ion Ratio Lower Upper

43 100

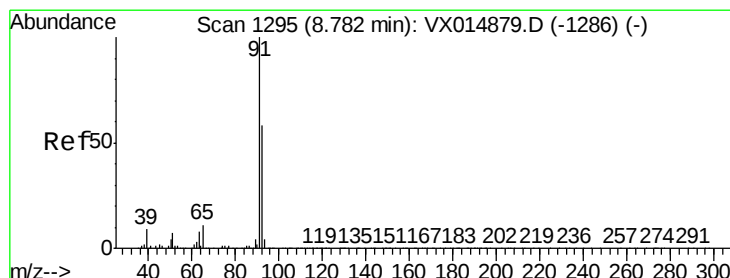
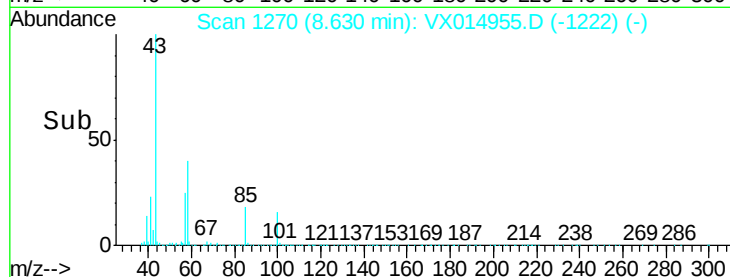
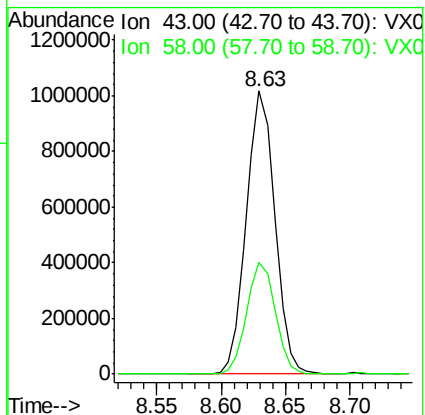
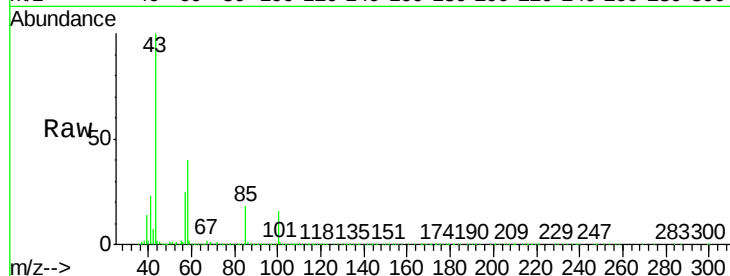
58 39.8 31.9 47.9

Manual Integrations

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2/19/2020 12:14:55 PM



#52

Toluene

Concen: 49.103 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014955.D

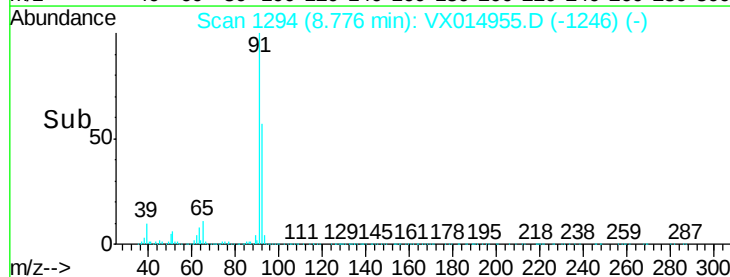
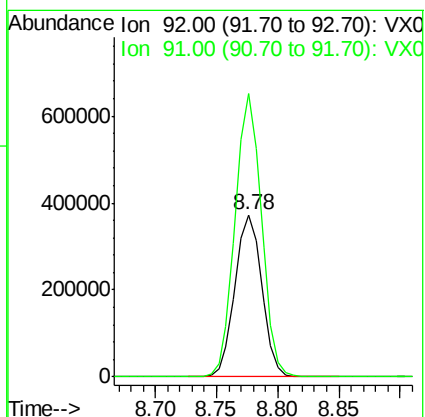
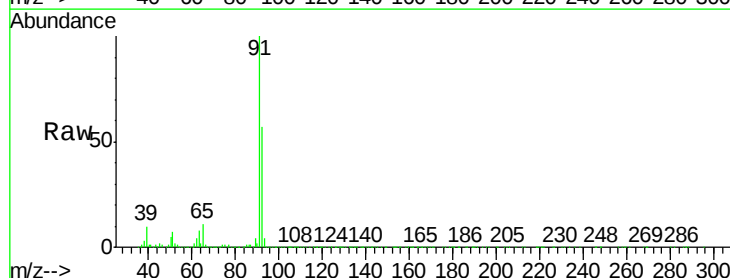
Acq: 18 Feb 2020 16:36

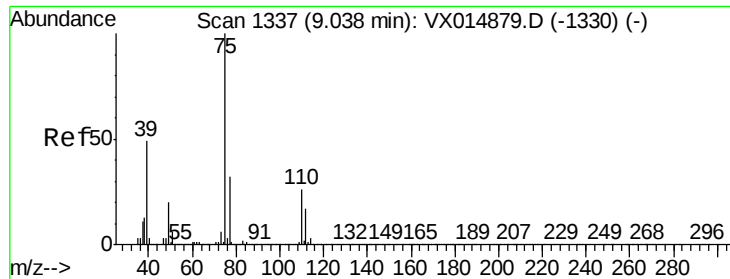
Tgt Ion: 92 Resp: 565946

Ion Ratio Lower Upper

92 100

91 171.5 137.0 205.4





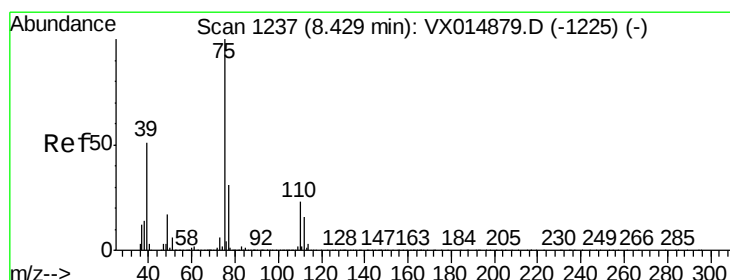
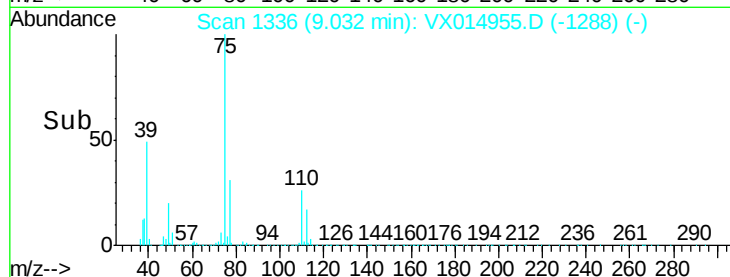
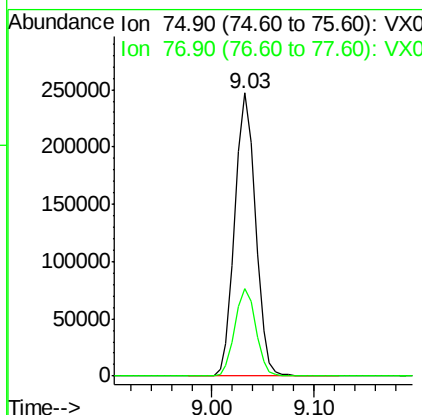
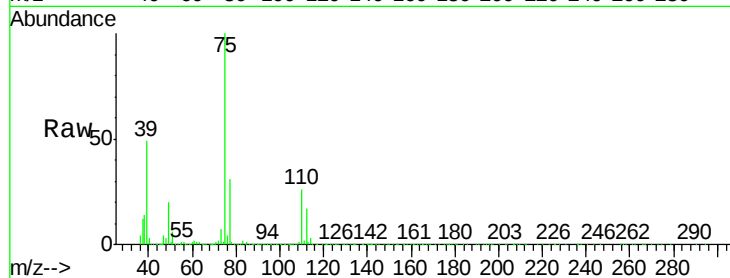
#53  
t-1,3-Dichloropropene  
Concen: 50.350 ug/l  
RT: 9.03 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.9  | 25.5  | 38.3  |

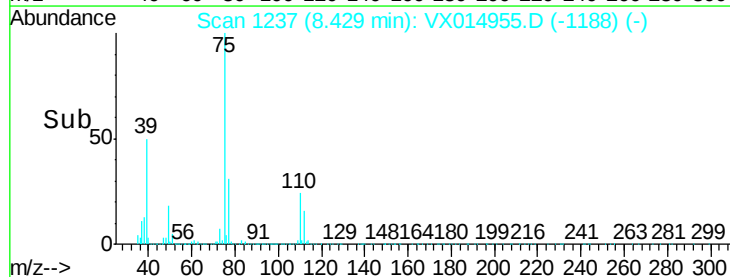
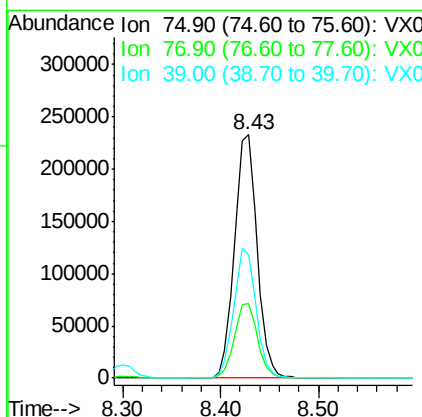
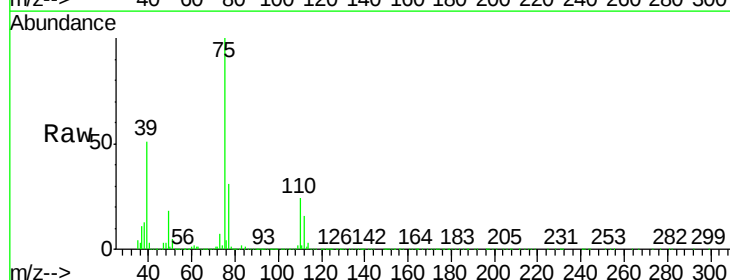
Manual Integrations  
APPROVED

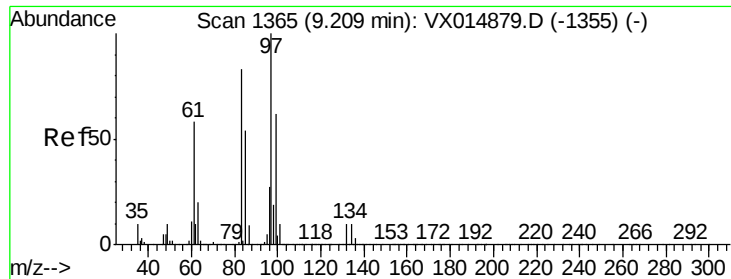
MMDadoda  
2/19/2020 12:14:55 PM



#54  
cis-1,3-Dichloropropene  
Concen: 49.236 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.9  | 24.6  | 37.0  |
| 39      | 50.5  | 40.9  | 61.3  |





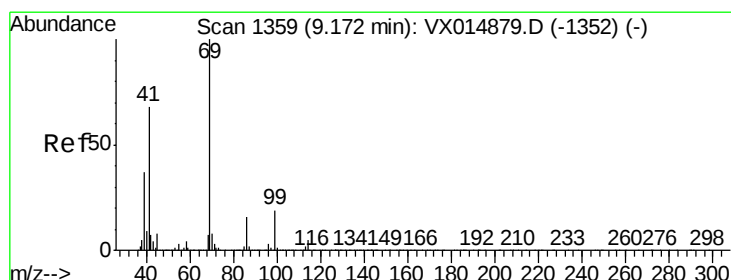
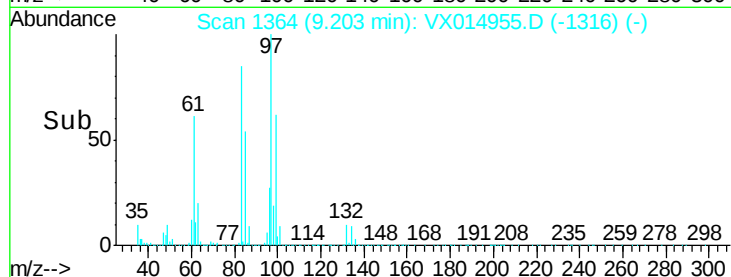
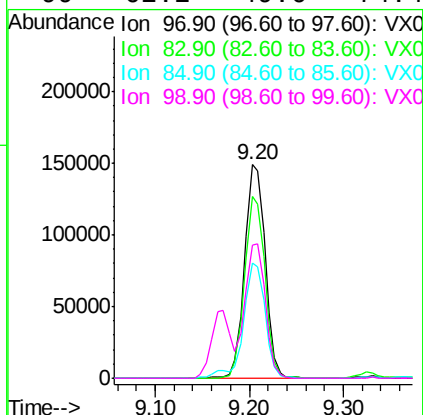
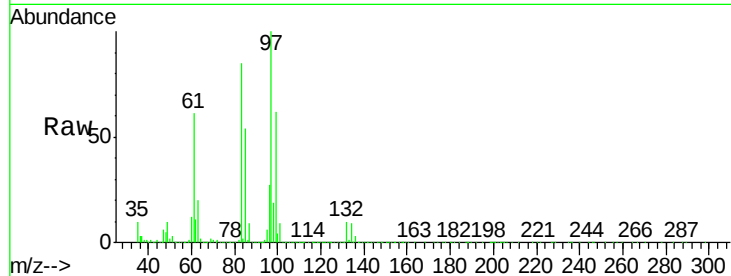
#55  
 1,1,2-Trichloroethane  
 Concen: 49.023 ug/l  
 RT: 9.20 min Scan# 1364  
 Delta R.T. -0.01 min  
 Lab File: VX014955.D  
 Acq: 18 Feb 2020 16:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 22859 |       |       |
| 83      | 84.7 | 66.6  | 99.8  |       |       |
| 85      | 54.0 | 43.5  | 65.3  |       |       |
| 99      | 62.2 | 49.6  | 74.4  |       |       |

