

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\  
 Data File : VX007560.D  
 Acq On : 15 Feb 2019 11:09  
 Operator : JC/SP  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

Manual Integrations  
 APPROVED

MMDadoda  
 2/18/2019 10:39:23 AM

Quant Time: Feb 16 03:55:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Feb 13 07:51:18 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.03  | 128  | 96824    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.86  | 114  | 516413   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.11 | 117  | 463032   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |        |
|---------------------------|--------|-------|----------|----------|------|--------|
| 27) 1,2-Dichloroethane-d4 | 6.07   | 65    | 186235   | 29.73    | ug/l | 0.00   |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 99.10% |
| 60) 4-Bromofluorobenzene  | 11.13  | 95    | 211486   | 29.76    | ug/l | 0.00   |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 99.20% |
| 63) Toluene-d8            | 8.71   | 98    | 617889   | 29.52    | ug/l | 0.00   |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 98.40% |

## Target Compounds

|                               |      |     |        |         | Ovalue     |
|-------------------------------|------|-----|--------|---------|------------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 101574 | 20.716  | ug/l 100   |
| 3) Chloromethane              | 1.33 | 50  | 105338 | 19.548  | ug/l 97    |
| 4) Vinyl Chloride             | 1.42 | 62  | 116296 | 19.187  | ug/l 99    |
| 5) Bromomethane               | 1.64 | 94  | 110235 | 20.366  | ug/l 96    |
| 6) Chloroethane               | 1.73 | 64  | 76066  | 18.462  | ug/l 97    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 191239 | 20.128  | ug/l 100   |
| 8) Diethyl Ether              | 2.20 | 74  | 71488  | 18.835  | ug/l 100   |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 111572 | 20.813  | ug/l 97    |
| 10) 1,1-Dichloroethene        | 2.38 | 96  | 103253 | 19.411  | ug/l 99    |
| 11) Methyl Iodide             | 2.52 | 142 | 123594 | 16.166  | ug/l 95    |
| 12) Methyl Acetate            | 2.78 | 43  | 129016 | 17.587  | ug/l 97    |
| 13) Acrolein                  | 2.30 | 56  | 237976 | 185.971 | ug/l 99    |
| 14) Acrylonitrile             | 3.15 | 53  | 311651 | 92.203  | ug/l 99    |
| 15) Acetone                   | 2.45 | 58  | 104304 | 113.707 | ug/l 99    |
| 16) Carbon Disulfide          | 2.57 | 76  | 275052 | 19.499  | ug/l 99    |
| 17) Allyl chloride            | 2.73 | 41  | 178087 | 19.540  | ug/l 98    |
| 18) Methylene Chloride        | 2.86 | 84  | 112573 | 18.819  | ug/l 96    |
| 19) trans-1,2-Dichloroethene  | 3.17 | 96  | 108576 | 19.084  | ug/l 92    |
| 20) Diisopropyl ether         | 3.87 | 45  | 330694 | 19.200  | ug/l 97    |
| 21) 1,1-Dichloroethane        | 3.70 | 63  | 192944 | 19.982  | ug/l 98    |
| 22) cis-1,2-Dichloroethene    | 4.60 | 96  | 124830 | 19.716  | ug/l 99    |
| 23) tert-Butyl Alcohol        | 3.07 | 59  | 132547 | 93.299  | ug/l # 100 |
| 24) Methyl tert-Butyl Ether   | 3.21 | 73  | 345410 | 18.711  | ug/l 99    |
| 25) Chloroform                | 5.21 | 83  | 195919 | 19.211  | ug/l 100   |
| 26) Cyclohexane               | 5.58 | 56  | 166020 | 20.504  | ug/l # 99  |
| 29) 1,1-Dichloropropene       | 5.80 | 75  | 143902 | 19.977  | ug/l 99    |
| 30) 2-Butanone                | 4.70 | 43  | 436490 | 102.392 | ug/l 99    |
| 31) 2,2-Dichloropropane       | 4.59 | 77  | 143588 | 24.535  | ug/l 98    |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 167543 | 19.459  | ug/l 99    |
| 33) Carbon Tetrachloride      | 5.79 | 117 | 148774 | 19.547  | ug/l 97    |
| 34) Benzene                   | 6.15 | 78  | 433364 | 19.084  | ug/l 98    |
| 35) Methacrylonitrile         | 5.06 | 41  | 82017  | 18.504  | ug/l 99    |
| 36) 1,2-Dichloroethane        | 6.20 | 62  | 147525 | 19.089  | ug/l 100   |
| 37) Trichloroethene           | 7.21 | 130 | 127435 | 19.519  | ug/l 97    |
| 38) Methylcyclohexane         | 7.46 | 83  | 183842 | 22.047  | ug/l 99    |
| 39) 1,2-Dichloropropane       | 7.52 | 63  | 109356 | 19.361  | ug/l 99    |
| 40) Dibromomethane            | 7.66 | 93  | 76638  | 18.787  | ug/l 95    |

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 Operator : JC/SP  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

Manual Integrations  
 APPROVED

MMDadoda  
 2/18/2019 10:39:23 AM

Quant Time: Feb 16 03:55:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Feb 13 07:51:18 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 41) Bromodichloromethane       | 7.90  | 83   | 135933   | 18.777  | ug/l   | 98       |
| 42) Vinyl Acetate              | 3.82  | 43   | 1472251  | 98.668  | ug/l   | 99       |
| 43) Ethyl Acetate              | 4.85  | 43   | 157123   | 19.247  | ug/l # | 81       |
| 44) Isopropyl Acetate          | 6.46  | 43   | 242620   | 19.249  | ug/l   | 99       |
| 45) 1,4-Dioxane                | 7.75  | 88   | 58552    | 393.613 | ug/l   | 96       |
| 46) Methyl methacrylate        | 7.77  | 41   | 121877   | 19.095  | ug/l   | 97       |
| 47) n-amyl Acetate             | 10.90 | 43   | 213704   | 19.236  | ug/l   | 97       |
| 48) t-1,3-Dichloropropene      | 9.04  | 75   | 146079   | 19.546  | ug/l   | 96       |
| 49) cis-1,3-Dichloropropene    | 8.43  | 75   | 161650   | 19.424  | ug/l   | 100      |
| 50) 1,1,2-Trichloroethane      | 9.21  | 97   | 116738   | 19.626  | ug/l   | 92       |
| 51) Ethyl methacrylate         | 9.18  | 69   | 162689   | 18.866  | ug/l   | 98       |
| 52) 1,3-Dichloropropane        | 9.37  | 76   | 182326   | 19.003  | ug/l   | 100      |
| 53) Dibromochloromethane       | 9.59  | 129  | 116848   | 18.887  | ug/l   | 100      |
| 54) 1,2-Dibromoethane          | 9.67  | 107  | 124073   | 19.050  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether  | 8.31  | 63   | 456287   | 104.077 | ug/l   | 100      |
| 56) Bromoform                  | 10.85 | 173  | 85245    | 18.267  | ug/l   | 98       |
| 58) 4-Methyl-2-Pentanone       | 8.65  | 43   | 794191   | 95.357  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 619094   | 97.863  | ug/l   | 99       |
| 61) Tetrachloroethene          | 9.34  | 164  | 132715   | 20.190  | ug/l   | 97       |
| 62) Toluene                    | 8.78  | 91   | 485686   | 19.260  | ug/l   | 98       |
| 64) Chlorobenzene              | 10.14 | 112  | 315907   | 19.277  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 114312   | 19.258  | ug/l   | 99       |
| 66) Ethyl Benzene              | 10.25 | 91   | 524559   | 19.602  | ug/l   | 100      |
| 67) m/p-Xylenes                | 10.36 | 106  | 410894   | 39.148  | ug/l   | 100      |
| 68) o-Xylene                   | 10.69 | 106  | 196965   | 19.241  | ug/l   | 100      |
| 69) Styrene                    | 10.71 | 104  | 318970   | 19.309  | ug/l   | 99       |
| 70) Isopropylbenzene           | 11.02 | 105  | 534544   | 19.793  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 169781   | 19.018  | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane     | 11.29 | 75   | 161715m  | 19.812  | ug/l   |          |
| 73) Bromobenzene               | 11.26 | 156  | 144510   | 19.599  | ug/l   | 99       |
| 74) n-propylbenzene            | 11.36 | 91   | 607712   | 20.266  | ug/l   | 100      |
| 75) 2-Chlorotoluene            | 11.42 | 91   | 353551   | 19.719  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 441226   | 20.014  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene    | 11.07 | 75   | 45756    | 19.420  | ug/l   | 95       |
| 78) 4-Chlorotoluene            | 11.51 | 91   | 402036   | 19.645  | ug/l   | 99       |
| 79) tert-butylbenzene          | 12.06 | 119  | 475224   | 20.301  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 447772   | 20.009  | ug/l   | 100      |
| 81) sec-Butylbenzene           | 11.94 | 105  | 535906   | 20.356  | ug/l   | 100      |
| 82) p-Isopropyltoluene         | 12.06 | 119  | 475224   | 20.301  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene        | 12.02 | 146  | 259641   | 20.031  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene        | 12.10 | 146  | 255561   | 19.757  | ug/l   | 99       |
| 85) n-Butylbenzene             | 12.38 | 91   | 402952   | 20.744  | ug/l   | 99       |
| 86) Hexachloroethane           | 12.60 | 117  | 77817    | 20.022  | ug/l   | 96       |
| 87) 1,2-Dichlorobenzene        | 12.39 | 146  | 252669   | 19.421  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 34311    | 18.416  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 174390   | 20.409  | ug/l   | 100      |
| 90) Hexachlorobutadiene        | 13.78 | 225  | 85104    | 21.317  | ug/l   | 97       |
| 91) Naphthalene                | 13.83 | 128  | 527895   | 19.371  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene     | 14.02 | 180  | 171632   | 19.759  | ug/l   | 99       |
| -----                          |       |      |          |         |        |          |

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Data File : VX007560.D  
Acq On : 15 Feb 2019 11:09  
Operator : JC/SP  
Sample : VSTDCCC020  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

Manual Integrations  
APPROVED

MMDadoda  
2/18/2019 10:39:23 AM

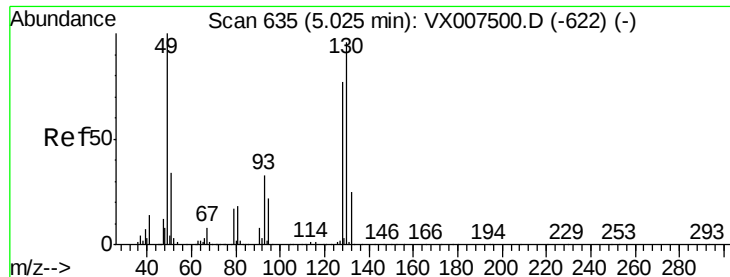
Quant Time: Feb 16 03:55:39 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Wed Feb 13 07:51:18 2019  
Response via : Initial Calibration

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

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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

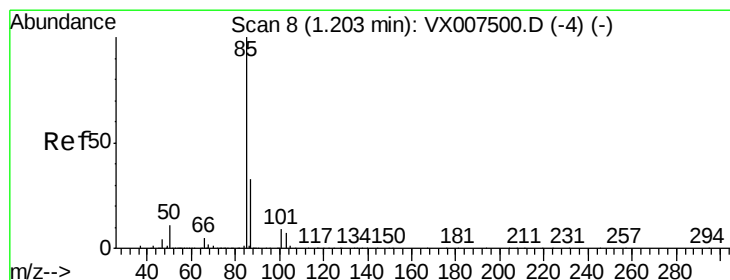
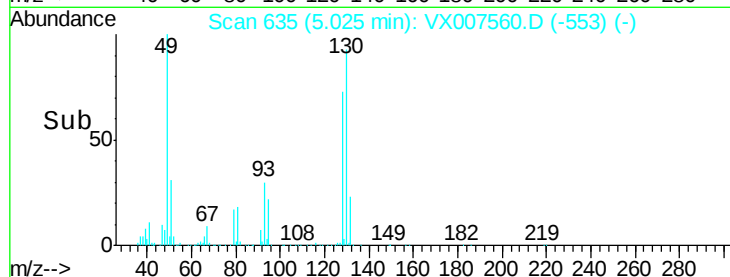
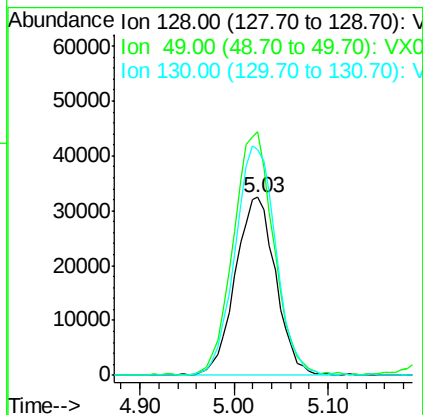
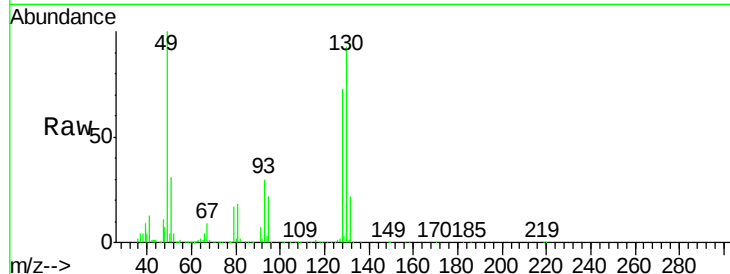
ClientSampleId :

VSTDCCC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 96824 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 136.4 | 0.0   | 350.8 |
| 130      | 129.9 | 0.0   | 325.8 |

Manual Integrations  
APPROVED

MMDadoda  
2/18/2019 10:39:23 AM



#2

Dichlorodifluoromethane

Concen: 20.716 ug/l

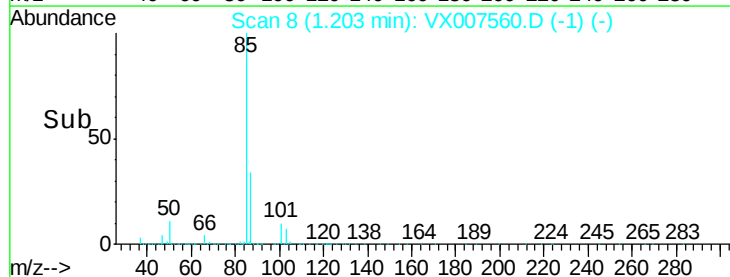
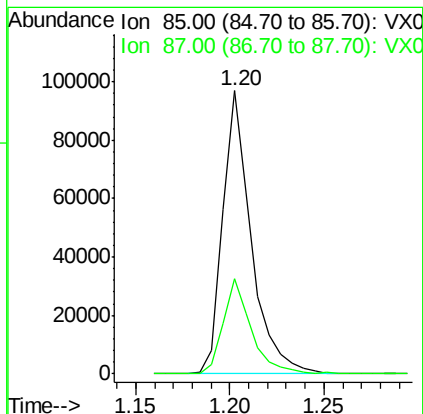
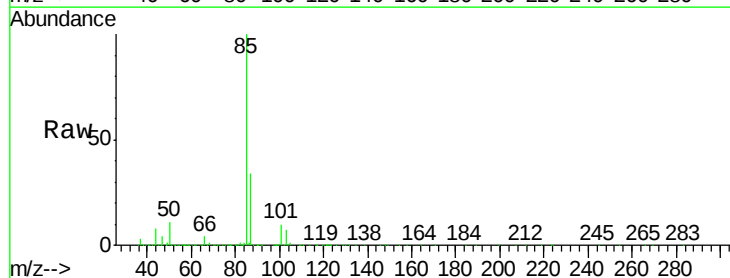
RT: 1.20 min Scan# 8

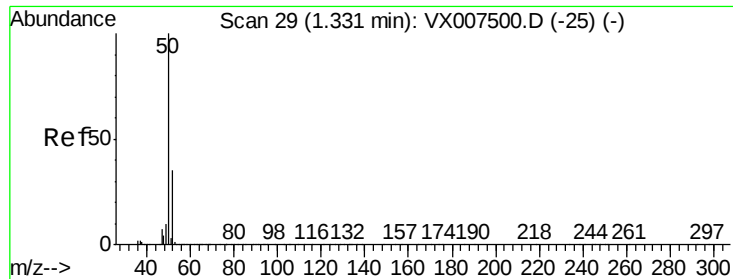
Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 85    | Resp: | 101574 |
| Ion      | Ratio | Lower | Upper  |
| 85       | 100   |       |        |
| 87       | 33.4  | 16.6  | 49.8   |





#3

Chloromethane

Concen: 19.548 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC020

Tot Ion: 50 Resp: 105338

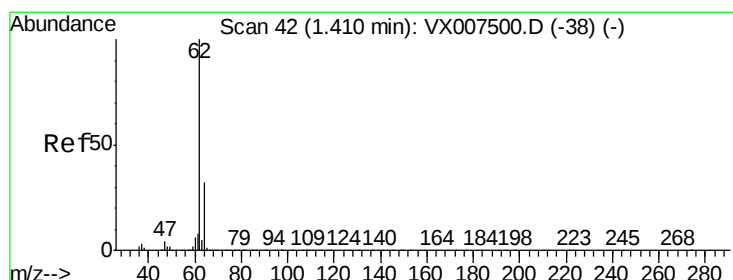
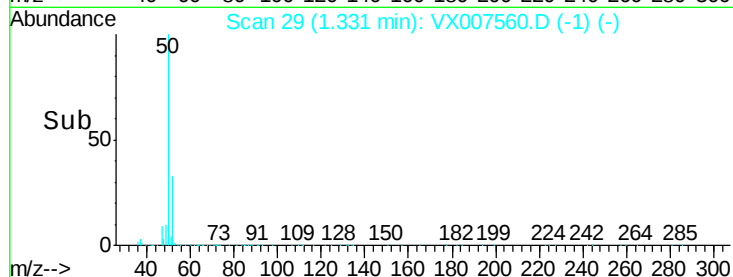
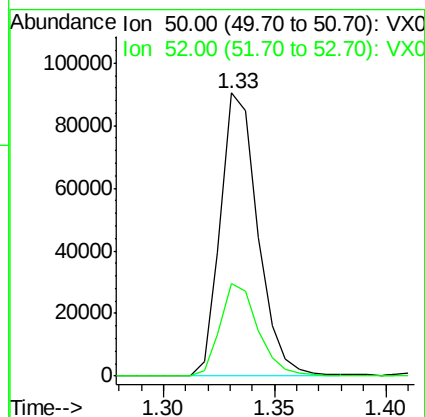
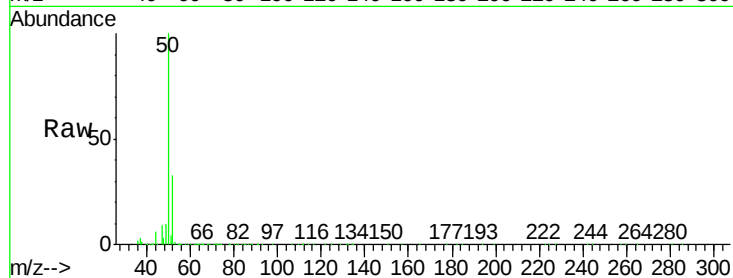
Ion Ratio Lower Upper

50 100

52 32.6 27.5 41.3

Manual Integrations  
APPROVED

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2/18/2019 10:39:23 AM



#4

Vinyl Chloride

Concen: 19.187 ug/l

RT: 1.42 min Scan# 43

Delta R.T. 0.01 min

Lab File: VX007560.D

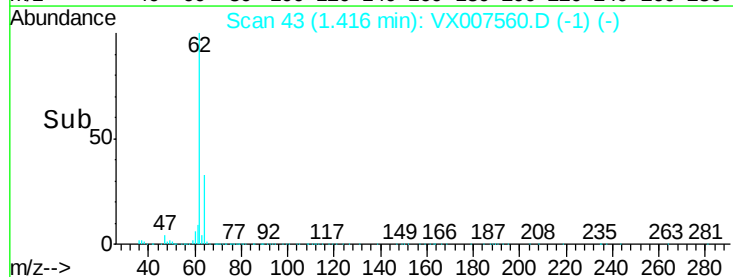
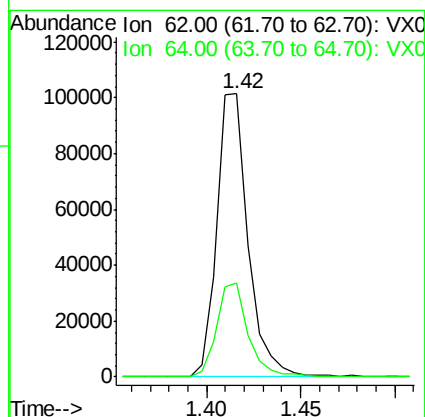
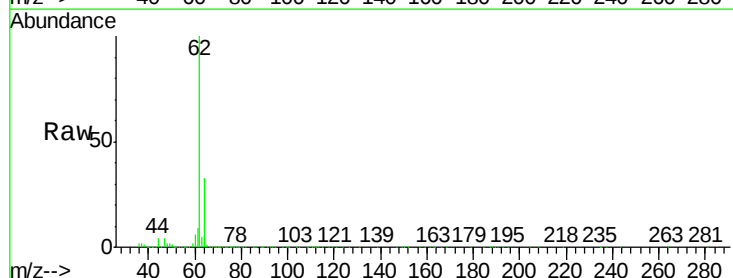
Acq: 15 Feb 2019 11:09

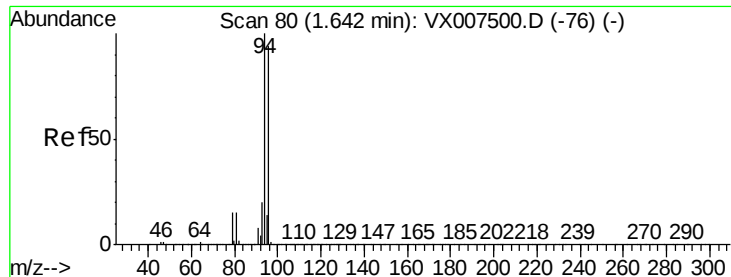
Tgt Ion: 62 Resp: 116296

Ion Ratio Lower Upper

62 100

64 33.2 25.9 38.9





#5

Bromomethane

Concen: 20.366 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 110235

Ion Ratio Lower Upper

94 100

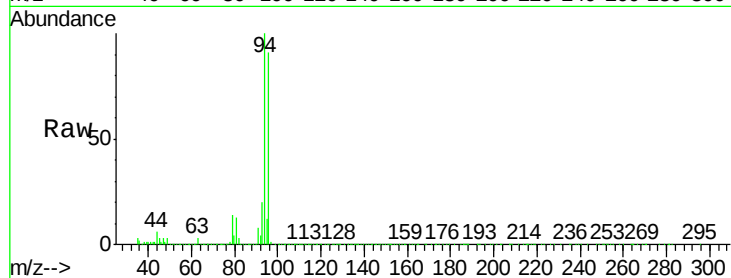
96 90.9 75.6 113.4

Manual Integrations

APPROVED

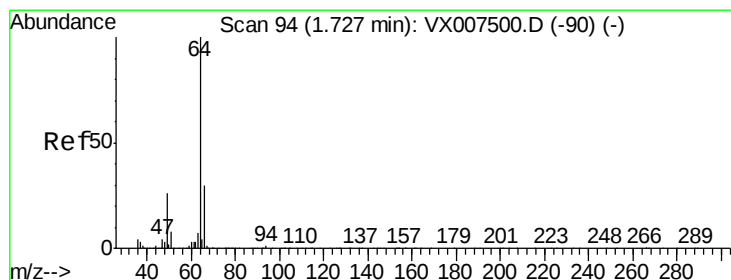
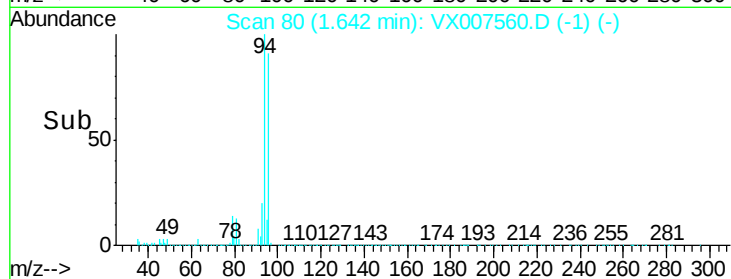
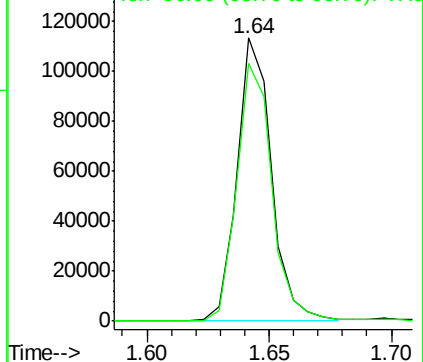
MMDadoda

2/18/2019 10:39:23 AM



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.462 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007560.D

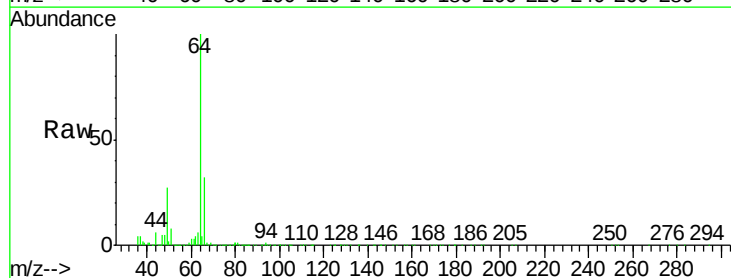
Acq: 15 Feb 2019 11:09

Tgt Ion: 64 Resp: 76066

Ion Ratio Lower Upper

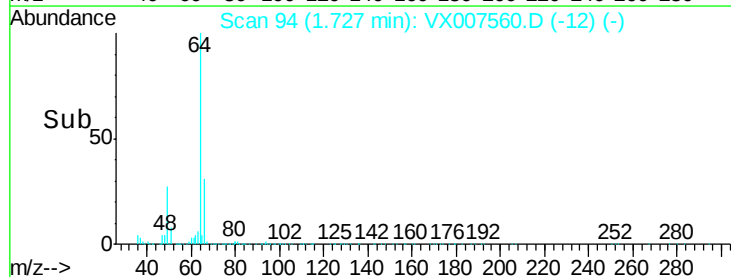
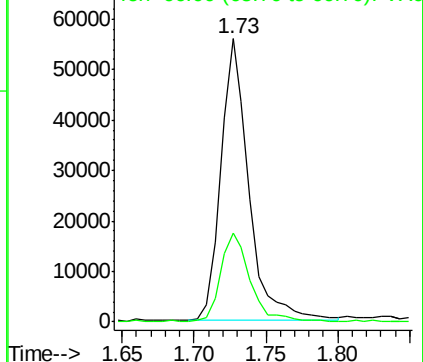
64 100

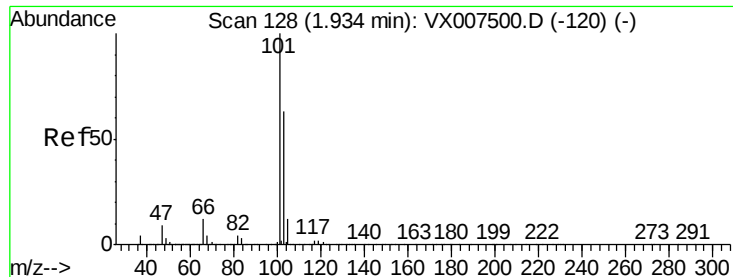
66 31.5 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

