

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\  
 Data File : VX015229.D  
 Acq On : 12 Mar 2020 11:53  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 3/16/2020 11:43:31 AM

Quant Time: Mar 12 14:12:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Mar 12 13:54:34 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.01  | 128  | 52169    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.85  | 114  | 272394   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.11 | 117  | 242864   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 6.06   | 65    | 102164   | 28.16    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 93.87%  |
| 60) 4-Bromofluorobenzene  | 11.13  | 95    | 113511   | 30.01    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 100.03% |
| 63) Toluene-d8            | 8.71   | 98    | 318823   | 30.10    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 100.33% |

## Target Compounds

|                               |      |     |        |        | Ovalue    |
|-------------------------------|------|-----|--------|--------|-----------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 14434  | 6.196  | ug/l 97   |
| 3) Chloromethane              | 1.32 | 50  | 20305  | 6.741  | ug/l 96   |
| 4) Vinyl Chloride             | 1.40 | 62  | 20099  | 6.200  | ug/l 94   |
| 5) Bromomethane               | 1.64 | 94  | 14041  | 6.185  | ug/l 99   |
| 6) Chloroethane               | 1.72 | 64  | 13036  | 6.003  | ug/l 90   |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 25638  | 5.434  | ug/l 96   |
| 8) Diethyl Ether              | 2.18 | 74  | 11617  | 5.853  | ug/l 94   |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 16945  | 6.212  | ug/l 98   |
| 10) 1,1-Dichloroethene        | 2.37 | 96  | 16265  | 5.931  | ug/l 96   |
| 11) Methyl Iodide             | 2.51 | 142 | 11166  | 3.351  | ug/l 95   |
| 12) Methyl Acetate            | 2.77 | 43  | 18763  | 5.498  | ug/l 94   |
| 13) Acrolein                  | 2.29 | 56  | 18061  | 26.611 | ug/l 99   |
| 14) Acrylonitrile             | 3.14 | 53  | 44499  | 28.873 | ug/l 97   |
| 15) Acetone                   | 2.44 | 58  | 14107  | 25.577 | ug/l 99   |
| 16) Carbon Disulfide          | 2.56 | 76  | 44435  | 6.026  | ug/l 98   |
| 17) Allyl chloride            | 2.72 | 41  | 28268  | 5.926  | ug/l 98   |
| 18) Methylene Chloride        | 2.85 | 84  | 18580  | 5.880  | ug/l 96   |
| 19) trans-1,2-Dichloroethene  | 3.16 | 96  | 17221  | 5.717  | ug/l 91   |
| 20) Diisopropyl ether         | 3.84 | 45  | 58479  | 6.002  | ug/l # 84 |
| 21) 1,1-Dichloroethane        | 3.69 | 63  | 31531  | 5.904  | ug/l 96   |
| 22) cis-1,2-Dichloroethene    | 4.59 | 96  | 20217  | 5.865  | ug/l 97   |
| 23) tert-Butyl Alcohol        | 3.03 | 59  | 18288  | 29.935 | ug/l # 99 |
| 24) Methyl tert-Butyl Ether   | 3.19 | 73  | 50470  | 5.531  | ug/l 99   |
| 25) Chloroform                | 5.21 | 83  | 29888  | 5.549  | ug/l 98   |
| 26) Cyclohexane               | 5.58 | 56  | 29234  | 6.125  | ug/l # 97 |
| 29) 1,1-Dichloropropene       | 5.79 | 75  | 24163  | 6.271  | ug/l 97   |
| 30) 2-Butanone                | 4.67 | 43  | 61383  | 27.602 | ug/l 99   |
| 31) 2,2-Dichloropropane       | 4.58 | 77  | 24082  | 5.692  | ug/l 96   |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 26002  | 5.943  | ug/l 97   |
| 33) Carbon Tetrachloride      | 5.78 | 117 | 21192  | 5.533  | ug/l 93   |
| 34) Benzene                   | 6.14 | 78  | 71409  | 6.142  | ug/l 98   |
| 35) Methacrylonitrile         | 5.04 | 41  | 12932  | 5.701  | ug/l 96   |
| 36) 1,2-Dichloroethane        | 6.19 | 62  | 25061m | 6.090  | ug/l      |
| 37) Trichloroethene           | 7.20 | 130 | 19347  | 5.927  | ug/l 95   |
| 38) Methylcyclohexane         | 7.46 | 83  | 26744  | 5.600  | ug/l 98   |
| 39) 1,2-Dichloropropane       | 7.51 | 63  | 17420  | 5.821  | ug/l 99   |
| 40) Dibromomethane            | 7.66 | 93  | 11314  | 5.662  | ug/l 99   |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\  
 Data File : VX015229.D  
 Acq On : 12 Mar 2020 11:53  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 3/16/2020 11:43:31 AM

Quant Time: Mar 12 14:12:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Mar 12 13:54:34 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 41) Bromodichloromethane       | 7.89  | 83   | 21541    | 5.457   | ug/l   | 93       |
| 42) Vinyl Acetate              | 3.81  | 43   | 240885   | 30.774  | ug/l   | 100      |
| 43) Ethyl Acetate              | 4.83  | 43   | 22458    | 5.581   | ug/l # | 86       |
| 44) Isopropyl Acetate          | 6.44  | 43   | 38260    | 5.656   | ug/l   | 97       |
| 45) 1,4-Dioxane                | 7.75  | 88   | 6873     | 109.961 | ug/l   | 96       |
| 46) Methyl methacrylate        | 7.77  | 41   | 17063    | 5.099   | ug/l   | 99       |
| 47) n-amyl Acetate             | 10.89 | 43   | 31717    | 5.412   | ug/l   | 95       |
| 48) t-1,3-Dichloropropene      | 9.04  | 75   | 21542    | 4.919   | ug/l   | 93       |
| 49) cis-1,3-Dichloropropene    | 8.43  | 75   | 25325    | 5.253   | ug/l   | 95       |
| 50) 1,1,2-Trichloroethane      | 9.21  | 97   | 16970    | 5.700   | ug/l   | 96       |
| 51) Ethyl methacrylate         | 9.17  | 69   | 23398    | 5.092   | ug/l   | 96       |
| 52) 1,3-Dichloropropane        | 9.37  | 76   | 28163    | 5.592   | ug/l   | 100      |
| 53) Dibromochloromethane       | 9.57  | 129  | 16424    | 5.103   | ug/l   | 98       |
| 54) 1,2-Dibromoethane          | 9.67  | 107  | 16383    | 5.183   | ug/l   | 95       |
| 55) 2-Chloroethyl vinyl ether  | 8.31  | 63   | 57385    | 23.445  | ug/l   | 99       |
| 56) Bromoform                  | 10.85 | 173  | 12417    | 4.921   | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone       | 8.64  | 43   | 108789   | 27.332  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 81655    | 26.256  | ug/l   | 100      |
| 61) Tetrachloroethene          | 9.33  | 164  | 19550    | 5.993   | ug/l   | 89       |
| 62) Toluene                    | 8.78  | 91   | 72227    | 5.806   | ug/l   | 99       |
| 64) Chlorobenzene              | 10.14 | 112  | 44953    | 5.662   | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 16321    | 5.549   | ug/l   | 97       |
| 66) Ethyl Benzene              | 10.25 | 91   | 75522    | 5.511   | ug/l   | 98       |
| 67) m/p-Xylenes                | 10.36 | 106  | 58365    | 11.045  | ug/l   | 98       |
| 68) o-Xylene                   | 10.70 | 106  | 28244    | 5.524   | ug/l   | 94       |
| 69) Styrene                    | 10.71 | 104  | 46472    | 5.322   | ug/l   | 99       |
| 70) Isopropylbenzene           | 11.01 | 105  | 73899    | 5.441   | ug/l   | 98       |
| 71) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 24598    | 5.625   | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane     | 11.29 | 75   | 20143m   | 5.553   | ug/l   |          |
| 73) Bromobenzene               | 11.25 | 156  | 20262    | 5.522   | ug/l   | 99       |
| 74) n-propylbenzene            | 11.35 | 91   | 84841    | 5.489   | ug/l   | 100      |
| 75) 2-Chlorotoluene            | 11.42 | 91   | 50798    | 5.561   | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 63134    | 5.547   | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene    | 11.07 | 75   | 7545     | 5.159   | ug/l   | 90       |
| 78) 4-Chlorotoluene            | 11.51 | 91   | 57532    | 5.445   | ug/l   | 98       |
| 79) tert-butylbenzene          | 11.76 | 119  | 58361    | 5.307   | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 60760    | 5.370   | ug/l   | 99       |
| 81) sec-Butylbenzene           | 11.94 | 105  | 72840    | 5.531   | ug/l   | 99       |
| 82) p-Isopropyltoluene         | 12.06 | 119  | 66868    | 5.466   | ug/l   | 100      |
| 83) 1,3-Dichlorobenzene        | 12.02 | 146  | 35897    | 5.580   | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene        | 12.09 | 146  | 36801    | 5.681   | ug/l   | 97       |
| 85) n-Butylbenzene             | 12.39 | 91   | 55870    | 5.248   | ug/l   | 99       |
| 86) Hexachloroethane           | 12.59 | 117  | 11506    | 5.203   | ug/l   | 92       |
| 87) 1,2-Dichlorobenzene        | 12.39 | 146  | 36521    | 5.705   | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 4816     | 5.057   | ug/l   | 95       |
| 89) 1,2,4-Trichlorobenzene     | 13.64 | 180  | 24463    | 5.314   | ug/l   | 99       |
| 90) Hexachlorobutadiene        | 13.78 | 225  | 13785    | 6.030   | ug/l   | 99       |
| 91) Naphthalene                | 13.83 | 128  | 62400    | 4.788   | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene     | 14.01 | 180  | 25927    | 5.673   | ug/l   | 97       |
| -----                          |       |      |          |         |        |          |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\  
Data File : VX015229.D  
Acq On : 12 Mar 2020 11:53  
Operator : JC/SP  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

MMDadoda  
3/16/2020 11:43:31 AM

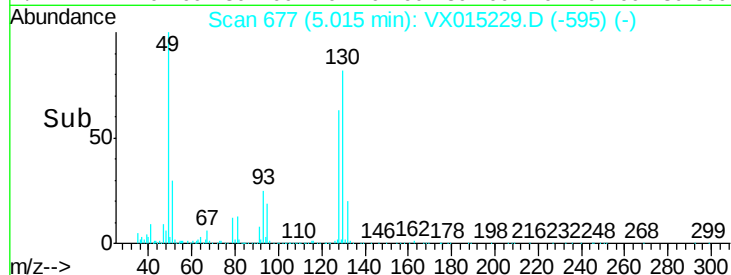
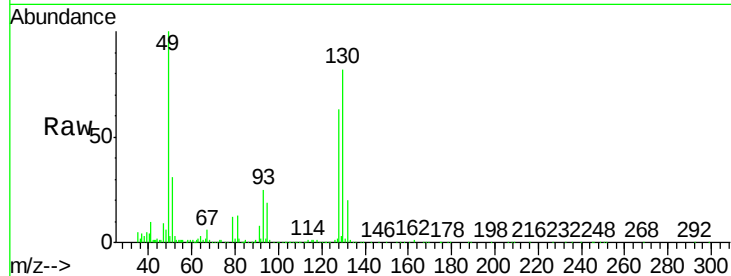
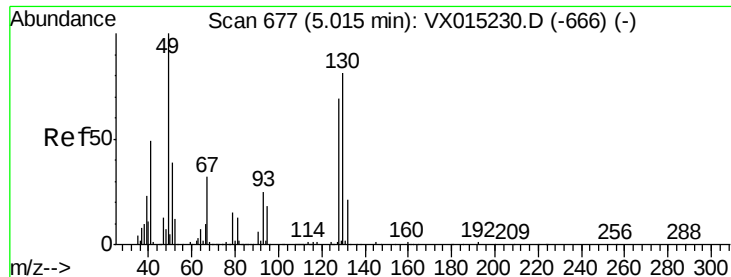
Quant Time: Mar 12 14:12:30 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Thu Mar 12 13:54:34 2020  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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





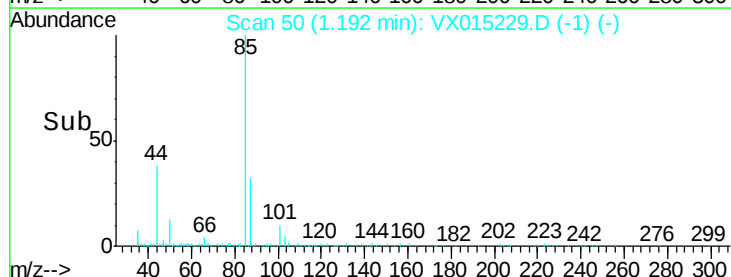
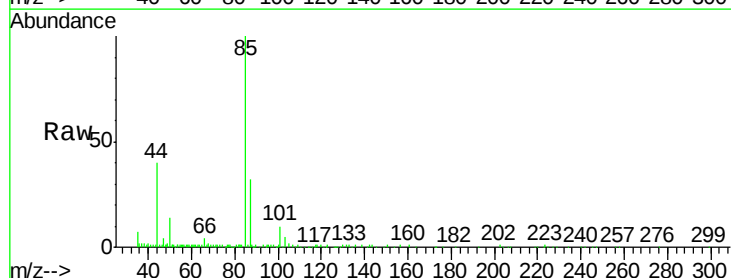
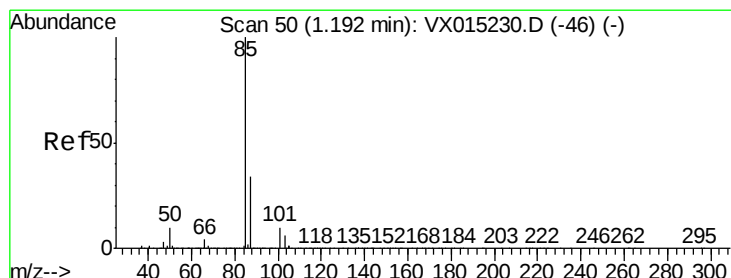
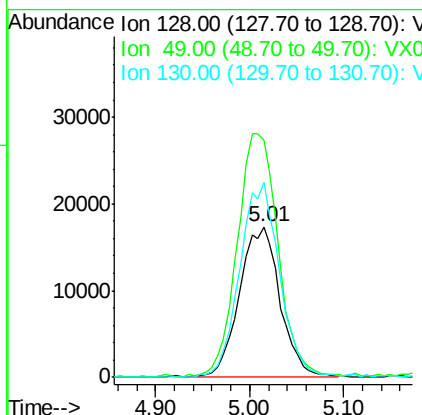
#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 5.01 min Scan# 677  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 49      | 159.8 | 0.0   | 406.8 |
| 130     | 126.3 | 0.0   | 319.3 |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

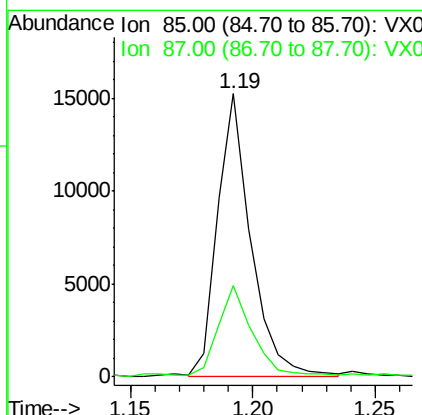
Manual Integrations  
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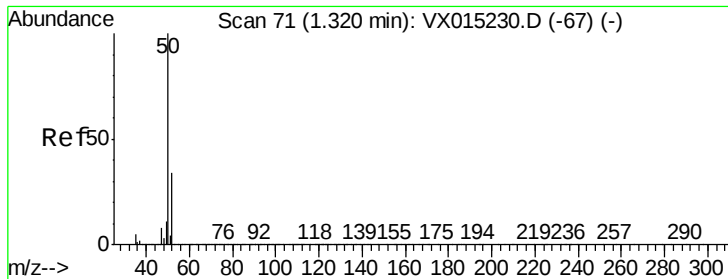
MMDadoda  
3/16/2020 11:43:31 AM



#2  
Dichlorodifluoromethane  
Concen: 6.196 ug/l  
RT: 1.19 min Scan# 50  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.0  | 16.7  | 50.1  |





#3

Chloromethane

Concen: 6.741 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 20305

Ion Ratio Lower Upper

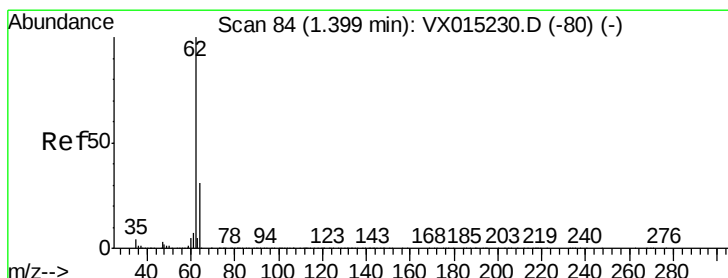
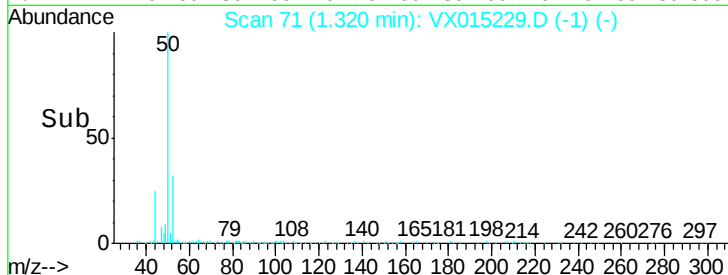
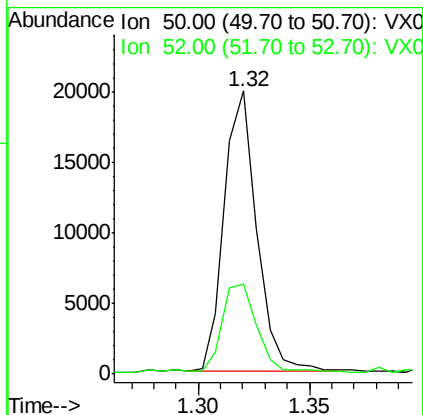
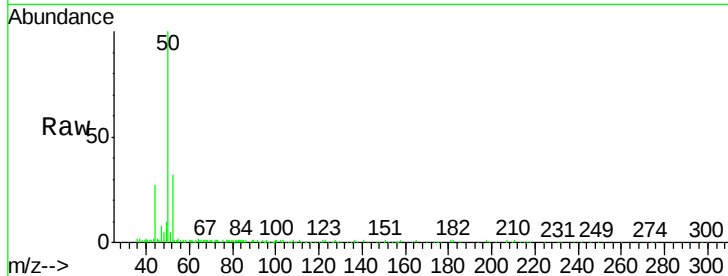
50 100

52 31.4 26.9 40.3

Manual Integrations  
APPROVED

MMDadoda

3/16/2020 11:43:31 AM



#4

Vinyl Chloride

Concen: 6.200 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015229.D

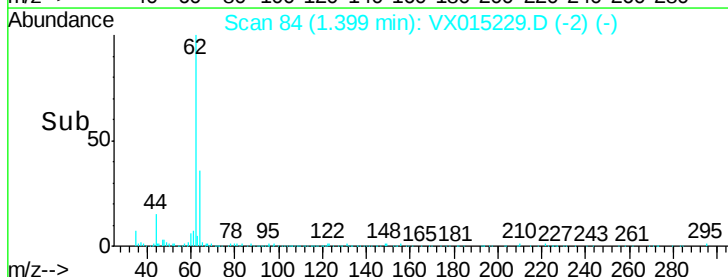
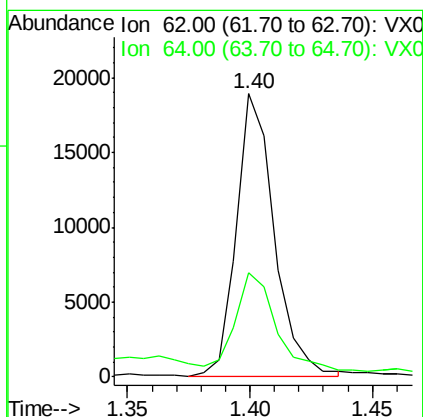
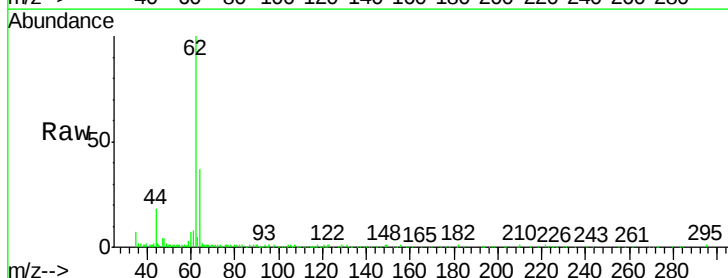
Acq: 12 Mar 2020 11:53

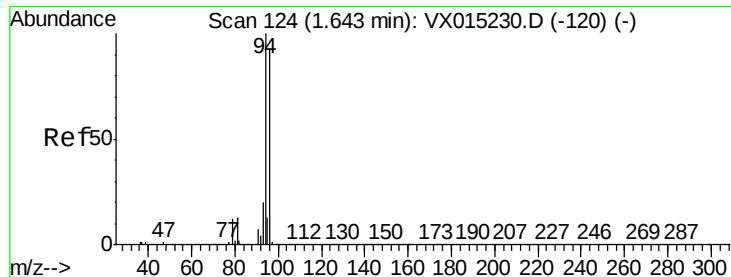
Tgt Ion: 62 Resp: 20099

Ion Ratio Lower Upper

62 100

64 34.2 24.9 37.3





#5

Bromomethane

Concen: 6.185 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 14041

Ion Ratio Lower Upper

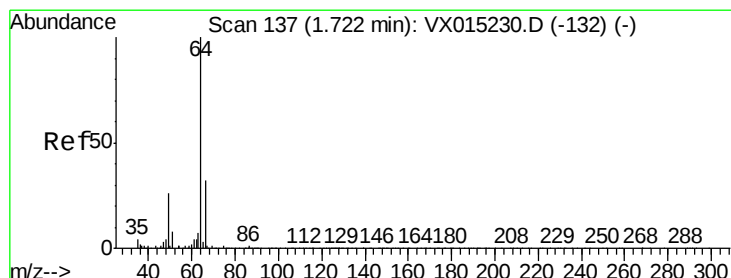
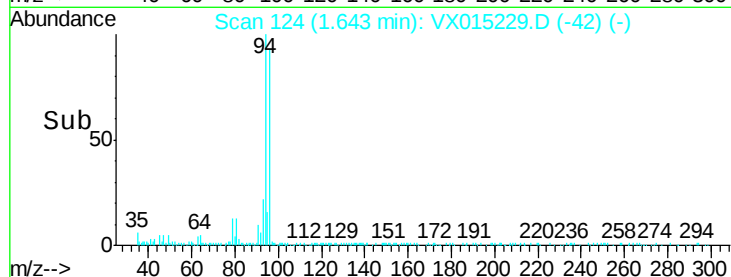
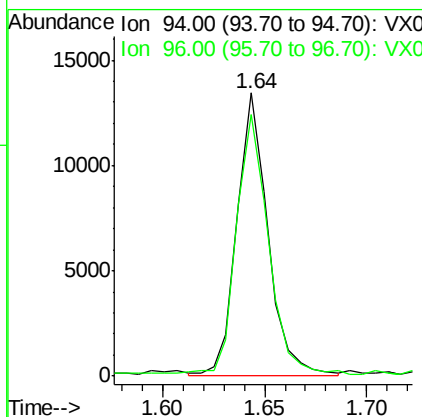
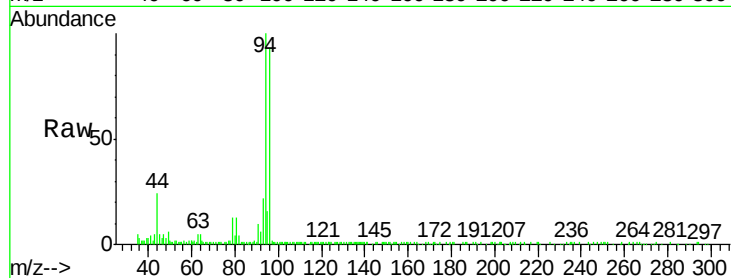
94 100

96 92.0 73.0 109.4

Manual Integrations  
APPROVED

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3/16/2020 11:43:31 AM



#6

Chloroethane

Concen: 6.003 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015229.D

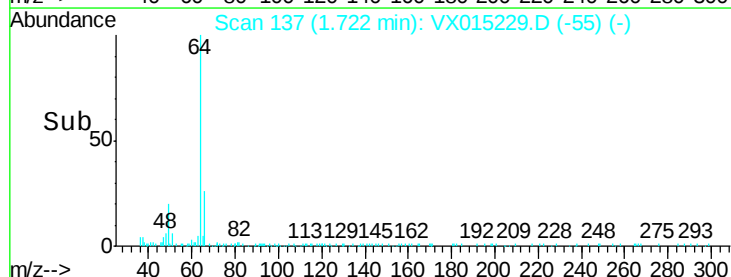
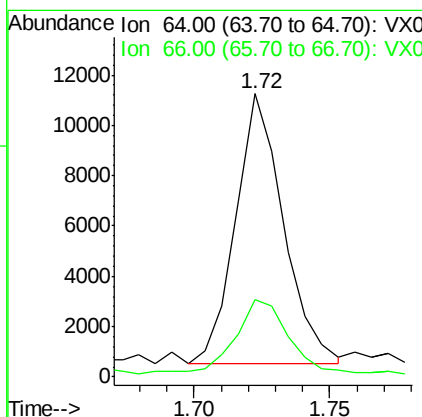
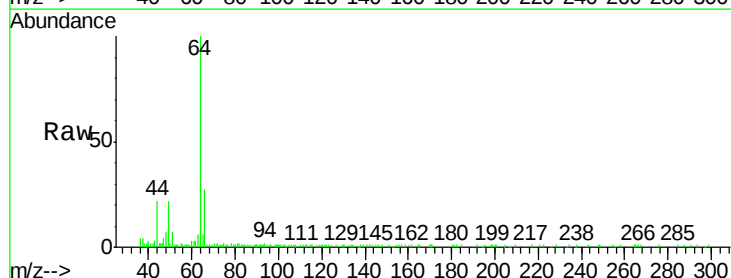
Acq: 12 Mar 2020 11:53

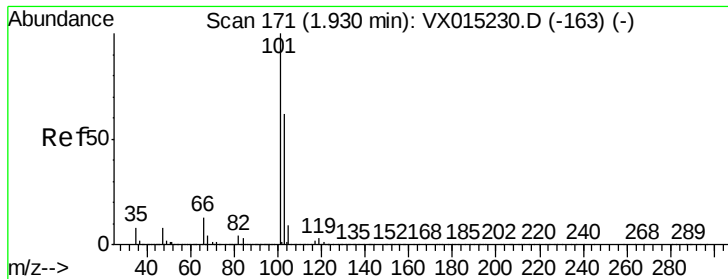
Tgt Ion: 64 Resp: 13036

Ion Ratio Lower Upper

64 100

66 26.7 25.9 38.9





#7

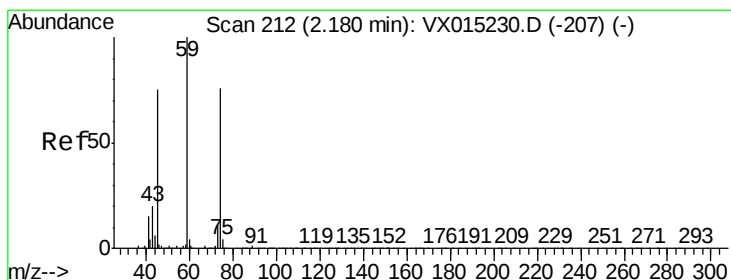
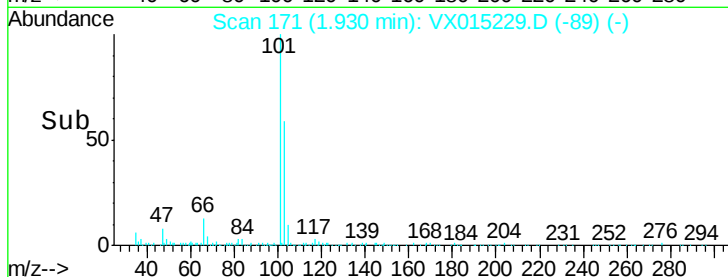
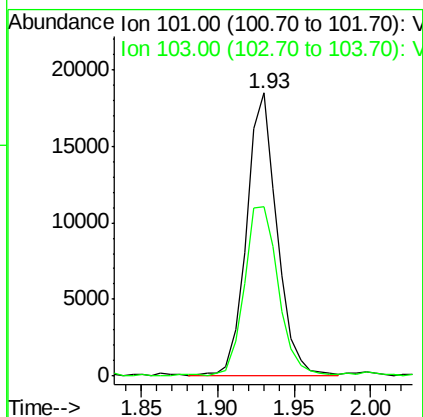
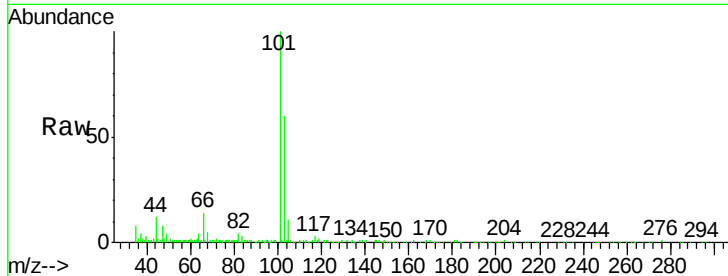
Trichlorofluoromethane  
Concen: 5.434 ug/l  
RT: 1.93 min Scan# 171  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 59.2  | 49.9  | 74.9  |

Manual Integrations  
APPROVED

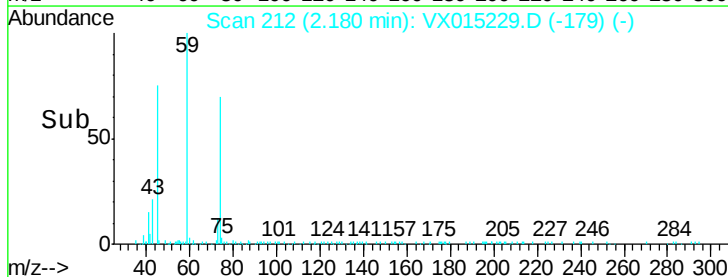
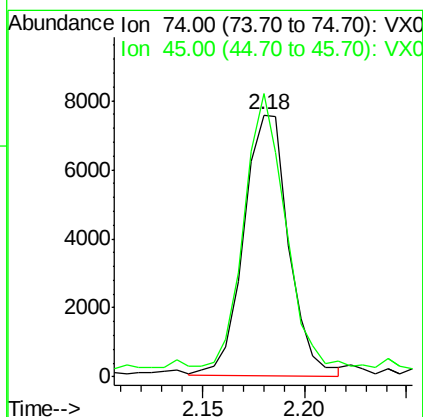
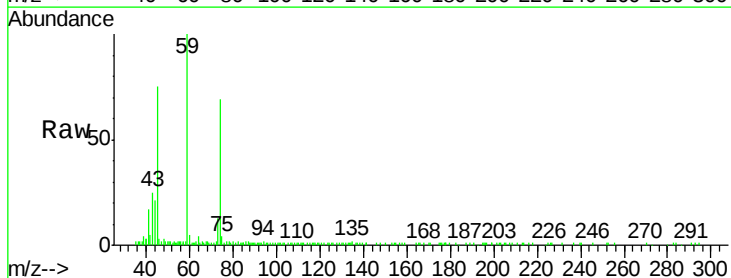
MMDadoda  
3/16/2020 11:43:31 AM

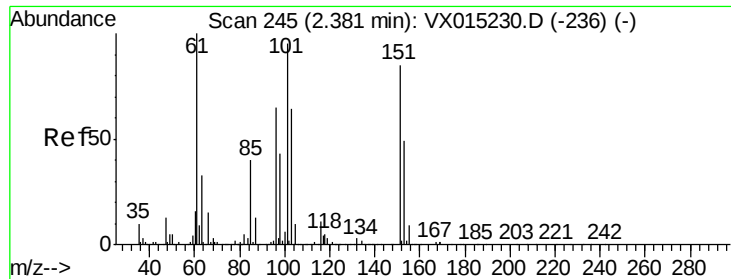


#8

Diethyl Ether  
Concen: 5.853 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 95.7  | 20.3  | 182.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.212 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