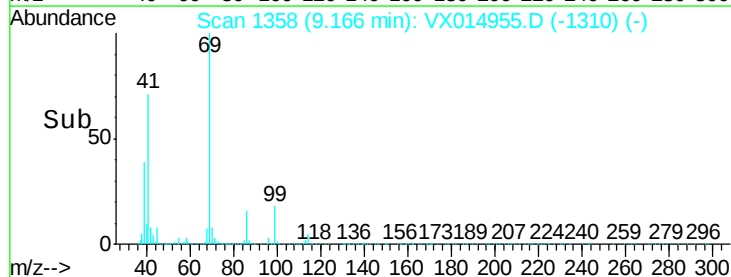
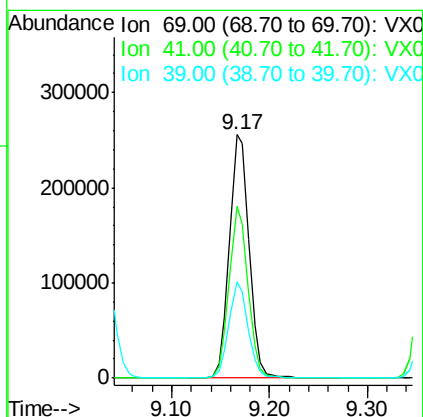
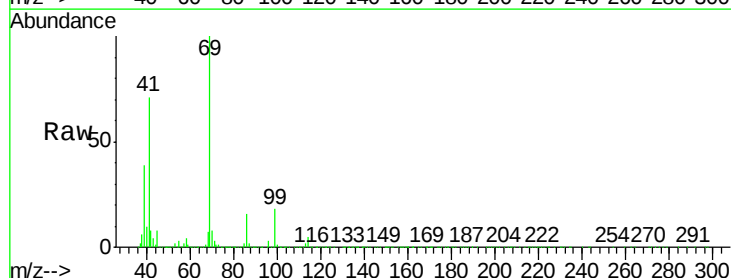
Manual Integrations  
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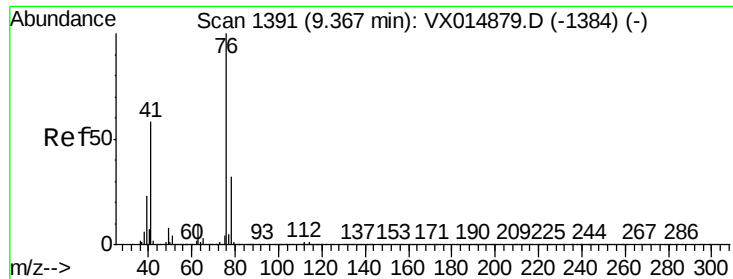
MMDadoda  
 2/19/2020 12:14:55 PM



#56  
 Ethyl methacrylate  
 Concen: 51.066 ug/l  
 RT: 9.17 min Scan# 1358  
 Delta R.T. -0.01 min  
 Lab File: VX014955.D  
 Acq: 18 Feb 2020 16:36

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 357923 |       |       |
| 41      | 67.8 | 54.8  | 82.2   |       |       |
| 39      | 38.4 | 29.9  | 44.9   |       |       |





#57

1,3-Dichloropropane

Concen: 48.717 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 382405

Ion Ratio Lower Upper

76 100

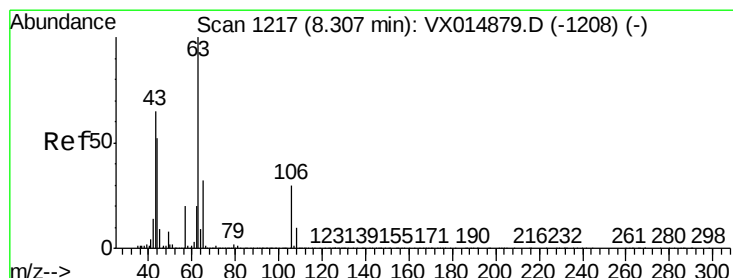
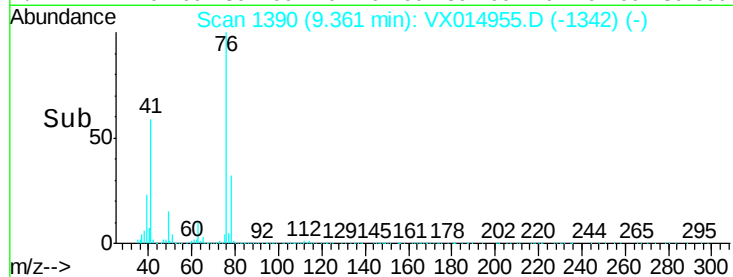
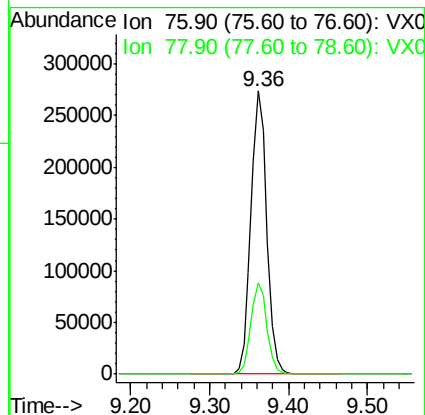
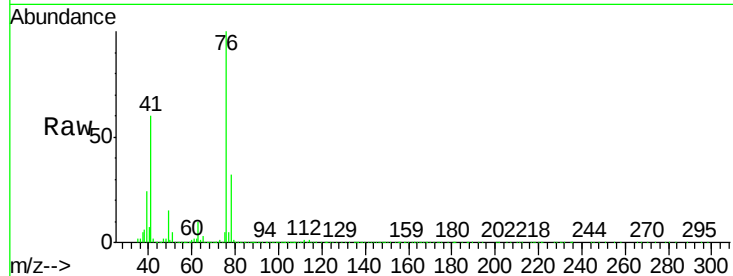
78 32.6 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 244.807 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014955.D

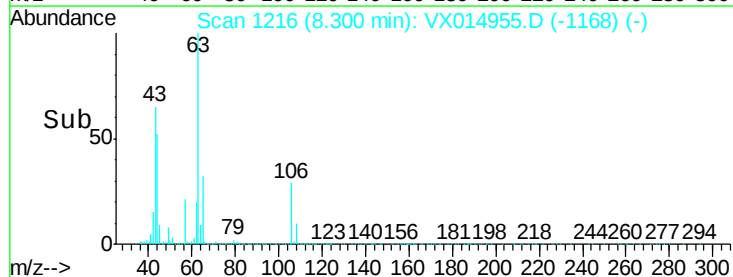
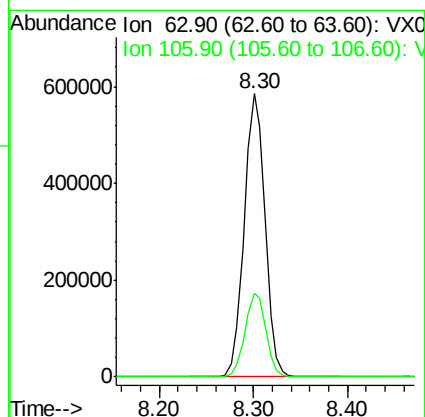
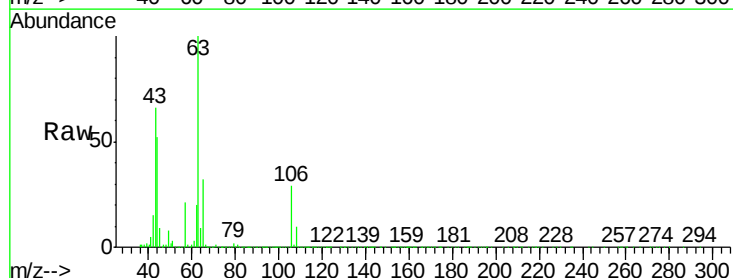
Acq: 18 Feb 2020 16:36

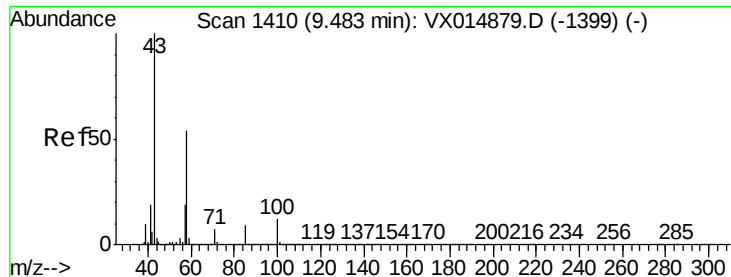
Tgt Ion: 63 Resp: 897364

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8





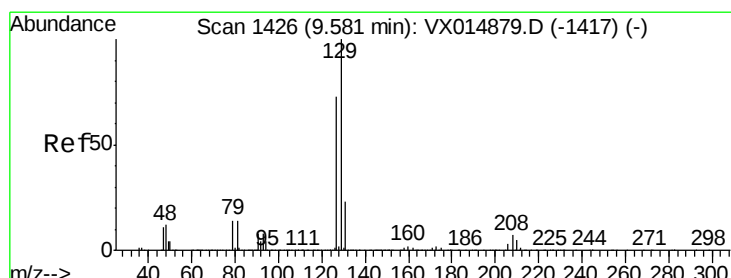
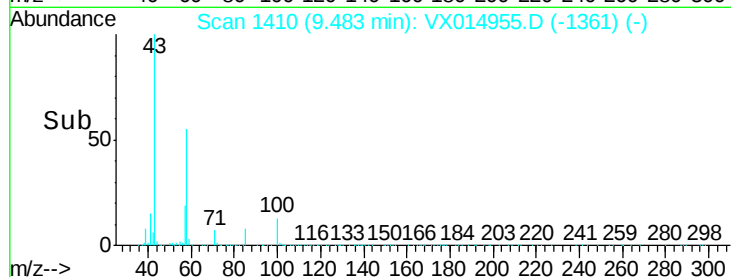
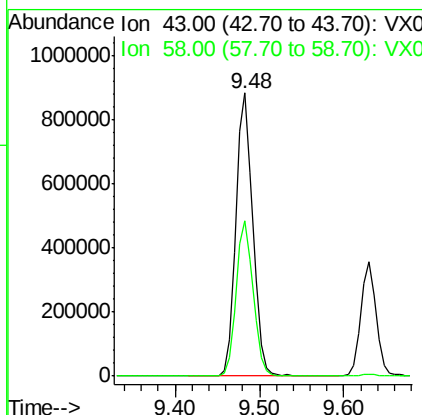
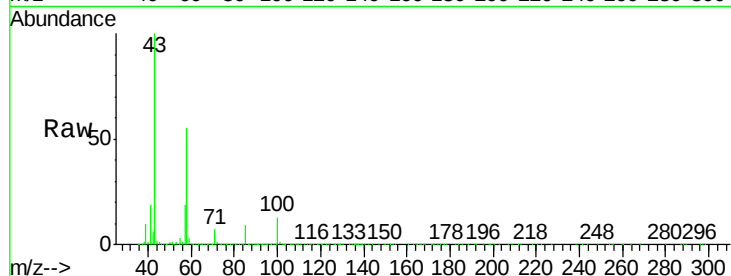
#59  
2-Hexanone  
Concen: 240.061 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1190612  
Ion Ratio Lower Upper  
43 100  
58 55.2 27.5 82.5

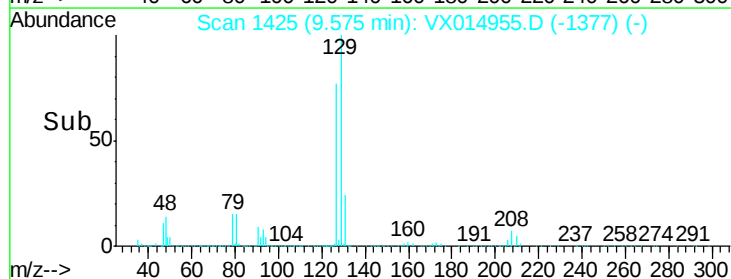
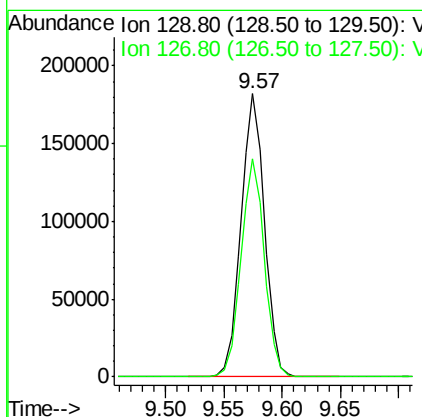
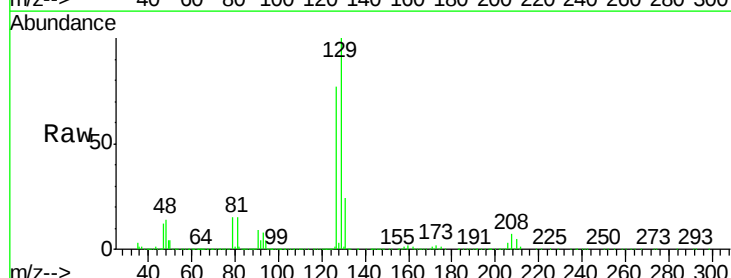
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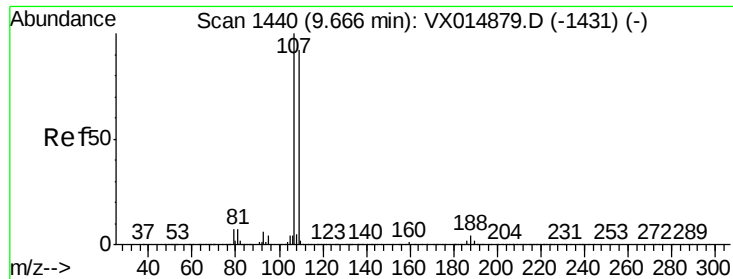
MMDadoda  
2/19/2020 12:14:55 PM



#60  
Dibromochloromethane  
Concen: 51.218 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Tgt Ion: 129 Resp: 257027  
Ion Ratio Lower Upper  
129 100  
127 76.2 37.8 113.3





#61

1,2-Dibromoethane

Concen: 48.255 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 242791

Ion Ratio Lower Upper

107 100

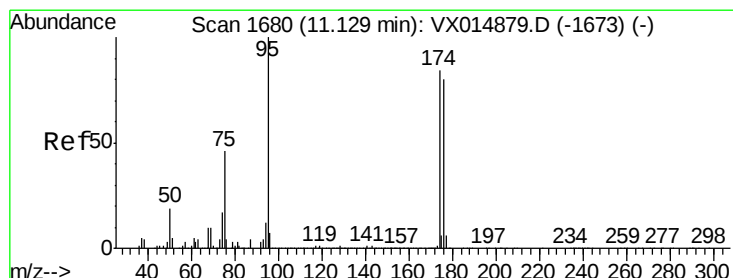
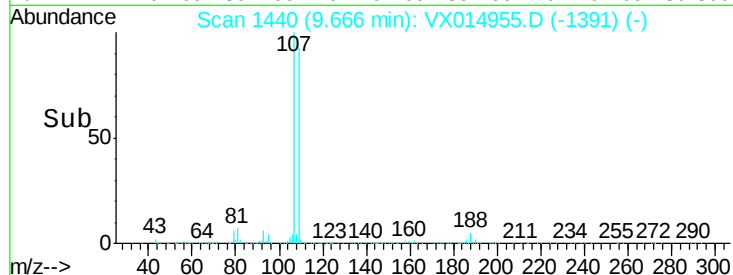
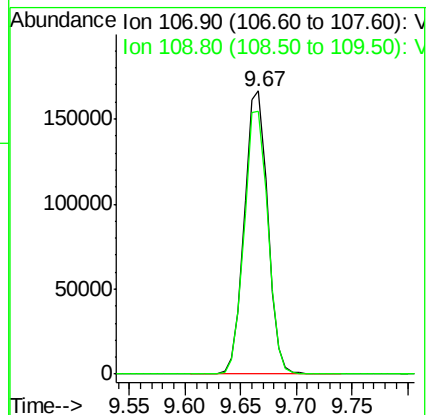
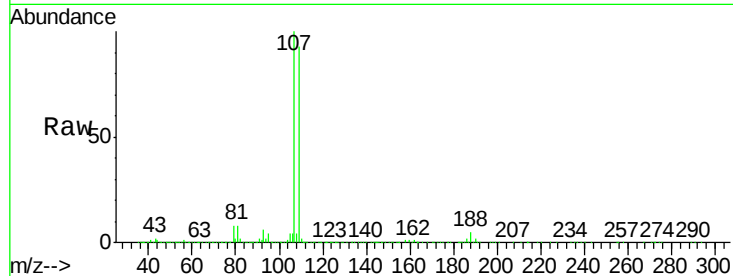
109 94.6 75.6 113.4

