

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\  
 Data File : VX013086.D  
 Acq On : 16 Oct 2019 10:34  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 10/18/2019 4:51:40 PM

Quant Time: Oct 17 02:28:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Oct 17 02:18:04 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.00  | 128  | 33221    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.84  | 114  | 184529   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.11 | 117  | 166058   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 6.05   | 65    | 74852    | 32.31    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 107.70% |
| 60) 4-Bromofluorobenzene  | 11.13  | 95    | 84160    | 30.23    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 100.77% |
| 63) Toluene-d8            | 8.71   | 98    | 229027   | 31.09    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 103.63% |

## Target Compounds

|                               |      |     |       |             | Ovalue |
|-------------------------------|------|-----|-------|-------------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 10469 | 4.817 ug/l  | 97     |
| 3) Chloromethane              | 1.32 | 50  | 10812 | 5.556 ug/l  | 96     |
| 4) Vinyl Chloride             | 1.40 | 62  | 10567 | 5.264 ug/l  | 98     |
| 5) Bromomethane               | 1.63 | 94  | 5176  | 4.748 ug/l  | 94     |
| 6) Chloroethane               | 1.71 | 64  | 6975  | 5.710 ug/l  | 96     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 15988 | 4.872 ug/l  | 94     |
| 8) Diethyl Ether              | 2.18 | 74  | 5684  | 5.128 ug/l  | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 10497 | 5.657 ug/l  | 98     |
| 10) 1,1-Dichloroethene        | 2.36 | 96  | 9755  | 5.245 ug/l  | 93     |
| 11) Methyl Iodide             | 2.50 | 142 | 8936  | 3.629 ug/l  | 98     |
| 12) Methyl Acetate            | 2.76 | 43  | 13425 | 5.164 ug/l  | 100    |
| 13) Acrolein                  | 2.28 | 56  | 8126  | 25.140 ug/l | 98     |
| 14) Acrylonitrile             | 3.13 | 53  | 27054 | 26.165 ug/l | 98     |
| 15) Acetone                   | 2.43 | 58  | 8606  | 27.167 ug/l | 96     |
| 16) Carbon Disulfide          | 2.56 | 76  | 25636 | 5.289 ug/l  | 99     |
| 17) Allyl chloride            | 2.72 | 41  | 15871 | 5.659 ug/l  | 95     |
| 18) Methylene Chloride        | 2.84 | 84  | 11565 | 5.536 ug/l  | 92     |
| 19) trans-1,2-Dichloroethene  | 3.16 | 96  | 10333 | 5.233 ug/l  | 92     |
| 20) Diisopropyl ether         | 3.84 | 45  | 31191 | 5.351 ug/l  | 94     |
| 21) 1,1-Dichloroethane        | 3.69 | 63  | 17749 | 5.306 ug/l  | 96     |
| 22) cis-1,2-Dichloroethene    | 4.58 | 96  | 12527 | 5.517 ug/l  | 93     |
| 23) tert-Butyl Alcohol        | 3.03 | 59  | 14986 | 27.820 ug/l | # 100  |
| 24) Methyl tert-Butyl Ether   | 3.18 | 73  | 32192 | 5.283 ug/l  | 99     |
| 25) Chloroform                | 5.19 | 83  | 19068 | 5.255 ug/l  | 97     |
| 26) Cyclohexane               | 5.57 | 56  | 16977 | 5.578 ug/l  | # 99   |
| 29) 1,1-Dichloropropene       | 5.79 | 75  | 14148 | 5.391 ug/l  | 98     |
| 30) 2-Butanone                | 4.66 | 43  | 38235 | 26.177 ug/l | 99     |
| 31) 2,2-Dichloropropane       | 4.57 | 77  | 15747 | 6.377 ug/l  | 100    |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 16039 | 5.061 ug/l  | # 78   |
| 33) Carbon Tetrachloride      | 5.78 | 117 | 13277 | 4.807 ug/l  | 96     |
| 34) Benzene                   | 6.13 | 78  | 41351 | 5.230 ug/l  | 97     |
| 35) Methacrylonitrile         | 5.03 | 41  | 7774  | 5.189 ug/l  | 81     |
| 36) 1,2-Dichloroethane        | 6.18 | 62  | 15581 | 5.473 ug/l  | # 91   |
| 37) Trichloroethene           | 7.20 | 130 | 11106 | 4.891 ug/l  | 97     |
| 38) Methylcyclohexane         | 7.45 | 83  | 16723 | 5.086 ug/l  | 97     |
| 39) 1,2-Dichloropropane       | 7.50 | 63  | 10531 | 5.308 ug/l  | 96     |
| 40) Dibromomethane            | 7.65 | 93  | 6907  | 4.841 ug/l  | 97     |

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 Data File : VX013086.D  
 Acq On : 16 Oct 2019 10:34  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

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 10/18/2019 4:51:40 PM

Quant Time: Oct 17 02:28:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Oct 17 02:18:04 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 41) Bromodichloromethane       | 7.89  | 83   | 13054    | 4.890  | ug/l # | 94       |
| 42) Vinyl Acetate              | 3.80  | 43   | 126804   | 26.436 | ug/l   | 100      |
| 43) Ethyl Acetate              | 4.83  | 43   | 14979    | 5.480  | ug/l   | 100      |
| 44) Isopropyl Acetate          | 6.44  | 43   | 21752    | 4.840  | ug/l   | 97       |
| 45) 1,4-Dioxane                | 7.73  | 88   | 5176     | 91.380 | ug/l # | 88       |
| 46) Methyl methacrylate        | 7.76  | 41   | 10918    | 5.035  | ug/l   | 84       |
| 47) n-amyl Acetate             | 10.89 | 43   | 17458    | 4.429  | ug/l   | 99       |
| 48) t-1,3-Dichloropropene      | 9.04  | 75   | 13560    | 4.790  | ug/l   | 96       |
| 49) cis-1,3-Dichloropropene    | 8.43  | 75   | 15517    | 5.012  | ug/l   | 99       |
| 50) 1,1,2-Trichloroethane      | 9.20  | 97   | 10843    | 5.157  | ug/l   | 96       |
| 51) Ethyl methacrylate         | 9.17  | 69   | 14947    | 4.574  | ug/l   | 96       |
| 52) 1,3-Dichloropropane        | 9.36  | 76   | 17654    | 5.161  | ug/l   | 98       |
| 53) Dibromochloromethane       | 9.57  | 129  | 9608     | 4.241  | ug/l   | 100      |
| 54) 1,2-Dibromoethane          | 9.67  | 107  | 11042    | 4.824  | ug/l   | 97       |
| 55) 2-Chloroethyl vinyl ether  | 8.30  | 63   | 31703    | 22.660 | ug/l   | 99       |
| 56) Bromoform                  | 10.85 | 173  | 5952     | 3.560  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone       | 8.64  | 43   | 70087    | 24.601 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 51908    | 23.674 | ug/l   | 99       |
| 61) Tetrachloroethene          | 9.33  | 164  | 10650    | 4.862  | ug/l   | 94       |
| 62) Toluene                    | 8.78  | 91   | 44408    | 5.014  | ug/l   | 100      |
| 64) Chlorobenzene              | 10.14 | 112  | 28167    | 4.969  | ug/l   | 97       |
| 65) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 9783     | 4.719  | ug/l   | 98       |
| 66) Ethyl Benzene              | 10.25 | 91   | 49348    | 4.951  | ug/l   | 96       |
| 67) m/p-Xylenes                | 10.36 | 106  | 36684    | 9.663  | ug/l   | 94       |
| 68) o-Xylene                   | 10.70 | 106  | 18130    | 4.867  | ug/l   | 100      |
| 69) Styrene                    | 10.71 | 104  | 29565    | 4.704  | ug/l   | 100      |
| 70) Isopropylbenzene           | 11.01 | 105  | 48844    | 4.922  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 15658    | 4.876  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane     | 11.29 | 75   | 15460m   | 5.803  | ug/l   |          |
| 73) Bromobenzene               | 11.25 | 156  | 12161    | 4.663  | ug/l   | 97       |
| 74) n-propylbenzene            | 11.35 | 91   | 51103    | 4.572  | ug/l   | 98       |
| 75) 2-Chlorotoluene            | 11.42 | 91   | 32964    | 4.948  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 39892    | 4.758  | ug/l   | 96       |
| 77) t-1,4-Dichloro-2-butene    | 11.07 | 75   | 3947     | 4.304  | ug/l   | 91       |
| 78) 4-Chlorotoluene            | 11.51 | 91   | 37103    | 4.833  | ug/l   | 98       |
| 79) tert-butylbenzene          | 11.76 | 119  | 36458    | 4.496  | ug/l   | 96       |
| 80) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 38807    | 4.590  | ug/l   | 95       |
| 81) sec-Butylbenzene           | 11.94 | 105  | 45442    | 4.754  | ug/l   | 100      |
| 82) p-Isopropyltoluene         | 12.06 | 119  | 39795    | 4.516  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene        | 12.02 | 146  | 19958    | 4.292  | ug/l   | 93       |
| 84) 1,4-Dichlorobenzene        | 12.09 | 146  | 20684    | 4.498  | ug/l   | 98       |
| 85) n-Butylbenzene             | 12.39 | 91   | 33092    | 4.397  | ug/l   | 99       |
| 86) Hexachloroethane           | 12.59 | 117  | 6383     | 4.441  | ug/l   | 98       |
| 87) 1,2-Dichlorobenzene        | 12.39 | 146  | 21167    | 4.695  | ug/l   | 96       |
| 88) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 3117     | 4.392  | ug/l   | 96       |
| 89) 1,2,4-Trichlorobenzene     | 13.64 | 180  | 12231    | 3.977  | ug/l   | 99       |
| 90) Hexachlorobutadiene        | 13.78 | 225  | 6144     | 4.181  | ug/l   | 96       |
| 91) Naphthalene                | 13.83 | 128  | 37542    | 3.947  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene     | 14.01 | 180  | 12296    | 4.007  | ug/l   | 98       |
| -----                          |       |      |          |        |        |          |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\  
Data File : VX013086.D  
Acq On : 16 Oct 2019 10:34  
Operator : JC/SP  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Manual Integrations  
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10/18/2019 4:51:40 PM

Quant Time: Oct 17 02:28:59 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Thu Oct 17 02:18:04 2019  
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

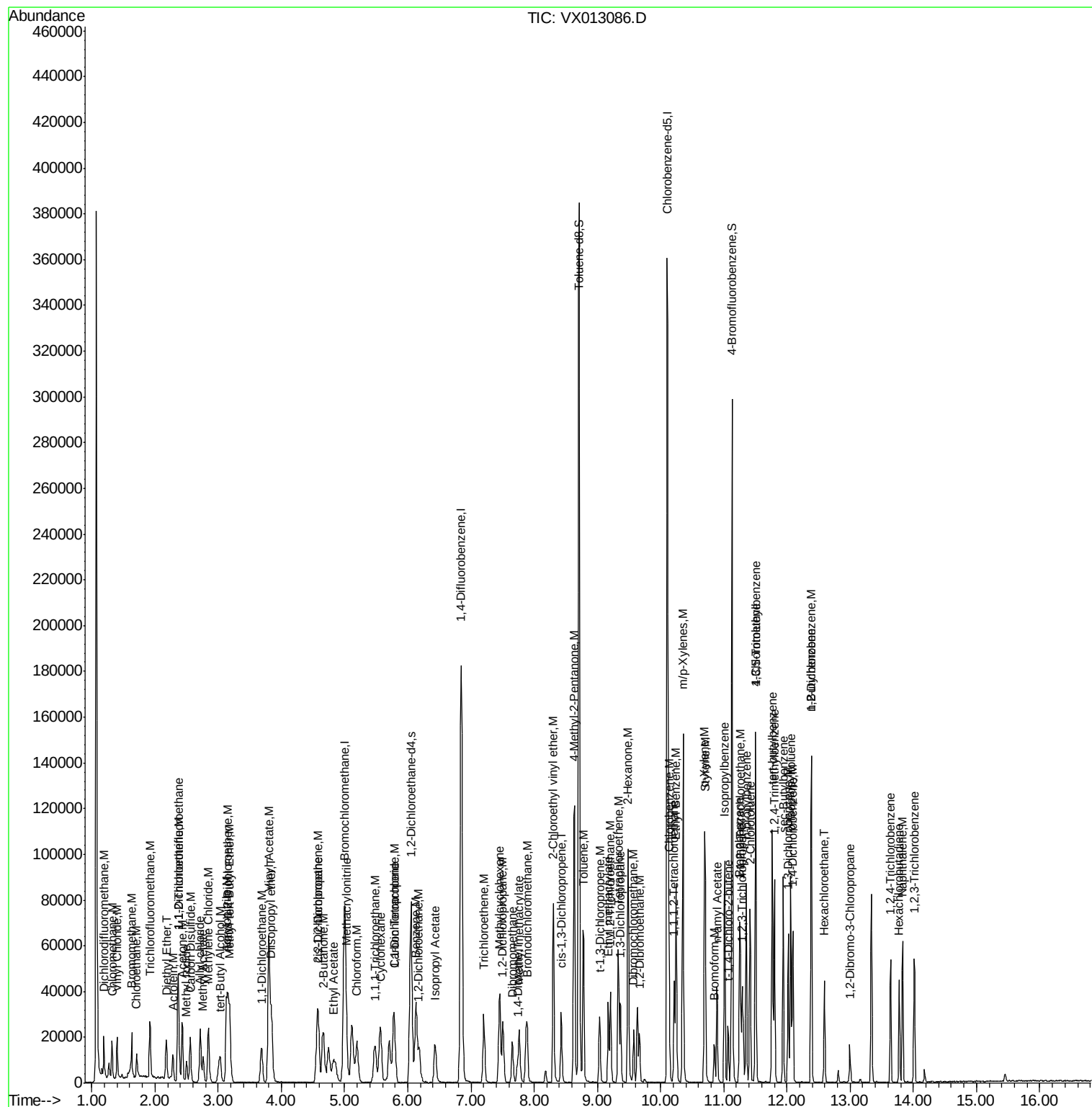
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 Data File : VX013086.D  
 Acq On : 16 Oct 2019 10:34  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

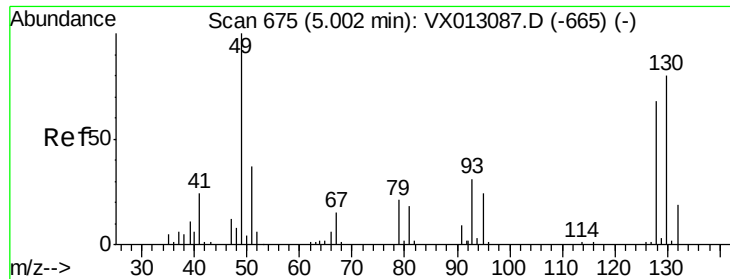
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC005

Manual Integrations  
 APPROVED

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 10/18/2019 4:51:40 PM

Quant Time: Oct 17 02:28:59 2019  
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Oct 17 02:18:04 2019  
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

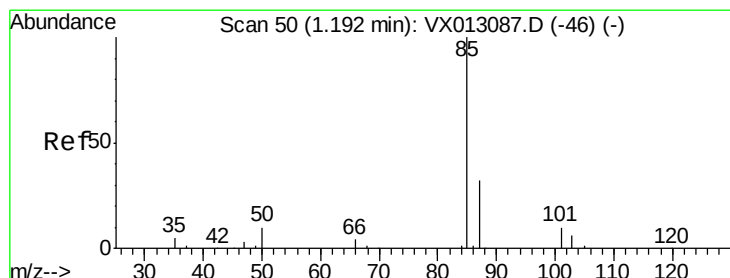
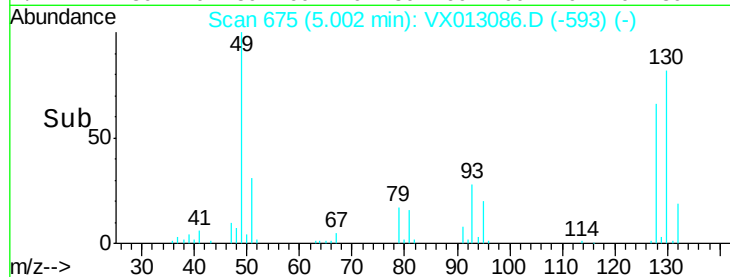
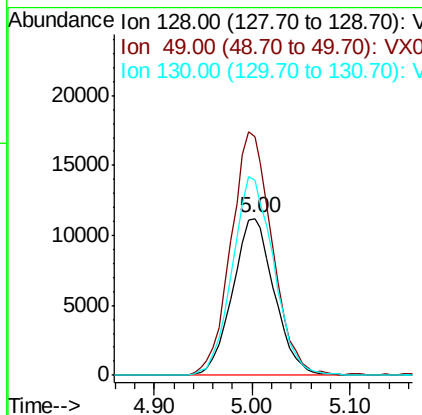
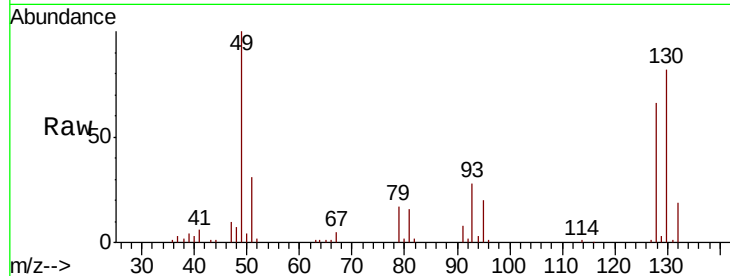
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 33221 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 152.6 | 0.0   | 382.3 |
| 130      | 125.8 | 0.0   | 321.8 |

Manual Integrations  
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#2

Dichlorodifluoromethane

Concen: 4.817 ug/l

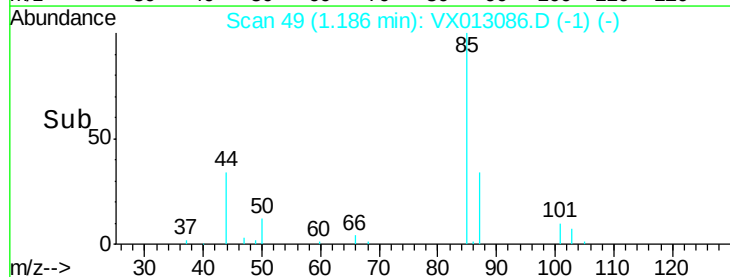
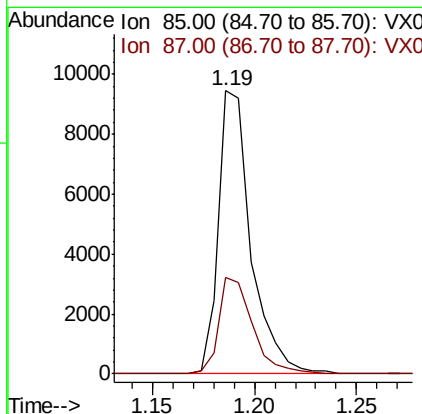
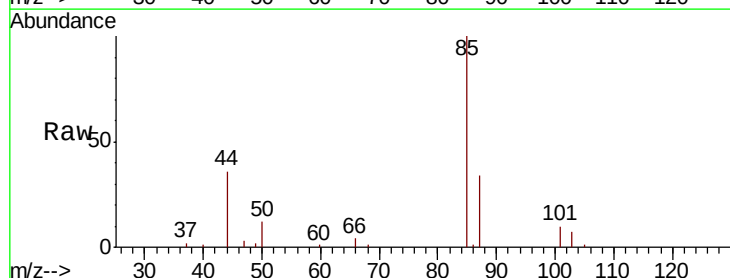
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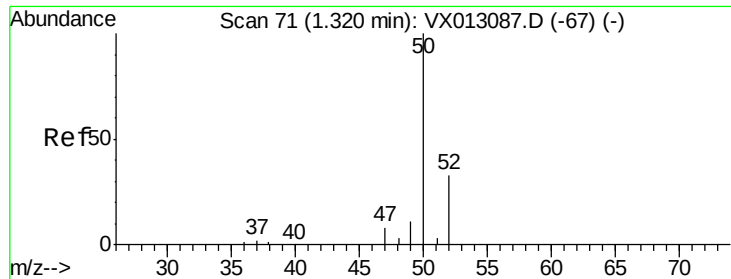
Delta R.T. -0.01 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 10469 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 33.9  | 16.2  | 48.5  |





#3

Chloromethane

Concen: 5.556 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 10812

Ion Ratio Lower Upper

50 100

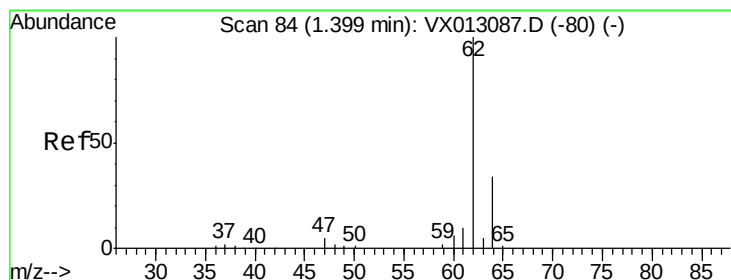
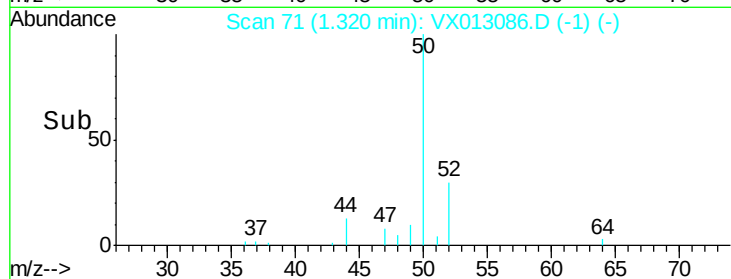
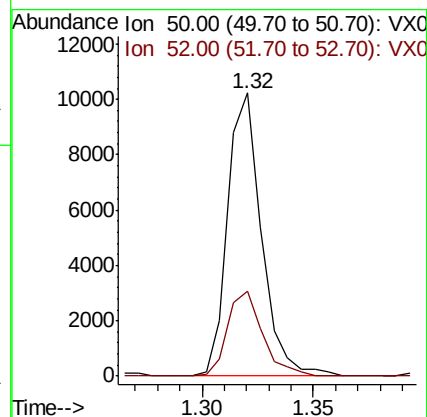
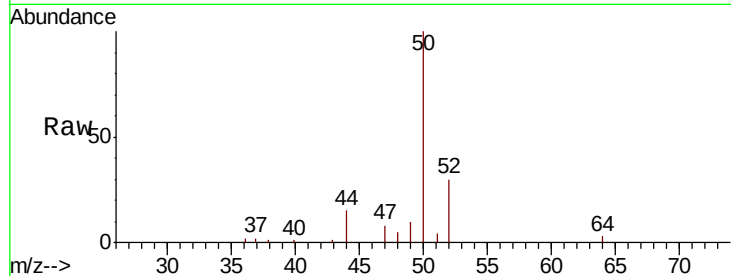
52 30.1 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.264 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013086.D

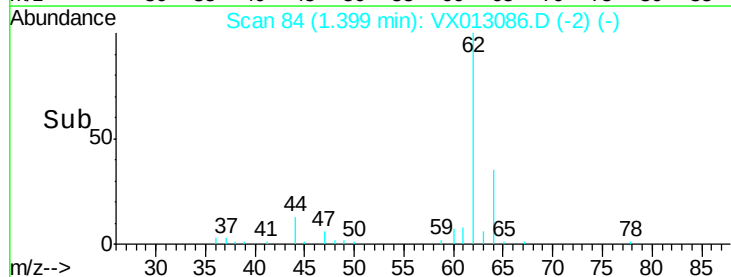
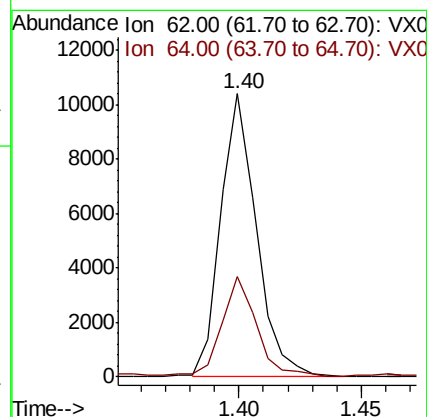
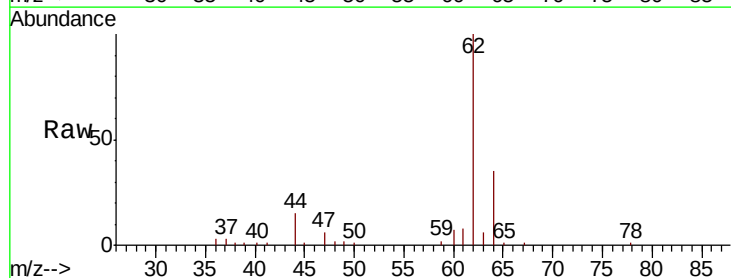
Acq: 16 Oct 2019 10:34

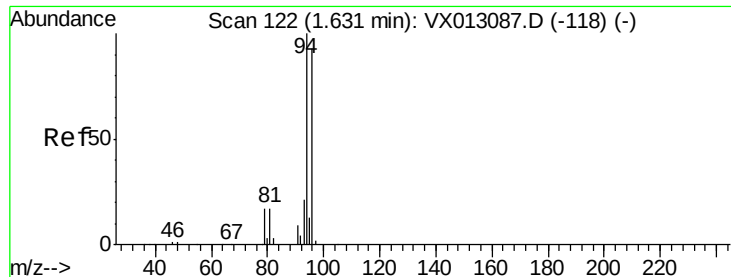
Tgt Ion: 62 Resp: 10567

Ion Ratio Lower Upper

62 100

64 35.4 27.4 41.0





#5

Bromomethane

Concen: 4.748 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 5176

Ion Ratio Lower Upper

94 100

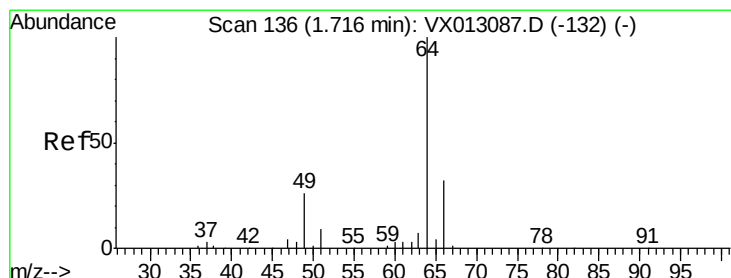
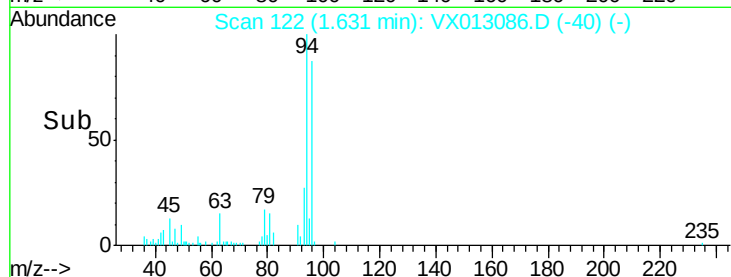
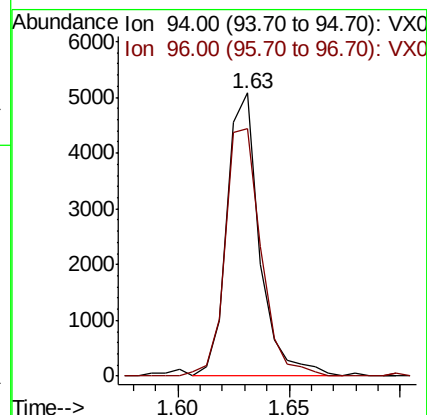
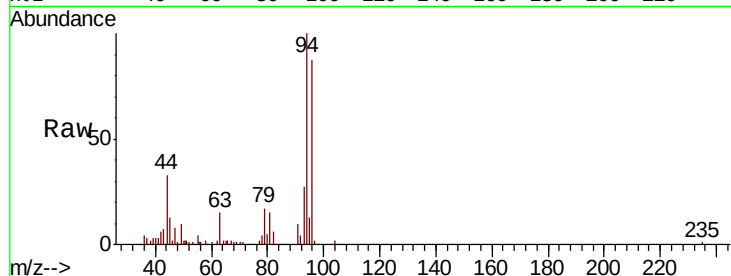
96 87.5 74.2 111.4

Manual Integrations

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#6

Chloroethane

Concen: 5.710 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX013086.D

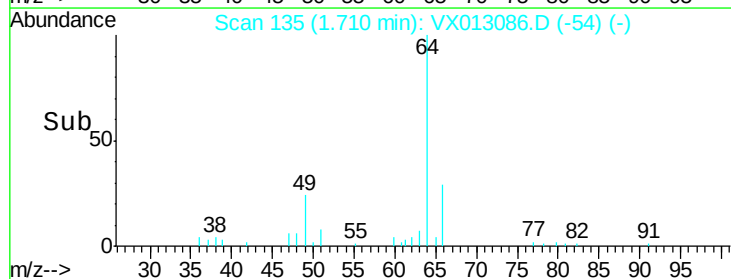
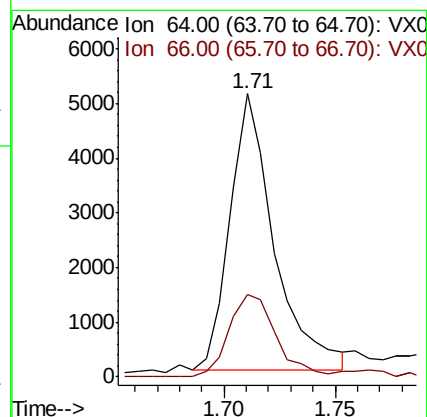
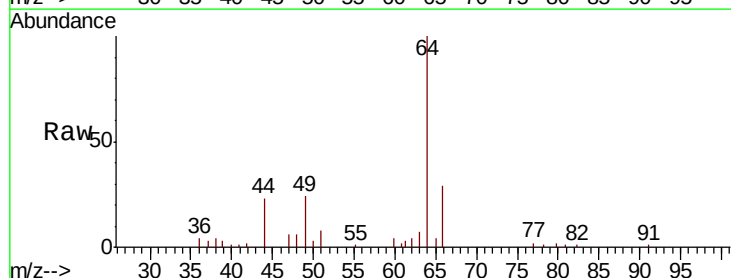
Acq: 16 Oct 2019 10:34

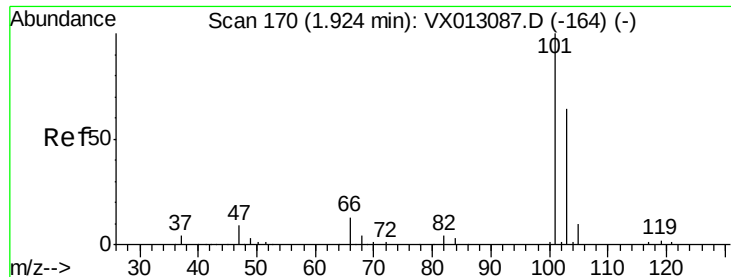
Tgt Ion: 64 Resp: 6975

Ion Ratio Lower Upper

64 100

66 29.7 25.6 38.4





#7

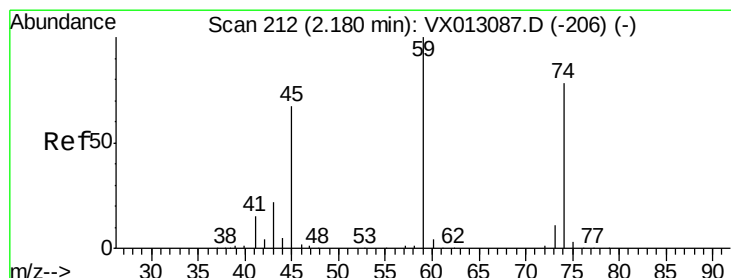
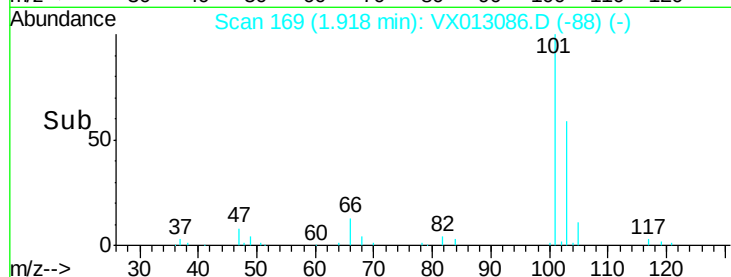
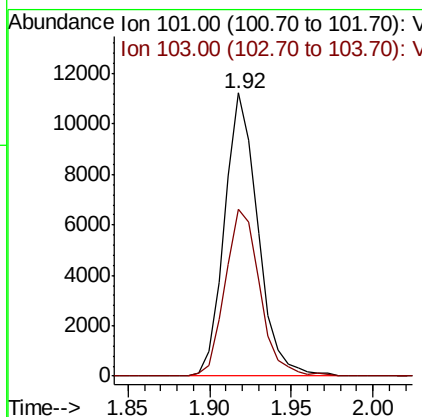
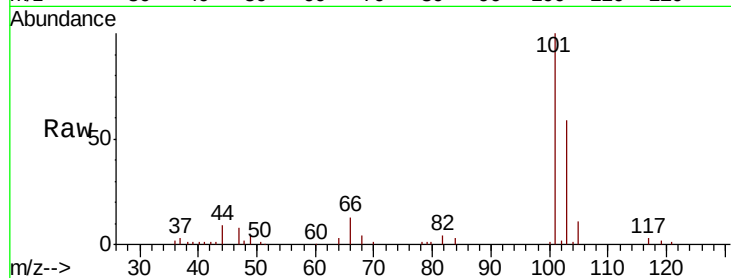
Trichlorofluoromethane  
Concen: 4.872 ug/l  
RT: 1.92 min Scan# 169  
Delta R.T. -0.01 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 58.9  | 50.9  | 76.3  |