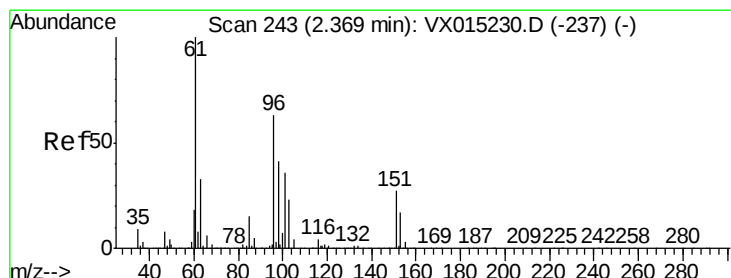
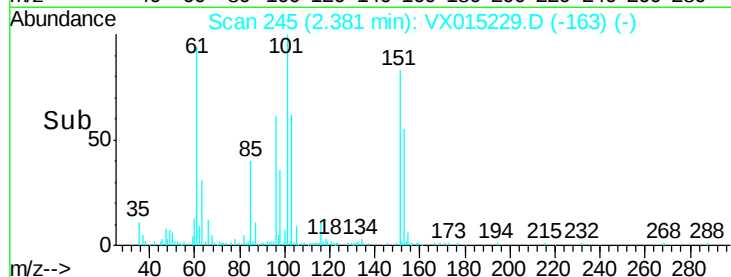
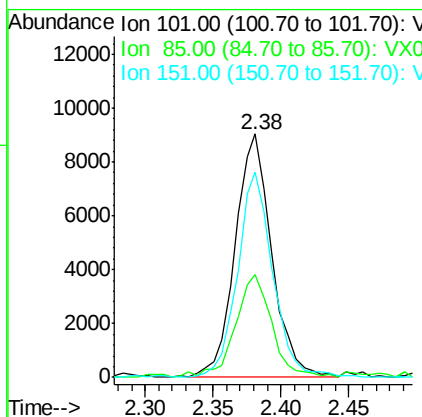
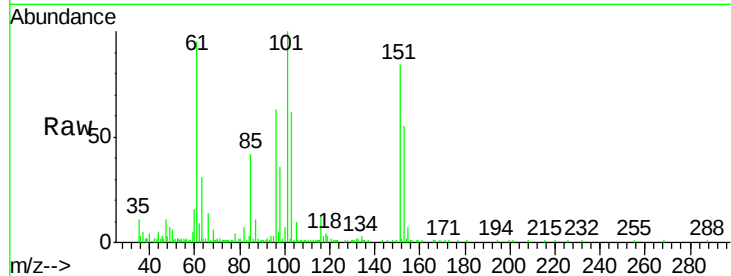
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 16945 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 40.1  | 0.0   | 82.0  |
| 151       | 80.6  | 0.0   | 165.0 |

Manual Integrations  
APPROVED

MMDadoda  
3/16/2020 11:43:31 AM



#10

1,1-Dichloroethene

Concen: 5.931 ug/l

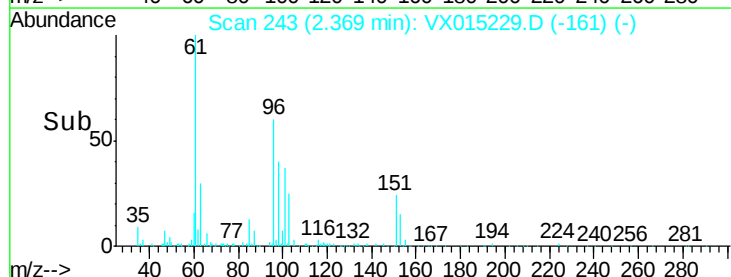
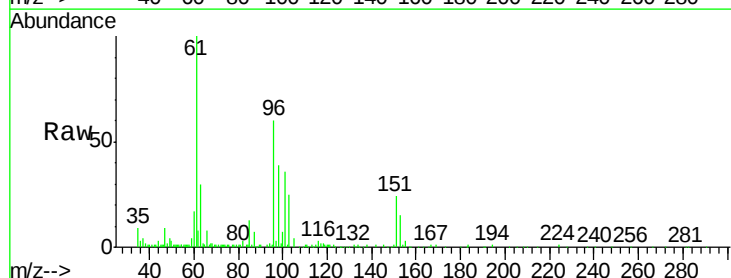
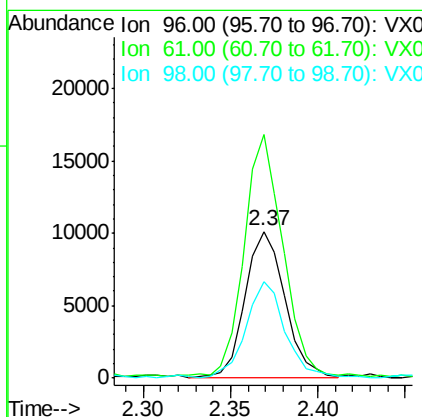
RT: 2.37 min Scan# 243

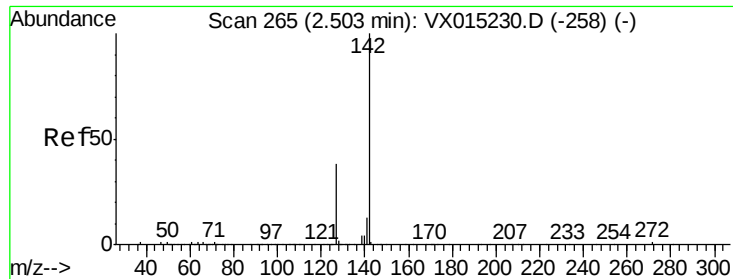
Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 16265 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 164.2 | 126.2 | 189.2 |
| 98        | 64.6  | 52.1  | 78.1  |





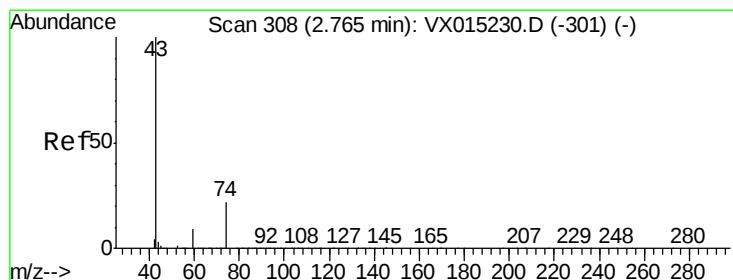
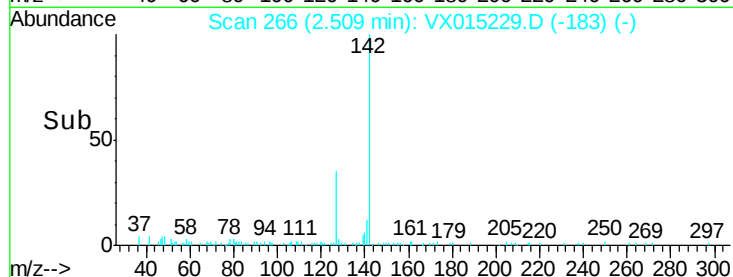
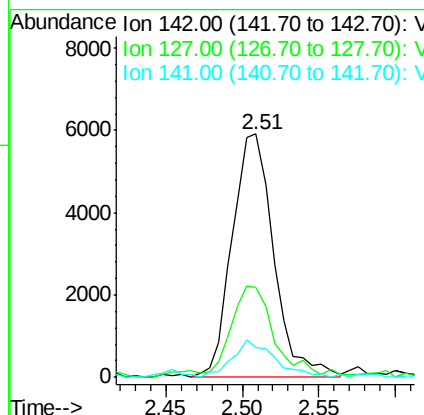
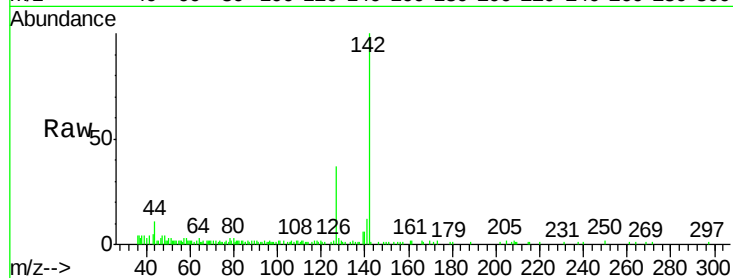
#11  
Methvl Iodide  
Concen: 3.351 ug/l  
RT: 2.51 min Scan# 266  
Delta R.T. 0.01 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 35.0  | 18.9  | 56.9  |
| 141     | 11.2  | 6.6   | 19.7  |

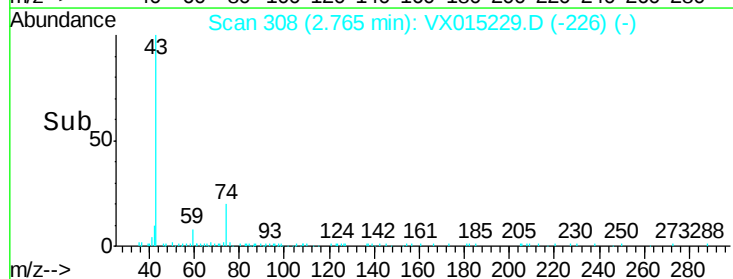
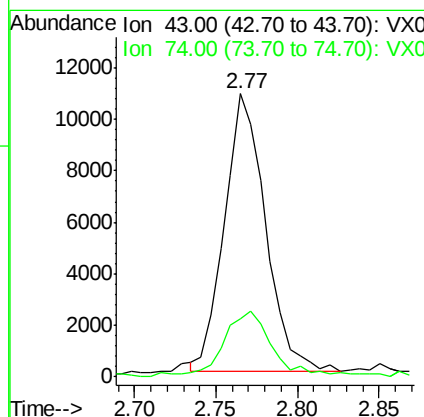
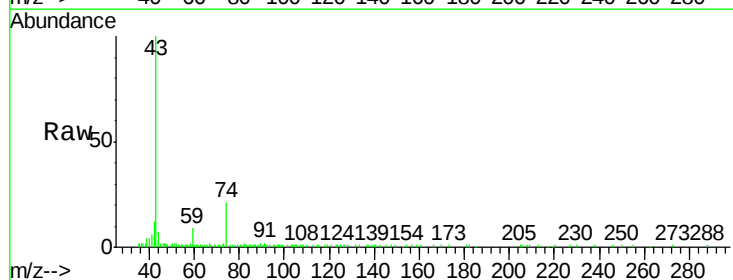
Manual Integrations  
APPROVED

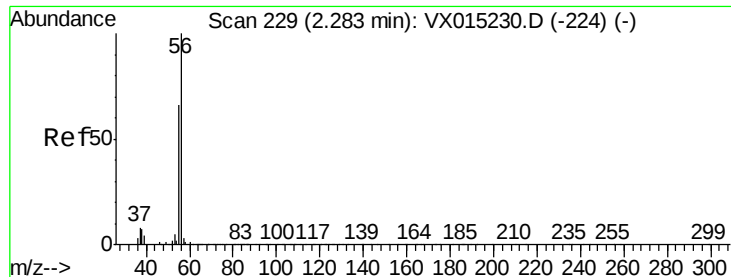
MMDadoda  
3/16/2020 11:43:31 AM



#12  
Methyl Acetate  
Concen: 5.498 ug/l  
RT: 2.77 min Scan# 308  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 19.8  | 18.0  | 27.0  |





#13

Acrolein

Concen: 26.611 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 18061

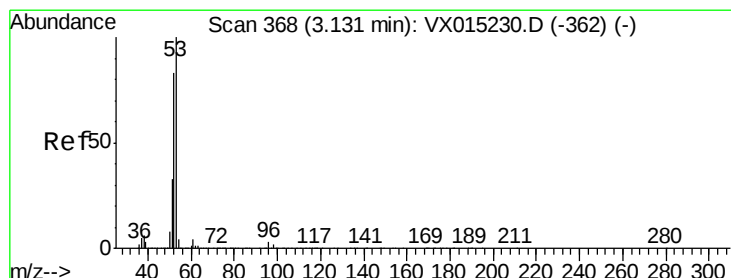
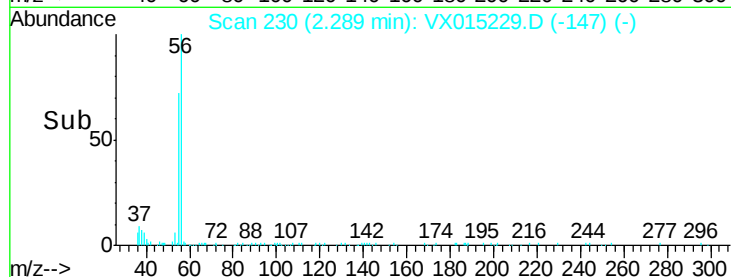
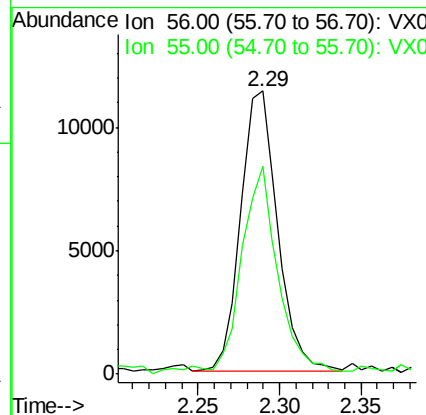
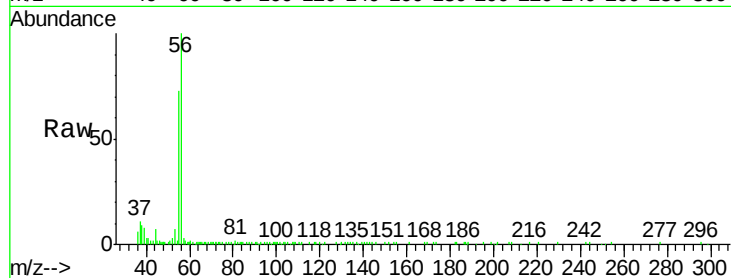
Ion Ratio Lower Upper

56 100

55 69.4 55.1 82.7

Manual Integrations  
APPROVED

MMDadoda  
3/16/2020 11:43:31 AM



#14

Acrylonitrile

Concen: 28.873 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

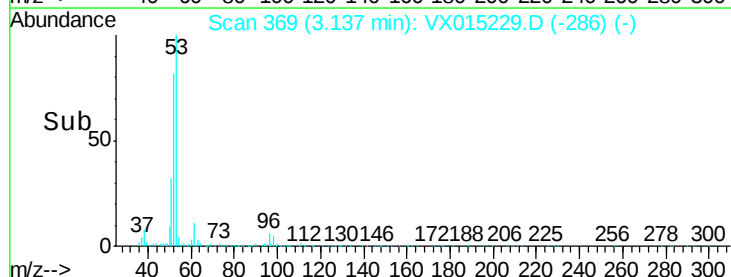
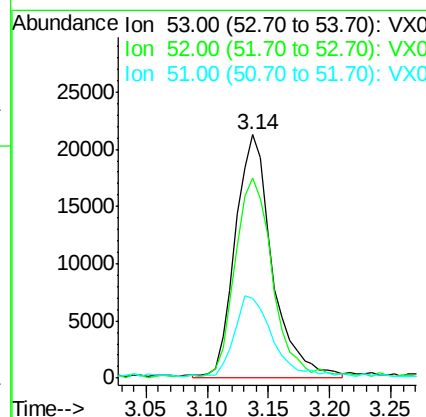
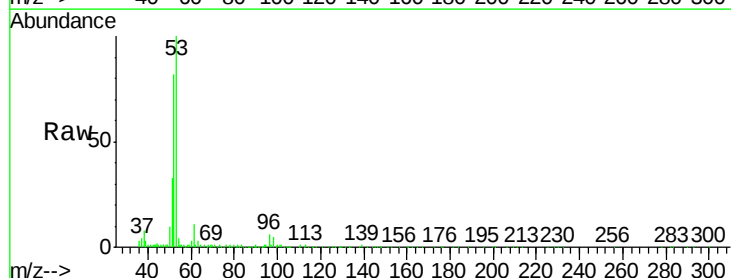
Tgt Ion: 53 Resp: 44499

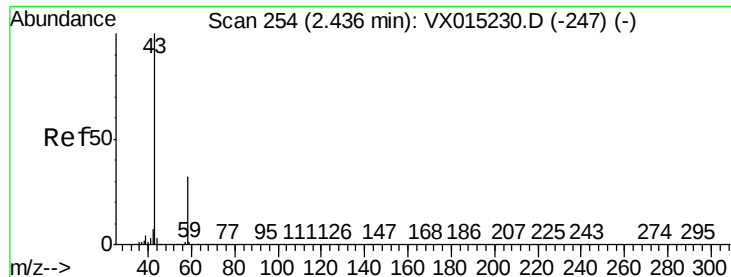
Ion Ratio Lower Upper

53 100

52 81.3 41.5 124.5

51 31.2 17.7 53.1





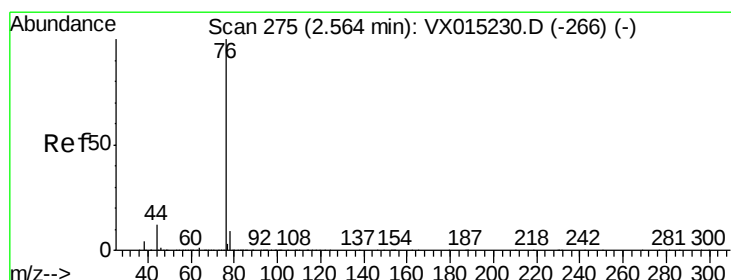
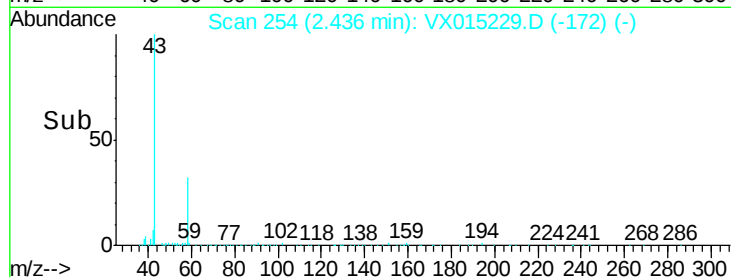
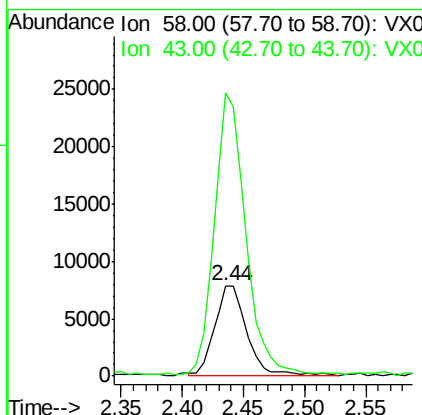
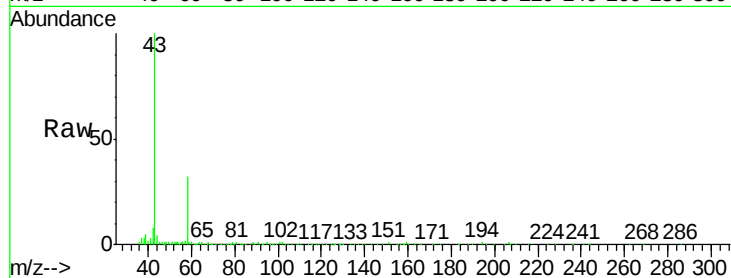
#15  
Acetone  
Concen: 25.577 ug/l  
RT: 2.44 min Scan# 254  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tot Ion: 58 Resp: 14107  
Ion Ratio Lower Upper  
58 100  
43 313.3 248.7 373.1

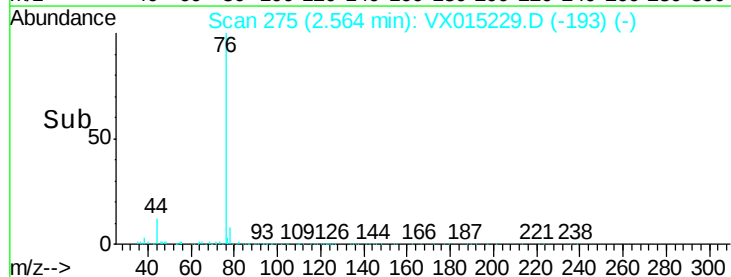
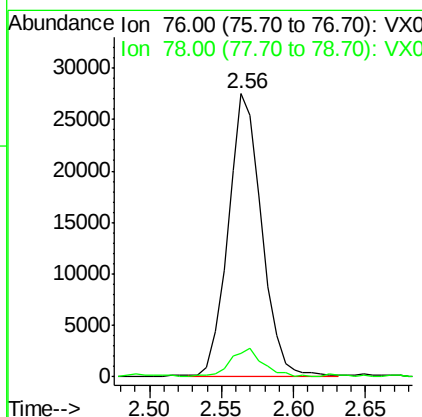
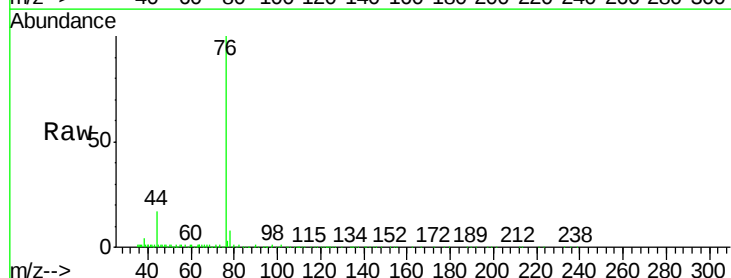
Manual Integrations  
APPROVED

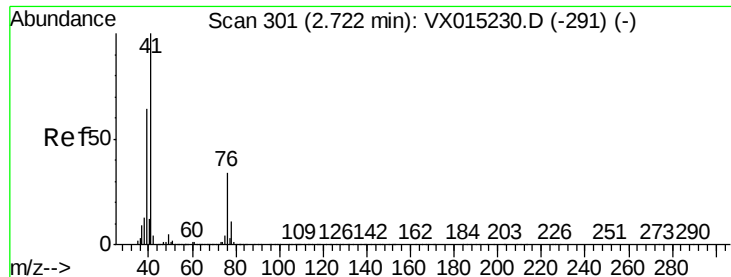
MMDadoda  
3/16/2020 11:43:31 AM



#16  
Carbon Disulfide  
Concen: 6.026 ug/l  
RT: 2.56 min Scan# 275  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Tgt Ion: 76 Resp: 44435  
Ion Ratio Lower Upper  
76 100  
78 8.4 7.3 10.9





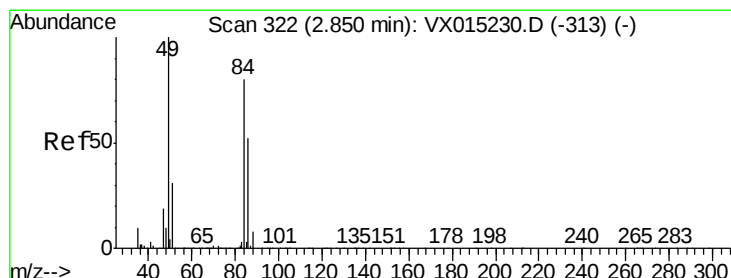
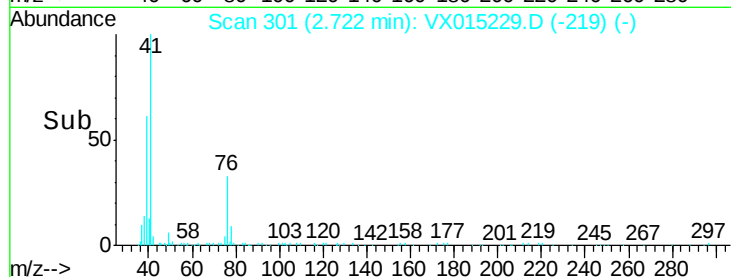
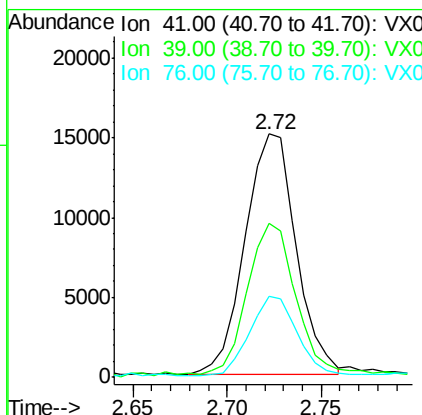
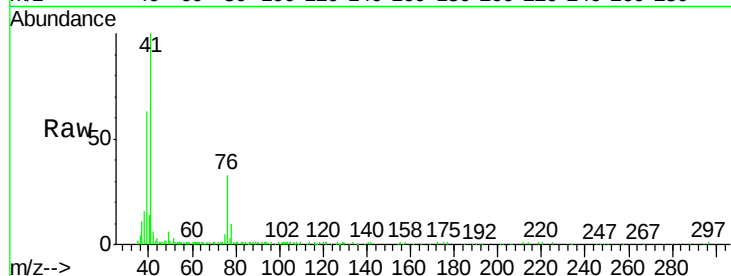
#17  
Allvl chloride  
Concen: 5.926 ug/l  
RT: 2.72 min Scan# 301  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 41    | Resp: | 28268 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 62.2  | 32.1  | 96.5  |
| 76        | 33.2  | 17.2  | 51.5  |

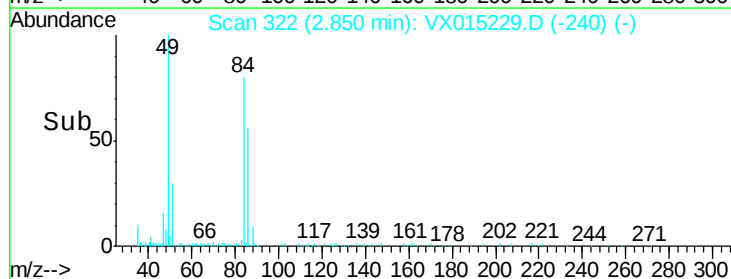
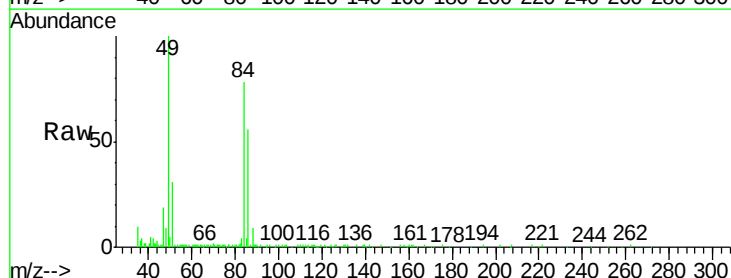
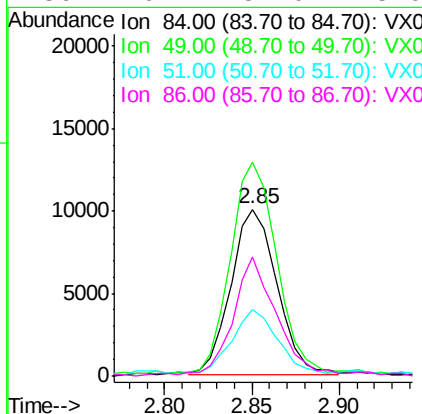
Manual Integrations  
APPROVED

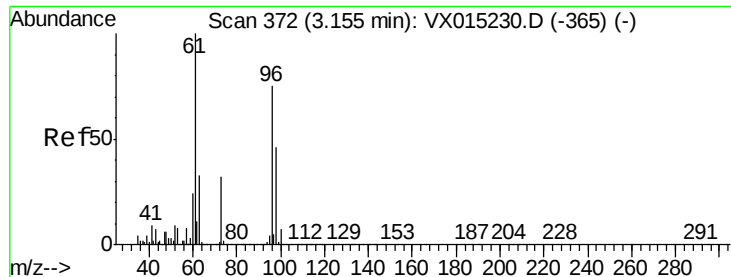
MMDadoda  
3/16/2020 11:43:31 AM



#18  
Methylene Chloride  
Concen: 5.880 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 84    | Resp: | 18580 |
| Ion Ratio | Lower | Upper |       |
| 84        | 100   |       |       |
| 49        | 127.6 | 99.5  | 149.3 |
| 51        | 38.6  | 31.0  | 46.6  |
| 86        | 70.7  | 52.0  | 78.0  |





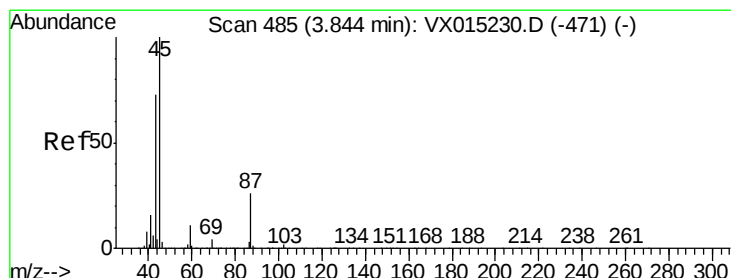
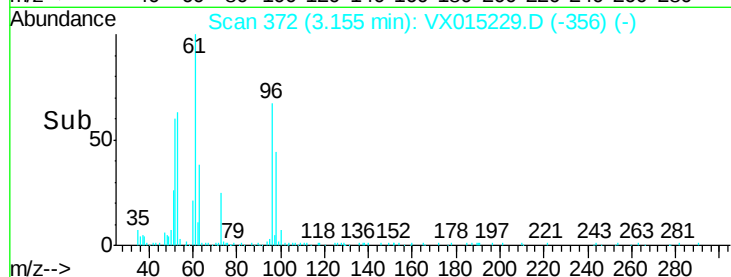
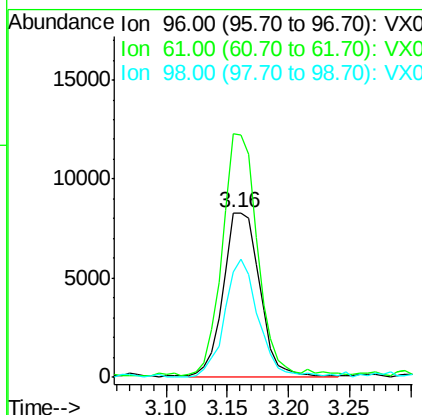
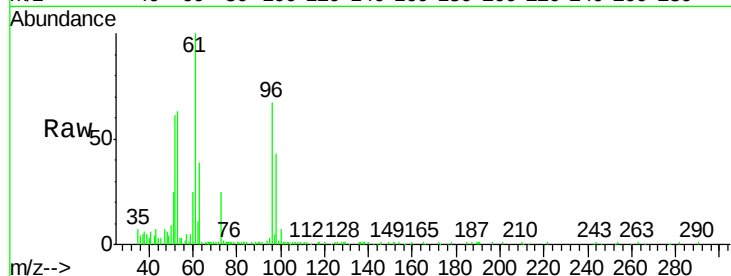
#19  
trans-1,2-Dichloroethene  
Concen: 5.717 ug/l  
RT: 3.16 min Scan# 372  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 146.3 | 106.3 | 159.5 |
| 98      | 64.8  | 49.1  | 73.7  |

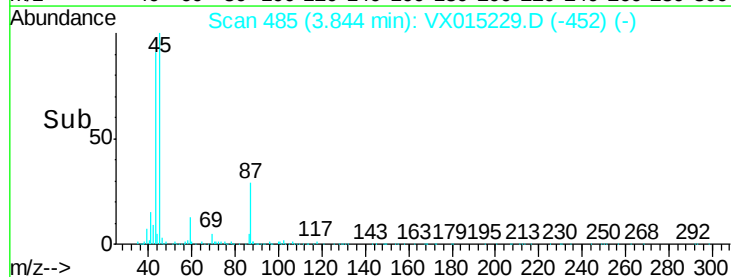
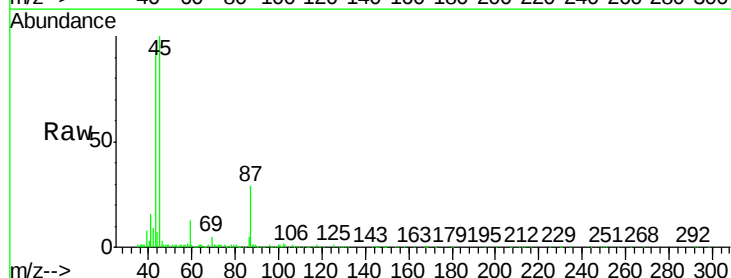
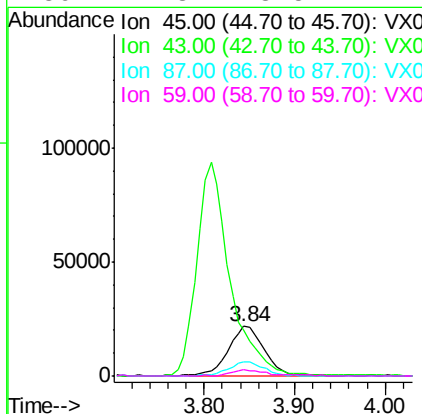
Manual Integrations  
APPROVED

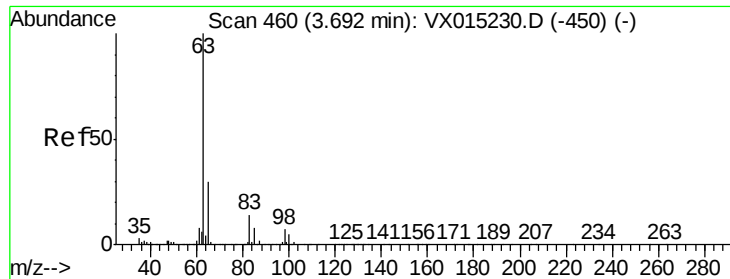
MMDadoda  
3/16/2020 11:43:31 AM



#20  
Diisopropyl ether  
Concen: 6.002 ug/l  
RT: 3.84 min Scan# 485  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 90.8  | 58.6  | 87.8# |
| 87      | 29.2  | 21.0  | 31.4  |
| 59      | 12.3  | 8.5   | 12.7  |