Manual Integrations

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2/19/2020 12:14:55 PM



#62

4-Bromofluorobenzene

Concen: 48.567 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

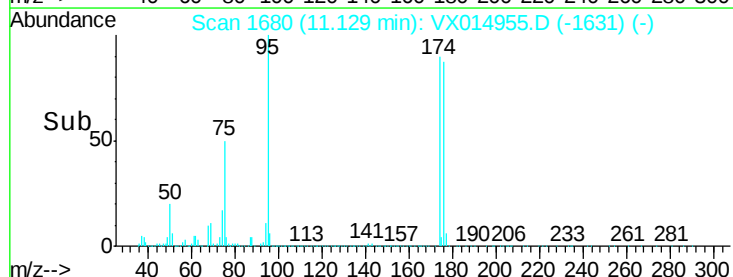
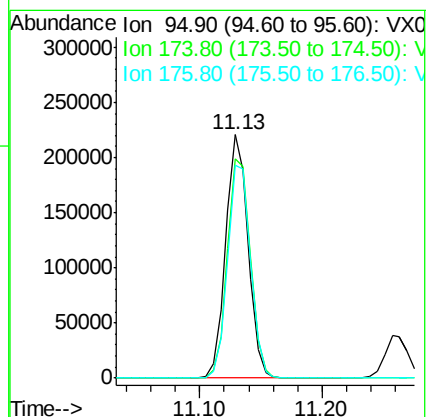
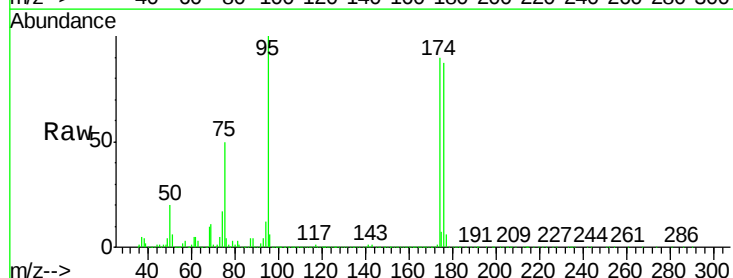
Tgt Ion: 95 Resp: 278755

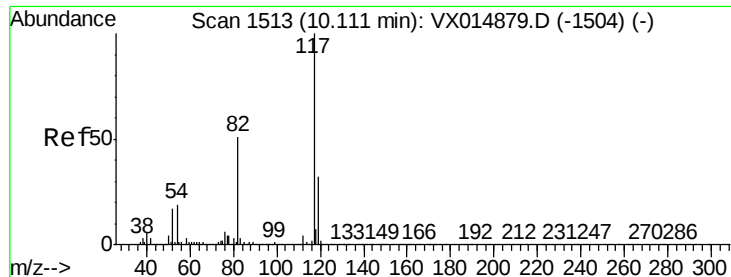
Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.0

176 89.7 0.0 178.0





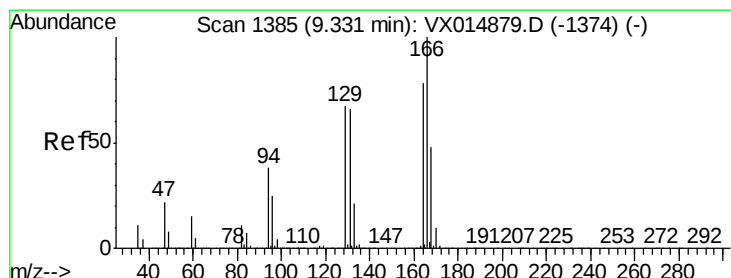
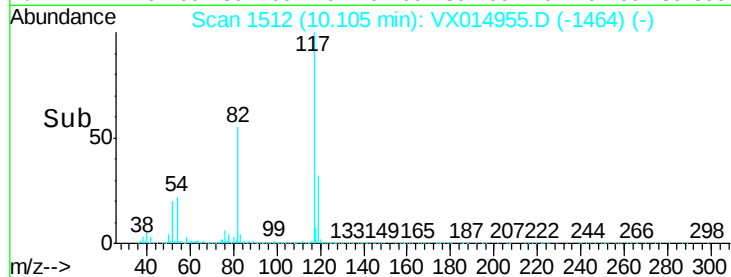
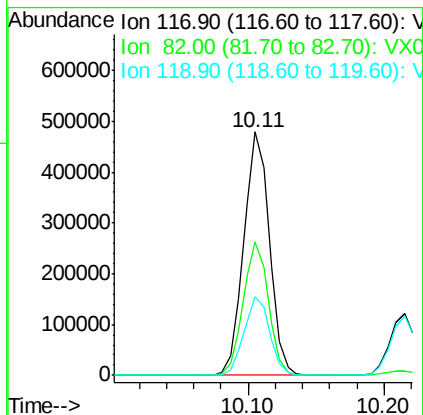
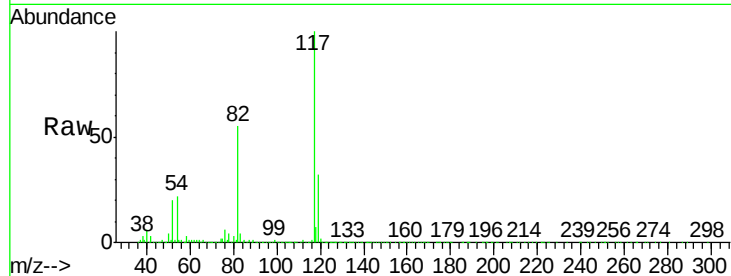
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.0  | 40.5  | 60.7  |
| 119     | 32.2  | 25.8  | 38.6  |

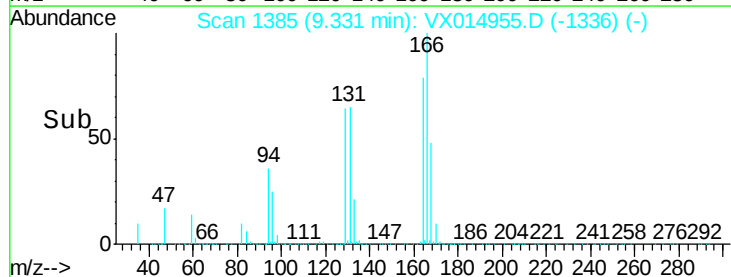
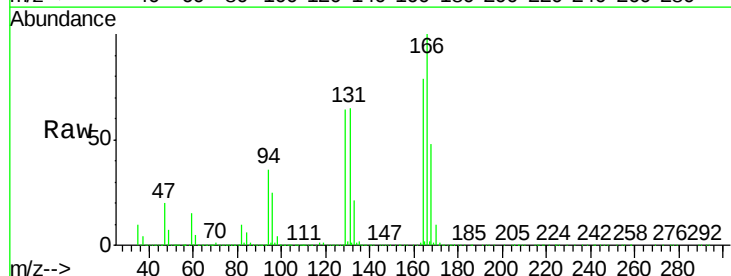
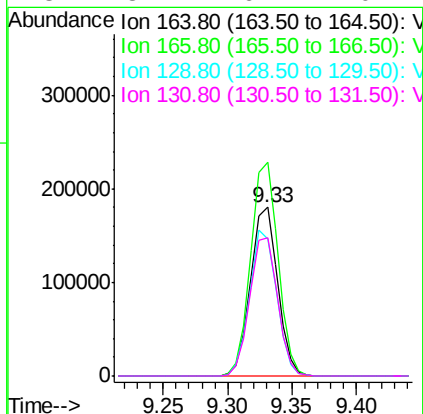
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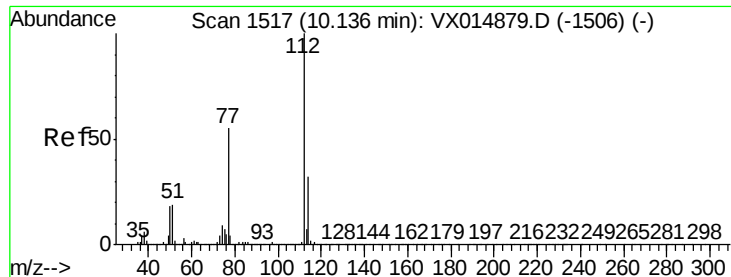
MMDadoda  
2/19/2020 12:14:55 PM



#64  
Tetrachloroethene  
Concen: 44.101 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.7 | 102.6 | 153.8 |
| 129     | 81.2  | 68.3  | 102.5 |
| 131     | 82.1  | 67.4  | 101.2 |





#65

Chlorobenzene

Concen: 48.003 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 614396

Ion Ratio Lower Upper

112 100

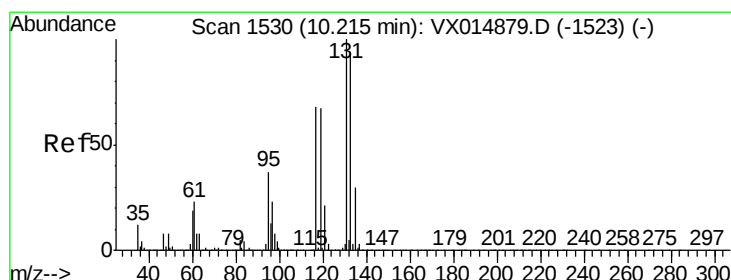
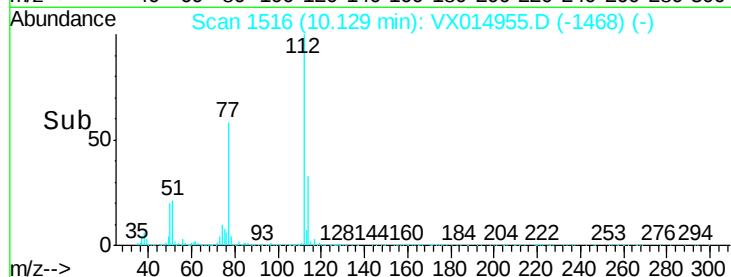
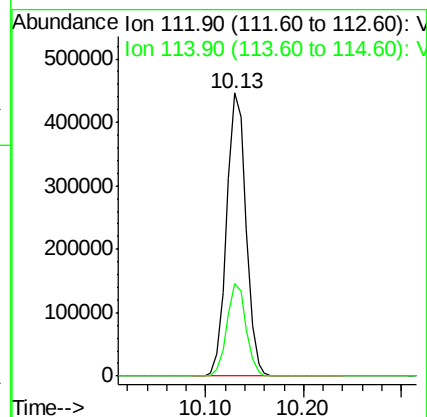
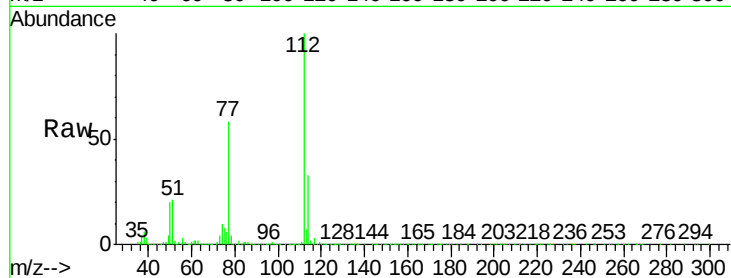
114 32.7 25.6 38.4

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.161 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

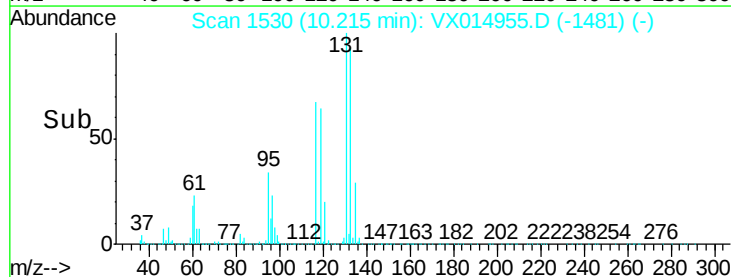
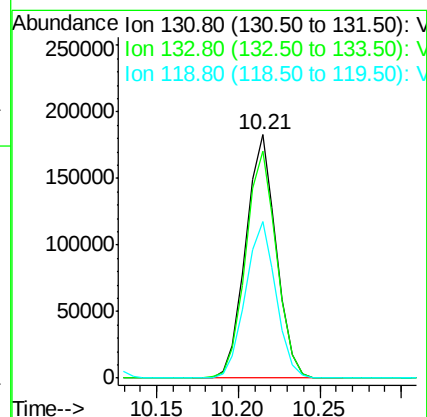
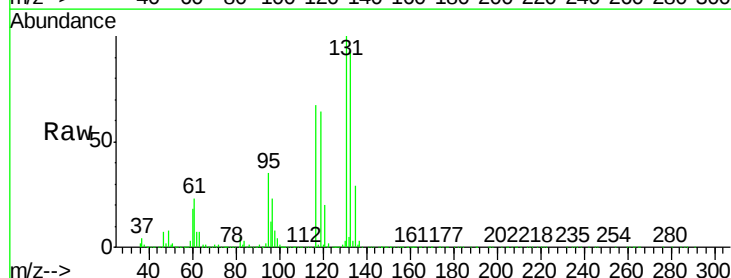
Tgt Ion:131 Resp: 237726

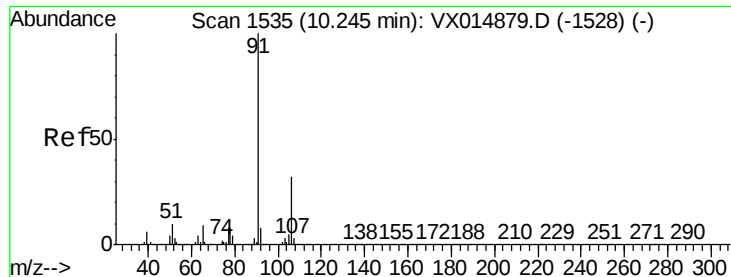
Ion Ratio Lower Upper

131 100

133 94.4 48.1 144.4

119 64.3 33.0 99.0





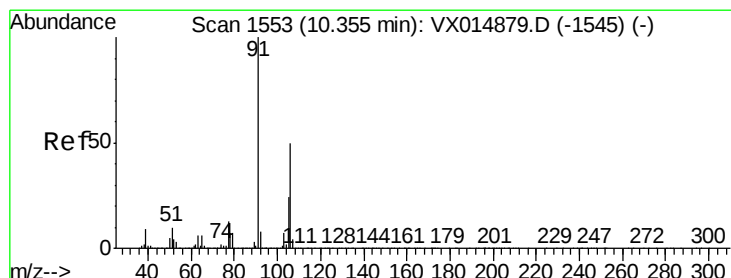
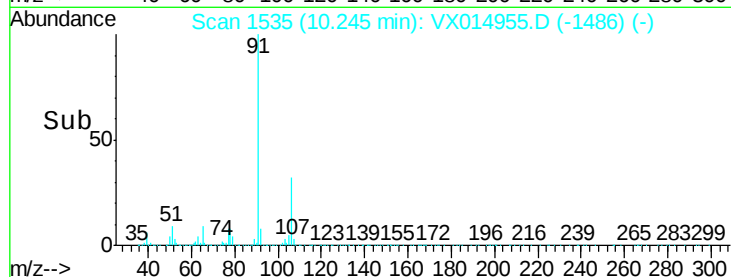
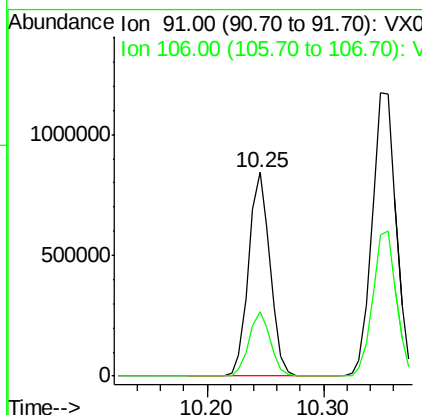
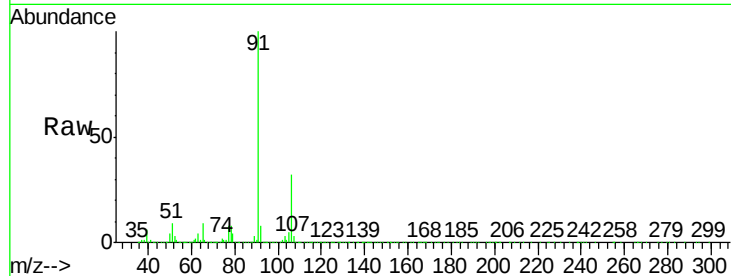
#67  
Ethyl Benzene  
Concen: 49.947 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 1087217  
Ion Ratio Lower Upper  
91 100  
106 31.8 25.3 37.9