Manual Integrations  
APPROVED

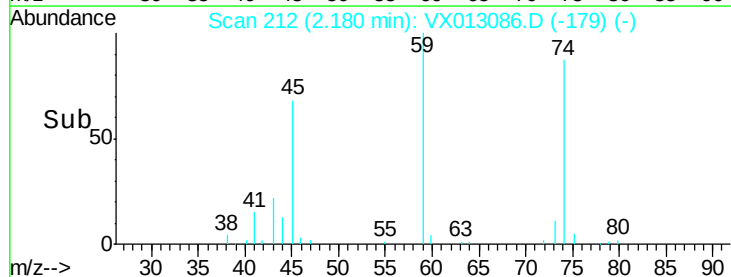
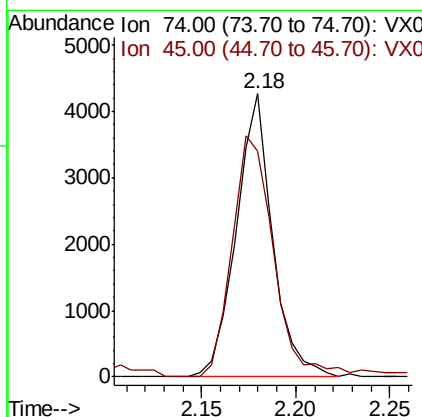
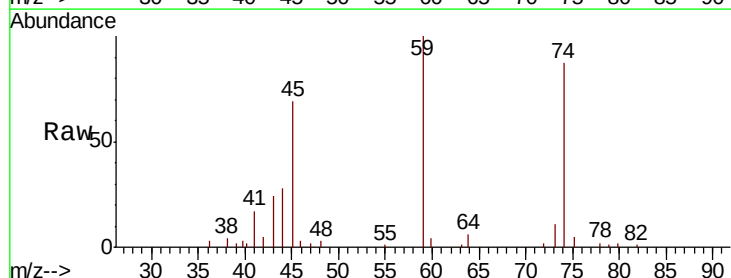
MMDadoda  
10/18/2019 4:51:40 PM



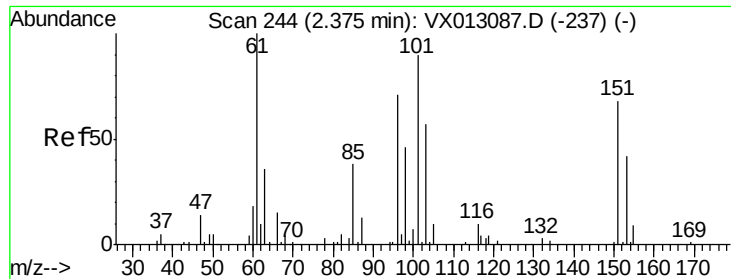
#8

Diethyl Ether  
Concen: 5.128 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 97.3  | 18.2  | 163.4 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.657 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

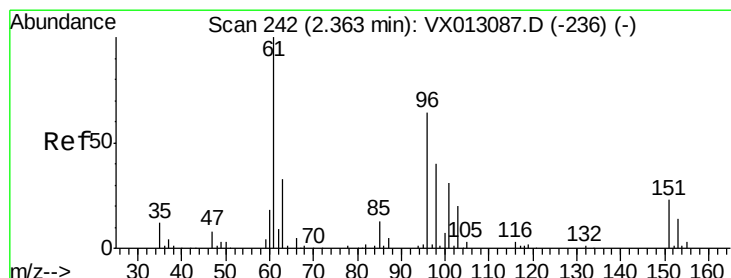
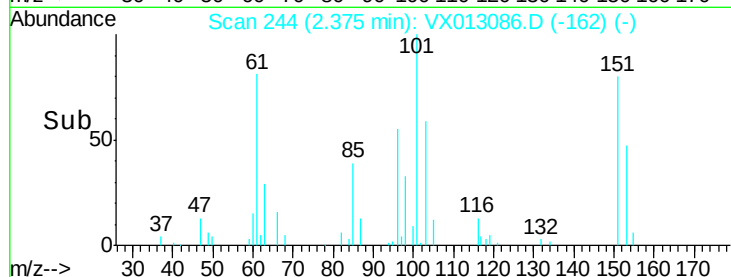
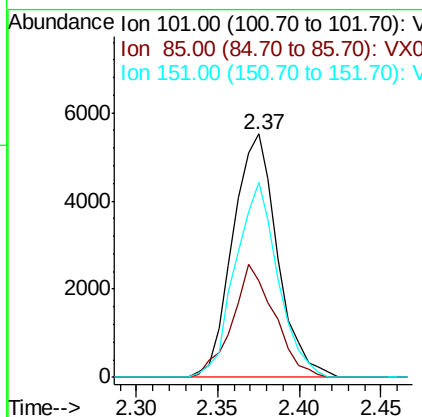
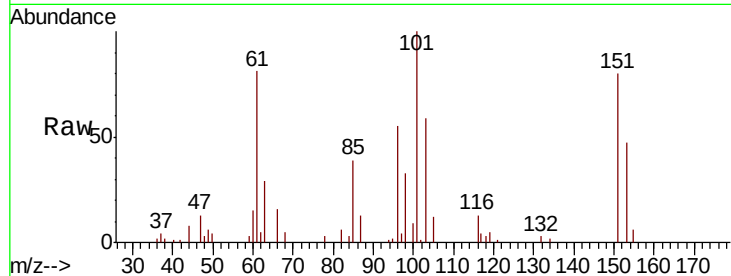
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 10497 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.8  | 0.0   | 85.2  |
| 151       | 76.7  | 0.0   | 157.0 |

Manual Integrations  
APPROVED

MMDadoda  
10/18/2019 4:51:40 PM



#10

1,1-Dichloroethene

Concen: 5.245 ug/l

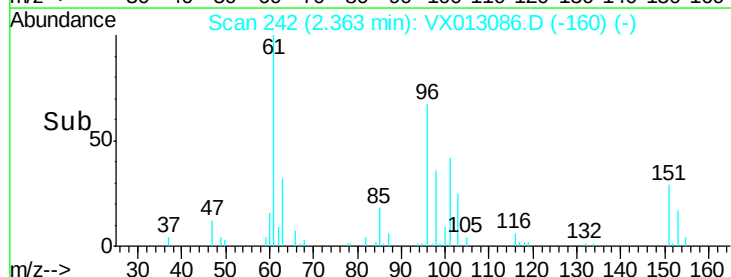
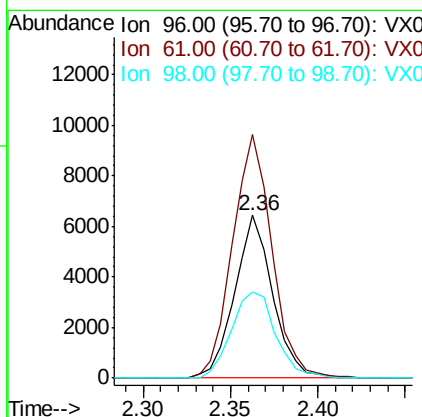
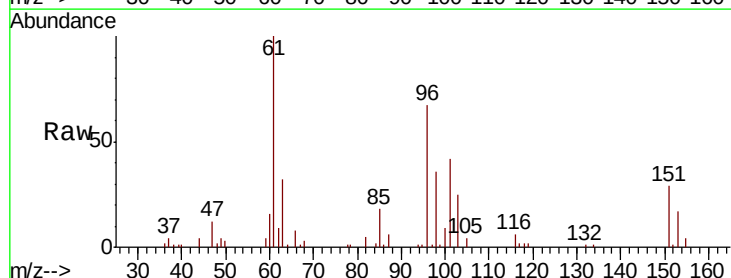
RT: 2.36 min Scan# 242

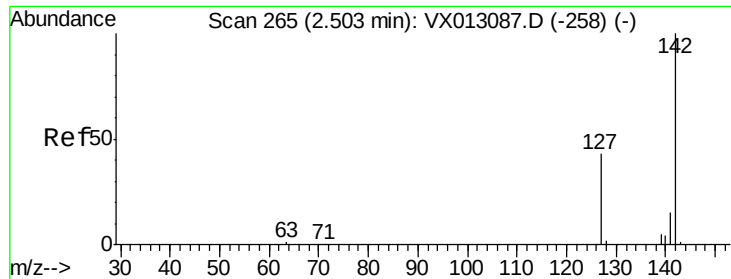
Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 9755  |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 149.8 | 124.2 | 186.2 |
| 98        | 53.2  | 50.2  | 75.2  |





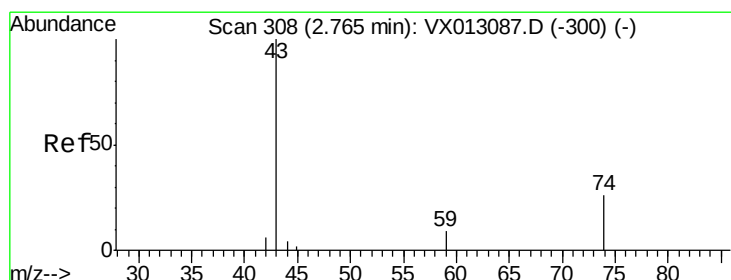
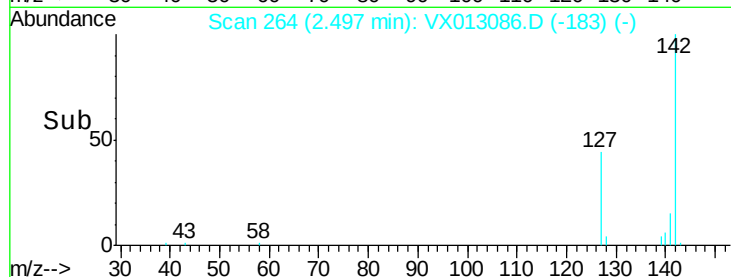
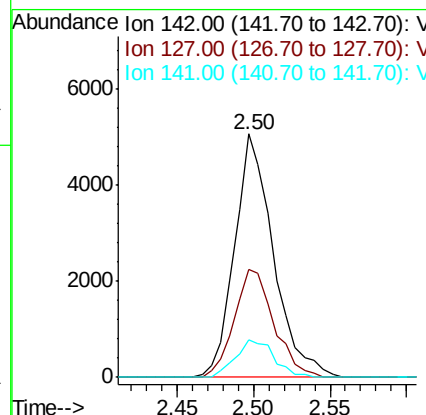
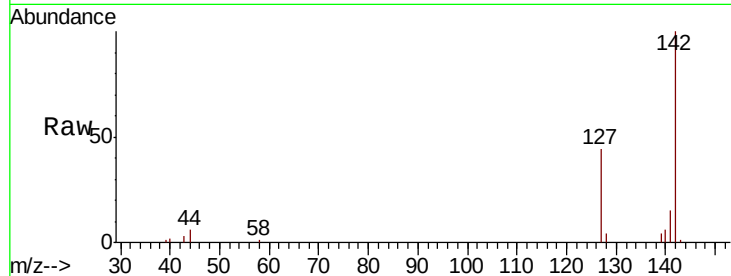
#11  
Methvl Iodide  
Concen: 3.629 ug/l  
RT: 2.50 min Scan# 264  
Delta R.T. -0.01 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 44.5  | 21.4  | 64.2  |
| 141     | 15.2  | 7.3   | 21.9  |

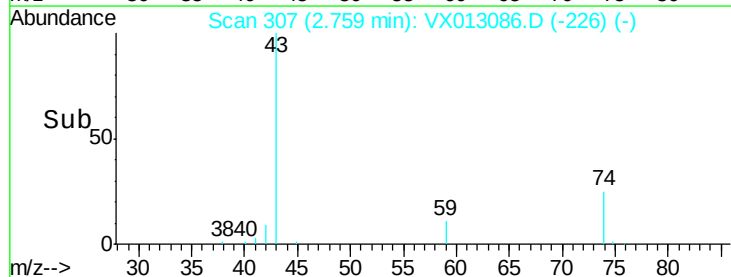
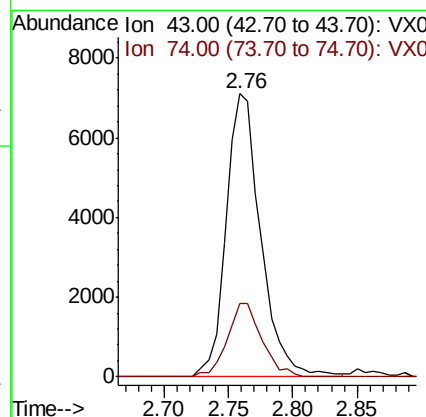
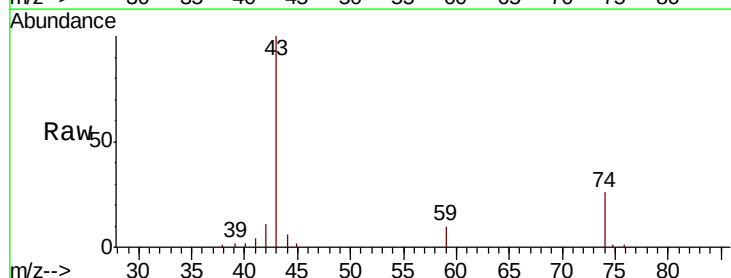
Manual Integrations  
APPROVED

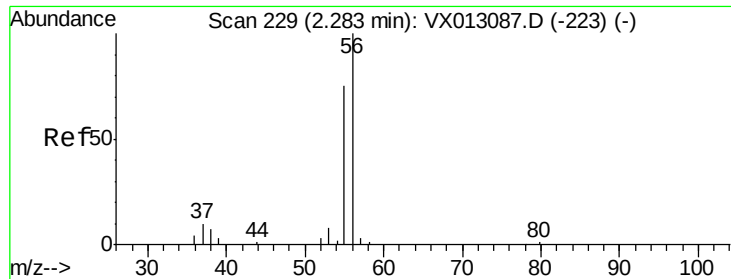
MMDadoda  
10/18/2019 4:51:40 PM



#12  
Methyl Acetate  
Concen: 5.164 ug/l  
RT: 2.76 min Scan# 307  
Delta R.T. -0.01 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 26.1  | 20.9  | 31.3  |





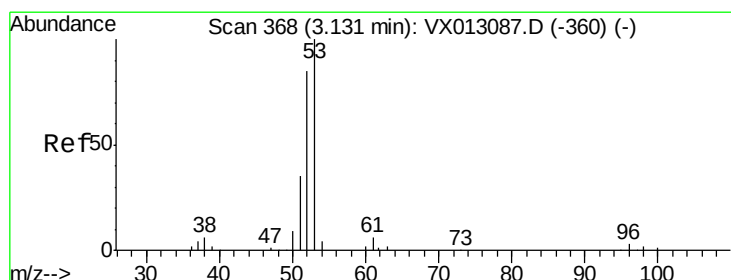
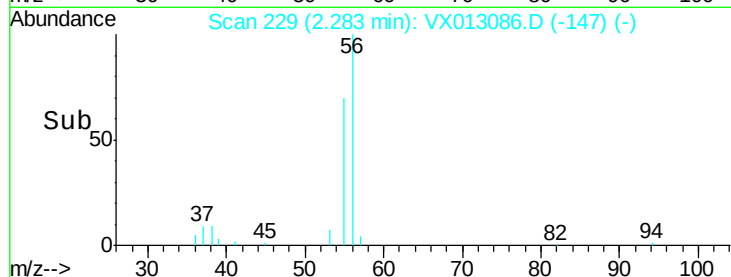
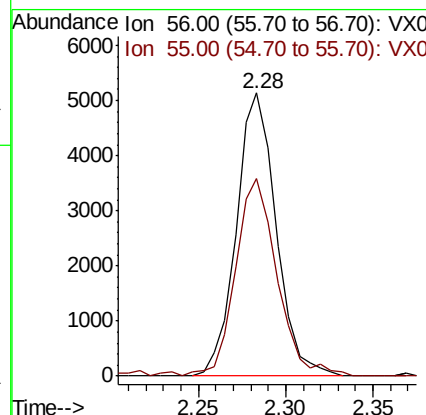
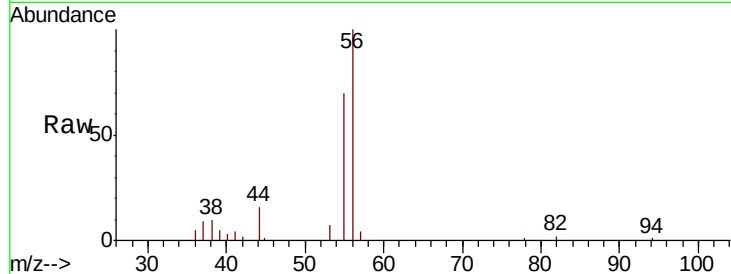
#13  
Acrolein  
Concen: 25.140 ug/l  
RT: 2.28 min Scan# 229  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | 56  | 55   | Ratio | Lower | Upper |
|---------|-----|------|-------|-------|-------|
| 8126    | 100 | 70.9 |       | 57.8  | 86.8  |

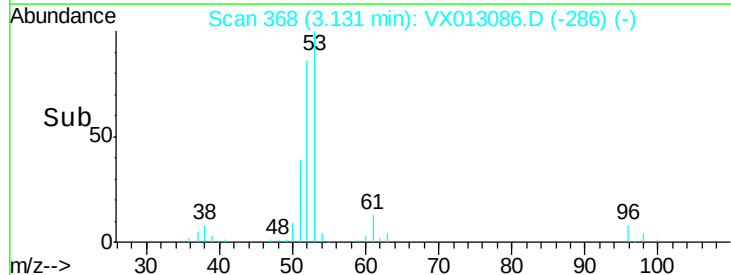
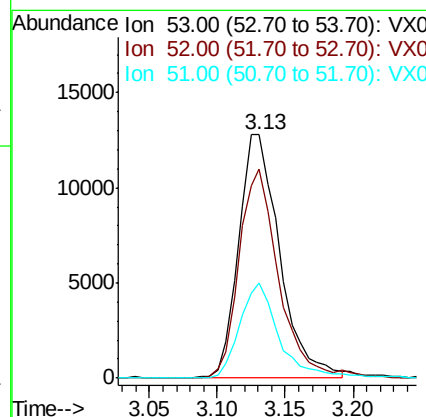
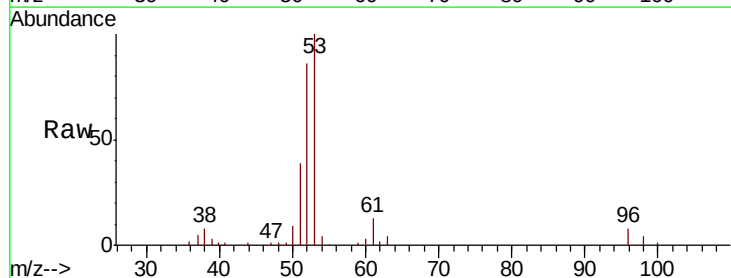
Manual Integrations  
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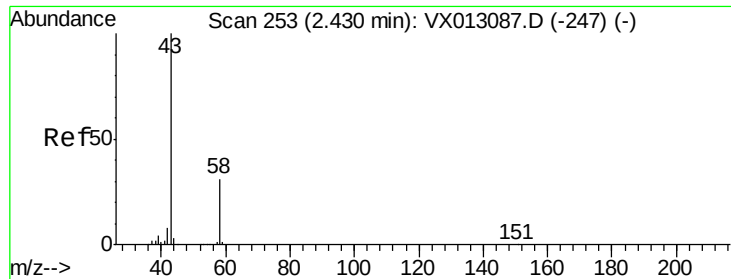
MMDadoda  
10/18/2019 4:51:40 PM



#14  
Acrylonitrile  
Concen: 26.165 ug/l  
RT: 3.13 min Scan# 368  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | 53  | 52   | 51   | Ratio | Lower | Upper |
|---------|-----|------|------|-------|-------|-------|
| 27054   | 100 | 81.4 | 37.2 |       | 41.4  | 124.2 |
|         |     |      |      |       | 18.1  | 54.4  |





#15

Acetone

Concen: 27.167 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 8606

Ion Ratio Lower Upper

58 100

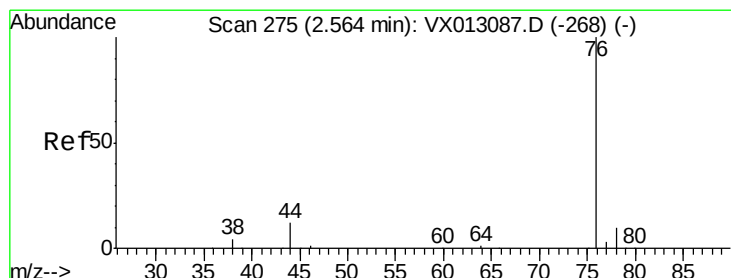
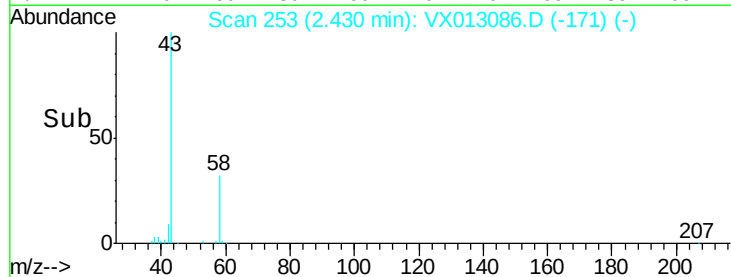
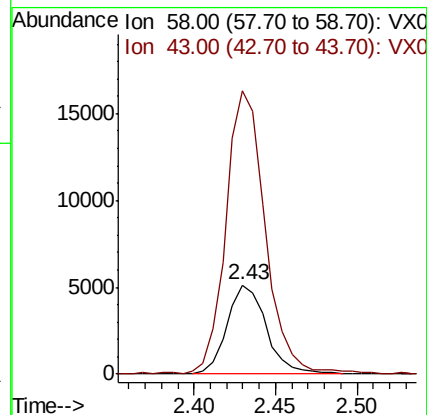
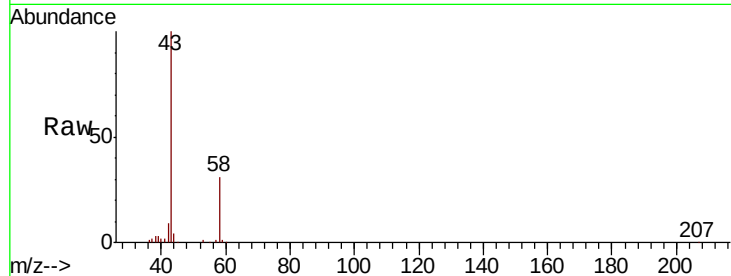
43 316.0 259.5 389.3

Manual Integrations

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MMDadoda

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#16

Carbon Disulfide

Concen: 5.289 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013086.D

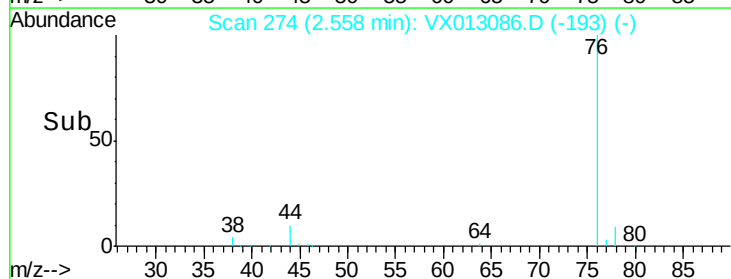
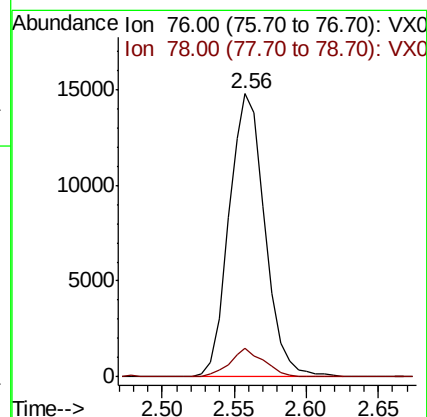
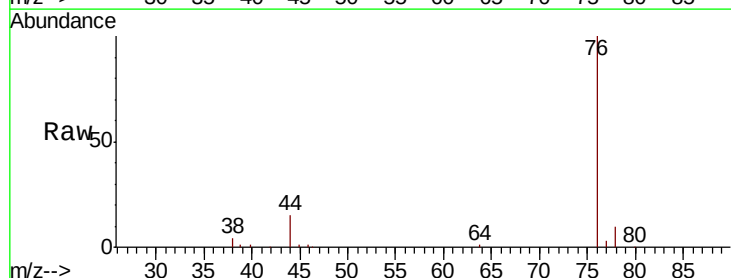
Acq: 16 Oct 2019 10:34

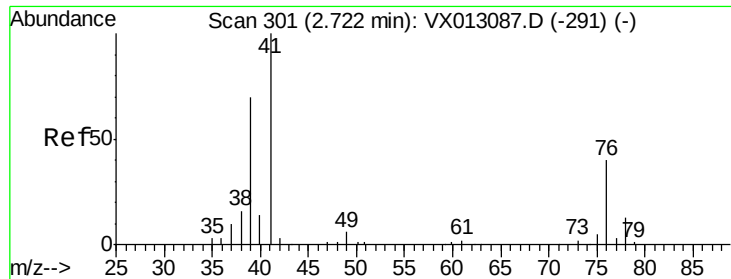
Tgt Ion: 76 Resp: 25636

Ion Ratio Lower Upper

76 100

78 10.1 7.8 11.6





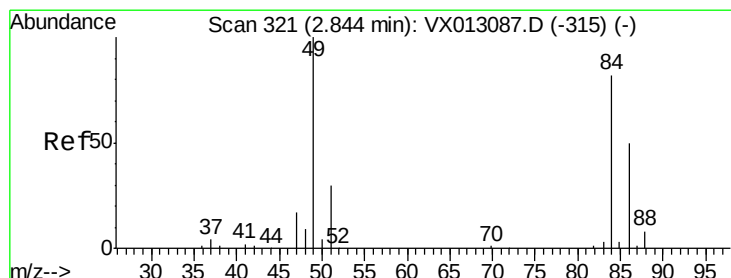
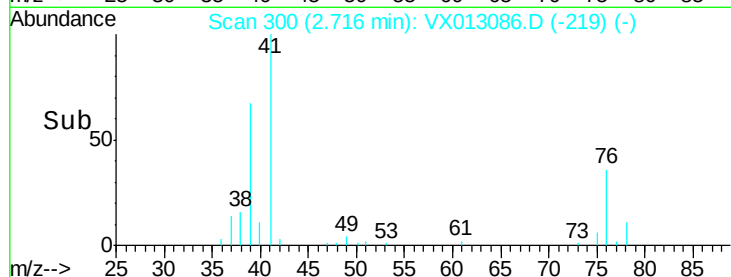
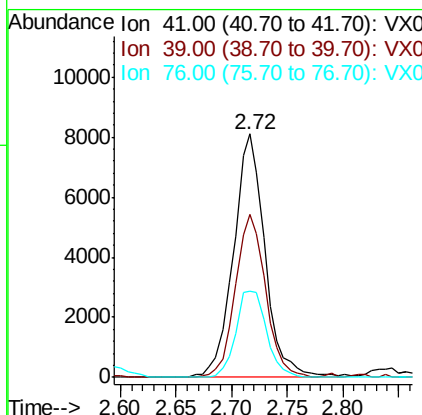
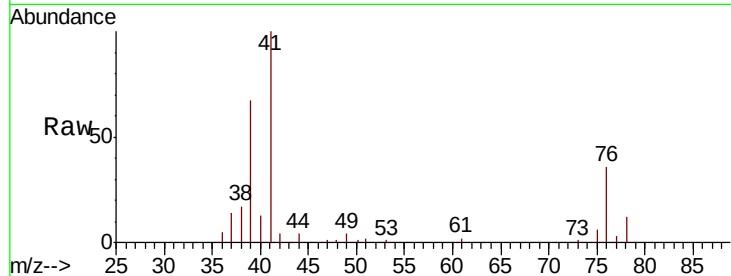
#17  
Allvl chloride  
Concen: 5.659 ug/l  
RT: 2.72 min Scan# 300  
Delta R.T. -0.01 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 67.1  | 34.8  | 104.5 |
| 76      | 35.6  | 20.2  | 60.5  |

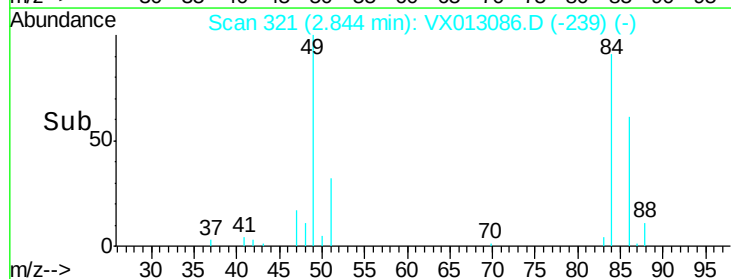
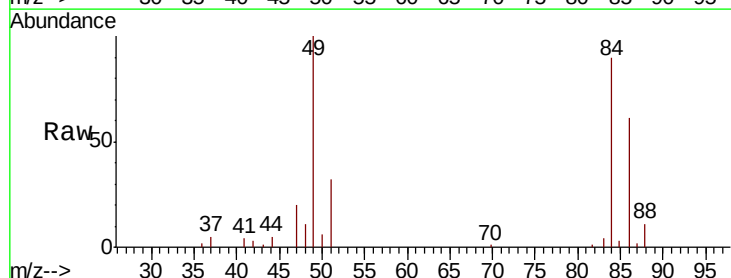
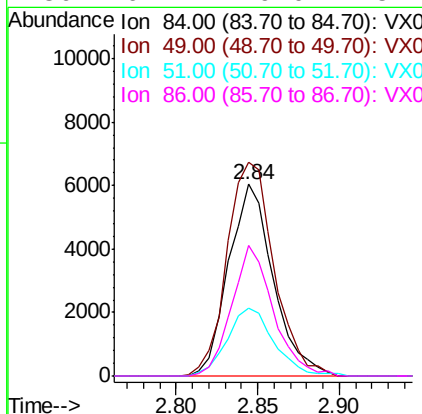
Manual Integrations  
APPROVED

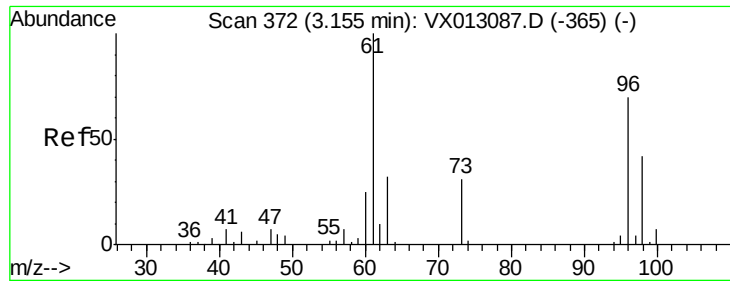
MMDadoda  
10/18/2019 4:51:40 PM



#18  
Methylene Chloride  
Concen: 5.536 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 111.3 | 97.8  | 146.6 |
| 51      | 35.4  | 29.2  | 43.8  |
| 86      | 67.7  | 49.0  | 73.4  |





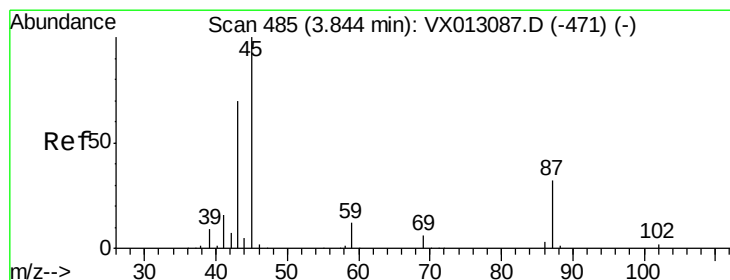
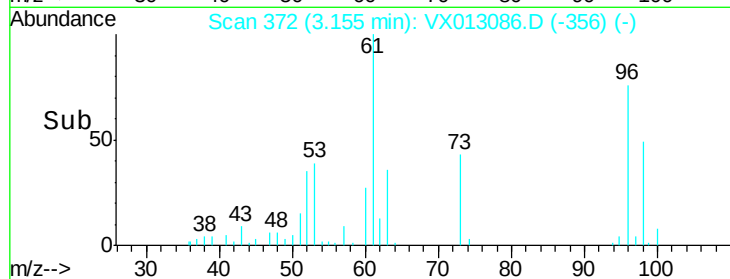
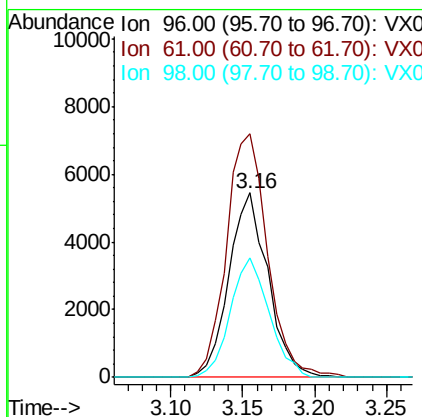
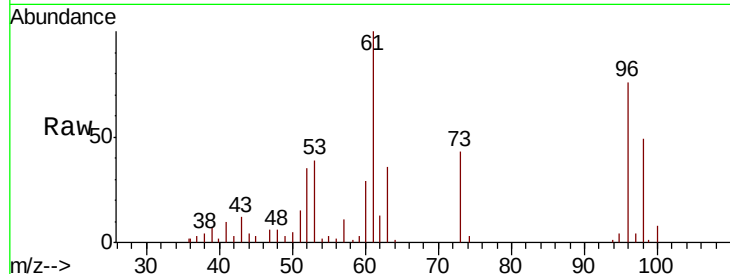
#19  
trans-1,2-Dichloroethene  
Concen: 5.233 ug/l  
RT: 3.16 min Scan# 372  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 131.9 | 113.9 | 170.9 |
| 98      | 64.4  | 48.1  | 72.1  |