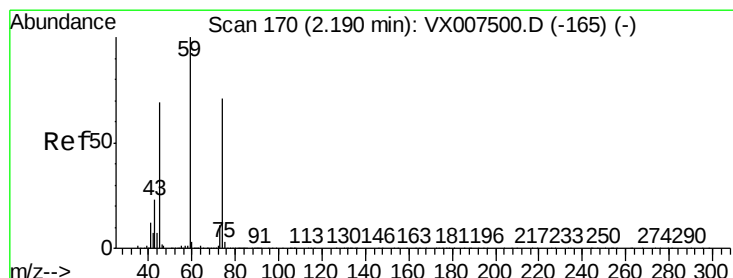
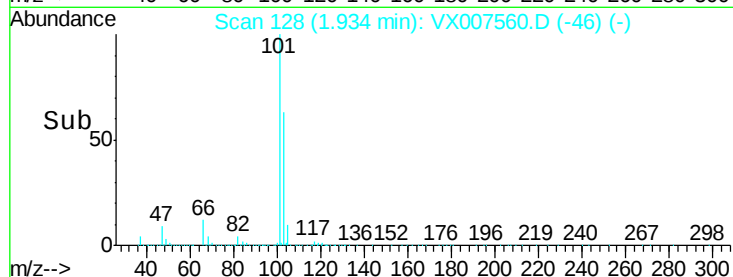
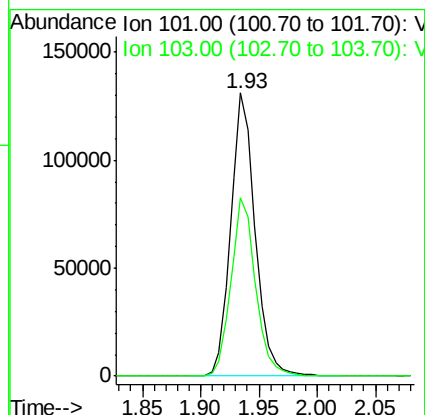
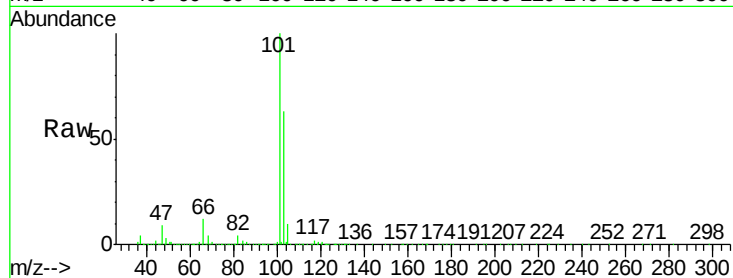
Trichlorofluoromethane  
Concen: 20.128 ug/l  
RT: 1.93 min Scan# 128  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.9  | 50.4  | 75.6  |

Manual Integrations  
APPROVED

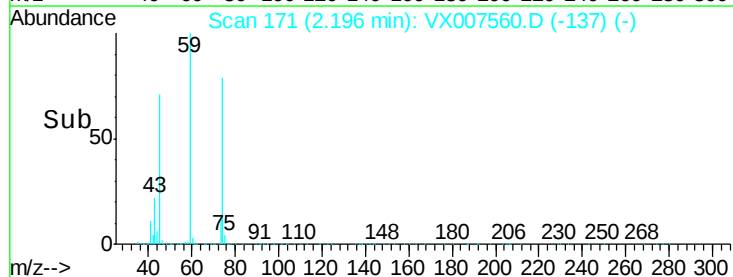
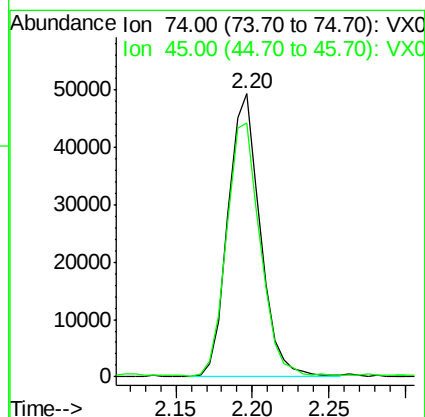
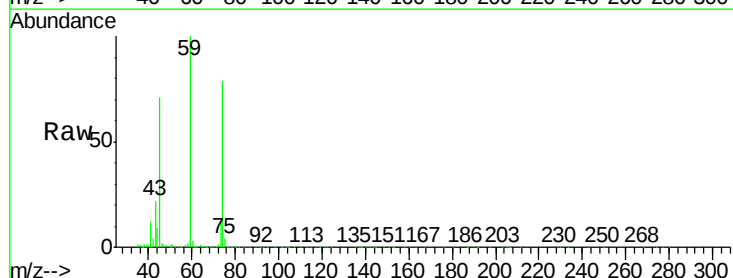
MMDadoda  
2/18/2019 10:39:23 AM

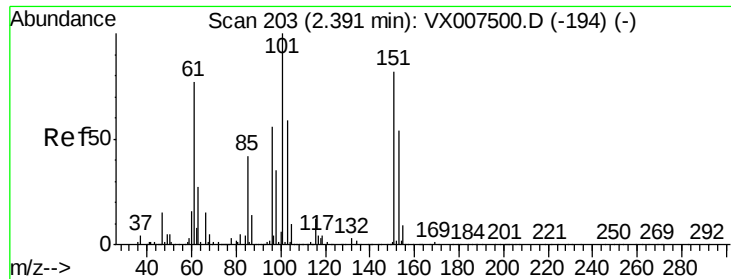


#8

Diethyl Ether  
Concen: 18.835 ug/l  
RT: 2.20 min Scan# 171  
Delta R.T. 0.01 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 93.6  | 18.6  | 167.8 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.813 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.01 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

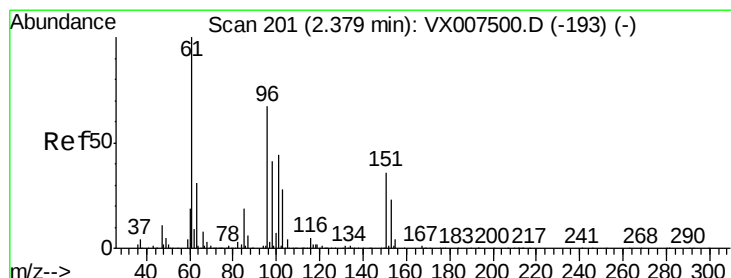
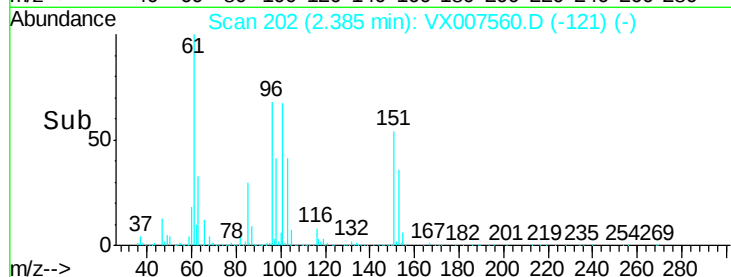
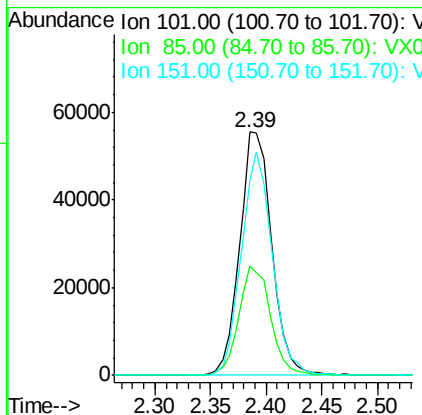
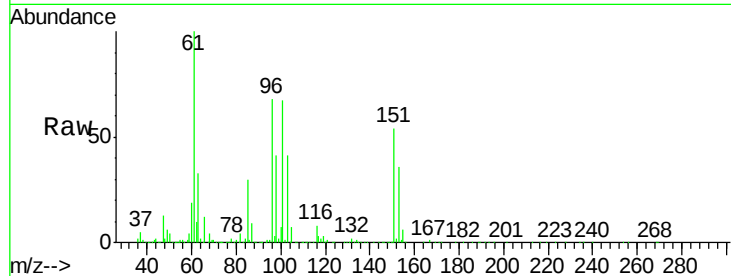
ClientSampleId :

VSTDCCC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 111572 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.4  | 0.0   | 86.8   |
| 151       | 88.5  | 0.0   | 169.2  |

Manual Integrations  
APPROVED

MMDadoda  
2/18/2019 10:39:23 AM



#10

1,1-Dichloroethene

Concen: 19.411 ug/l

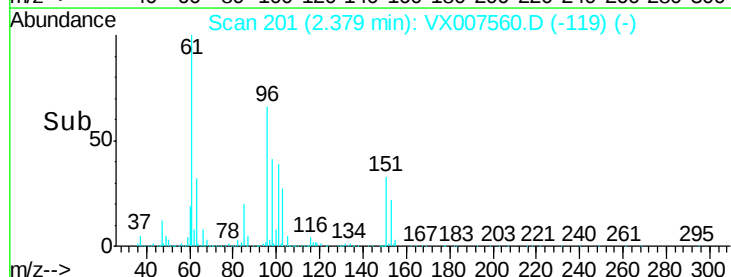
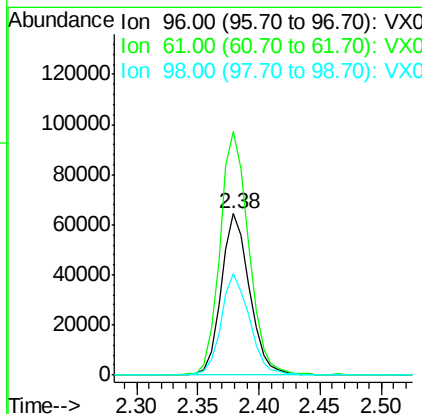
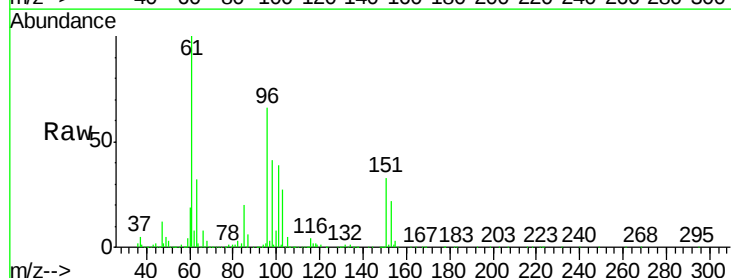
RT: 2.38 min Scan# 201

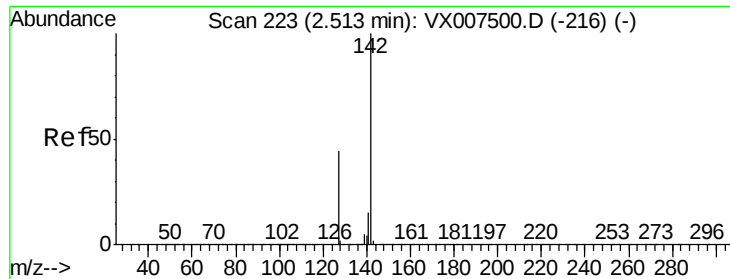
Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 103253 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 150.6 | 120.2 | 180.2  |
| 98        | 62.7  | 49.0  | 73.4   |





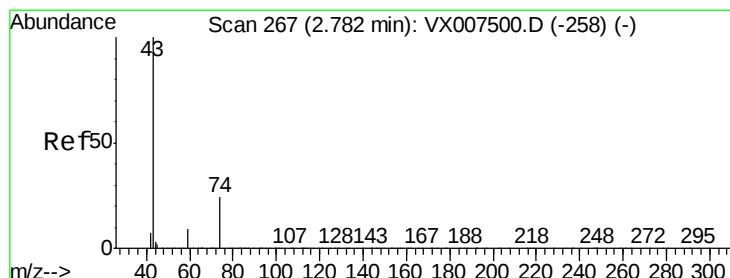
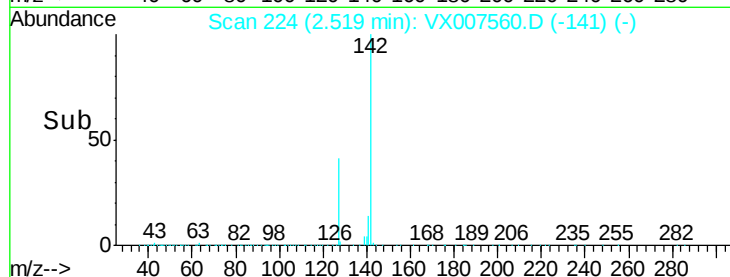
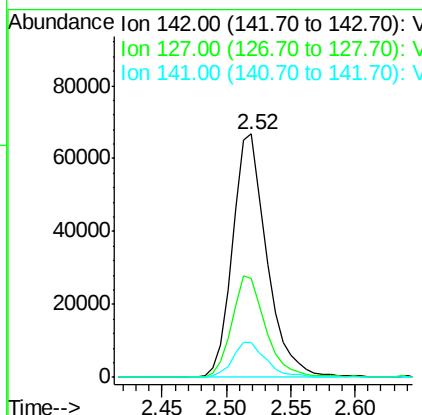
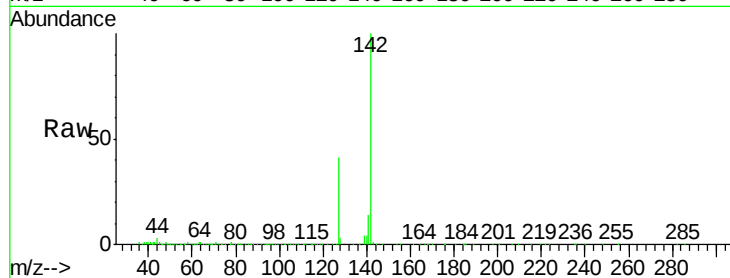
#11  
Methyl Iodide  
Concen: 16.166 ug/l  
RT: 2.52 min Scan# 224  
Delta R.T. 0.01 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 40.7  | 22.1  | 66.5  |
| 141     | 14.2  | 7.4   | 22.3  |

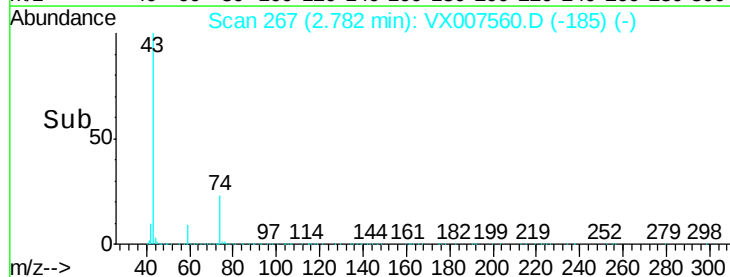
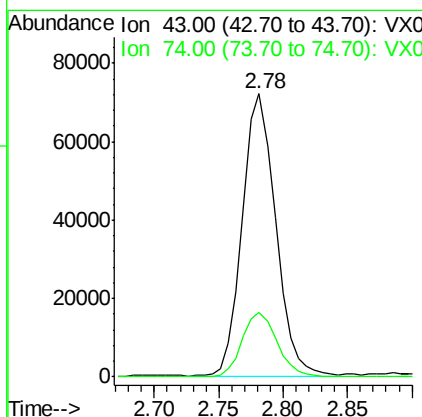
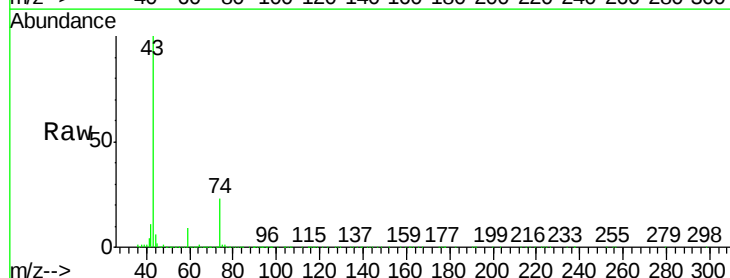
Manual Integrations  
APPROVED

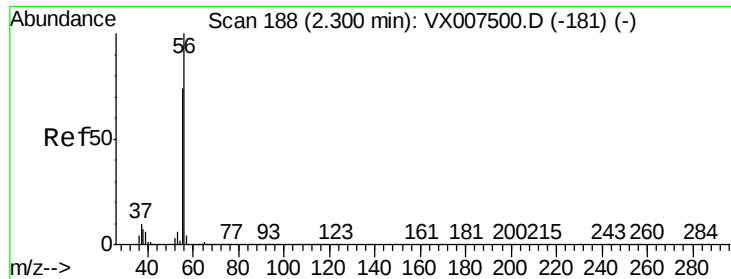
MMDadoda  
2/18/2019 10:39:23 AM



#12  
Methyl Acetate  
Concen: 17.587 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.8  | 19.4  | 29.0  |





#13

Acrolein

Concen: 185.971 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 237976

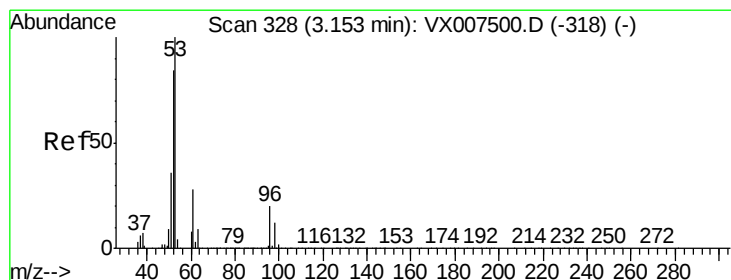
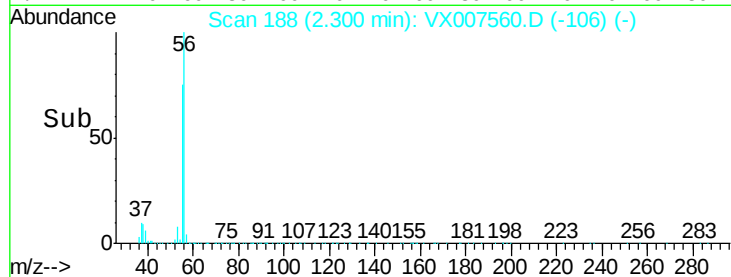
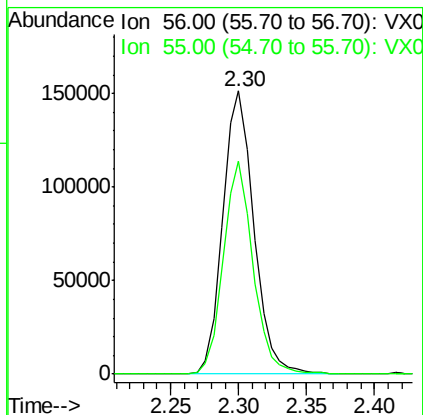
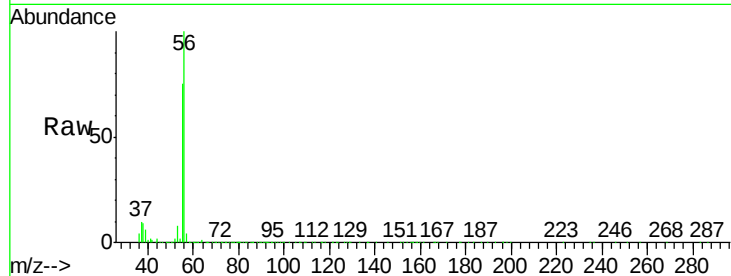
Ion Ratio Lower Upper

56 100

55 72.2 58.6 87.8

Manual Integrations  
APPROVED

MMDadoda  
2/18/2019 10:39:23 AM



#14

Acrylonitrile

Concen: 92.203 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

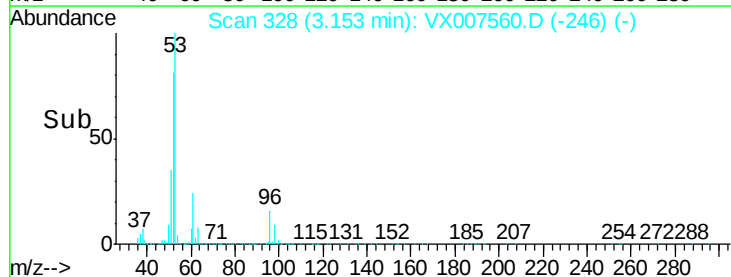
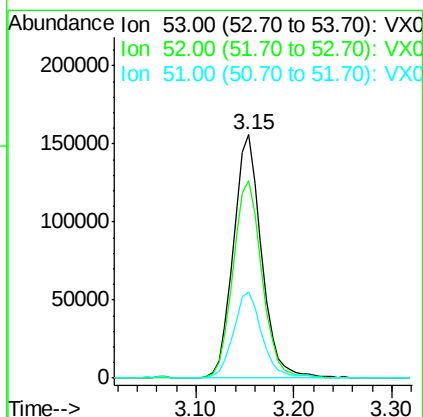
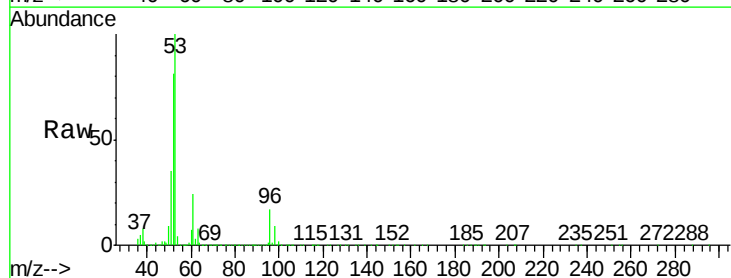
Tgt Ion: 53 Resp: 311651

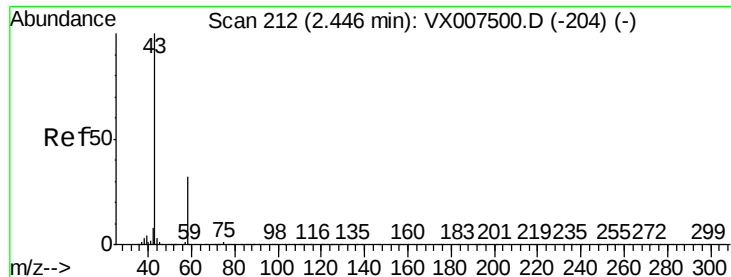
Ion Ratio Lower Upper

53 100

52 83.1 41.3 124.1

51 35.7 17.5 52.6





#15

Acetone

Concen: 113.707 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 104304

Ion Ratio Lower Upper

58 100

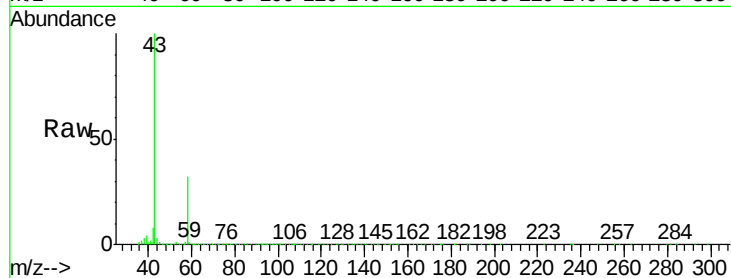
43 313.7 249.8 374.6

Manual Integrations

APPROVED

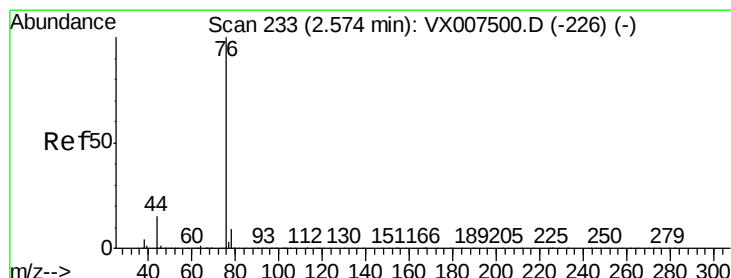
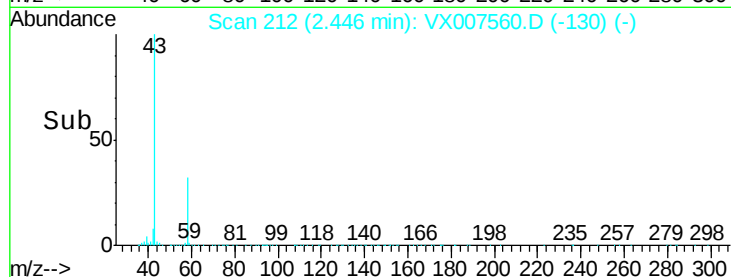
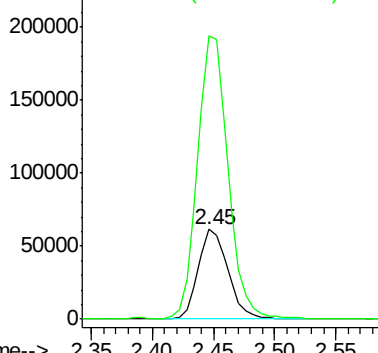
MMDadoda

2/18/2019 10:39:23 AM



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.499 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007560.D

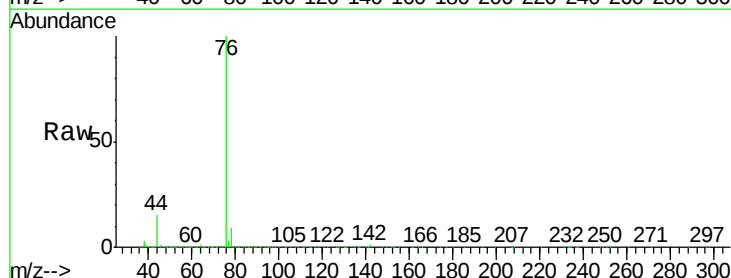
Acq: 15 Feb 2019 11:09

Tgt Ion: 76 Resp: 275052

Ion Ratio Lower Upper

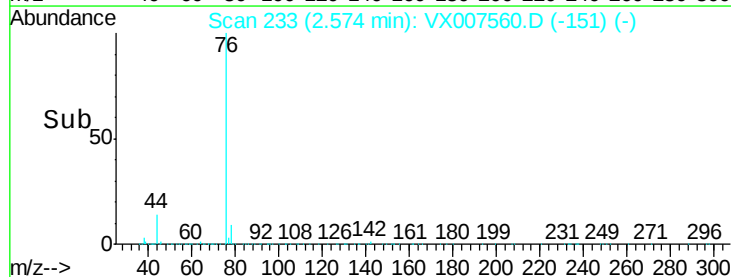
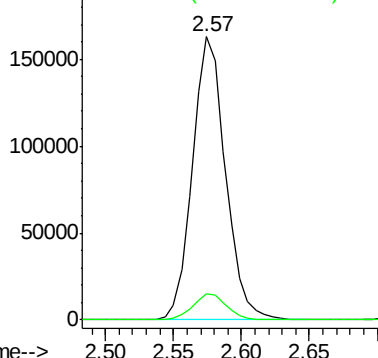
76 100

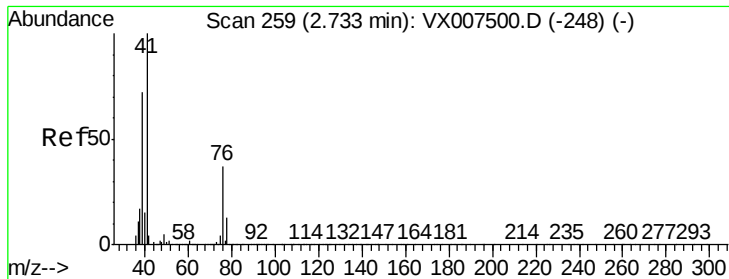
78 9.2 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