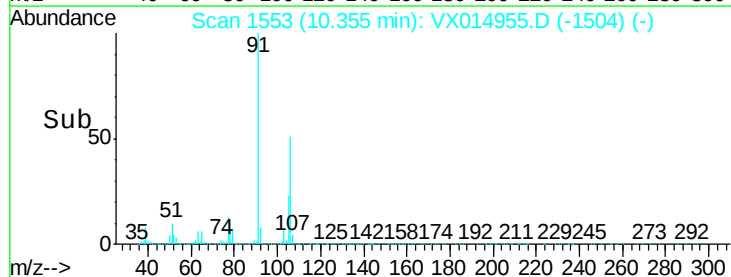
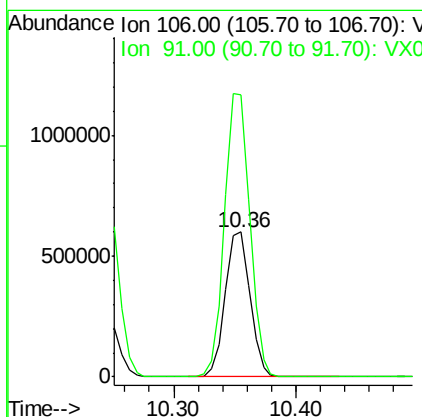
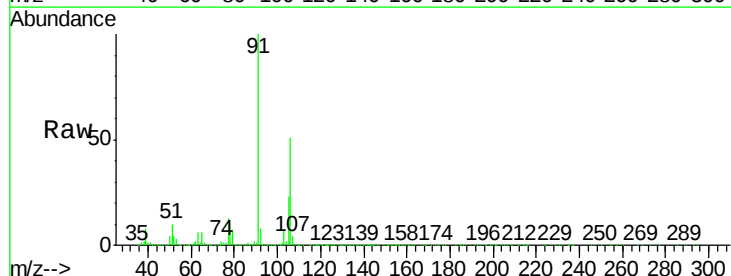
Manual Integrations  
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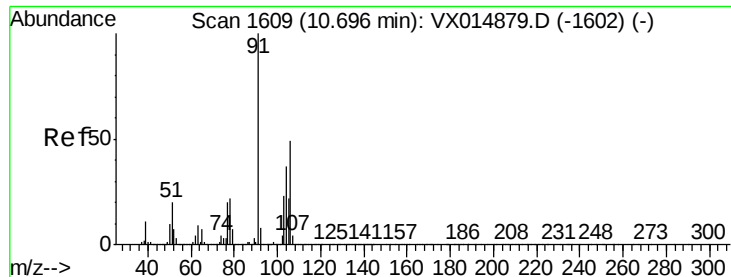
MMDadoda  
2/19/2020 12:14:55 PM



#68  
m/p-Xylenes  
Concen: 100.512 ug/l  
RT: 10.36 min Scan# 1553  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Tgt Ion: 106 Resp: 842844  
Ion Ratio Lower Upper  
106 100  
91 199.2 160.6 240.8





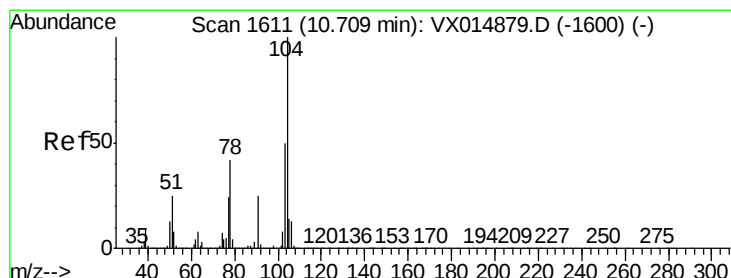
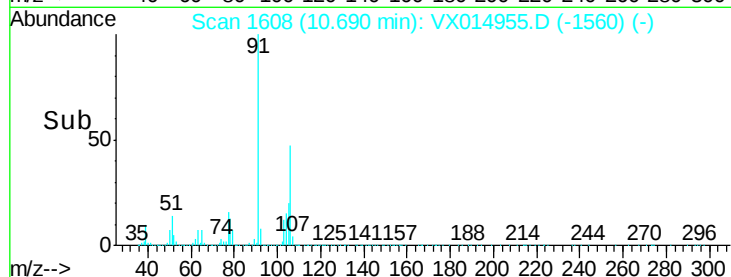
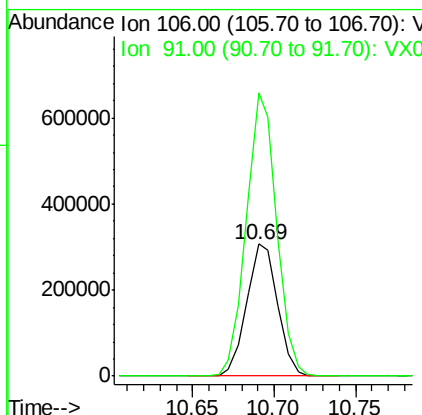
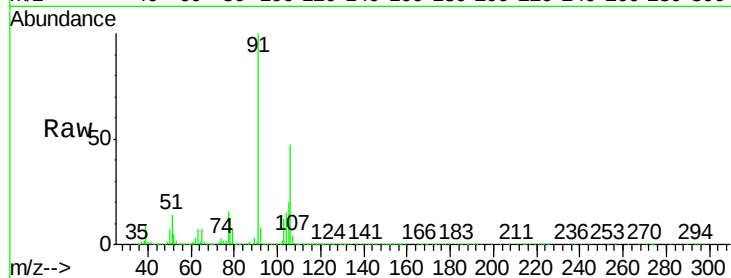
#69  
o-Xylene  
Concen: 50.443 ug/l  
RT: 10.69 min Scan# 1608  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 406604 |       |       |
| 91      | 209.6 | 105.1  | 315.3 |       |

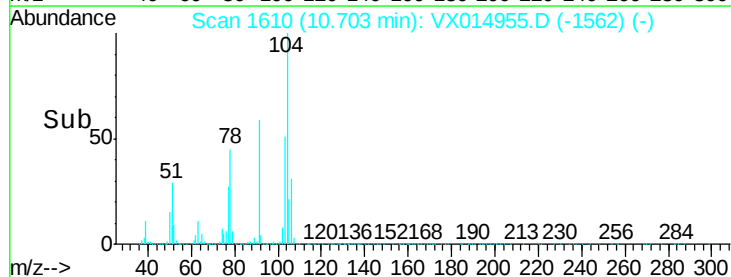
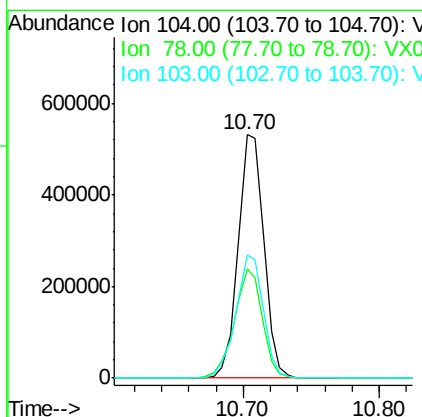
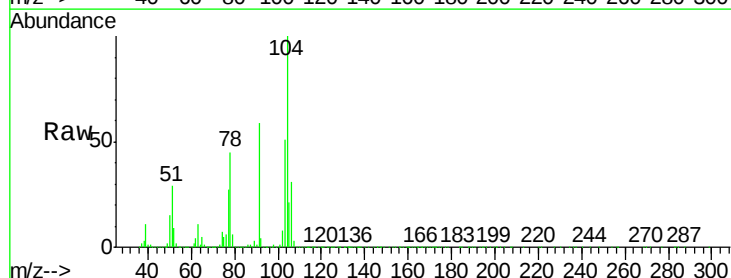
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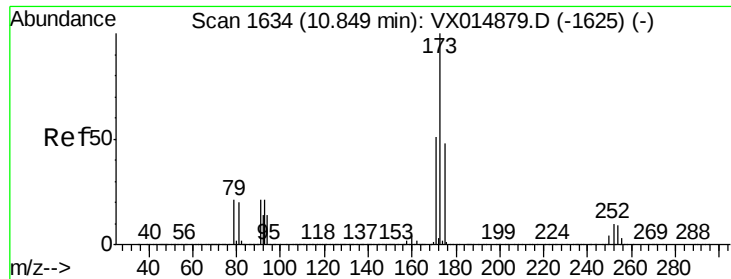
MMDadoda  
2/19/2020 12:14:55 PM



#70  
Styrene  
Concen: 51.455 ug/l  
RT: 10.70 min Scan# 1610  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 701673 |       |       |
| 78      | 48.4  | 39.0   | 58.4  |       |
| 103     | 54.5  | 43.4   | 65.0  |       |





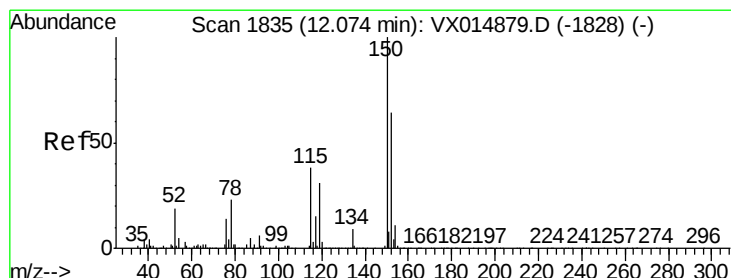
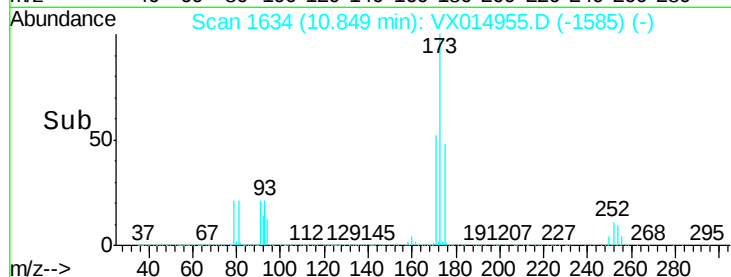
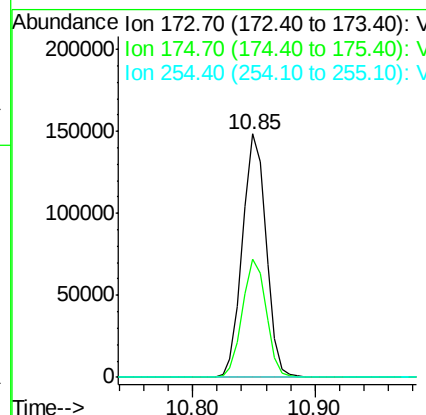
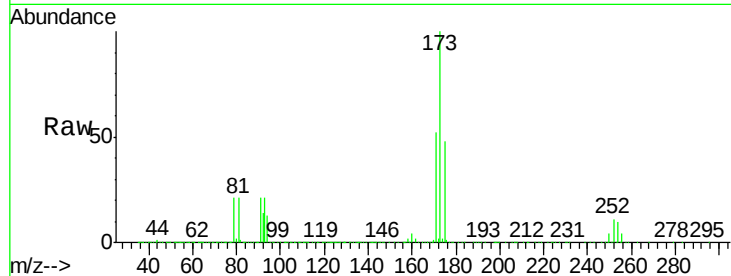
#71  
Bromoform  
Concen: 51.189 ug/l  
RT: 10.85 min Scan# 1634  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.0  | 24.2  | 72.6  |
| 254     | 0.3   | 0.2   | 0.2#  |

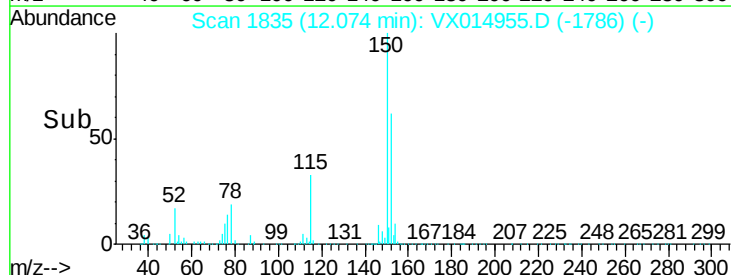
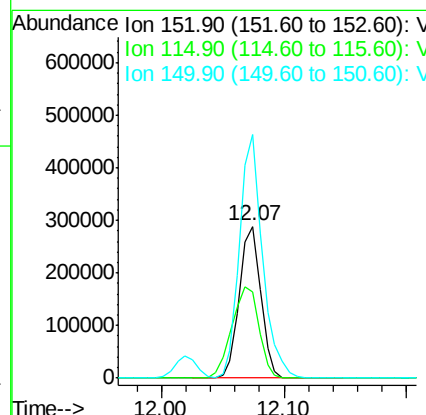
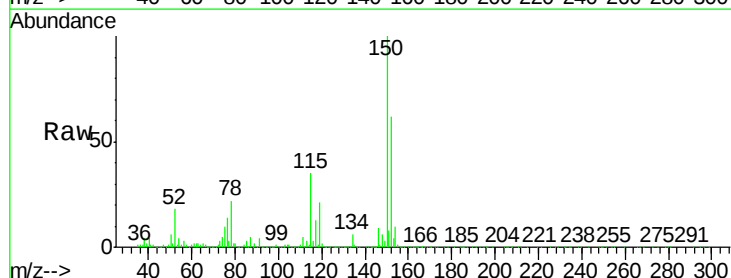
Manual Integrations  
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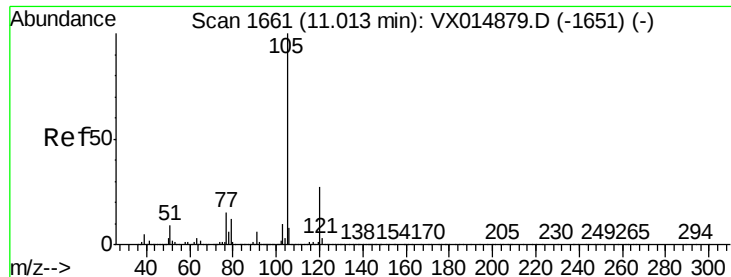
MMDadoda  
2/19/2020 12:14:55 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 76.2  | 38.6  | 116.0 |
| 150     | 171.8 | 0.0   | 349.0 |