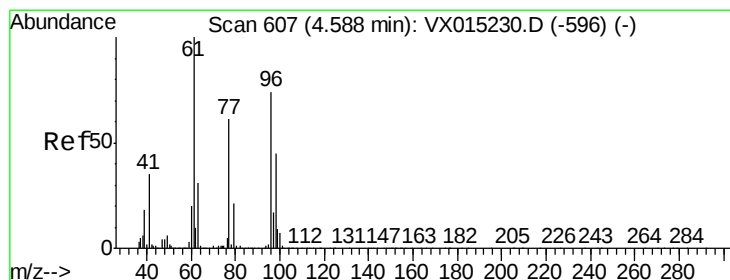
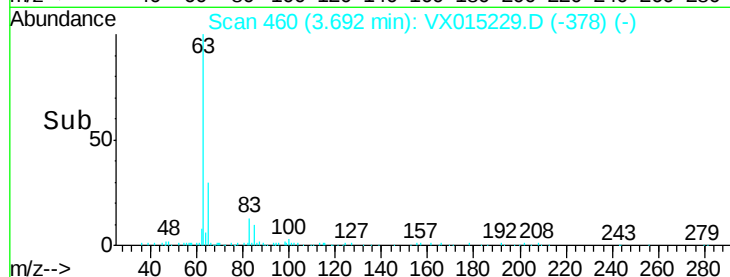
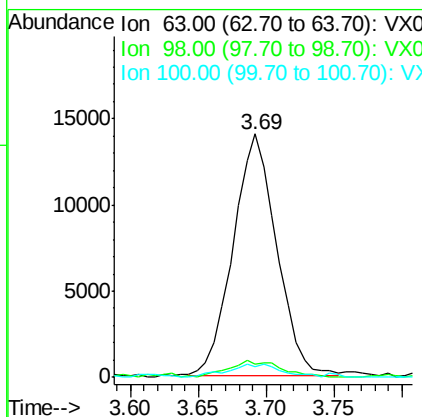
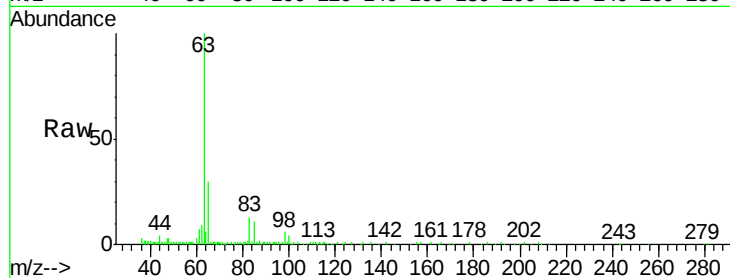
#21  
1,1-Dichloroethane  
Concen: 5.904 ug/l  
RT: 3.69 min Scan# 460  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 63    | Resp: | 31531 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 5.3   | 3.5   | 10.6  |
| 100       | 4.3   | 2.4   | 7.1   |

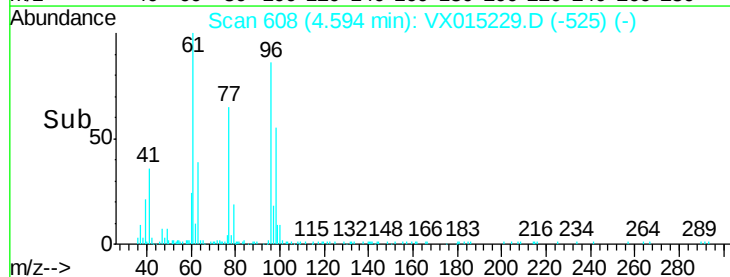
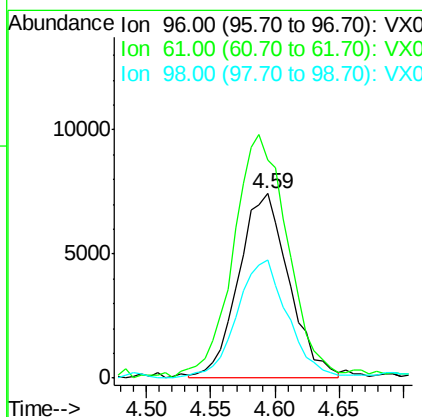
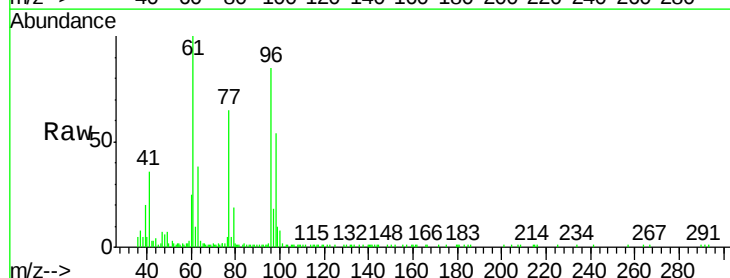
Manual Integrations  
APPROVED

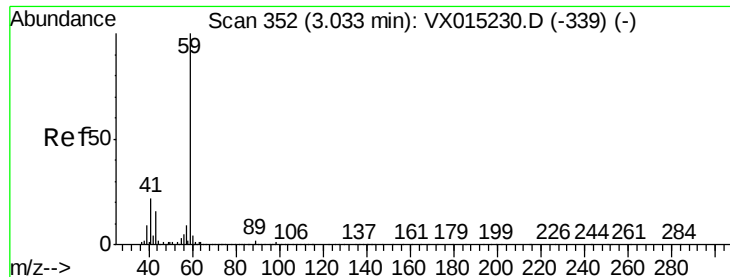
MMDadoda  
3/16/2020 11:43:31 AM



#22  
cis-1,2-Dichloroethene  
Concen: 5.865 ug/l  
RT: 4.59 min Scan# 608  
Delta R.T. 0.01 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 20217 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 142.8 | 111.4 | 167.0 |
| 98        | 64.3  | 50.1  | 75.1  |





#23

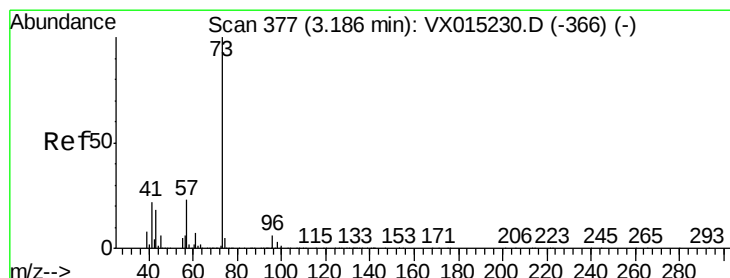
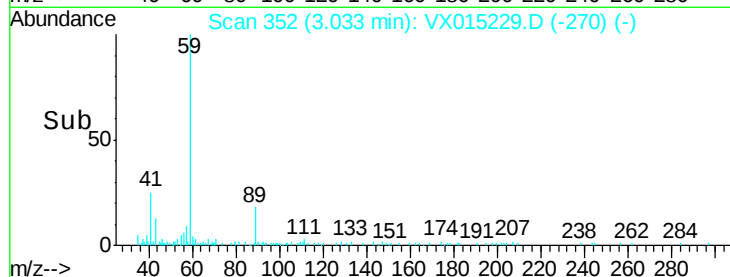
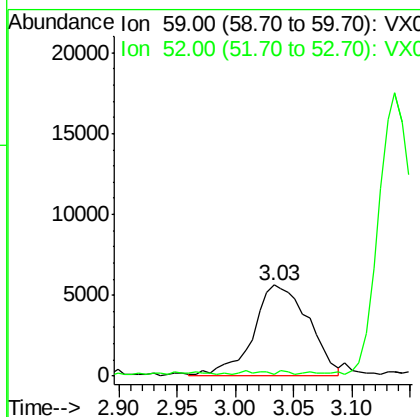
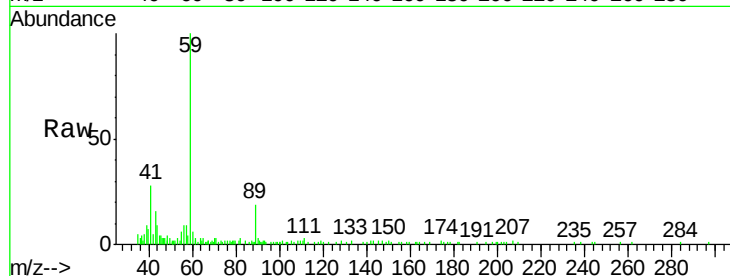
tert-Butyl Alcohol  
Concen: 29.935 ug/l  
RT: 3.03 min Scan# 352  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 52      | 0.9   | 0.4   | 0.6#  |

Manual Integrations  
APPROVED

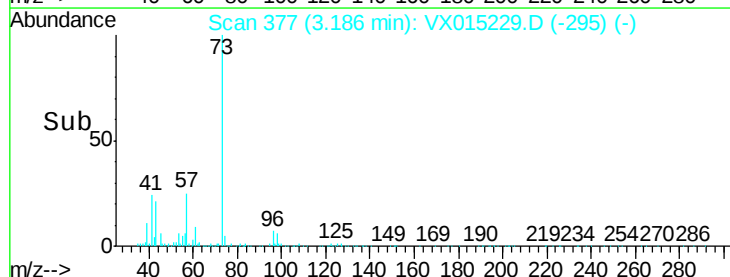
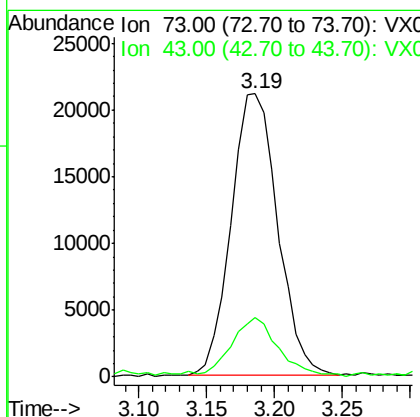
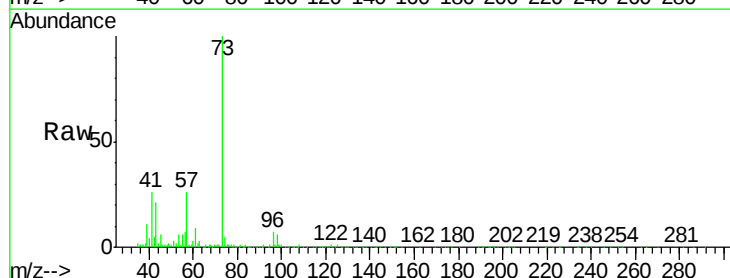
MMDadoda  
3/16/2020 11:43:31 AM

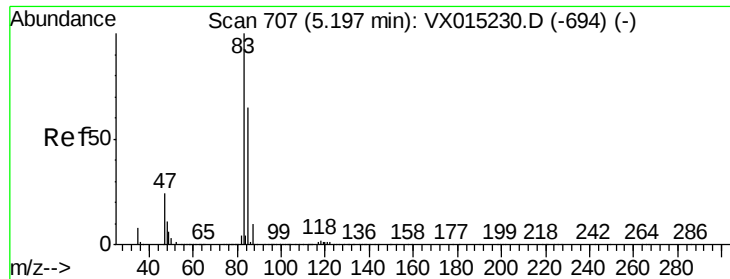


#24

Methyl tert-Butyl Ether  
Concen: 5.531 ug/l  
RT: 3.19 min Scan# 377  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 43      | 19.5  | 15.9  | 23.9  |





#25

Chloroform

Concen: 5.549 ug/l

RT: 5.21 min Scan# 709

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 29888

Ion Ratio Lower Upper

83 100

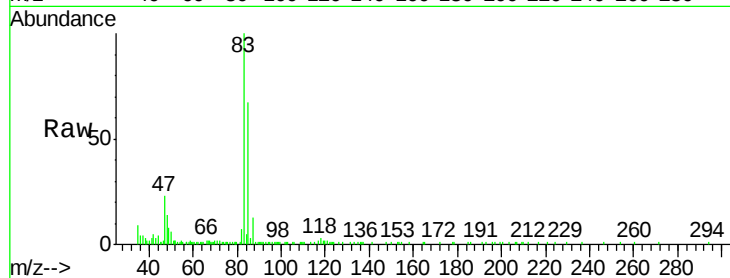
85 66.2 51.4 77.2

Manual Integrations

APPROVED

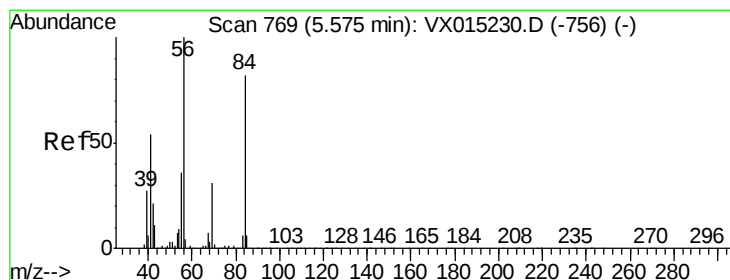
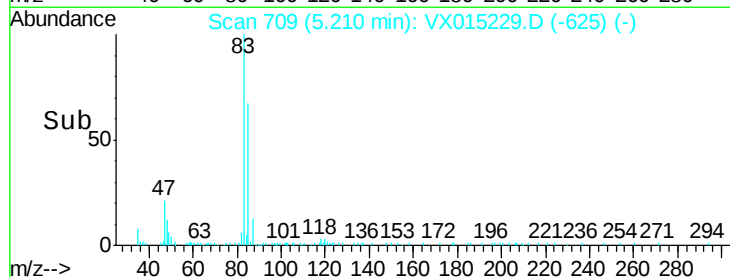
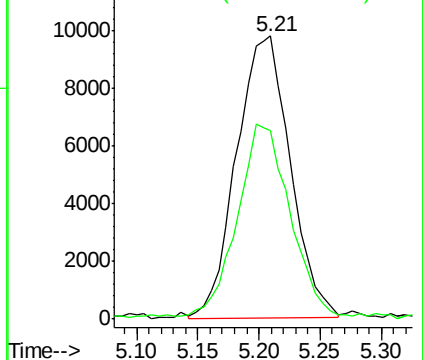
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3/16/2020 11:43:31 AM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 6.125 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

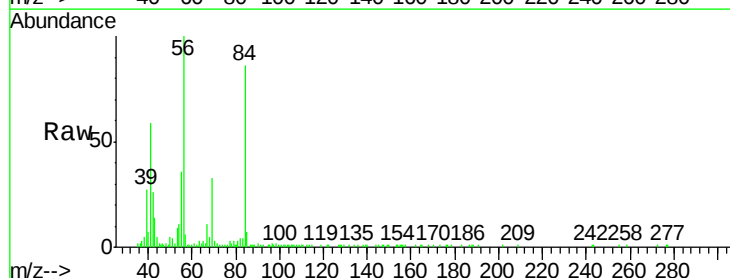
Tgt Ion: 56 Resp: 29234

Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

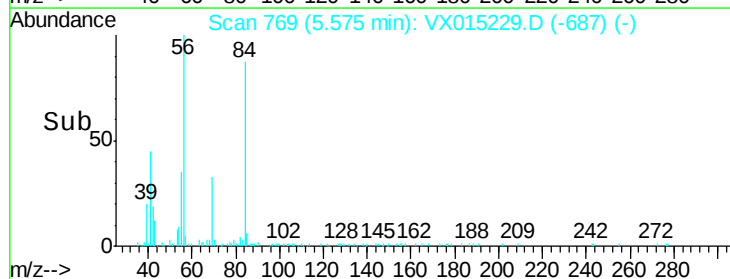
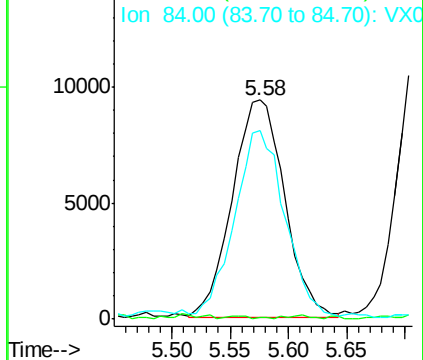
84 82.2 68.2 102.4

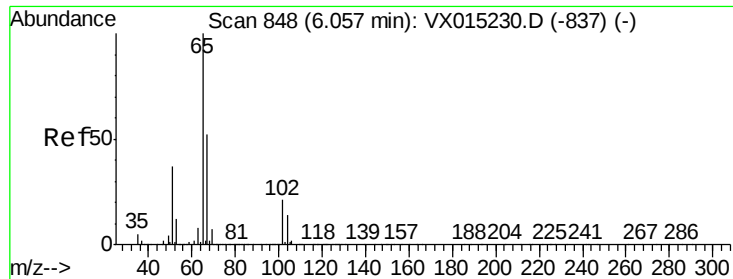


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 28.163 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC005

Tot Ion: 65 Resp: 102164

Ion Ratio Lower Upper

65 100

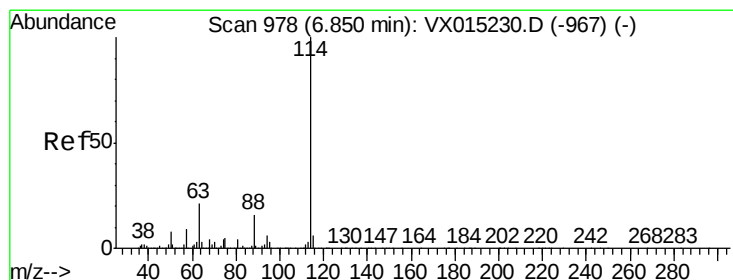
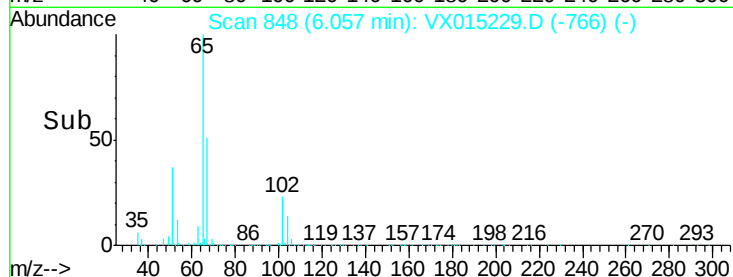
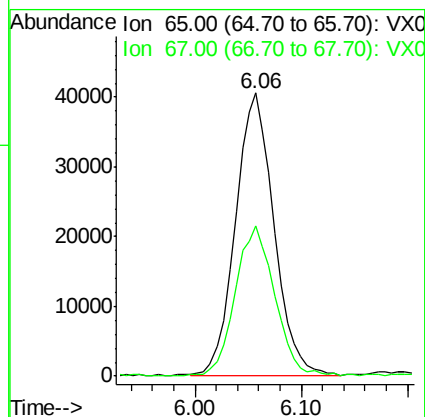
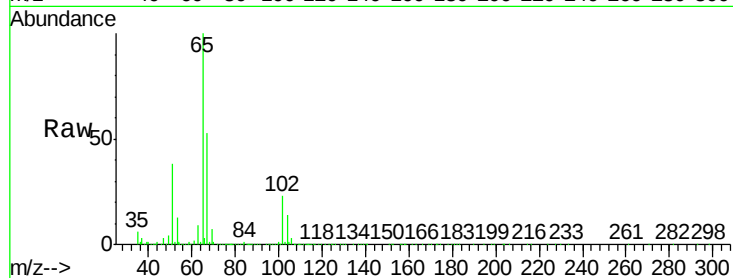
67 53.5 43.5 65.3

Manual Integrations

APPROVED

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

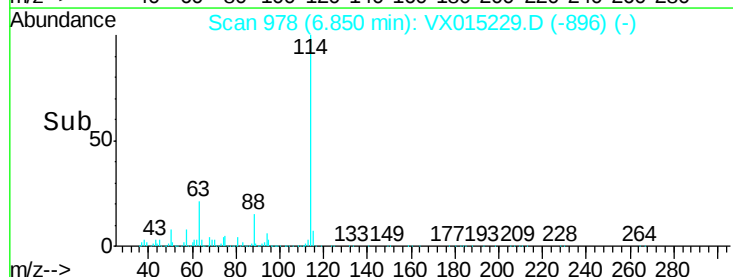
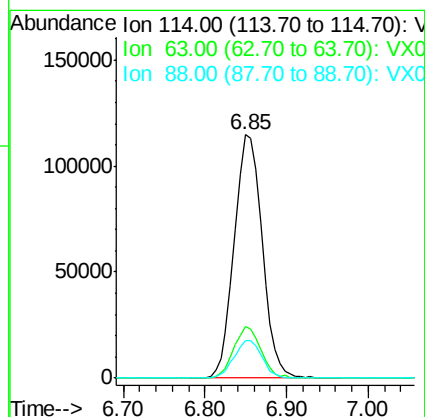
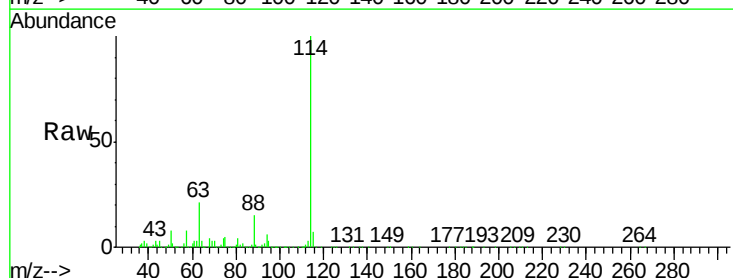
Tgt Ion: 114 Resp: 272394

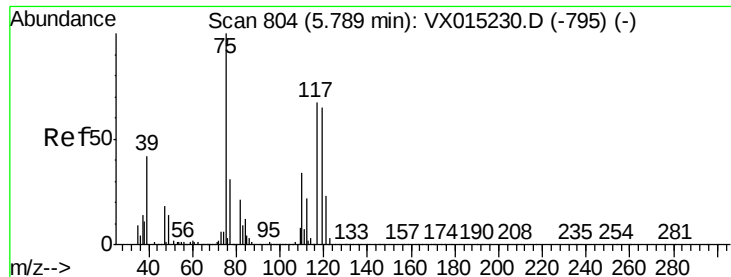
Ion Ratio Lower Upper

114 100

63 20.2 16.6 24.8

88 15.3 12.6 19.0





#29

1,1-Dichloropropene

Concen: 6.271 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

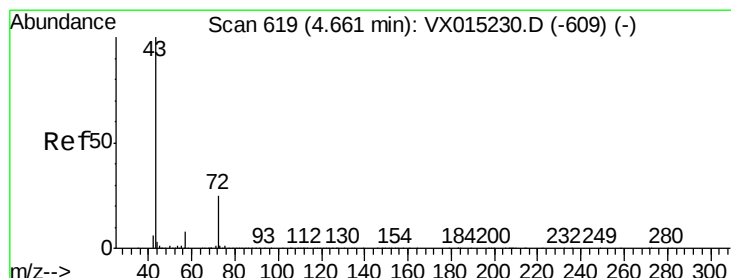
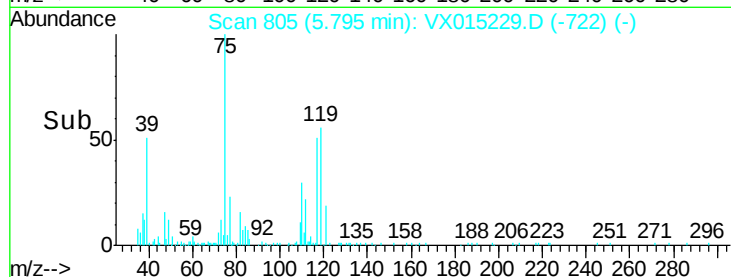
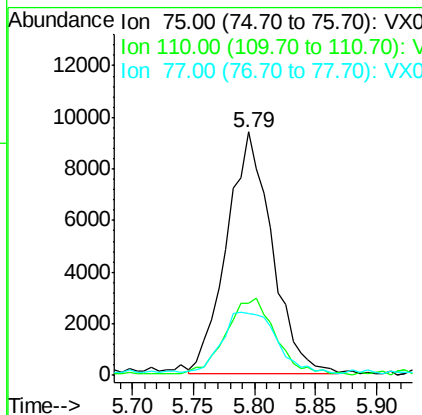
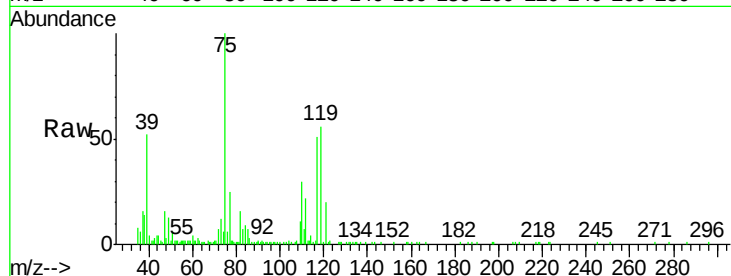
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 24163 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 35.6  | 0.0   | 73.6  |
| 77        | 29.9  | 0.0   | 63.4  |

Manual Integrations  
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#30

2-Butanone

Concen: 27.602 ug/l

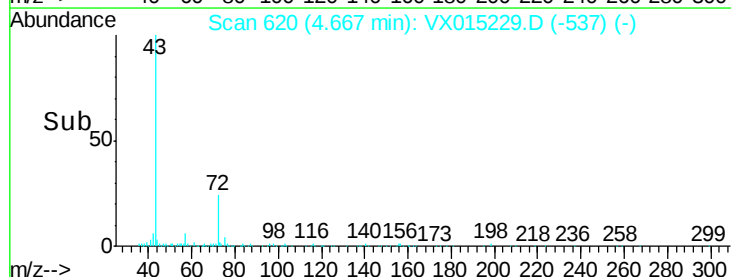
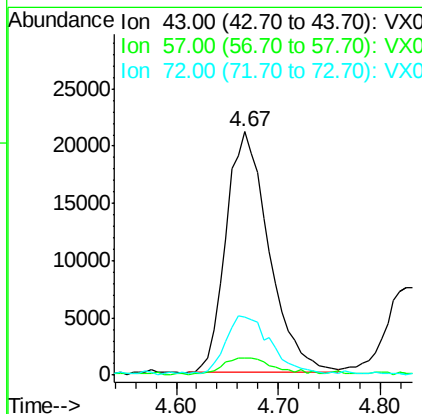
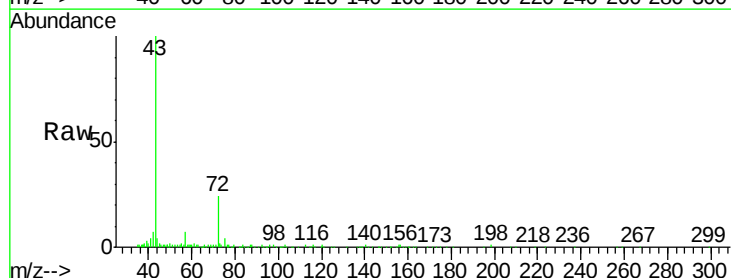
RT: 4.67 min Scan# 620

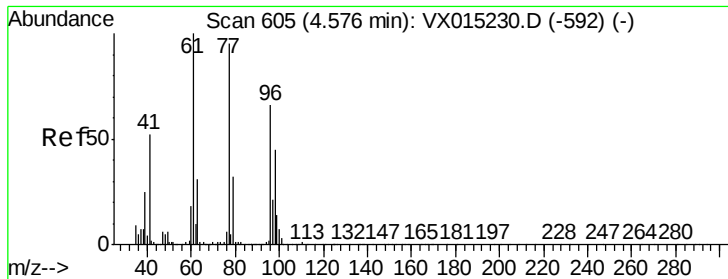
Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 61383 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 57        | 7.8   | 6.4   | 9.6   |
| 72        | 24.3  | 19.9  | 29.9  |





#31

2,2-Dichloropropane

Concen: 5.692 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 77 Resp: 24082

Ion Ratio Lower Upper

77 100

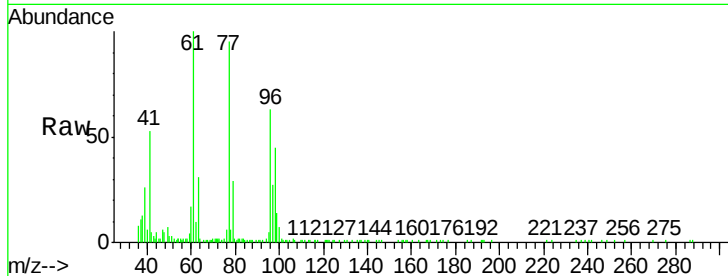
97 26.8 19.8 29.6

Manual Integrations

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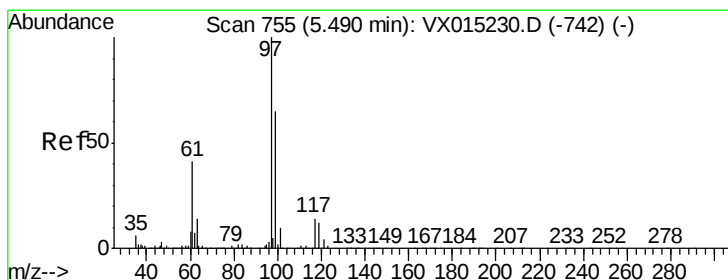
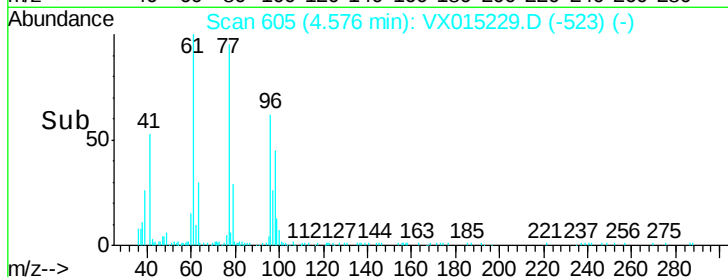
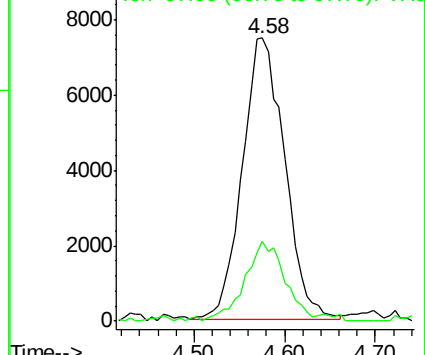
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Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 5.943 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

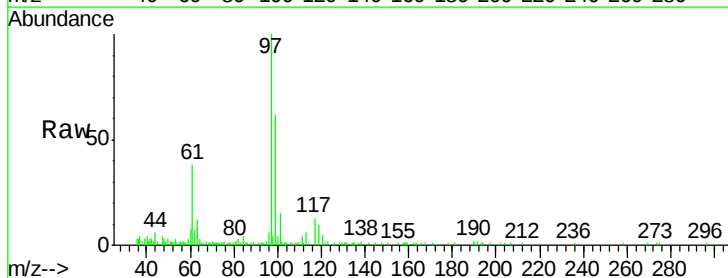
Tgt Ion: 97 Resp: 26002

Ion Ratio Lower Upper

97 100

99 61.1 52.0 78.0

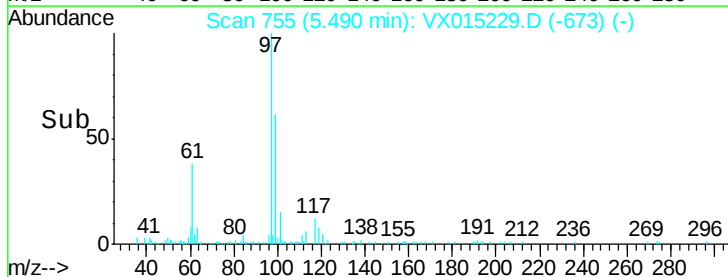
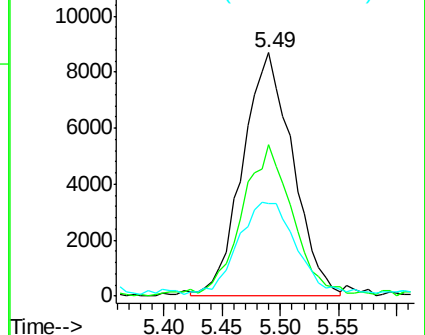
61 43.0 35.0 52.6