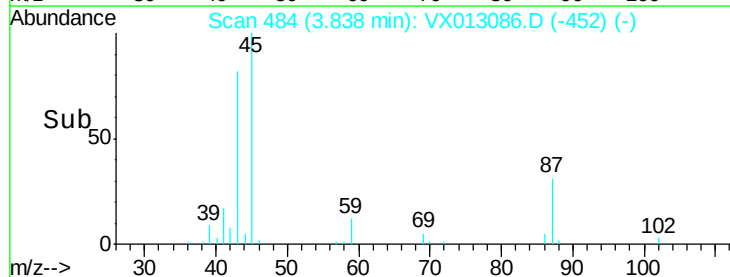
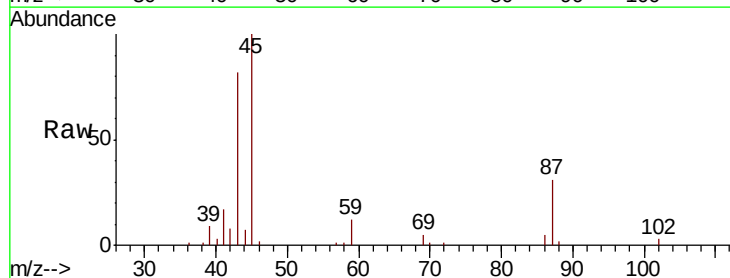
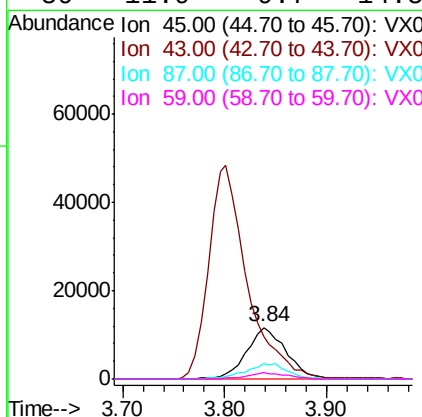
Manual Integrations  
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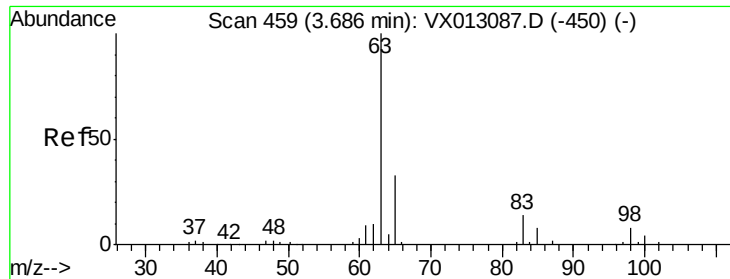
MMDadoda  
10/18/2019 4:51:40 PM



#20  
Diisopropyl ether  
Concen: 5.351 ug/l  
RT: 3.84 min Scan# 484  
Delta R.T. -0.01 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 78.9  | 57.5  | 86.3  |
| 87      | 30.9  | 25.3  | 37.9  |
| 59      | 11.9  | 9.7   | 14.5  |





#21

1,1-Dichloroethane

Concen: 5.306 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

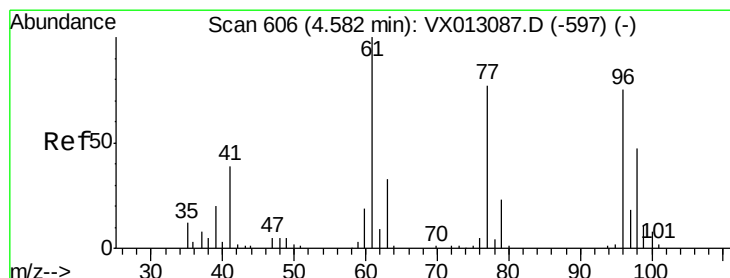
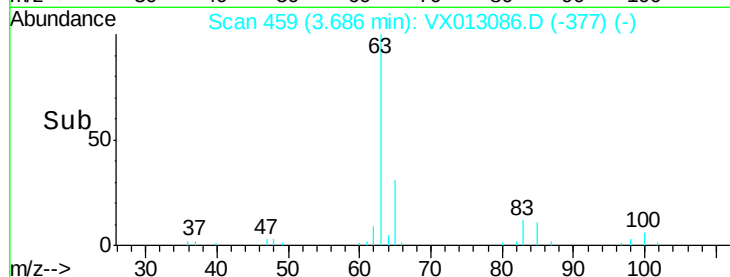
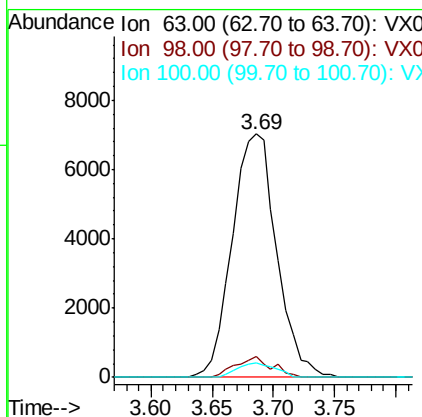
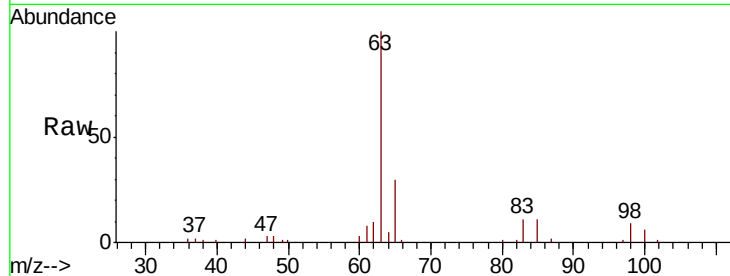
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 63    | Resp: | 17749 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 8.6   | 3.8   | 11.4  |
| 100      | 5.8   | 2.1   | 6.5   |

Manual Integrations  
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MMDadoda  
10/18/2019 4:51:40 PM



#22

cis-1,2-Dichloroethene

Concen: 5.517 ug/l

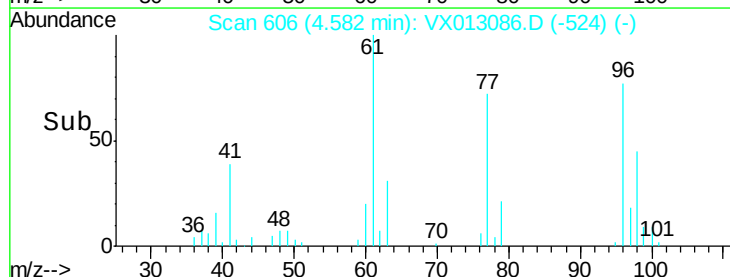
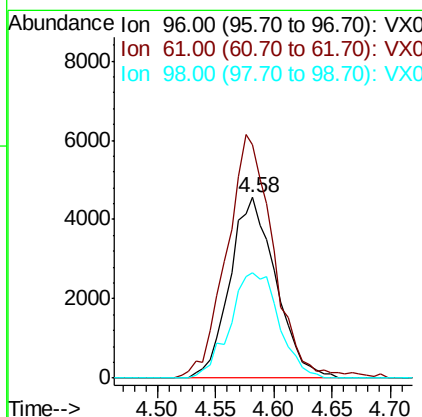
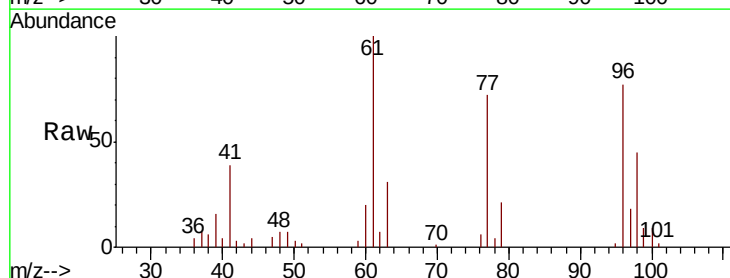
RT: 4.58 min Scan# 606

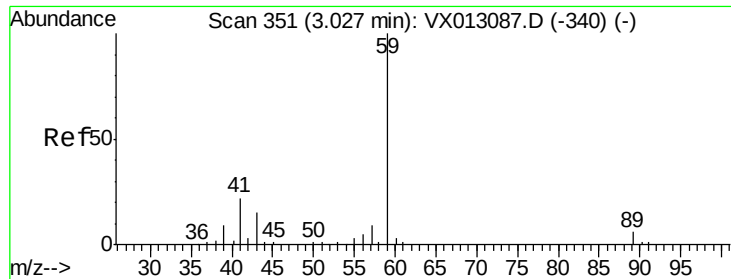
Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 12527 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 133.9 | 115.0 | 172.4 |
| 98       | 61.7  | 51.5  | 77.3  |





#23

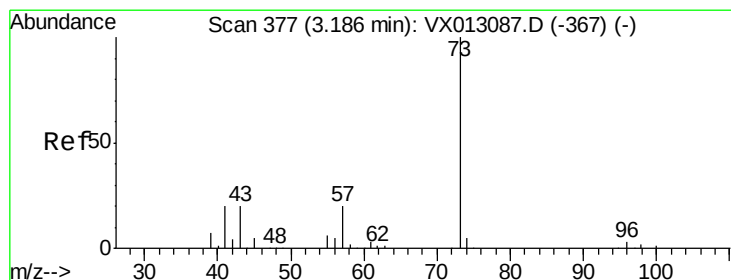
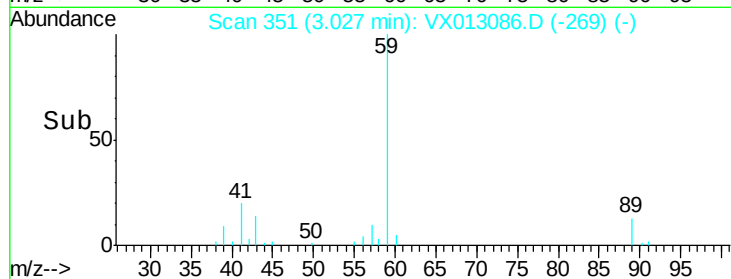
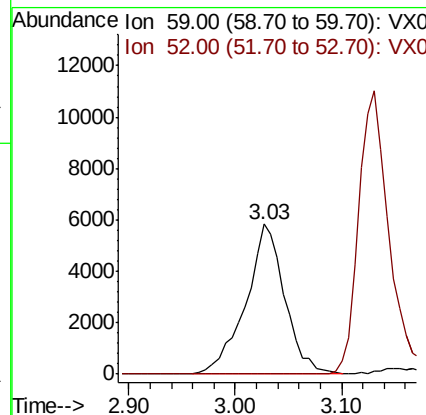
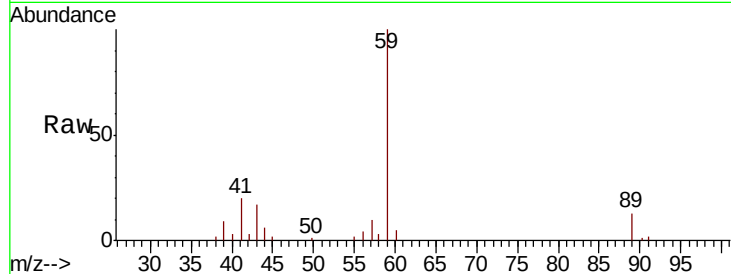
tert-Butyl Alcohol  
Concen: 27.820 ug/l  
RT: 3.03 min Scan# 351  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | 59  | 52  | Ratio | Lower | Upper |
|---------|-----|-----|-------|-------|-------|
| 14986   | 100 | 0.0 | 0.1   | 0.1   |       |

Manual Integrations  
APPROVED

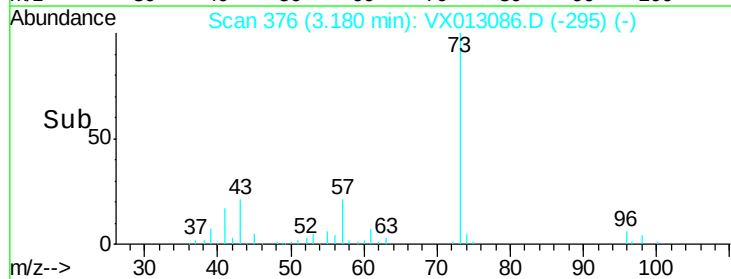
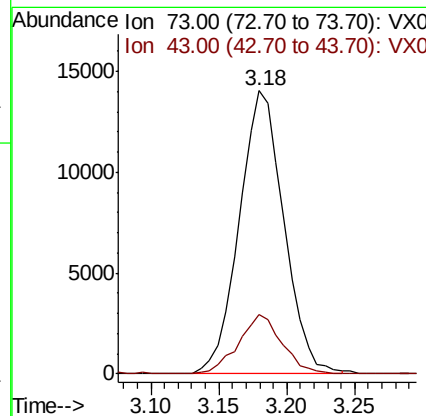
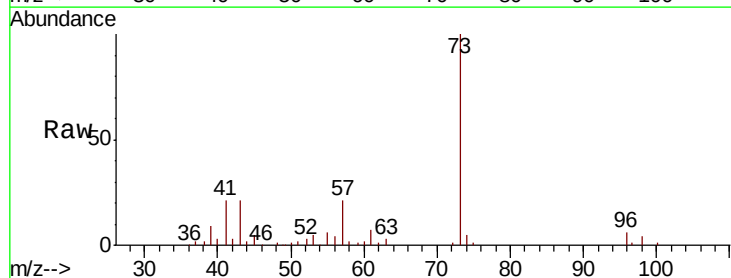
MMDadoda  
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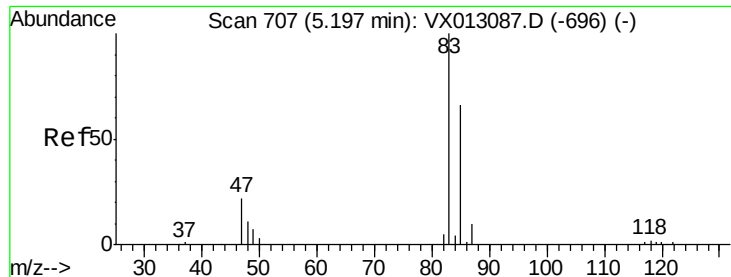
#24

Methyl tert-Butyl Ether  
Concen: 5.283 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | 73  | 43   | Ratio | Lower | Upper |
|---------|-----|------|-------|-------|-------|
| 32192   | 100 | 20.3 | 15.8  | 23.8  |       |







#25

Chloroform

Concen: 5.255 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 19068

Ion Ratio Lower Upper

83 100

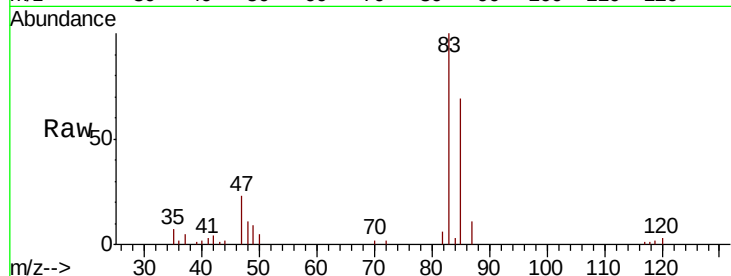
85 68.8 53.0 79.6

Manual Integrations

APPROVED

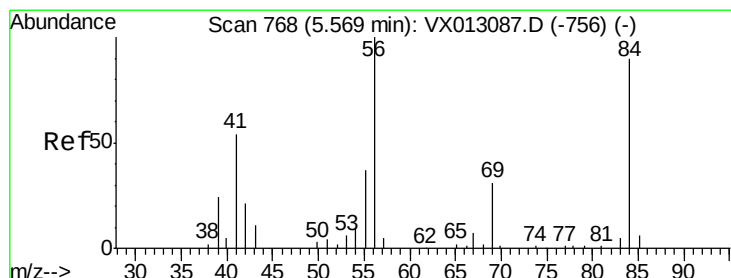
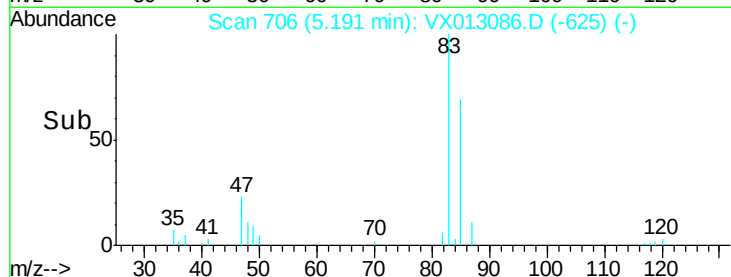
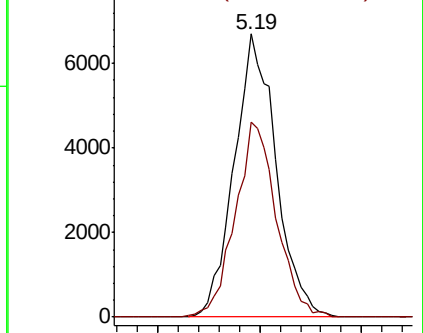
MMDadoda

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 5.578 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

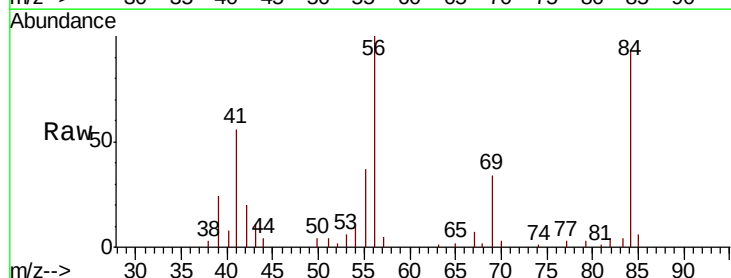
Tgt Ion: 56 Resp: 16977

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

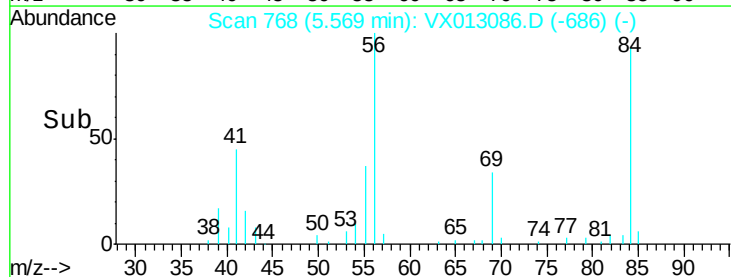
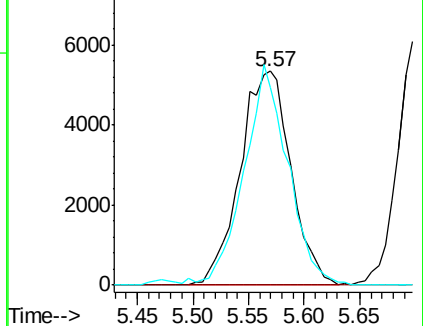
84 88.5 71.3 106.9

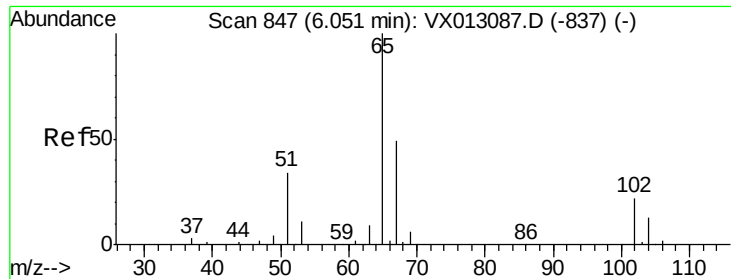


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





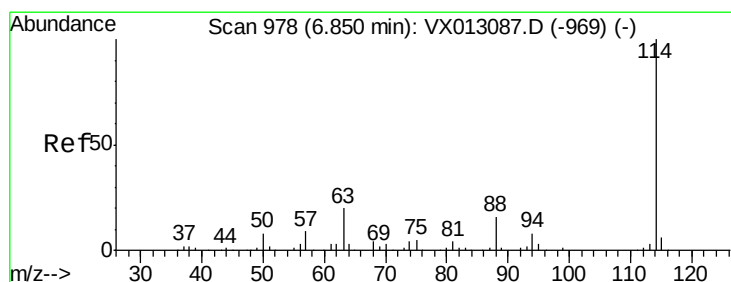
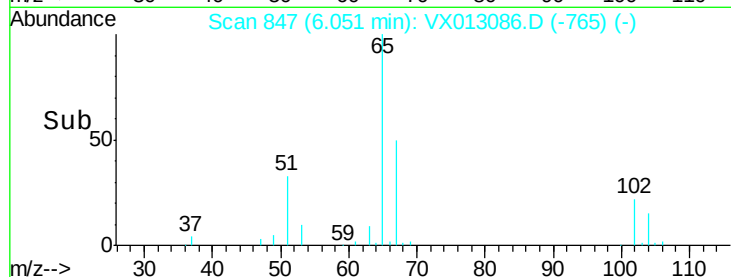
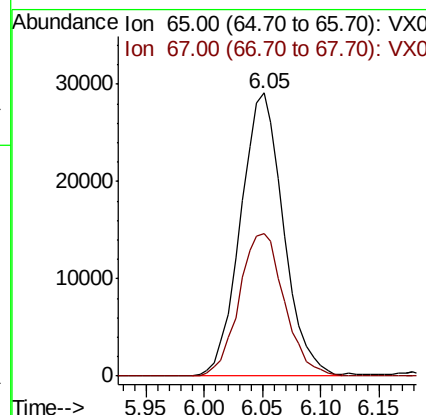
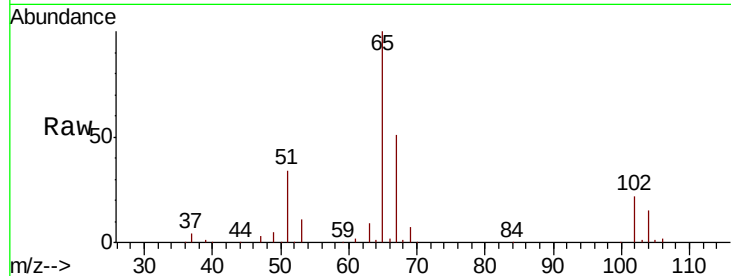
#27  
1,2-Dichloroethane-d4  
Concen: 32.311 ug/l  
RT: 6.05 min Scan# 847  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tot Ion: 65 Resp: 74852  
Ion Ratio Lower Upper  
65 100  
67 53.0 41.2 61.8

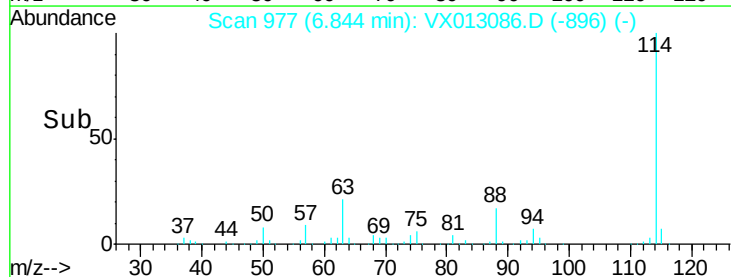
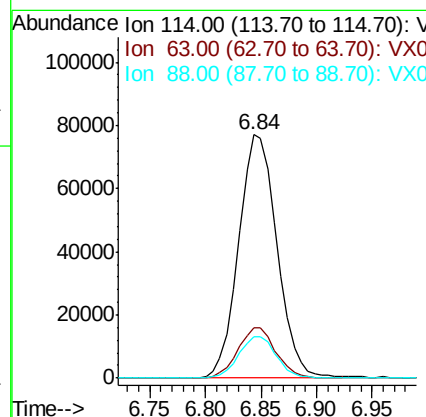
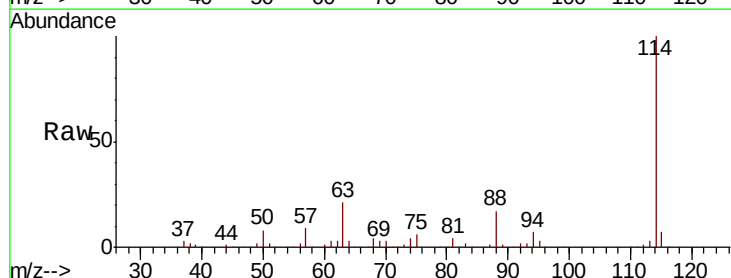
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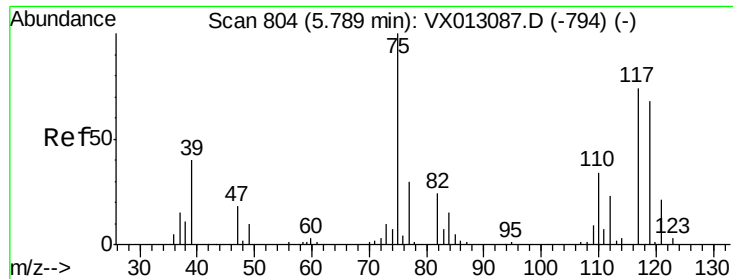
MMDadoda  
10/18/2019 4:51:40 PM



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.84 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Tgt Ion: 114 Resp: 184529  
Ion Ratio Lower Upper  
114 100  
63 20.3 16.5 24.7  
88 16.8 13.6 20.4





#29

1,1-Dichloropropene

Concen: 5.391 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

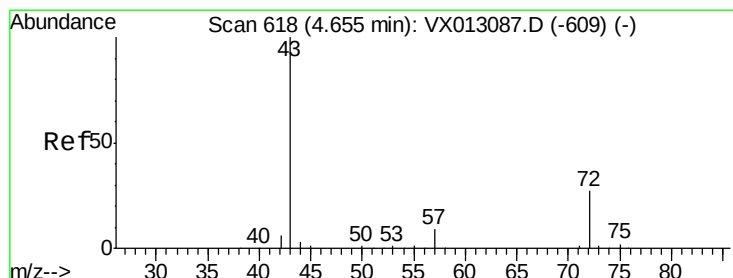
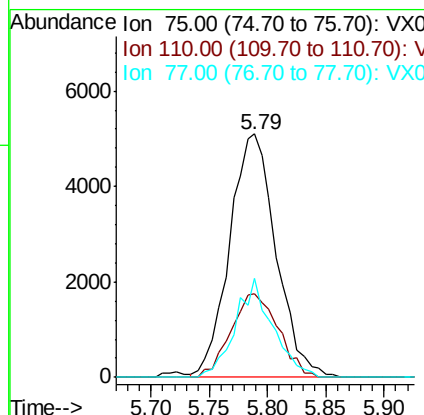
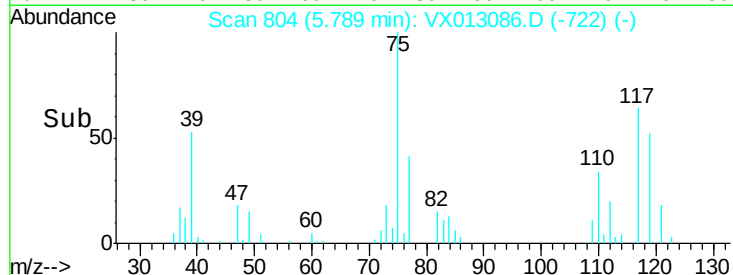
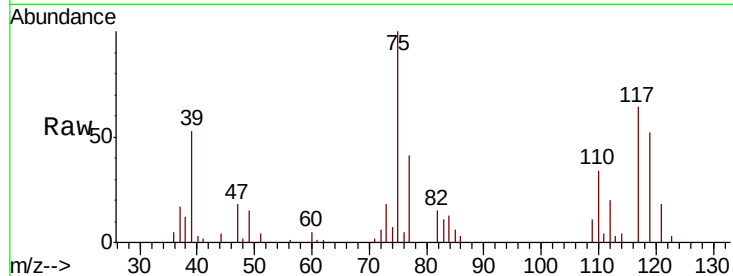
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 14148 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 34.9  | 0.0   | 72.2  |
| 77        | 32.7  | 0.0   | 62.8  |

Manual Integrations  
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#30

2-Butanone

Concen: 26.177 ug/l

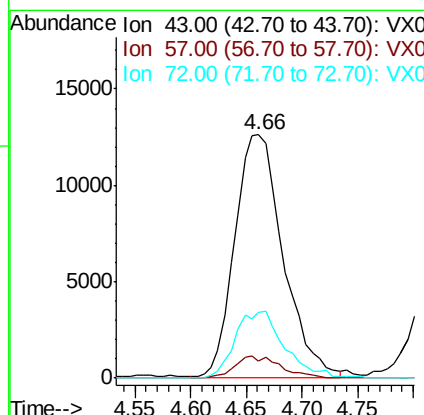
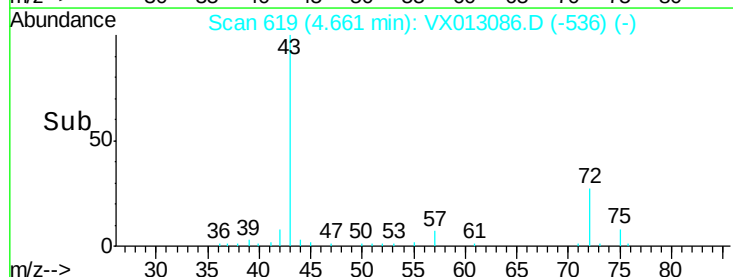
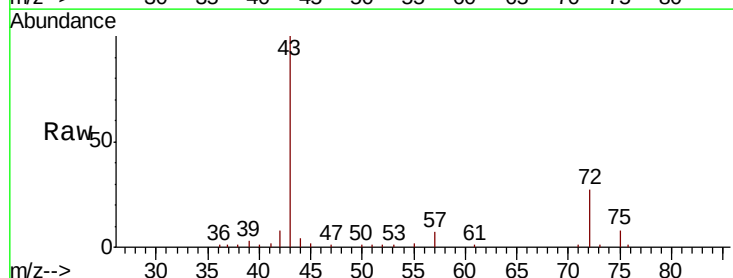
RT: 4.66 min Scan# 619

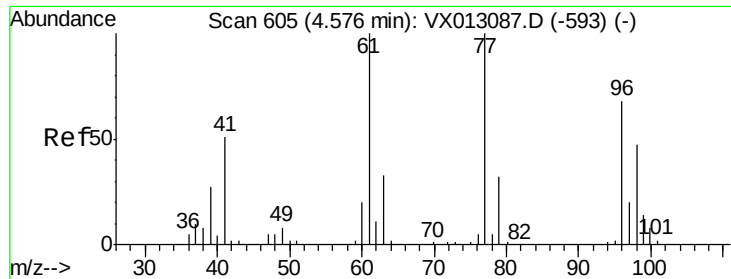
Delta R.T. 0.01 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 38235 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 57        | 8.6   | 6.9   | 10.3  |
| 72        | 27.0  | 22.1  | 33.1  |





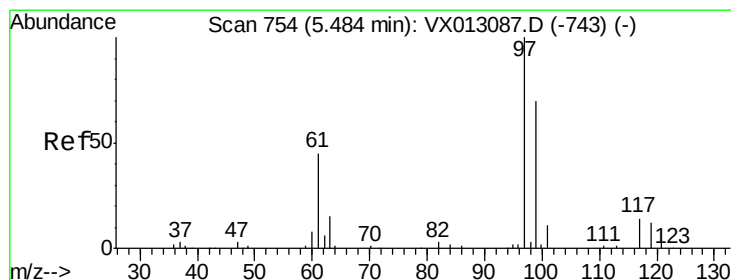
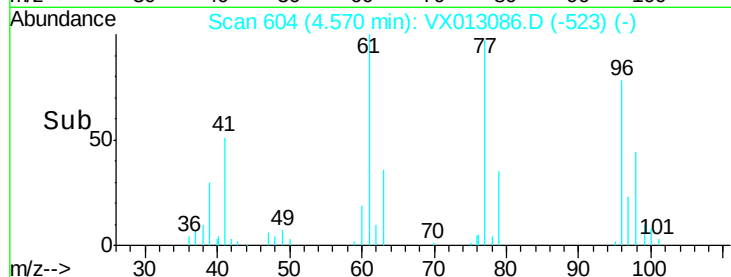
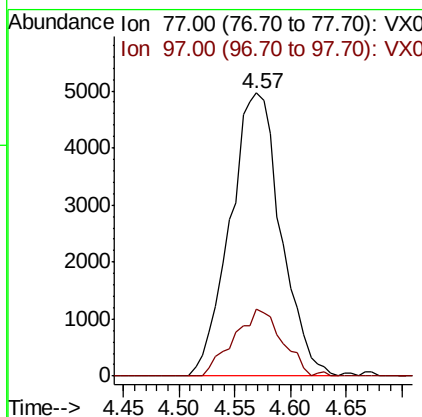
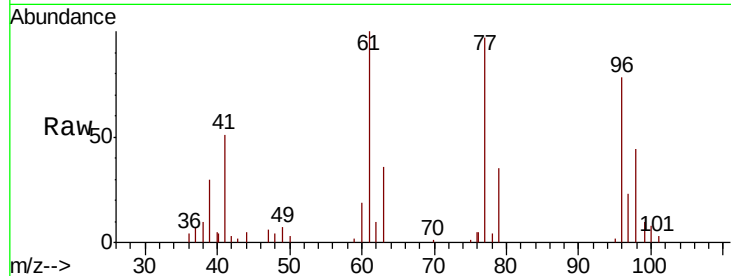
#31  
 2,2-Dichloropropane  
 Concen: 6.377 ug/l  
 RT: 4.57 min Scan# 604  
 Delta R.T. -0.01 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 77 Resp: 15747  
 Ion Ratio Lower Upper  
 77 100  
 97 22.1 17.8 26.6