#73

Isopropylbenzene

Concen: 49.711 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1084841

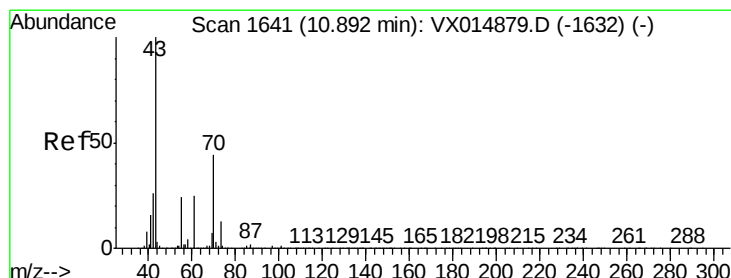
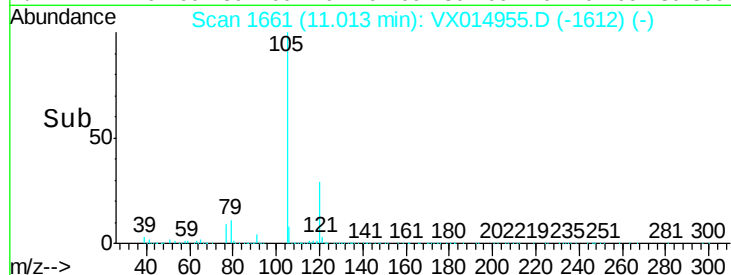
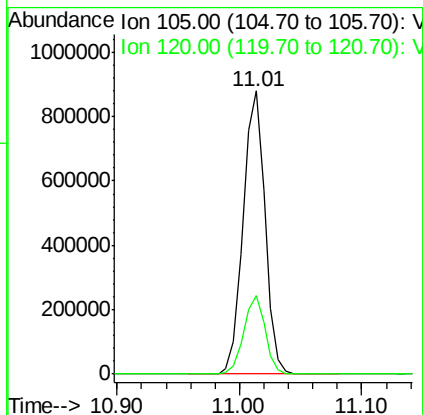
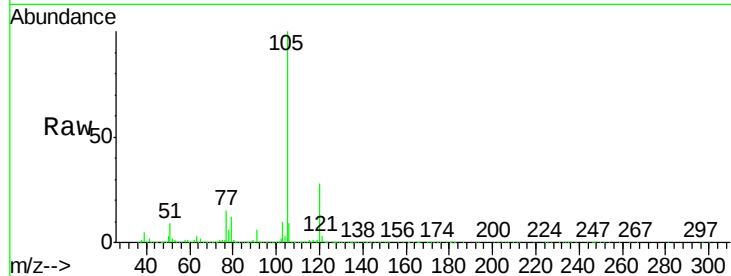
Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8

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2/19/2020 12:14:55 PM



#74

N-ethyl acetate

Concen: 49.628 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Tgt Ion: 43 Resp: 450005

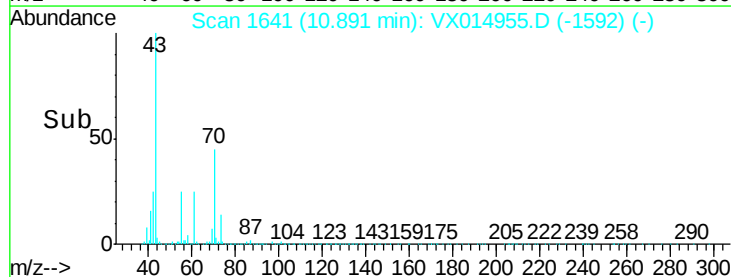
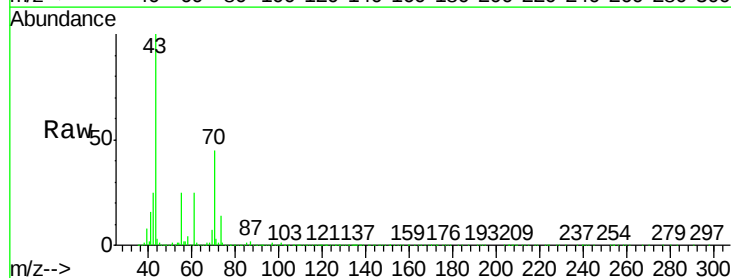
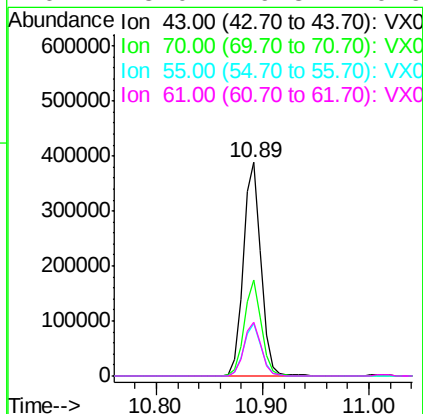
Ion Ratio Lower Upper

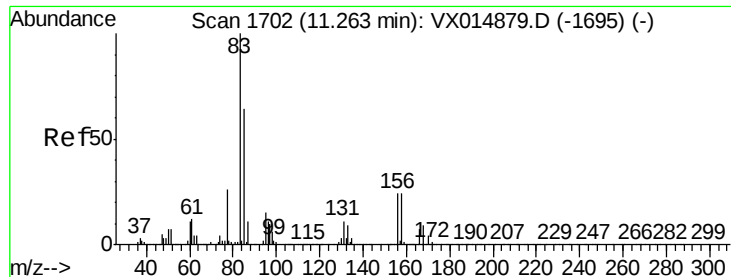
43 100

70 43.6 35.0 52.4

55 24.5 19.4 29.2

61 25.0 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.209 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

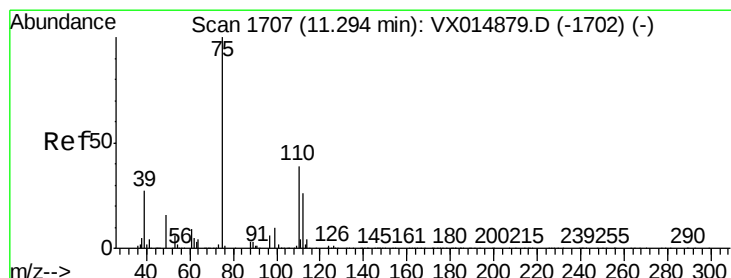
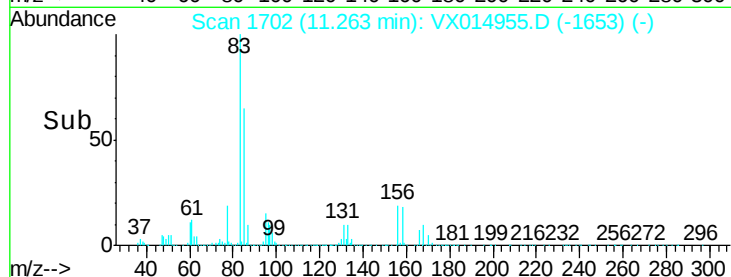
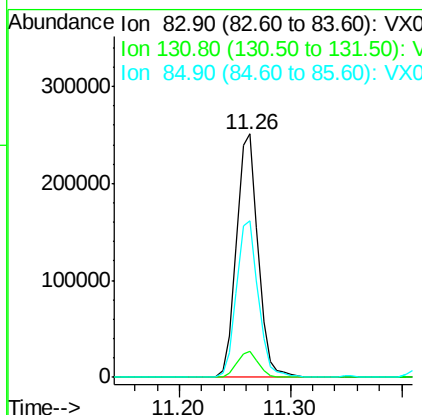
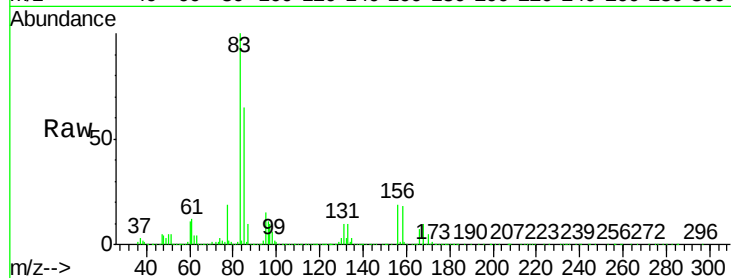
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 336776 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.4  | 5.3   | 16.1   |
| 85        | 65.1  | 32.6  | 97.7   |

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#76

1,2,3-Trichloropropane

Concen: 46.044 ug/l m

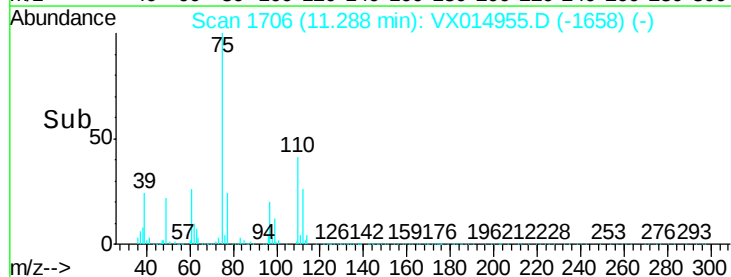
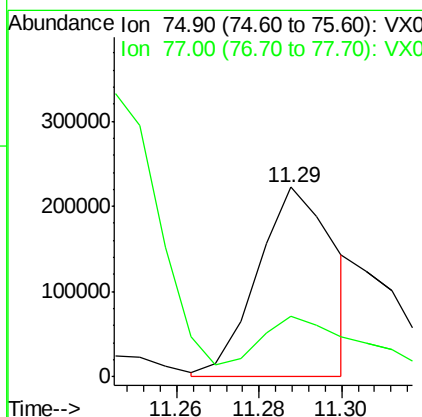
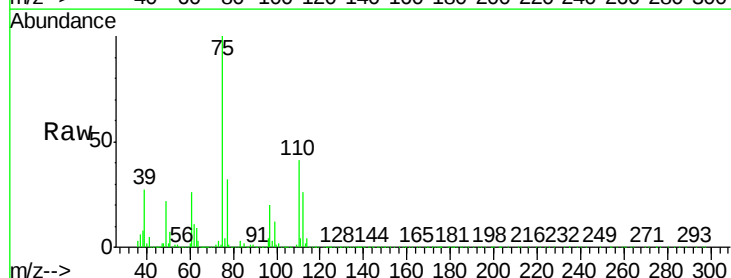
RT: 11.29 min Scan# 1706

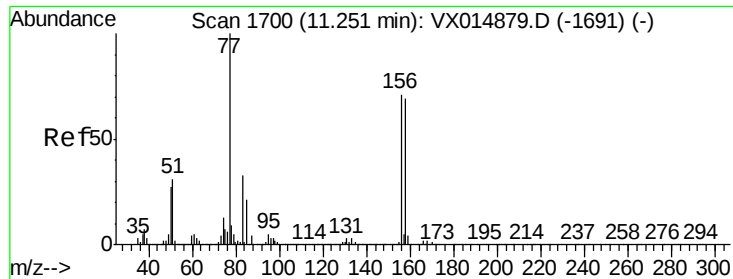
Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 289752 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 43.6  | 18.4  | 55.0   |





#77

Bromobenzene

Concen: 47.198 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

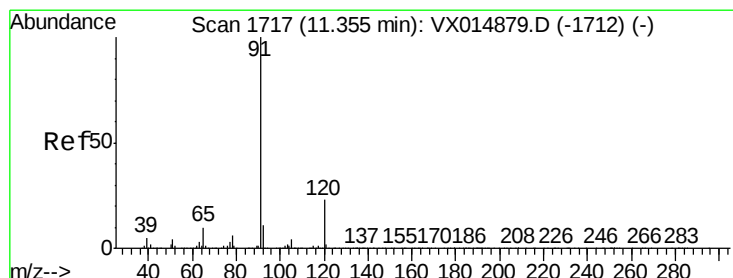
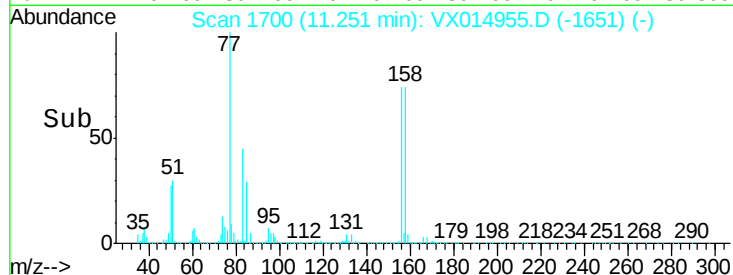
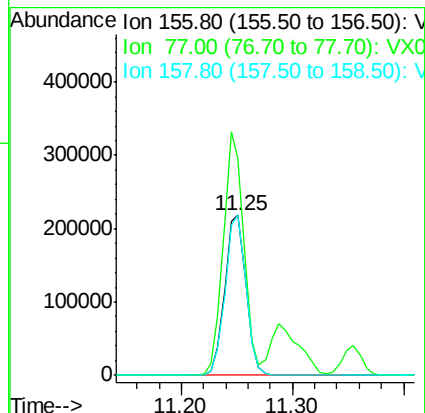
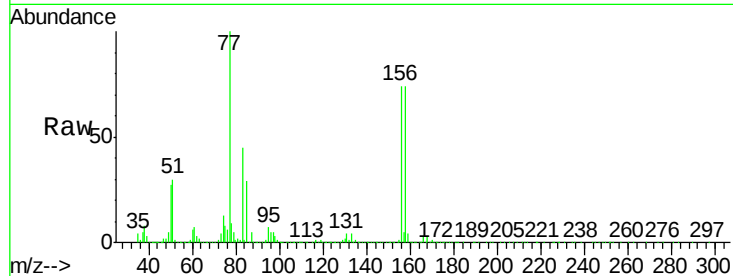
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 287490 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 146.3 | 74.0  | 222.0  |
| 158       | 97.9  | 48.9  | 146.6  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 49.476 ug/l

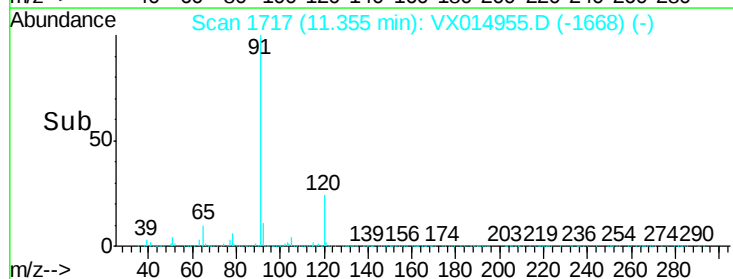
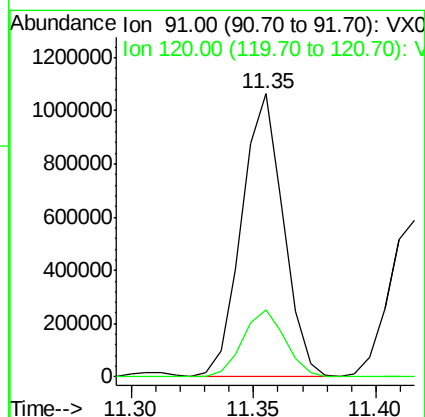
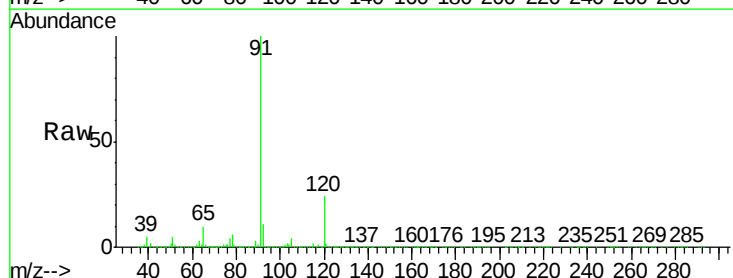
RT: 11.35 min Scan# 1717