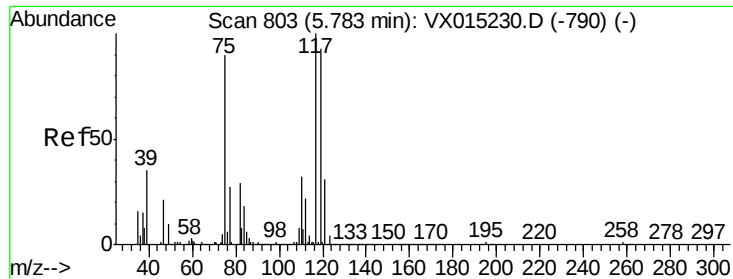


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





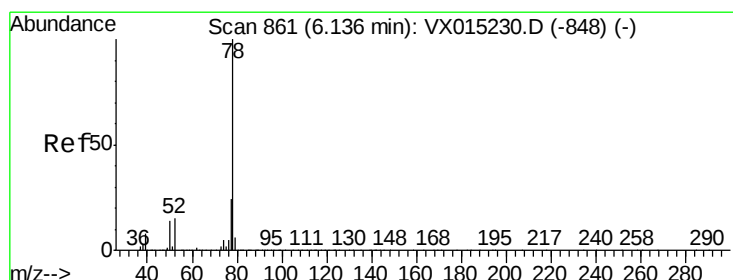
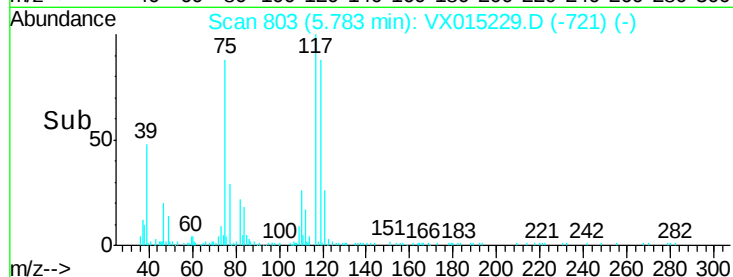
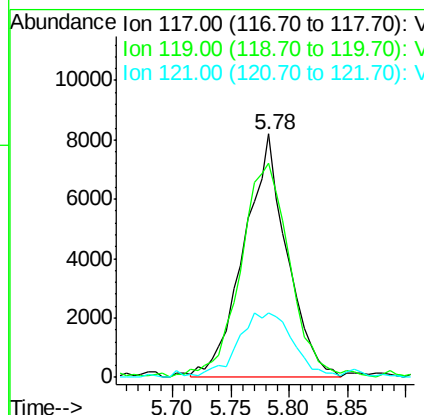
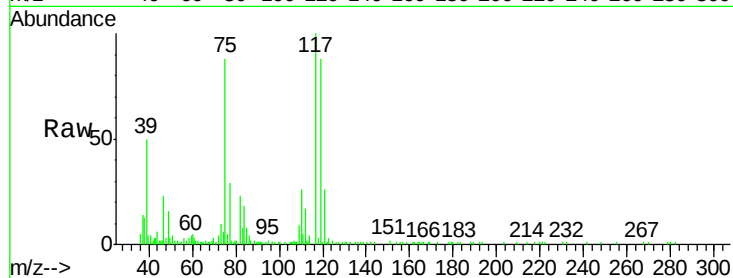
#33  
Carbon Tetrachloride  
Concen: 5.533 ug/l  
RT: 5.78 min Scan# 803  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 86.5  | 74.2  | 111.4 |
| 121     | 26.0  | 24.3  | 36.5  |

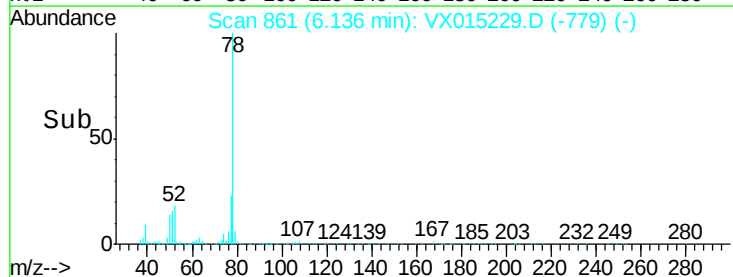
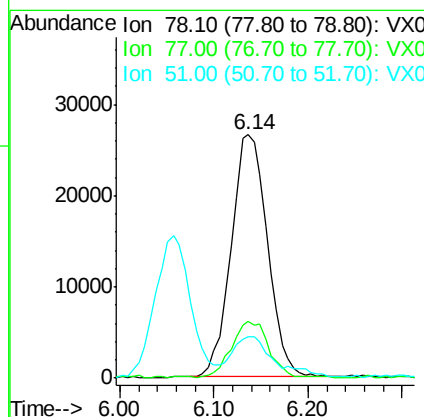
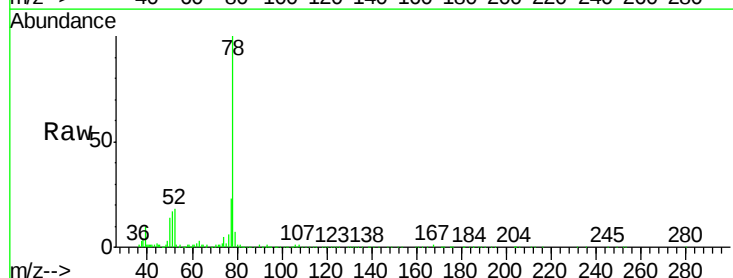
Manual Integrations  
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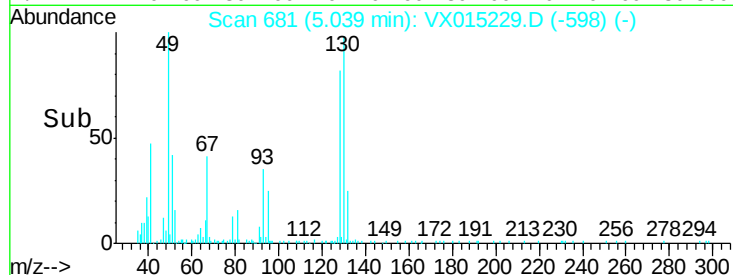
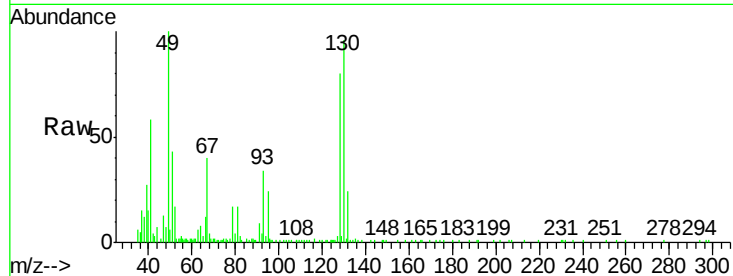
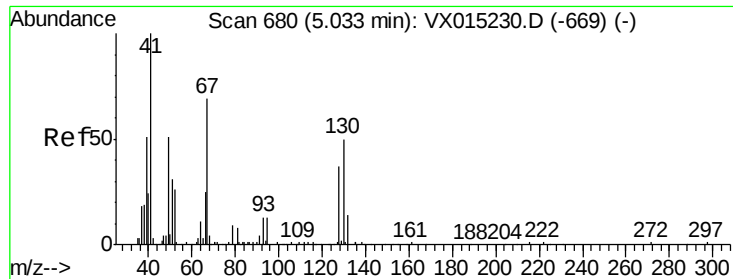
MMDadoda  
3/16/2020 11:43:31 AM



#34  
Benzene  
Concen: 6.142 ug/l  
RT: 6.14 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.2  | 19.1  | 28.7  |
| 51      | 16.0  | 13.4  | 20.2  |





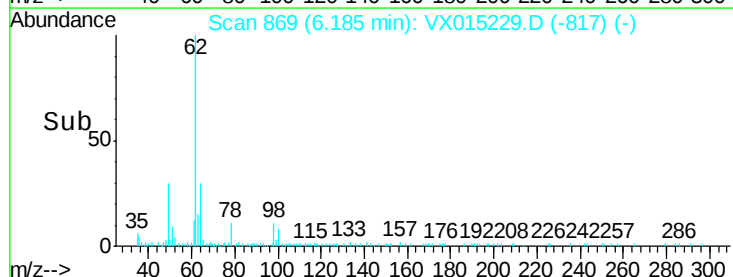
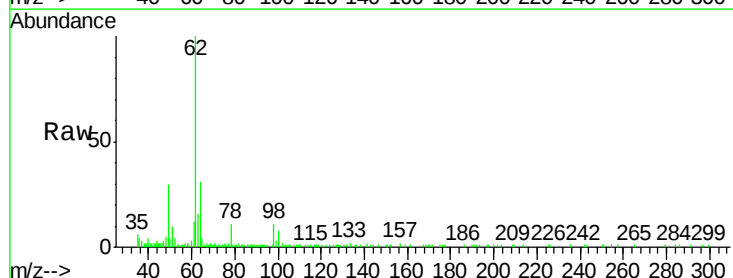
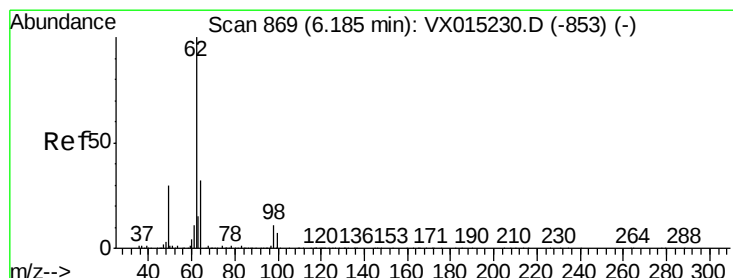
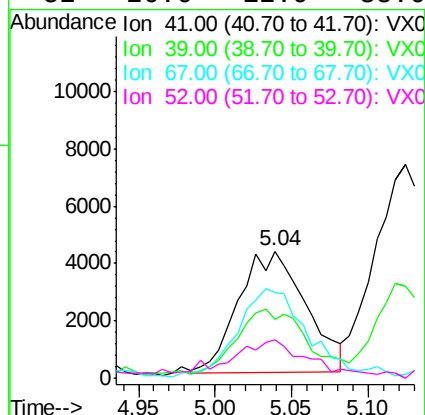
#35  
Methacrylonitrile  
Concen: 5.701 ug/l  
RT: 5.04 min Scan# 681  
Delta R.T. 0.01 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 45.3 | 25.7  | 77.1  |       |
| 67      | 67.0 | 34.3  | 102.8 |       |
| 52      | 26.6 | 12.9  | 38.6  |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

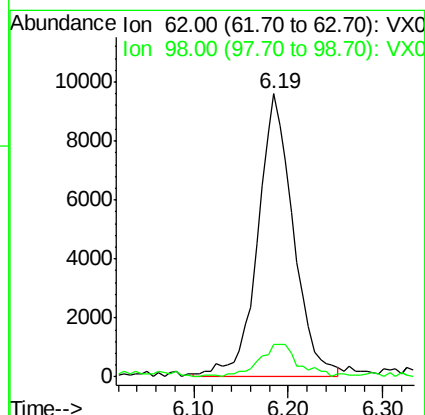
Manual Integrations  
APPROVED

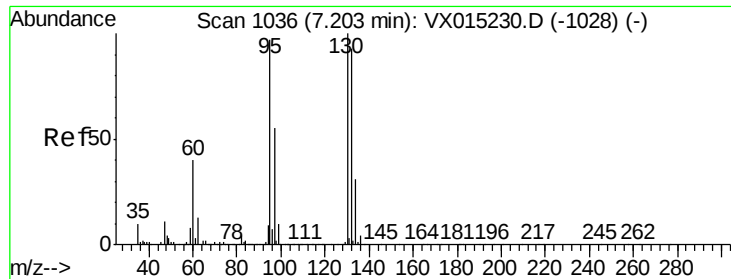
MMDadoda  
3/16/2020 11:43:31 AM



#36  
1,2-Dichloroethane  
Concen: 6.090 ug/l m  
RT: 6.19 min Scan# 869  
Delta R.T. -0.18 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 0.1 | 8.4   | 12.6  | #     |





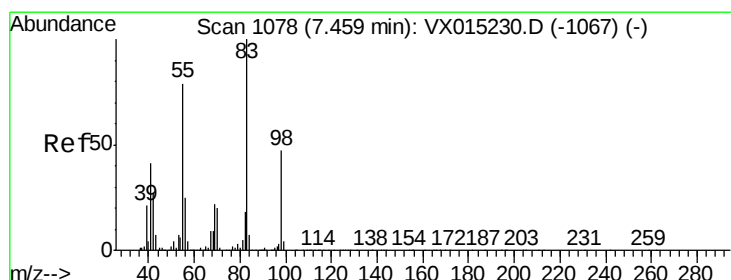
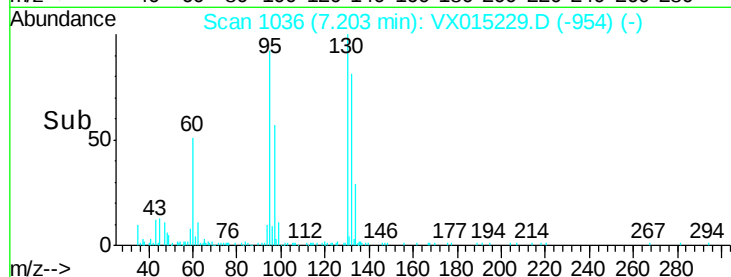
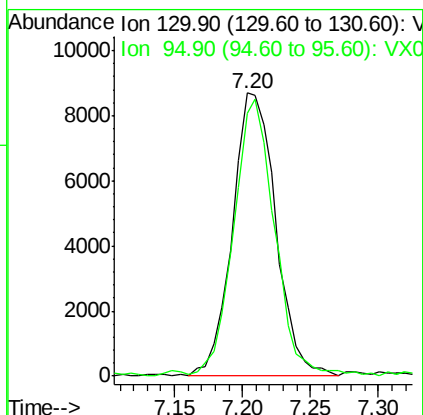
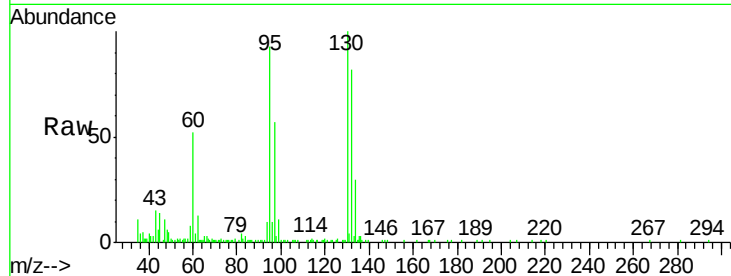
#37  
 Trichloroethene  
 Concen: 5.927 ug/l  
 RT: 7.20 min Scan# 1036  
 Delta R.T. 0.00 min  
 Lab File: VX015229.D  
 Acq: 12 Mar 2020 11:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

Tot Ion:130 Resp: 19347  
 Ion Ratio Lower Upper  
 130 100  
 95 92.2 77.4 116.0

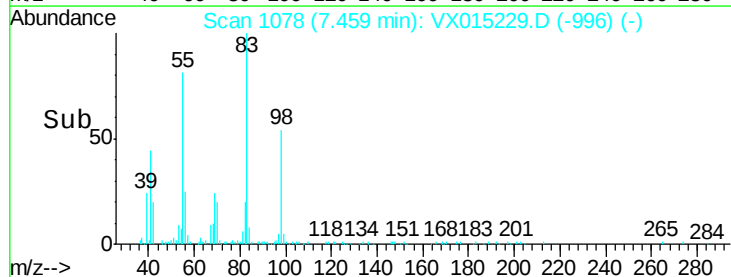
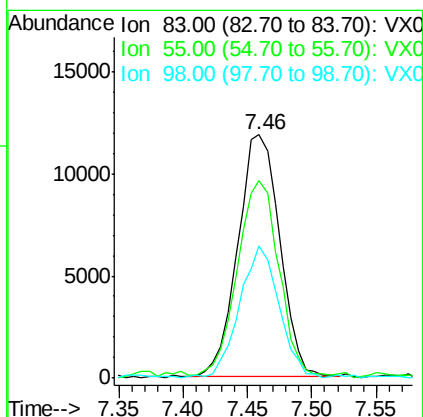
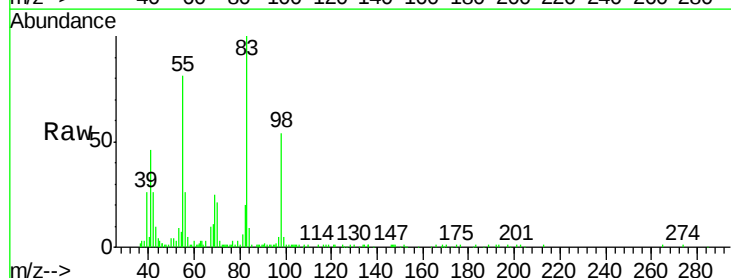
Manual Integrations  
 APPROVED

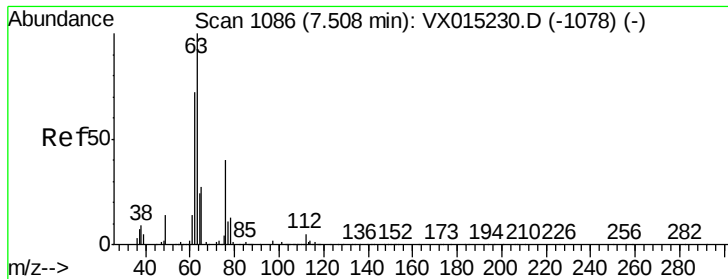
MMDadoda  
 3/16/2020 11:43:31 AM



#38  
 Methylcyclohexane  
 Concen: 5.600 ug/l  
 RT: 7.46 min Scan# 1078  
 Delta R.T. 0.00 min  
 Lab File: VX015229.D  
 Acq: 12 Mar 2020 11:53

Tgt Ion: 83 Resp: 26744  
 Ion Ratio Lower Upper  
 83 100  
 55 79.4 39.1 117.2  
 98 51.3 24.4 73.2





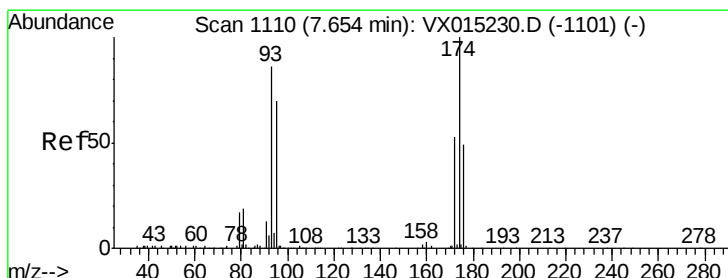
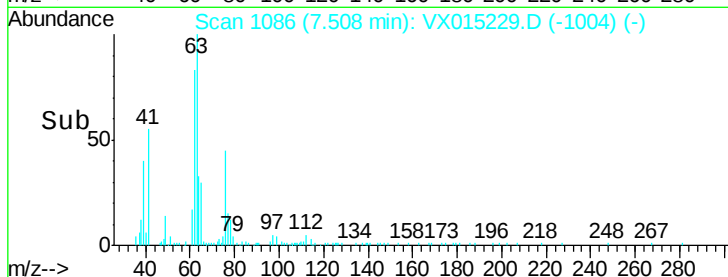
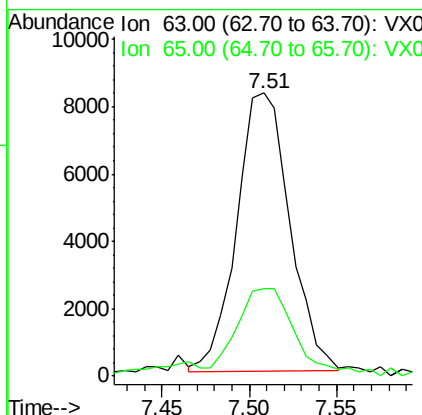
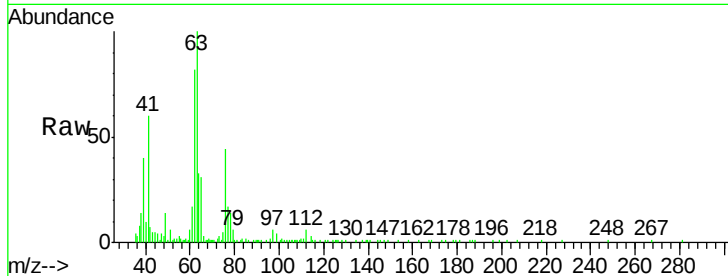
#39  
 1,2-Dichloropropane  
 Concen: 5.821 ug/l  
 RT: 7.51 min Scan# 1086  
 Delta R.T. 0.00 min  
 Lab File: VX015229.D  
 Acq: 12 Mar 2020 11:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 29.5  | 23.2  | 34.8  |

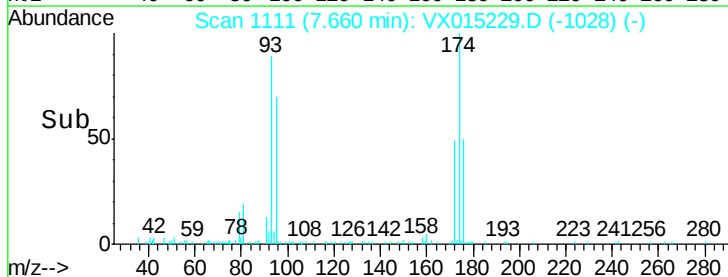
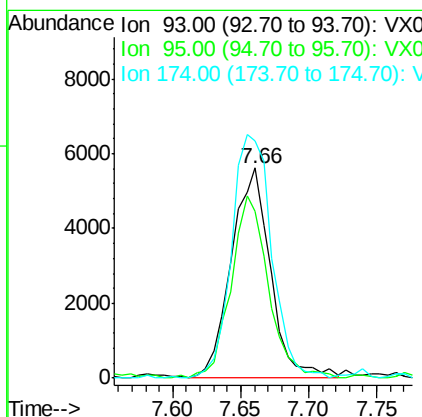
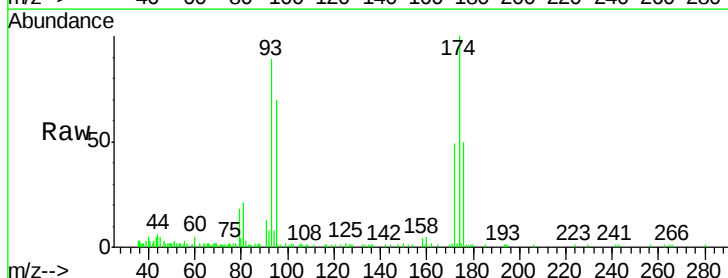
Manual Integrations  
 APPROVED

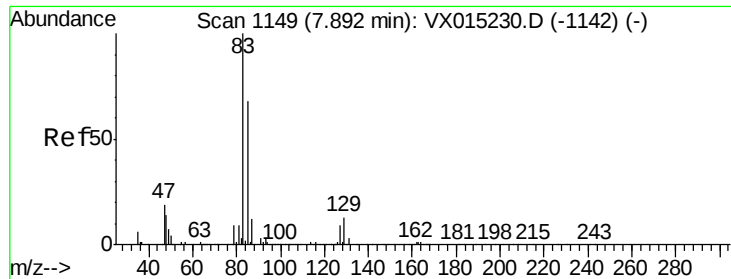
MMDadoda  
 3/16/2020 11:43:31 AM



#40  
 Dibromomethane  
 Concen: 5.662 ug/l  
 RT: 7.66 min Scan# 1111  
 Delta R.T. 0.01 min  
 Lab File: VX015229.D  
 Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 81.3  | 0.0   | 162.6 |
| 174     | 118.0 | 0.0   | 233.6 |





#41

Bromodichloromethane

Concen: 5.457 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

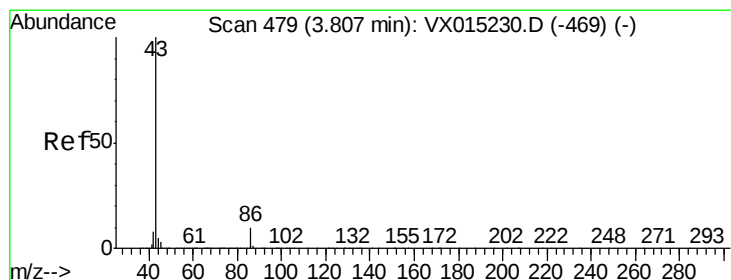
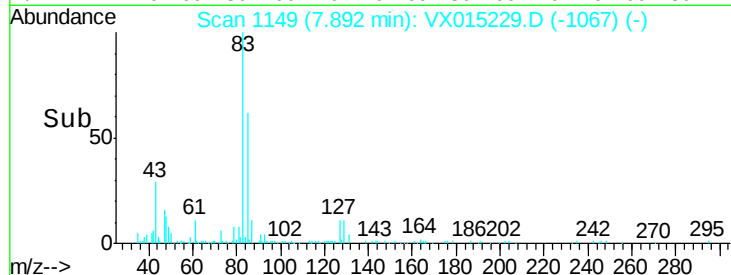
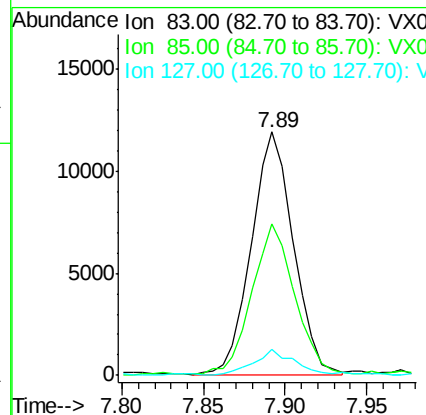
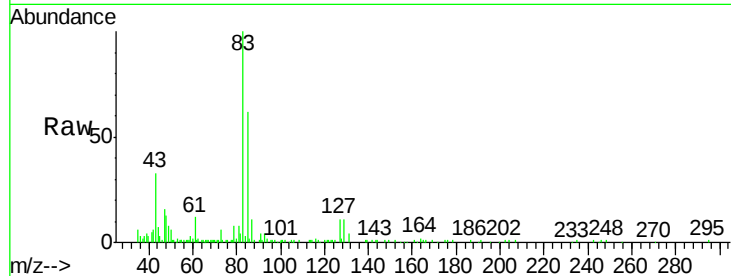
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 21541 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 61.3  | 54.2  | 81.4  |
| 127       | 9.8   | 7.1   | 10.7  |

Manual Integrations  
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MMDadoda  
3/16/2020 11:43:31 AM



#42

Vinyl Acetate

Concen: 30.774 ug/l

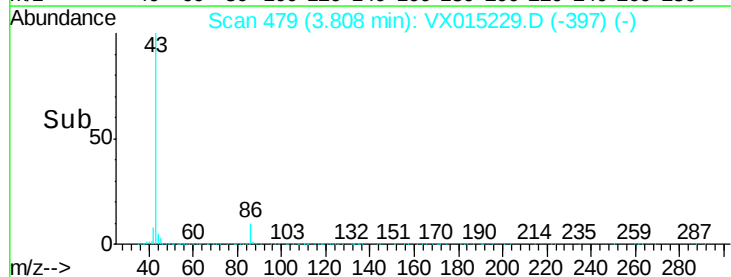
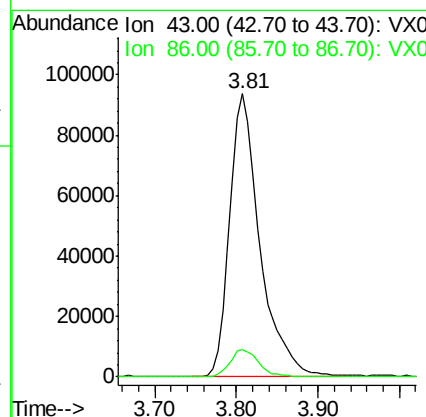
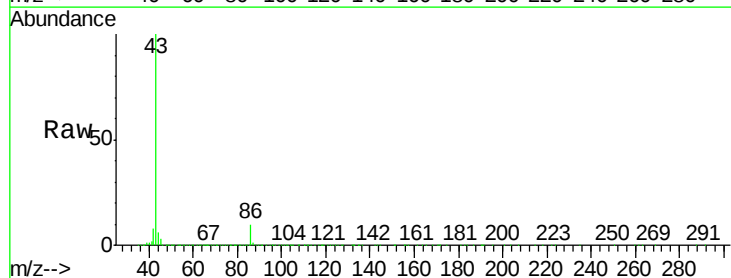
RT: 3.81 min Scan# 479

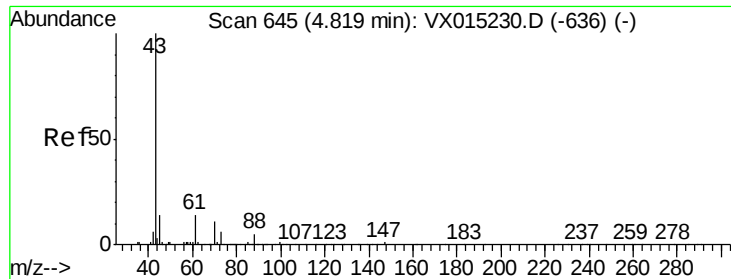
Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 240885 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 86        | 9.2   | 7.4   | 11.2   |





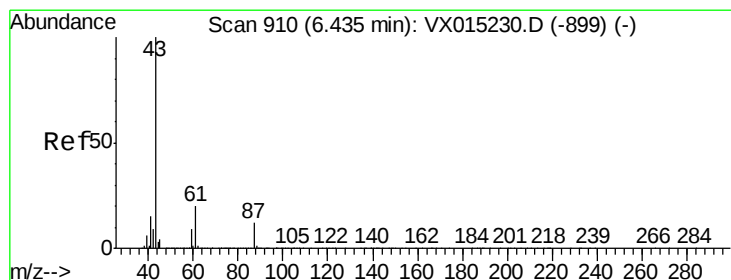
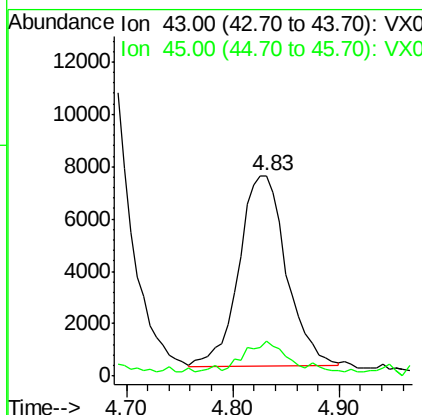
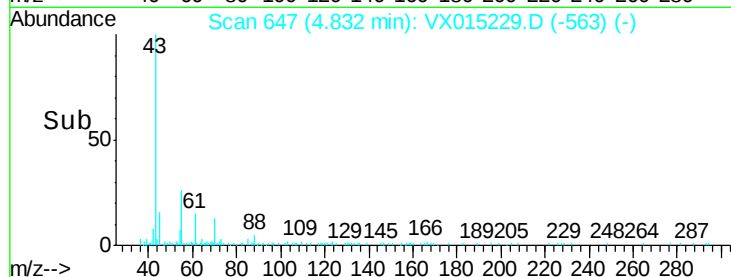
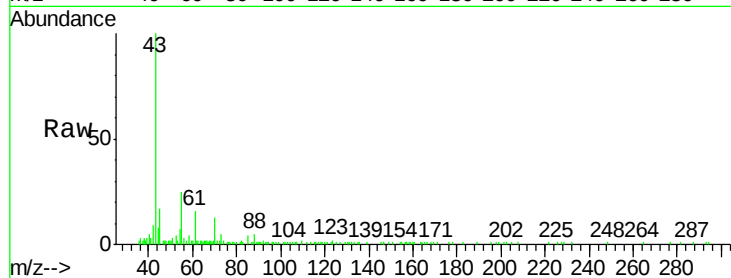
#43  
Ethyl Acetate  
Concen: 5.581 ug/l  
RT: 4.83 min Scan# 647  
Delta R.T. 0.01 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 45      | 8.9   | 11.7  | 17.5# |

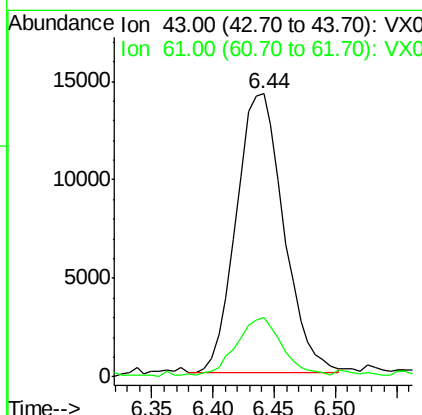
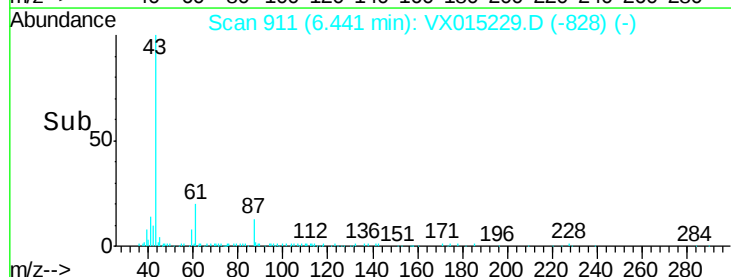
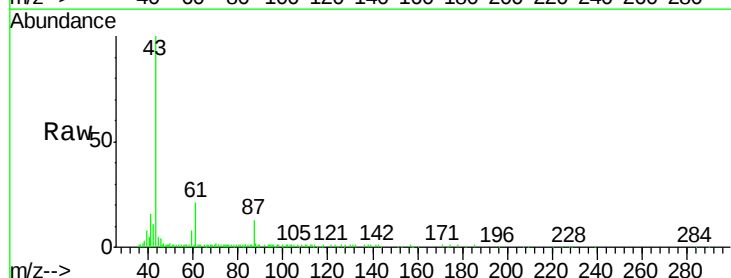
Manual Integrations  
APPROVED