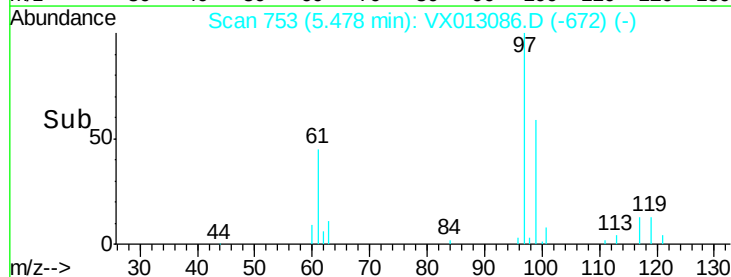
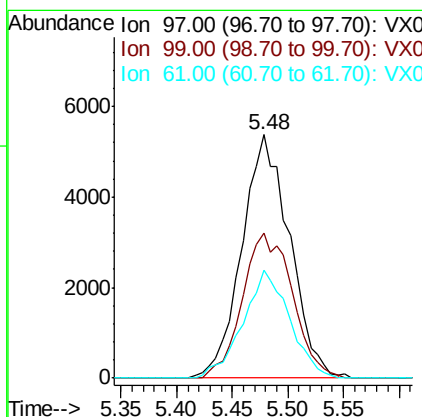
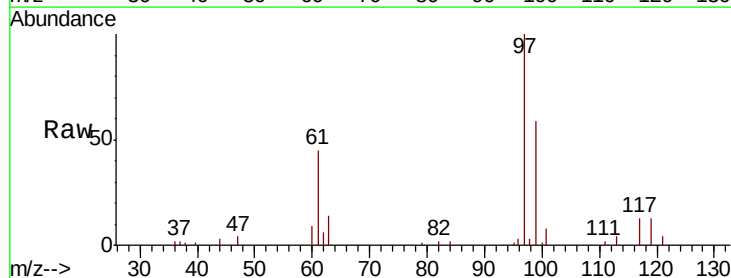
Manual Integrations  
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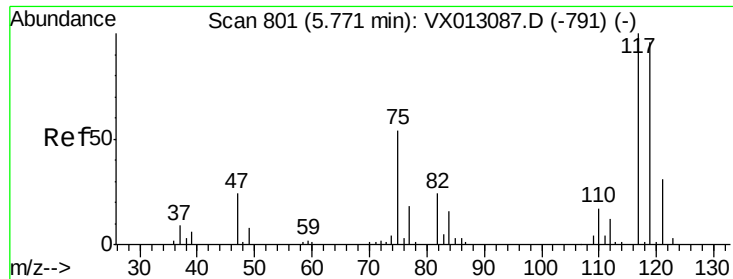
MMDadoda  
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#32  
 1,1,1-Trichloroethane  
 Concen: 5.061 ug/l  
 RT: 5.48 min Scan# 753  
 Delta R.T. -0.01 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

Tgt Ion: 97 Resp: 16039  
 Ion Ratio Lower Upper  
 97 100  
 99 36.4 52.4 78.6#  
 61 43.2 35.1 52.7





#33

Carbon Tetrachloride

Concen: 4.807 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.01 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

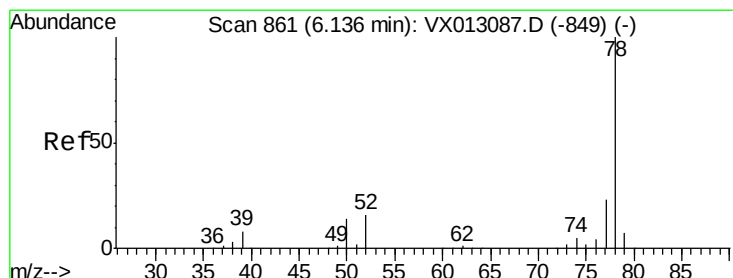
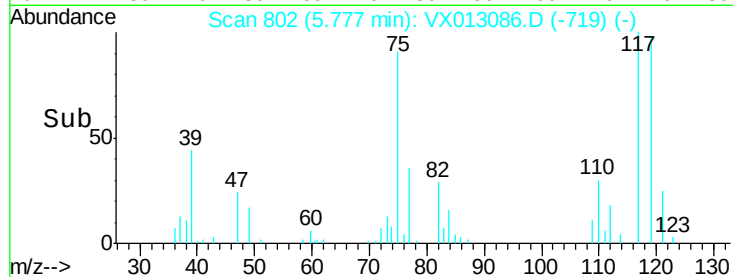
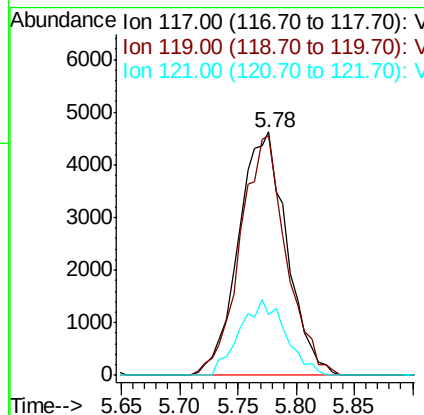
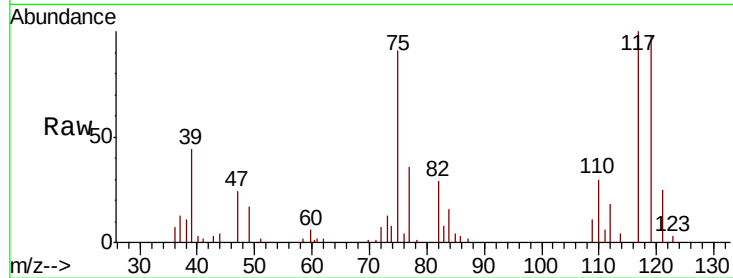
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 117   | Resp: | 13277 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 98.2  | 77.0  | 115.4 |
| 121      | 24.8  | 24.6  | 36.8  |

Manual Integrations  
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#34

Benzene

Concen: 5.230 ug/l

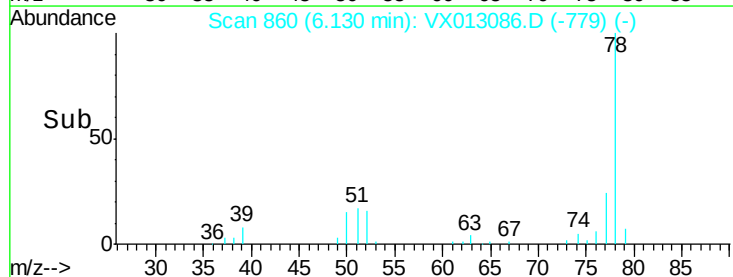
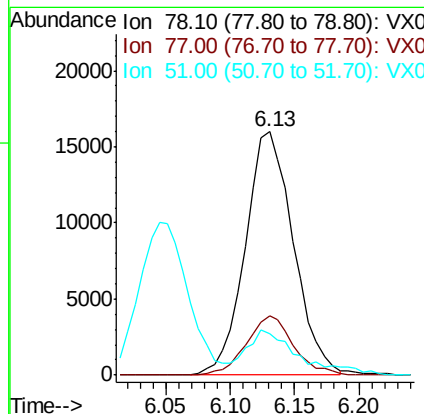
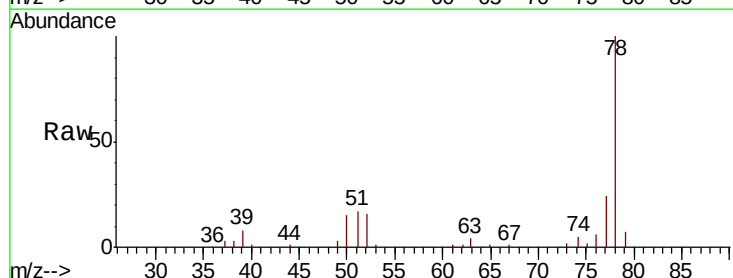
RT: 6.13 min Scan# 860

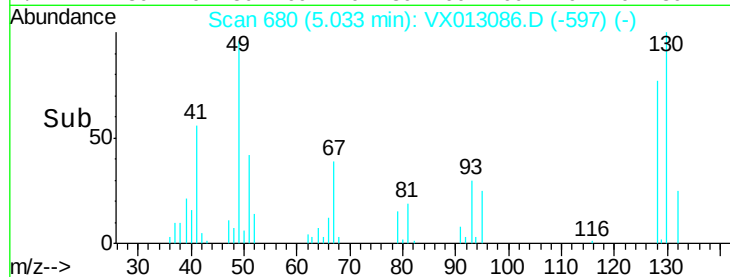
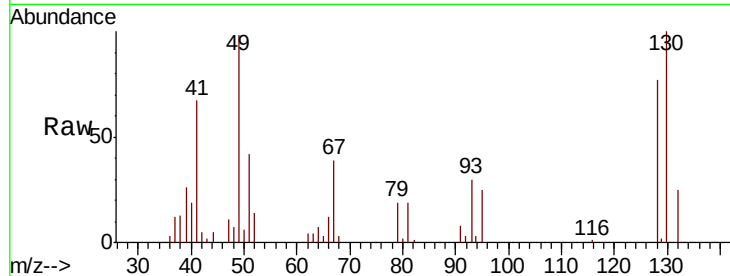
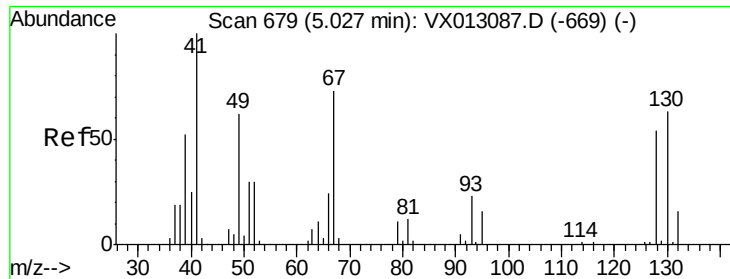
Delta R.T. -0.01 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

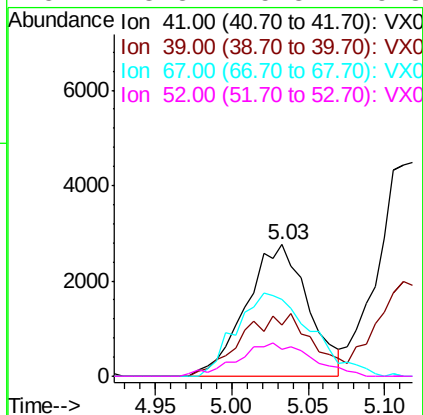
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 41351 |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 24.2  | 18.5  | 27.7  |
| 51       | 13.7  | 12.1  | 18.1  |





#35  
Methacrylonitrile  
Concen: 5.189 ug/l  
RT: 5.03 min Scan# 680  
Delta R.T. 0.01 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

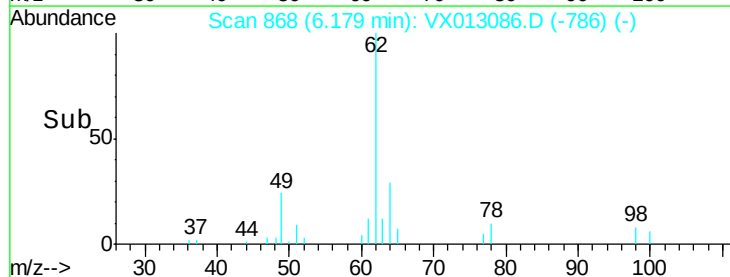
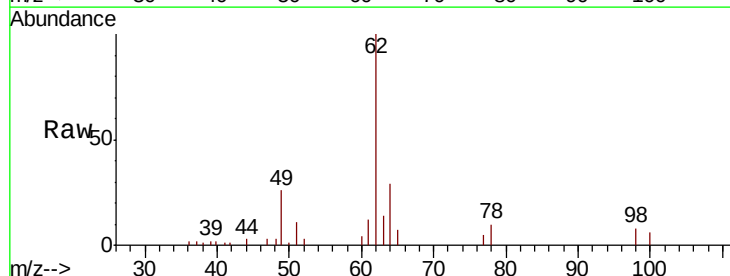
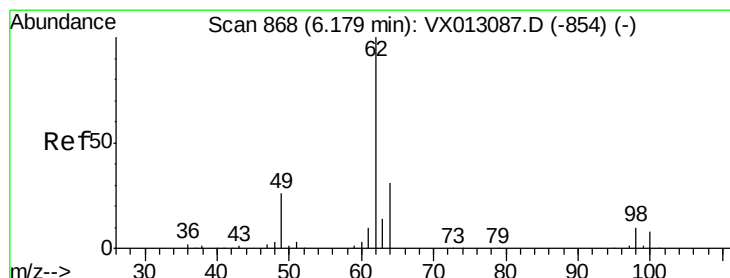
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 39.2  | 26.3  | 78.8  |
| 67      | 58.2  | 36.5  | 109.5 |
| 52      | 18.3  | 15.3  | 45.8  |



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

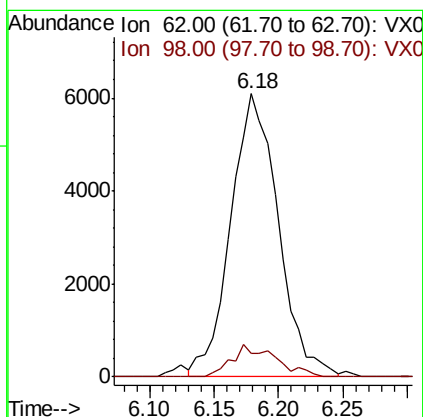
Manual Integrations  
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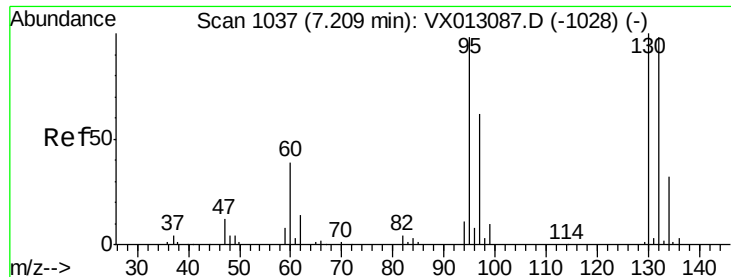
MMDadoda  
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#36  
1,2-Dichloroethane  
Concen: 5.473 ug/l  
RT: 6.18 min Scan# 868  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 6.4   | 7.8   | 11.6# |





#37

Trichloroethene

Concen: 4.891 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:130 Resp: 11106

Ion Ratio Lower Upper

130 100

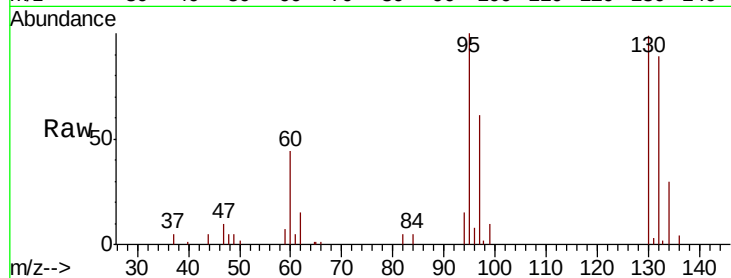
95 101.4 78.4 117.6

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

6000

5000

4000

3000

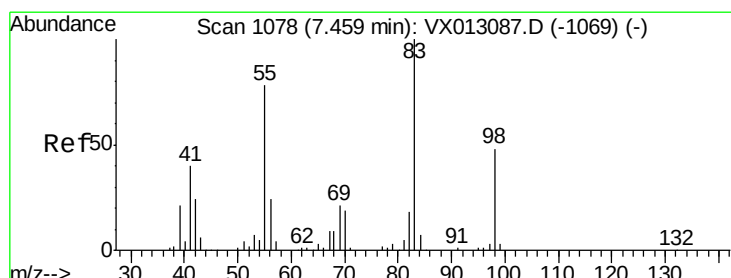
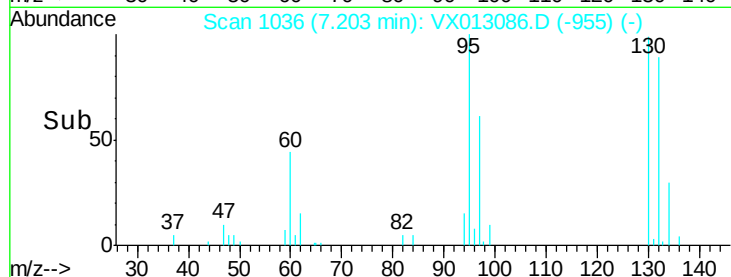
2000

1000

0

7.15 7.20 7.25

Time-->



#38

Methylcyclohexane

Concen: 5.086 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

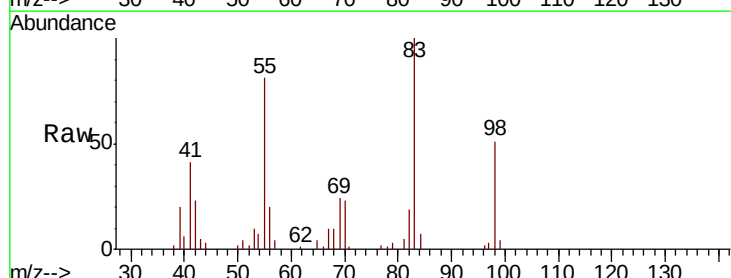
Tgt Ion: 83 Resp: 16723

Ion Ratio Lower Upper

83 100

55 78.9 38.3 114.8

98 51.7 24.9 74.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

10000

8000

6000

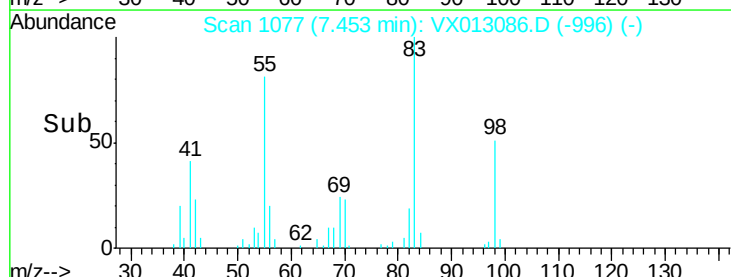
4000

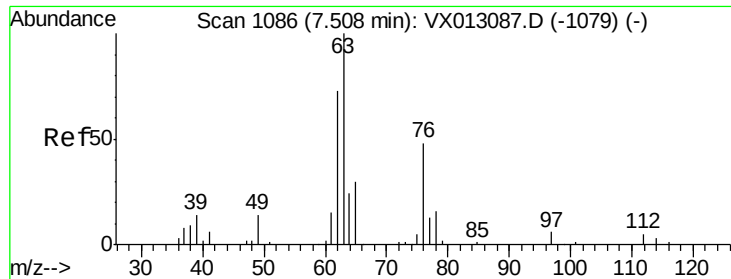
2000

0

7.40 7.45 7.50

Time-->





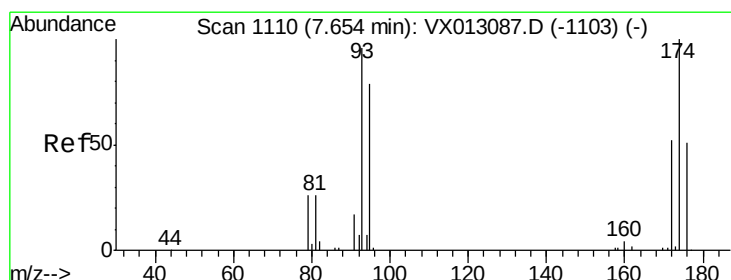
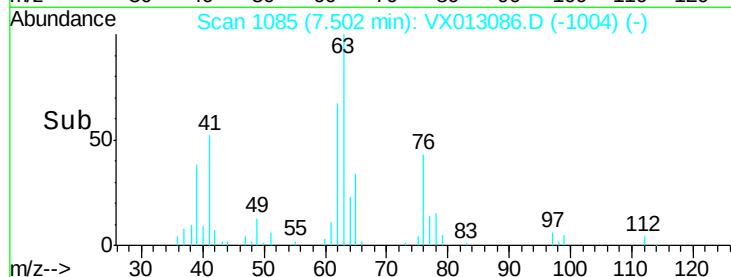
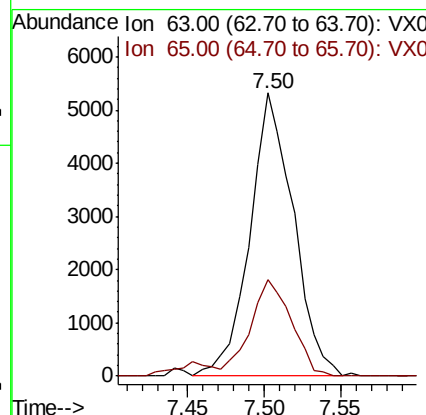
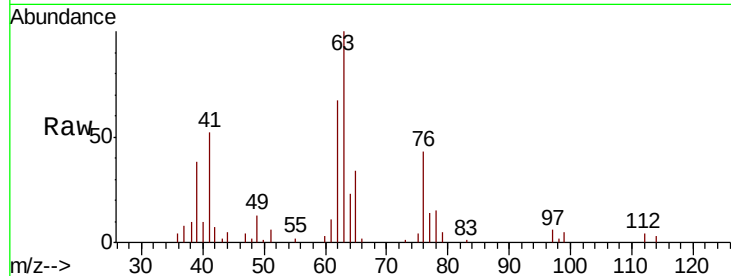
#39  
 1,2-Dichloropropane  
 Concen: 5.308 ug/l  
 RT: 7.50 min Scan# 1085  
 Delta R.T. -0.01 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 63 Resp: 10531  
 Ion Ratio Lower Upper  
 63 100  
 65 34.0 25.6 38.4

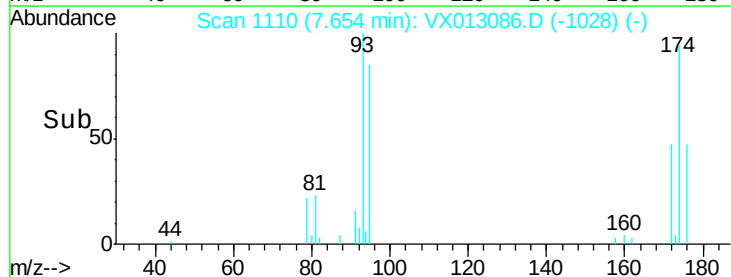
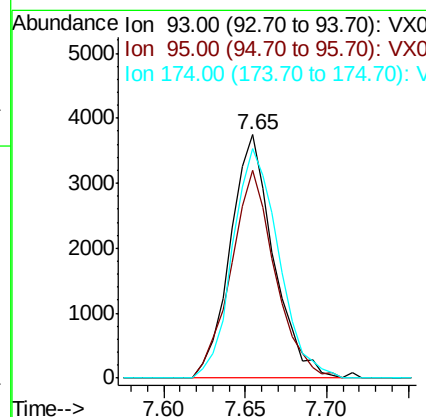
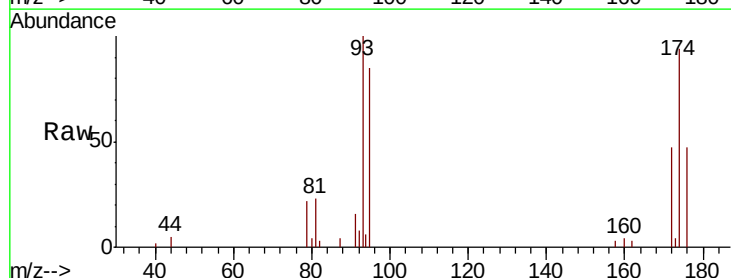
Manual Integrations  
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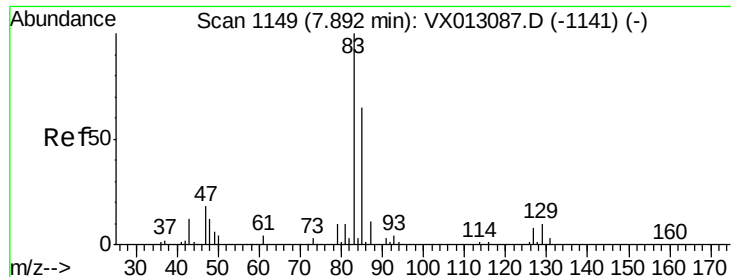


#40  
 Dibromomethane  
 Concen: 4.841 ug/l  
 RT: 7.65 min Scan# 1110  
 Delta R.T. 0.00 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

Tgt Ion: 93 Resp: 6907  
 Ion Ratio Lower Upper  
 93 100  
 95 87.1 0.0 171.2  
 174 100.5 0.0 208.2







#41

Bromodichloromethane

Concen: 4.890 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

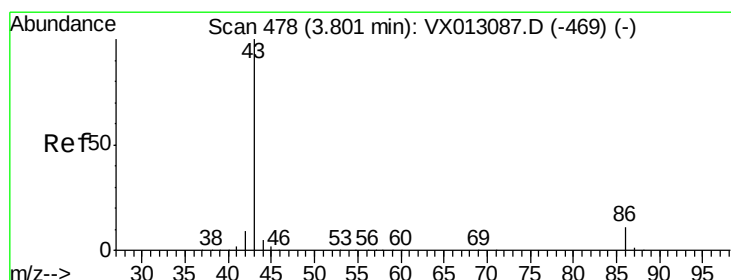
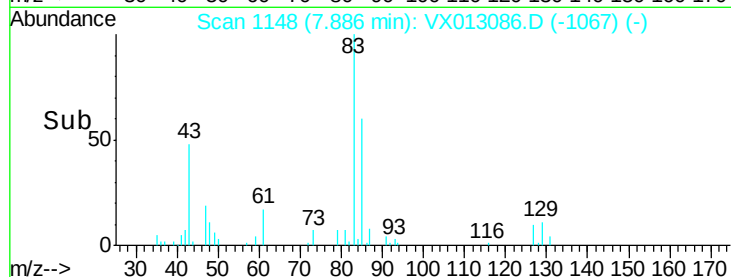
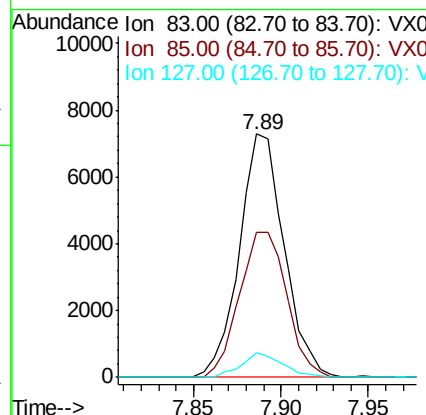
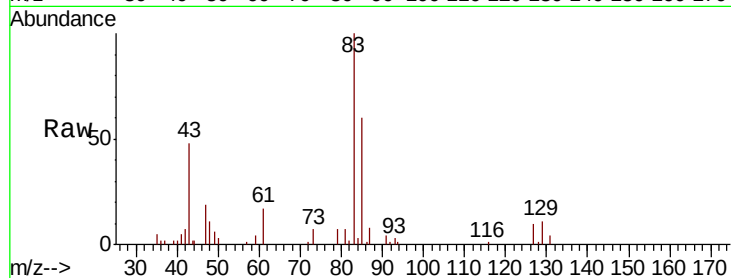
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 13054 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 59.8  | 51.8  | 77.8  |
| 127      | 10.3  | 6.7   | 10.1# |

Manual Integrations  
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#42

Vinyl Acetate

Concen: 26.436 ug/l

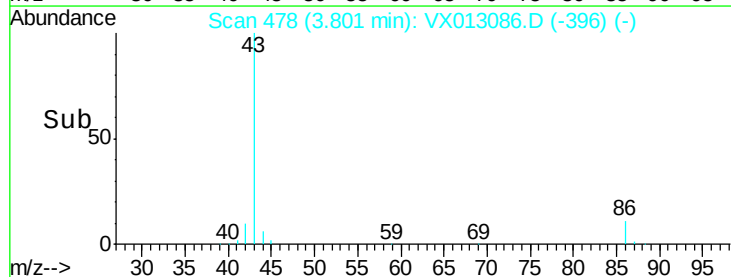
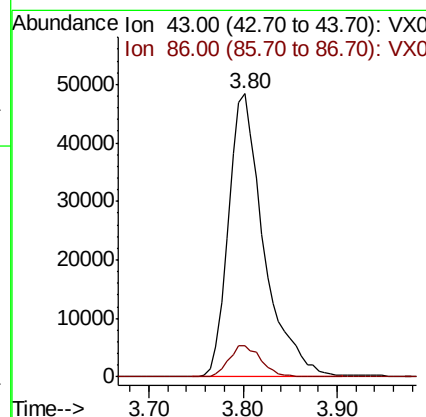
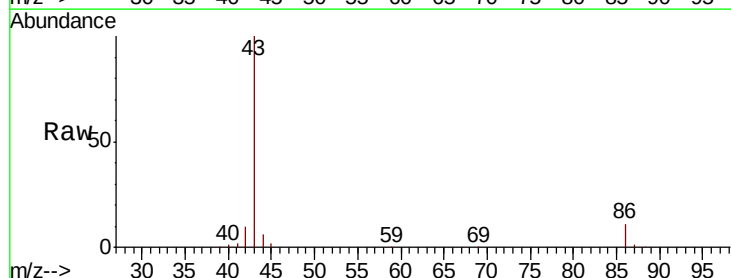
RT: 3.80 min Scan# 478

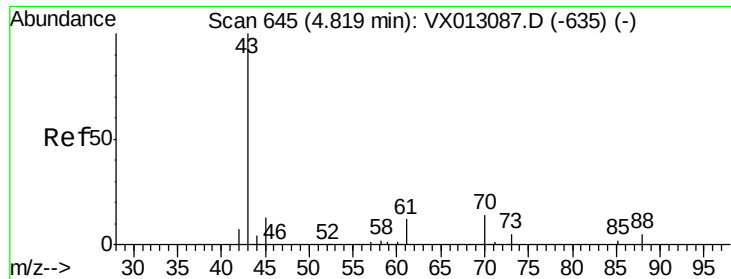
Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 126804 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 86       | 10.0  | 8.2   | 12.2   |





#43

Ethyl Acetate

Concen: 5.480 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 14979

Ion Ratio Lower Upper

43 100

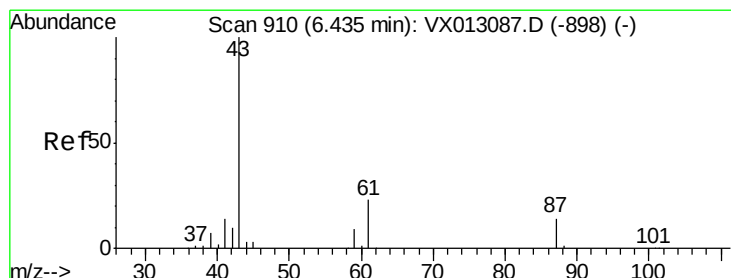
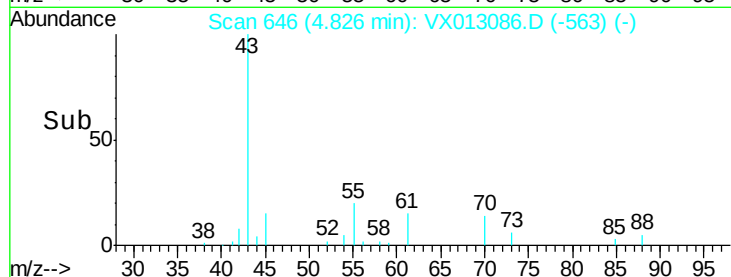
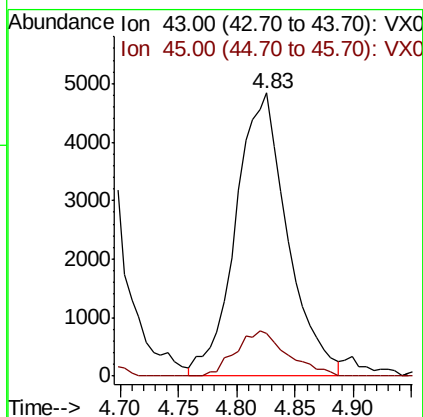
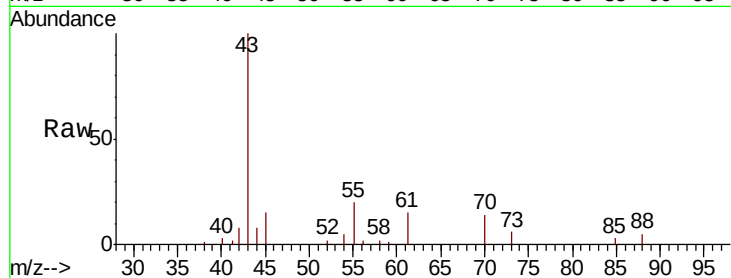
45 15.9 12.8 19.2