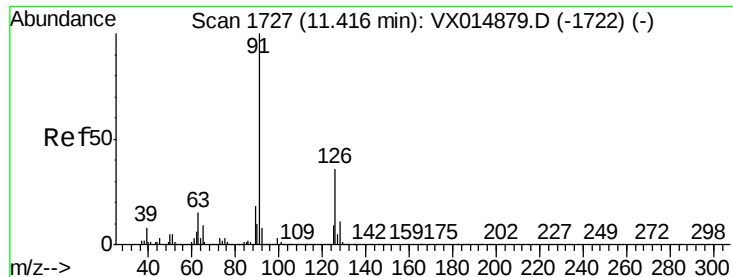
Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1248803 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 24.0  | 11.8  | 35.4    |





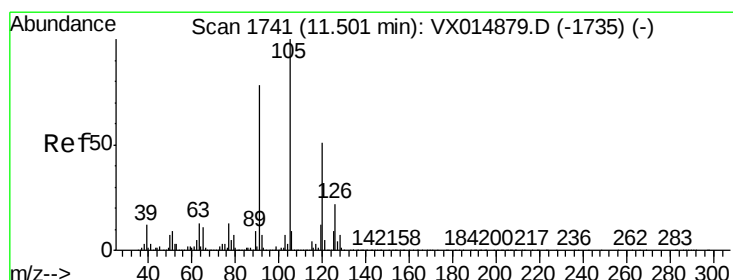
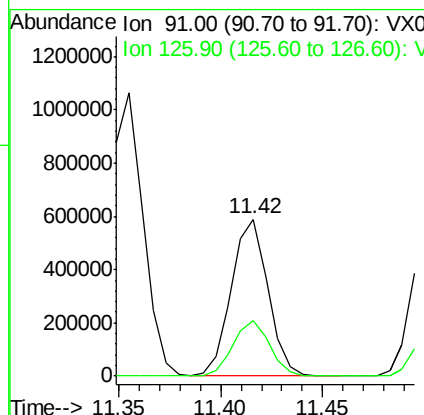
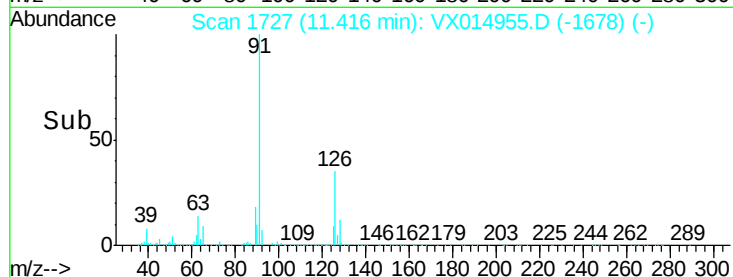
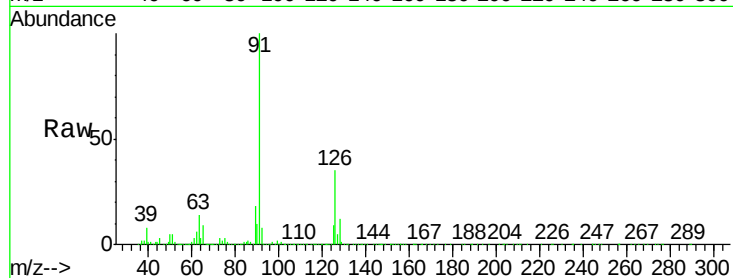
#79  
2-Chlorotoluene  
Concen: 48.975 ug/l  
RT: 11.42 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 726732  
Ion Ratio Lower Upper  
91 100  
126 35.4 18.0 54.0

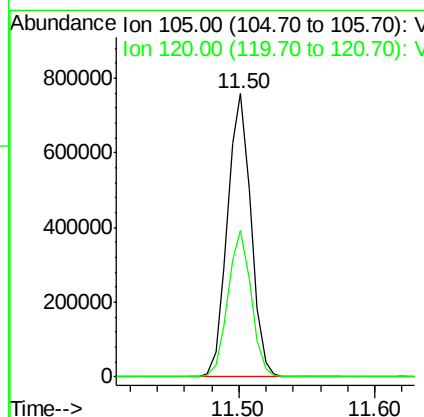
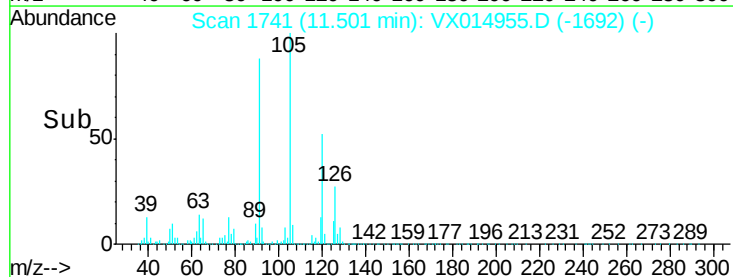
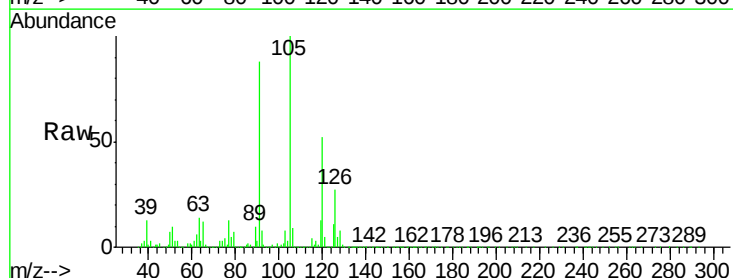
Manual Integrations  
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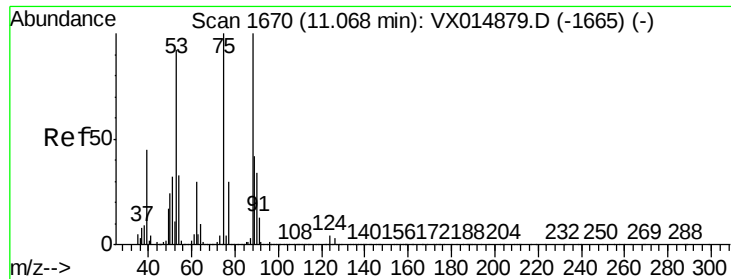
MMDadoda  
2/19/2020 12:14:55 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 49.807 ug/l  
RT: 11.50 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Tgt Ion: 105 Resp: 908202  
Ion Ratio Lower Upper  
105 100  
120 50.9 25.6 76.6





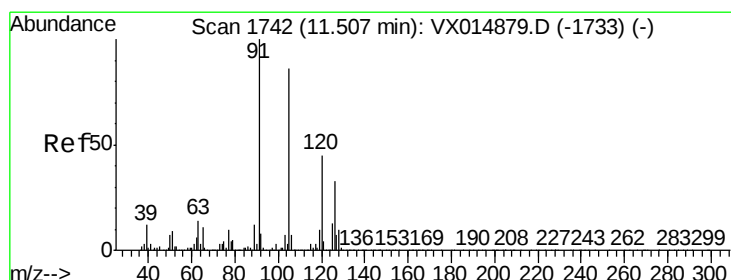
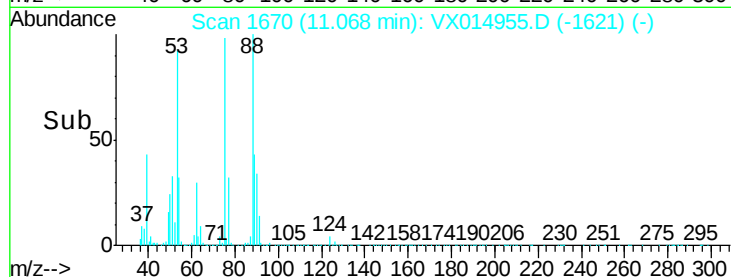
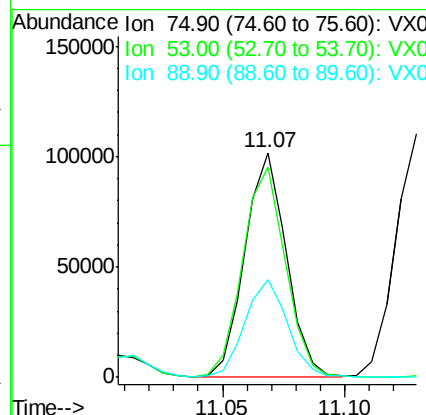
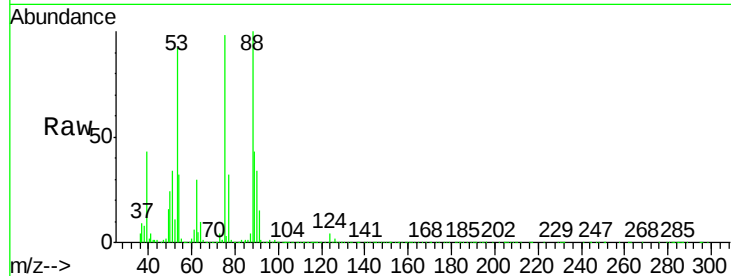
#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.388 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 97.4  | 76.2  | 114.2 |
| 89      | 45.2  | 35.8  | 53.6  |

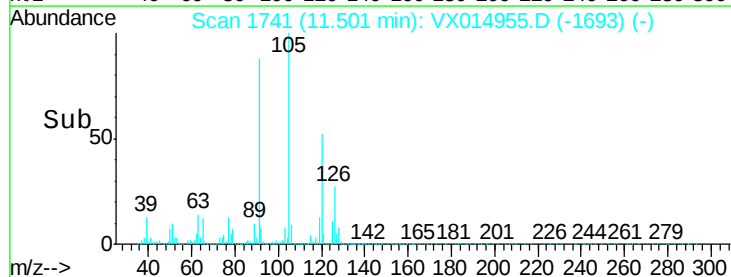
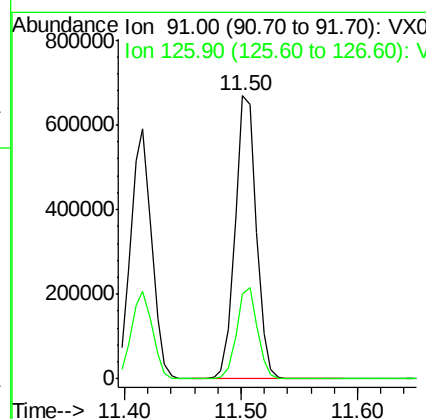
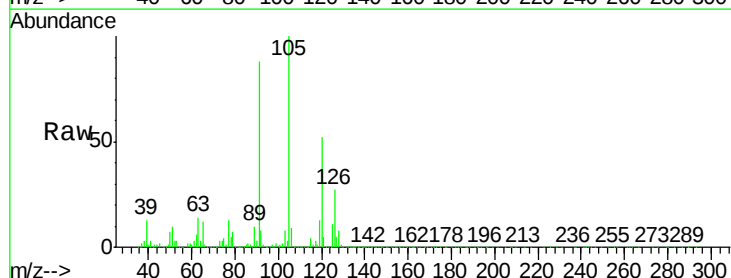
Manual Integrations  
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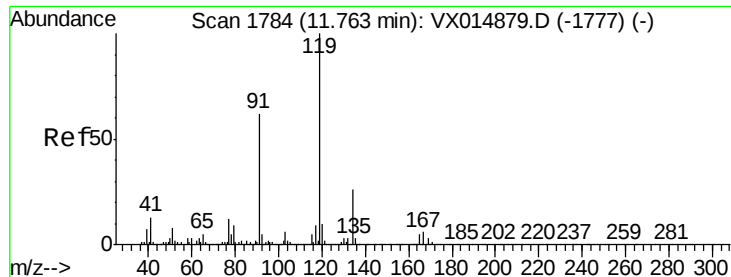
MMDadoda  
2/19/2020 12:14:55 PM



#82  
4-Chlorotoluene  
Concen: 48.358 ug/l  
RT: 11.50 min Scan# 1741  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.5  | 15.7  | 47.0  |





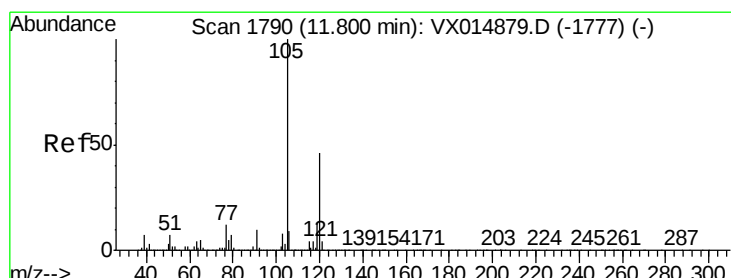
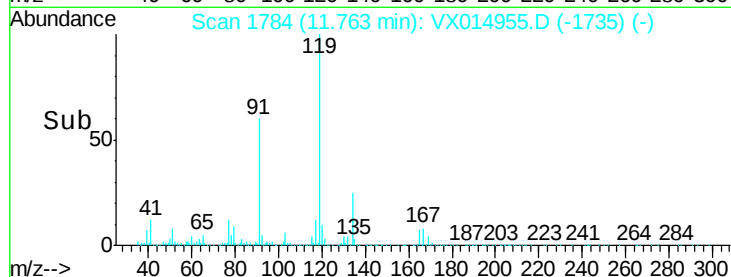
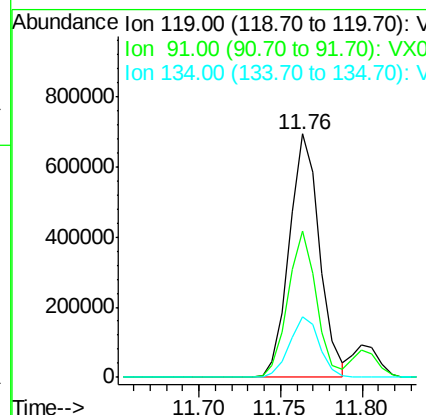
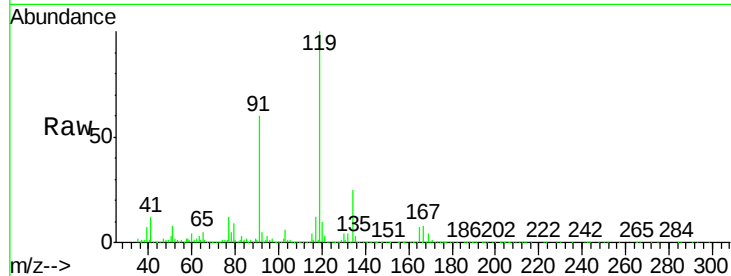
#83  
tert-Butylbenzene  
Concen: 51.472 ug/l  
RT: 11.76 min Scan# 1784  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 56.6  | 29.5  | 88.6  |
| 134     | 24.6  | 12.6  | 37.6  |