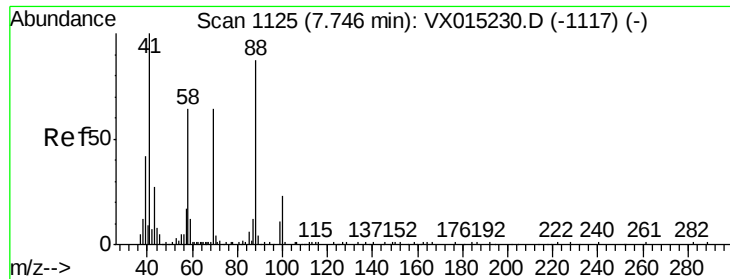
MMDadoda  
3/16/2020 11:43:31 AM



#44  
Isopropyl Acetate  
Concen: 5.656 ug/l  
RT: 6.44 min Scan# 911  
Delta R.T. 0.01 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.7  | 17.0  | 25.4  |





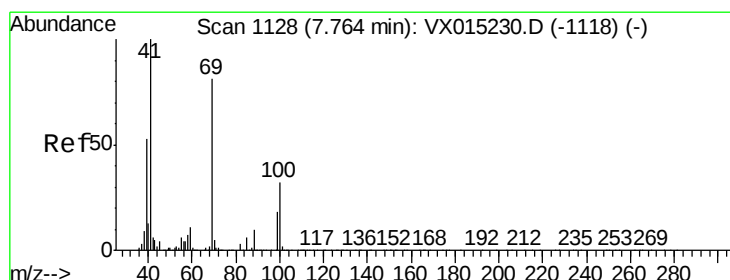
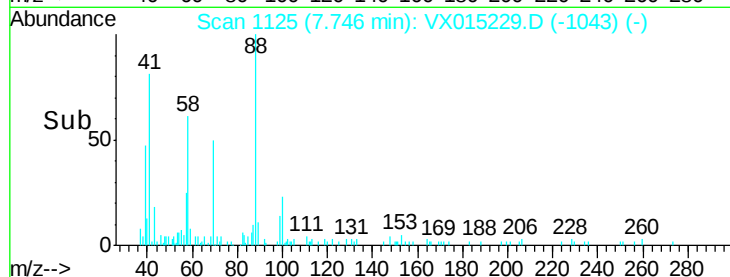
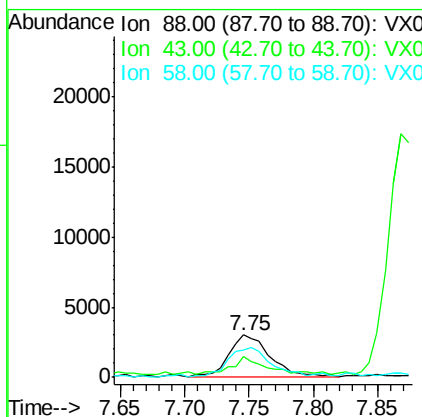
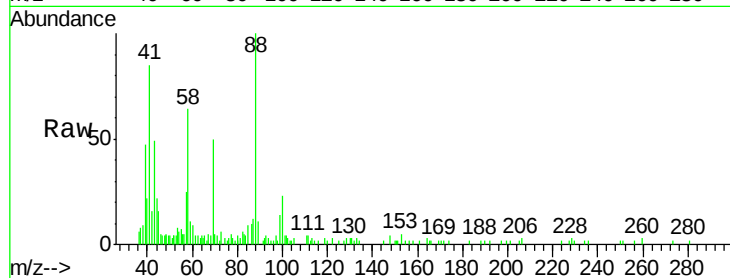
#45  
1,4-Dioxane  
Concen: 109.961 ug/l  
RT: 7.75 min Scan# 1125  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 6873  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 27.4  | 26.4  | 39.6  |
| 58       | 73.1  | 57.3  | 85.9  |

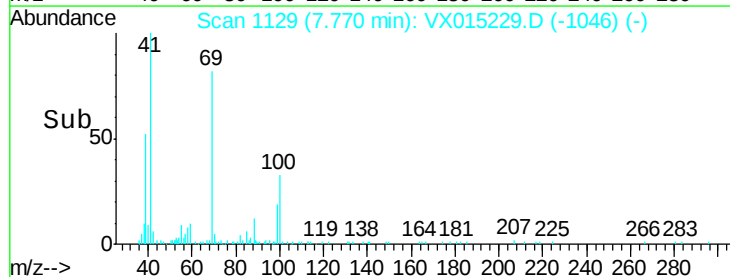
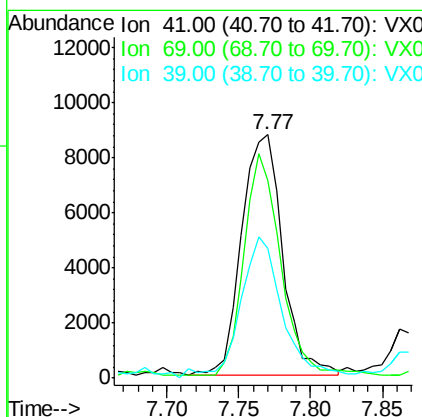
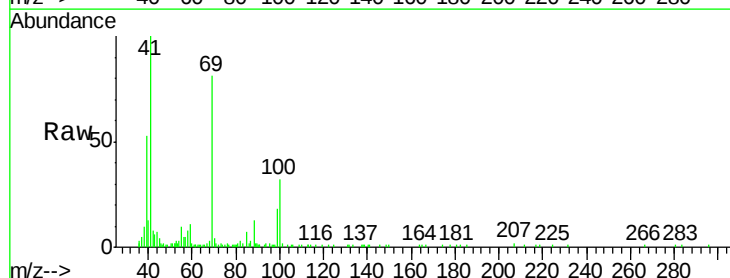
Manual Integrations  
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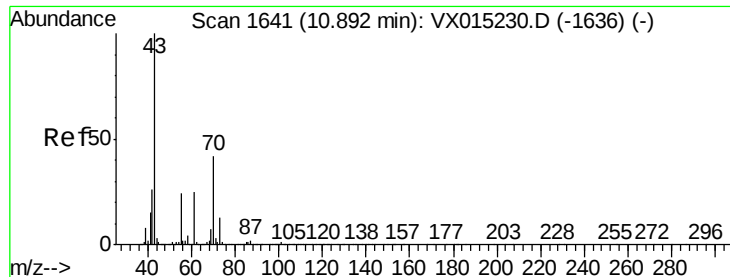
MMDadoda  
3/16/2020 11:43:31 AM



#46  
Methyl methacrylate  
Concen: 5.099 ug/l  
RT: 7.77 min Scan# 1129  
Delta R.T. 0.01 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 17063 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 81.2  | 40.5  | 121.4 |
| 39       | 51.1  | 26.6  | 79.8  |





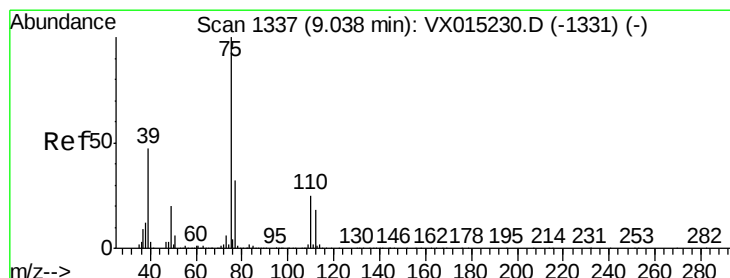
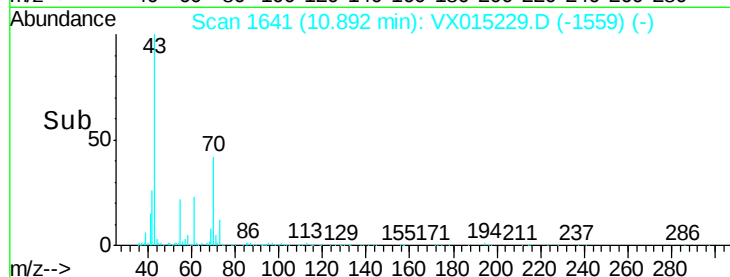
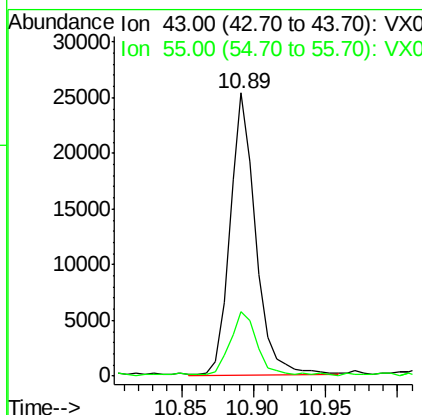
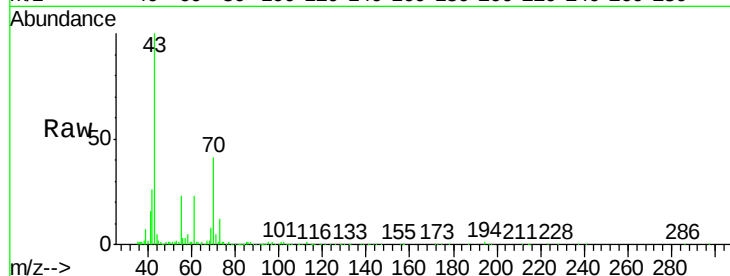
#47  
n-amvl Acetate  
Concen: 5.412 ug/l  
RT: 10.89 min Scan# 1641  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 43   | Resp  | 31717 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 55        | 22.7 | 20.4  | 30.6  |

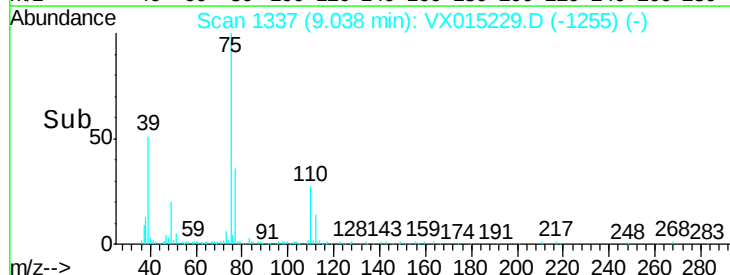
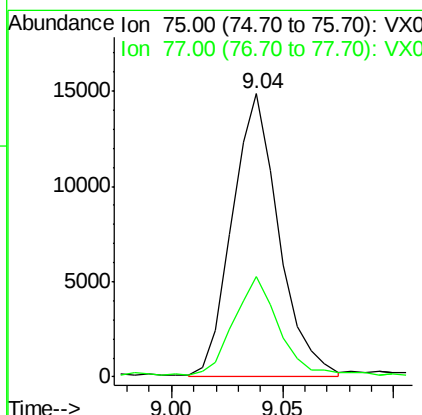
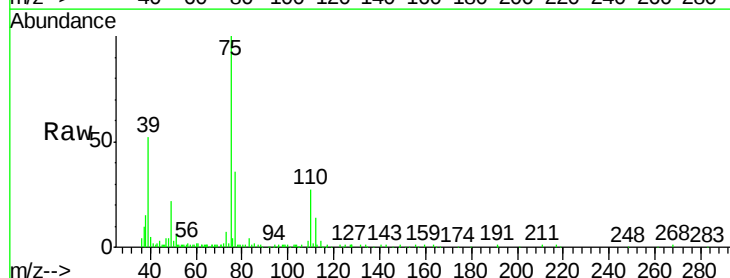
Manual Integrations  
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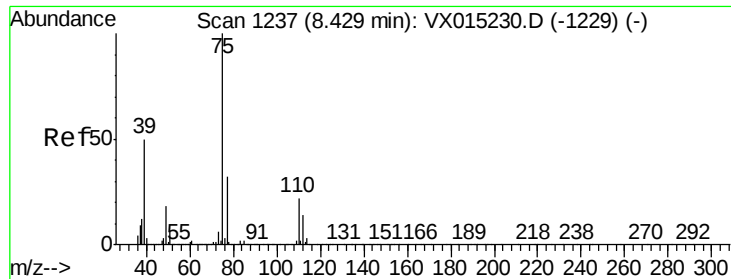
MMDadoda  
3/16/2020 11:43:31 AM



#48  
t-1,3-Dichloropropene  
Concen: 4.919 ug/l  
RT: 9.04 min Scan# 1337  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion   | 75   | Resp  | 21542 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 77        | 35.0 | 25.1  | 37.7  |





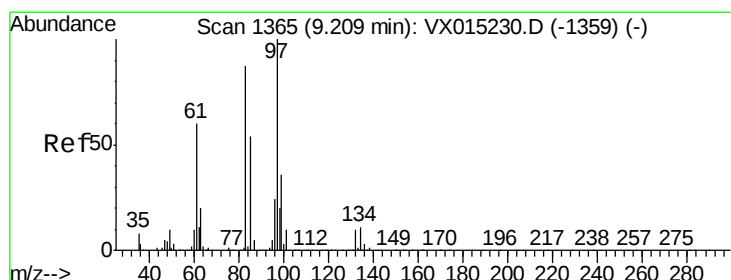
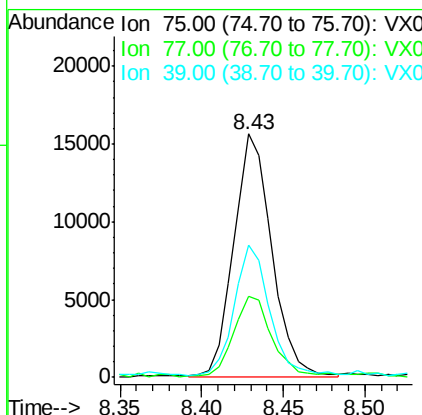
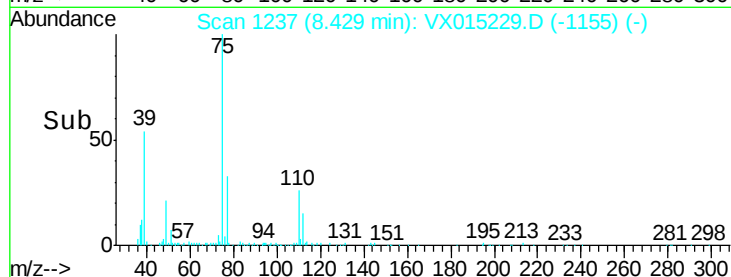
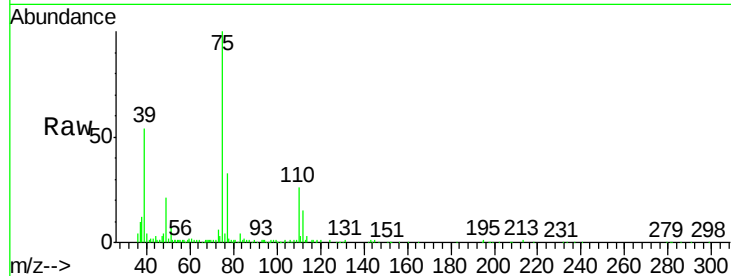
#49  
 cis-1,3-Dichloropropene  
 Concen: 5.253 ug/l  
 RT: 8.43 min Scan# 1237  
 Delta R.T. 0.00 min  
 Lab File: VX015229.D  
 Acq: 12 Mar 2020 11:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 25325 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 32.6  | 25.3  | 37.9  |
| 39        | 54.0  | 39.8  | 59.6  |

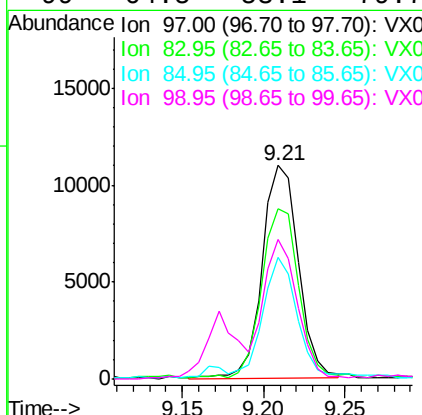
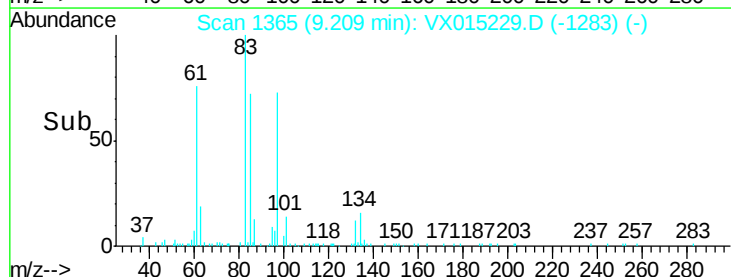
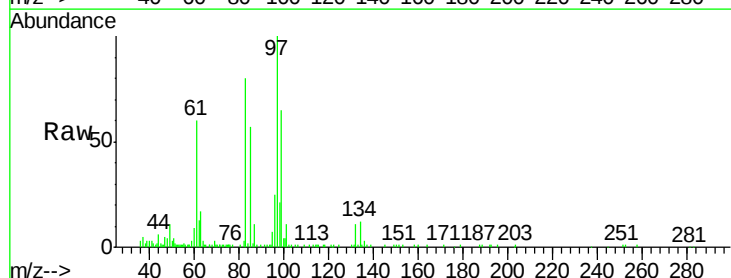
Manual Integrations  
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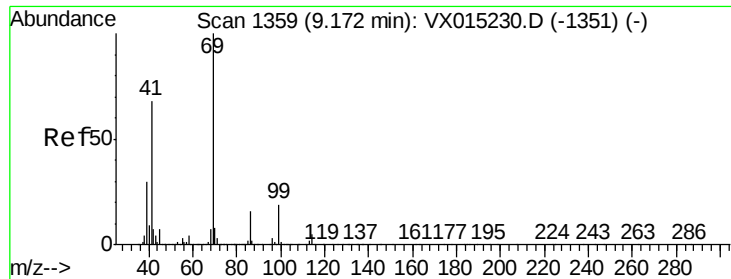
MMDadoda  
 3/16/2020 11:43:31 AM



#50  
 1,1,2-Trichloroethane  
 Concen: 5.700 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: VX015229.D  
 Acq: 12 Mar 2020 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 16970 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 83        | 79.7  | 69.7  | 104.5 |
| 85        | 56.1  | 45.4  | 68.0  |
| 99        | 64.5  | 53.1  | 79.7  |





#51

Ethyl methacrylate

Concen: 5.092 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

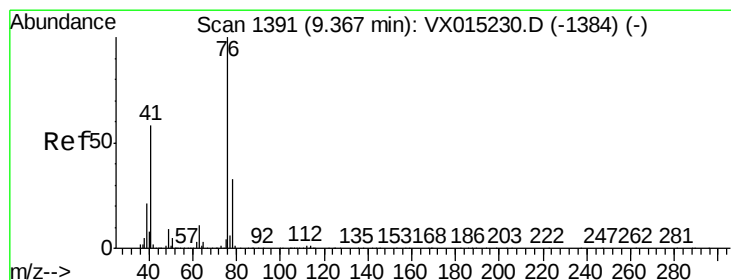
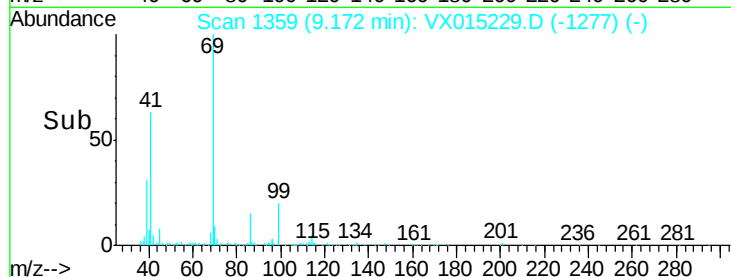
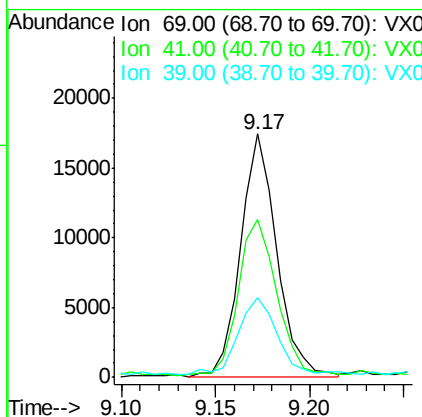
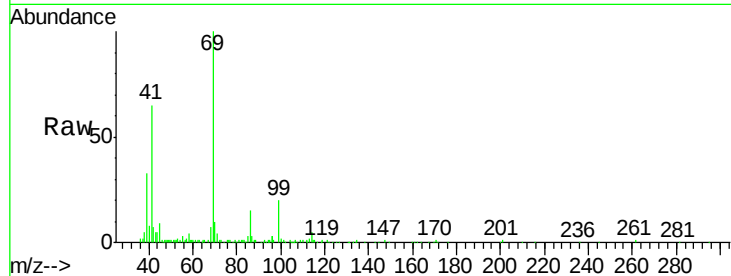
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 69    | Resp: | 23398 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 63.7  | 33.8  | 101.3 |
| 39       | 31.5  | 15.1  | 45.3  |

Manual Integrations  
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3/16/2020 11:43:31 AM



#52

1,3-Dichloropropane

Concen: 5.592 ug/l

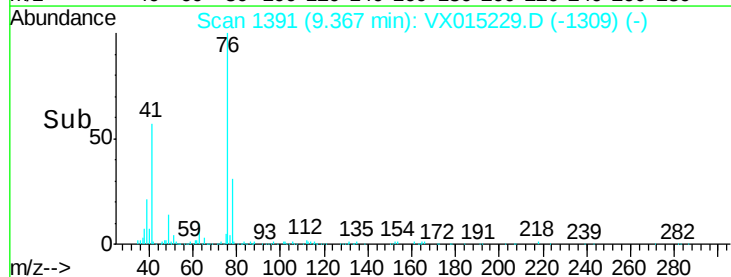
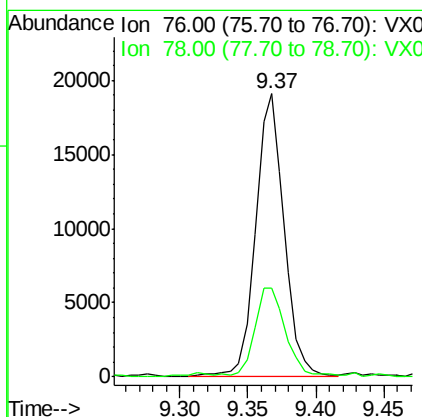
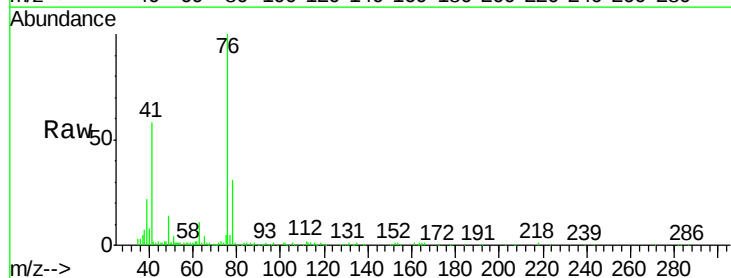
RT: 9.37 min Scan# 1391

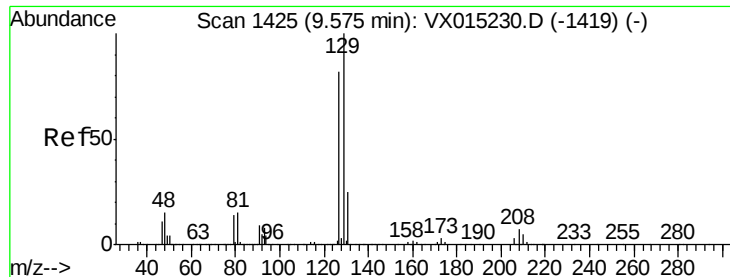
Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 28163 |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 32.7  | 0.0   | 65.2  |





#53

Dibromochloromethane

Concen: 5.103 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:129 Resp: 16424

Ion Ratio Lower Upper

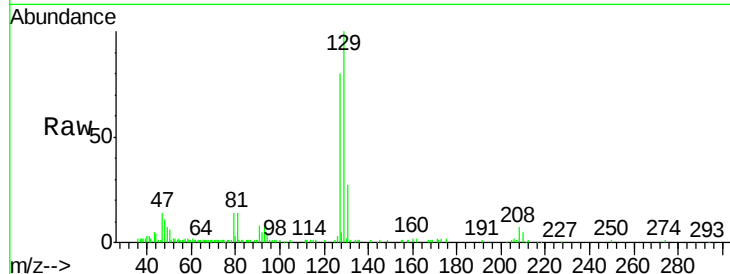
129 100

127 78.9 40.4 121.1

Manual Integrations  
APPROVED

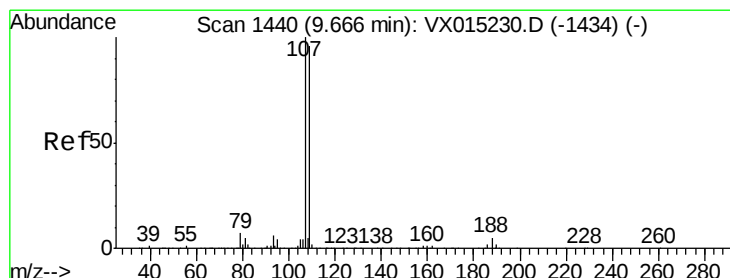
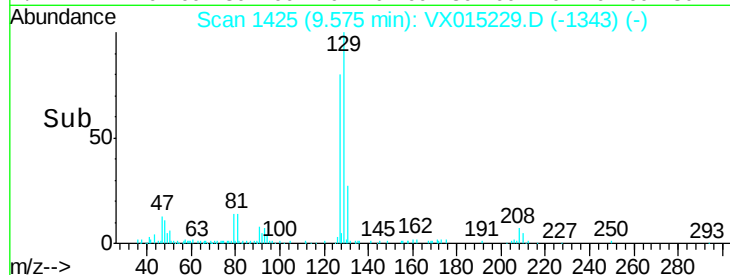
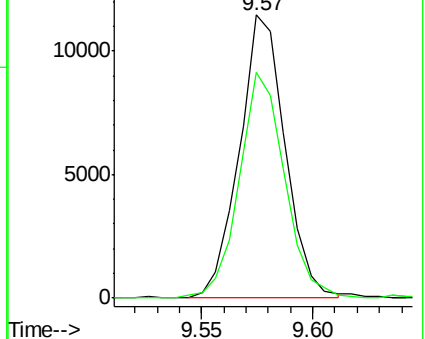
MMDadoda

3/16/2020 11:43:31 AM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 5.183 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015229.D

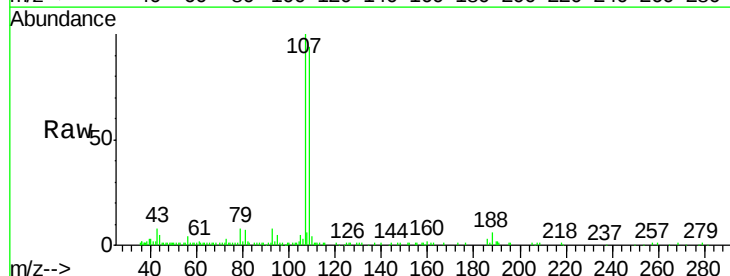
Acq: 12 Mar 2020 11:53

Tgt Ion:107 Resp: 16383

Ion Ratio Lower Upper

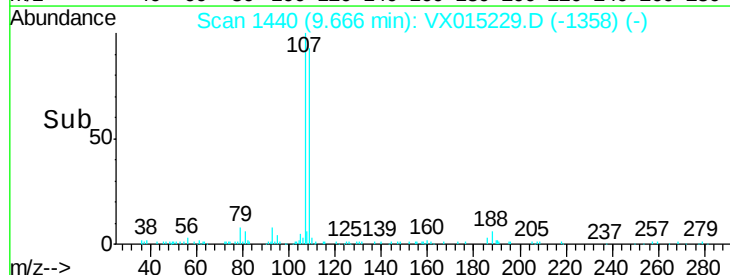
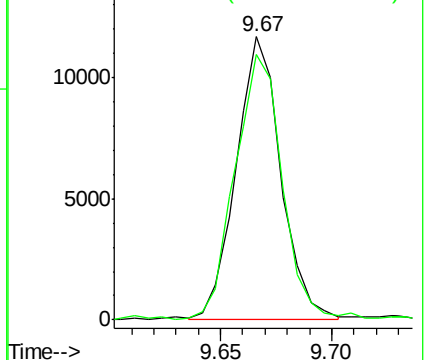
107 100

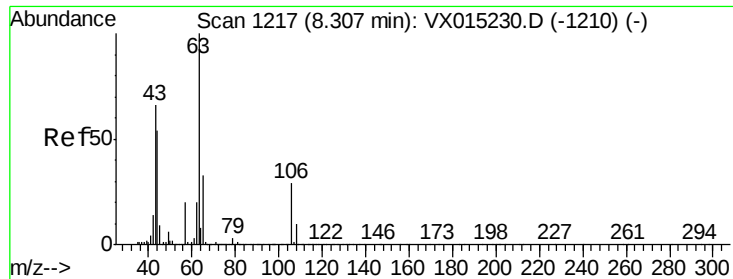
109 98.8 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 23.445 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

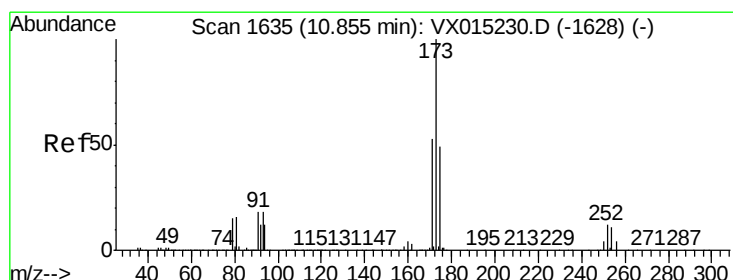
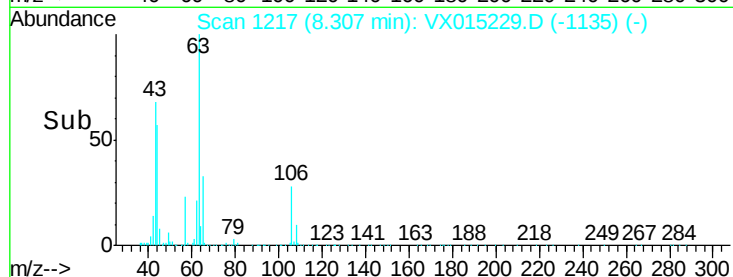
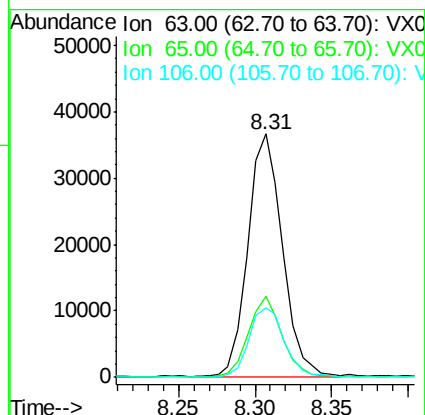
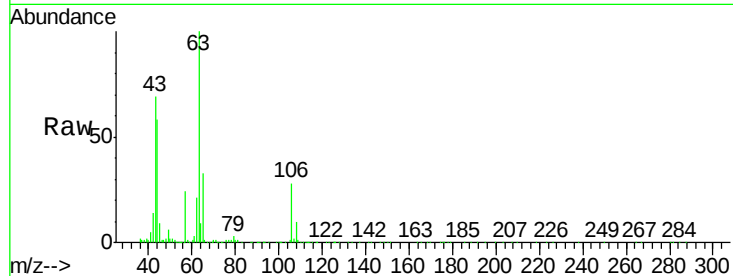
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 63    | Resp: | 57385 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 32.8  | 25.6  | 38.4  |
| 106      | 29.5  | 23.0  | 34.4  |

Manual Integrations  
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MMDadoda  
3/16/2020 11:43:31 AM