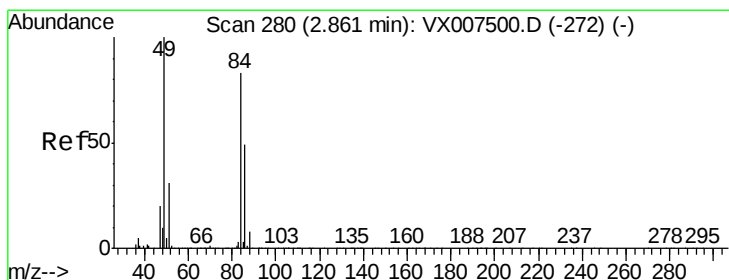
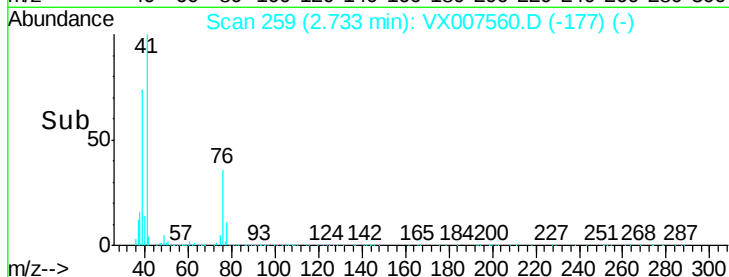
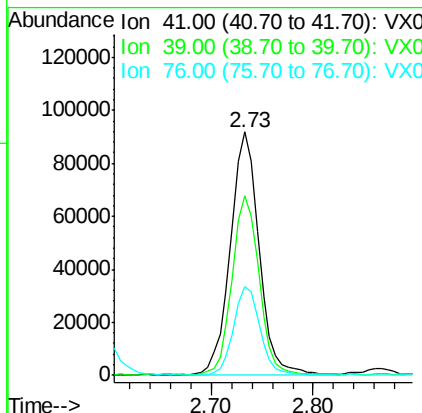
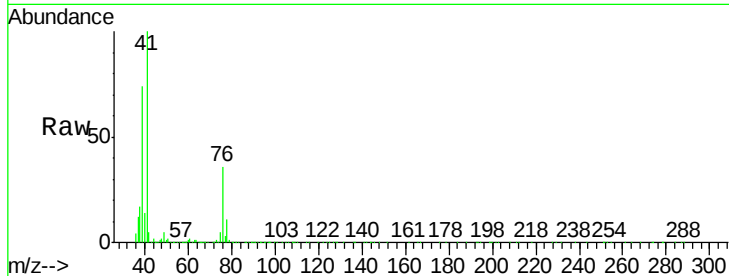
#17  
Allvl chloride  
Concen: 19.540 ug/l  
RT: 2.73 min Scan# 259  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 178087 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 73.5  | 35.8  | 107.4  |
| 76       | 36.1  | 18.3  | 54.9   |

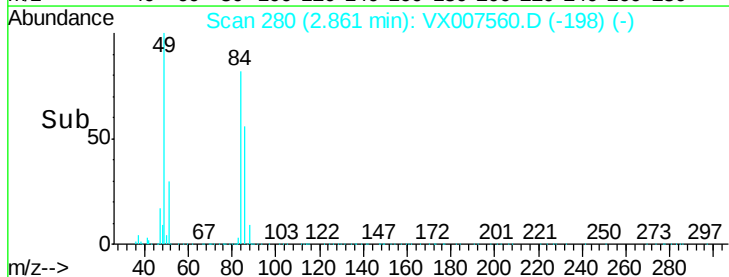
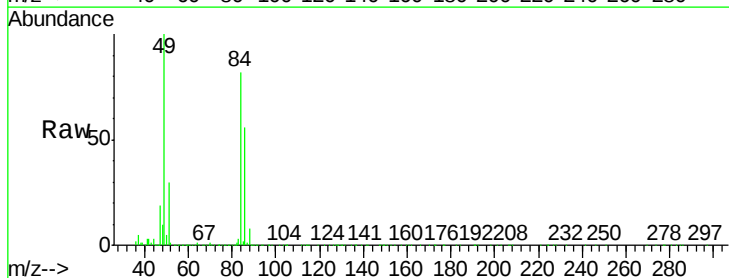
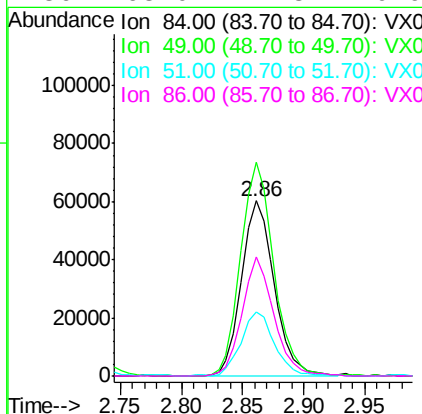
Manual Integrations  
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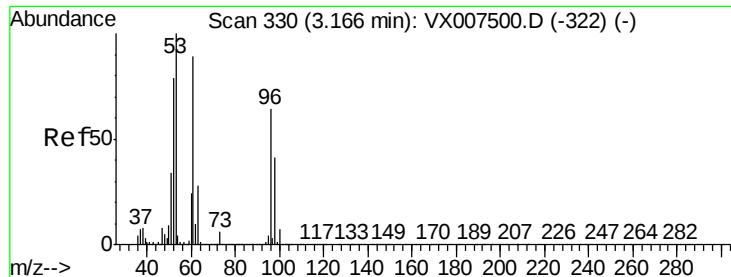
MMDadoda  
2/18/2019 10:39:23 AM



#18  
Methylene Chloride  
Concen: 18.819 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 112573 |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 122.0 | 96.1  | 144.1  |
| 51       | 36.5  | 29.1  | 43.7   |
| 86       | 68.0  | 47.3  | 70.9   |





#19

trans-1,2-Dichloroethene

Concen: 19.084 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

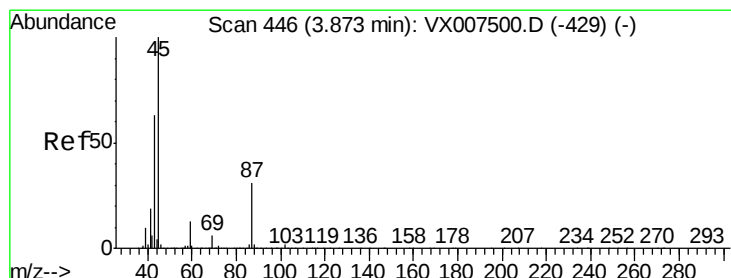
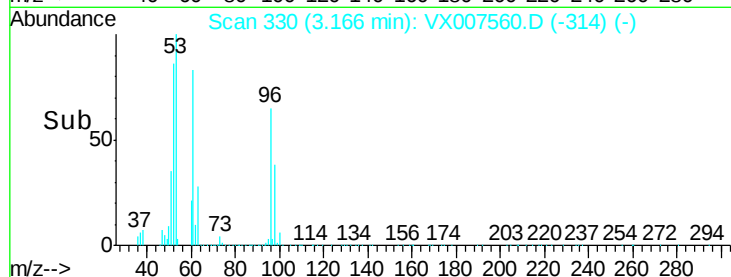
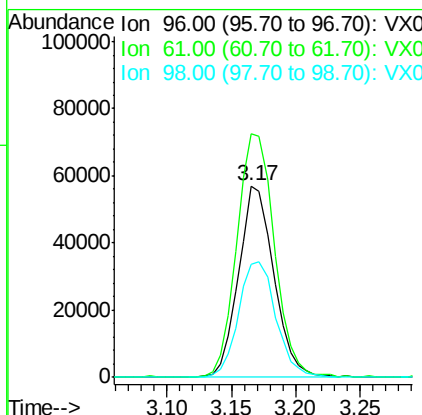
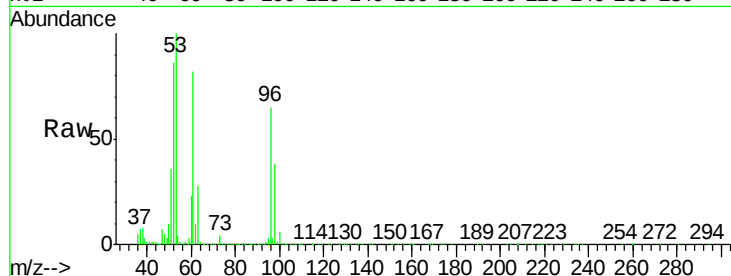
ClientSampleId :

VSTDCCC020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 108576 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 126.8 | 109.9 | 164.9  |
| 98       | 58.7  | 50.4  | 75.6   |

Manual Integrations  
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MMDadoda  
2/18/2019 10:39:23 AM



#20

Diisopropyl ether

Concen: 19.200 ug/l

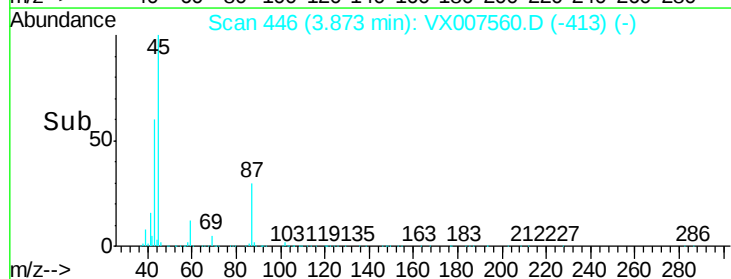
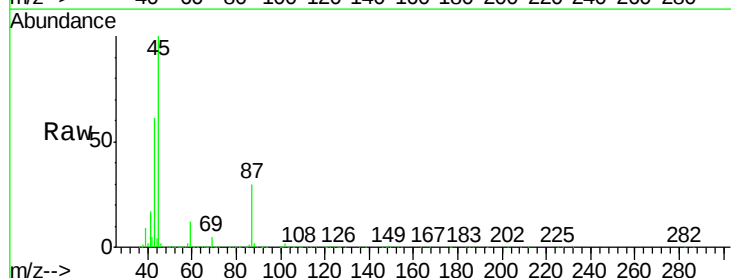
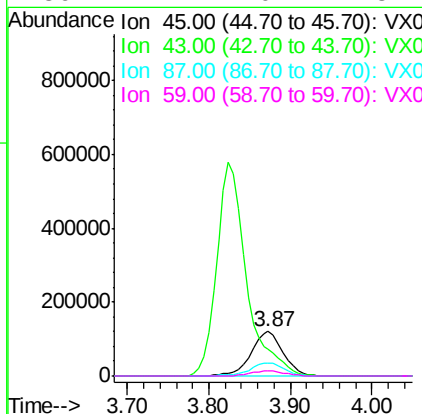
RT: 3.87 min Scan# 446

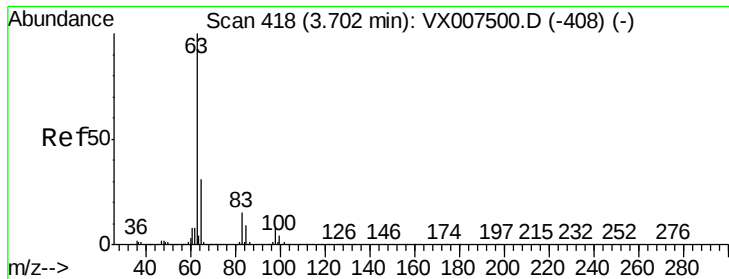
Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 330694 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 59.8  | 50.6  | 76.0   |
| 87       | 30.0  | 24.5  | 36.7   |
| 59       | 11.7  | 10.2  | 15.2   |





#21

1,1-Dichloroethane

Concen: 19.982 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

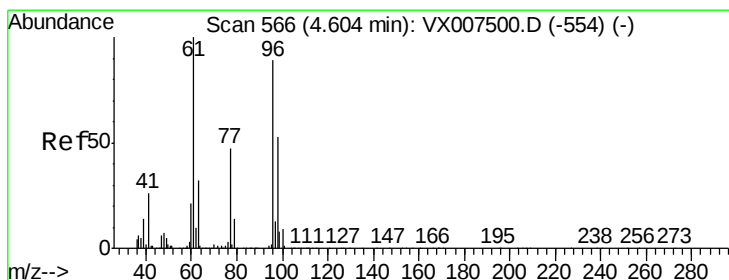
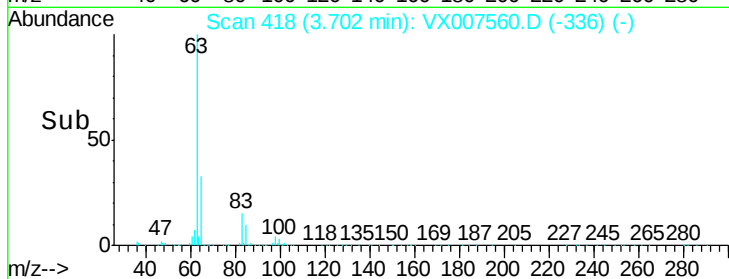
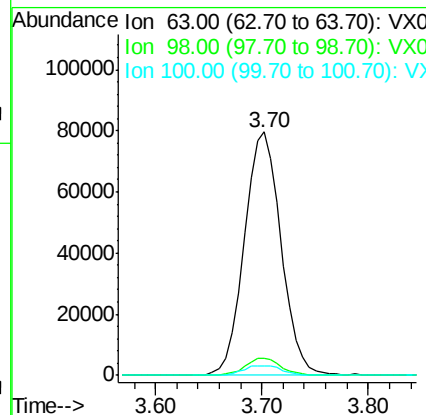
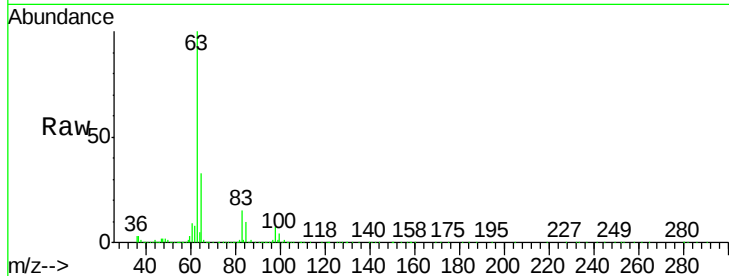
ClientSampleId :

VSTDCCC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 63    | Resp: | 192944 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 98        | 6.9   | 3.8   | 11.4   |
| 100       | 4.0   | 2.4   | 7.1    |

Manual Integrations  
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MMDadoda  
2/18/2019 10:39:23 AM



#22

cis-1,2-Dichloroethene

Concen: 19.716 ug/l

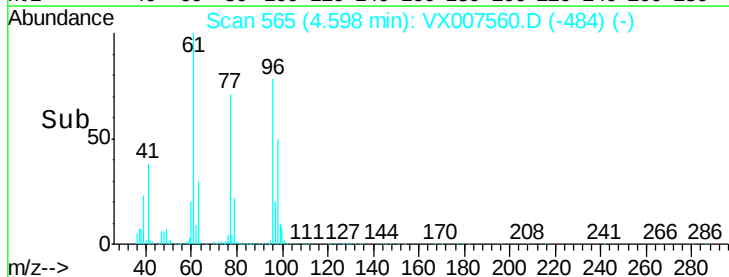
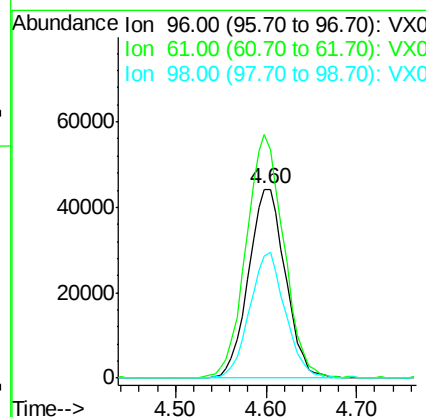
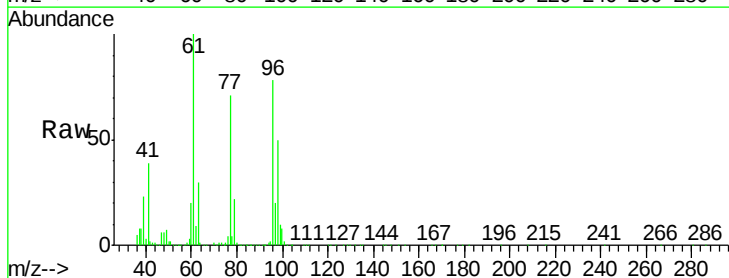
RT: 4.60 min Scan# 565

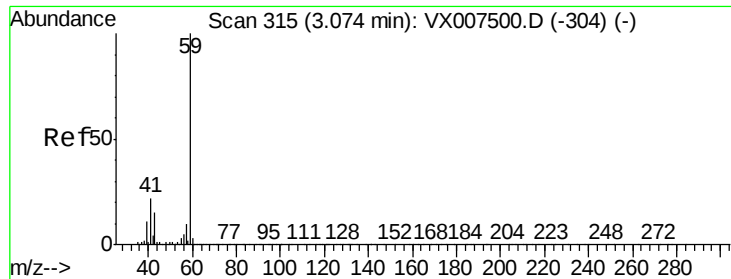
Delta R.T. -0.01 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 124830 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 131.0 | 103.5 | 155.3  |
| 98        | 64.0  | 52.1  | 78.1   |





#23

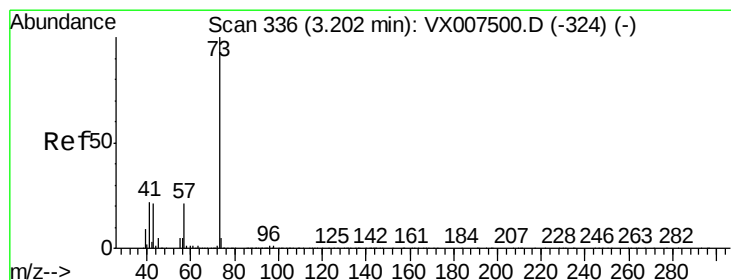
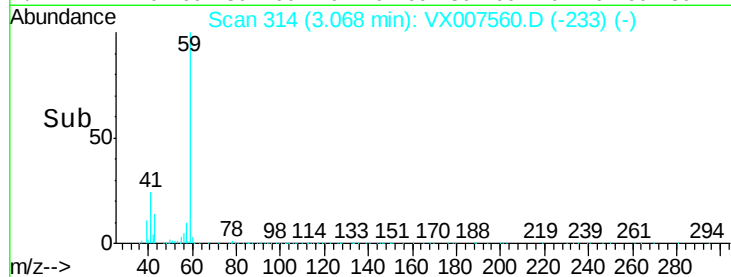
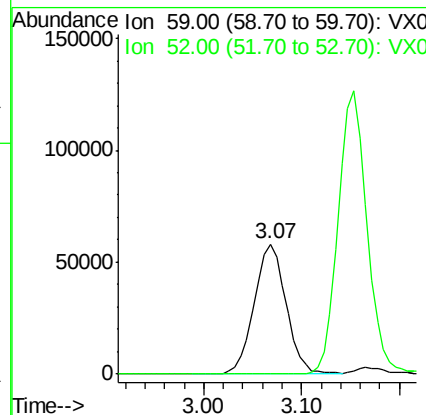
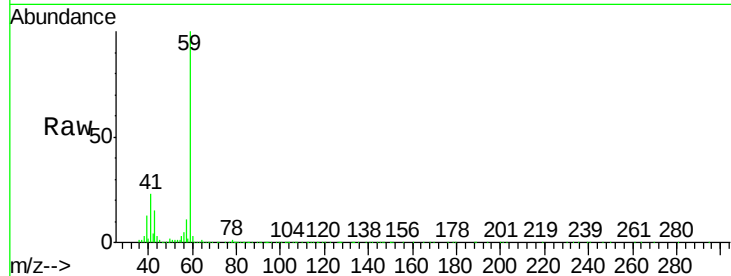
tert-Butyl Alcohol  
 Concen: 93.299 ug/l  
 RT: 3.07 min Scan# 314  
 Delta R.T. -0.01 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 52      | 0.4   | 0.2   | 0.2#  |

Manual Integrations  
 APPROVED

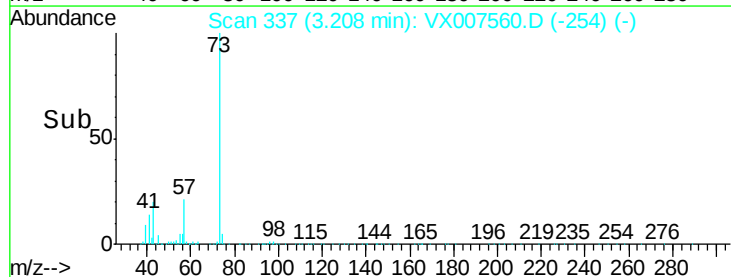
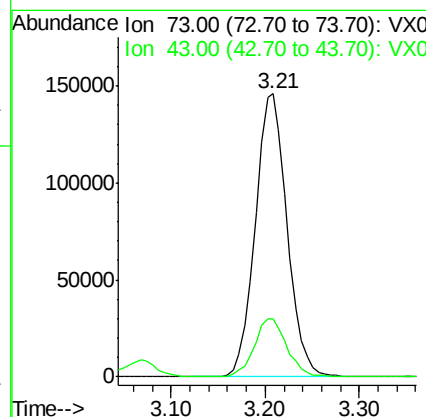
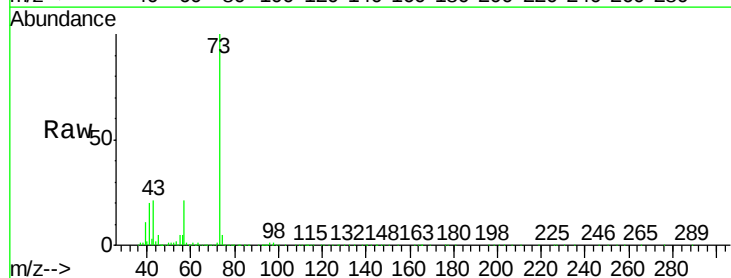
MMDadoda  
 2/18/2019 10:39:23 AM

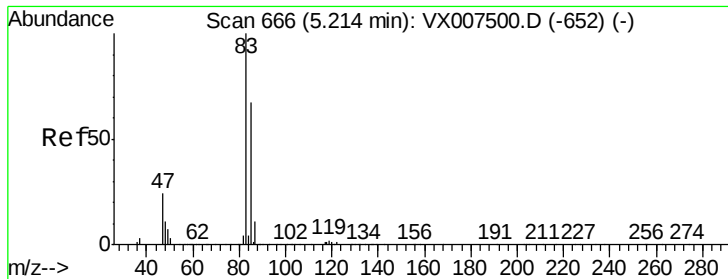


#24

Methyl tert-Butyl Ether  
 Concen: 18.711 ug/l  
 RT: 3.21 min Scan# 337  
 Delta R.T. 0.01 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 43      | 20.8  | 17.1  | 25.7  |





#25

Chloroform

Concen: 19.211 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 195919

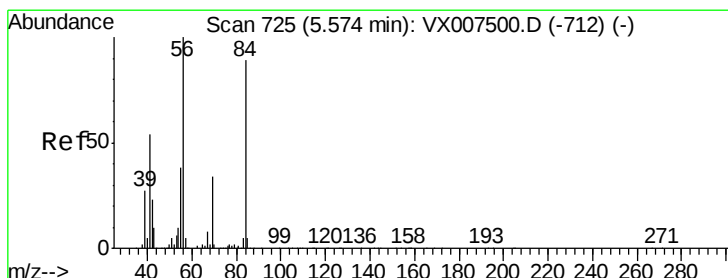
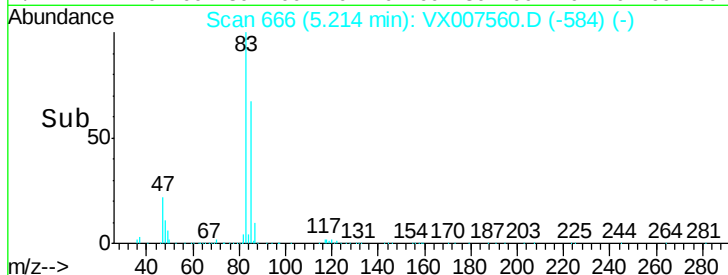
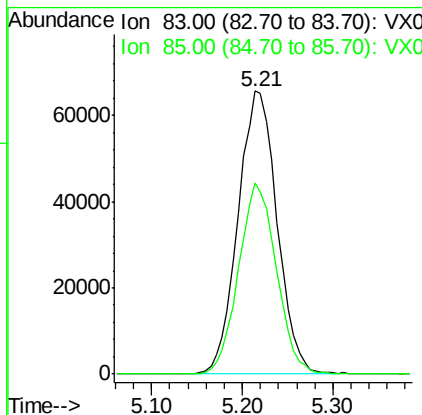
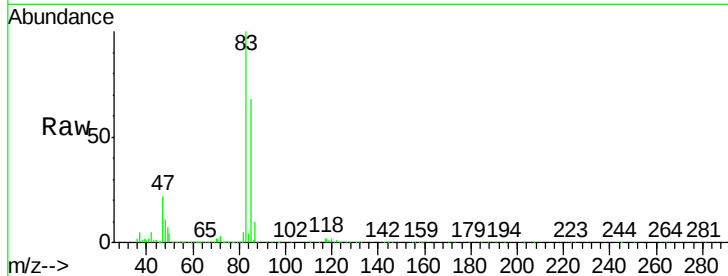
Ion Ratio Lower Upper

83 100

85 67.5 53.8 80.6

Manual Integrations  
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#26

Cyclohexane

Concen: 20.504 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

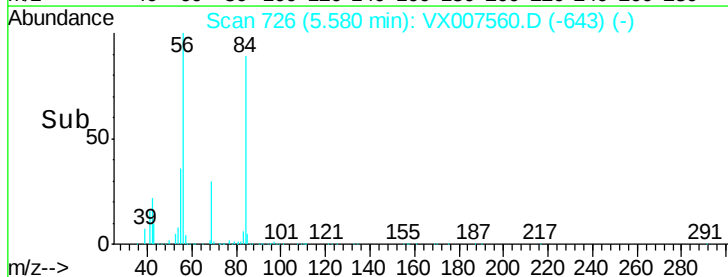
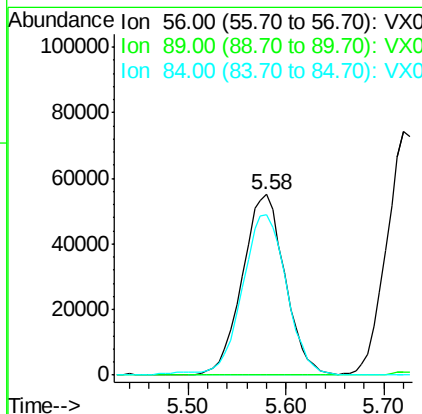
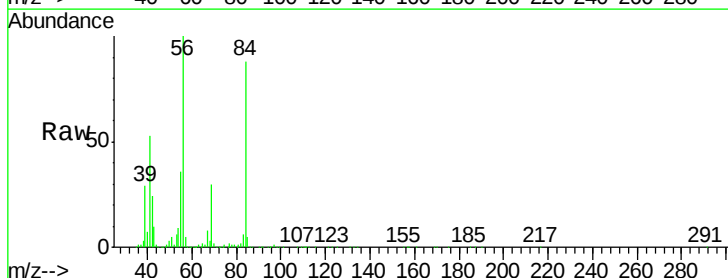
Tgt Ion: 56 Resp: 166020

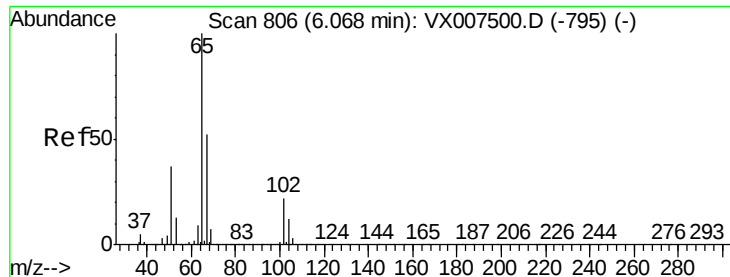
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 91.7 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.734 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

Tot Ion: 65 Resp: 186235

Ion Ratio Lower Upper

65 100

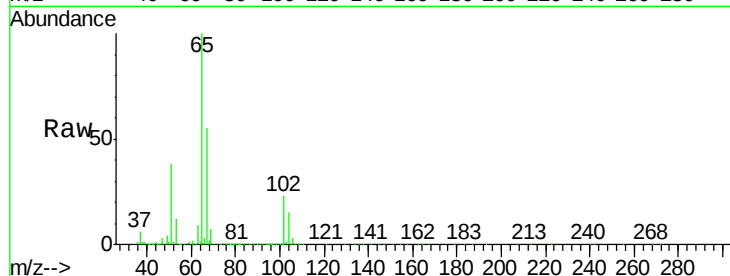
67 52.3 42.9 64.3

Manual Integrations

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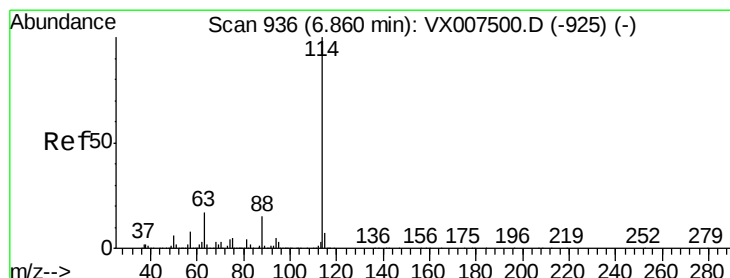
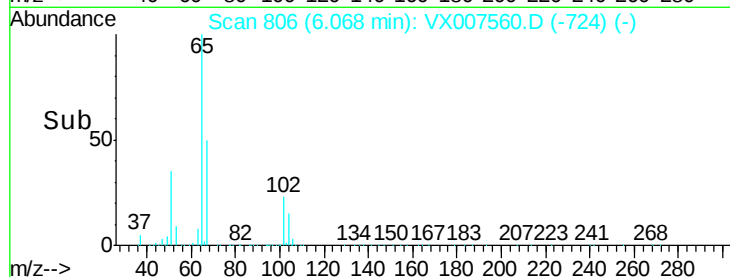
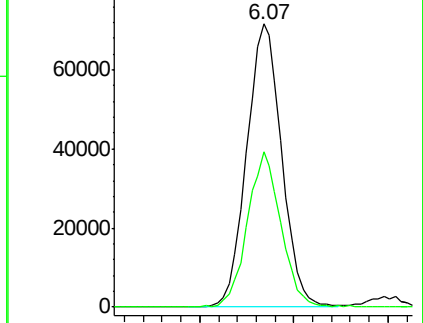
MMDadoda