Manual Integrations

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#44

Isopropyl Acetate

Concen: 4.840 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013086.D

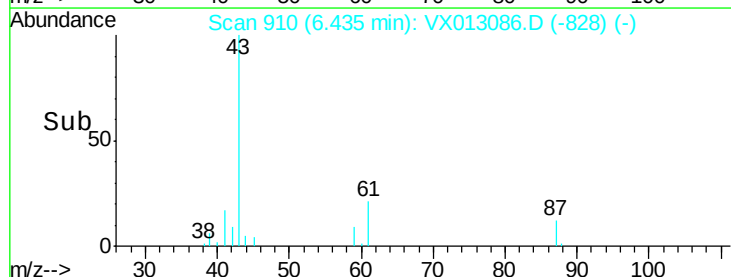
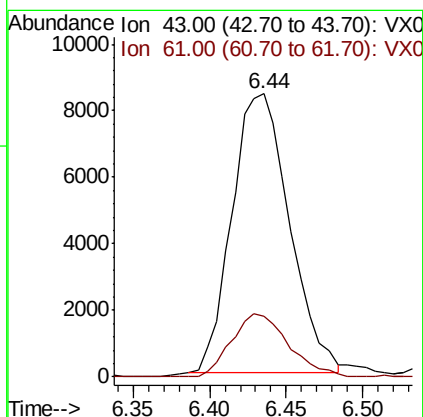
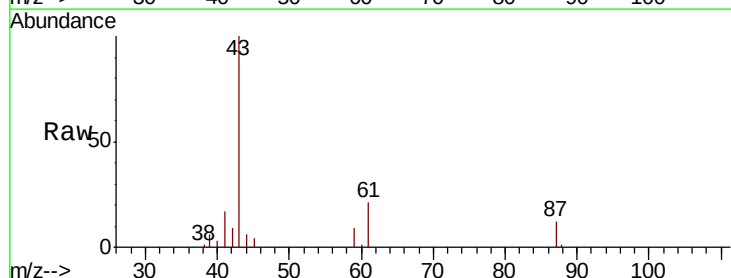
Acq: 16 Oct 2019 10:34

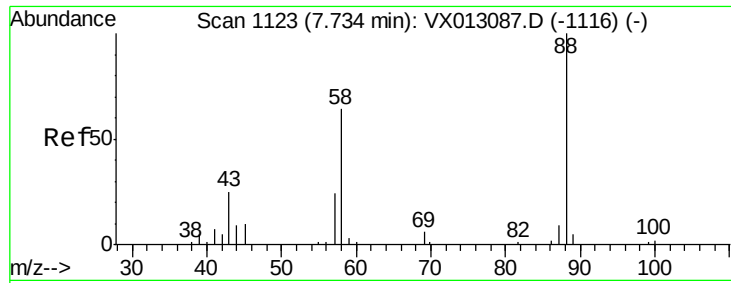
Tgt Ion: 43 Resp: 21752

Ion Ratio Lower Upper

43 100

61 22.5 16.7 25.1





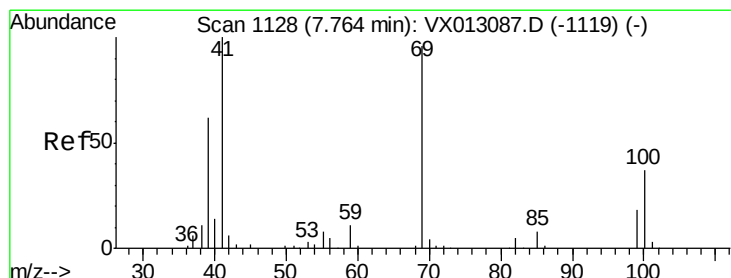
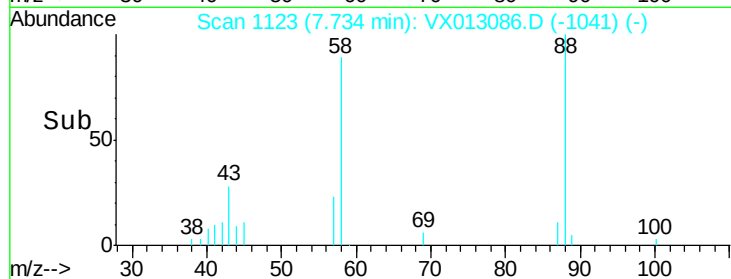
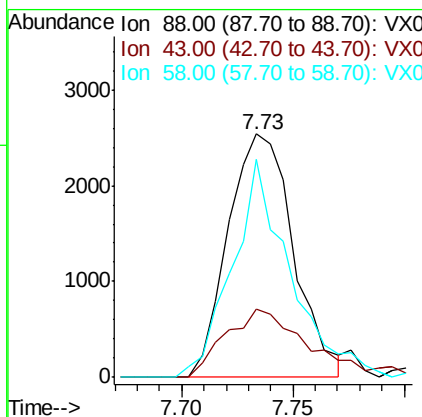
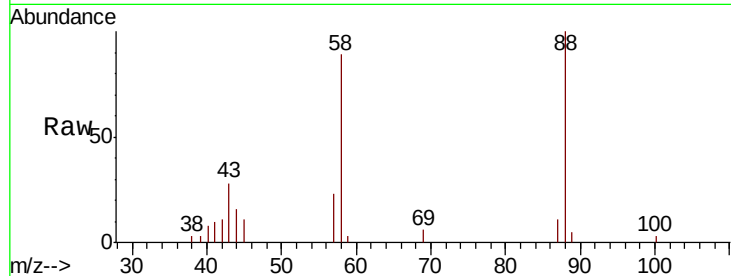
#45  
1,4-Dioxane  
Concen: 91.380 ug/l  
RT: 7.73 min Scan# 1123  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.3  | 26.0  | 39.0  |
| 58      | 79.5  | 53.0  | 79.4# |

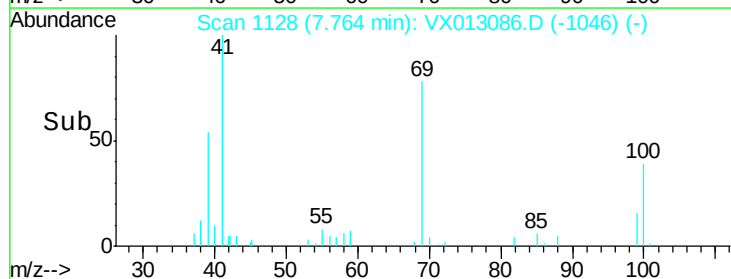
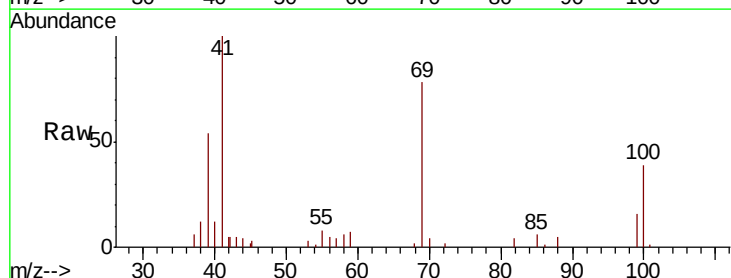
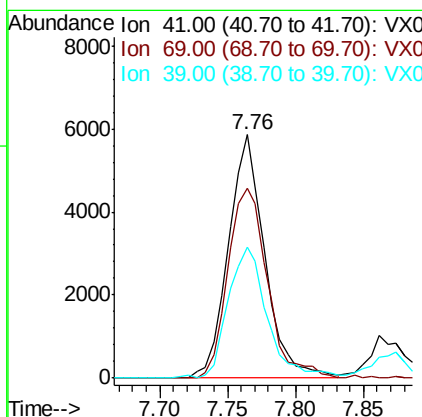
Manual Integrations  
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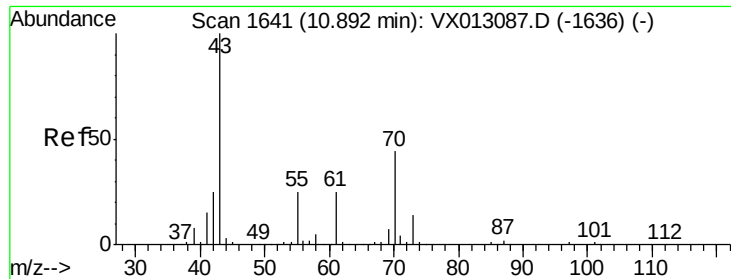
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#46  
Methyl methacrylate  
Concen: 5.035 ug/l  
RT: 7.76 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 78.0  | 48.1  | 144.3 |
| 39      | 52.9  | 31.2  | 93.6  |





#47

n-amvl Acetate

Concen: 4.429 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 17458

Ion Ratio Lower Upper

43 100

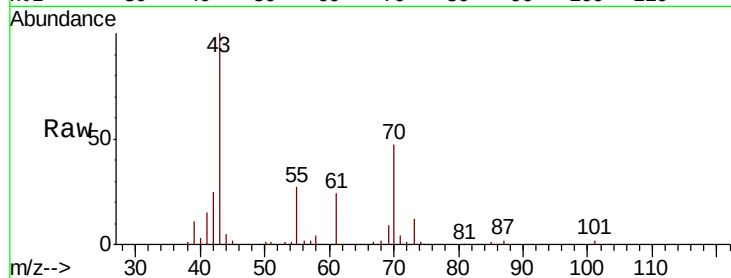
55 25.1 20.6 31.0

Manual Integrations

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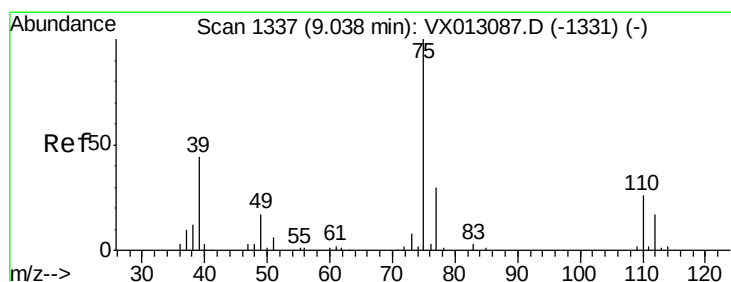
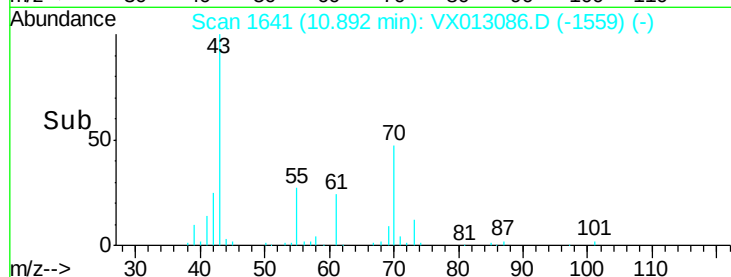
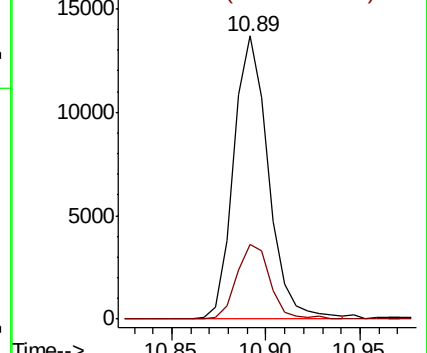
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 4.790 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013086.D

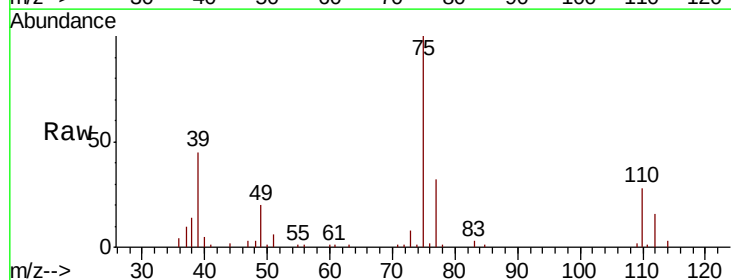
Acq: 16 Oct 2019 10:34

Tgt Ion: 75 Resp: 13560

Ion Ratio Lower Upper

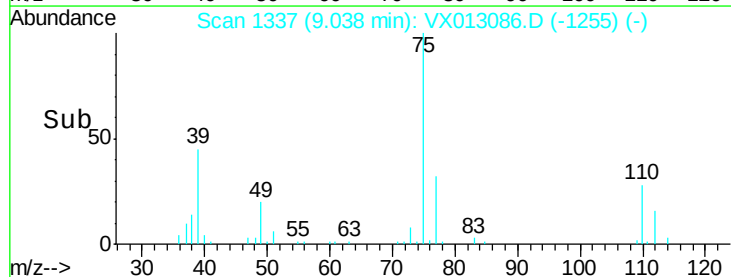
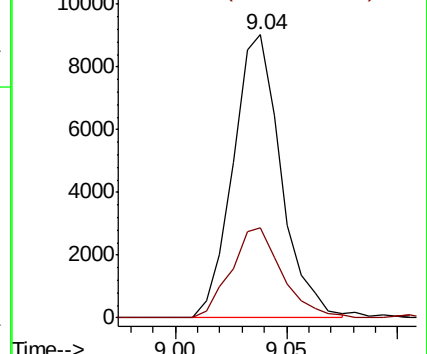
75 100

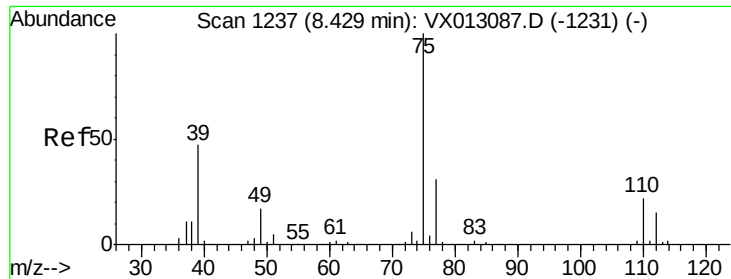
77 31.9 23.7 35.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





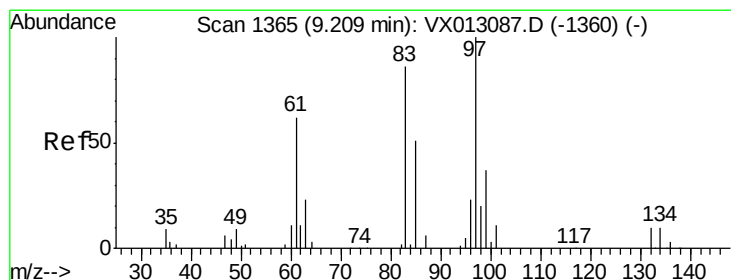
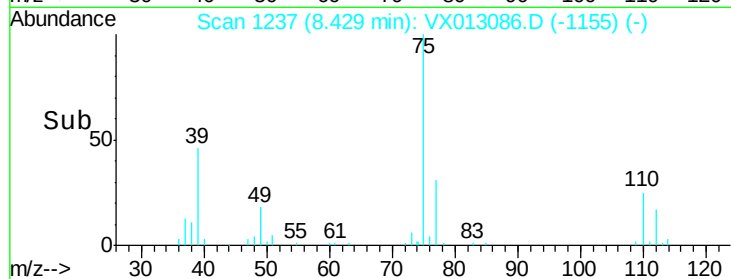
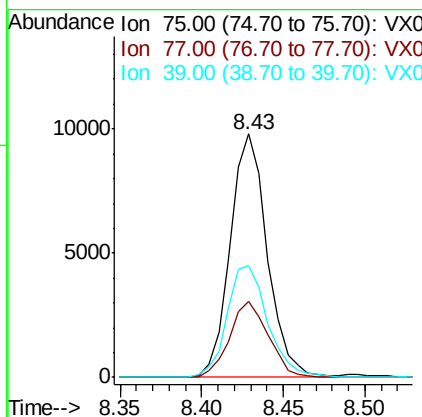
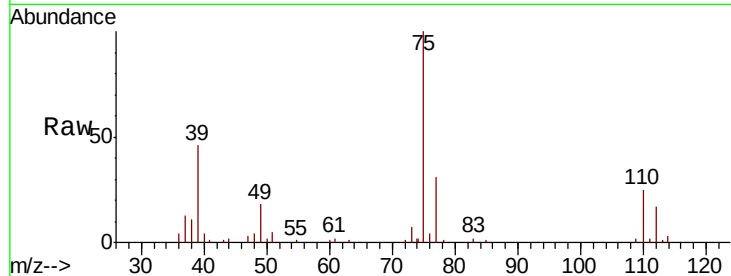
#49  
 cis-1,3-Dichloropropene  
 Concen: 5.012 ug/l  
 RT: 8.43 min Scan# 1237  
 Delta R.T. 0.00 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.0  | 24.7  | 37.1  |
| 39      | 45.8  | 37.4  | 56.0  |

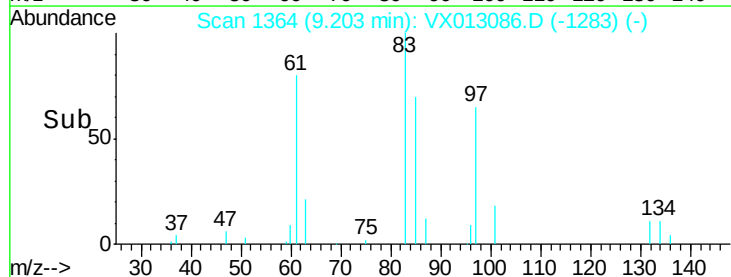
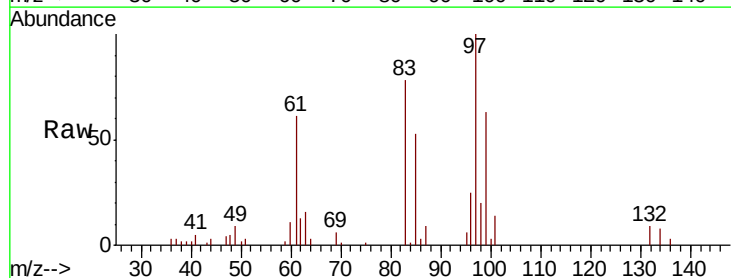
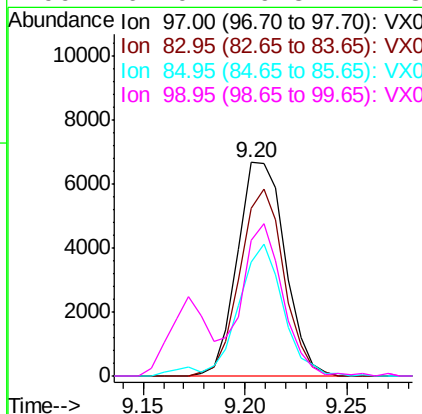
Manual Integrations  
 APPROVED

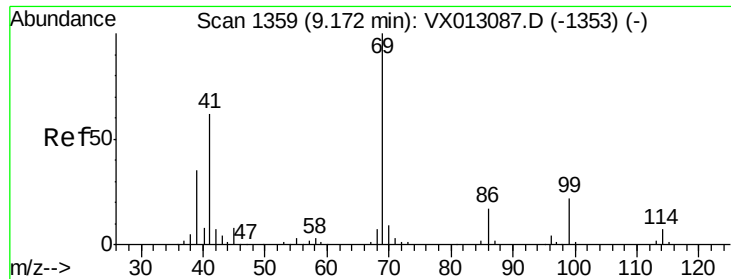
MMDadoda  
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#50  
 1,1,2-Trichloroethane  
 Concen: 5.157 ug/l  
 RT: 9.20 min Scan# 1364  
 Delta R.T. -0.01 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 78.4  | 68.1  | 102.1 |
| 85      | 52.0  | 42.6  | 64.0  |
| 99      | 62.0  | 49.8  | 74.8  |





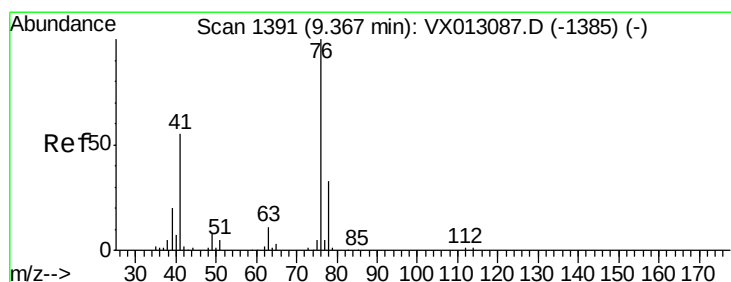
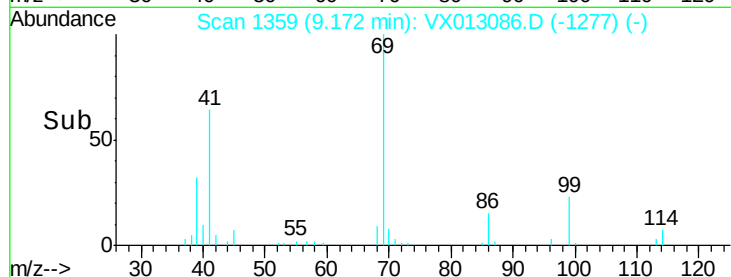
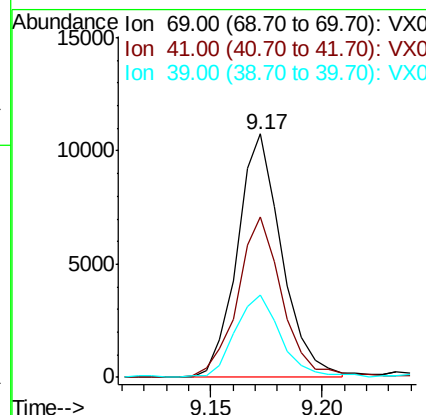
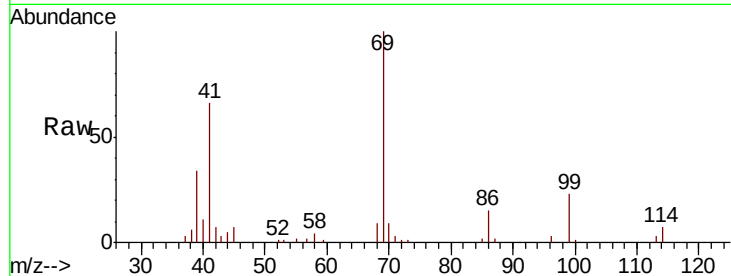
#51  
Ethyl methacrylate  
Concen: 4.574 ug/l  
RT: 9.17 min Scan# 1359  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 65.3  | 31.1  | 93.3  |
| 39      | 33.1  | 17.6  | 52.9  |

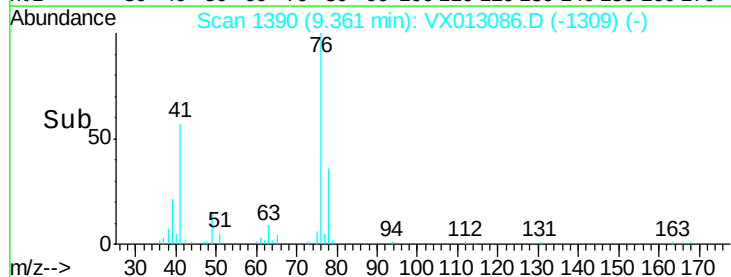
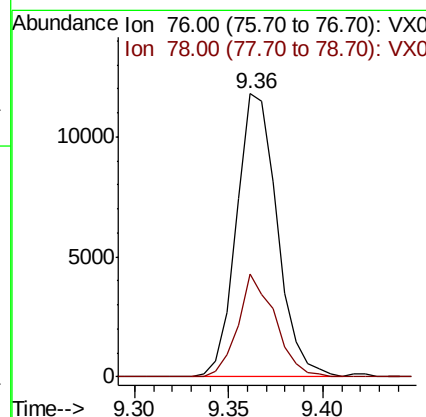
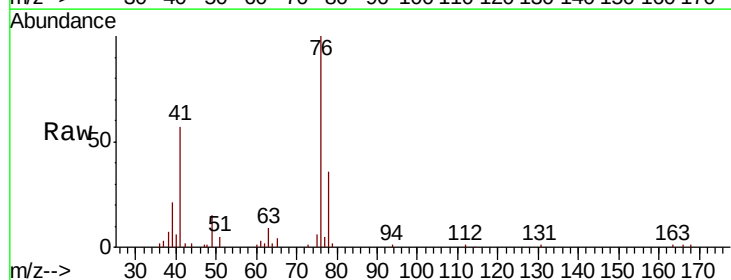
Manual Integrations  
APPROVED

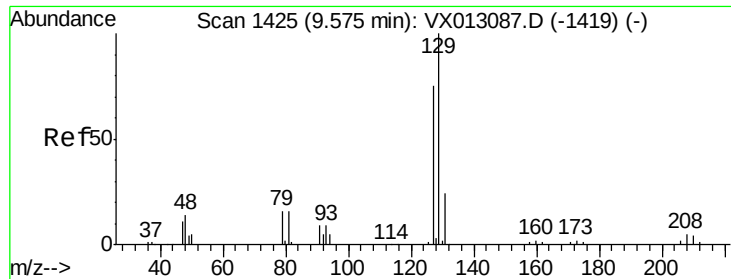
MMDadoda  
10/18/2019 4:51:40 PM



#52  
1,3-Dichloropropane  
Concen: 5.161 ug/l  
RT: 9.36 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 33.1  | 0.0   | 64.2  |





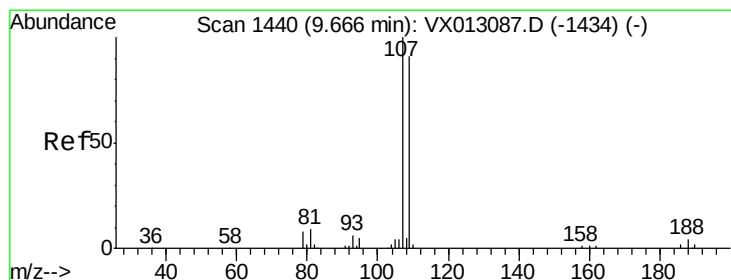
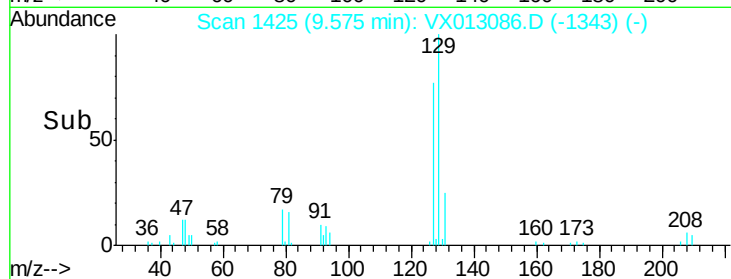
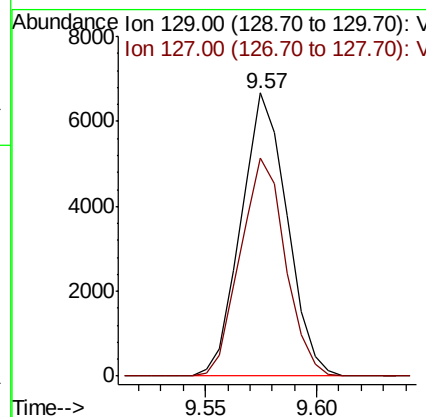
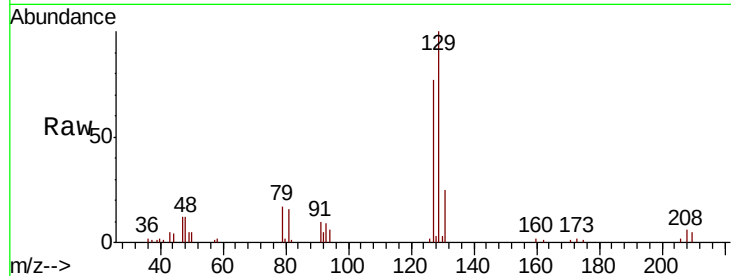
#53  
Dibromochloromethane  
Concen: 4.241 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 75.7  | 38.0  | 113.9 |

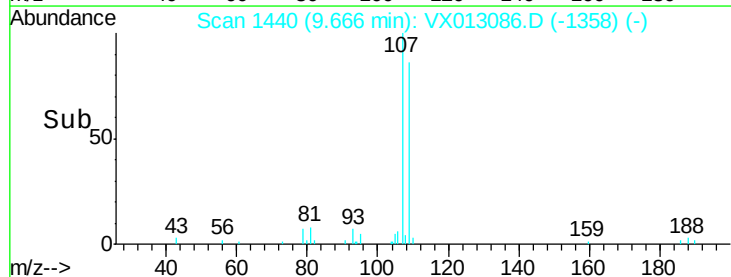
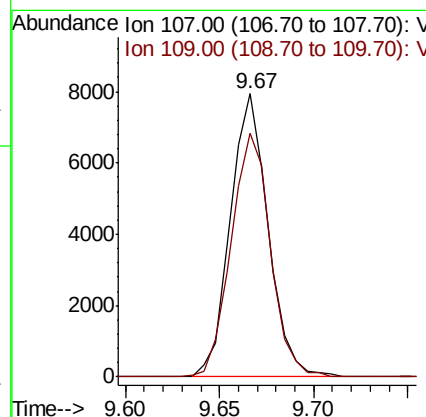
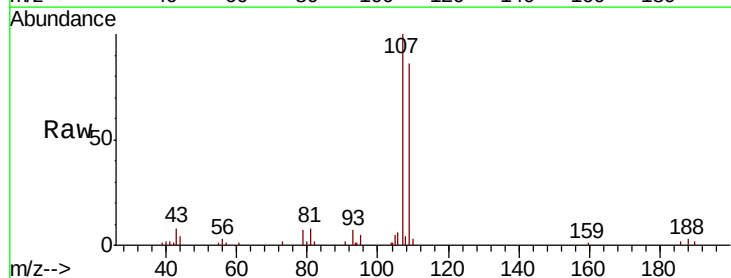
Manual Integrations  
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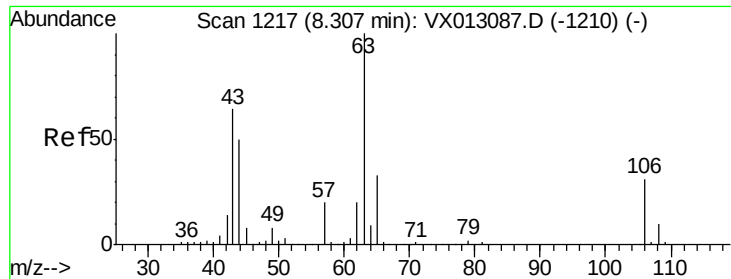
MMDadoda  
10/18/2019 4:51:40 PM



#54  
1,2-Dibromoethane  
Concen: 4.824 ug/l  
RT: 9.67 min Scan# 1440  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 89.4  | 73.6  | 110.4 |





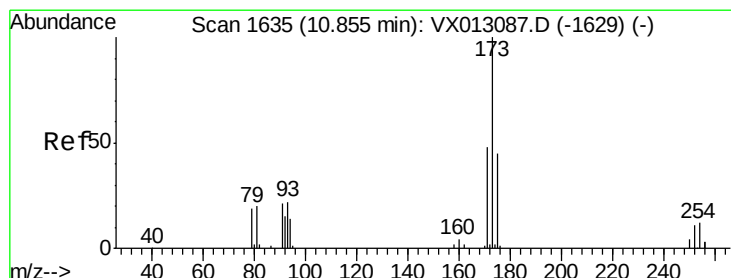
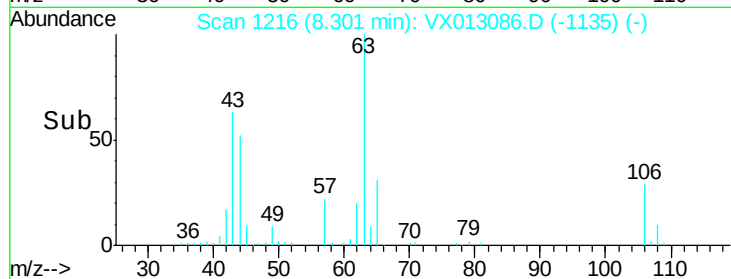
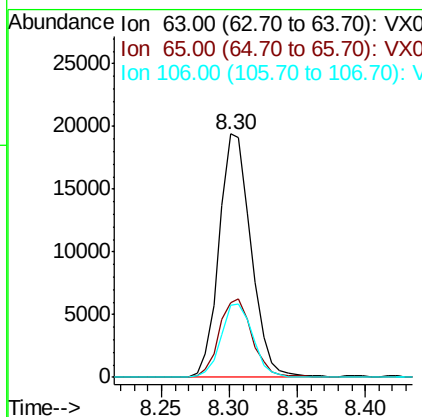
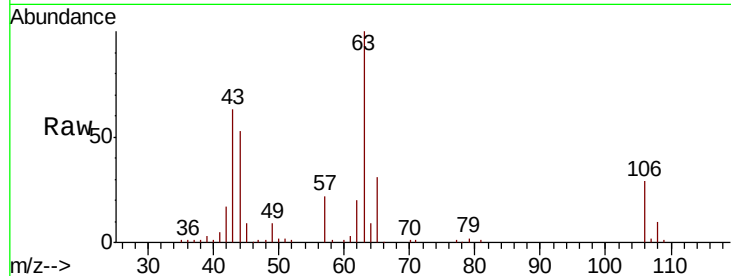
#55  
2-Chloroethyl vinyl ether  
Concen: 22.660 ug/l  
RT: 8.30 min Scan# 1216  
Delta R.T. -0.01 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 33.1  | 25.9  | 38.9  |
| 106     | 30.0  | 24.3  | 36.5  |