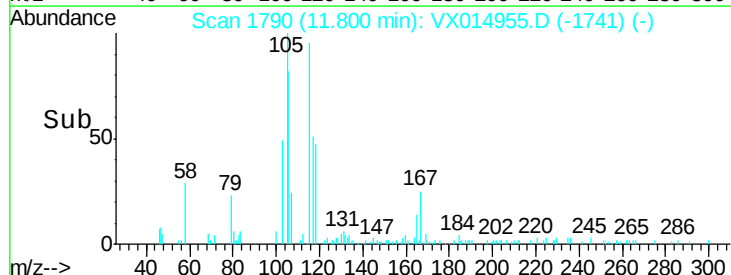
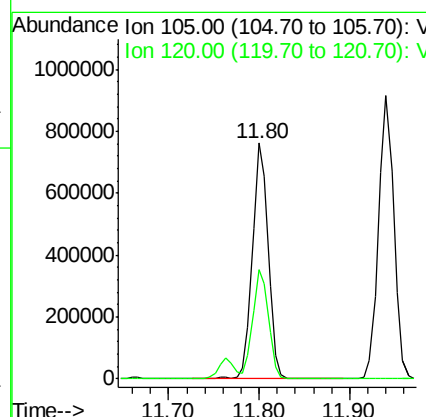
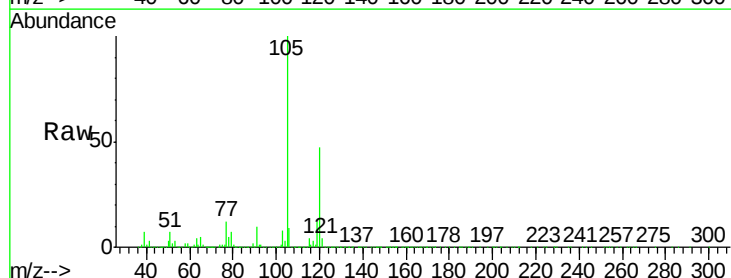
Manual Integrations  
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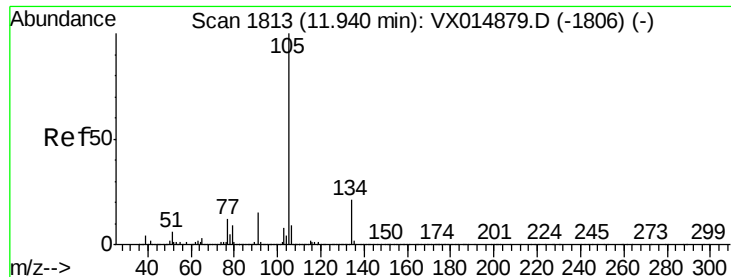
MMDadoda  
2/19/2020 12:14:55 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 50.062 ug/l  
RT: 11.80 min Scan# 1790  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

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





#85

sec-Butylbenzene

Concen: 50.141 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1075565

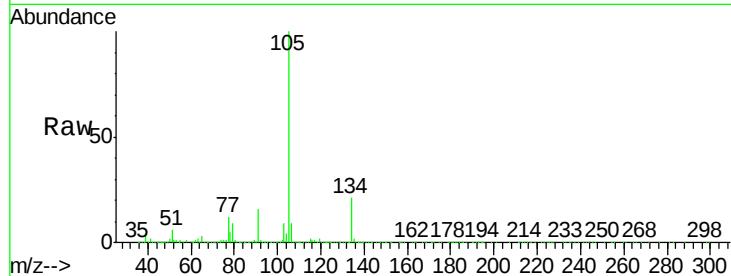
Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8

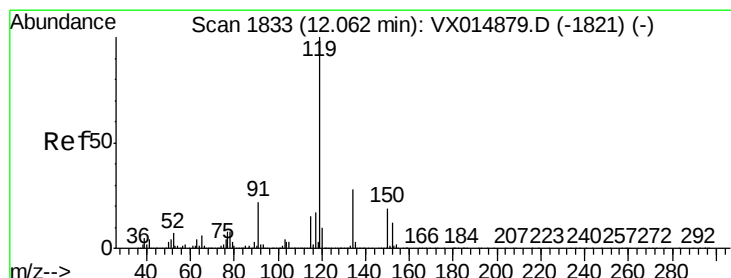
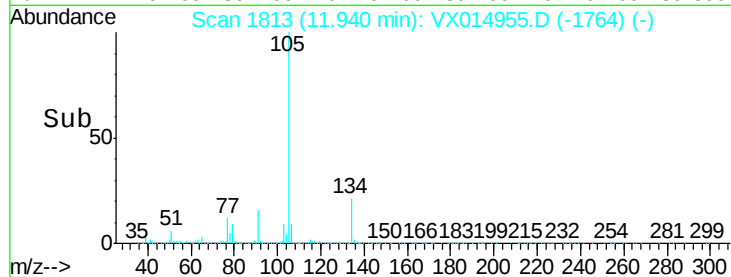
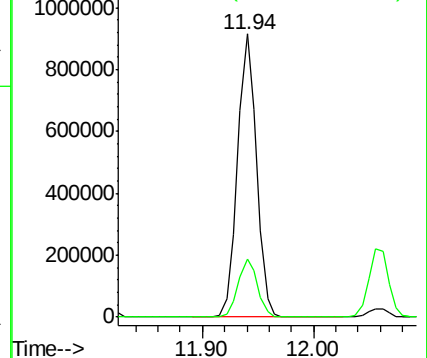
Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.350 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

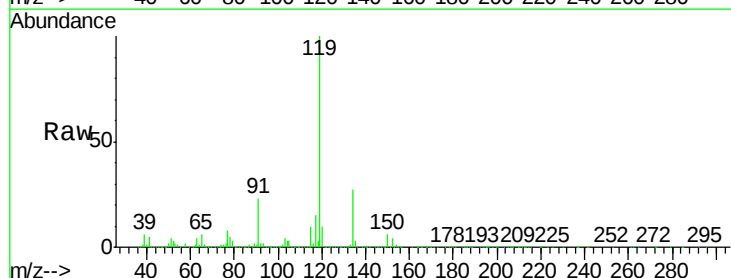
Tgt Ion:119 Resp: 1010690

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

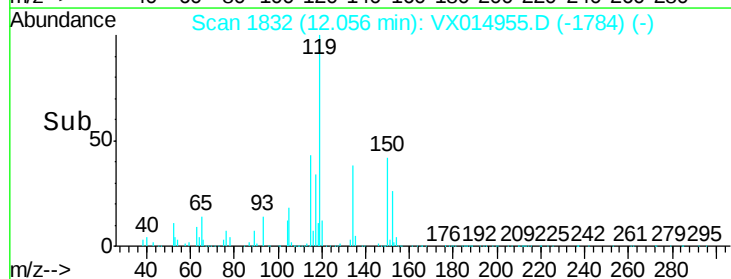
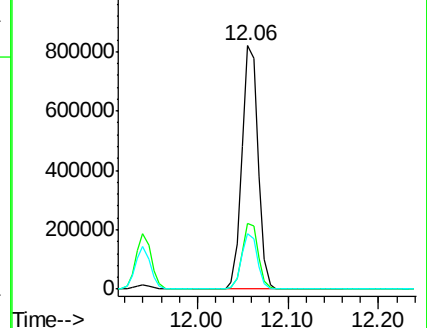
91 22.6 11.4 34.1

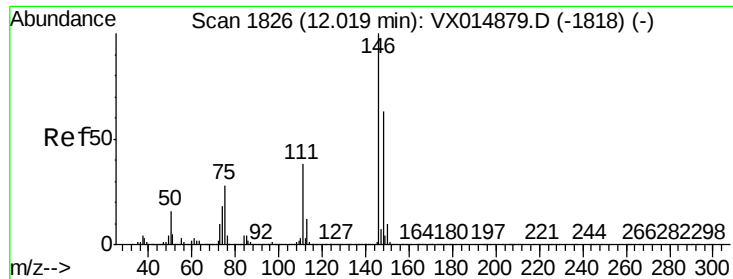


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.577 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

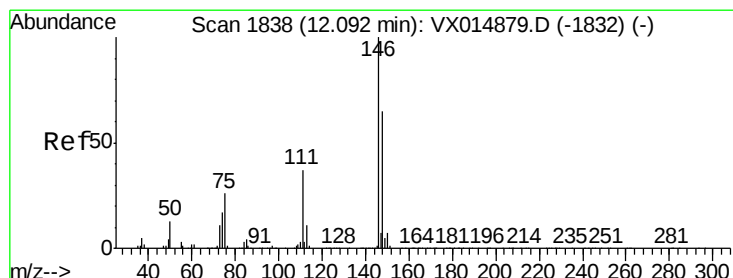
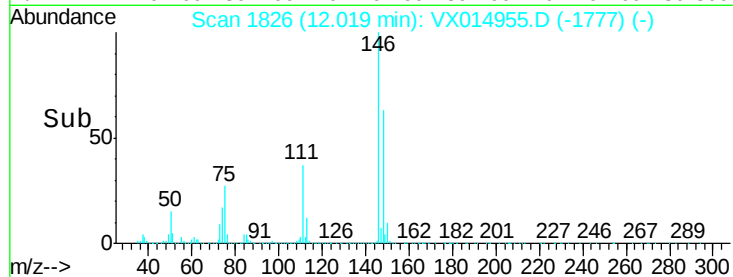
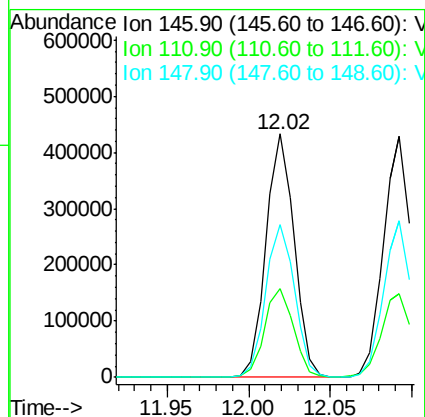
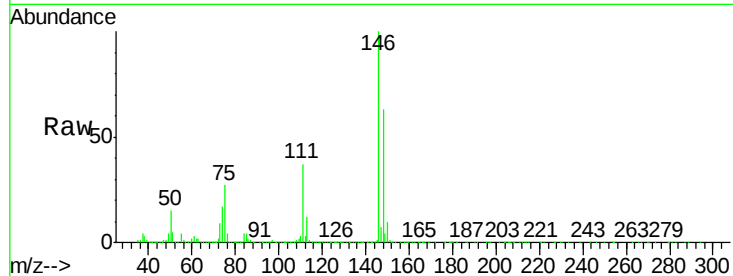
Instrument :  
MSVOA\_X

ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.3  | 18.6  | 56.0  |
| 148     | 64.2  | 31.8  | 95.4  |

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#88

1,4-Dichlorobenzene

Concen: 46.337 ug/l

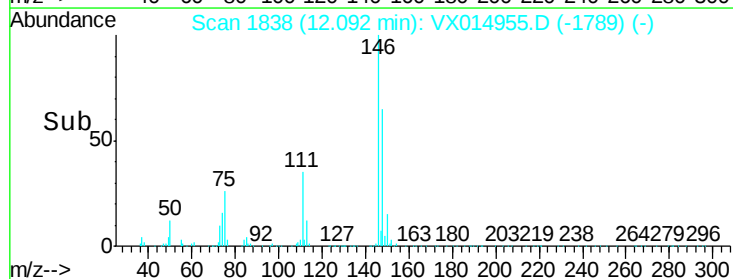
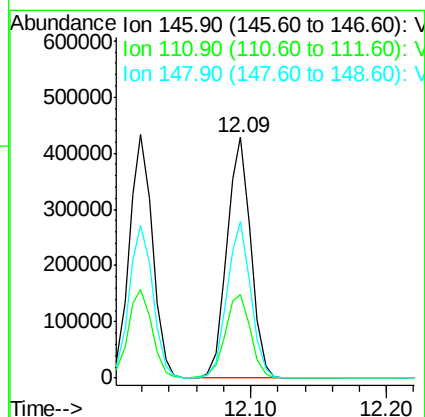
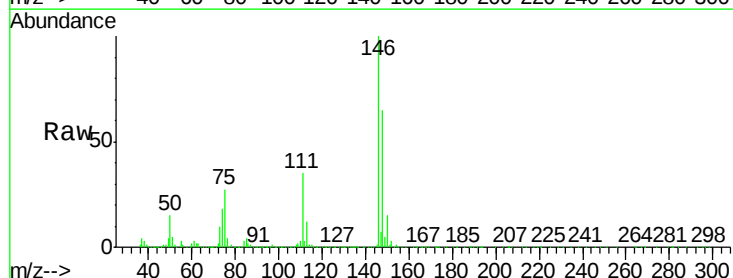
RT: 12.09 min Scan# 1838

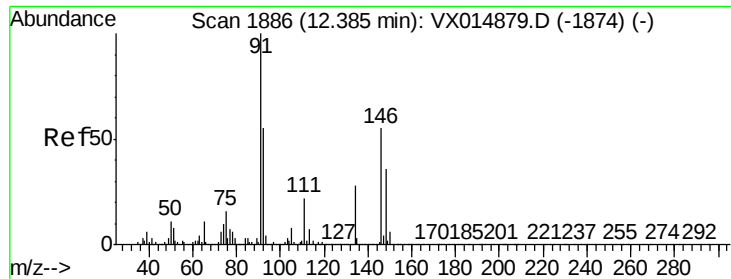
Delta R.T. 0.00 min

Lab File: VX014955.D

Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.0  | 18.6  | 55.6  |
| 148     | 64.6  | 32.4  | 97.0  |





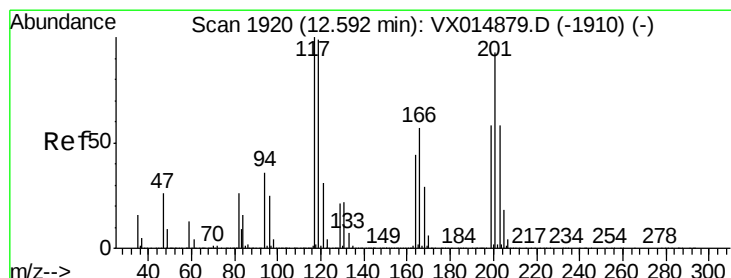
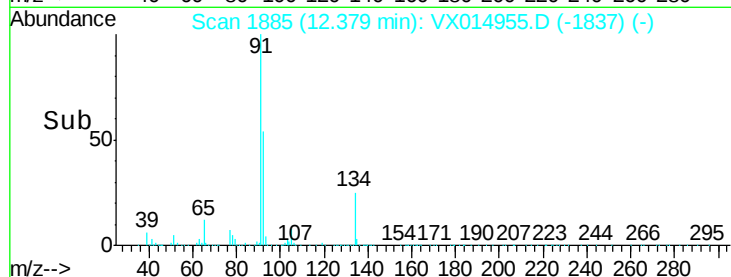
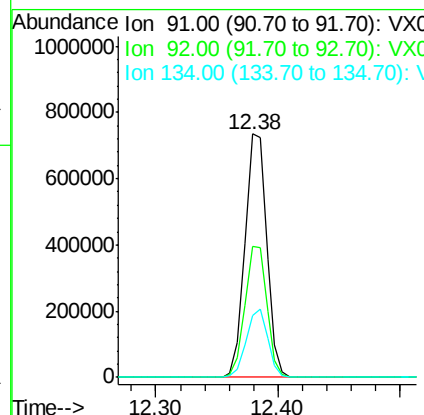
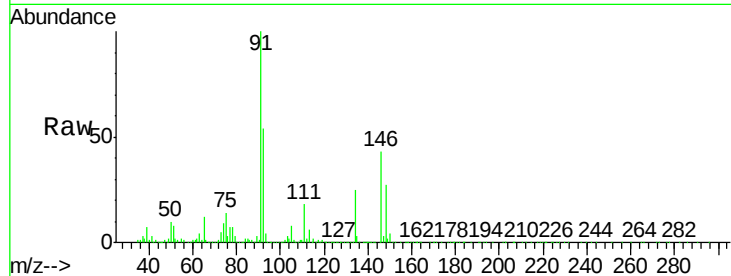
#89  
n-Butylbenzene  
Concen: 50.162 ug/l  
RT: 12.38 min Scan# 1885  
Delta R.T. -0.01 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.0  | 27.3  | 81.8  |
| 134     | 27.5  | 13.8  | 41.4  |