2/18/2019 10:39:23 AM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

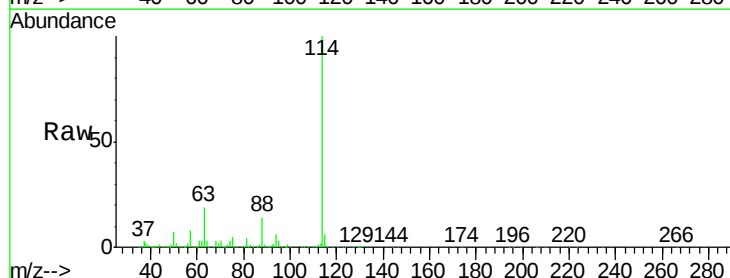
Tgt Ion: 114 Resp: 516413

Ion Ratio Lower Upper

114 100

63 18.5 14.2 21.4

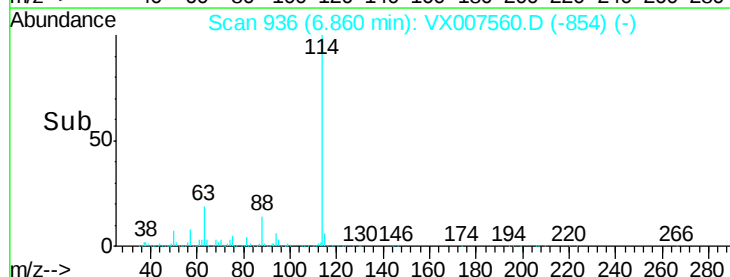
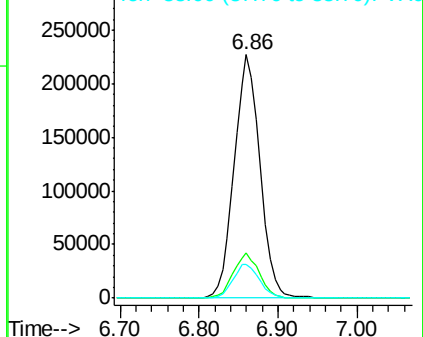
88 14.3 11.9 17.9

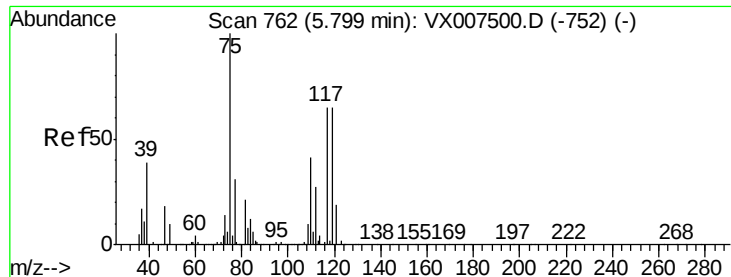


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





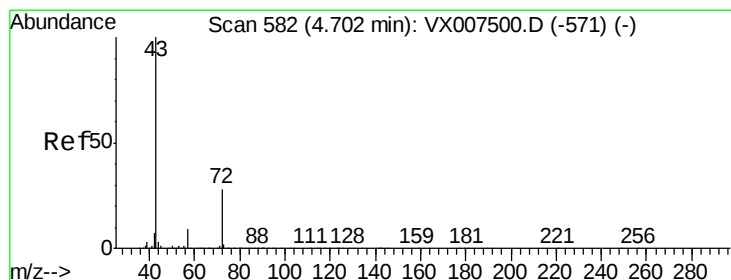
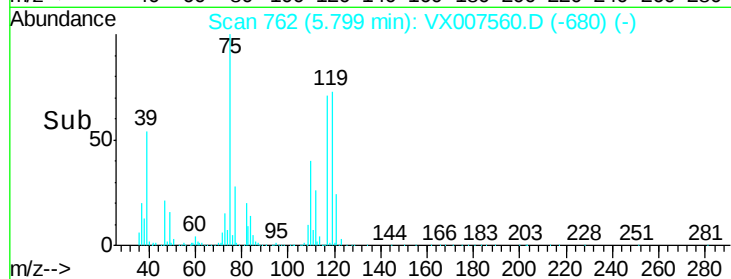
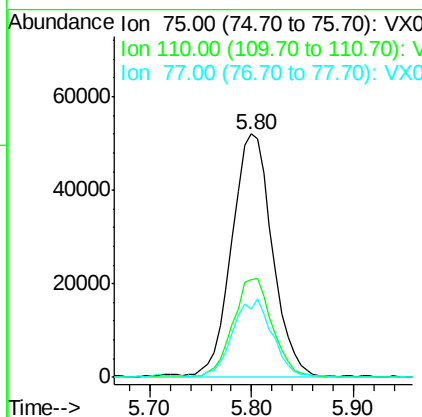
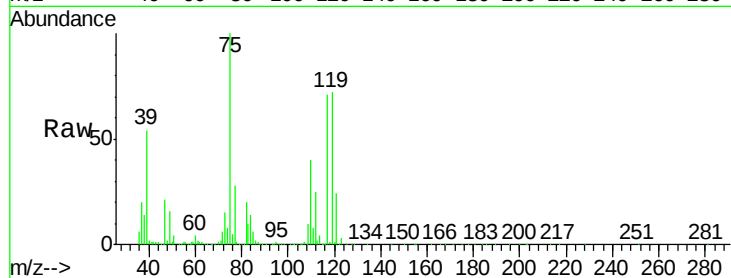
#29  
 1,1-Dichloropropene  
 Concen: 19.977 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 39.4  | 0.0   | 80.8  |
| 77      | 31.5  | 0.0   | 62.4  |

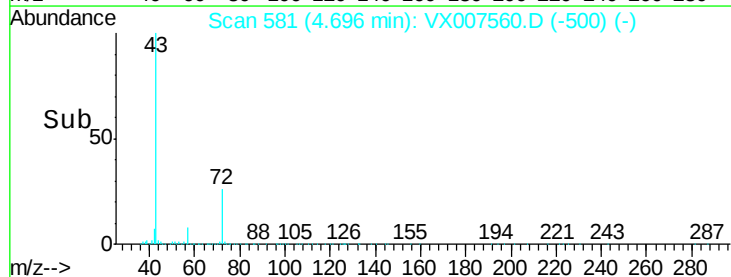
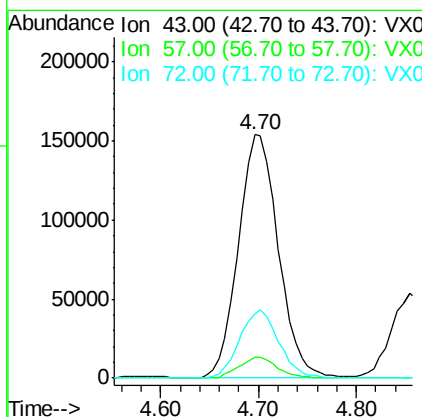
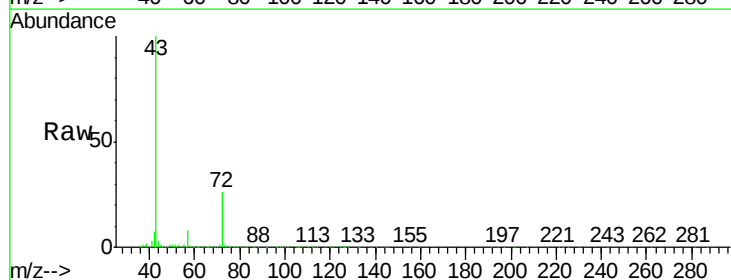
Manual Integrations  
 APPROVED

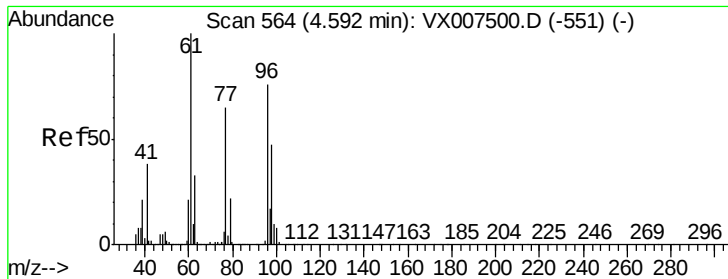
MMDadoda  
 2/18/2019 10:39:23 AM



#30  
 2-Butanone  
 Concen: 102.392 ug/l  
 RT: 4.70 min Scan# 581  
 Delta R.T. -0.01 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 57      | 8.4   | 7.0   | 10.6  |
| 72      | 27.2  | 21.5  | 32.3  |





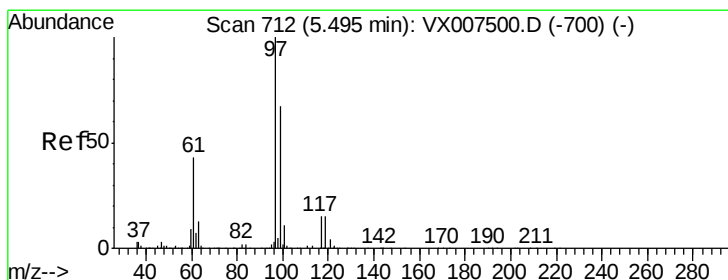
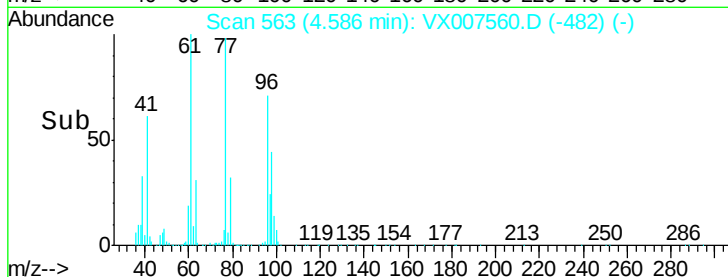
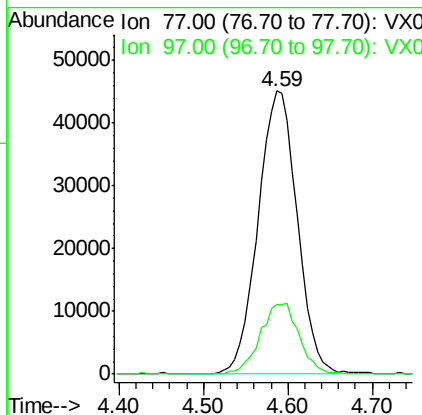
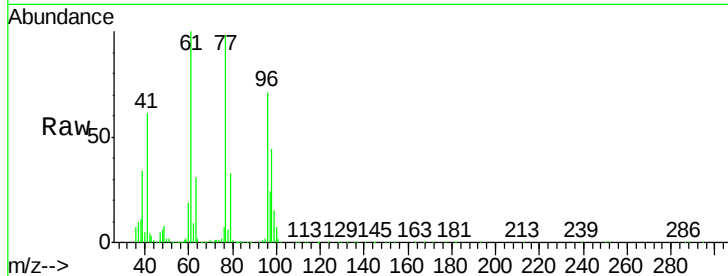
#31  
 2,2-Dichloropropane  
 Concen: 24.535 ug/l  
 RT: 4.59 min Scan# 563  
 Delta R.T. -0.01 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 97      | 24.7  | 20.6  | 31.0  |

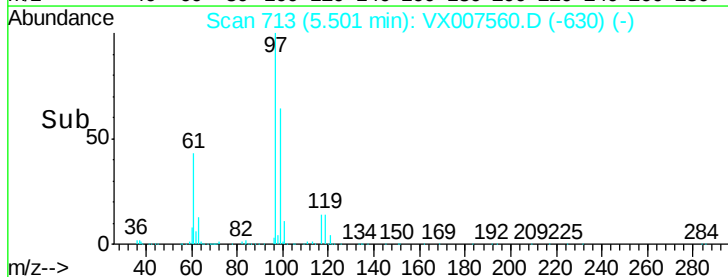
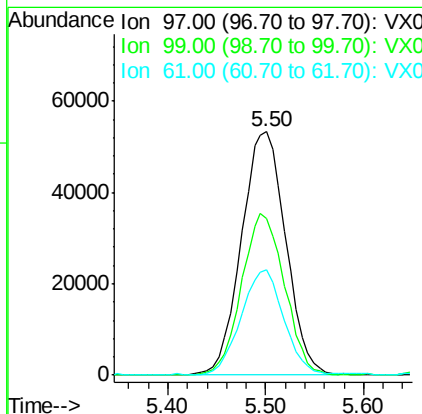
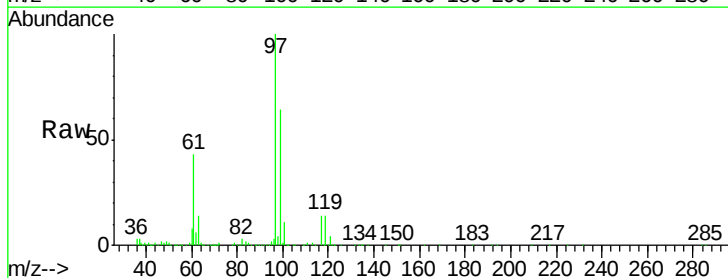
Manual Integrations  
 APPROVED

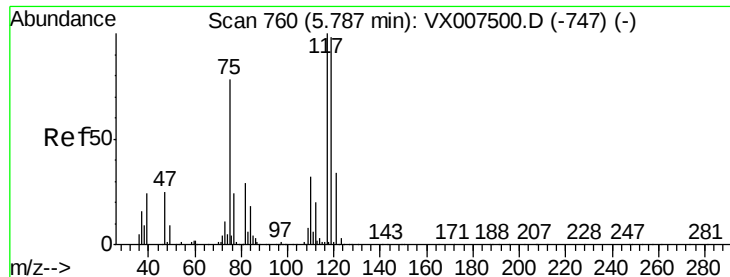
MMDadoda  
 2/18/2019 10:39:23 AM



#32  
 1,1,1-Trichloroethane  
 Concen: 19.459 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.01 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.7  | 51.7  | 77.5  |
| 61      | 41.6  | 32.8  | 49.2  |





#33

Carbon Tetrachloride

Concen: 19.547 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

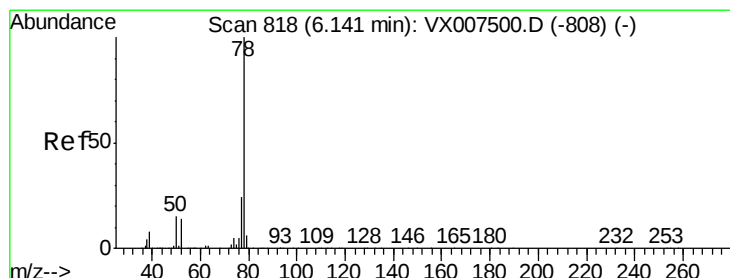
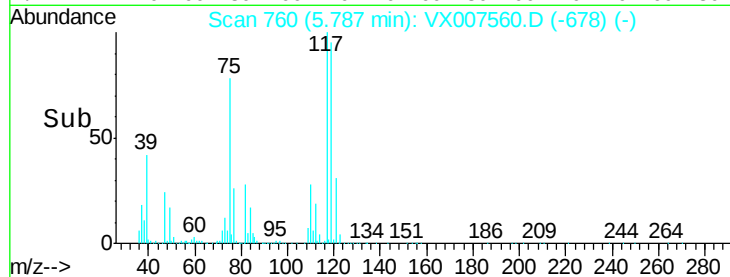
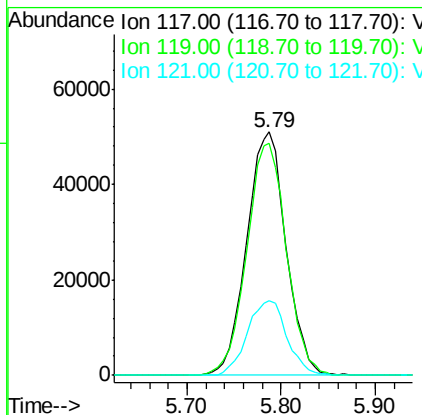
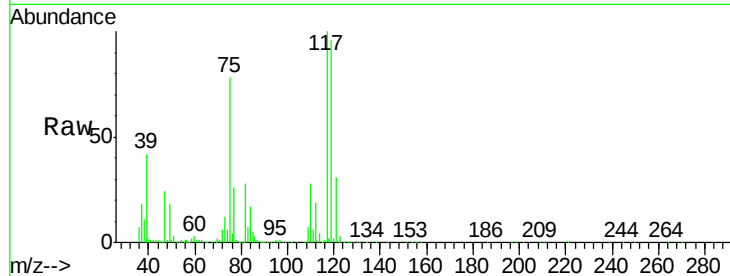
ClientSampleId :

VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.4  | 78.1  | 117.1 |
| 121     | 30.8  | 27.0  | 40.6  |

Manual Integrations  
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MMDadoda  
2/18/2019 10:39:23 AM



#34

Benzene

Concen: 19.084 ug/l

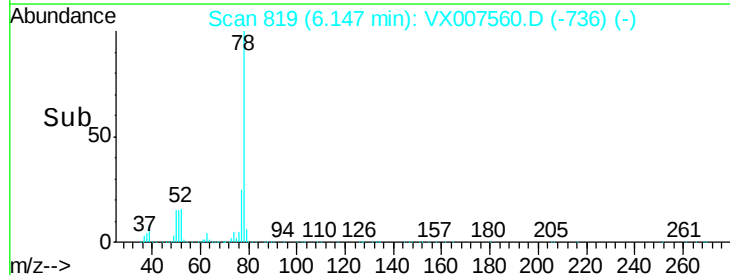
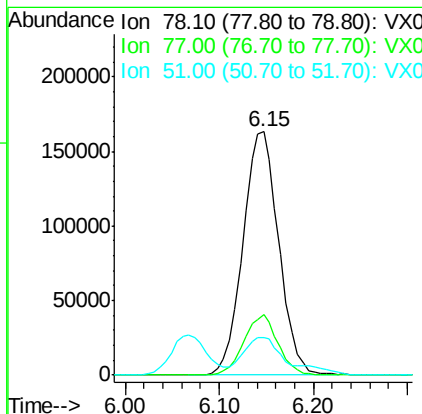
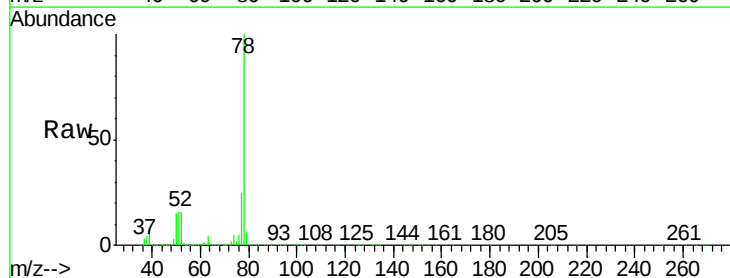
RT: 6.15 min Scan# 819

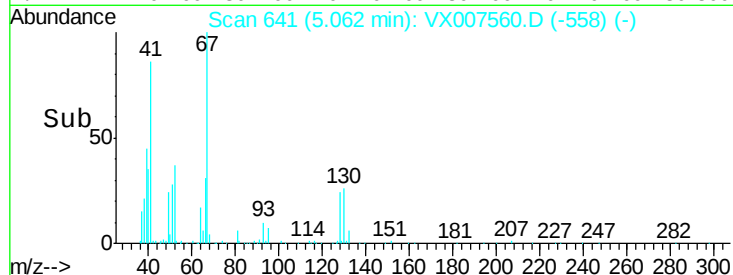
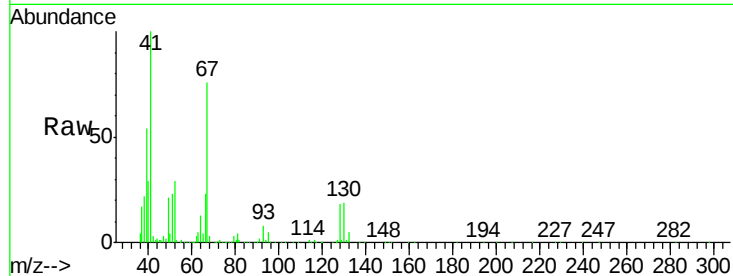
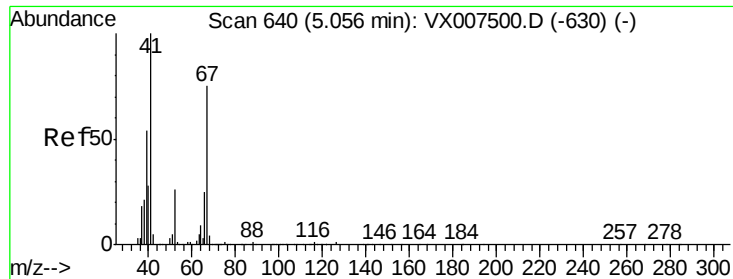
Delta R.T. 0.01 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.8  | 19.1  | 28.7  |
| 51      | 14.4  | 10.8  | 16.2  |





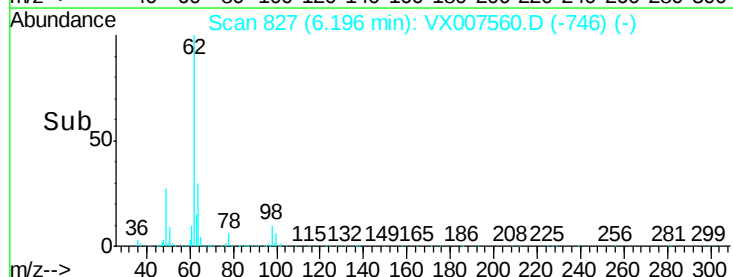
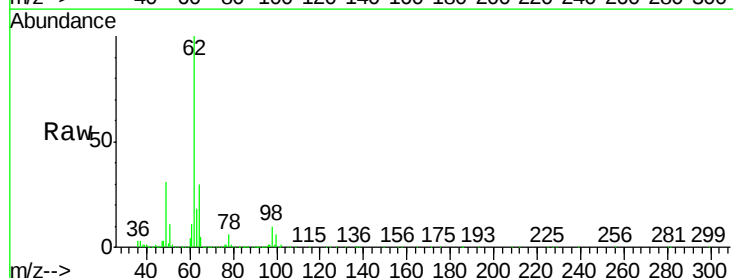
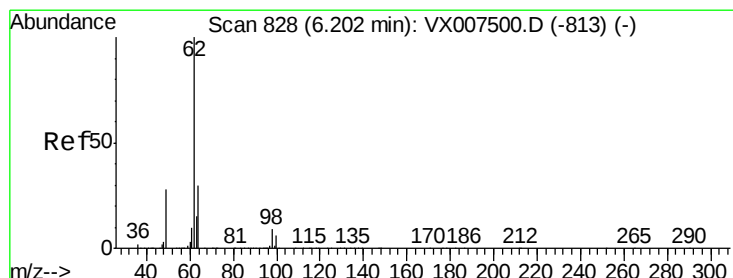
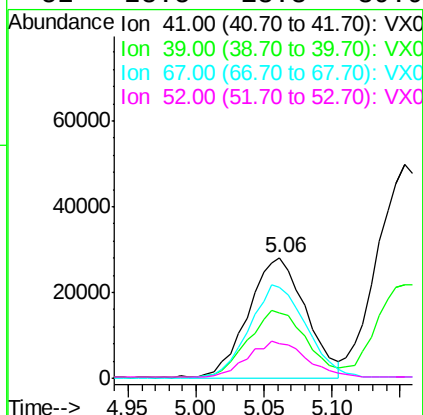
#35  
Methacrylonitrile  
Concen: 18.504 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.01 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 53.6  | 27.4  | 82.0  |
| 67      | 76.2  | 37.9  | 113.6 |
| 52      | 28.5  | 13.3  | 39.9  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

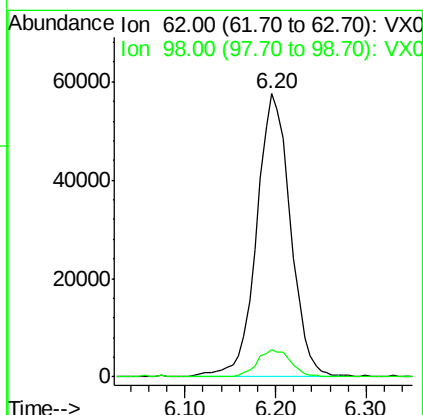
Manual Integrations  
APPROVED

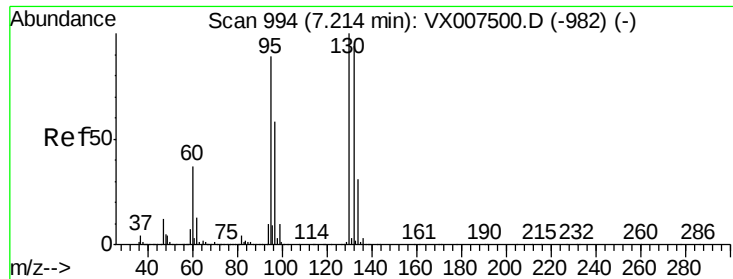
MMDadoda  
2/18/2019 10:39:23 AM



#36  
1,2-Dichloroethane  
Concen: 19.089 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.8   | 7.8   | 11.8  |





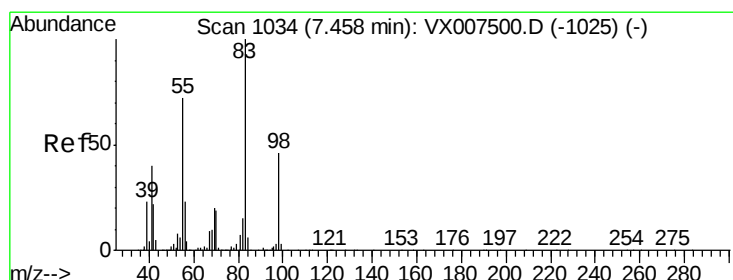
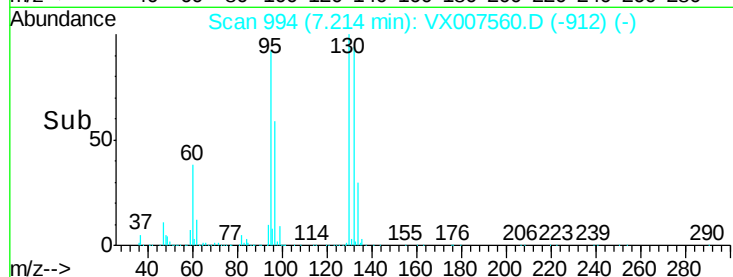
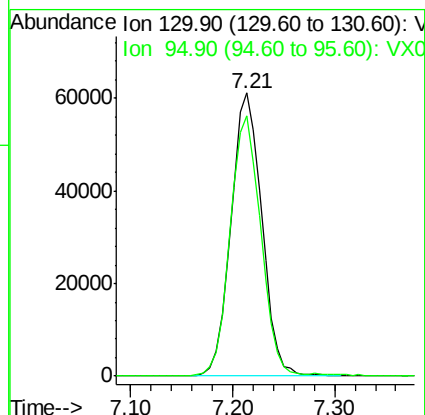
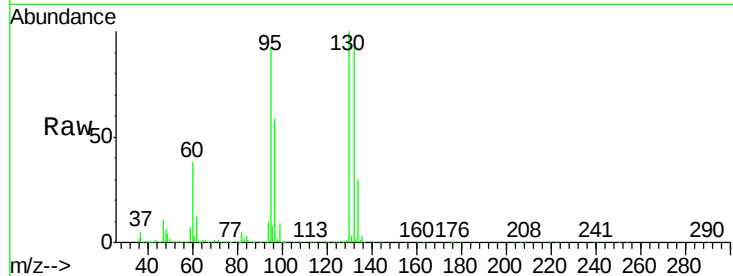
#37  
 Trichloroethene  
 Concen: 19.519 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 130     | 100   | 127435 |       |       |
| 95      | 92.1  | 71.3   | 106.9 |       |