#56

Bromoform

Concen: 4.921 ug/l

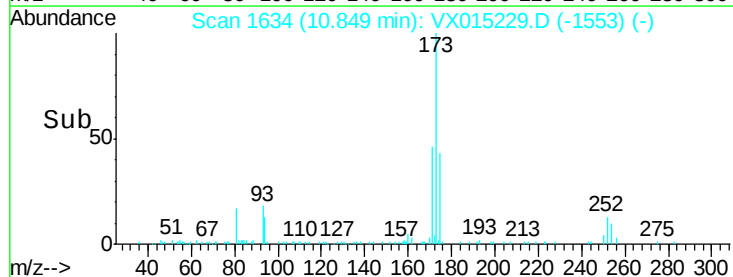
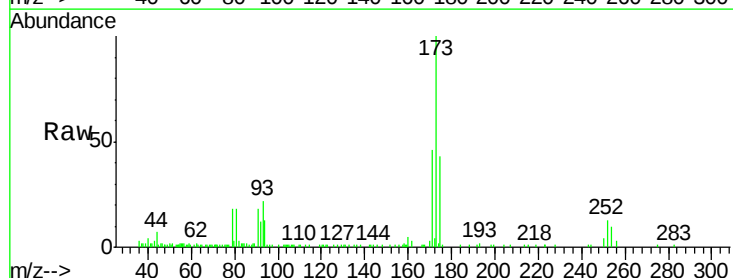
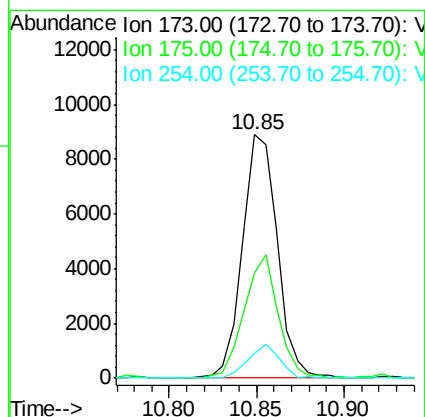
RT: 10.85 min Scan# 1634

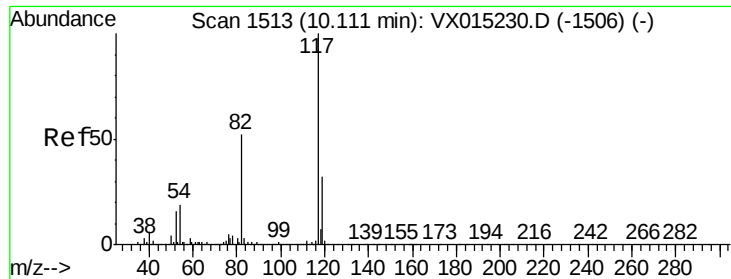
Delta R.T. -0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 12417 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 49.2  | 38.9  | 58.3  |
| 254      | 12.0  | 9.1   | 13.7  |





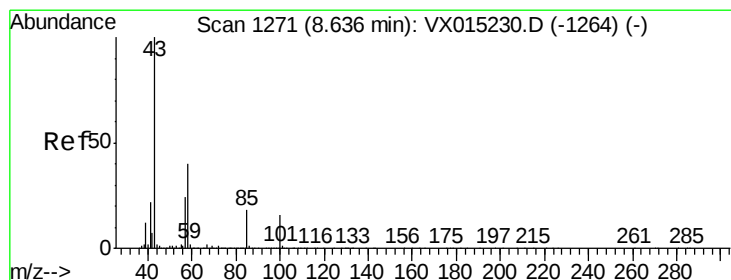
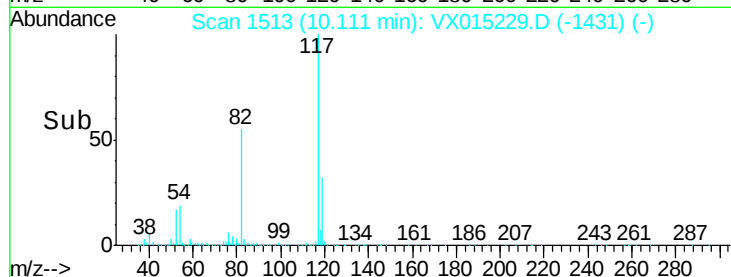
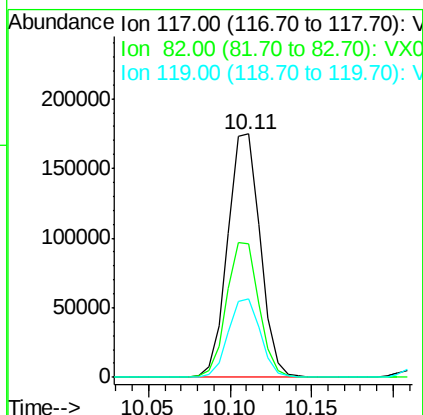
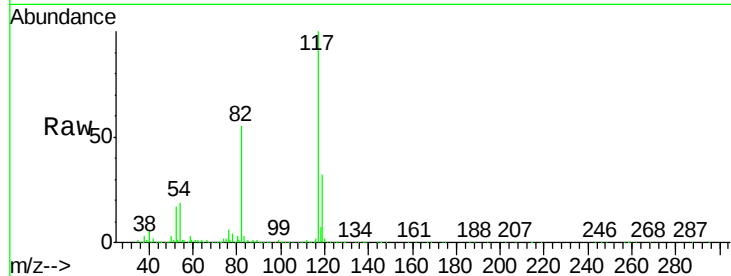
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.3  | 43.2  | 64.8  |
| 119     | 32.0  | 25.8  | 38.8  |

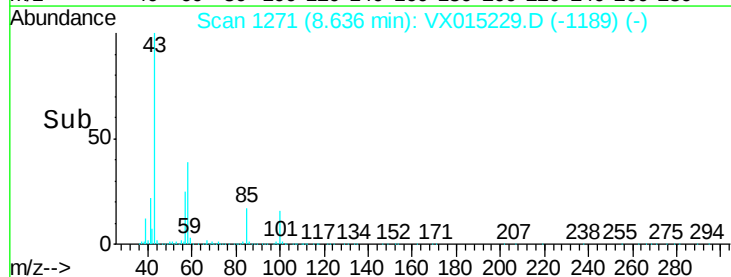
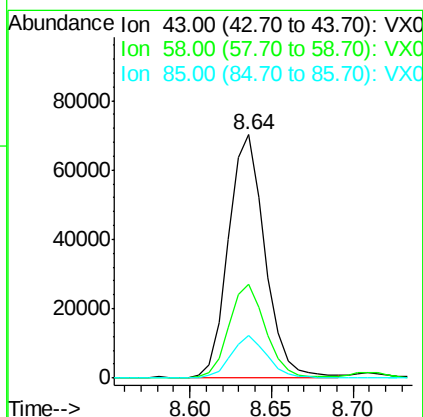
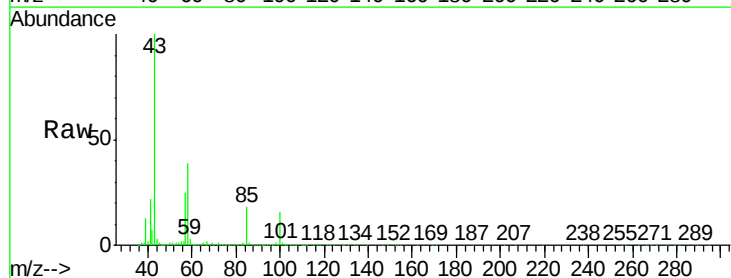
Manual Integrations  
APPROVED

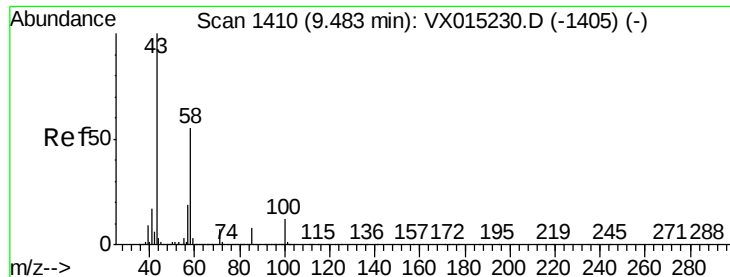
MMDadoda  
3/16/2020 11:43:31 AM



#58  
4-Methyl-2-Pentanone  
Concen: 27.332 ug/l  
RT: 8.64 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.0  | 31.6  | 47.4  |
| 85      | 17.2  | 13.8  | 20.8  |





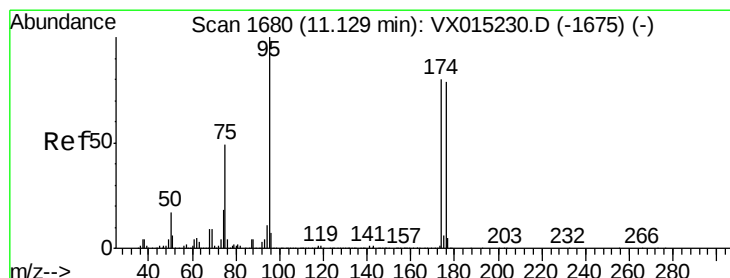
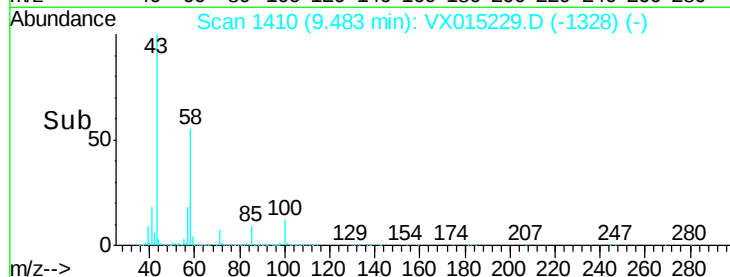
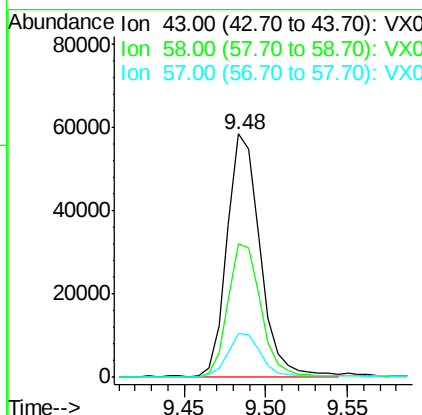
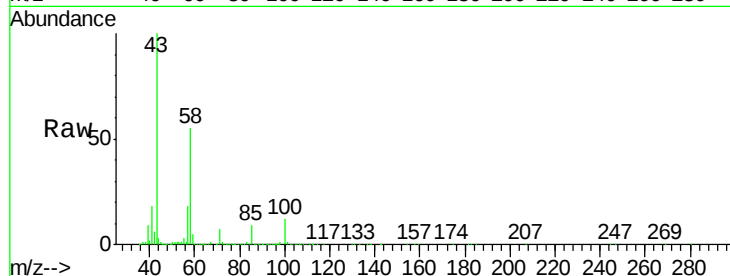
#59  
2-Hexanone  
Concen: 26.256 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 55.8  | 44.6  | 66.8  |
| 57      | 18.2  | 14.6  | 21.8  |

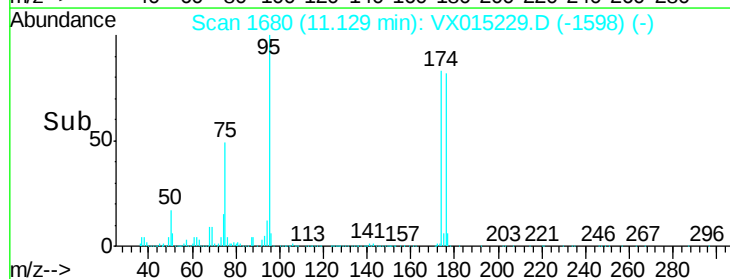
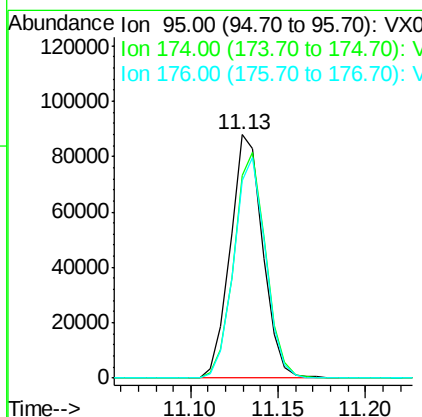
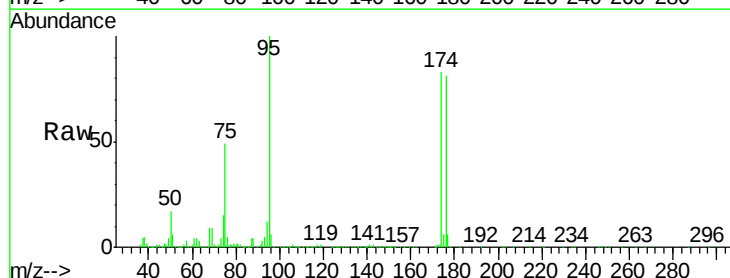
Manual Integrations  
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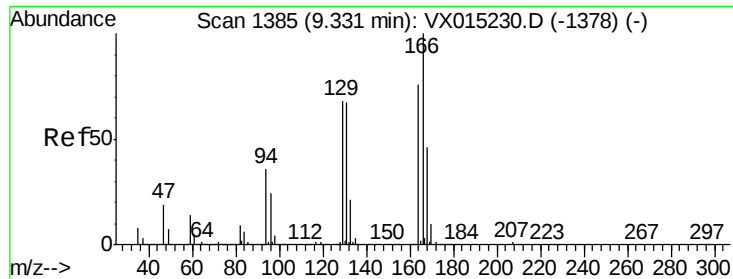
MMDadoda  
3/16/2020 11:43:31 AM



#60  
4-Bromofluorobenzene  
Concen: 30.009 ug/l  
RT: 11.13 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 90.6  | 72.0  | 108.0 |
| 176     | 88.5  | 70.1  | 105.1 |





#61

Tetrachloroethene

Concen: 5.993 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

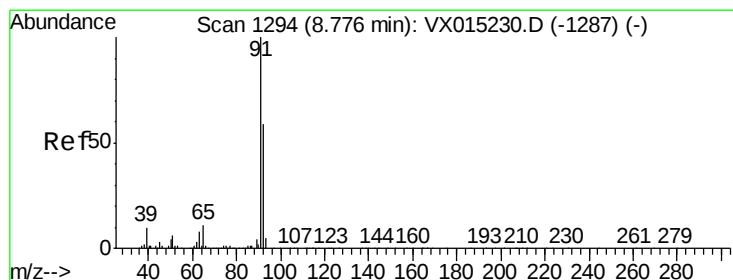
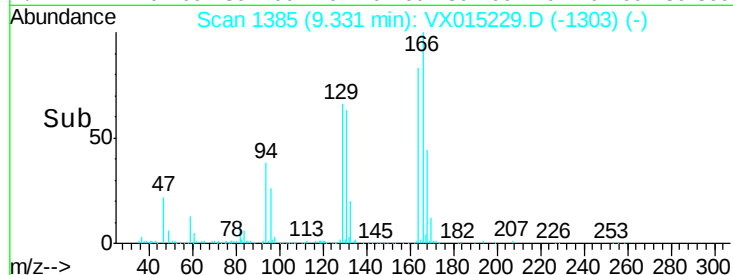
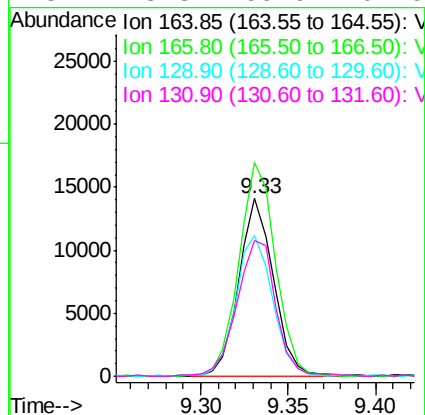
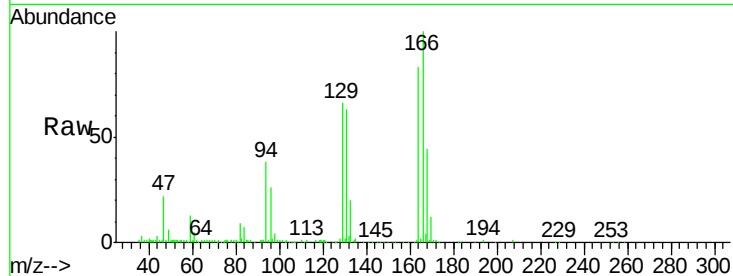
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 164   | Resp: | 19550 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 120.1 | 105.1 | 157.7 |
| 129      | 78.3  | 71.5  | 107.3 |
| 131      | 75.3  | 69.9  | 104.9 |

Manual Integrations  
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MMDadoda  
3/16/2020 11:43:31 AM



#62

Toluene

Concen: 5.806 ug/l

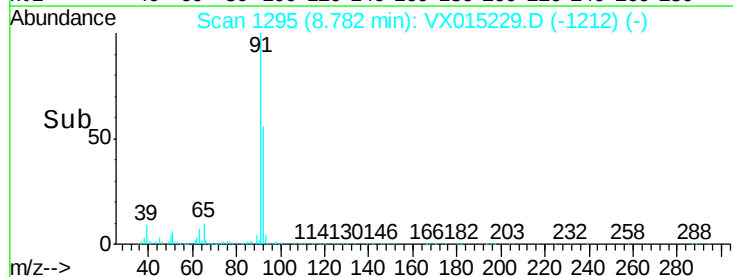
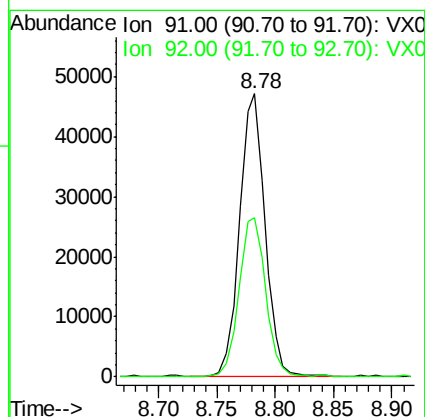
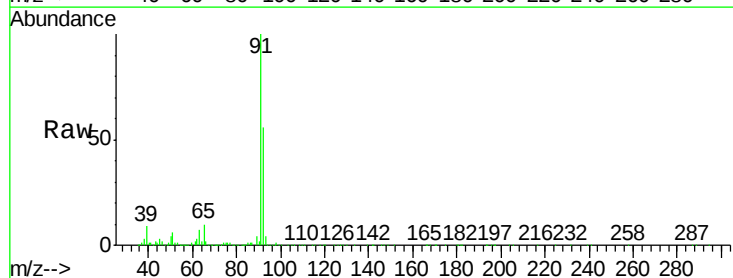
RT: 8.78 min Scan# 1295

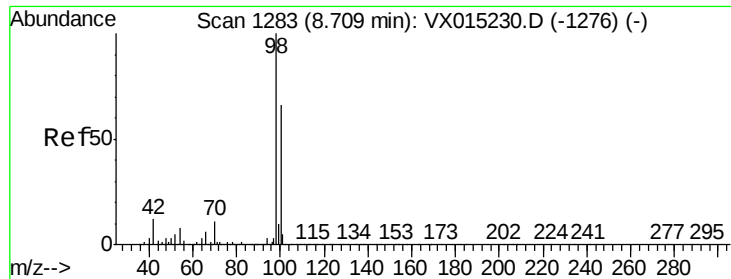
Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 72227 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 58.3  | 47.1  | 70.7  |





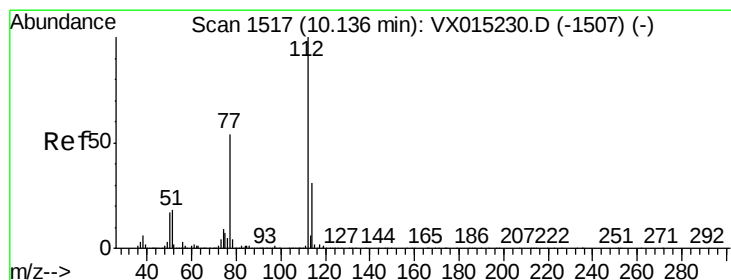
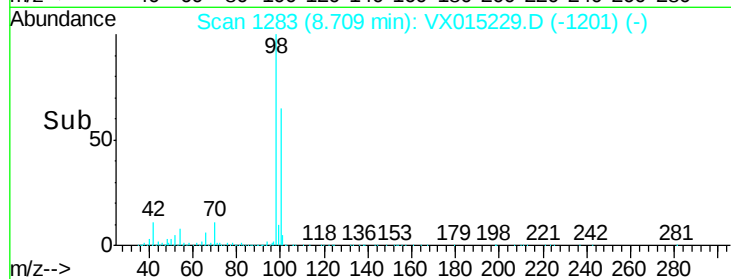
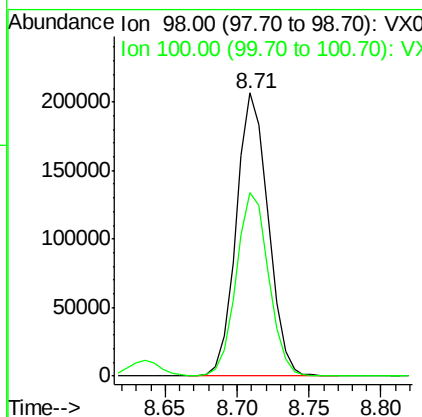
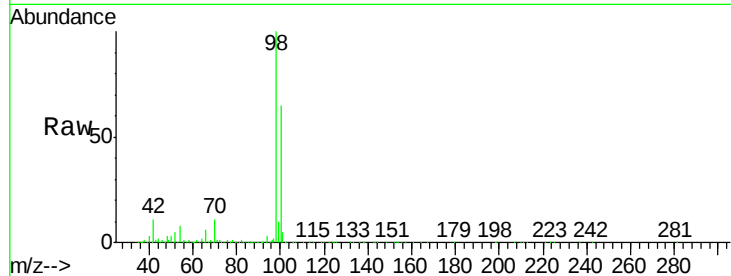
#63  
Toluene-d8  
Concen: 30.103 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tot Ion: 98 Resp: 318823  
Ion Ratio Lower Upper  
98 100  
100 65.3 53.0 79.4

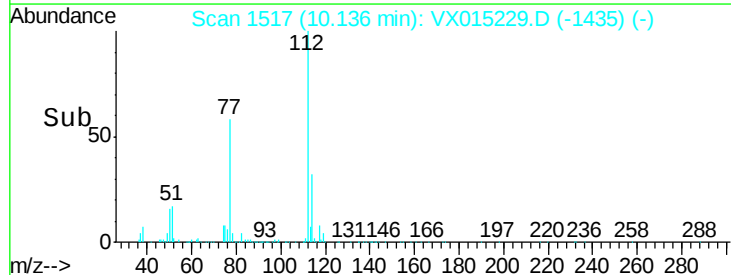
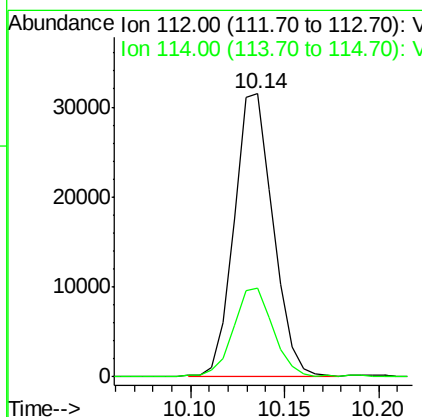
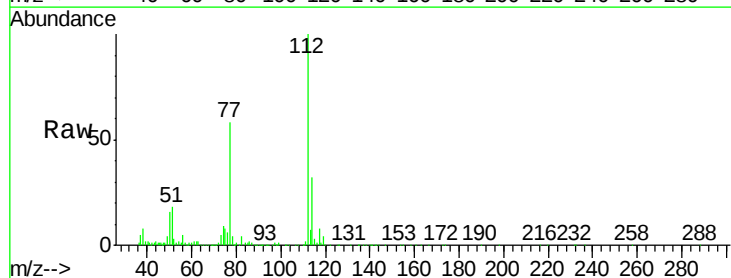
Manual Integrations  
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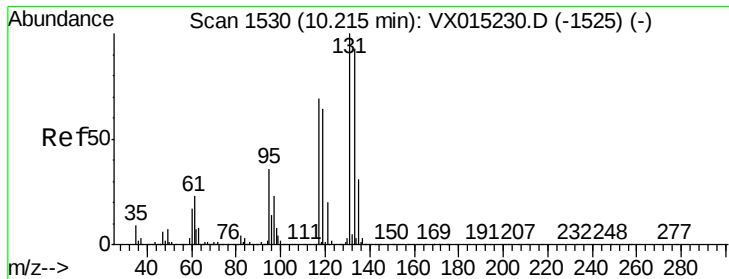
MMDadoda  
3/16/2020 11:43:31 AM



#64  
Chlorobenzene  
Concen: 5.662 ug/l  
RT: 10.14 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Tgt Ion: 112 Resp: 44953  
Ion Ratio Lower Upper  
112 100  
114 31.4 24.8 37.2





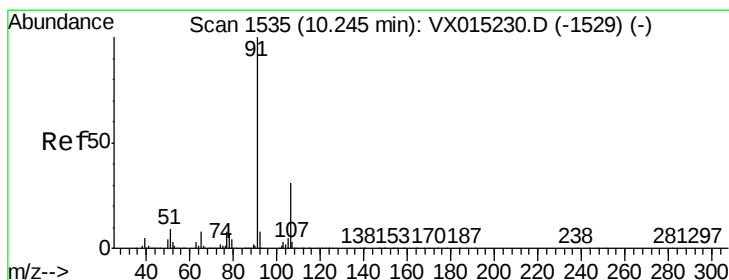
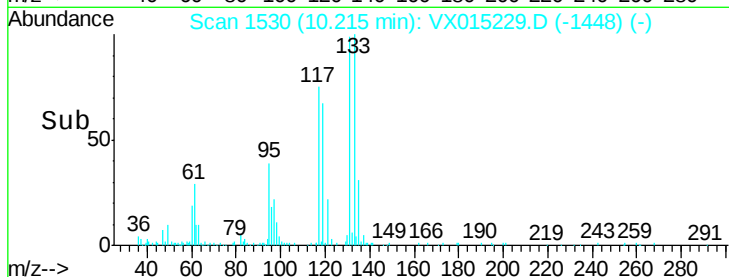
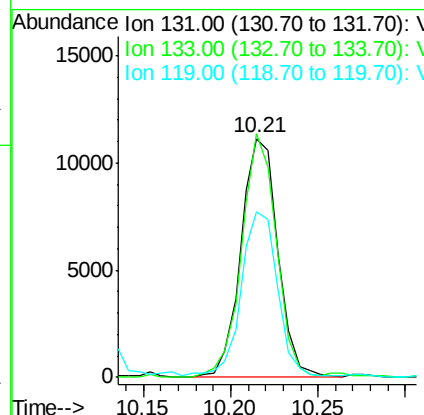
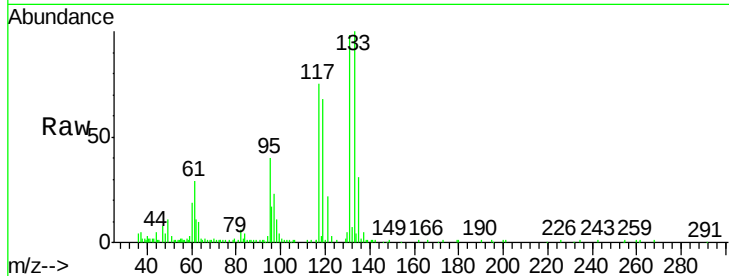
#65  
 1,1,1,2-Tetrachloroethane  
 Concen: 5.549 ug/l  
 RT: 10.21 min Scan# 1530  
 Delta R.T. 0.00 min  
 Lab File: VX015229.D  
 Acq: 12 Mar 2020 11:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 131     | 100   | 16321 |       |       |
| 133     | 95.9  | 0.0   | 188.0 |       |
| 119     | 68.9  | 0.0   | 131.0 |       |

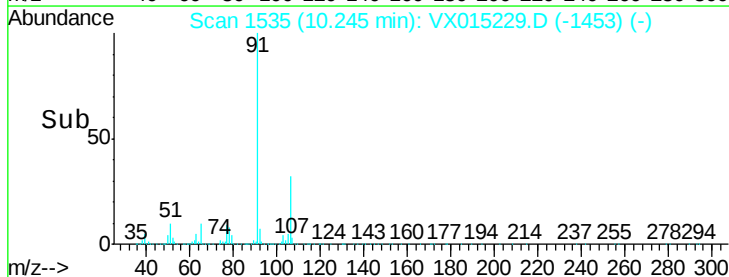
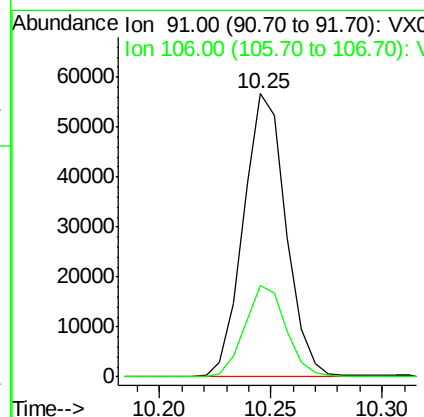
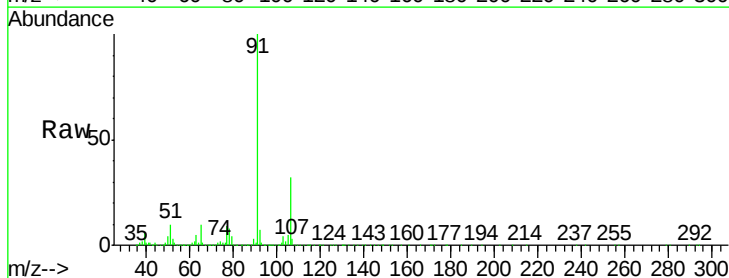
Manual Integrations  
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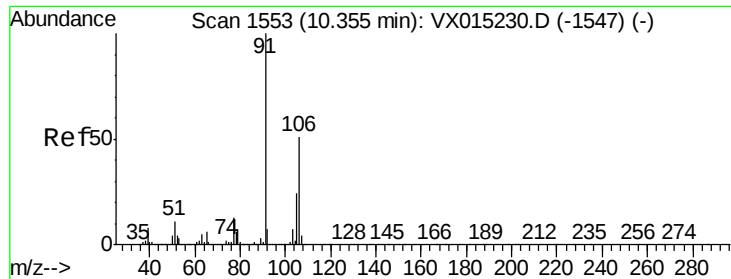
MMDadoda  
 3/16/2020 11:43:31 AM



#66  
 Ethyl Benzene  
 Concen: 5.511 ug/l  
 RT: 10.25 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: VX015229.D  
 Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 91      | 100   | 75522 |       |       |
| 106     | 32.0  | 24.9  | 37.3  |       |





#67

m/p-Xylenes

Concen: 11.045 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:106 Resp: 58365

Ion Ratio Lower Upper

106 100

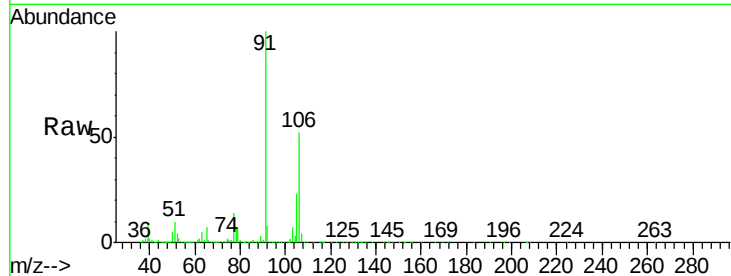
91 196.3 160.1 240.1

Manual Integrations

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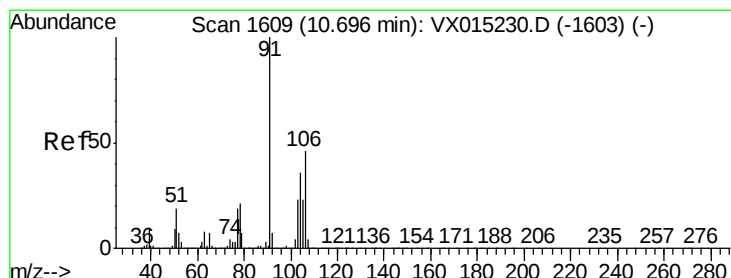
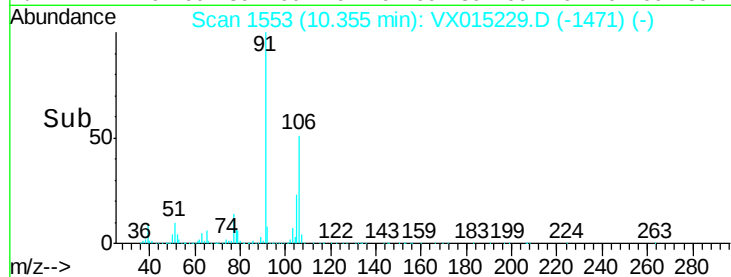
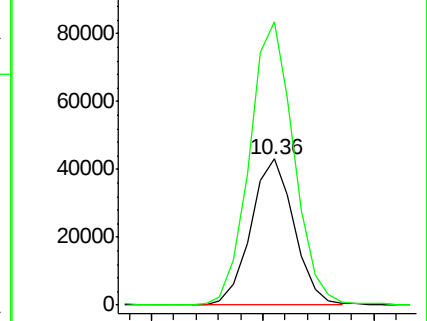
MMDadoda

3/16/2020 11:43:31 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 5.524 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX015229.D