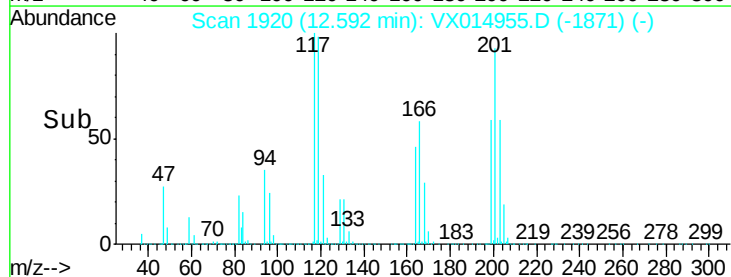
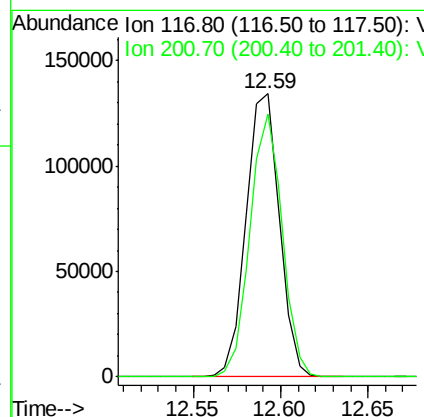
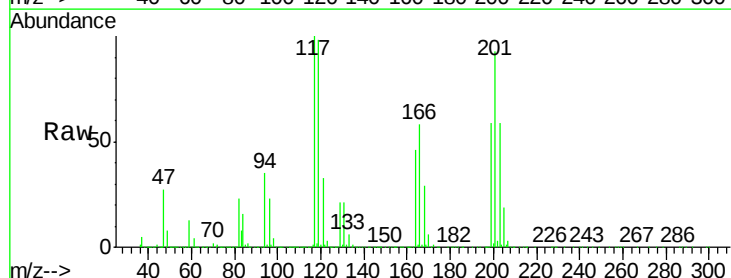
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#90  
Hexachloroethane  
Concen: 50.886 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

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





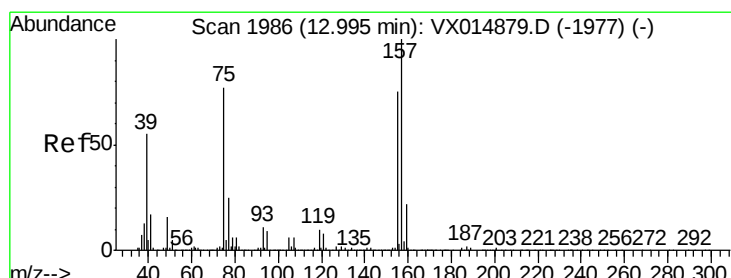
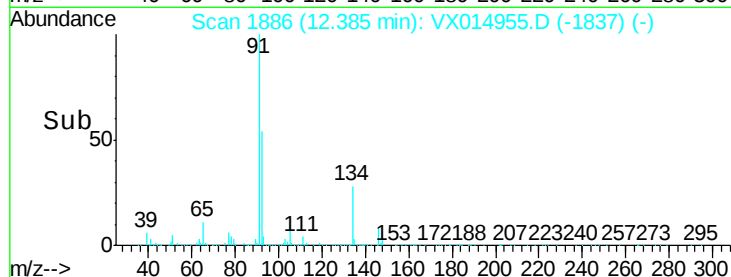
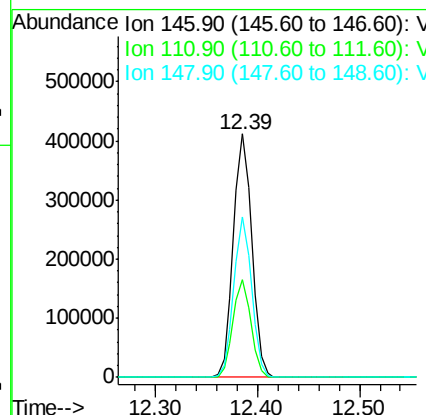
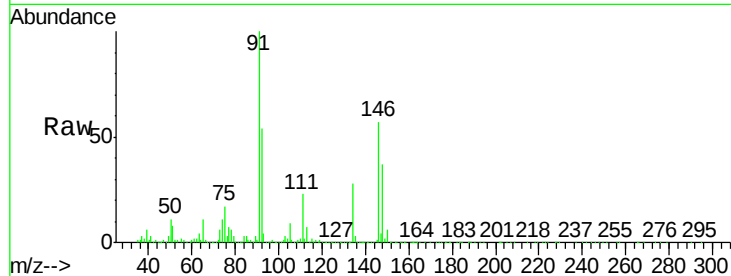
#91  
 1,2-Dichlorobenzene  
 Concen: 47.874 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. -0.00 min  
 Lab File: VX014955.D  
 Acq: 18 Feb 2020 16:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 19.8  | 59.3  |
| 148     | 63.8  | 32.4  | 97.2  |

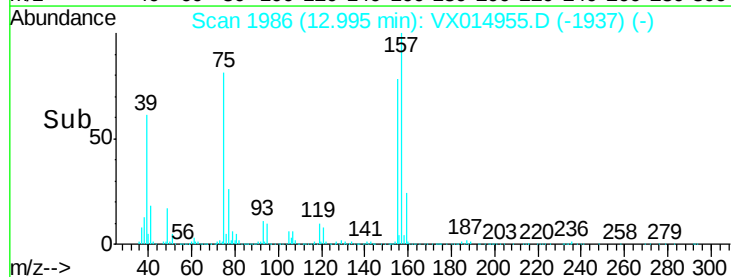
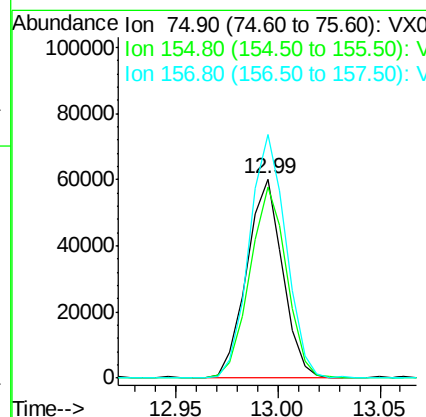
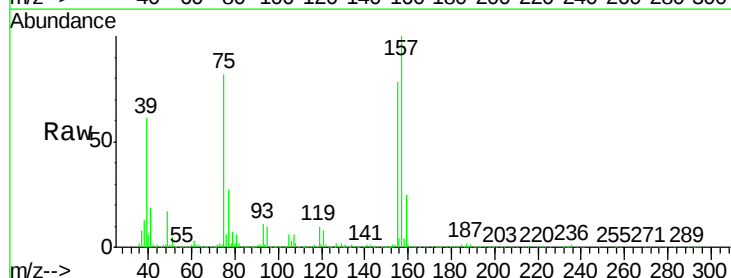
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 43.772 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VX014955.D  
 Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 99.1  | 48.6  | 145.9 |
| 157     | 125.8 | 62.0  | 186.0 |





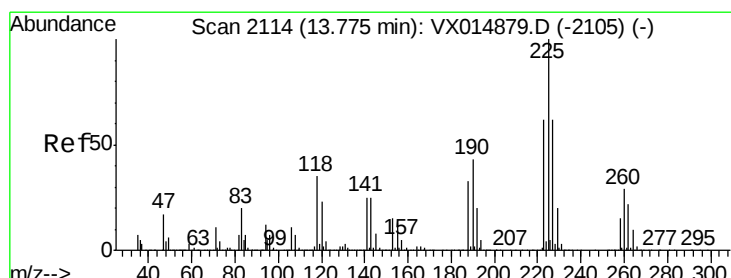
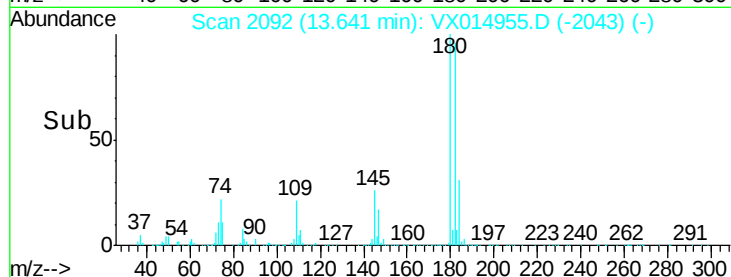
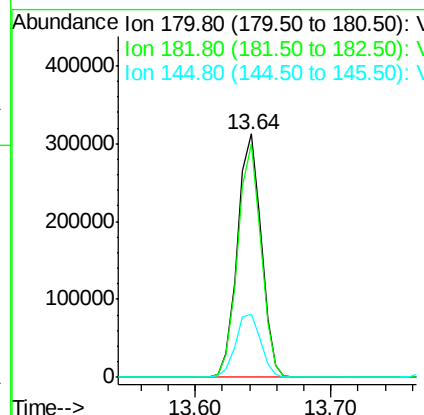
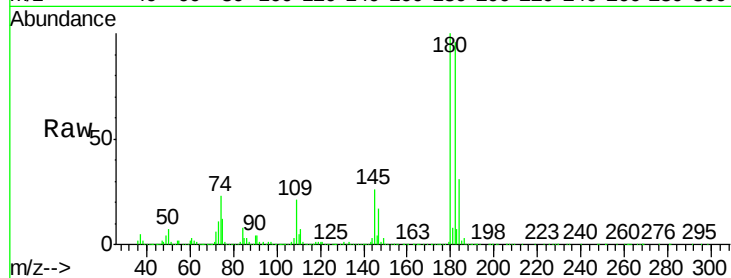
#93  
1,2,4-Trichlorobenzene  
Concen: 48.151 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 380852 |       |       |
| 182     | 94.0  |        | 48.4  | 145.3 |
| 145     | 27.3  |        | 14.1  | 42.4  |

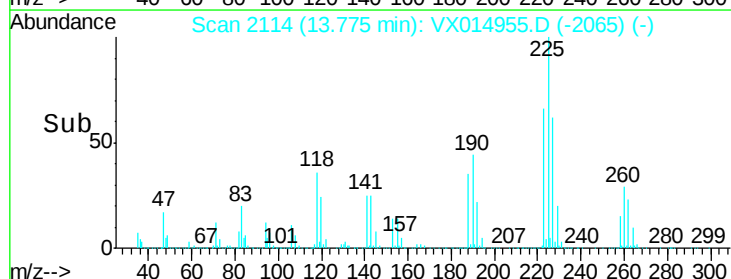
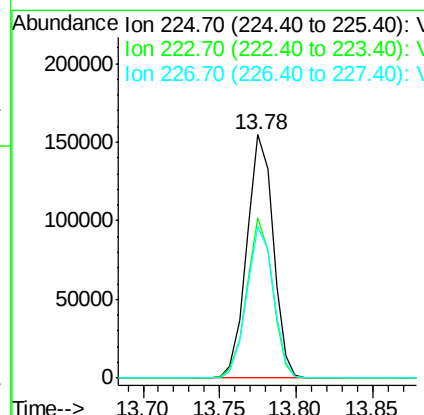
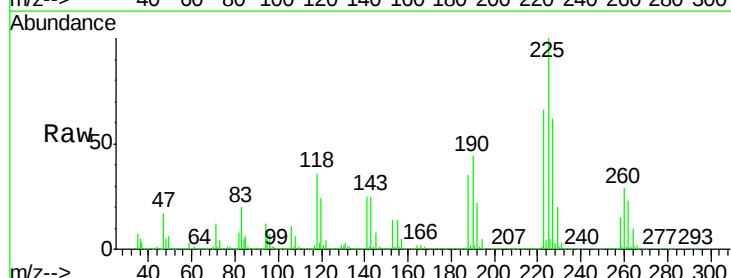
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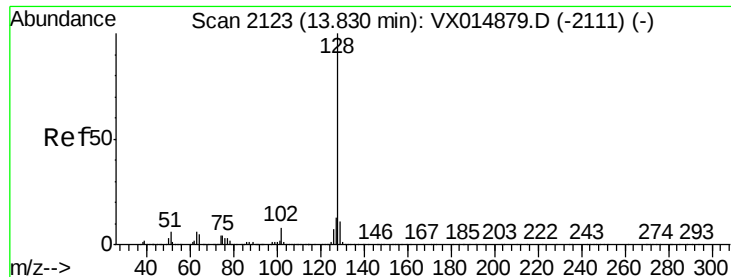
MMDadoda  
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#94  
Hexachlorobutadiene  
Concen: 48.497 ug/l  
RT: 13.78 min Scan# 2114  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 185536 |       |       |
| 223     | 64.4  |        | 31.1  | 93.2  |
| 227     | 62.9  |        | 30.9  | 92.5  |





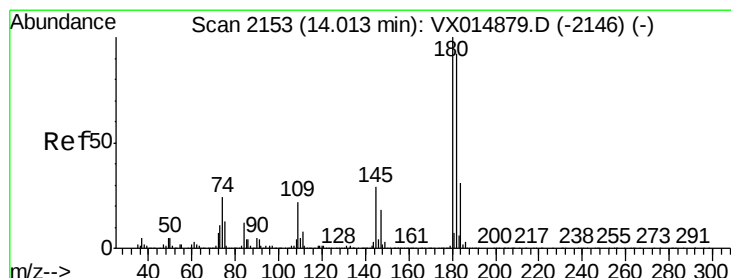
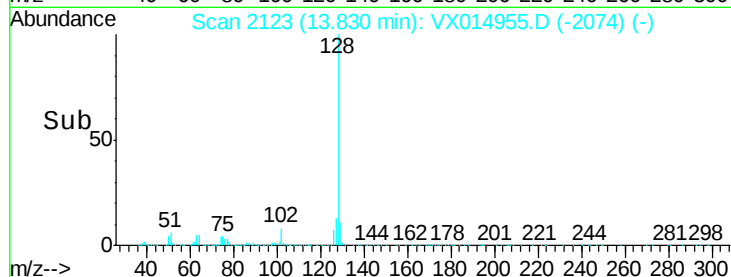
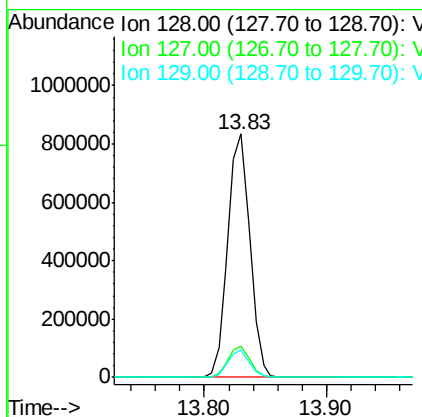
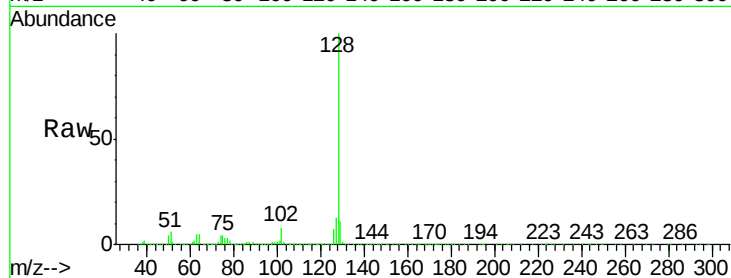
#95  
Naphthalene  
Concen: 49.638 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.4  | 15.6  |
| 129     | 10.7  | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 48.164 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. -0.00 min  
Lab File: VX014955.D  
Acq: 18 Feb 2020 16:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.9  | 47.5  | 142.6 |
| 145     | 29.9  | 14.5  | 43.5  |