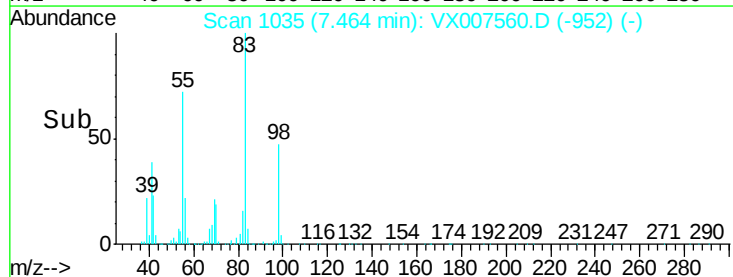
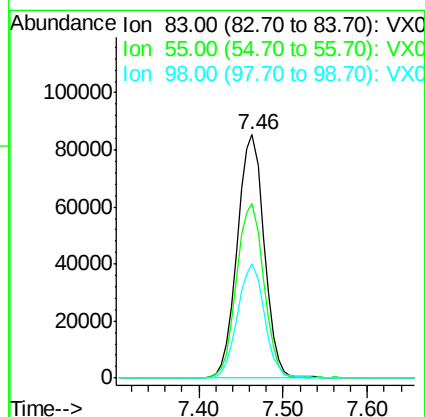
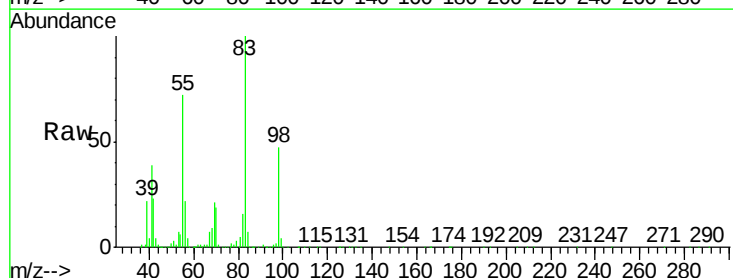
Manual Integrations  
 APPROVED

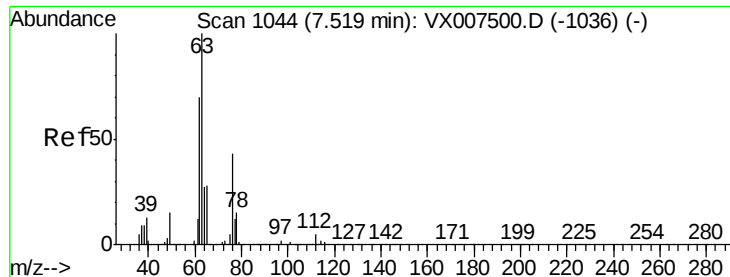
MMDadoda  
 2/18/2019 10:39:23 AM



#38  
 Methylcyclohexane  
 Concen: 22.047 ug/l  
 RT: 7.46 min Scan# 1035  
 Delta R.T. 0.01 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 183842 |       |       |
| 55      | 71.9  | 36.0   | 108.0 |       |
| 98      | 46.7  | 23.8   | 71.4  |       |





#39

1,2-Dichloropropane

Concen: 19.361 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

Tot Ion: 63 Resp: 109356

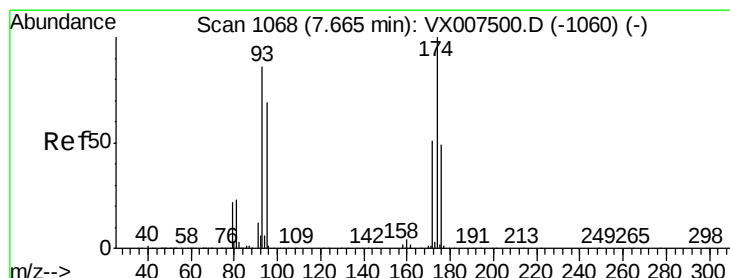
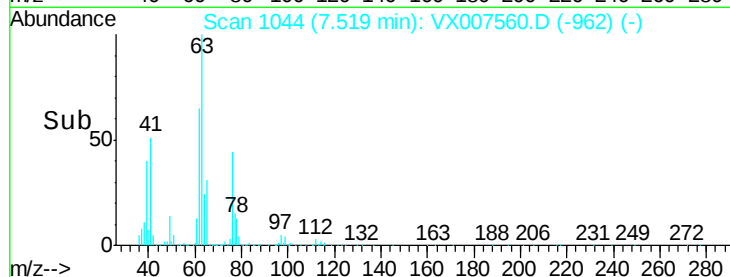
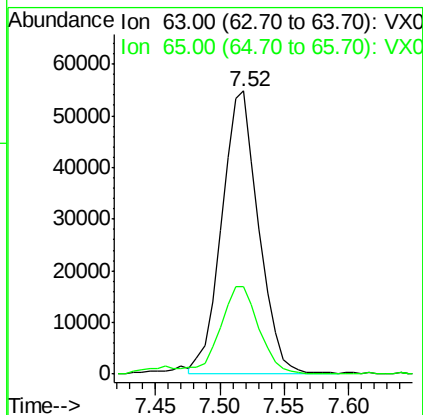
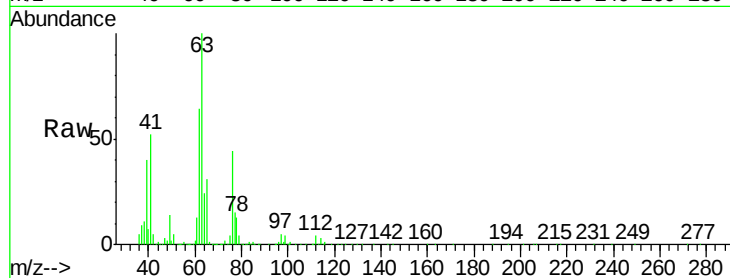
Ion Ratio Lower Upper

63 100

65 30.4 24.6 37.0

Manual Integrations  
APPROVED

MMDadoda  
2/18/2019 10:39:23 AM



#40

Dibromomethane

Concen: 18.787 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

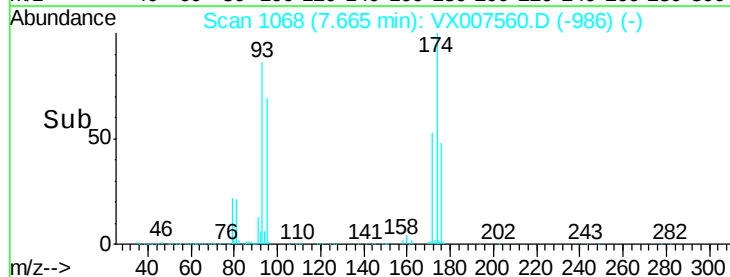
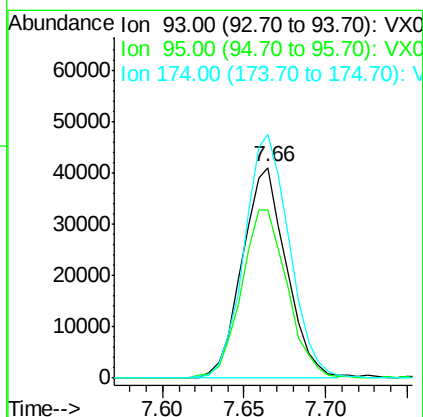
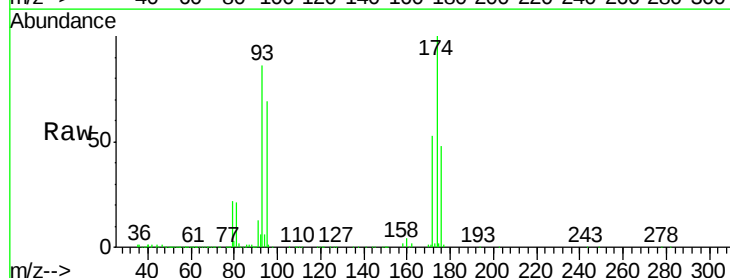
Tgt Ion: 93 Resp: 76638

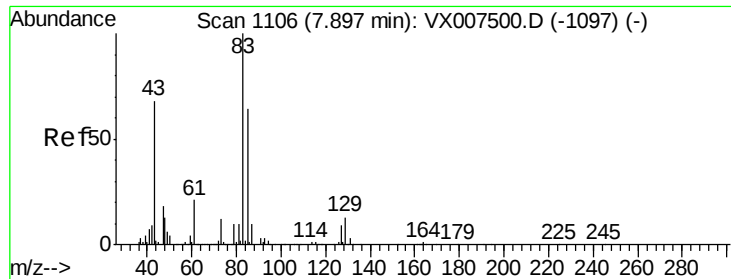
Ion Ratio Lower Upper

93 100

95 82.8 0.0 158.8

174 118.7 0.0 224.2





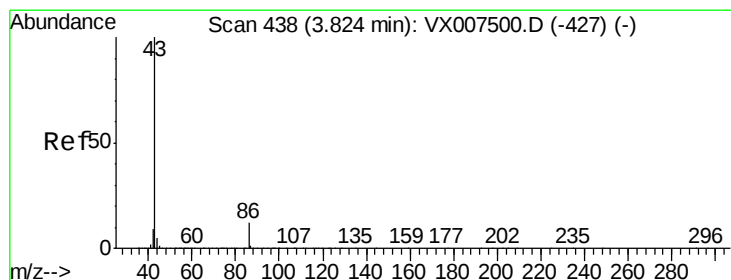
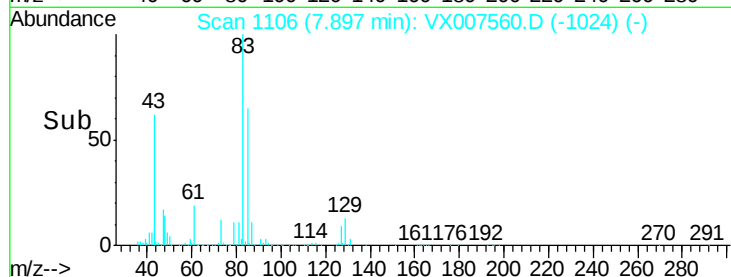
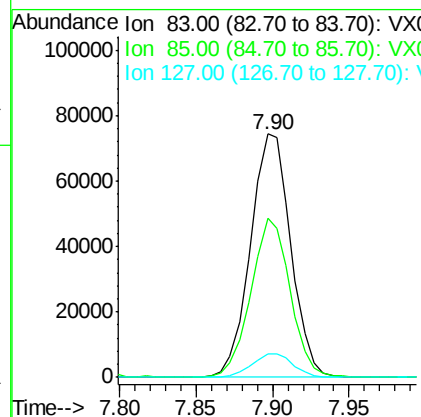
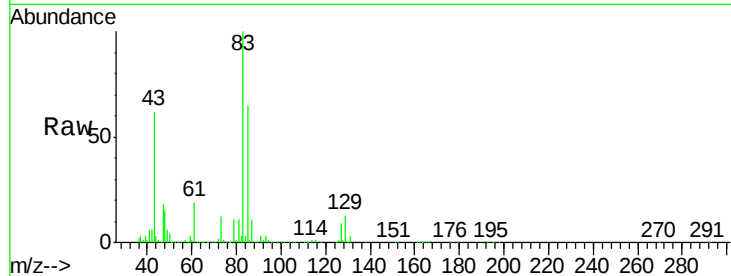
#41  
Bromodichloromethane  
Concen: 18.777 ug/l  
RT: 7.90 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

| Tot Ion   | 83    | Resp  | 135933 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.3  | 51.1  | 76.7   |
| 127       | 9.4   | 7.2   | 10.8   |

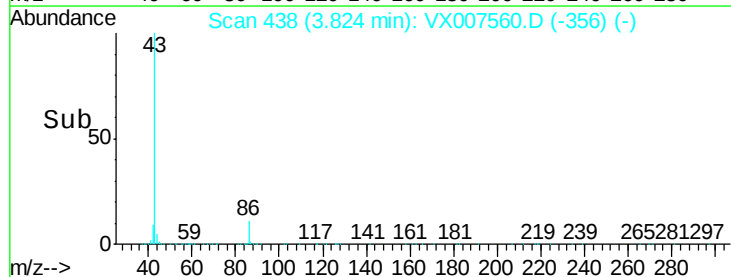
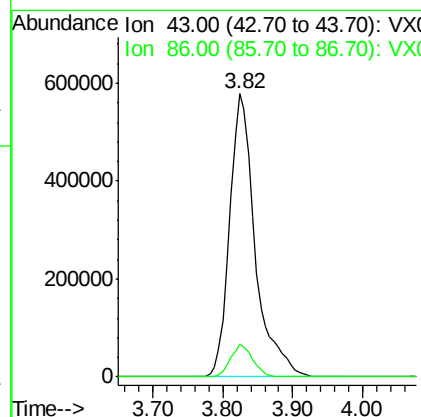
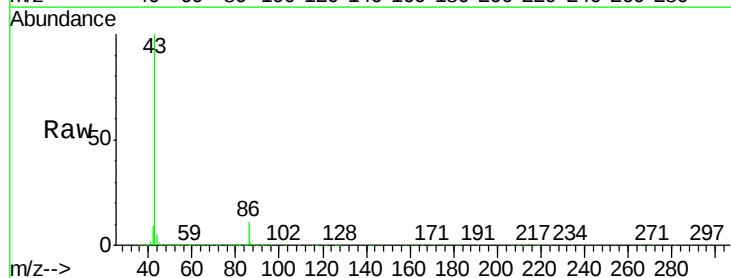
Manual Integrations  
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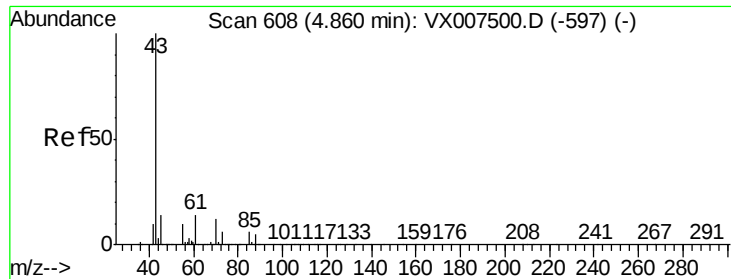
MMDadoda  
2/18/2019 10:39:23 AM



#42  
Vinyl Acetate  
Concen: 98.668 ug/l  
RT: 3.82 min Scan# 438  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

| Tgt Ion   | 43    | Resp  | 1472251 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 43        | 100   |       |         |
| 86        | 10.0  | 8.2   | 12.2    |





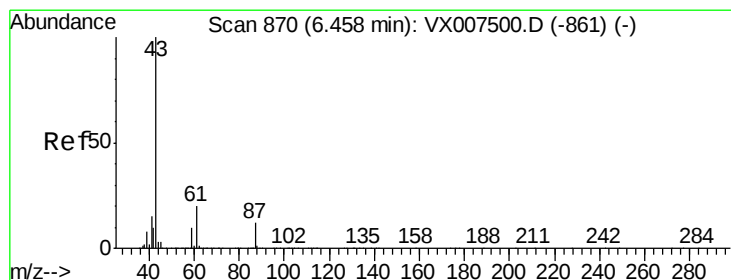
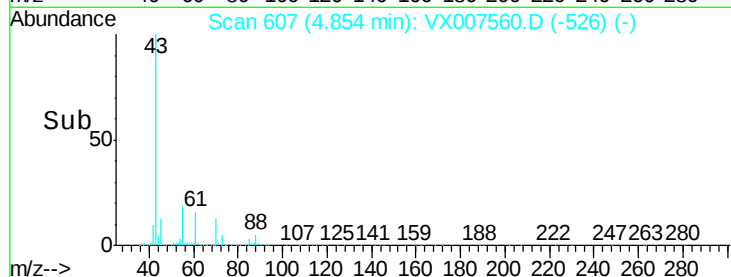
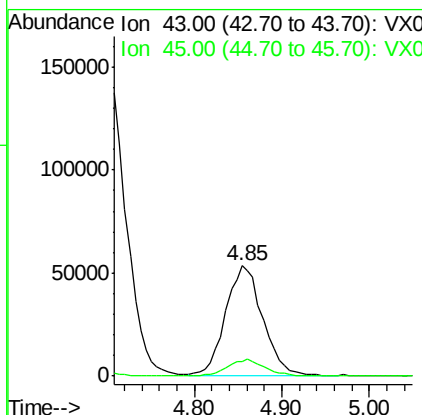
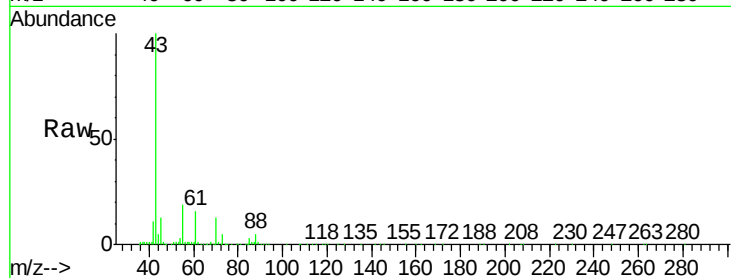
#43  
Ethyl Acetate  
Concen: 19.247 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.01 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 45      | 15.3  | 6.9   | 10.3# |

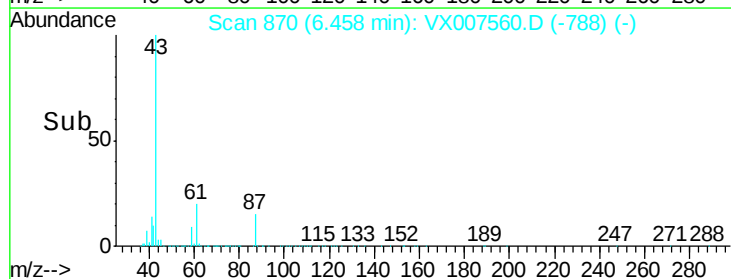
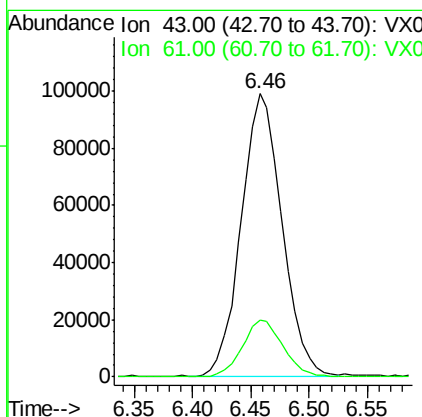
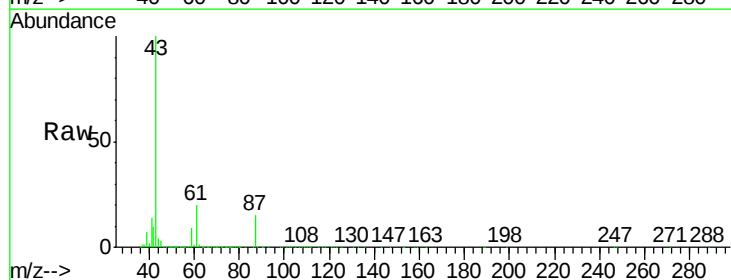
Manual Integrations  
APPROVED

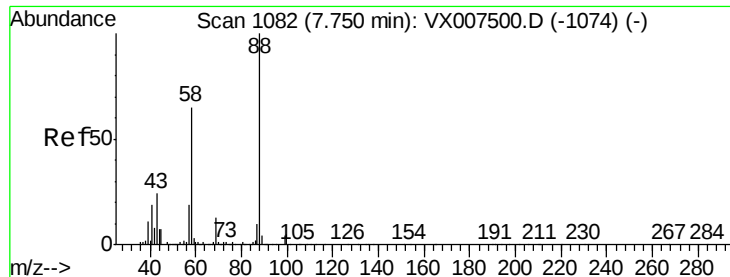
MMDadoda  
2/18/2019 10:39:23 AM



#44  
Isopropyl Acetate  
Concen: 19.249 ug/l  
RT: 6.46 min Scan# 870  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.8  | 16.1  | 24.1  |





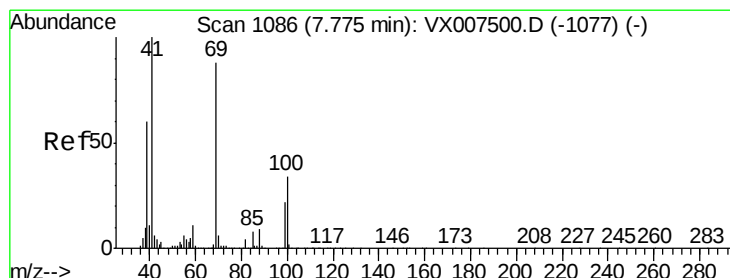
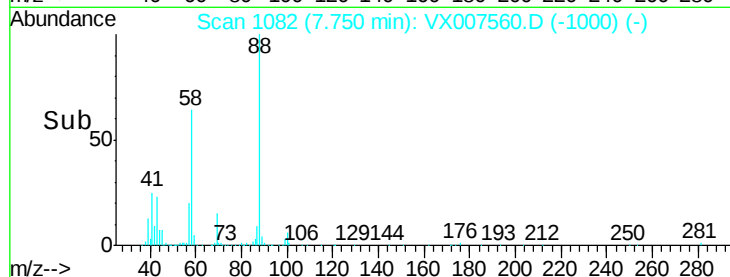
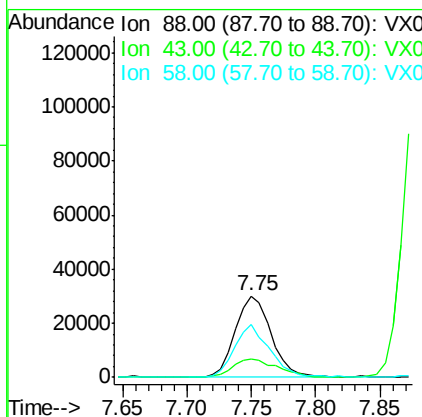
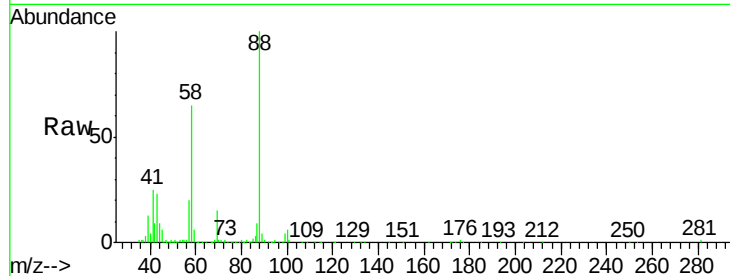
#45  
 1,4-Dioxane  
 Concen: 393.613 ug/l  
 RT: 7.75 min Scan# 1082  
 Delta R.T. 0.00 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 26.8  | 23.6  | 35.4  |
| 58      | 62.0  | 51.6  | 77.4  |

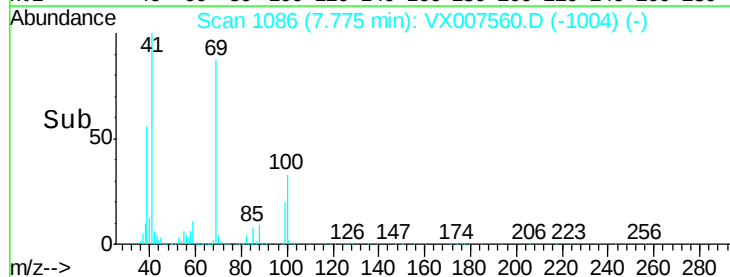
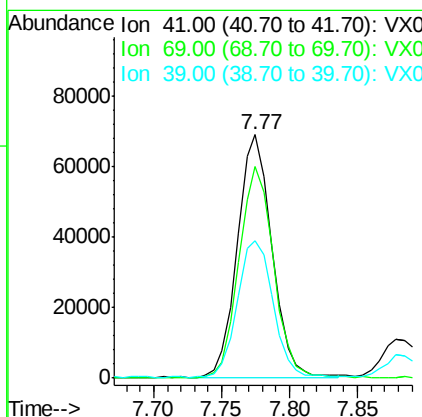
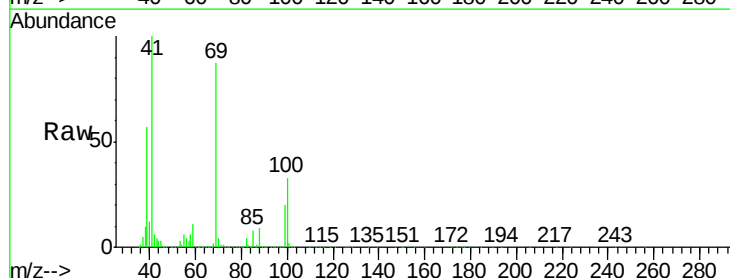
Manual Integrations  
 APPROVED

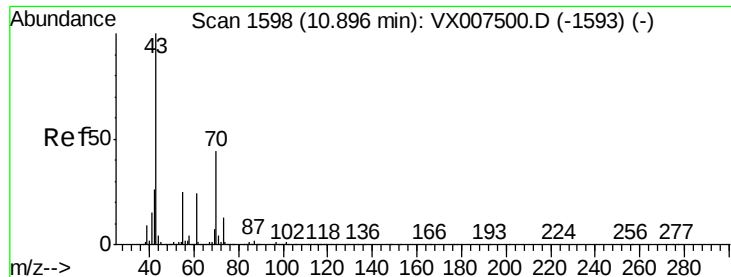
MMDadoda  
 2/18/2019 10:39:23 AM



#46  
 Methyl methacrylate  
 Concen: 19.095 ug/l  
 RT: 7.77 min Scan# 1086  
 Delta R.T. 0.00 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 86.8  | 44.2  | 132.6 |
| 39      | 56.0  | 29.9  | 89.8  |





#47

n-amvl Acetate

Concen: 19.236 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 213704

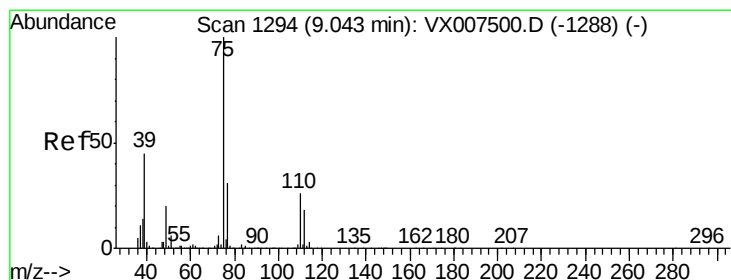
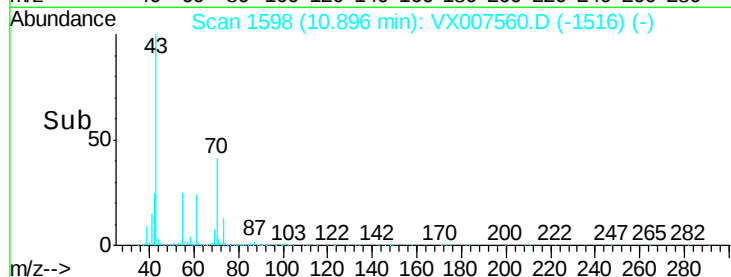
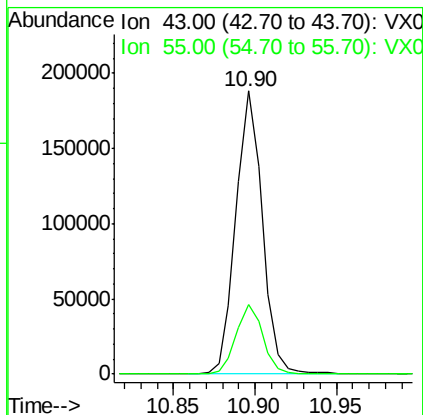
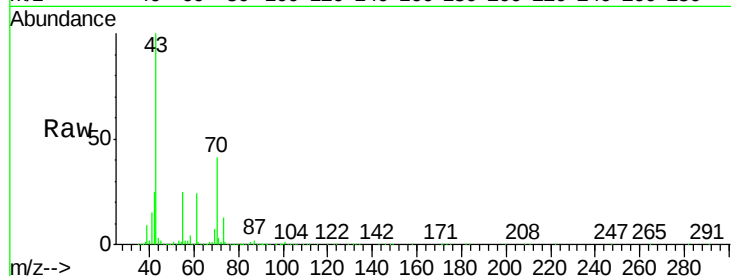
Ion Ratio Lower Upper