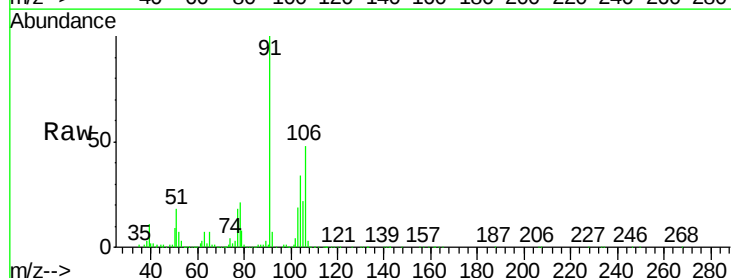
Acq: 12 Mar 2020 11:53

Tgt Ion:106 Resp: 28244

Ion Ratio Lower Upper

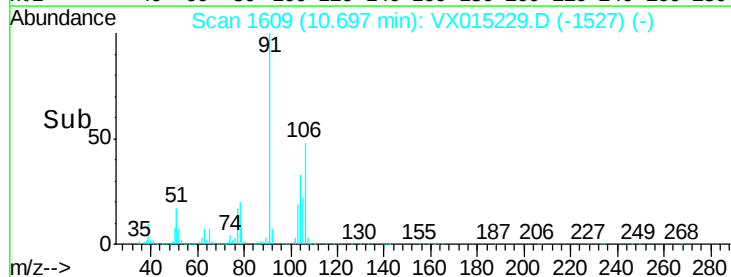
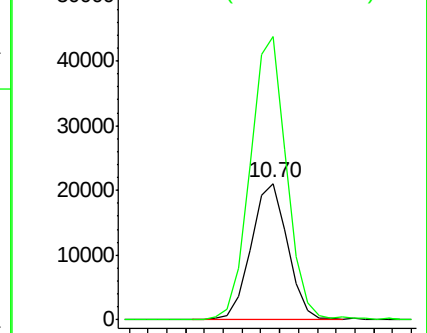
106 100

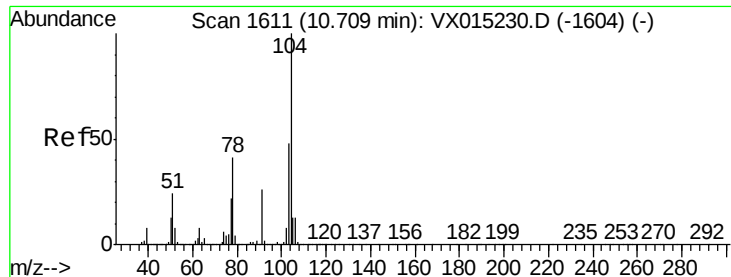
91 203.6 106.4 319.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





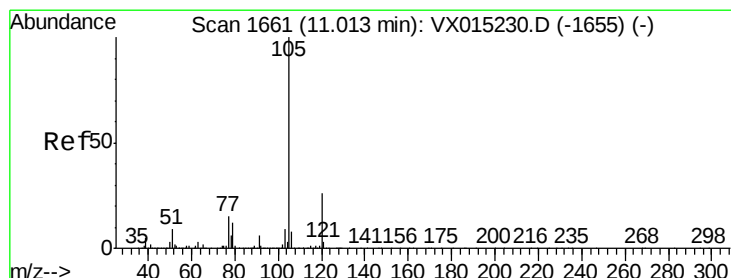
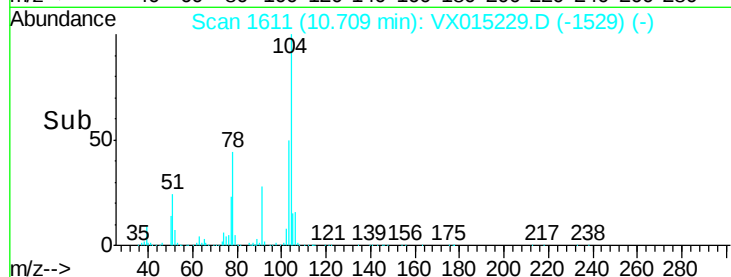
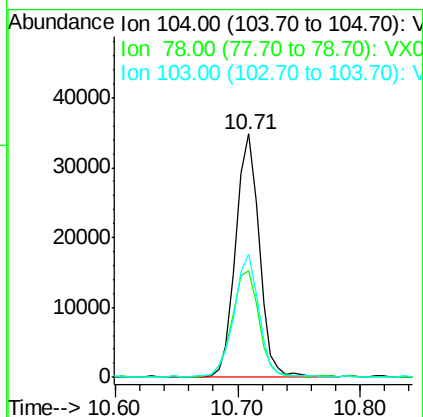
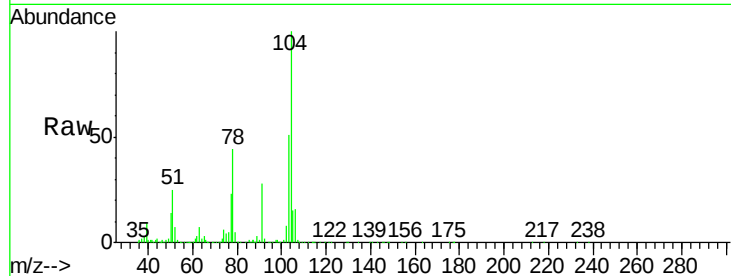
#69  
Stvrene  
Concen: 5.322 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 50.1  | 38.9  | 58.3  |
| 103     | 53.9  | 43.2  | 64.8  |

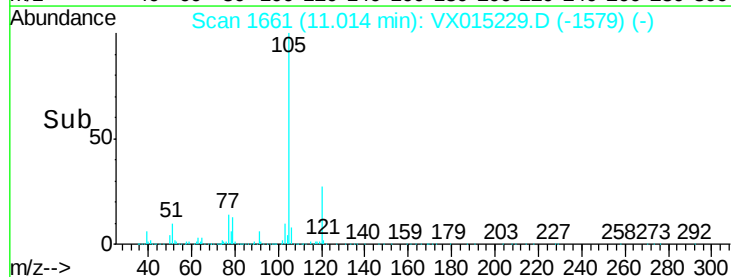
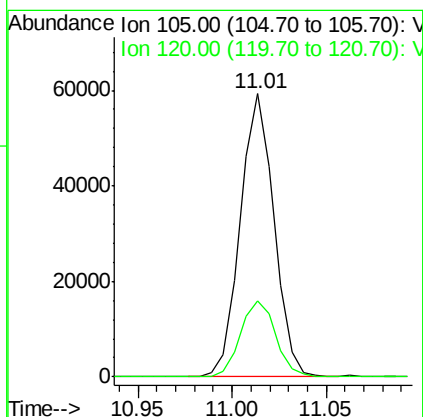
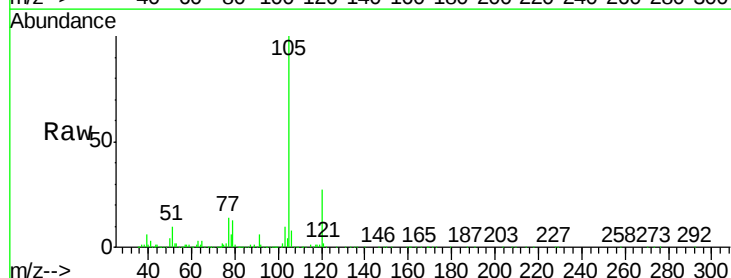
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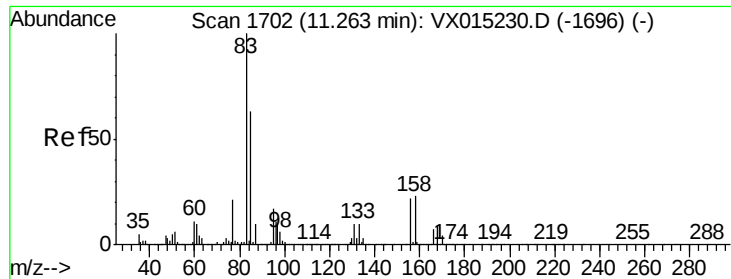
MMDadoda  
3/16/2020 11:43:31 AM



#70  
Isopropylbenzene  
Concen: 5.441 ug/l  
RT: 11.01 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.8  | 18.6  | 34.6  |





#71

1,1,2,2-Tetrachloroethane

Concen: 5.625 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

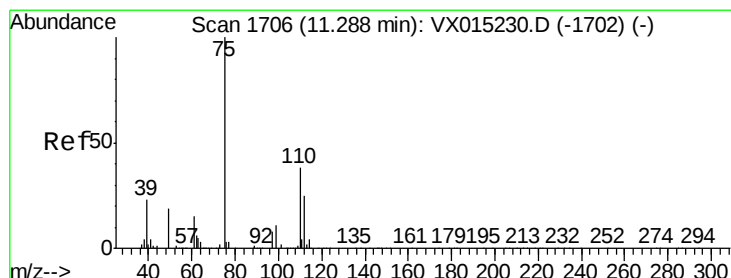
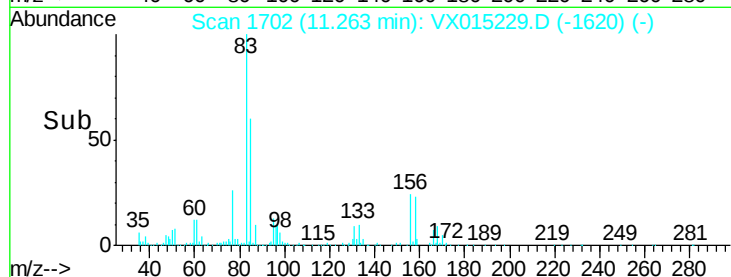
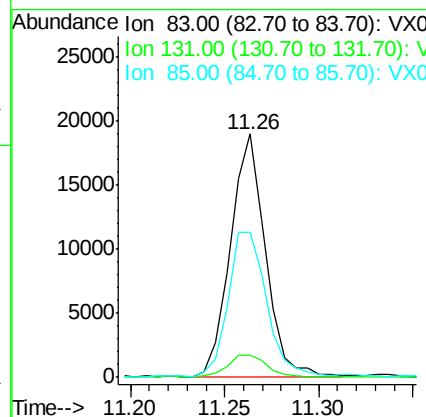
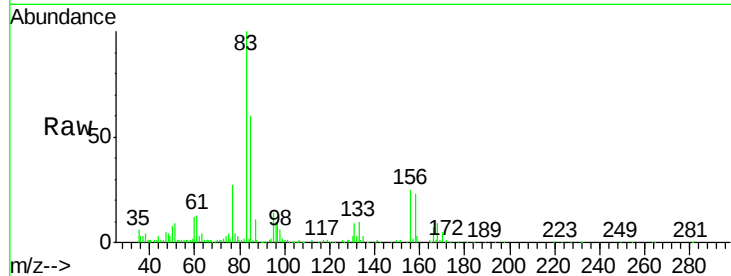
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 24598 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.7  | 5.0   | 14.9  |
| 85        | 65.4  | 31.8  | 95.4  |

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#72

1,2,3-Trichloropropane

Concen: 5.553 ug/l m

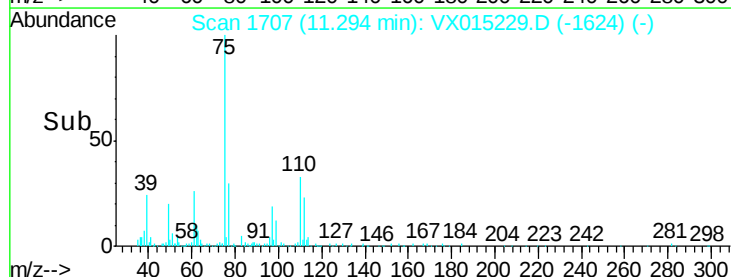
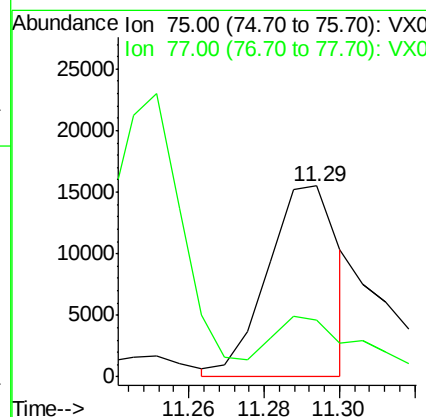
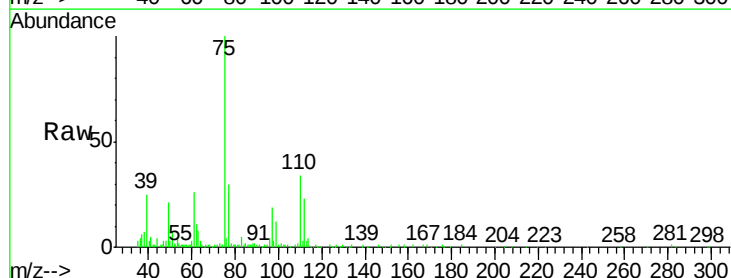
RT: 11.29 min Scan# 1707

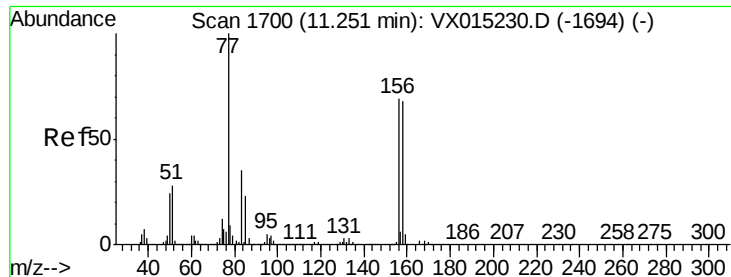
Delta R.T. 0.01 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 20143 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 38.7  | 0.0   | 83.0  |





#73

Bromobenzene

Concen: 5.522 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

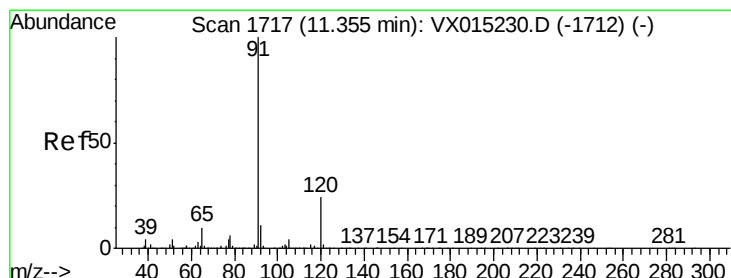
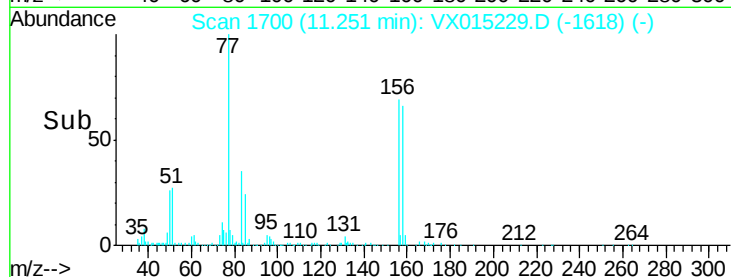
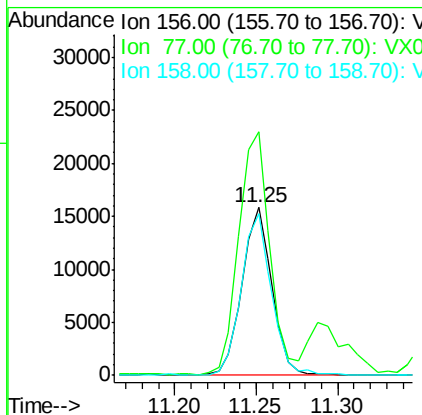
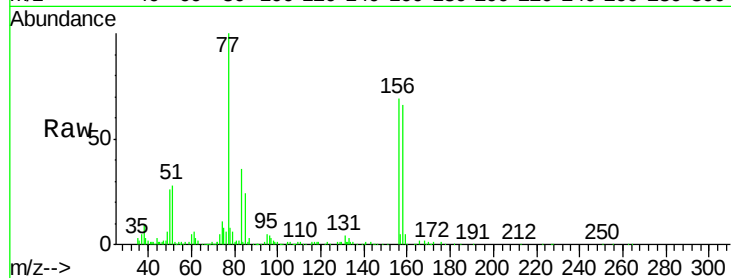
ClientSampleId :

VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 151.1 | 0.0   | 305.0 |
| 158     | 97.5  | 0.0   | 197.2 |

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#74

n-propylbenzene

Concen: 5.489 ug/l

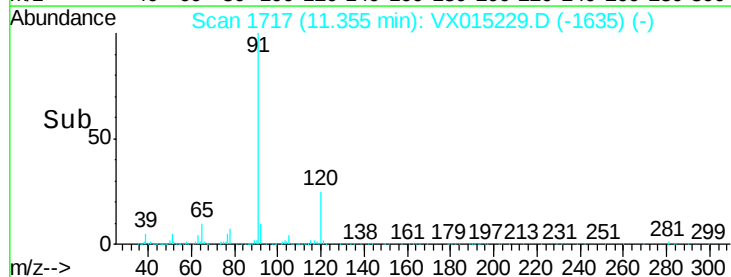
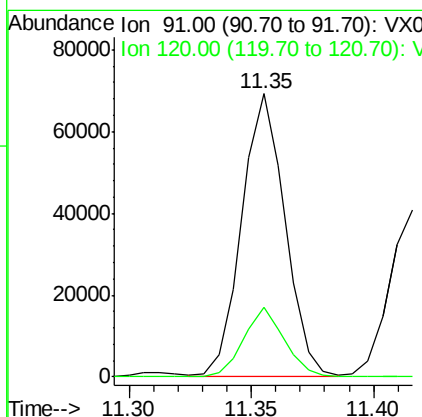
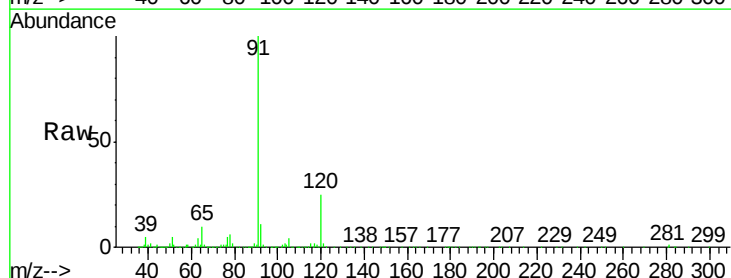
RT: 11.35 min Scan# 1717

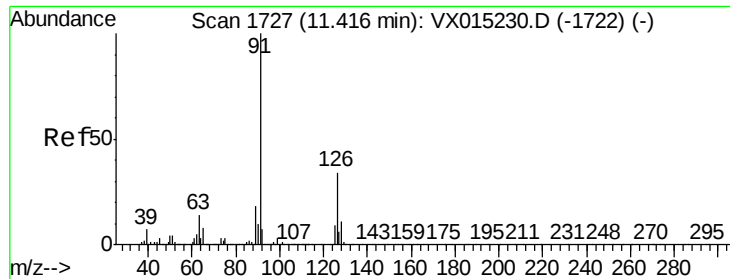
Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.3  | 0.0   | 47.0  |





#75

2-Chlorotoluene

Concen: 5.561 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 50798

Ion Ratio Lower Upper

91 100

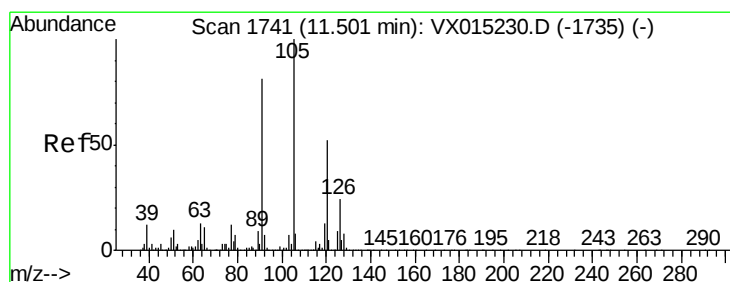
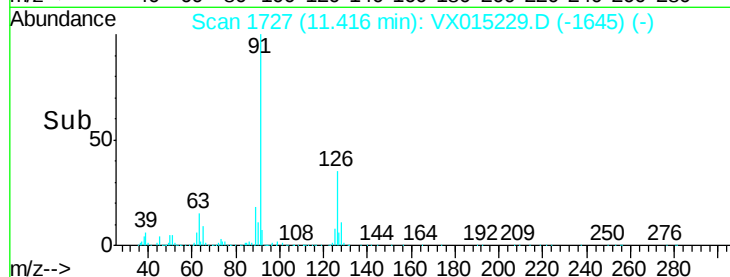
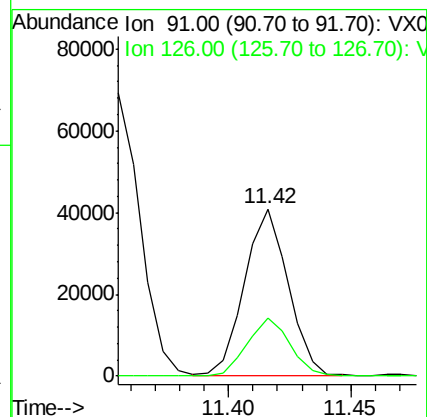
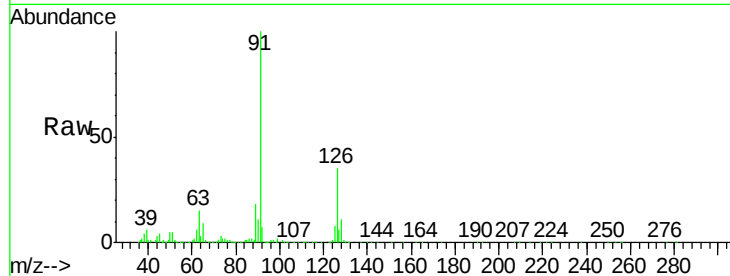
126 34.2 0.0 69.8

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#76

1,3,5-Trimethylbenzene

Concen: 5.547 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015229.D

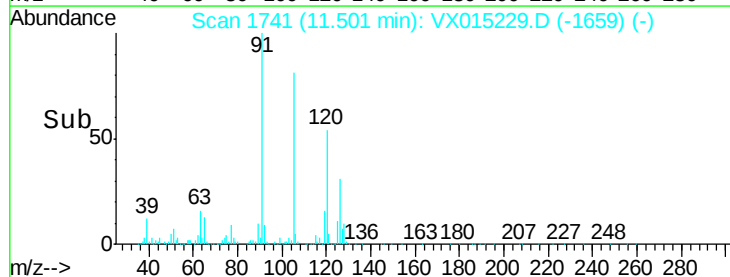
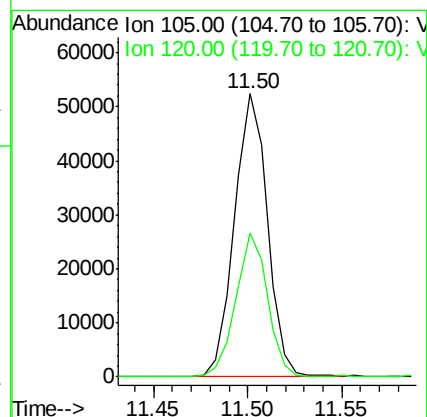
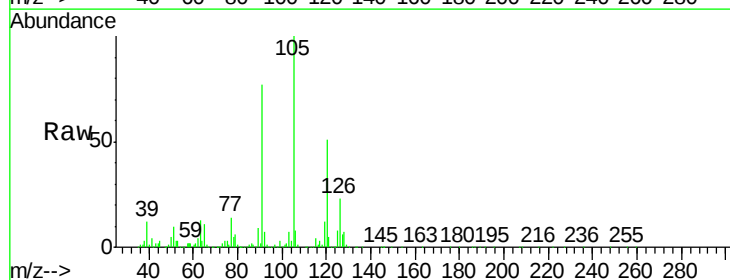
Acq: 12 Mar 2020 11:53

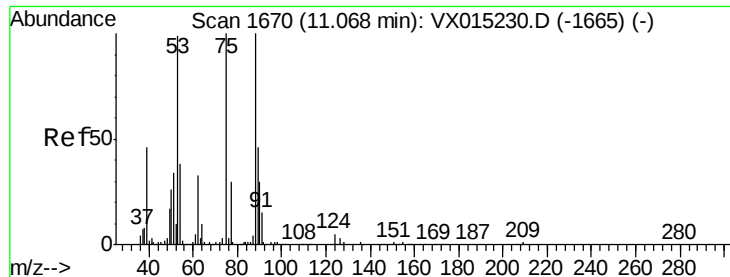
Tgt Ion: 105 Resp: 63134

Ion Ratio Lower Upper

105 100

120 49.3 0.0 101.2





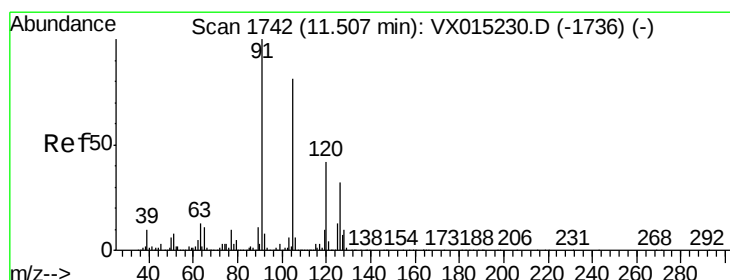
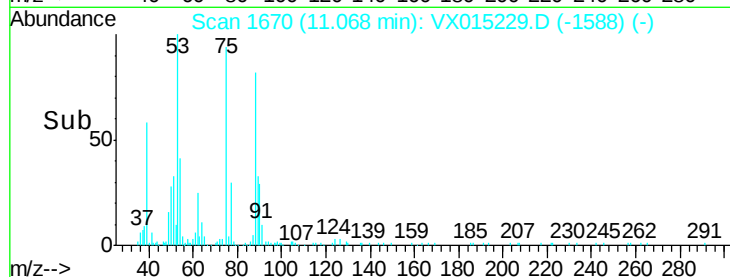
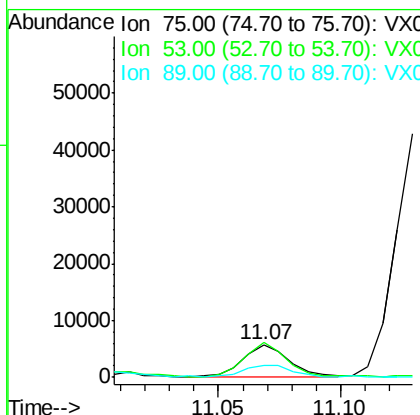
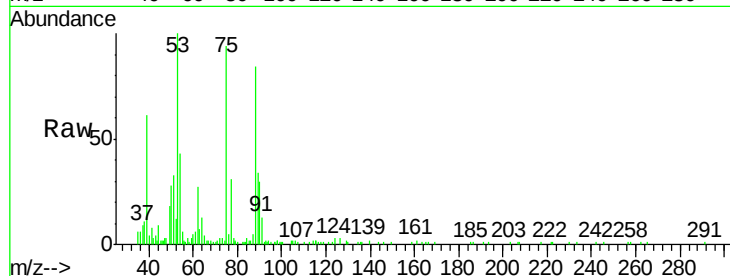
#77  
t-1,4-Dichloro-2-butene  
Concen: 5.159 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 105.3 | 49.5  | 148.3 |
| 89      | 33.2  | 22.9  | 68.8  |

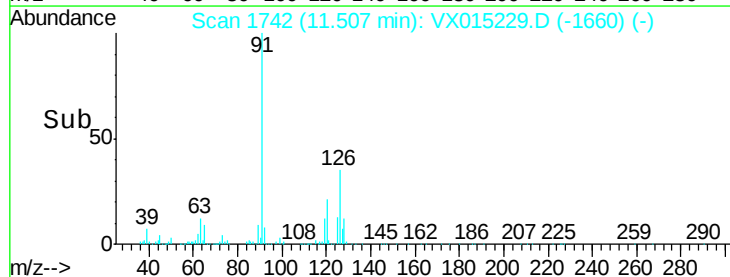
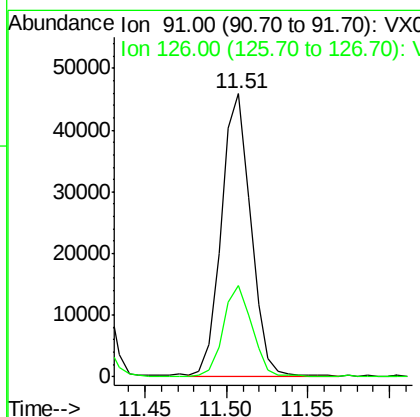
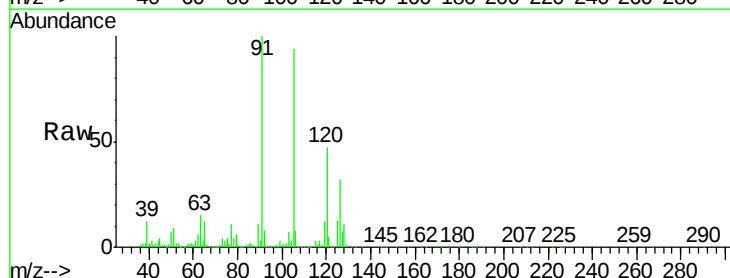
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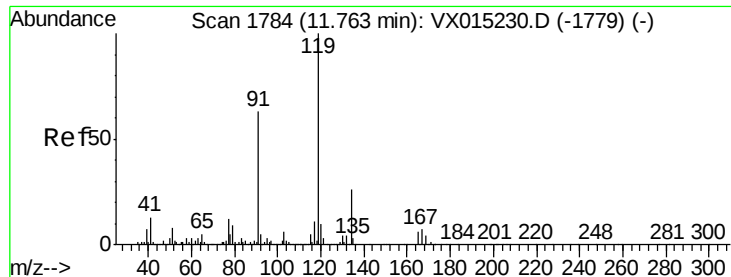
MMDadoda  
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#78  
4-Chlorotoluene  
Concen: 5.445 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.8  | 0.0   | 61.4  |





#79

tert-butylbenzene

Concen: 5.307 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

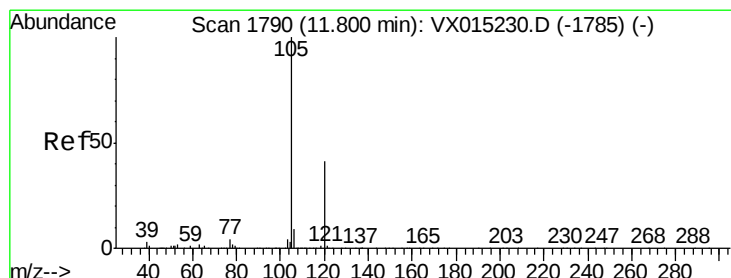
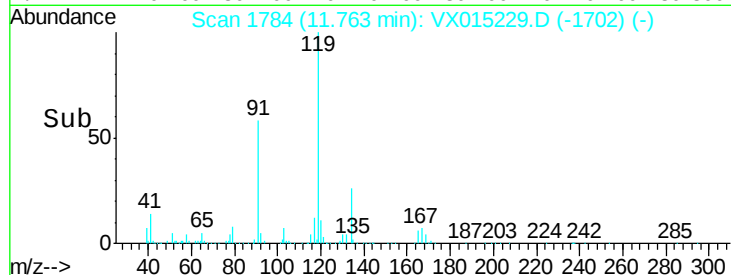
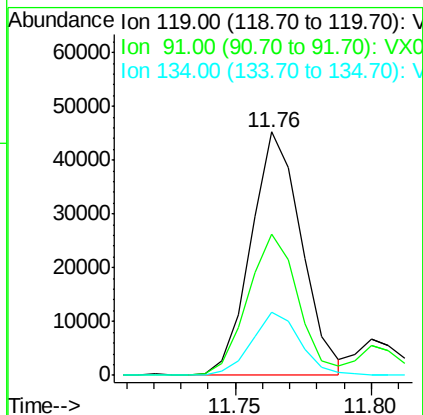
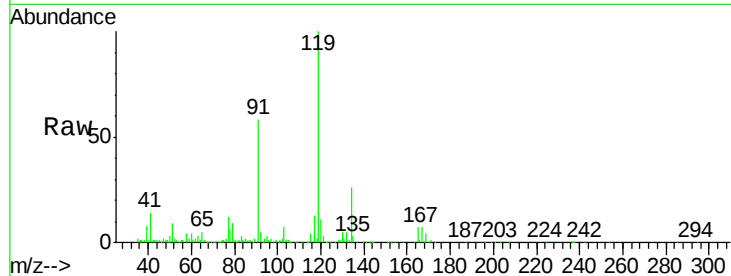
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 119   | Resp: | 58361 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 56.9  | 0.0   | 115.4 |
| 134       | 25.1  | 0.0   | 49.4  |