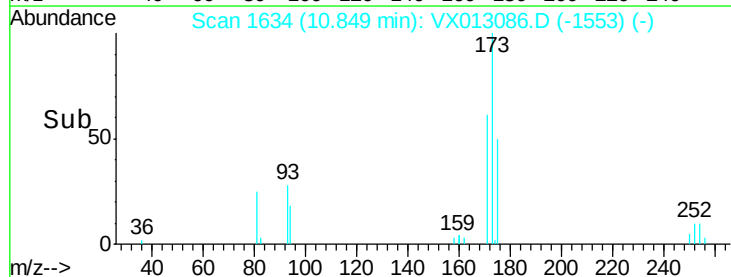
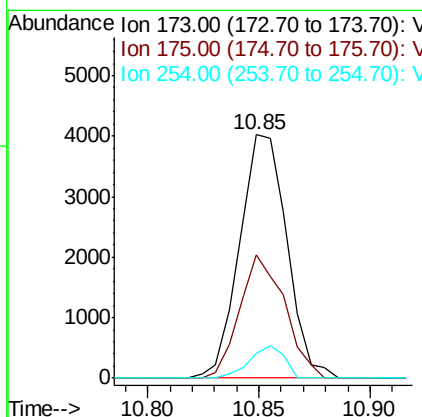
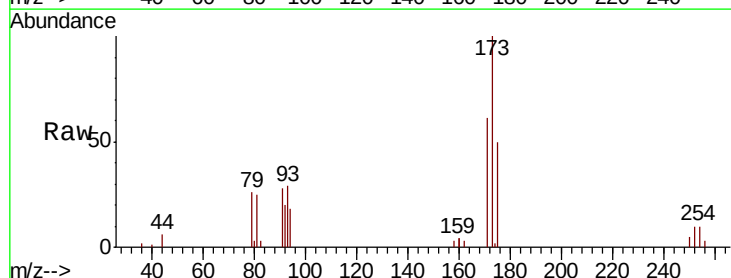
Manual Integrations  
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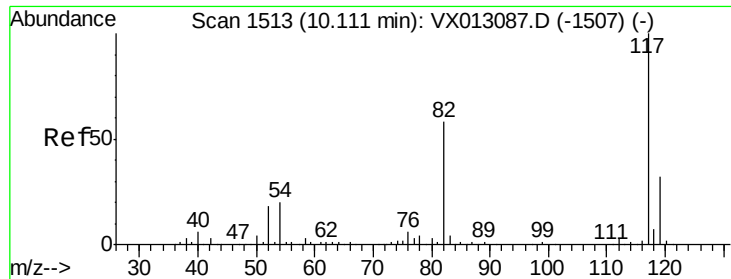


#56  
Bromoform  
Concen: 3.560 ug/l  
RT: 10.85 min Scan# 1634  
Delta R.T. -0.01 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.1  | 37.8  | 56.8  |
| 254     | 9.7   | 7.9   | 11.9  |







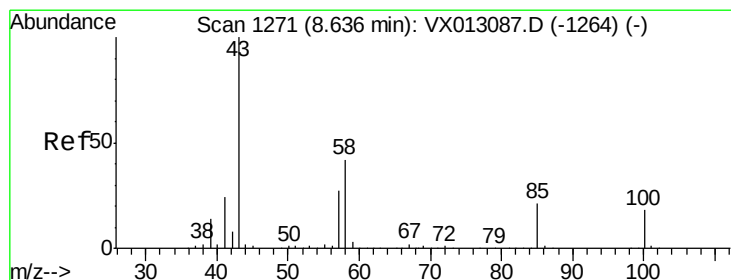
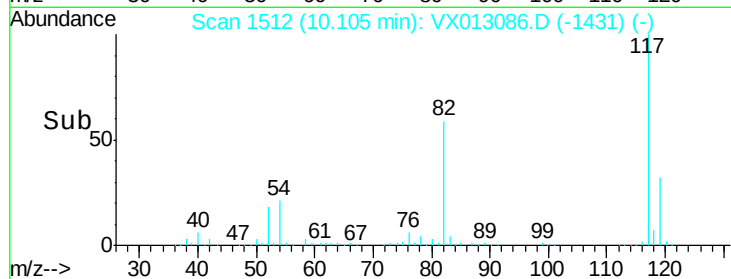
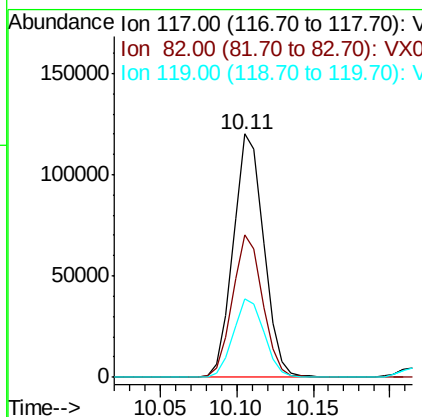
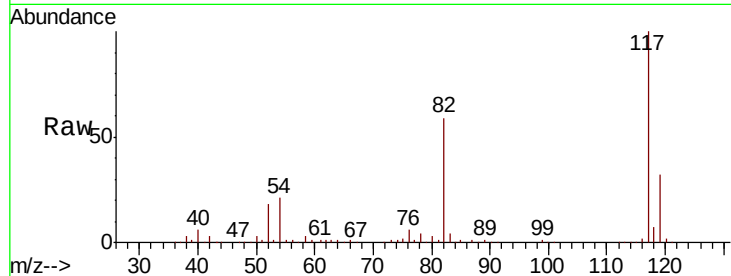
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.11 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 58.0  | 46.7  | 70.1  |
| 119     | 32.6  | 25.8  | 38.6  |

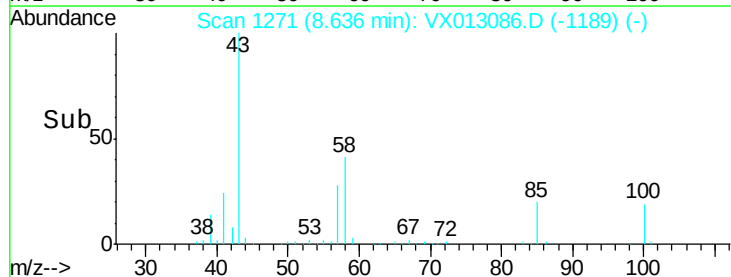
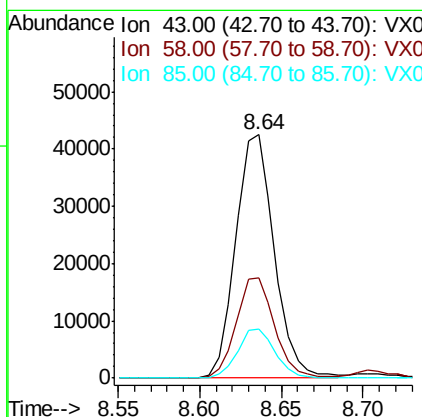
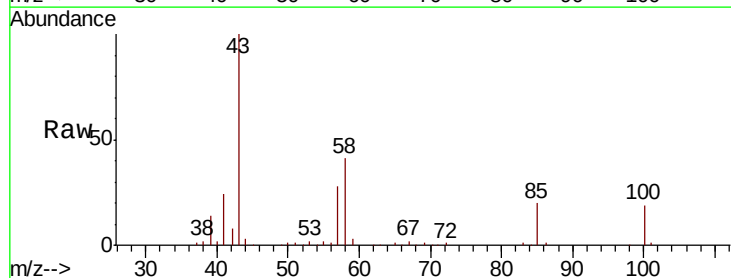
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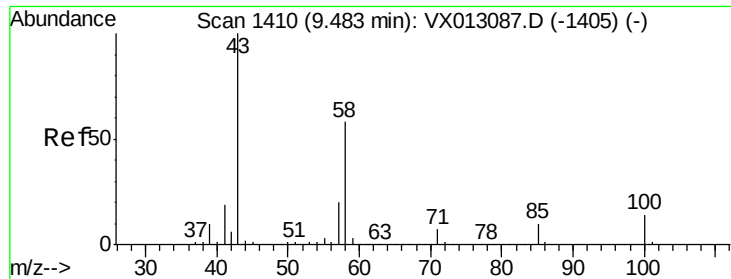
MMDadoda  
10/18/2019 4:51:40 PM



#58  
4-Methyl-2-Pentanone  
Concen: 24.601 ug/l  
RT: 8.64 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 40.6  | 33.0  | 49.4  |
| 85      | 19.8  | 16.0  | 24.0  |





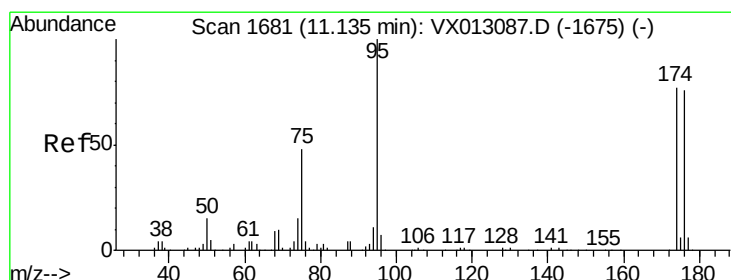
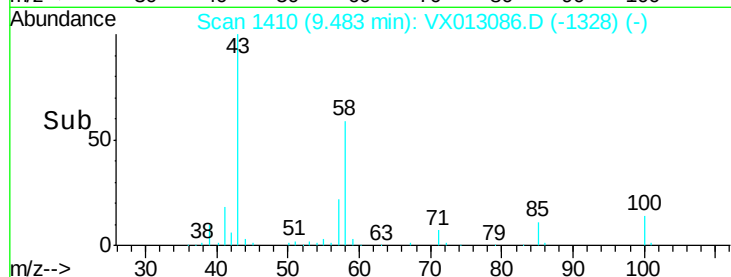
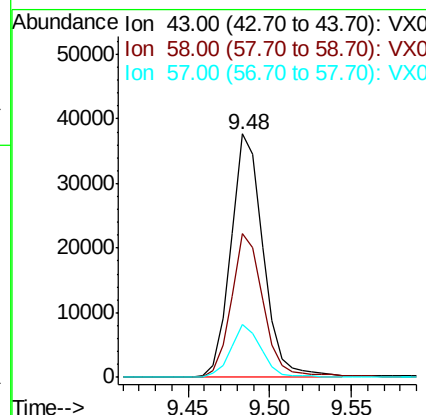
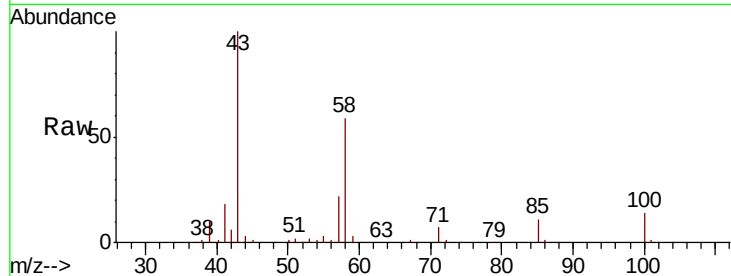
#59  
2-Hexanone  
Concen: 23.674 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 58.0  | 45.4  | 68.2  |
| 57      | 20.5  | 16.2  | 24.2  |

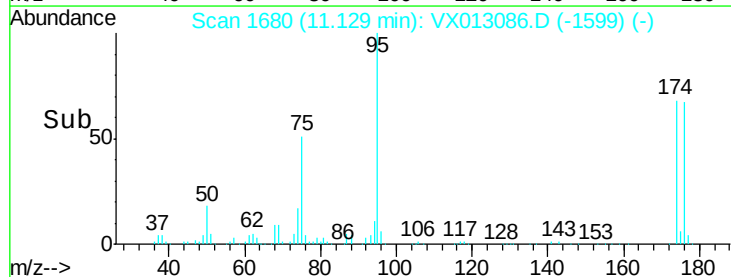
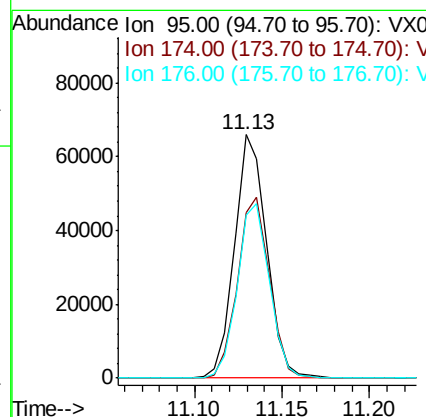
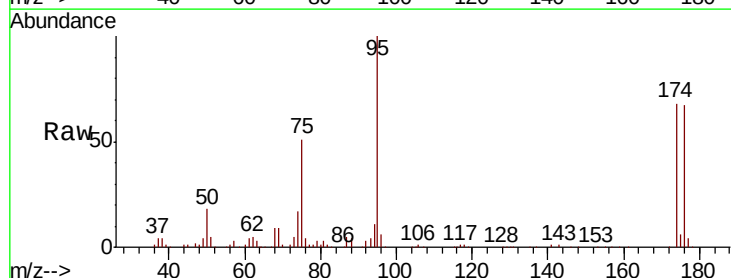
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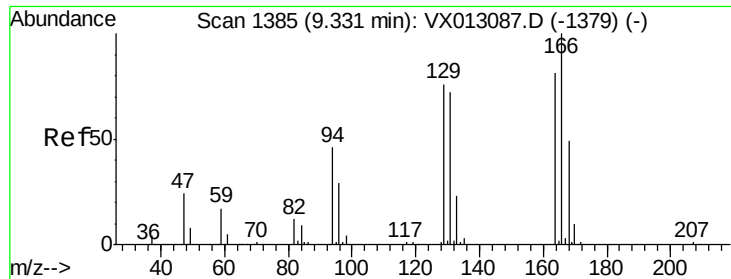
MMDadoda  
10/18/2019 4:51:40 PM



#60  
4-Bromofluorobenzene  
Concen: 30.228 ug/l  
RT: 11.13 min Scan# 1680  
Delta R.T. -0.01 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 74.6  | 58.8  | 88.2  |
| 176     | 72.0  | 56.6  | 84.8  |





#61

Tetrachloroethene

Concen: 4.862 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 10650

Ion Ratio Lower Upper

164 100

166 130.7 98.4 147.6

129 91.5 75.2 112.8

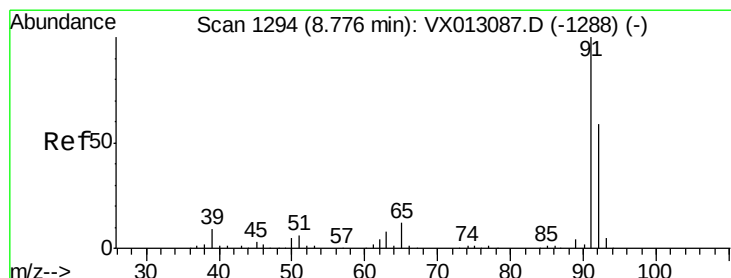
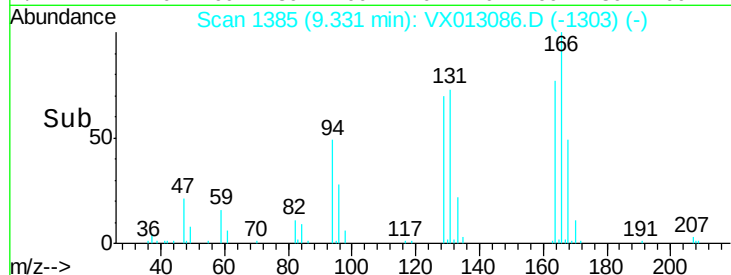
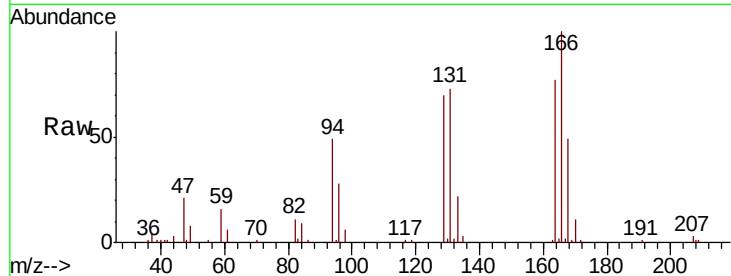
131 95.2 70.4 105.6

Manual Integrations

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#62

Toluene

Concen: 5.014 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX013086.D

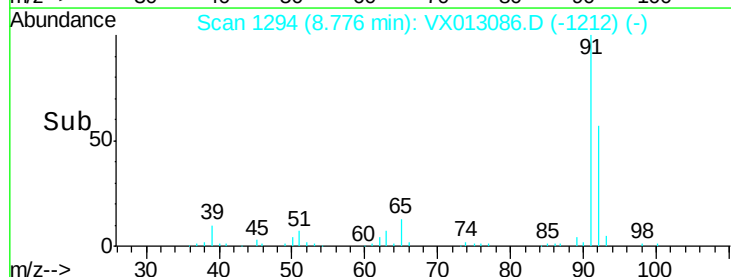
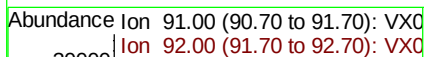
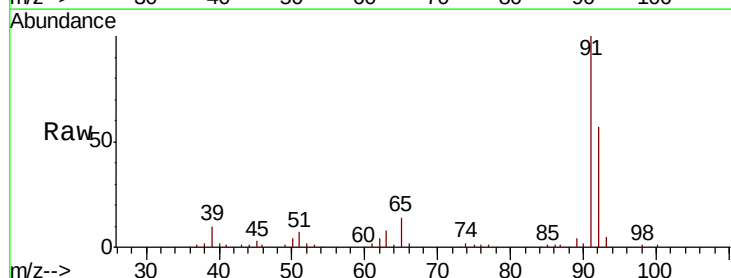
Acq: 16 Oct 2019 10:34

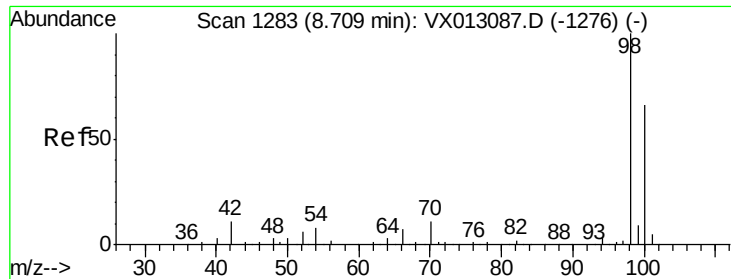
Tgt Ion: 91 Resp: 44408

Ion Ratio Lower Upper

91 100

92 59.1 47.6 71.4





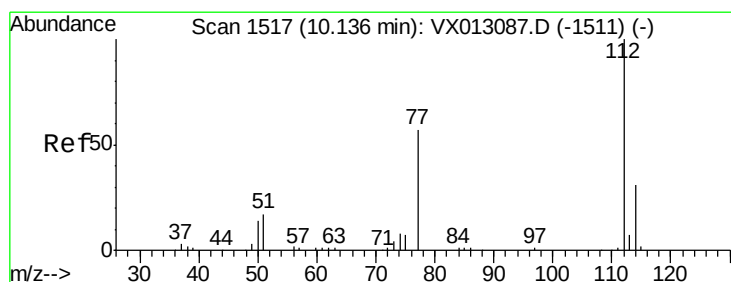
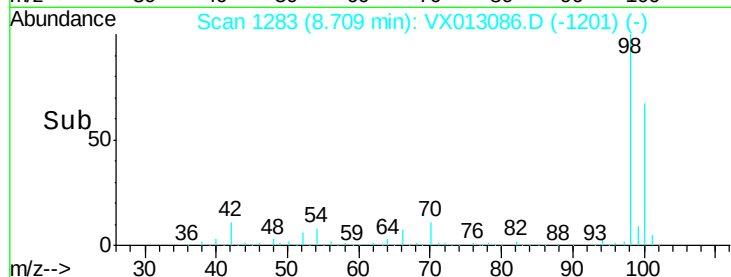
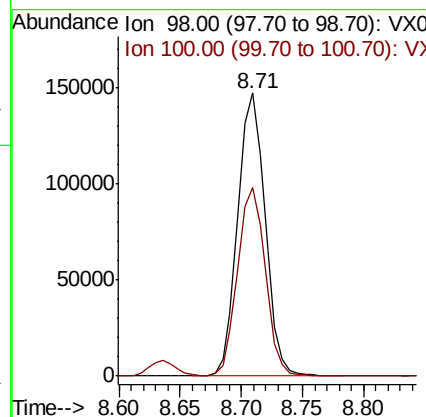
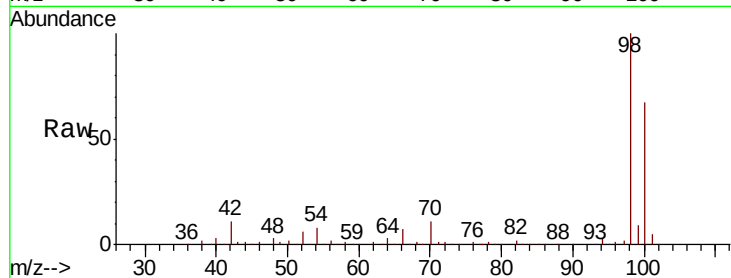
#63  
Toluene-d8  
Concen: 31.094 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tot Ion: 98 Resp: 229027  
Ion Ratio Lower Upper  
98 100  
100 67.5 53.8 80.6

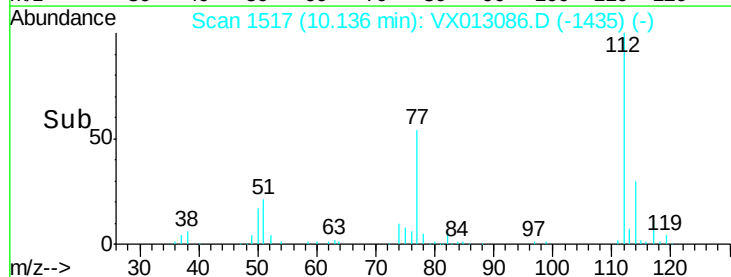
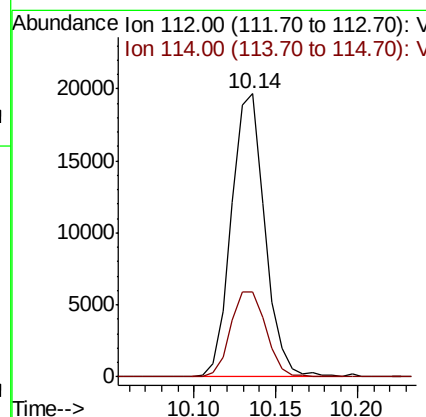
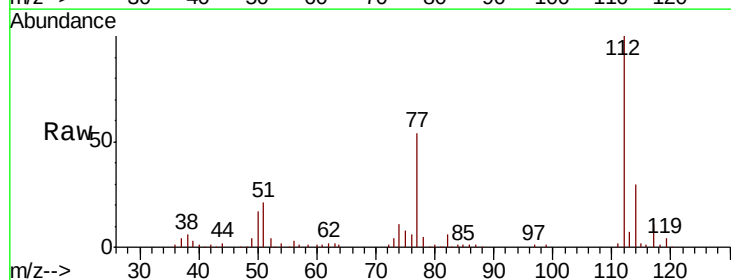
Manual Integrations  
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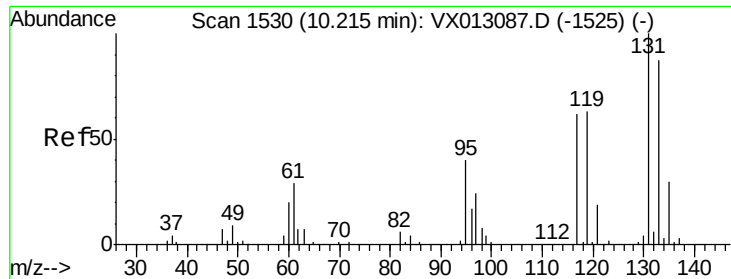
MMDadoda  
10/18/2019 4:51:40 PM



#64  
Chlorobenzene  
Concen: 4.969 ug/l  
RT: 10.14 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Tgt Ion: 112 Resp: 28167  
Ion Ratio Lower Upper  
112 100  
114 30.0 25.2 37.8





#65

1,1,1,2-Tetrachloroethane

Concen: 4.719 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:131 Resp: 9783

Ion Ratio Lower Upper

131 100

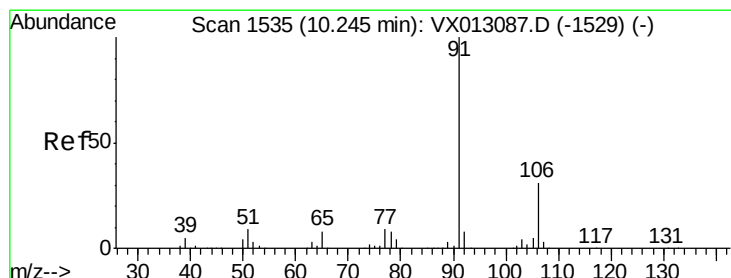
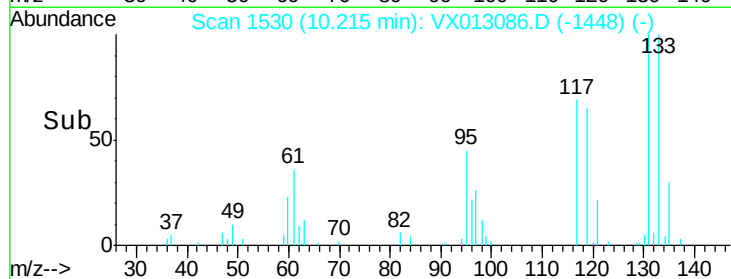
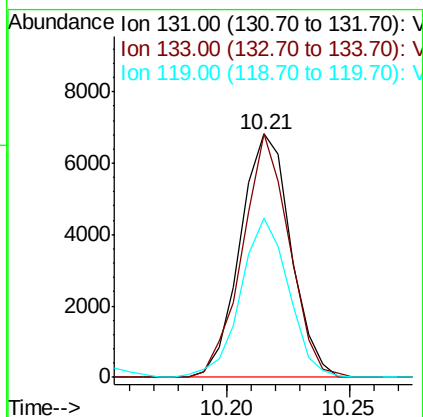
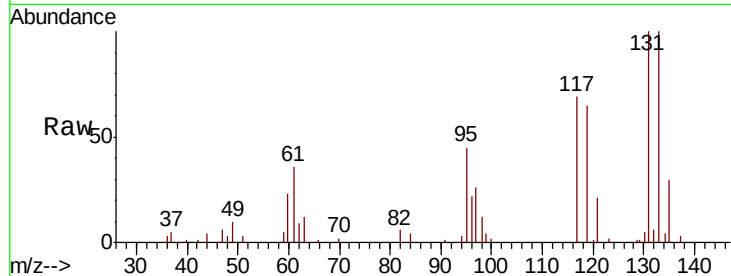
133 92.7 0.0 187.8

119 62.3 0.0 128.4

Manual Integrations  
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#66

Ethyl Benzene

Concen: 4.951 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013086.D

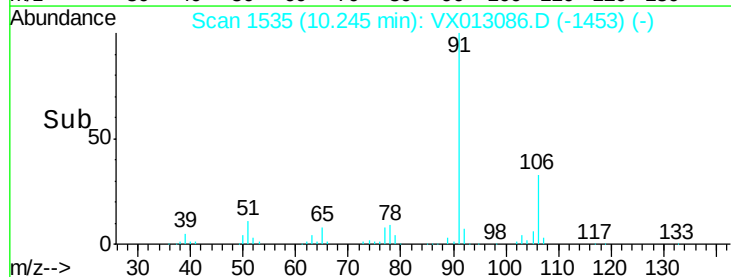
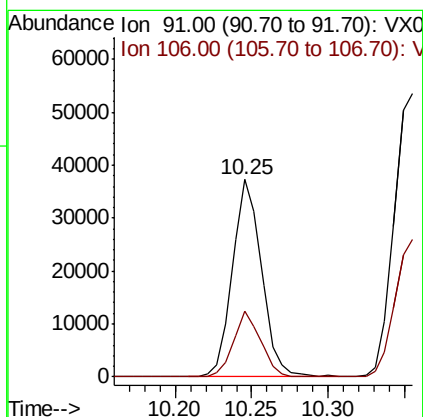
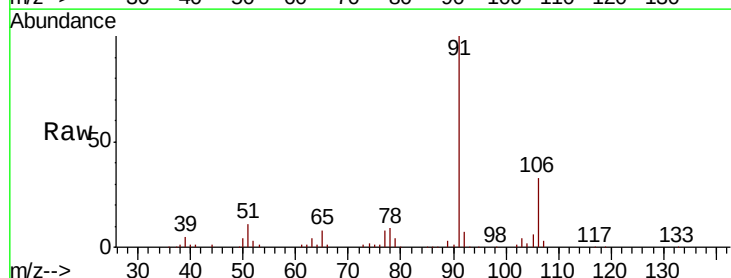
Acq: 16 Oct 2019 10:34

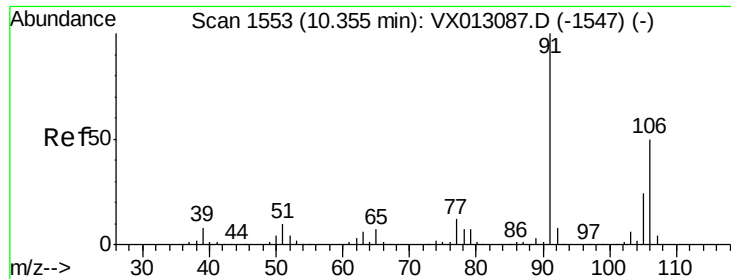
Tgt Ion: 91 Resp: 49348

Ion Ratio Lower Upper

91 100

106 33.5 25.0 37.4





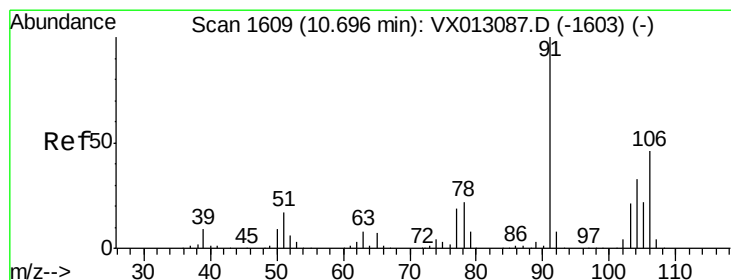
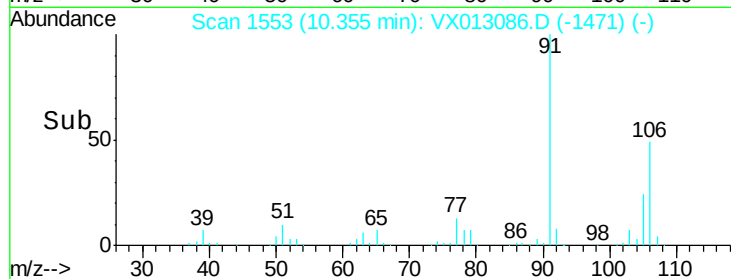
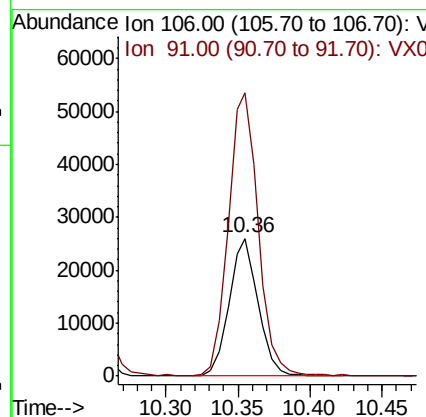
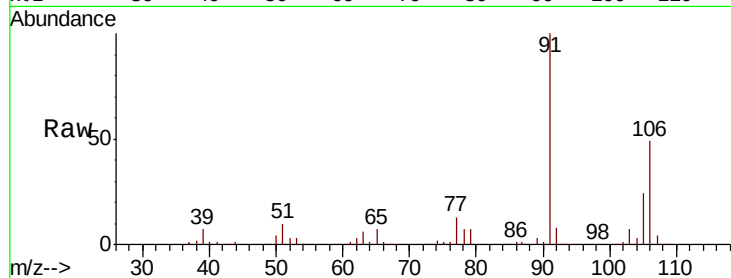
#67  
m/p-Xylenes  
Concen: 9.663 ug/l  
RT: 10.36 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tot Ion:106 Resp: 36684  
Ion Ratio Lower Upper  
106 100  
91 212.4 162.6 243.8