43 100

55 24.6 20.8 31.2

Manual Integrations  
APPROVED

MMDadoda  
2/18/2019 10:39:23 AM



#48

t-1,3-Dichloropropene

Concen: 19.546 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007560.D

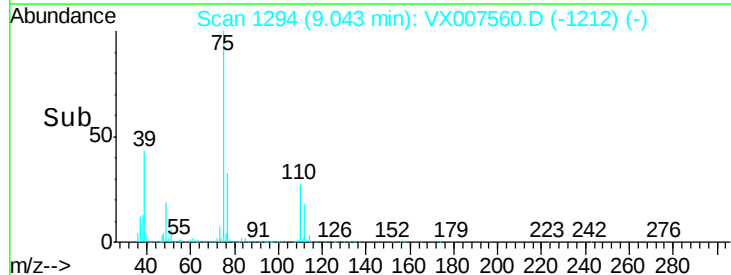
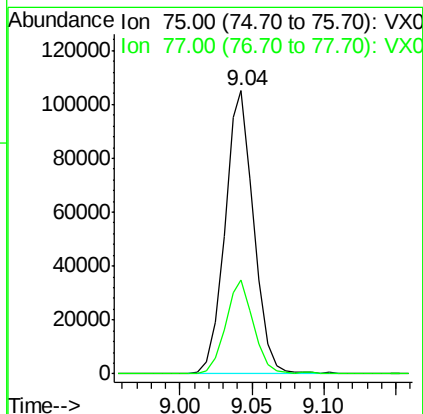
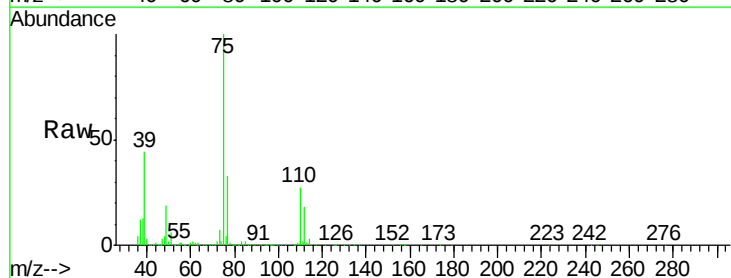
Acq: 15 Feb 2019 11:09

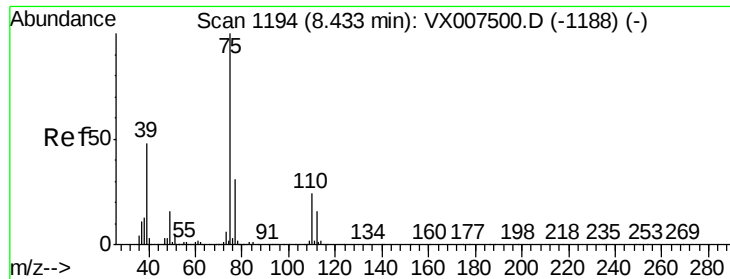
Tgt Ion: 75 Resp: 146079

Ion Ratio Lower Upper

75 100

77 32.9 24.5 36.7





#49

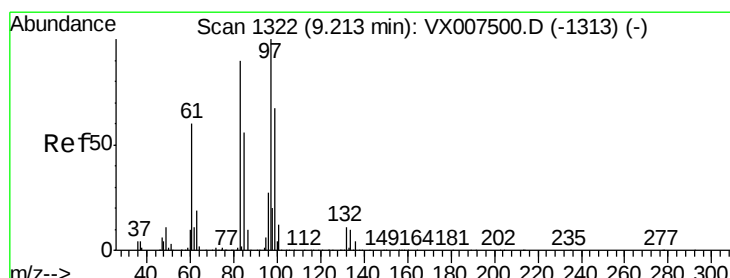
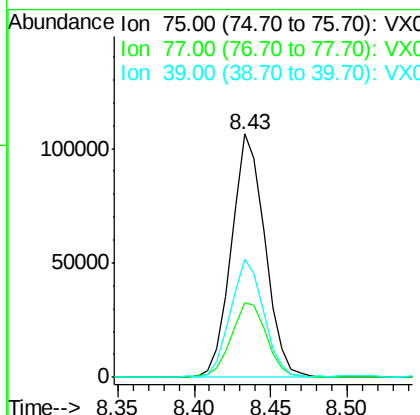
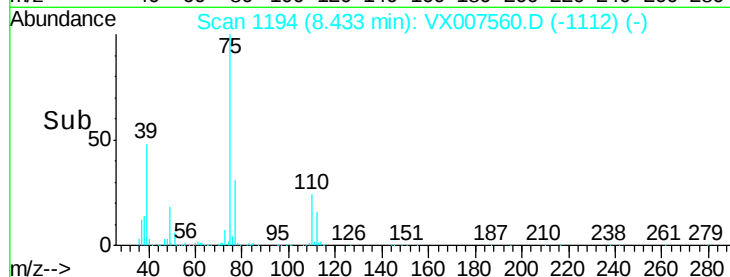
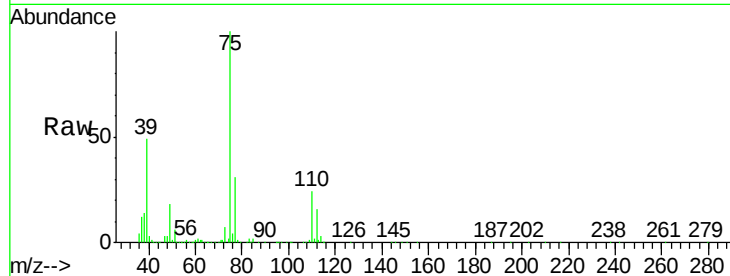
cis-1,3-Dichloropropene  
 Concen: 19.424 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. 0.00 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 161650 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 30.6  | 25.0  | 37.4   |
| 39        | 48.1  | 38.5  | 57.7   |

Manual Integrations  
 APPROVED

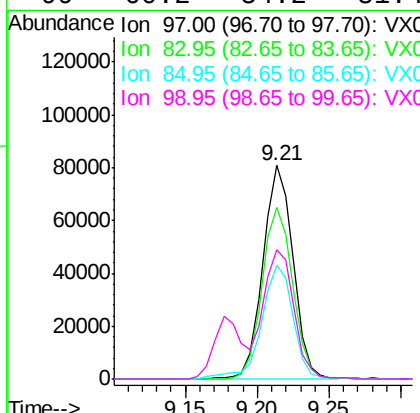
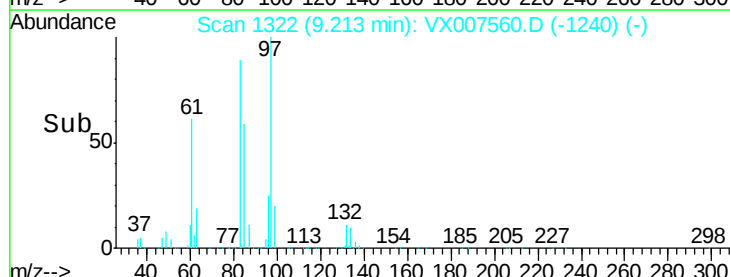
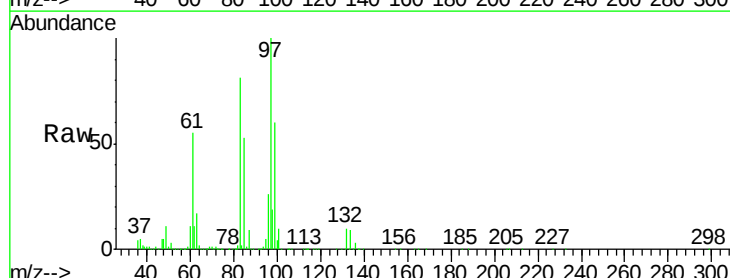
MMDadoda  
 2/18/2019 10:39:23 AM

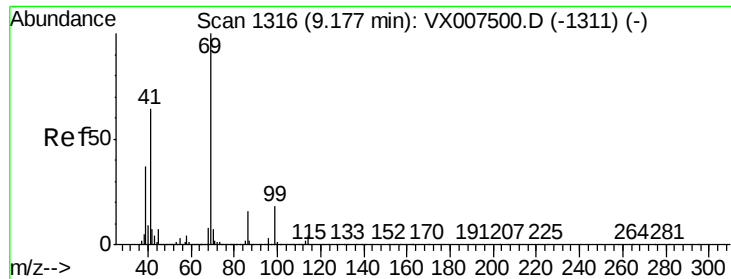


#50

1,1,2-Trichloroethane  
 Concen: 19.626 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 116738 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 80.5  | 72.0  | 108.0  |
| 85        | 53.2  | 45.0  | 67.6   |
| 99        | 60.2  | 54.2  | 81.4   |





#51

Ethyl methacrylate

Concen: 18.866 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

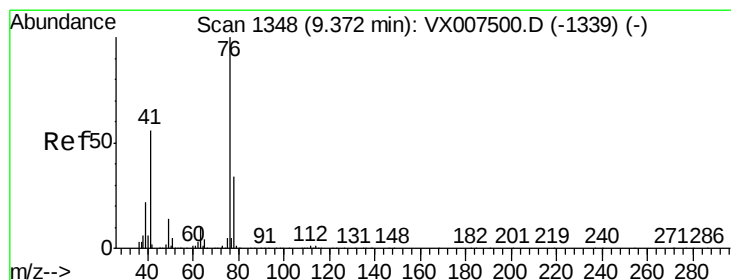
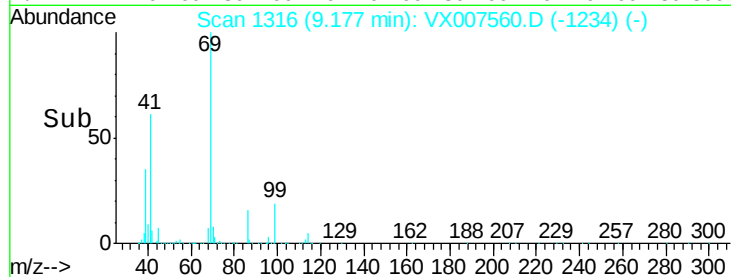
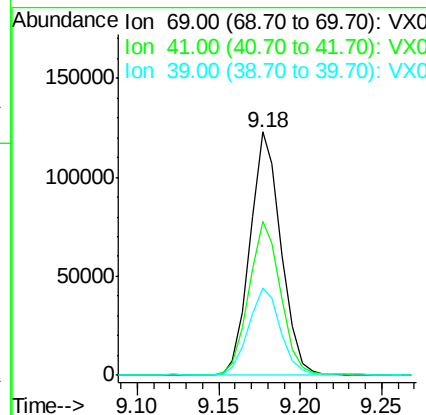
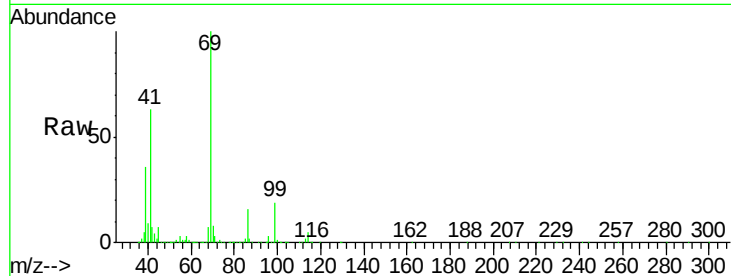
ClientSampleId :

VSTDCCC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 69    | Resp: | 162689 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 63.1  | 32.1  | 96.5   |
| 39        | 35.8  | 18.8  | 56.3   |

Manual Integrations  
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MMDadoda  
2/18/2019 10:39:23 AM



#52

1,3-Dichloropropane

Concen: 19.003 ug/l

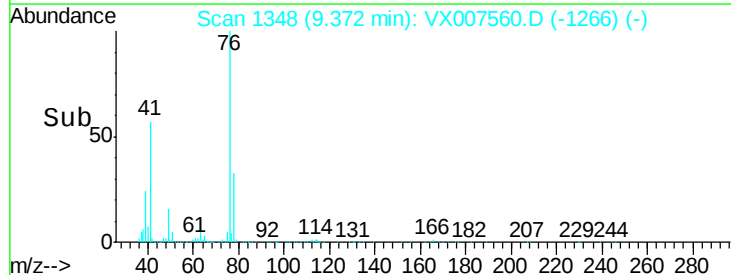
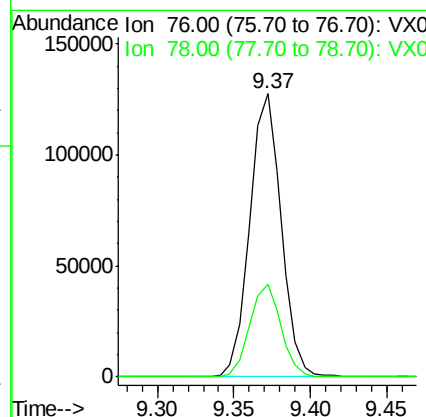
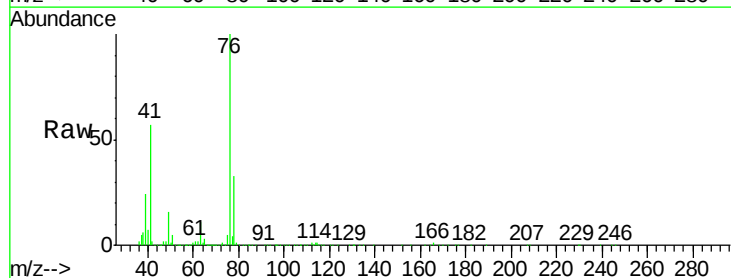
RT: 9.37 min Scan# 1348

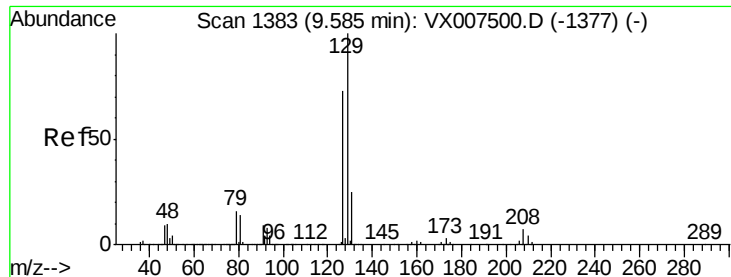
Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 76    | Resp: | 182326 |
| Ion Ratio | Lower | Upper |        |
| 76        | 100   |       |        |
| 78        | 32.7  | 0.0   | 65.2   |





#53

Dibromochloromethane

Concen: 18.887 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 116848

Ion Ratio Lower Upper

129 100

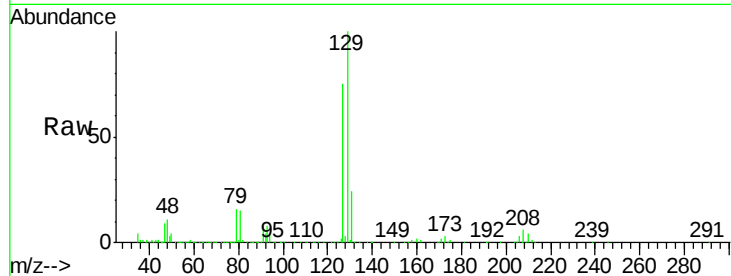
127 76.8 38.4 115.2

Manual Integrations

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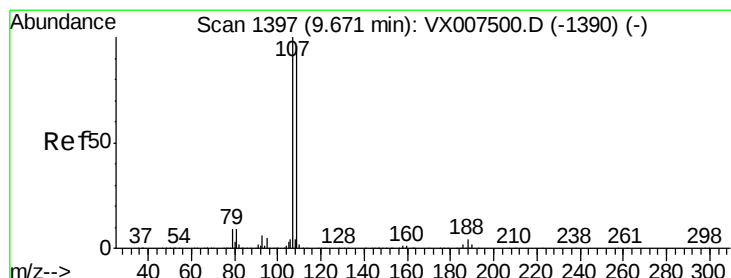
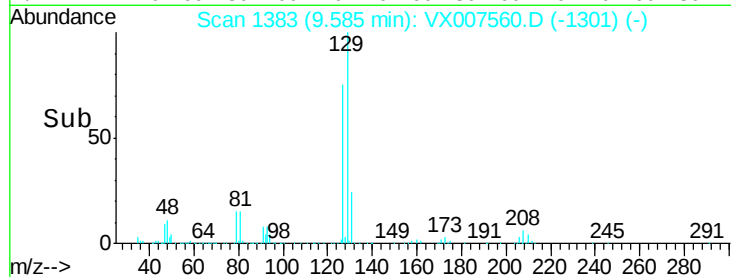
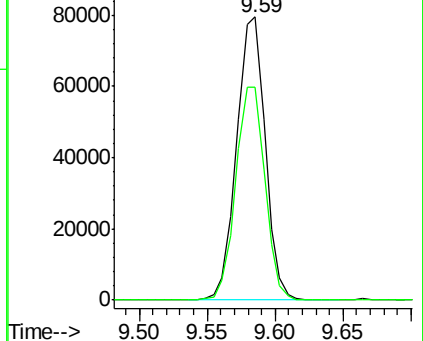
MMDadoda

2/18/2019 10:39:23 AM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.050 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007560.D

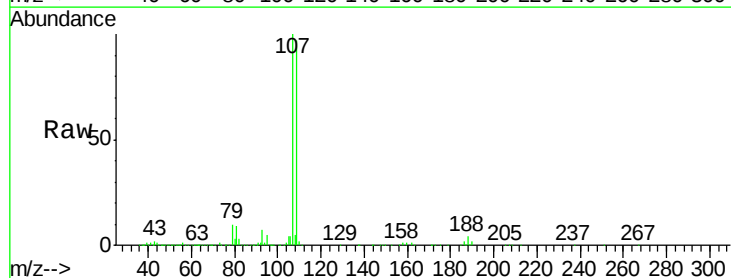
Acq: 15 Feb 2019 11:09

Tgt Ion:107 Resp: 124073

Ion Ratio Lower Upper

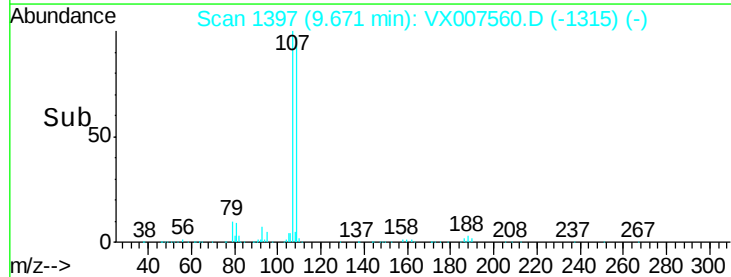
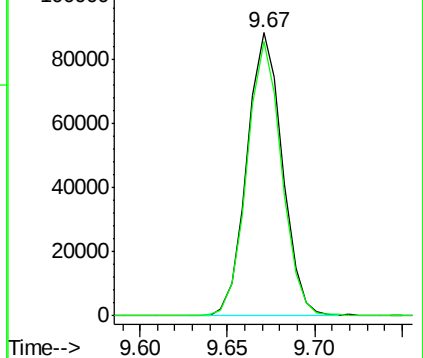
107 100

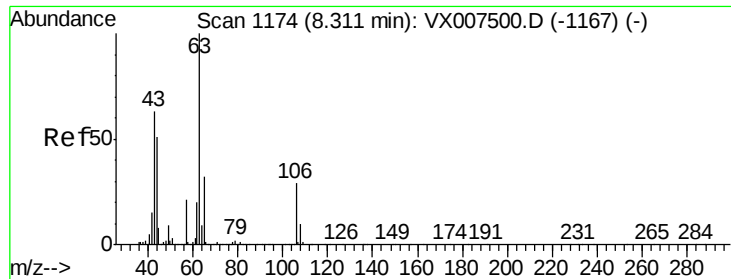
109 94.4 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 104.077 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

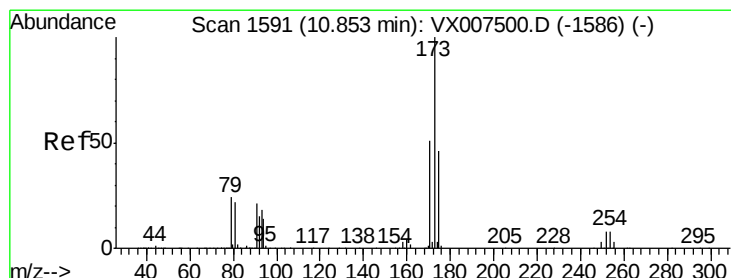
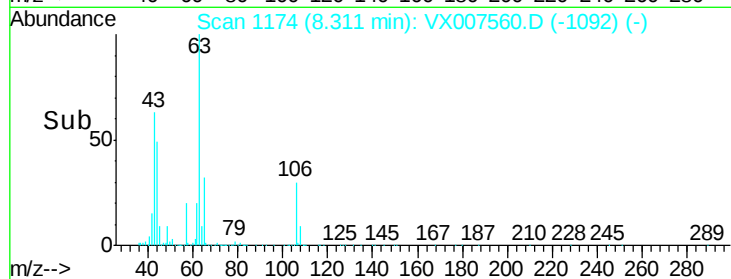
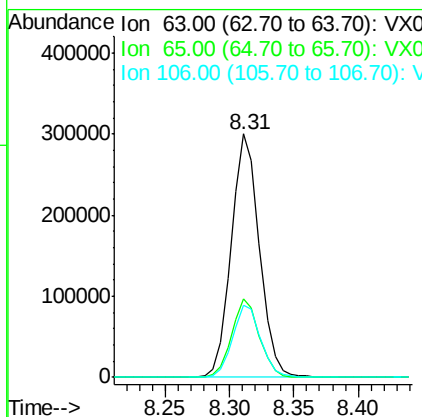
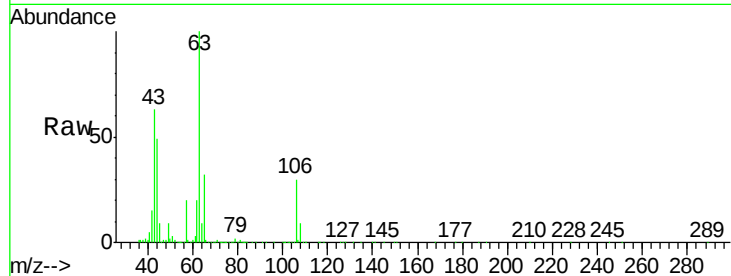
ClientSampleId :

VSTDCCC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 63    | Resp: | 456287 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 65        | 31.9  | 25.7  | 38.5   |
| 106       | 29.9  | 23.7  | 35.5   |

Manual Integrations  
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MMDadoda  
2/18/2019 10:39:23 AM



#56

Bromoform

Concen: 18.267 ug/l

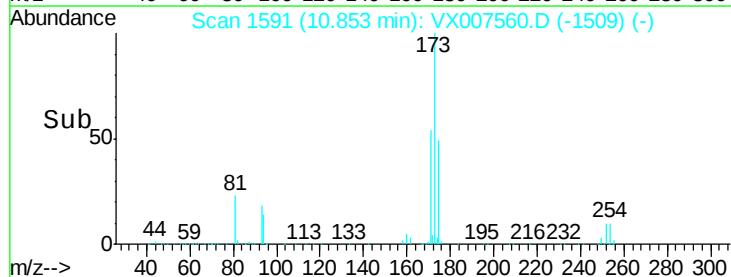
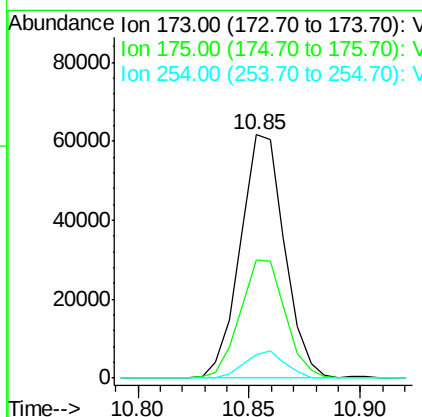
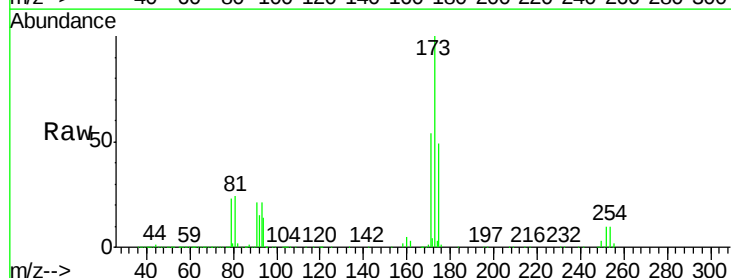
RT: 10.85 min Scan# 1591

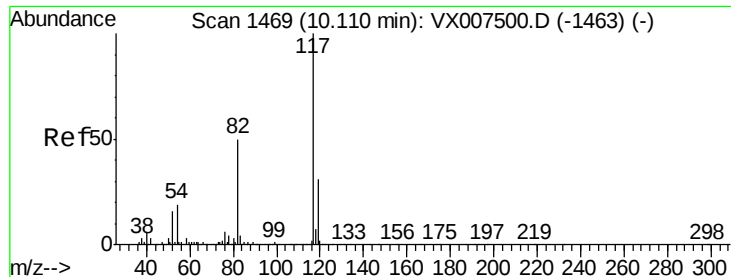
Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 85245 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.6  | 38.5  | 57.7  |
| 254       | 10.2  | 7.4   | 11.2  |





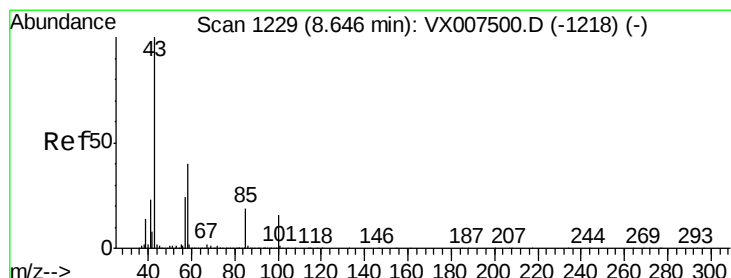
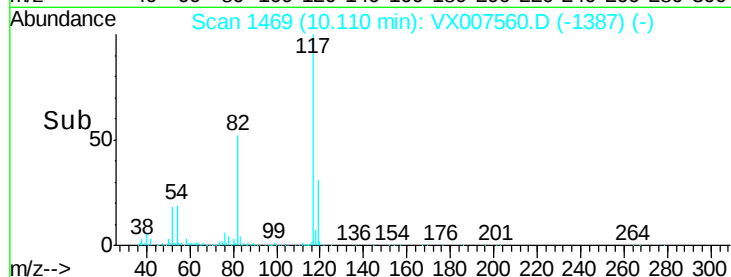
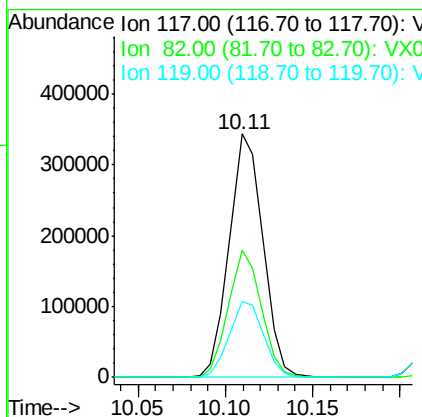
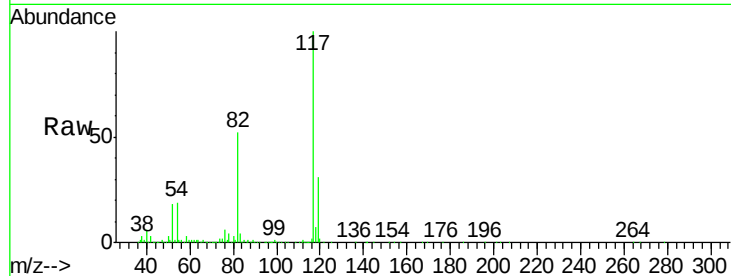
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.2  | 40.4  | 60.6  |
| 119     | 31.8  | 25.8  | 38.6  |