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#80

1,2,4-Trimethylbenzene

Concen: 5.370 ug/l

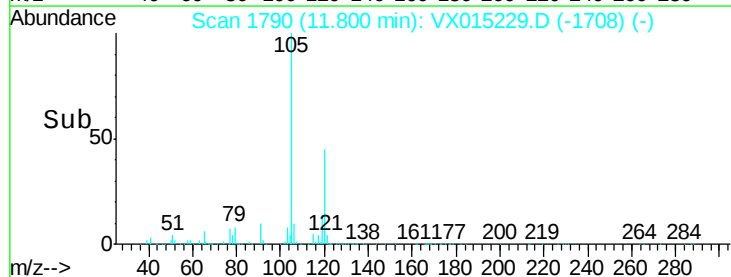
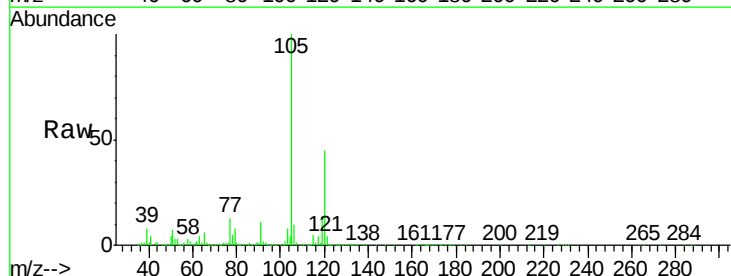
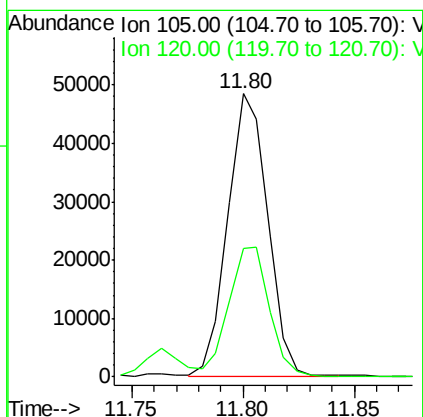
RT: 11.80 min Scan# 1790

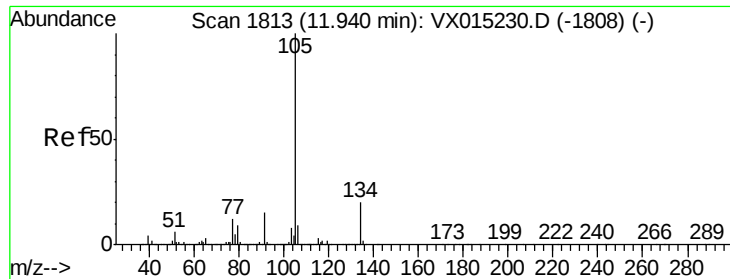
Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 60760 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 46.0  | 0.0   | 93.2  |





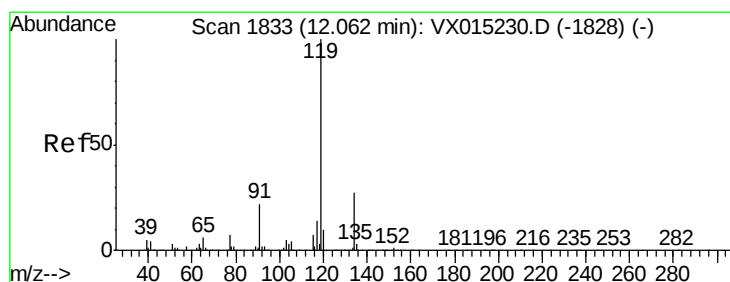
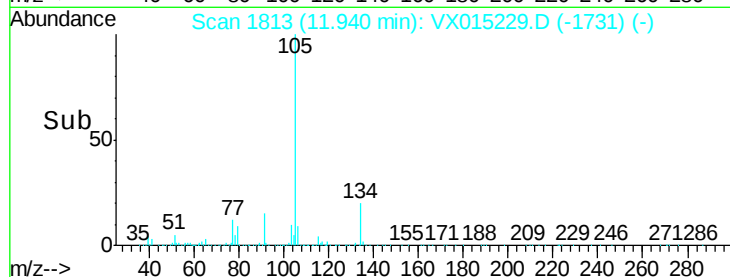
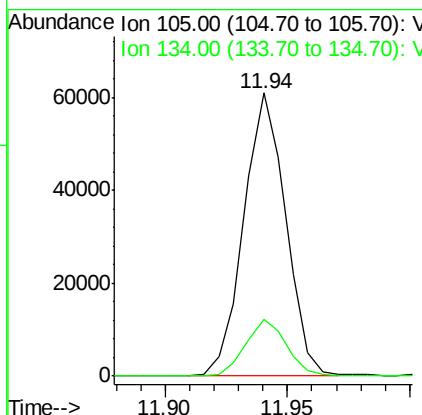
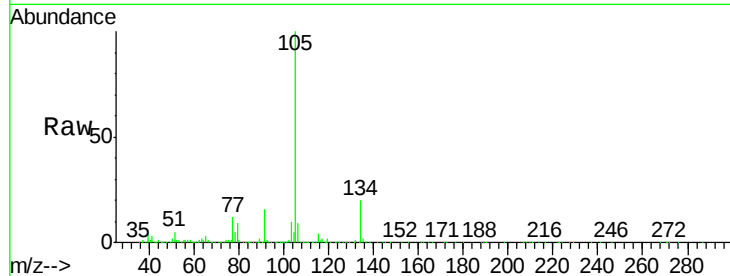
#81  
 sec-Butylbenzene  
 Concen: 5.531 ug/l  
 RT: 11.94 min Scan# 1813  
 Delta R.T. 0.00 min  
 Lab File: VX015229.D  
 Acq: 12 Mar 2020 11:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.9  | 0.0   | 40.8  |

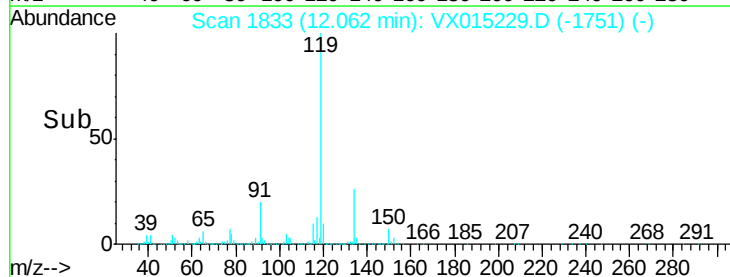
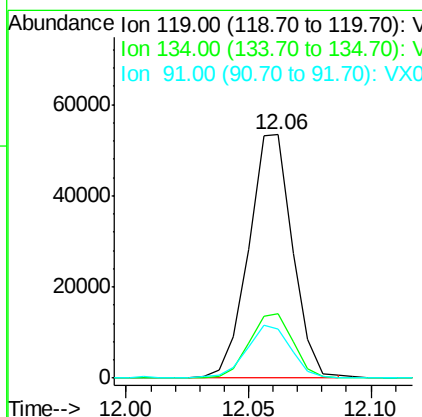
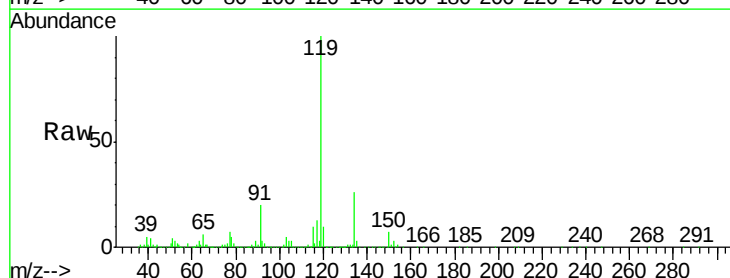
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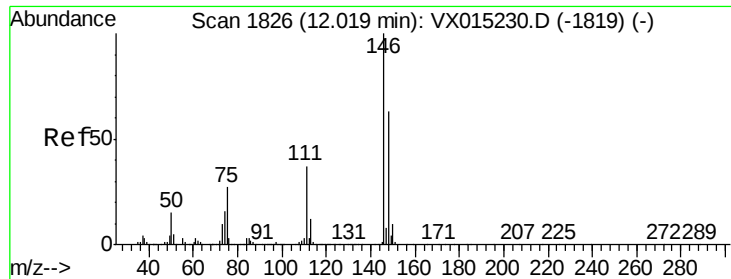
MMDadoda  
 3/16/2020 11:43:31 AM



#82  
 p-Isopropyltoluene  
 Concen: 5.466 ug/l  
 RT: 12.06 min Scan# 1833  
 Delta R.T. 0.00 min  
 Lab File: VX015229.D  
 Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.7  | 0.0   | 53.6  |
| 91      | 21.7  | 0.0   | 43.6  |





#83

1,3-Dichlorobenzene

Concen: 5.580 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

Instrument :

MSVOA\_X

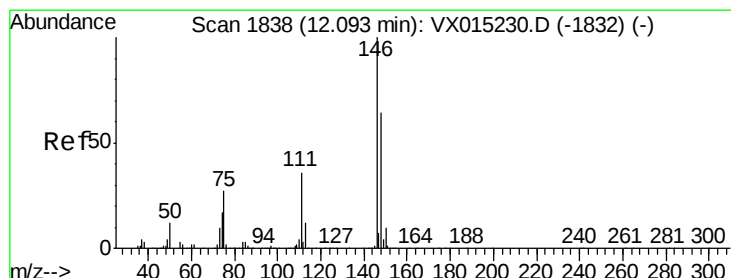
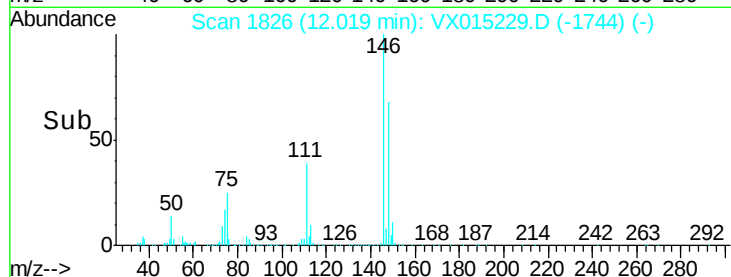
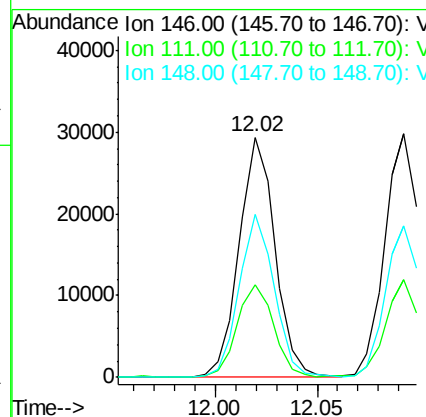
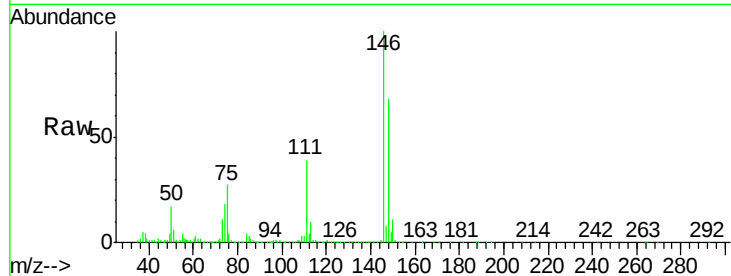
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 35897 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 39.2  | 18.8  | 56.4  |
| 148       | 66.6  | 31.9  | 95.7  |

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#84

1,4-Dichlorobenzene

Concen: 5.681 ug/l

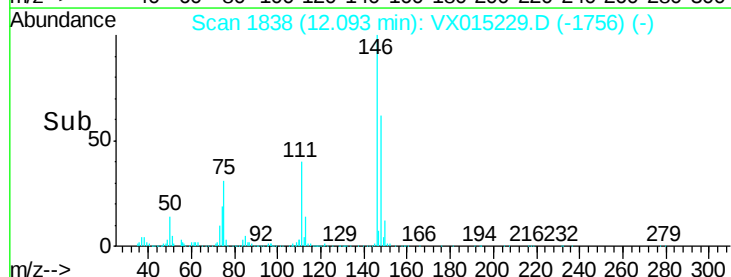
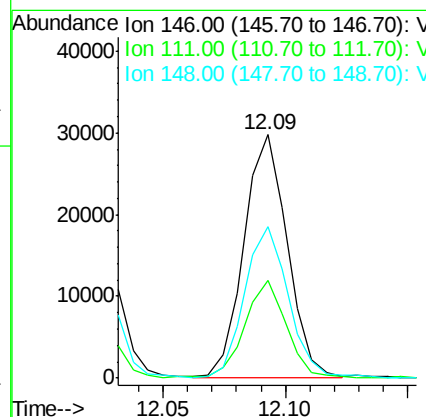
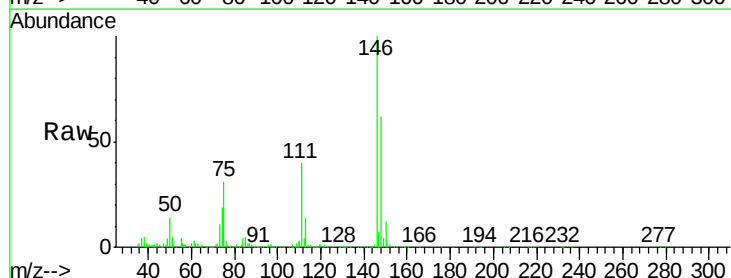
RT: 12.09 min Scan# 1838

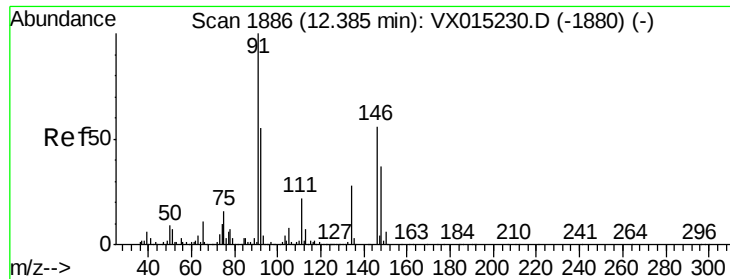
Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 36801 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 38.8  | 18.4  | 55.0  |
| 148       | 61.8  | 31.9  | 95.9  |





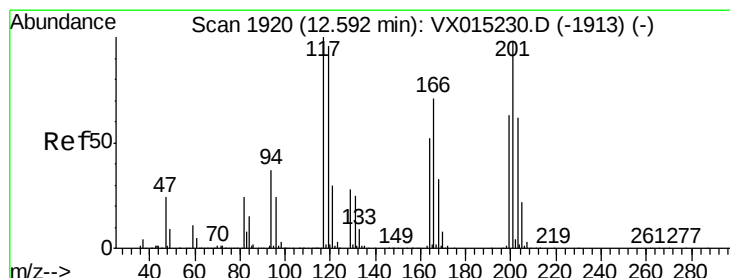
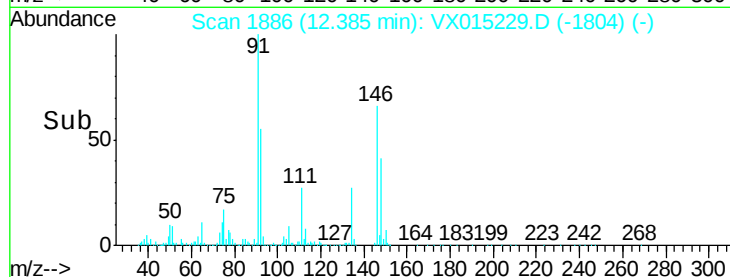
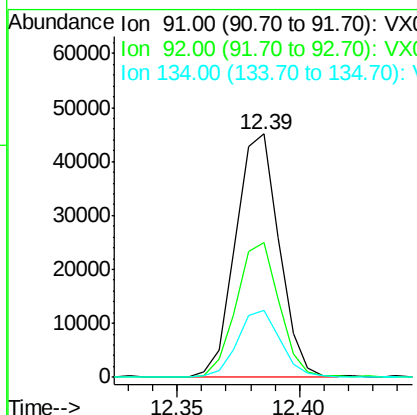
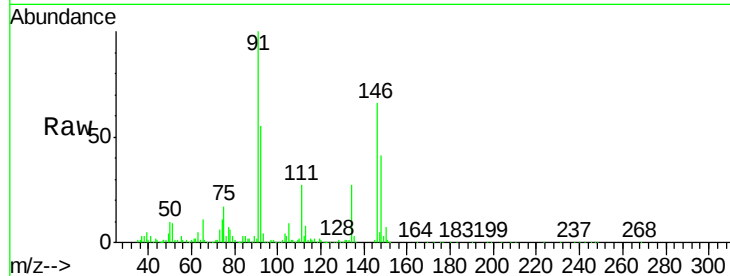
#85  
n-Butylbenzene  
Concen: 5.248 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.3  | 0.0   | 109.4 |
| 134     | 27.3  | 0.0   | 53.0  |

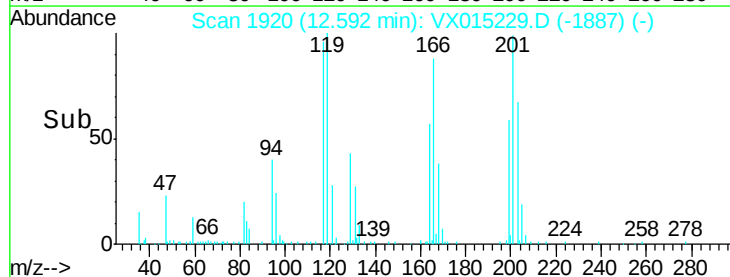
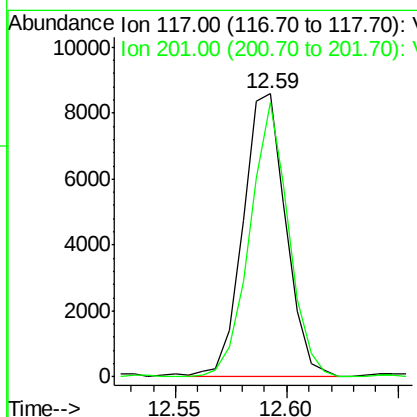
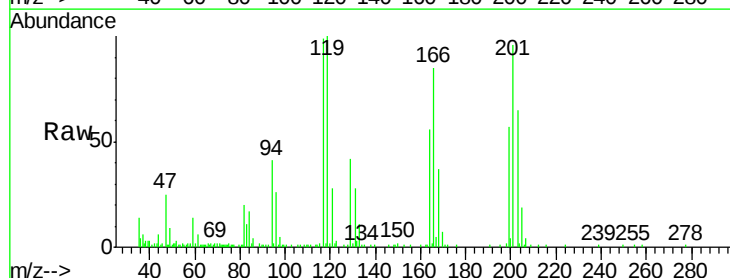
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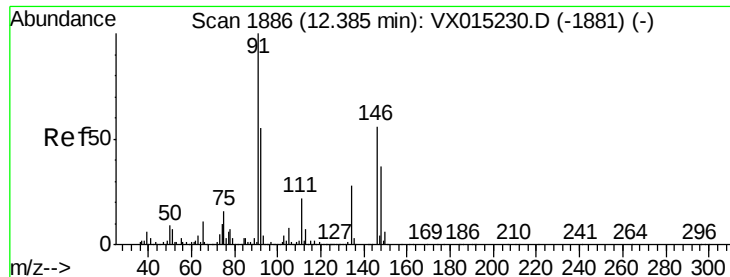
MMDadoda  
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#86  
Hexachloroethane  
Concen: 5.203 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 87.4  | 47.8  | 143.3 |





#87

1,2-Dichlorobenzene

Concen: 5.705 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015229.D

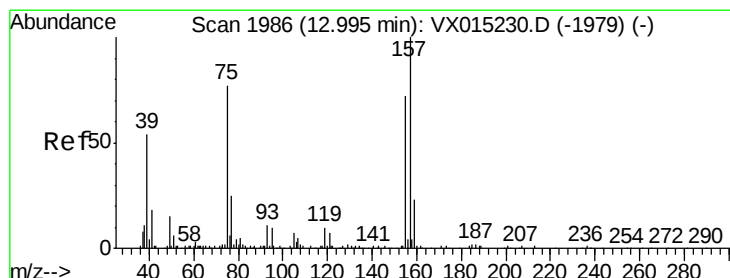
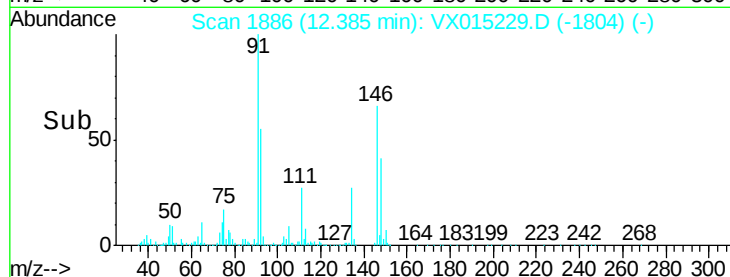
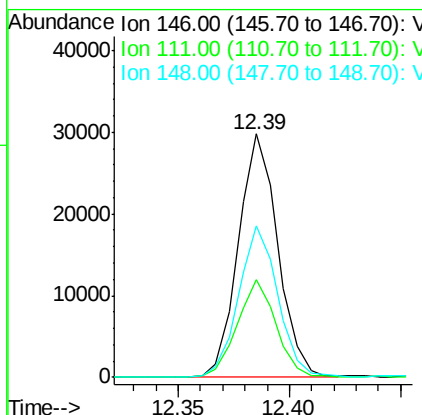
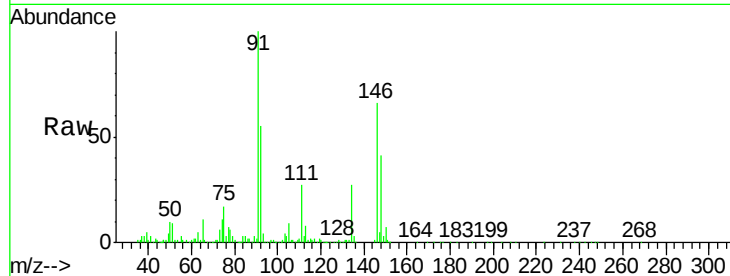
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.0  | 19.4  | 58.4  |
| 148     | 62.6  | 32.4  | 97.0  |

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#88

1,2-Dibromo-3-Chloropropane

Concen: 5.057 ug/l

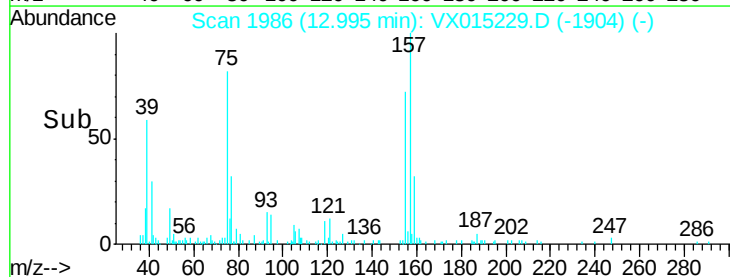
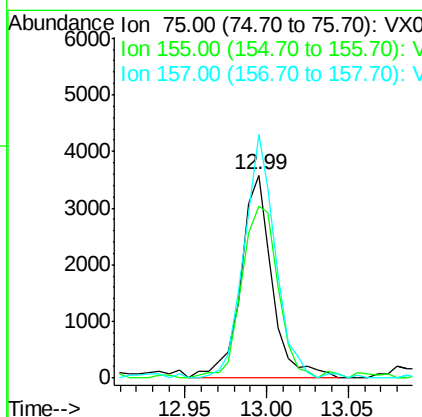
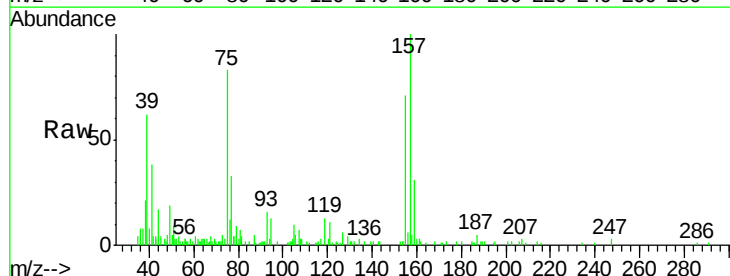
RT: 12.99 min Scan# 1986

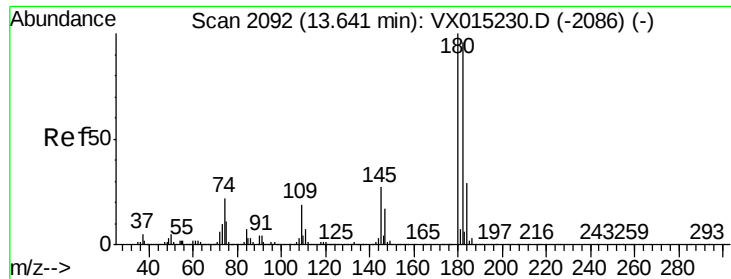
Delta R.T. 0.00 min

Lab File: VX015229.D

Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 97.9  | 77.5  | 116.3 |
| 157     | 118.4 | 103.0 | 154.4 |





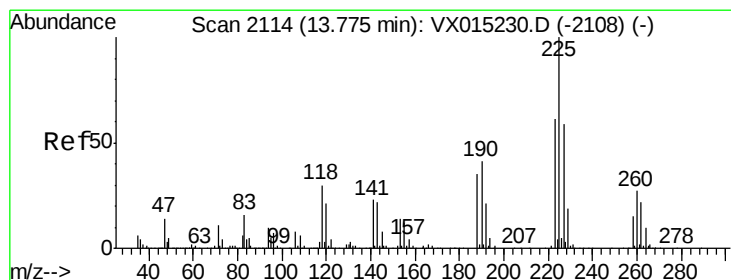
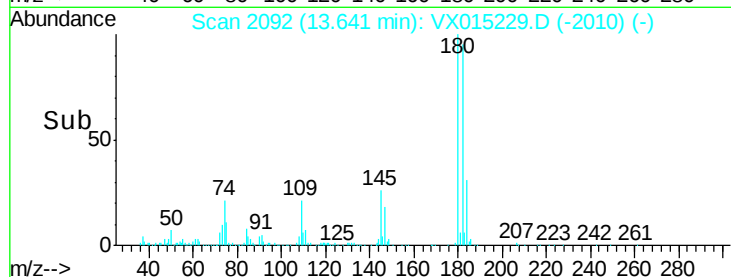
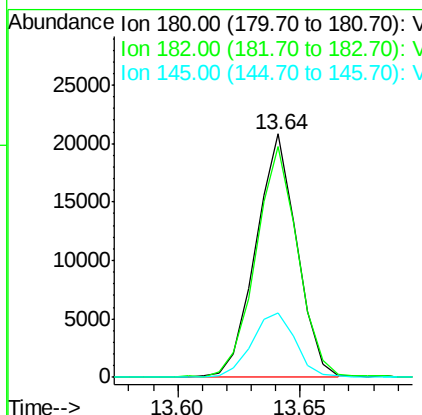
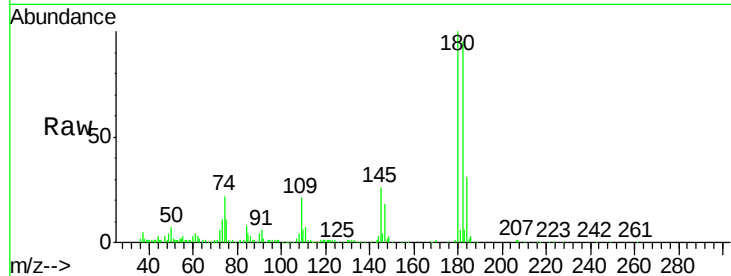
#89  
 1,2,4-Trichlorobenzene  
 Concen: 5.314 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. 0.00 min  
 Lab File: VX015229.D  
 Acq: 12 Mar 2020 11:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.3  | 76.6  | 115.0 |
| 145     | 28.1  | 22.7  | 34.1  |

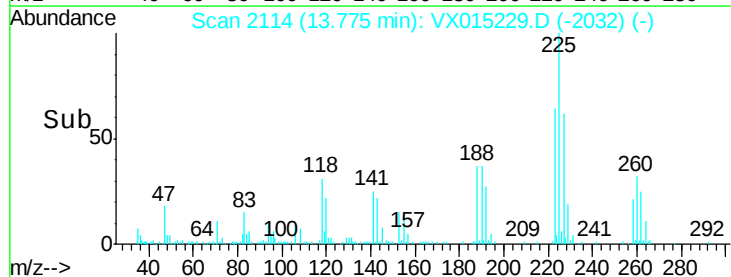
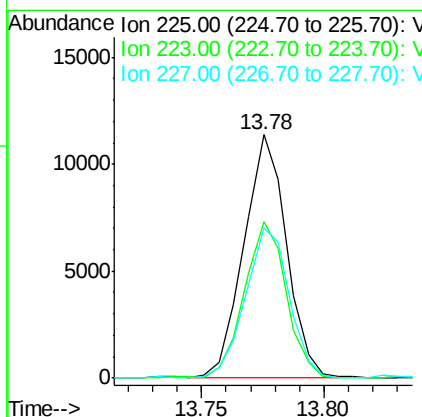
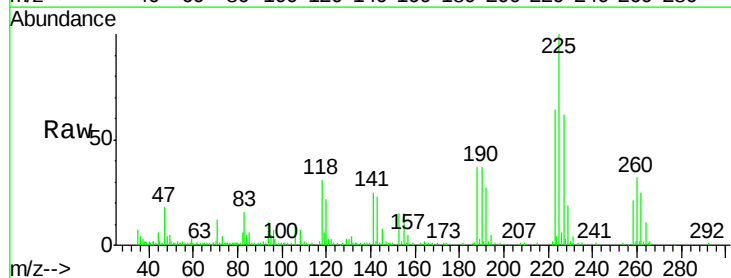
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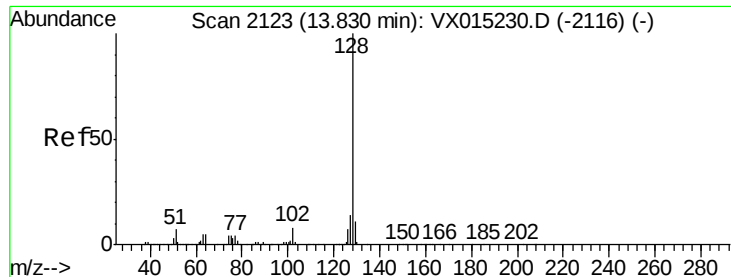
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#90  
 Hexachlorobutadiene  
 Concen: 6.030 ug/l  
 RT: 13.78 min Scan# 2114  
 Delta R.T. 0.00 min  
 Lab File: VX015229.D  
 Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.0  | 0.0   | 125.0 |
| 227     | 63.7  | 0.0   | 126.2 |





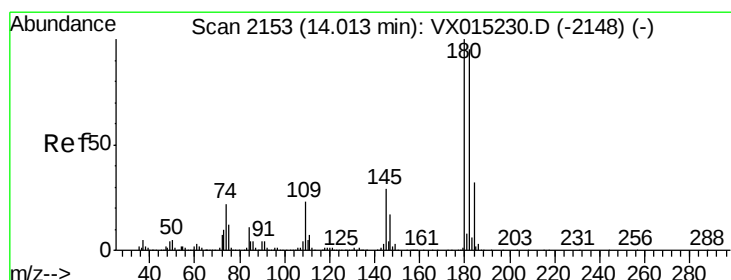
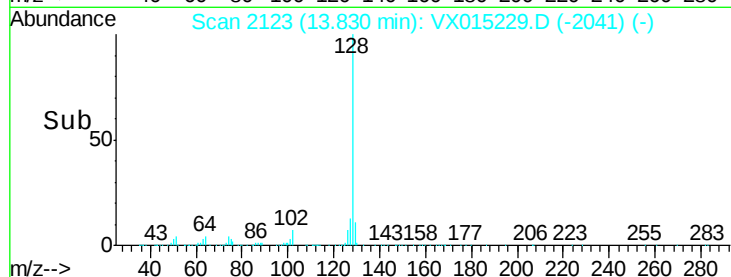
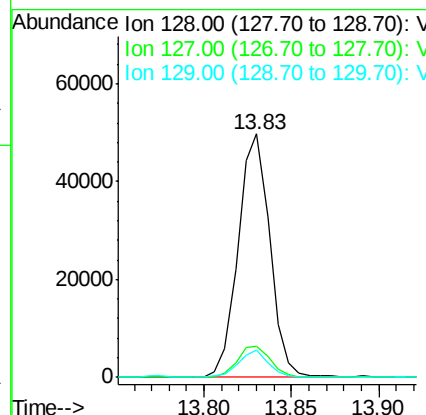
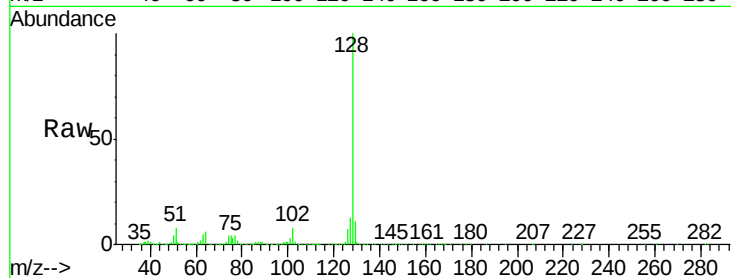
#91  
Naphthalene  
Concen: 4.788 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.5  | 10.8  | 16.2  |
| 129     | 10.8  | 8.7   | 13.1  |

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#92  
1,2,3-Trichlorobenzene  
Concen: 5.673 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: VX015229.D  
Acq: 12 Mar 2020 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.6  | 0.0   | 192.0 |
| 145     | 29.8  | 0.0   | 60.0  |