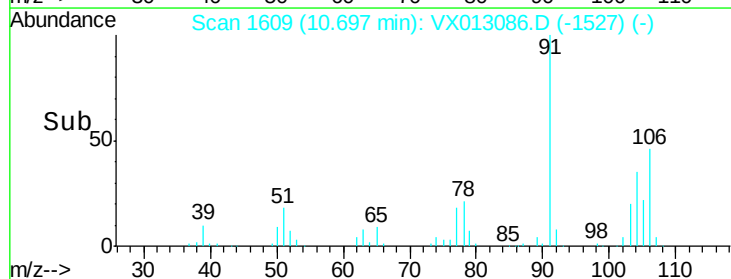
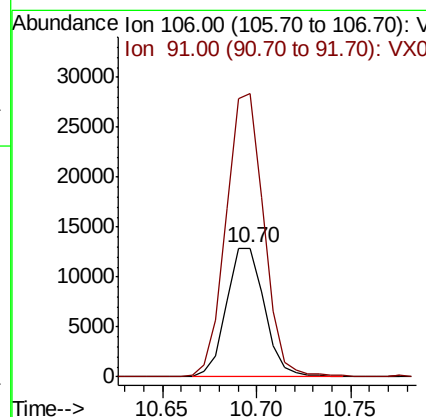
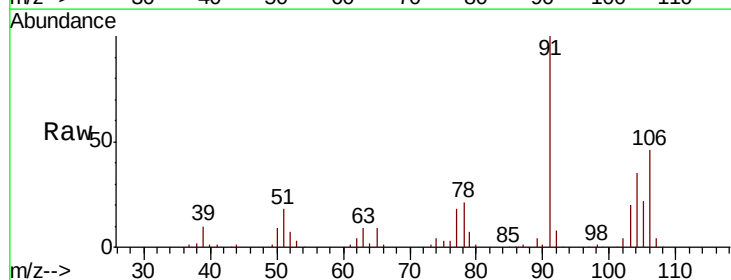
Manual Integrations  
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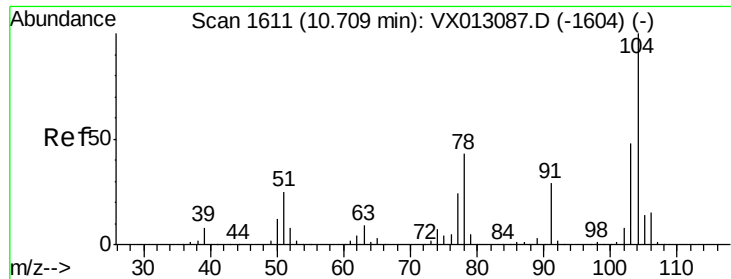
MMDadoda  
10/18/2019 4:51:40 PM



#68  
o-Xylene  
Concen: 4.867 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Tgt Ion:106 Resp: 18130  
Ion Ratio Lower Upper  
106 100  
91 218.0 109.1 327.3





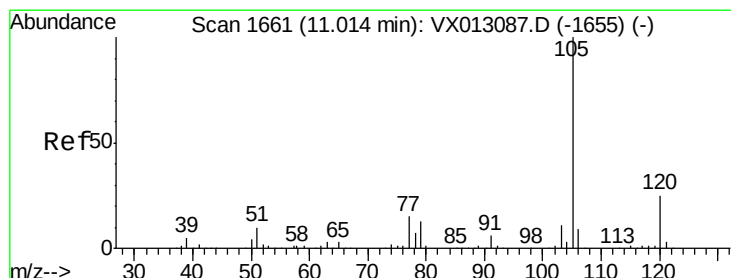
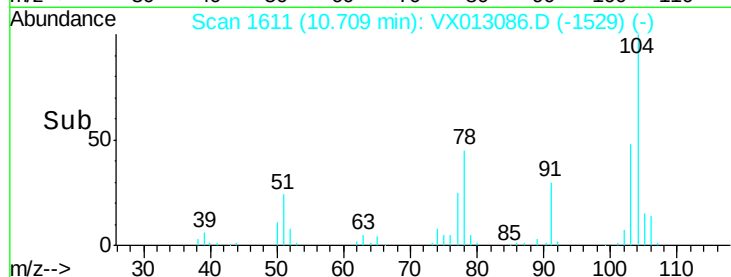
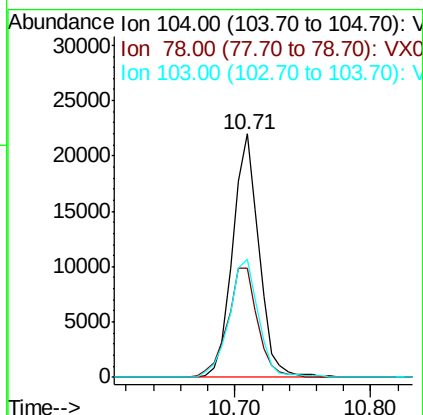
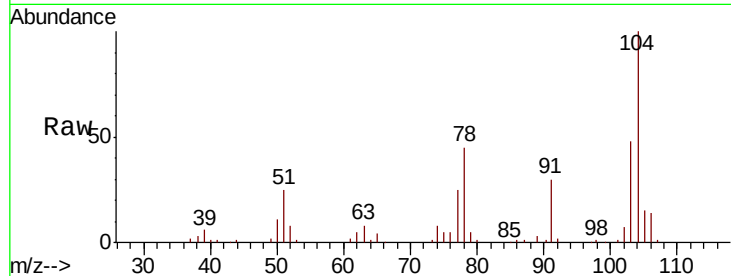
#69  
Stvrene  
Concen: 4.704 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 51.6  | 41.0  | 61.4  |
| 103     | 53.2  | 42.8  | 64.2  |

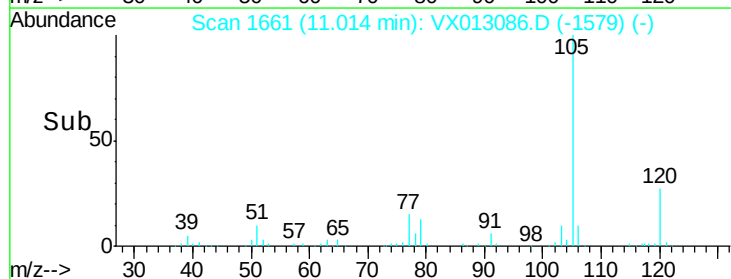
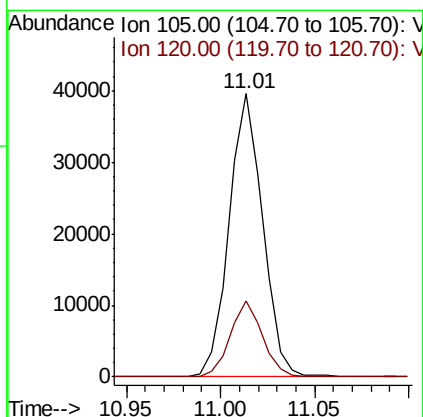
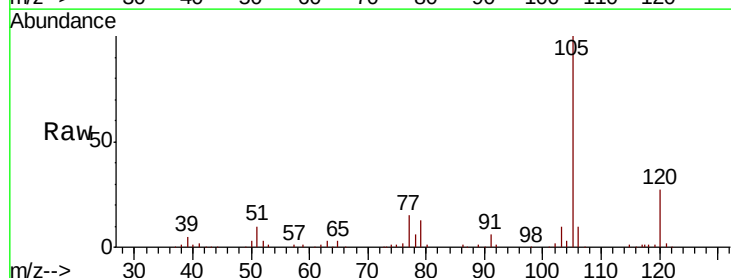
Manual Integrations  
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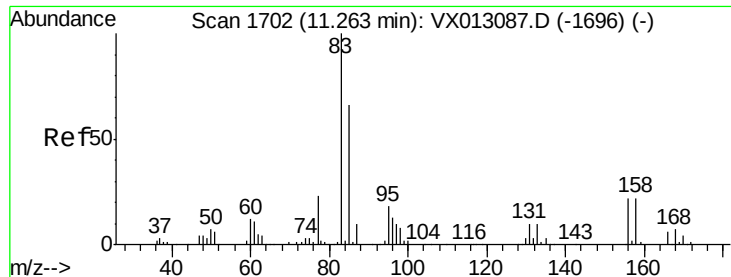
MMDadoda  
10/18/2019 4:51:40 PM



#70  
Isopropylbenzene  
Concen: 4.922 ug/l  
RT: 11.01 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.6  | 17.9  | 33.3  |





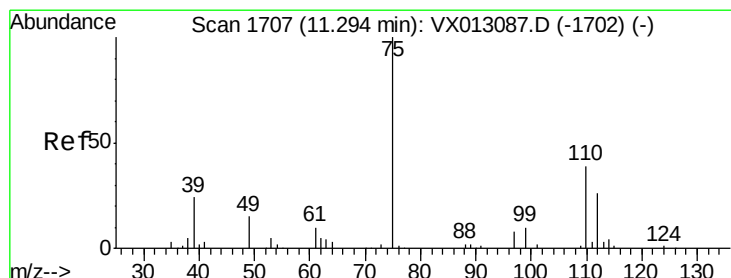
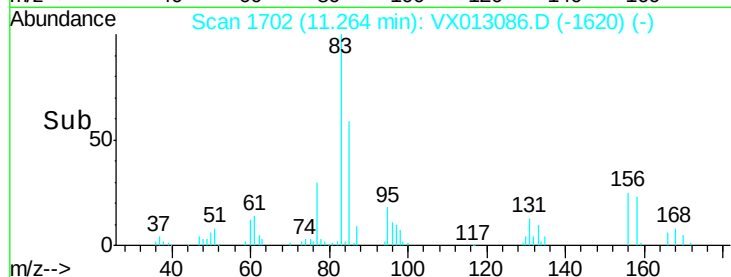
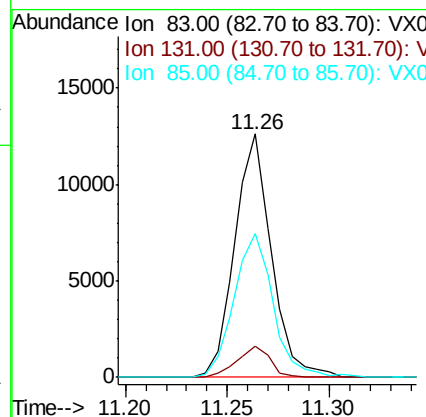
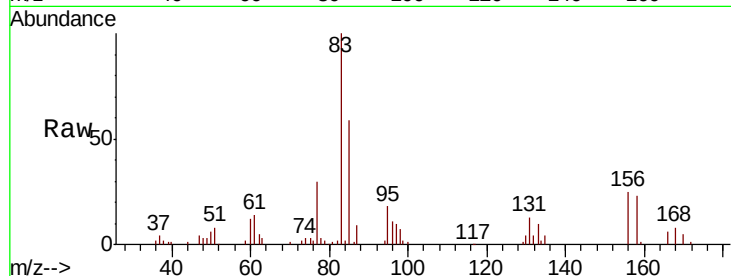
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 4.876 ug/l  
 RT: 11.26 min Scan# 1702  
 Delta R.T. 0.00 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 83      | 100   | 15658 |       |       |
| 131     | 11.5  |       | 4.9   | 14.6  |
| 85      | 62.5  |       | 31.9  | 95.9  |

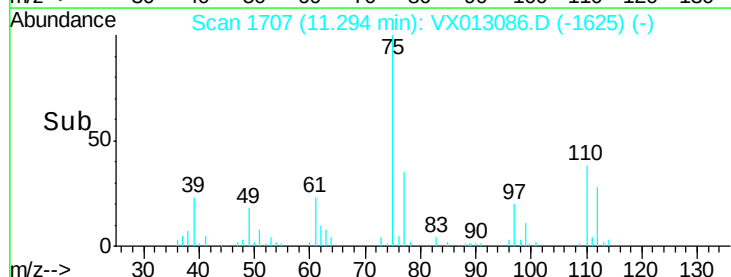
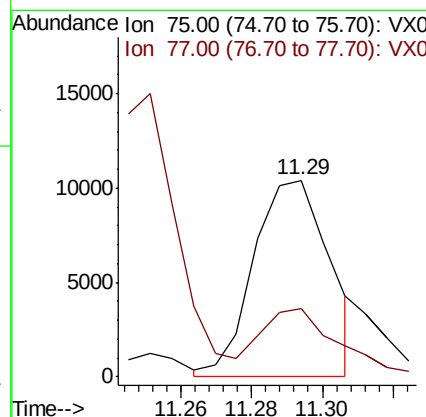
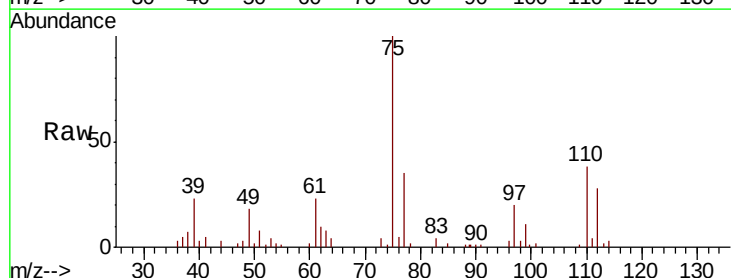
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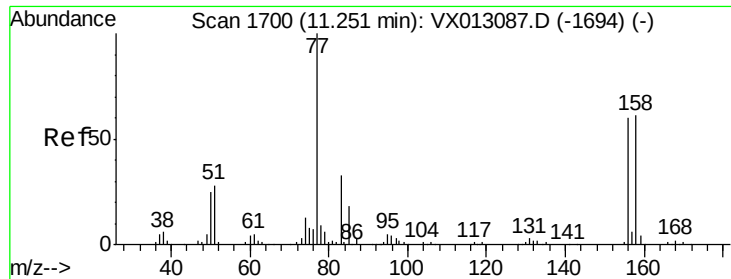


#72  
 1,2,3-Trichloropropane  
 Concen: 5.803 ug/l m  
 RT: 11.29 min Scan# 1707  
 Delta R.T. 0.00 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 15460 |       |       |
| 77      | 35.1  |       | 0.0   | 87.8  |







#73

Bromobenzene

Concen: 4.663 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

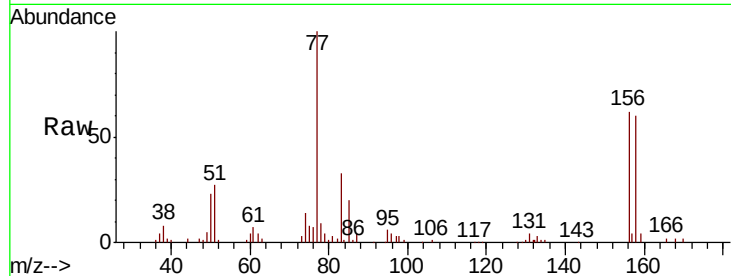
ClientSampleId :

VSTDIC005

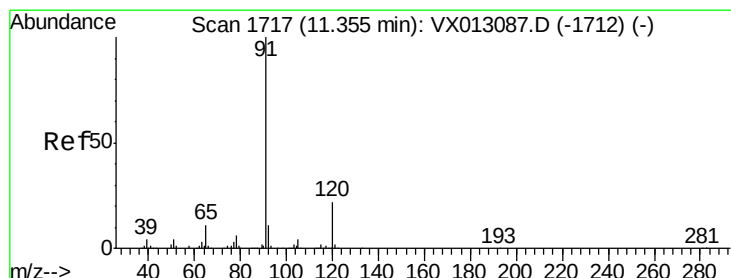
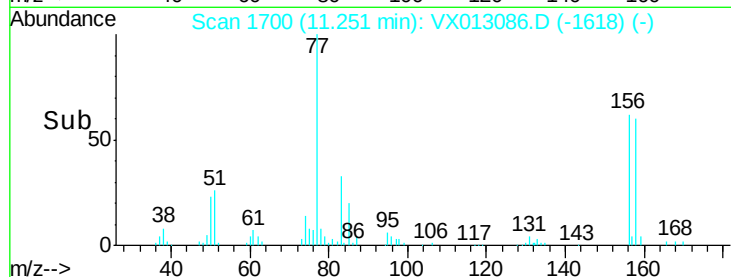
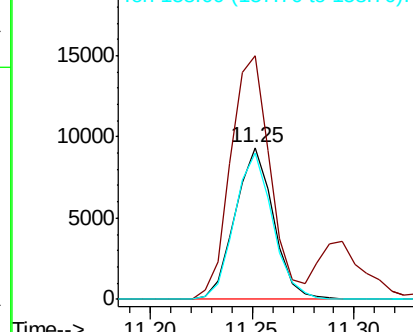
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 12161 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 166.4 | 0.0   | 344.0 |
| 158       | 95.6  | 0.0   | 195.6 |

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Abundance Ion 156.00 (155.70 to 156.70): V  
Ion 77.00 (76.70 to 77.70): VX0  
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 4.572 ug/l

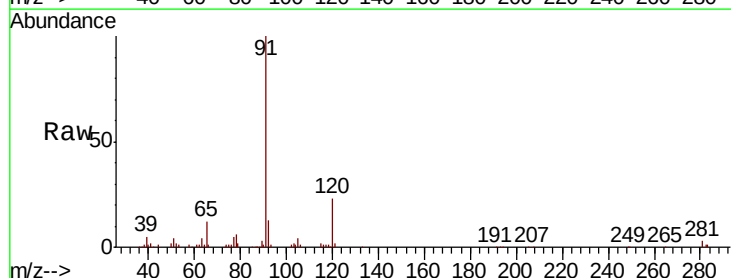
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

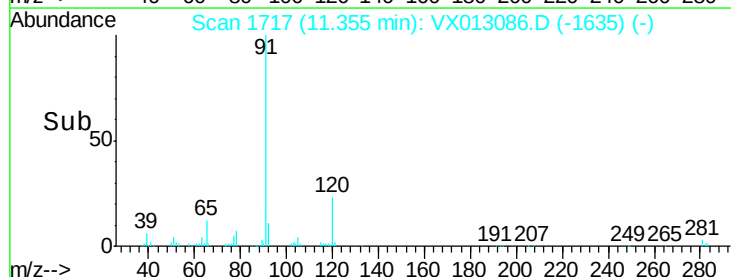
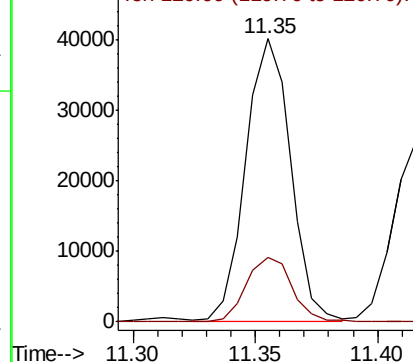
Lab File: VX013086.D

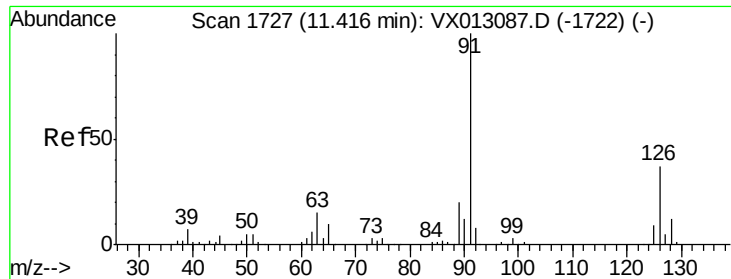
Acq: 16 Oct 2019 10:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 51103 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 120       | 23.4  | 0.0   | 45.0  |



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 4.948 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 32964

Ion Ratio Lower Upper

91 100

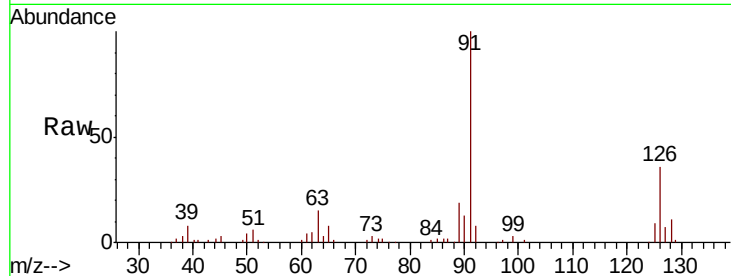
126 34.2 0.0 66.0

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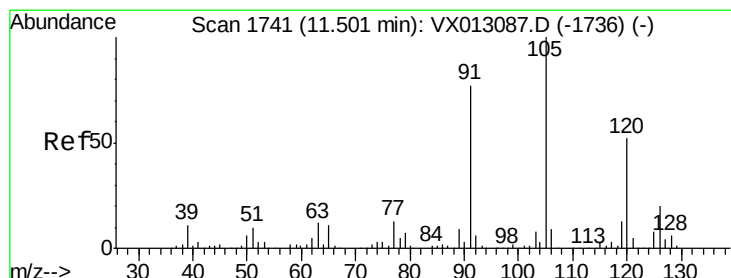
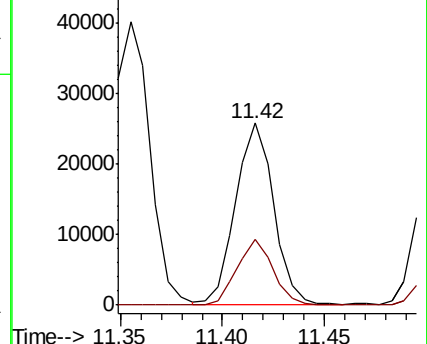
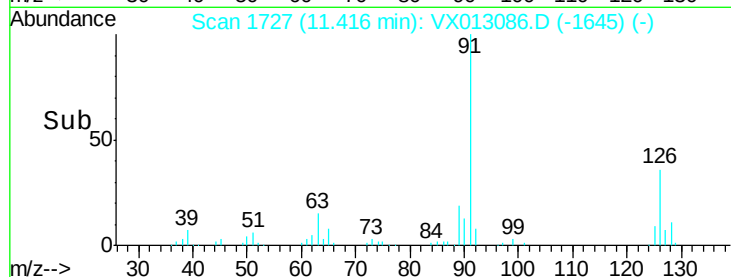
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Abundance Ion 91.00 (90.70 to 91.70): VX013086.D (-1645) (-)

Ion 126.00 (125.70 to 126.70): VX013086.D (-1645) (-)



#76

1,3,5-Trimethylbenzene

Concen: 4.758 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013086.D

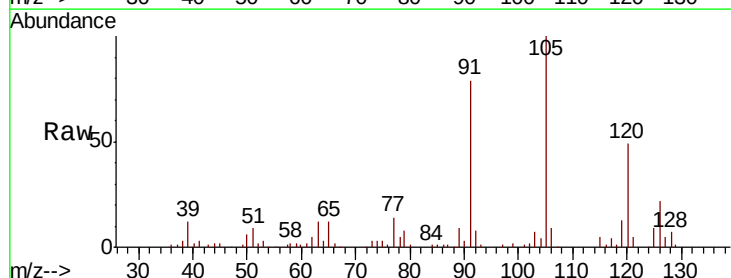
Acq: 16 Oct 2019 10:34

Tgt Ion: 105 Resp: 39892

Ion Ratio Lower Upper

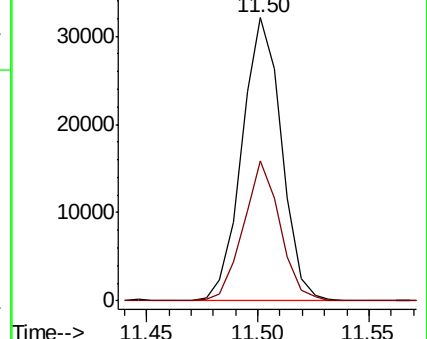
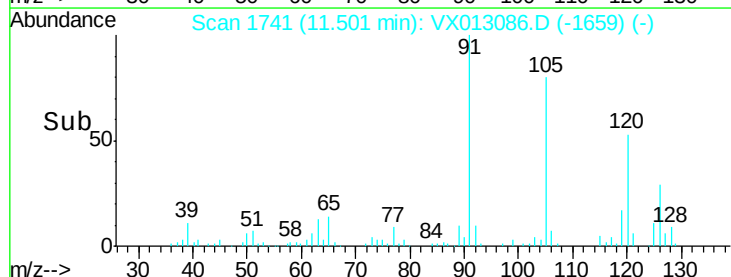
105 100

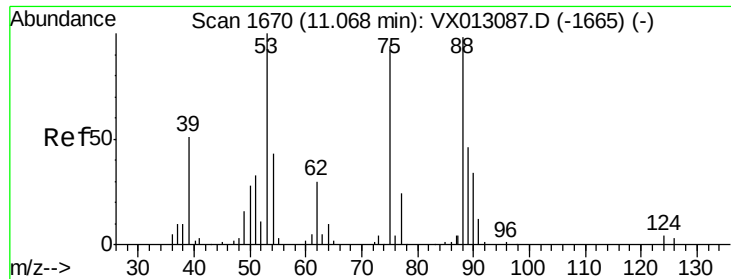
120 45.8 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): VX013086.D (-1659) (-)

Ion 120.00 (119.70 to 120.70): VX013086.D (-1659) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 4.304 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 3947

Ion Ratio Lower Upper

75 100

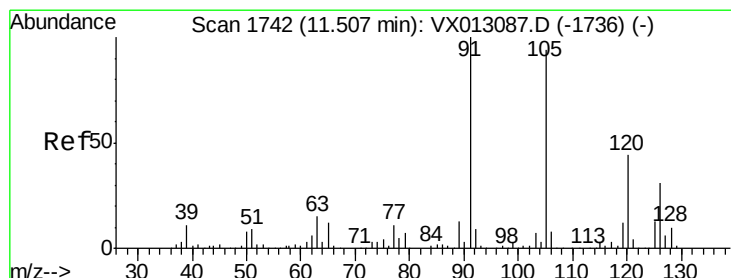
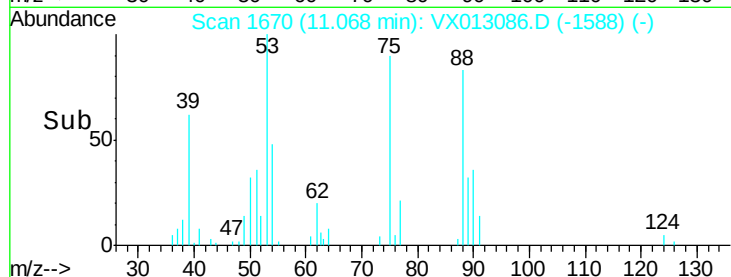
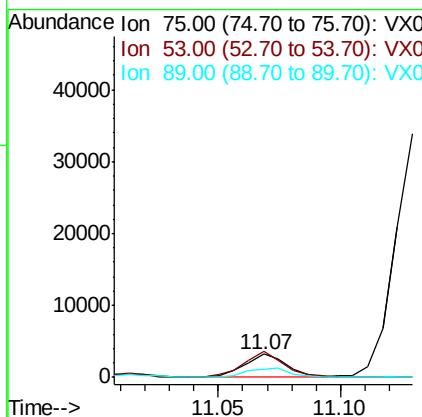
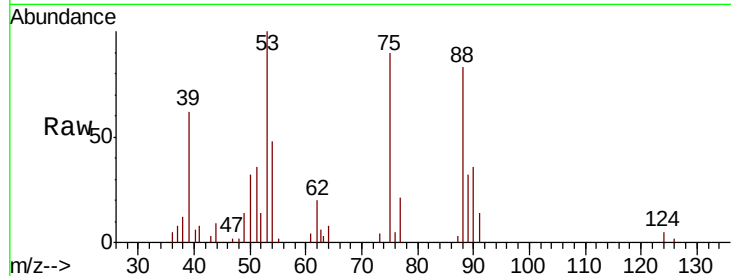
53 111.0 53.1 159.4

89 35.8 24.6 73.8

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#78

4-Chlorotoluene

Concen: 4.833 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013086.D

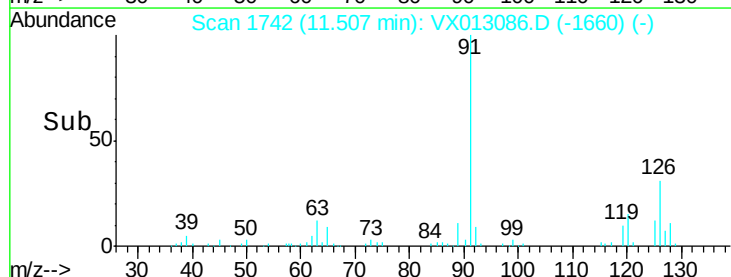
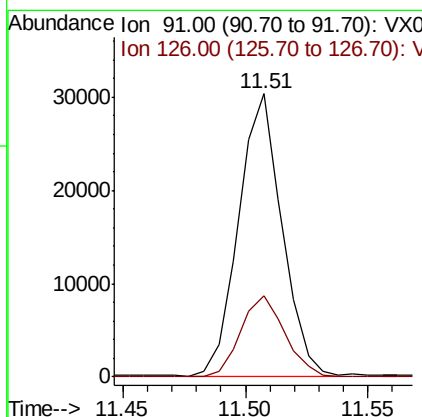
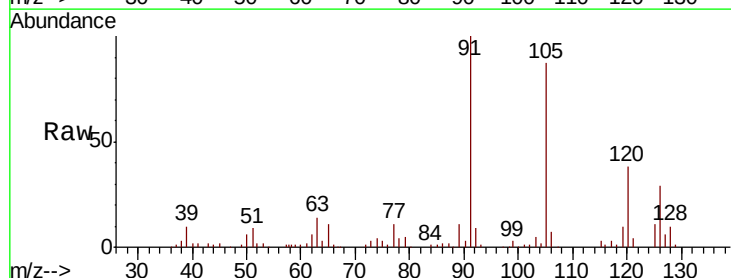
Acq: 16 Oct 2019 10:34

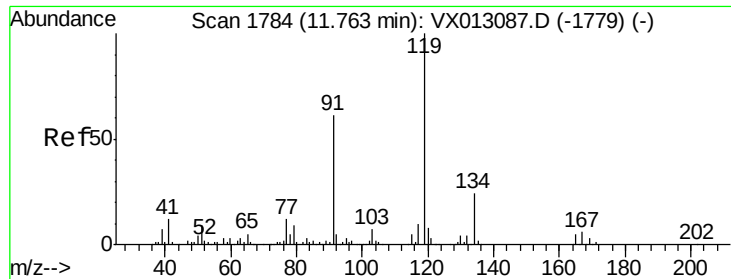
Tgt Ion: 91 Resp: 37103

Ion Ratio Lower Upper

91 100

126 29.5 0.0 57.0





#79

tert-butylbenzene

Concen: 4.496 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

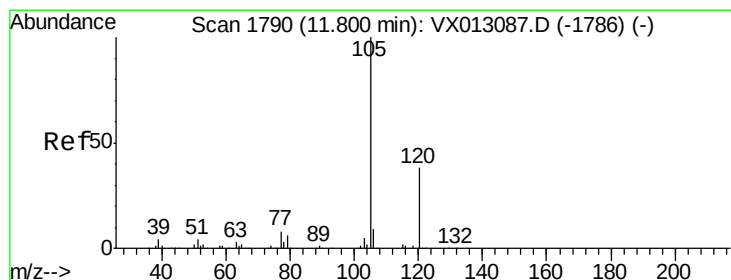
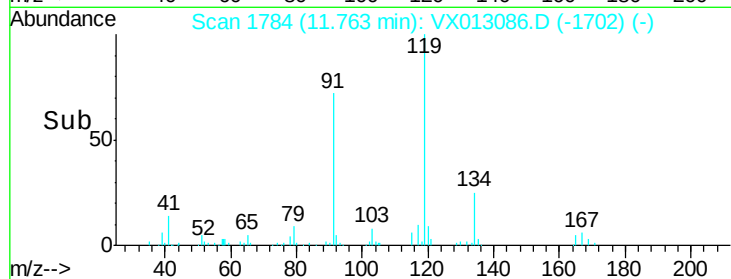
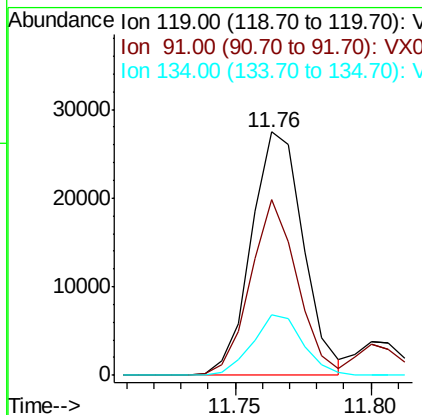
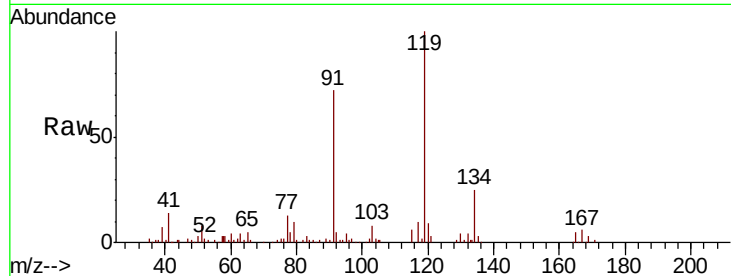
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 119   | Resp: | 36458 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 65.1  | 0.0   | 122.2 |
| 134       | 24.0  | 0.0   | 46.6  |