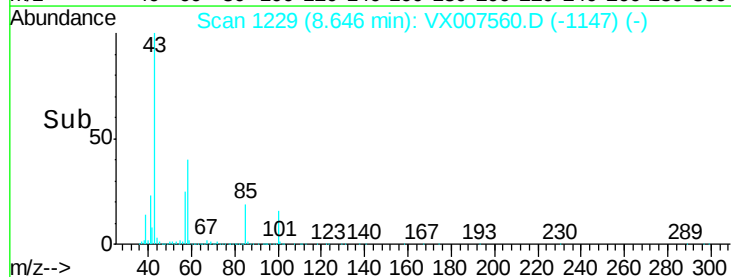
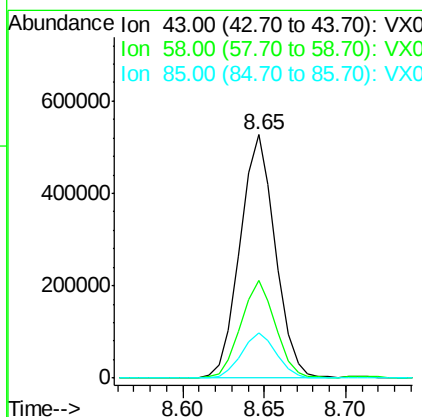
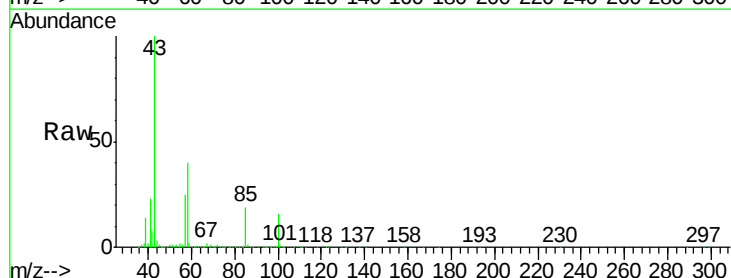
Manual Integrations  
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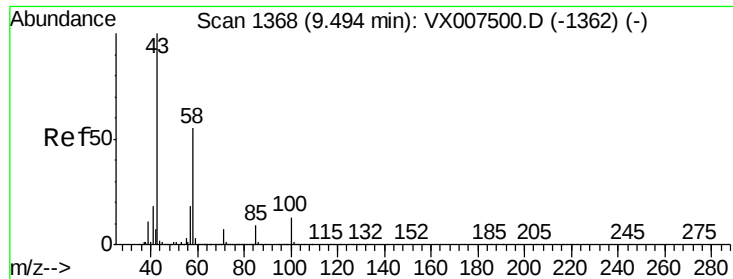
MMDadoda  
2/18/2019 10:39:23 AM



#58  
4-Methyl-2-Pentanone  
Concen: 95.357 ug/l  
RT: 8.65 min Scan# 1229  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.6  | 31.4  | 47.0  |
| 85      | 18.5  | 15.0  | 22.6  |





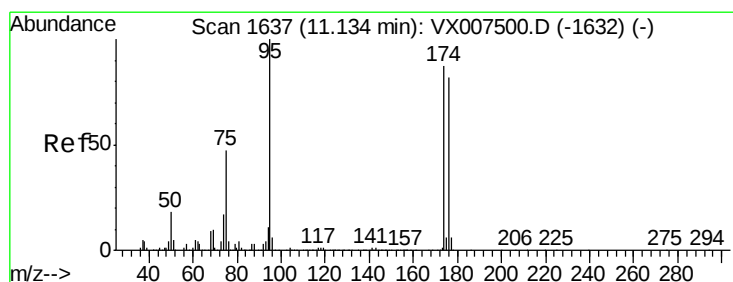
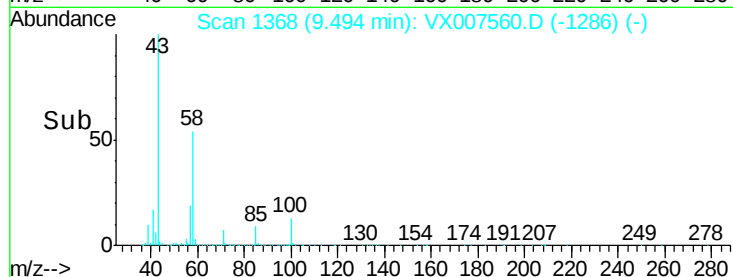
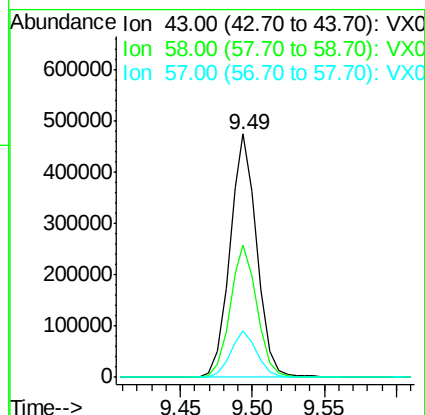
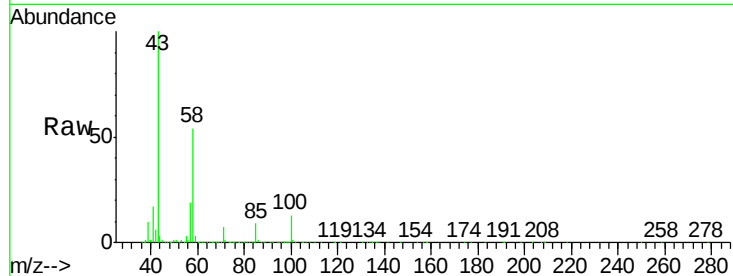
#59  
2-Hexanone  
Concen: 97.863 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 54.2  | 43.9  | 65.9  |
| 57      | 18.6  | 14.9  | 22.3  |

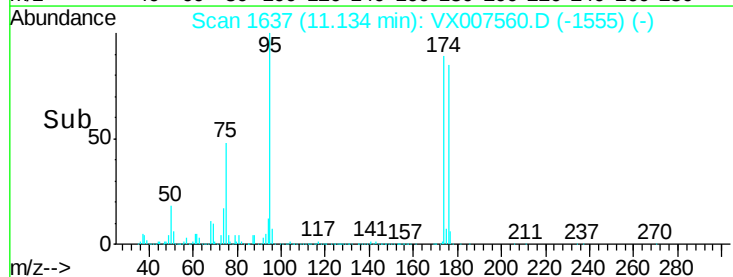
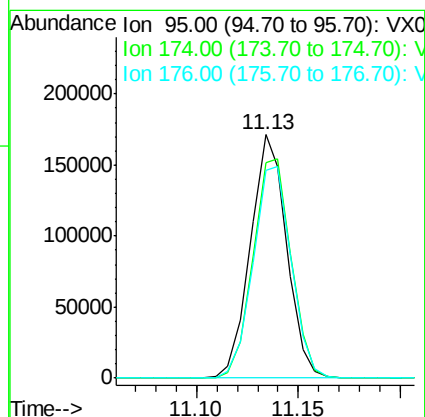
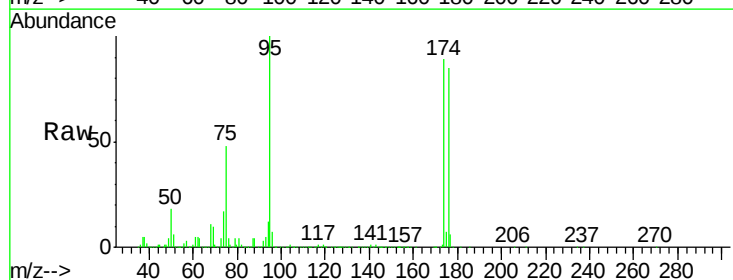
Manual Integrations  
APPROVED

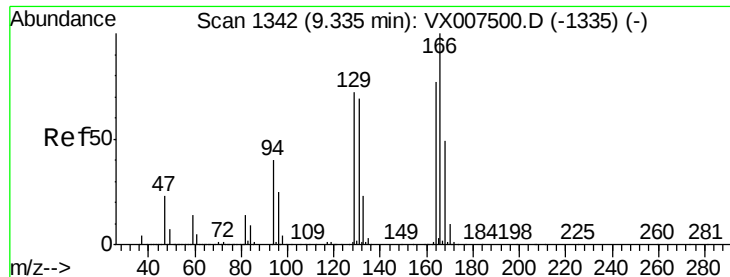
MMDadoda  
2/18/2019 10:39:23 AM



#60  
4-Bromofluorobenzene  
Concen: 29.759 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 95.0  | 74.9  | 112.3 |
| 176     | 92.0  | 70.7  | 106.1 |





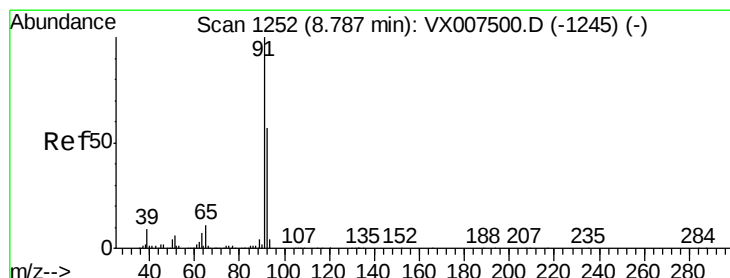
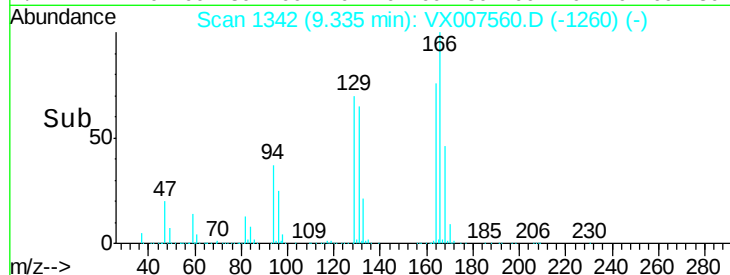
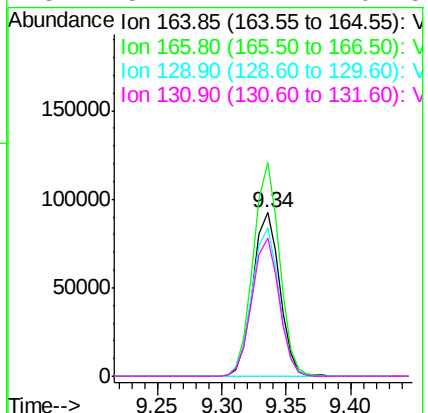
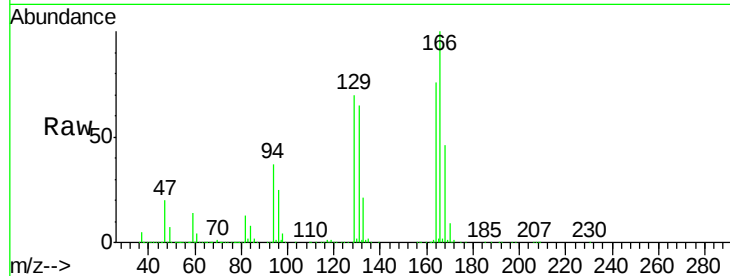
#61  
Tetrachloroethene  
Concen: 20.190 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.8 | 103.9 | 155.9 |
| 129     | 90.8  | 74.7  | 112.1 |
| 131     | 84.4  | 71.7  | 107.5 |

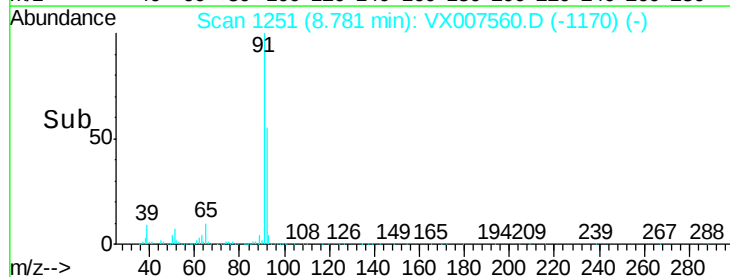
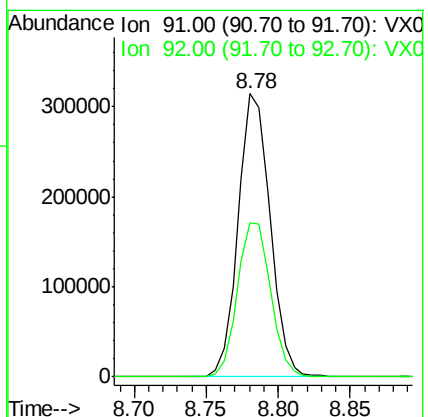
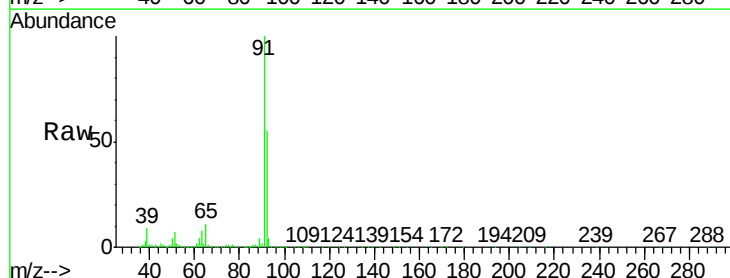
Manual Integrations  
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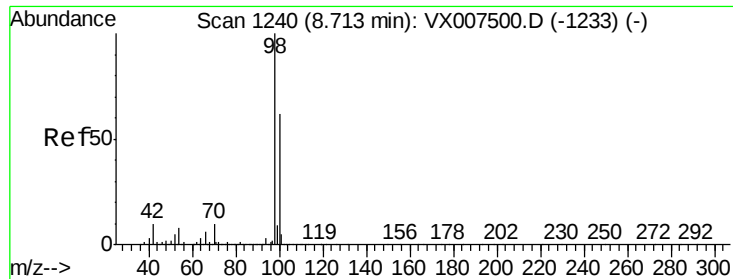
MMDadoda  
2/18/2019 10:39:23 AM



#62  
Toluene  
Concen: 19.260 ug/l  
RT: 8.78 min Scan# 1251  
Delta R.T. -0.01 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 56.7  | 46.4  | 69.6  |





#63

Toluene-d8

Concen: 29.524 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 617889

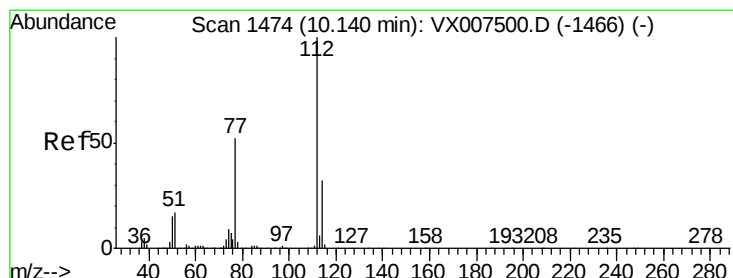
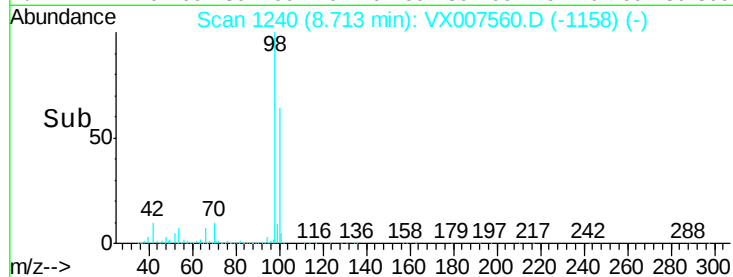
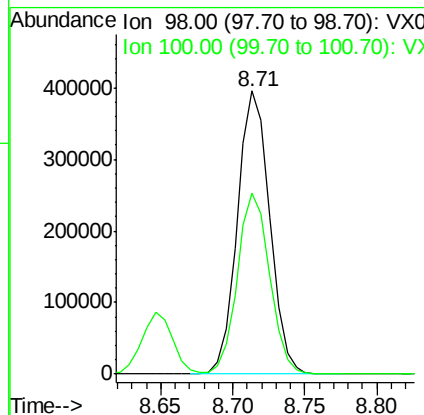
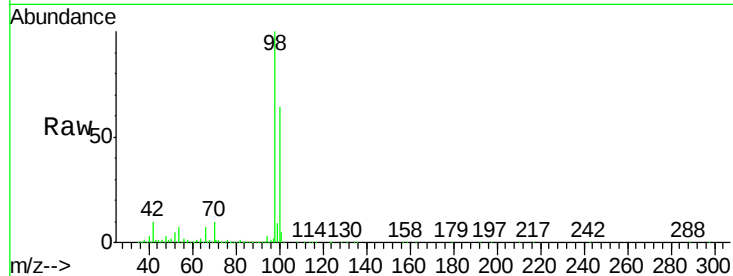
Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3

Manual Integrations  
APPROVED

MMDadoda  
2/18/2019 10:39:23 AM



#64

Chlorobenzene

Concen: 19.277 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007560.D

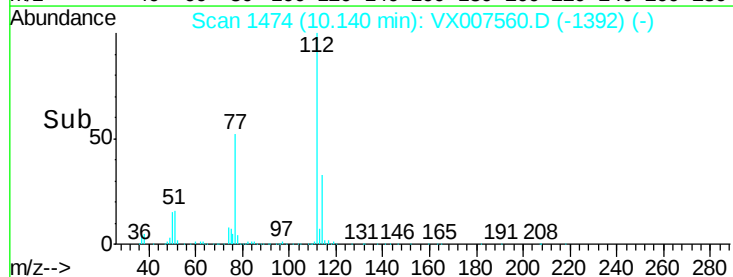
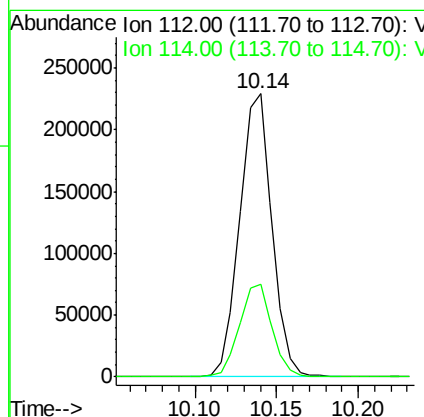
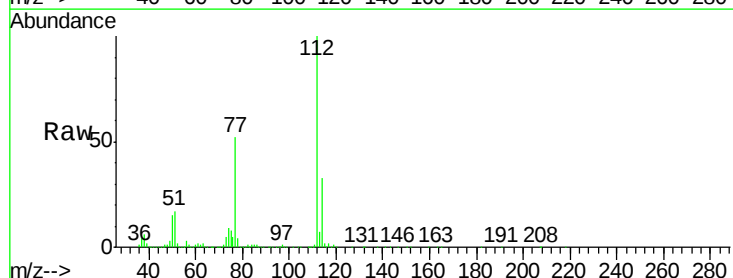
Acq: 15 Feb 2019 11:09

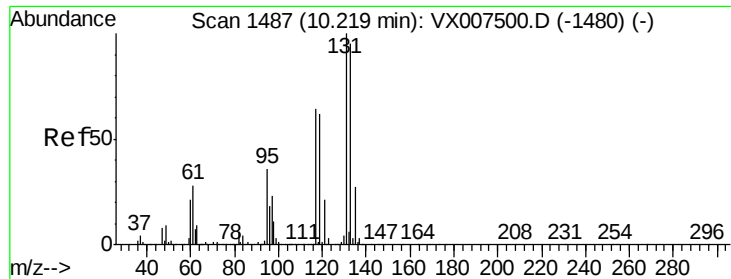
Tgt Ion: 112 Resp: 315907

Ion Ratio Lower Upper

112 100

114 32.8 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.258 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

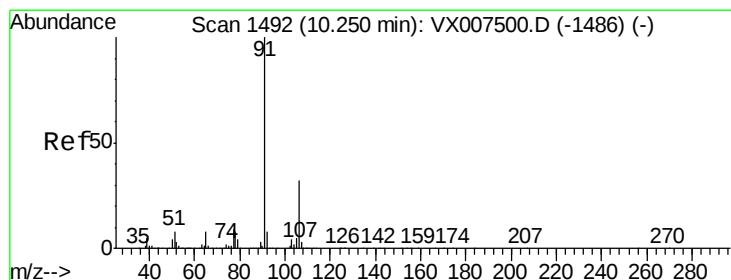
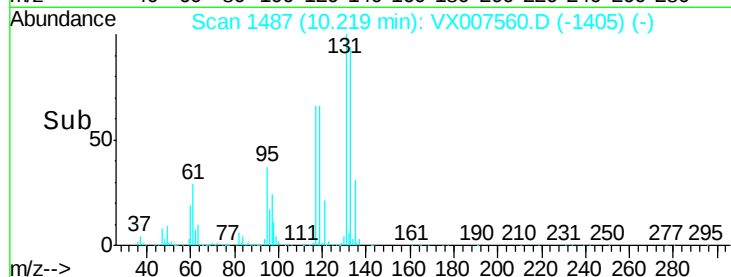
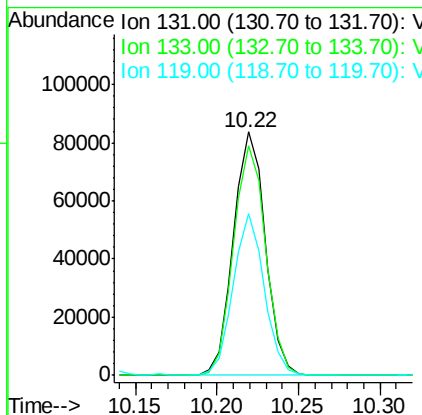
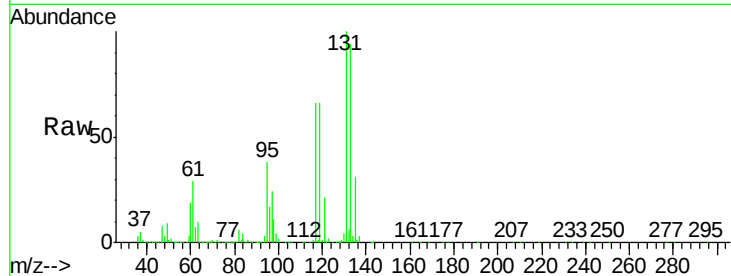
ClientSampled :

VSTDCCC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 131   | Resp: | 114312 |
| Ion Ratio | Lower | Upper |        |
| 131       | 100   |       |        |
| 133       | 94.9  | 0.0   | 191.6  |
| 119       | 64.5  | 0.0   | 127.4  |

Manual Integrations  
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2/18/2019 10:39:23 AM



#66

Ethyl Benzene

Concen: 19.602 ug/l

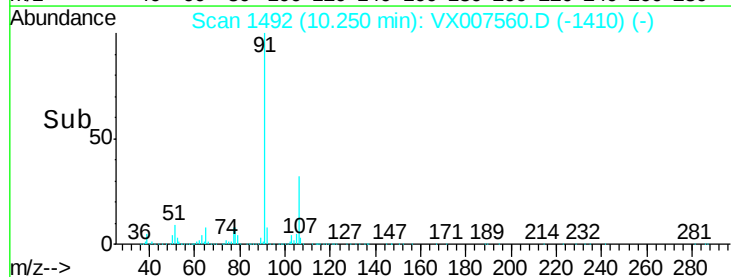
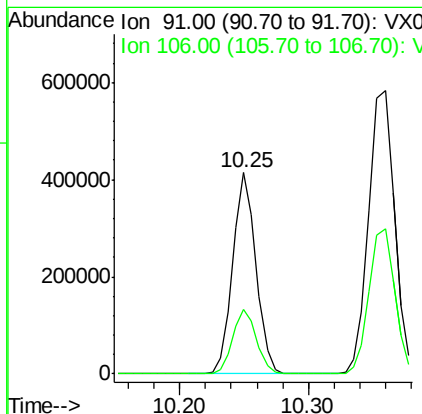
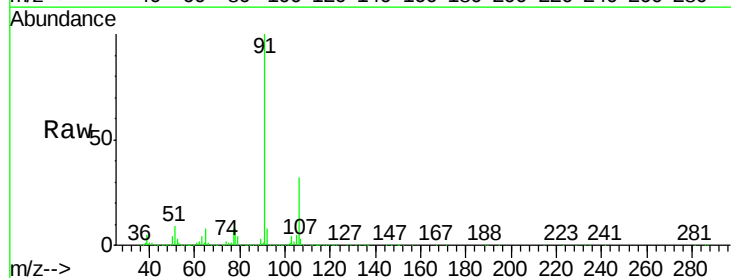
RT: 10.25 min Scan# 1492

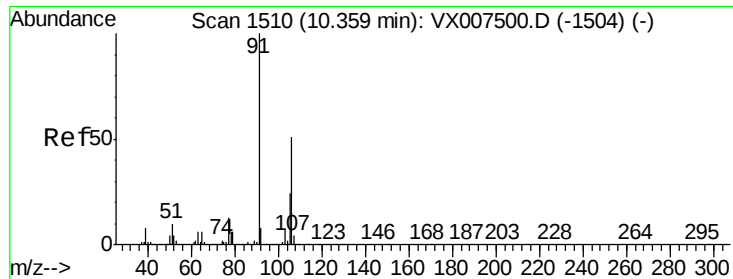
Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 524559 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 106       | 32.3  | 26.0  | 39.0   |





#67

m/p-Xylenes

Concen: 39.148 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 410894

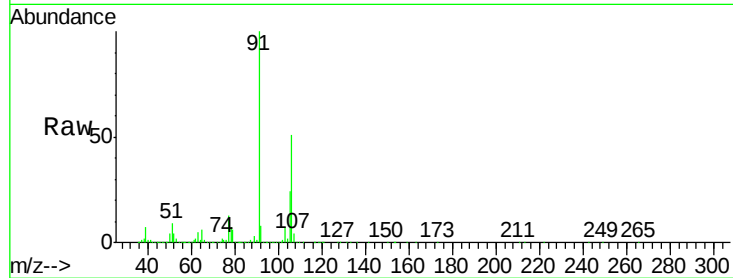
Ion Ratio Lower Upper

106 100

91 196.7 157.0 235.4

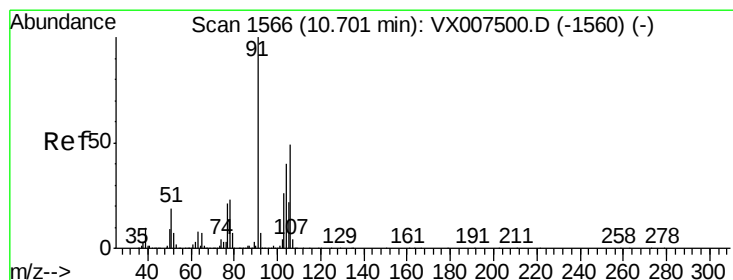
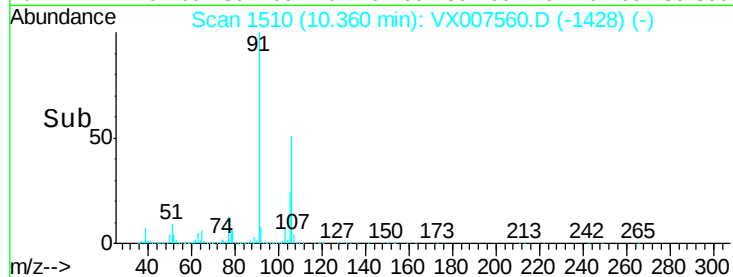
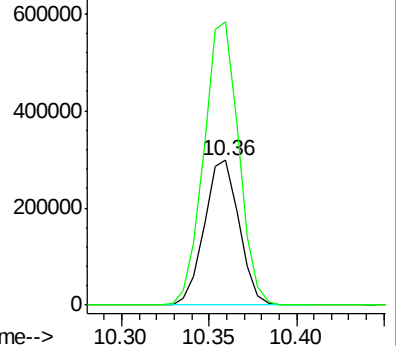
Manual Integrations  
APPROVED