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#80

1,2,4-Trimethylbenzene

Concen: 4.590 ug/l

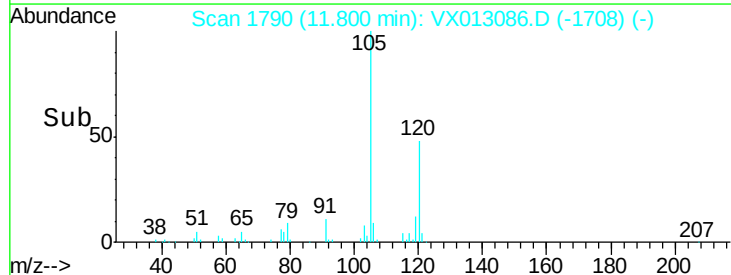
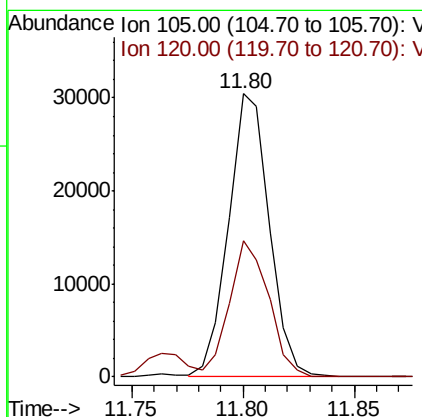
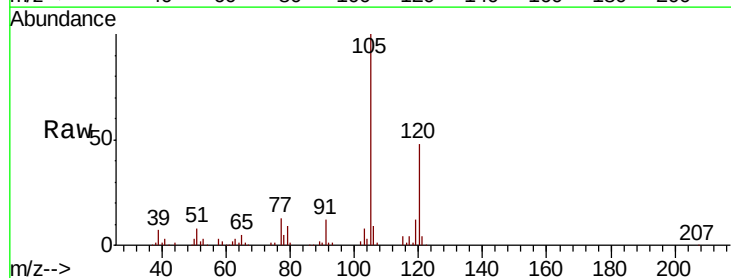
RT: 11.80 min Scan# 1790

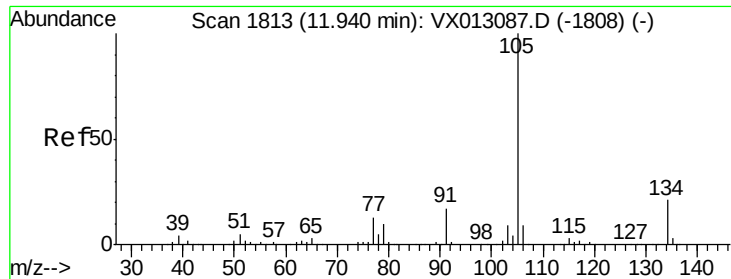
Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 38807 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 45.8  | 0.0   | 85.8  |





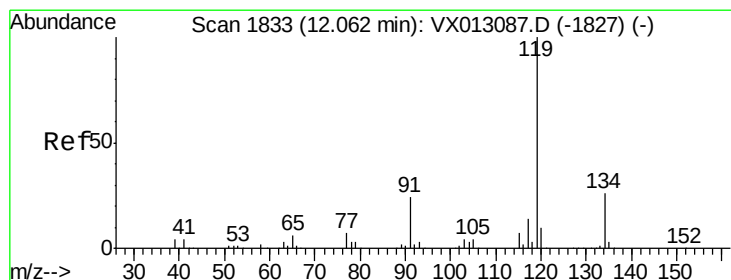
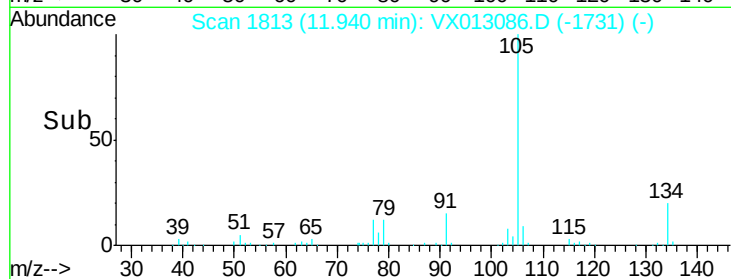
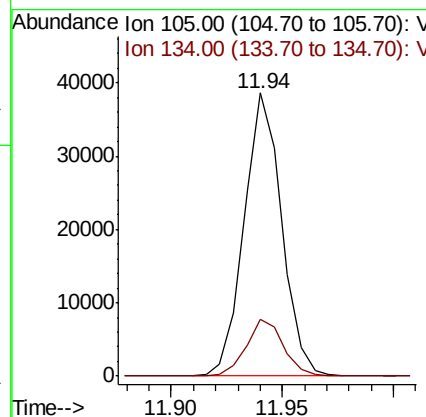
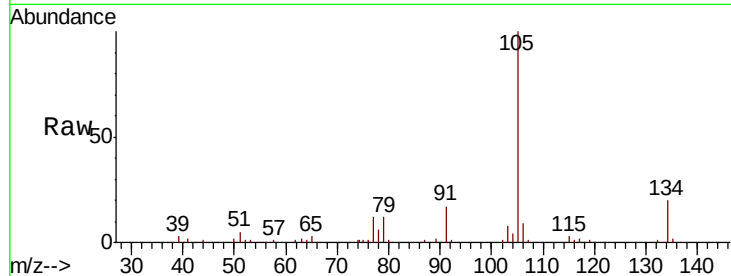
#81  
 sec-Butylbenzene  
 Concen: 4.754 ug/l  
 RT: 11.94 min Scan# 1813  
 Delta R.T. 0.00 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.9  | 0.0   | 39.6  |

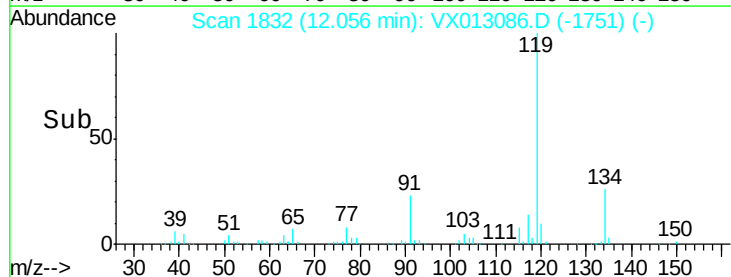
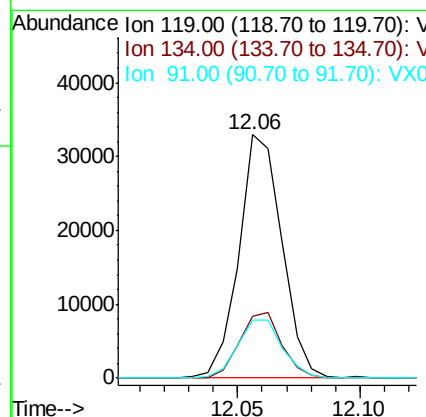
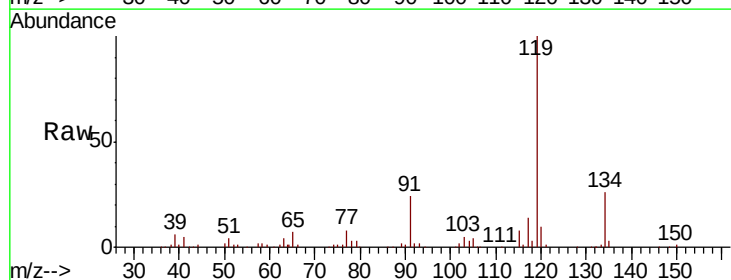
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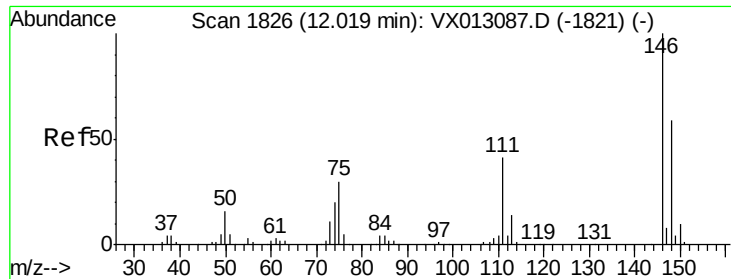
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#82  
 p-Isopropyltoluene  
 Concen: 4.516 ug/l  
 RT: 12.06 min Scan# 1832  
 Delta R.T. -0.01 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.9  | 0.0   | 52.0  |
| 91      | 25.8  | 0.0   | 50.4  |





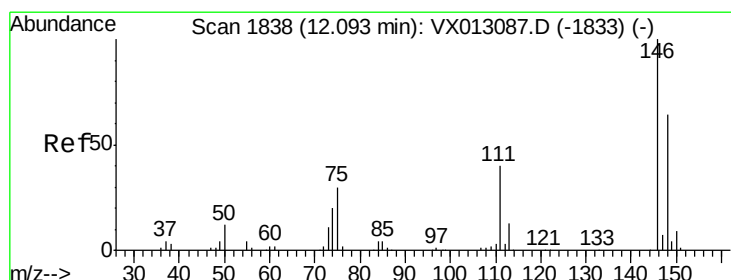
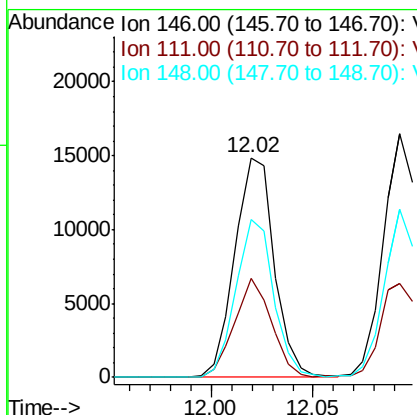
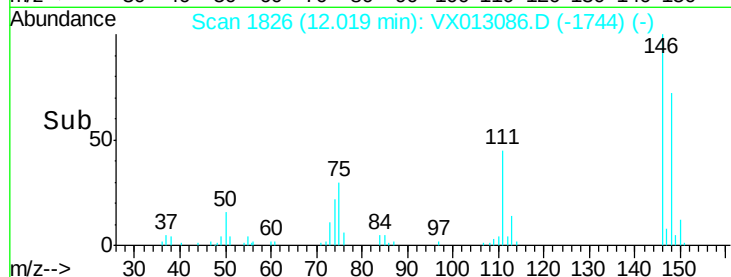
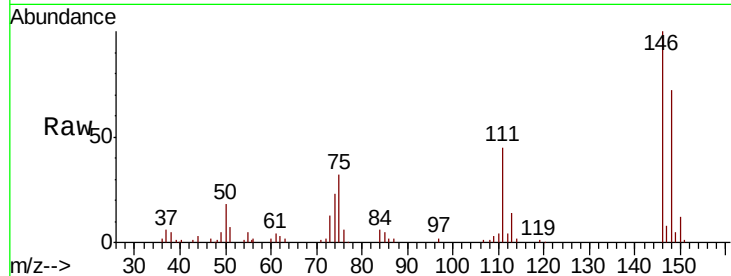
#83  
 1,3-Dichlorobenzene  
 Concen: 4.292 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.4  | 21.3  | 63.9  |
| 148     | 69.6  | 30.4  | 91.2  |

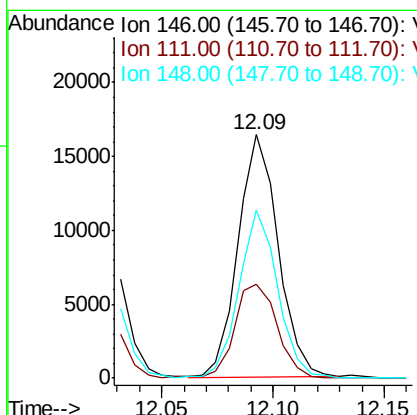
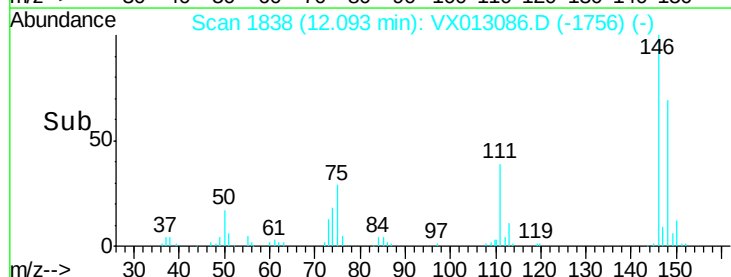
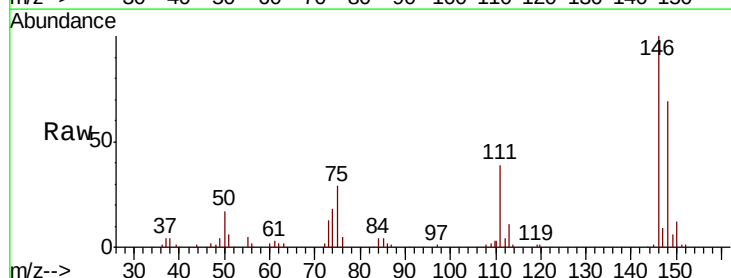
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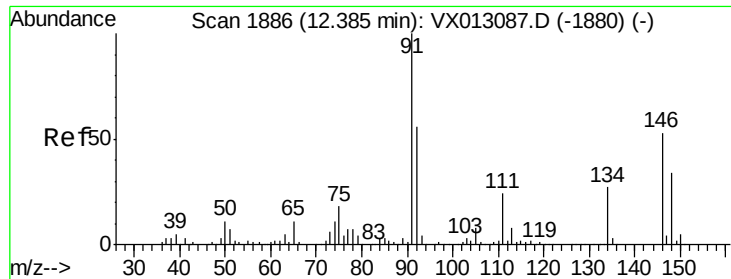
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#84  
 1,4-Dichlorobenzene  
 Concen: 4.498 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.8  | 20.0  | 59.9  |
| 148     | 66.2  | 31.9  | 95.7  |





#85

n-Butylbenzene

Concen: 4.397 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

Instrument :

MSVOA\_X

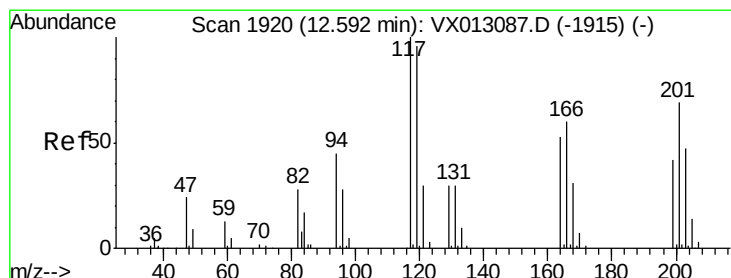
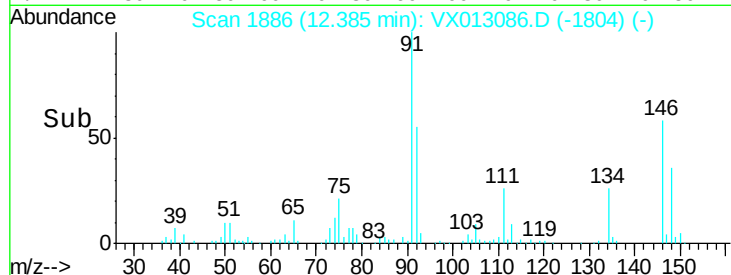
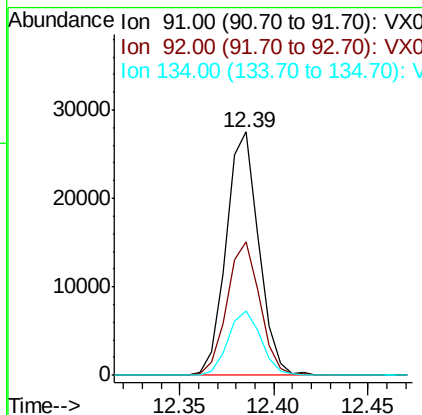
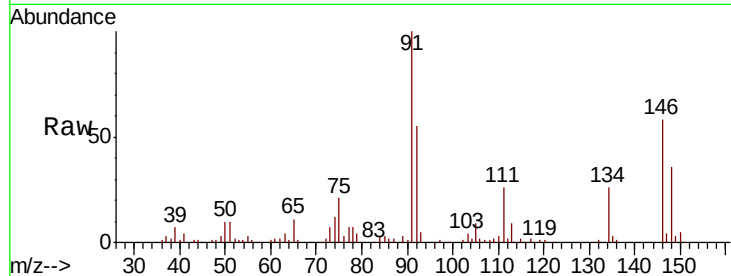
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 91    | Resp: | 33092 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 92        | 55.1  | 0.0   | 109.4 |
| 134       | 26.5  | 0.0   | 51.6  |

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#86

Hexachloroethane

Concen: 4.441 ug/l

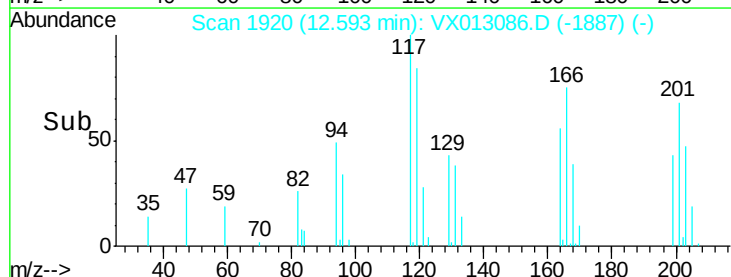
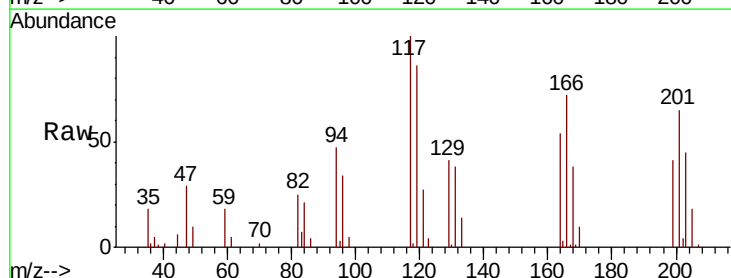
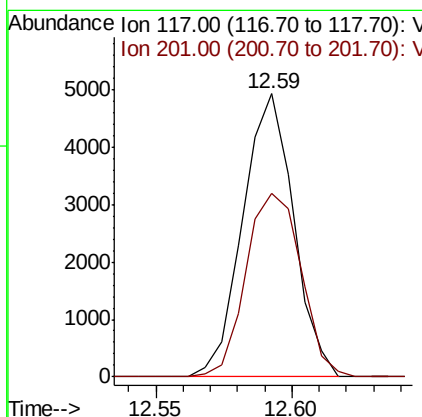
RT: 12.59 min Scan# 1920

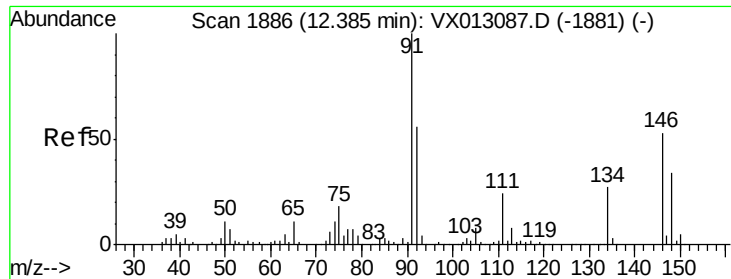
Delta R.T. 0.00 min

Lab File: VX013086.D

Acq: 16 Oct 2019 10:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 6383  |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 70.3  | 34.2  | 102.5 |





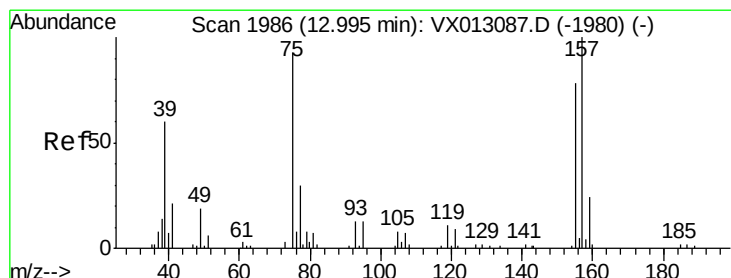
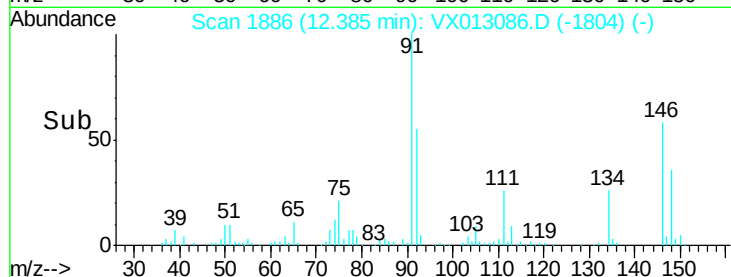
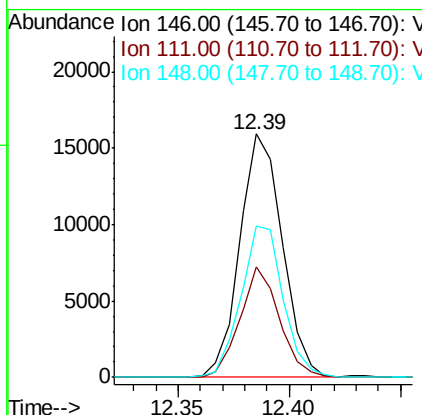
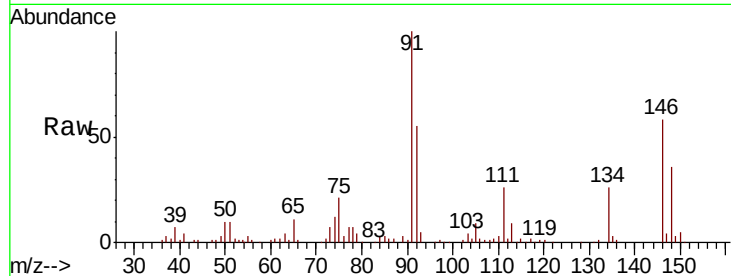
#87  
 1,2-Dichlorobenzene  
 Concen: 4.695 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.1  | 22.3  | 66.9  |
| 148     | 62.2  | 32.7  | 98.1  |

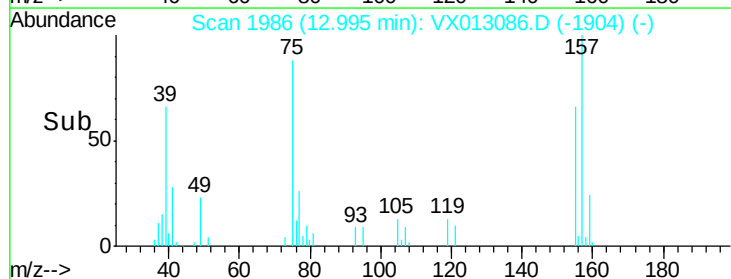
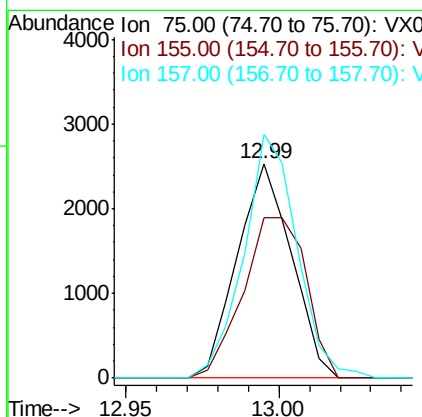
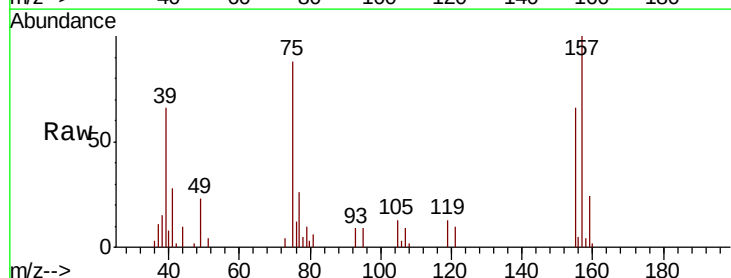
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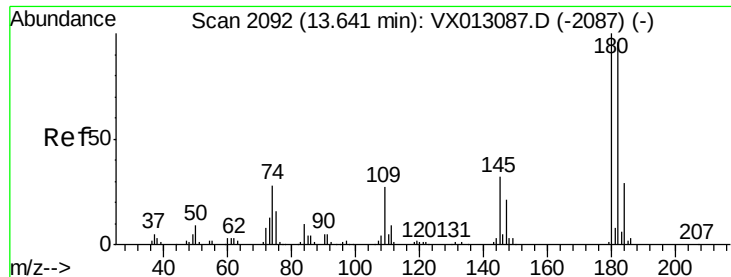


#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.392 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 87.2  | 68.4  | 102.6 |
| 157     | 112.0 | 85.6  | 128.4 |







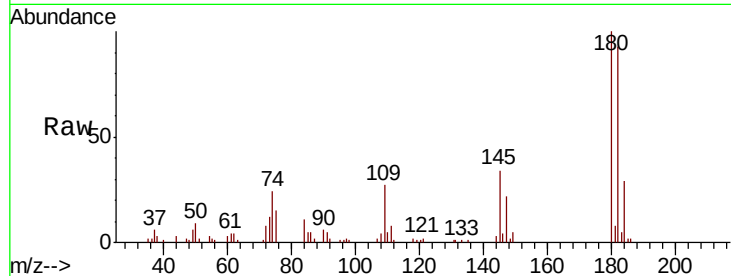
#89  
 1,2,4-Trichlorobenzene  
 Concen: 3.977 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. 0.00 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

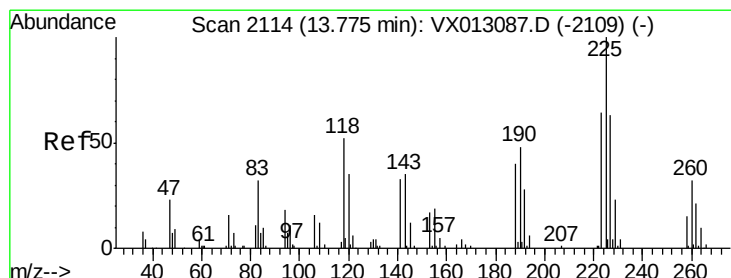
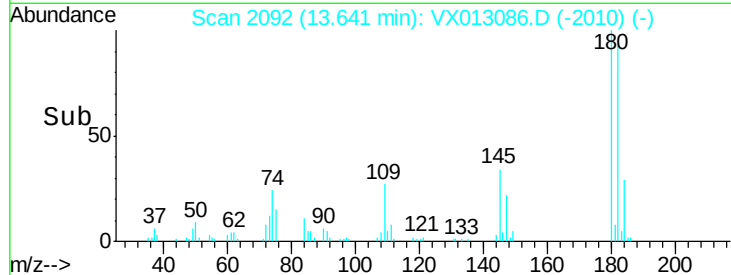
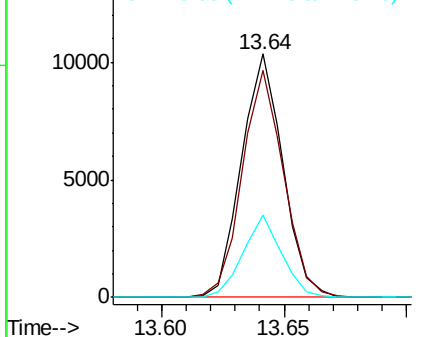
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.2  | 74.8  | 112.2 |
| 145     | 31.4  | 26.2  | 39.2  |

Manual Integrations  
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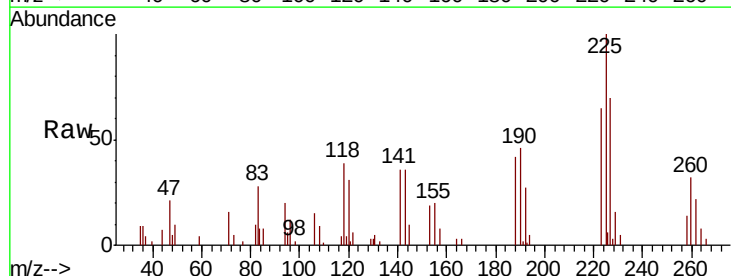


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 145.00 (144.70 to 145.70): V

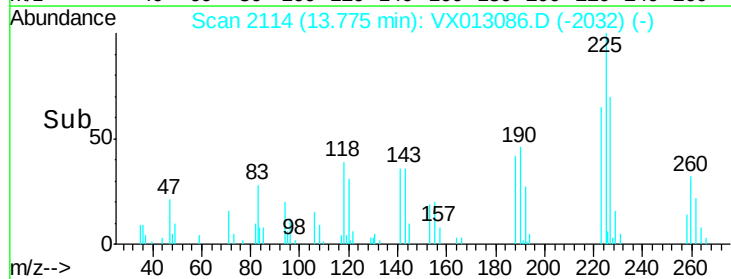
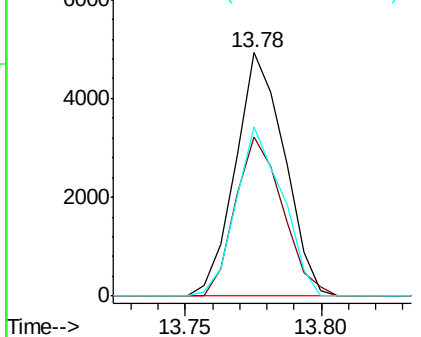


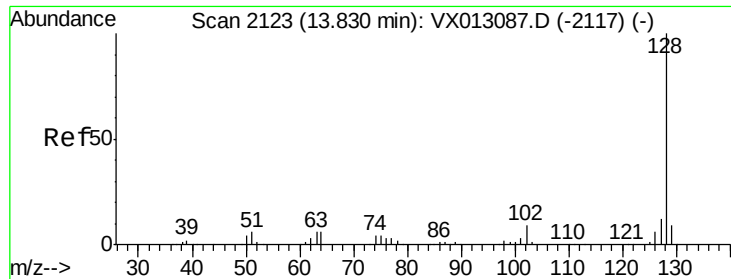
#90  
 Hexachlorobutadiene  
 Concen: 4.181 ug/l  
 RT: 13.78 min Scan# 2114  
 Delta R.T. 0.00 min  
 Lab File: VX013086.D  
 Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.2  | 0.0   | 132.2 |
| 227     | 66.0  | 0.0   | 124.2 |



Abundance Ion 225.00 (224.70 to 225.70): V  
 Ion 223.00 (222.70 to 223.70): V  
 Ion 227.00 (226.70 to 227.70): V





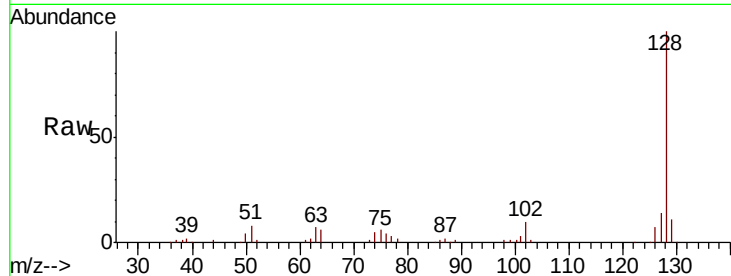
#91  
Naphthalene  
Concen: 3.947 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

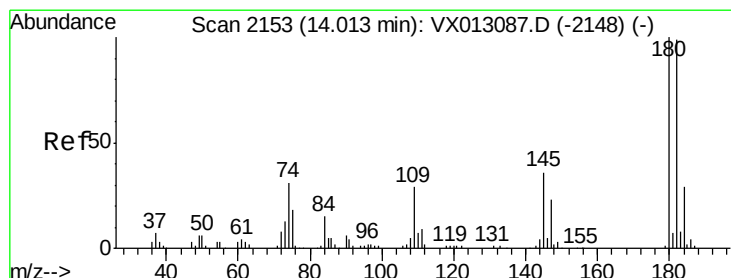
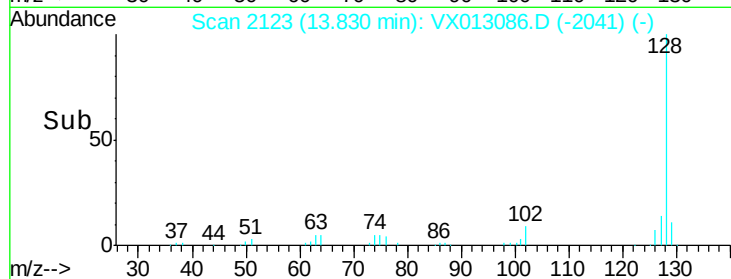
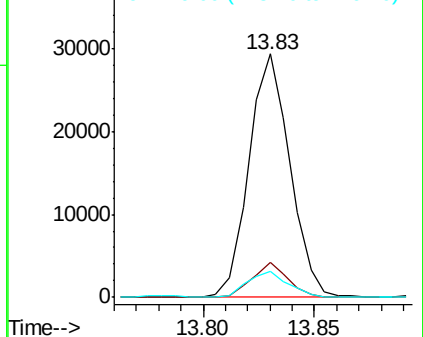
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.7  | 10.0  | 15.0  |
| 129     | 10.5  | 8.0   | 12.0  |

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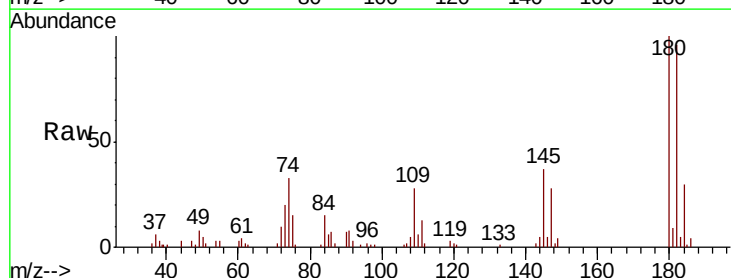


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#92  
1,2,3-Trichlorobenzene  
Concen: 4.007 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: VX013086.D  
Acq: 16 Oct 2019 10:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 0.0   | 195.2 |
| 145     | 36.9  | 0.0   | 69.8  |



Abundance Ion 180.00 (179.70 to 180.70): V  
Ion 182.00 (181.70 to 182.70): V  
Ion 145.00 (144.70 to 145.70): V