MMDadoda  
2/18/2019 10:39:23 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.241 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX007560.D

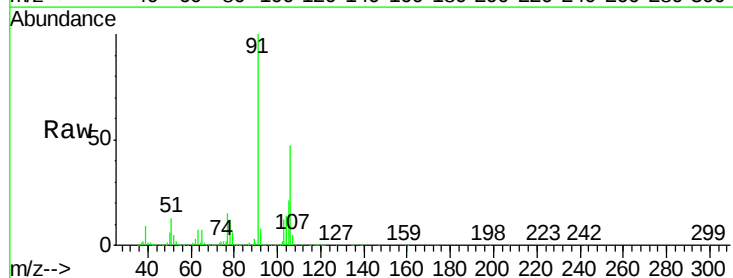
Acq: 15 Feb 2019 11:09

Tgt Ion:106 Resp: 196965

Ion Ratio Lower Upper

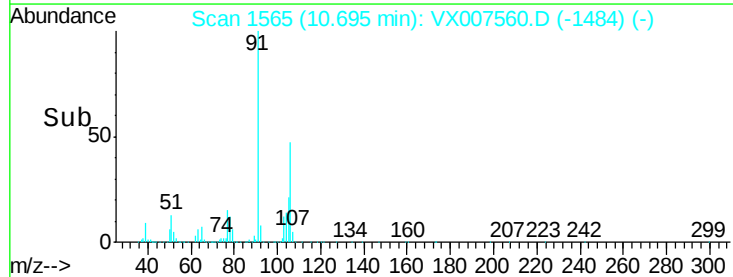
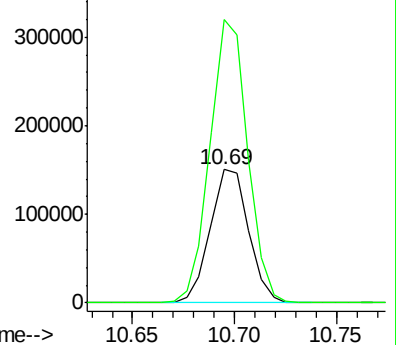
106 100

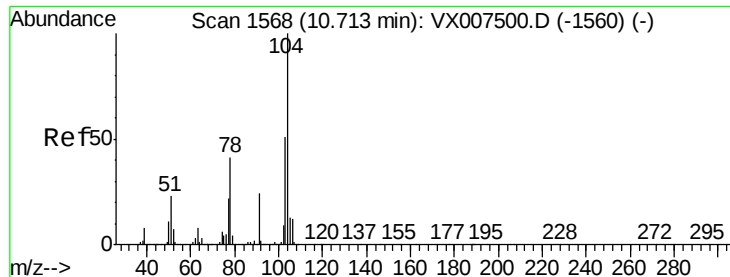
91 208.1 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





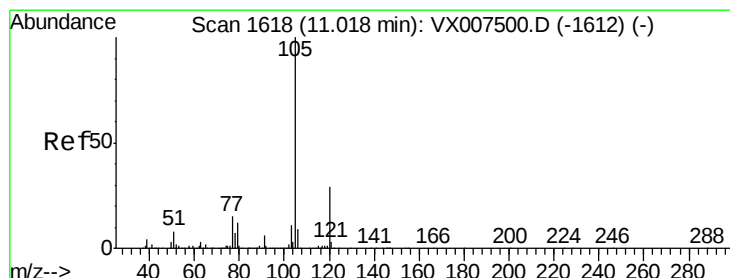
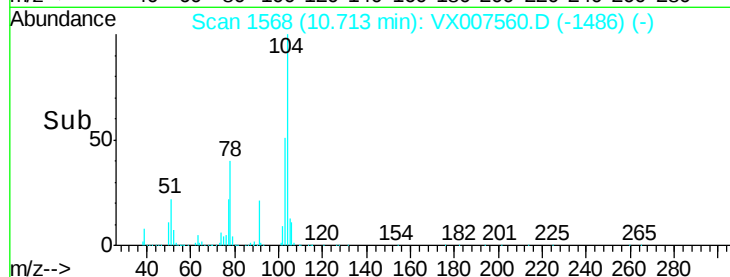
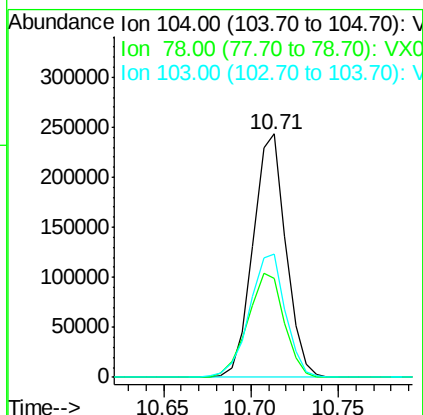
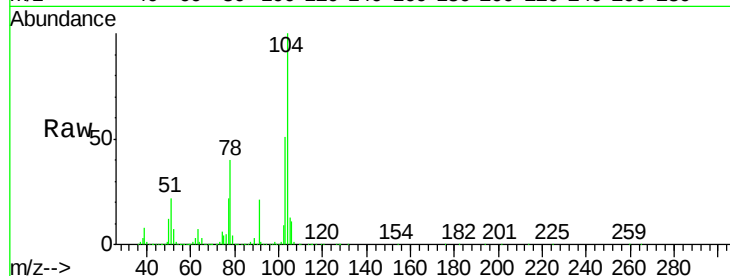
#69  
Stvrene  
Concen: 19.309 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 47.4  | 38.2  | 57.2  |
| 103     | 55.4  | 45.0  | 67.4  |

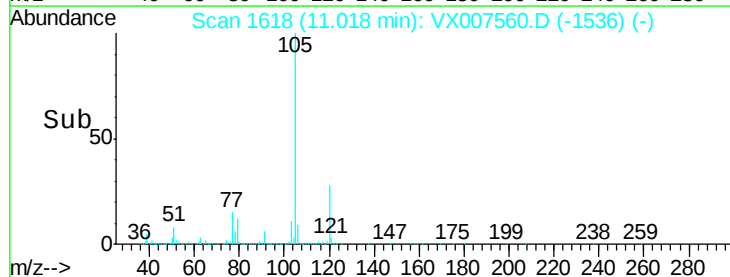
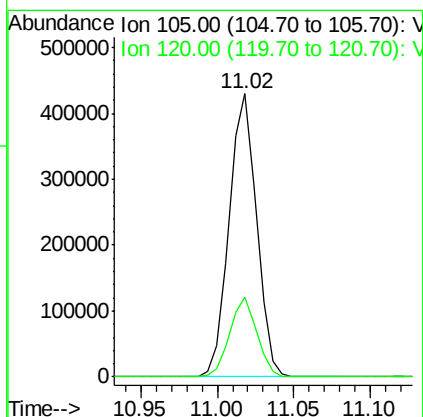
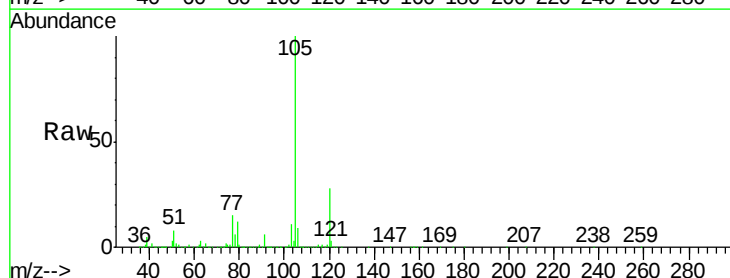
Manual Integrations  
APPROVED

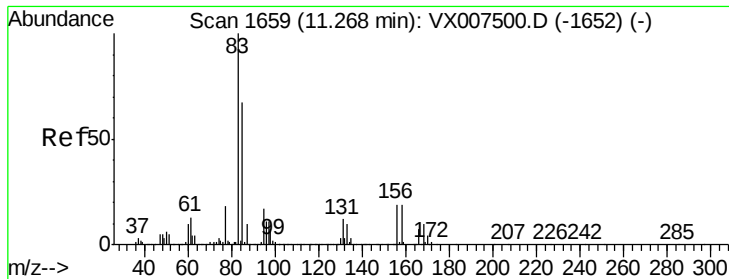
MMDadoda  
2/18/2019 10:39:23 AM



#70  
Isopropylbenzene  
Concen: 19.793 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.7  | 19.8  | 36.8  |





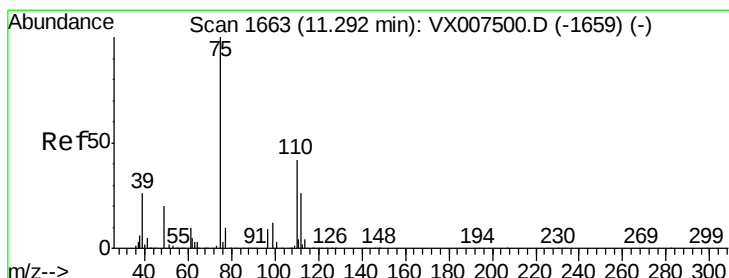
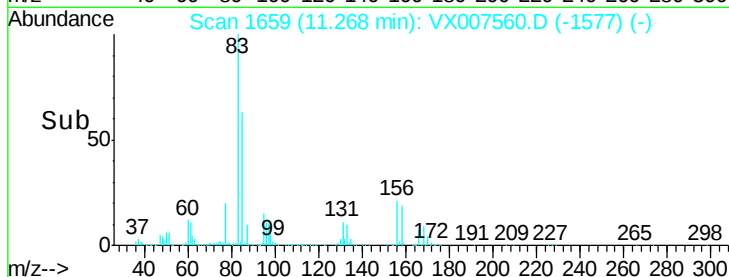
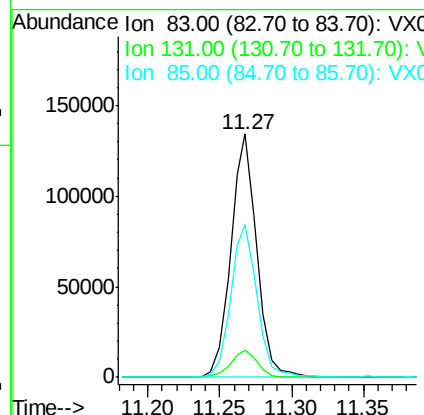
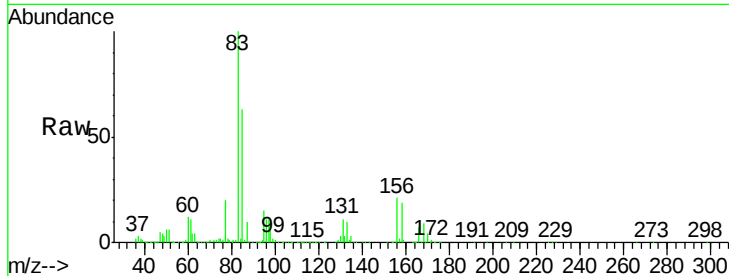
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.018 ug/l  
 RT: 11.27 min Scan# 1659  
 Delta R.T. 0.00 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 169781 |       |       |
| 131     | 11.4  | 5.4    | 16.2  |       |
| 85      | 64.2  | 32.8   | 98.4  |       |

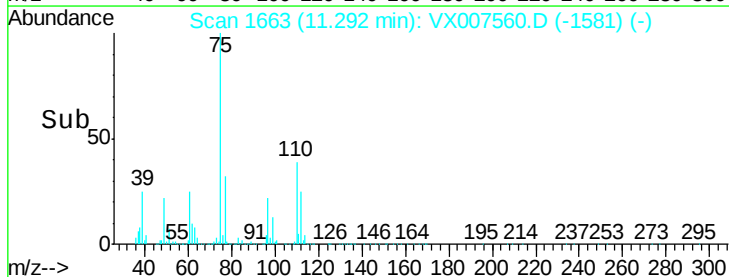
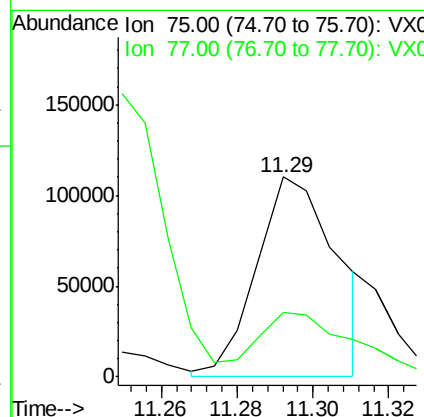
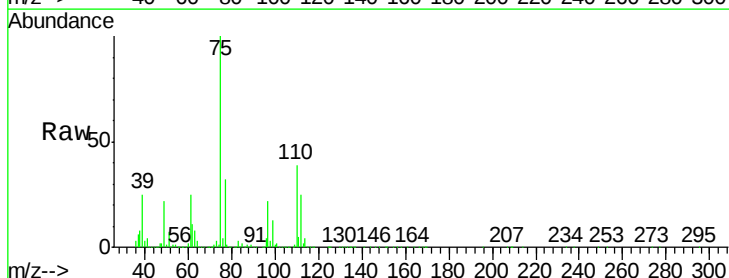
Manual Integrations  
 APPROVED

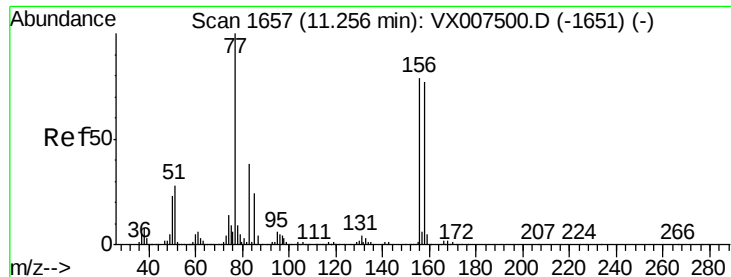
MMDadoda  
 2/18/2019 10:39:23 AM



#72  
 1,2,3-Trichloropropane  
 Concen: 19.812 ug/l m  
 RT: 11.29 min Scan# 1663  
 Delta R.T. 0.00 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 161715 |       |       |
| 77      | 39.0  | 0.0    | 76.4  |       |





#73

Bromobenzene

Concen: 19.599 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

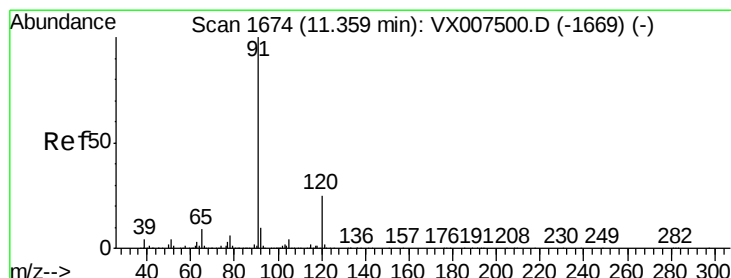
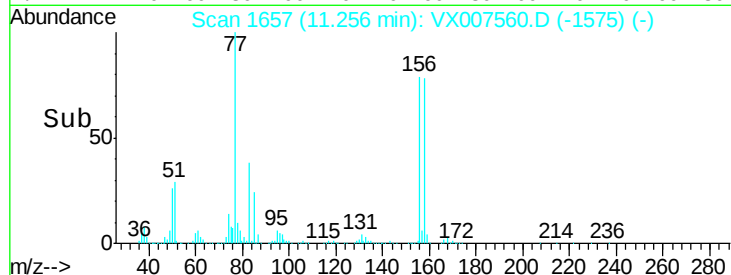
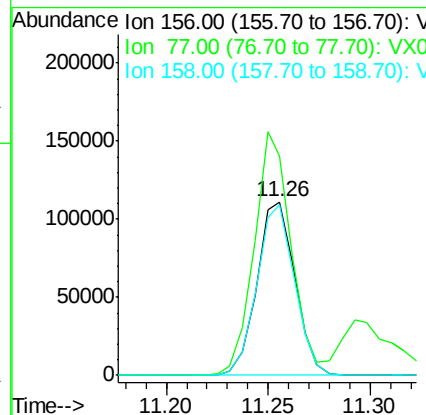
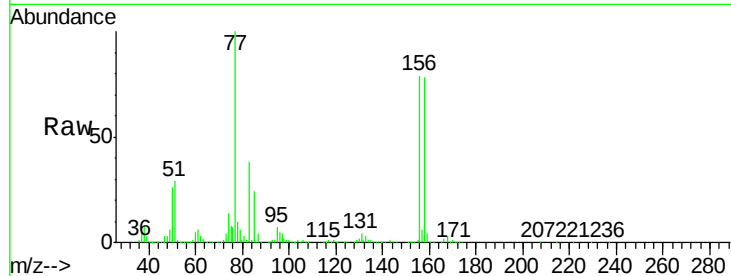
ClientSampleId :

VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 134.0 | 0.0   | 271.4 |
| 158     | 97.1  | 0.0   | 194.0 |

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#74

n-propylbenzene

Concen: 20.266 ug/l

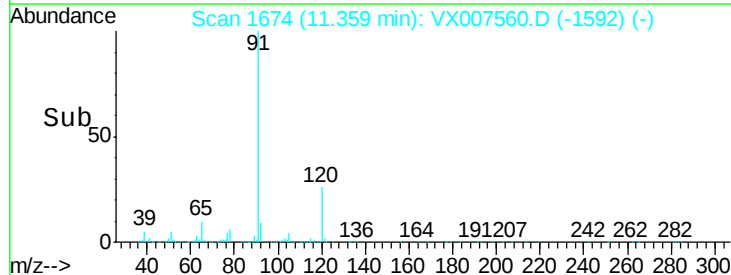
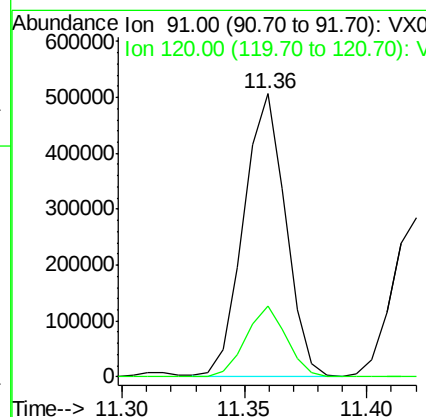
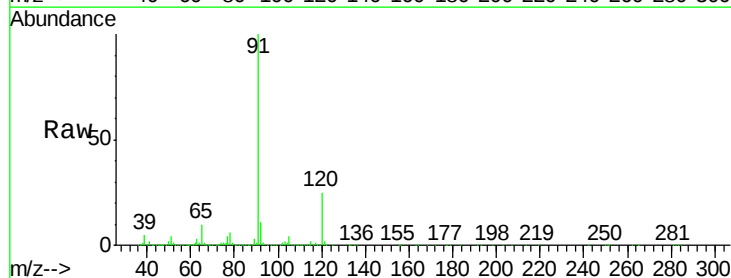
RT: 11.36 min Scan# 1674

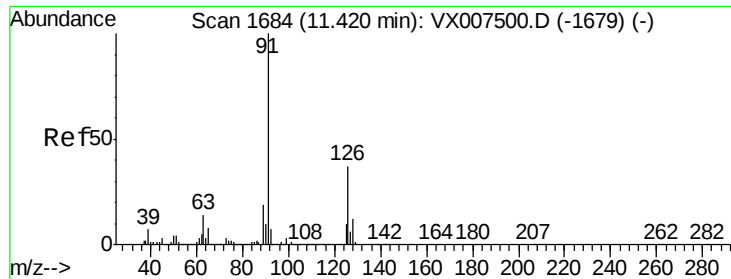
Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.2  | 0.0   | 48.6  |





#75

2-Chlorotoluene

Concen: 19.719 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 353551

Ion Ratio Lower Upper

91 100

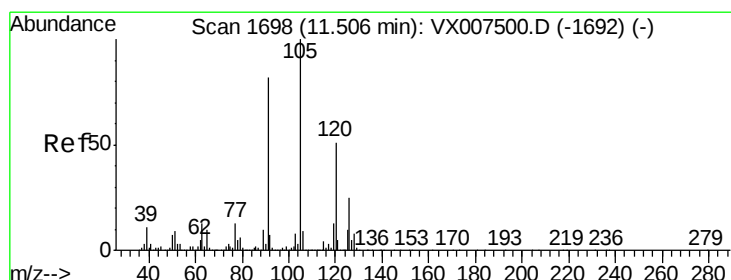
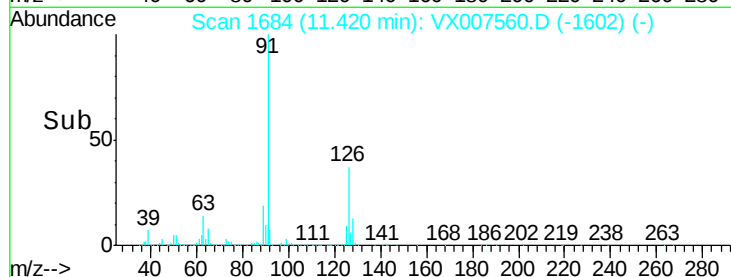
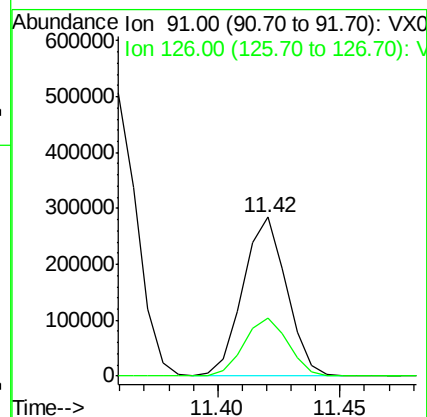
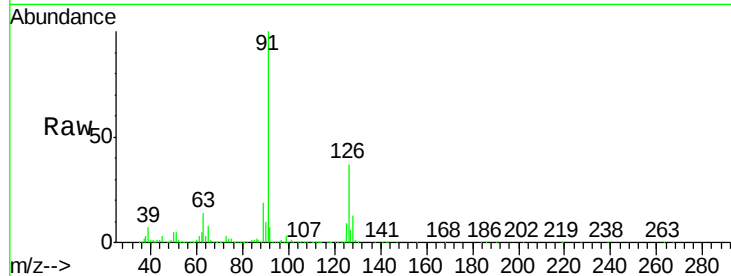
126 36.9 0.0 75.2

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#76

1,3,5-Trimethylbenzene

Concen: 20.014 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007560.D

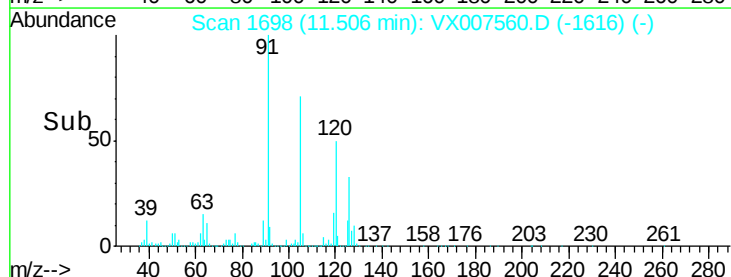
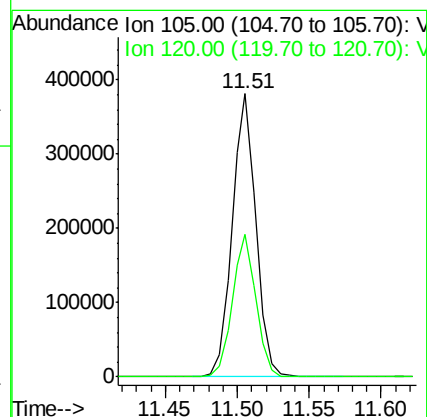
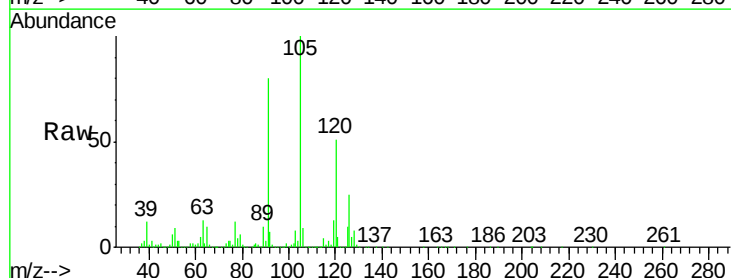
Acq: 15 Feb 2019 11:09

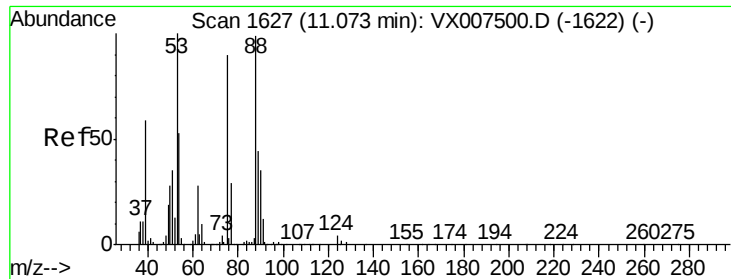
Tgt Ion: 105 Resp: 441226

Ion Ratio Lower Upper

105 100

120 49.9 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.420 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

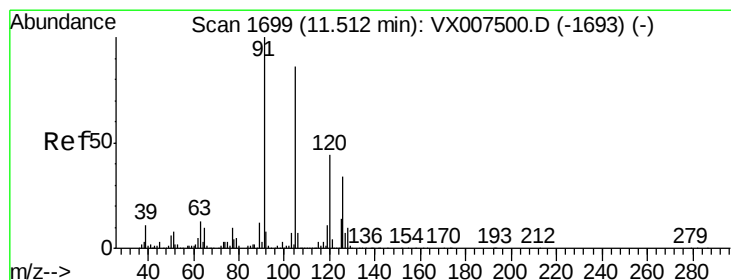
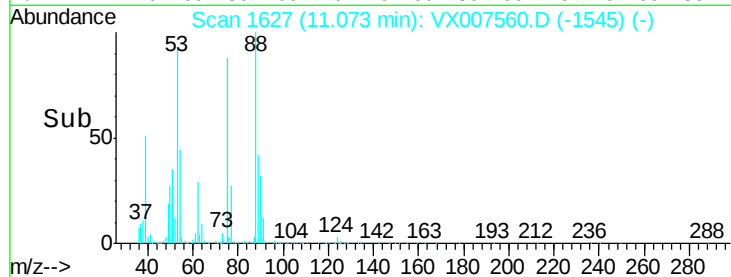
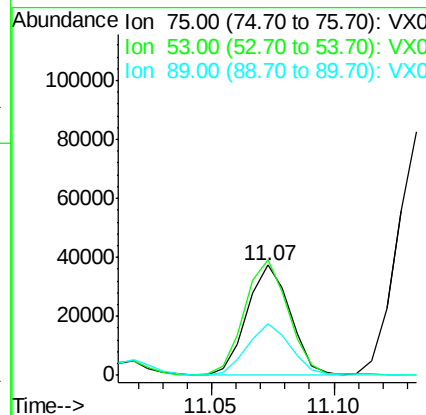
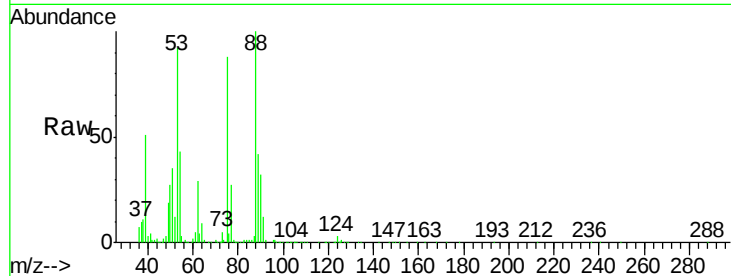
ClientSampled :

VSTDCCC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 45756 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 104.2 | 55.5  | 166.7 |
| 89       | 47.1  | 24.4  | 73.2  |

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#78

4-Chlorotoluene

Concen: 19.645 ug/l

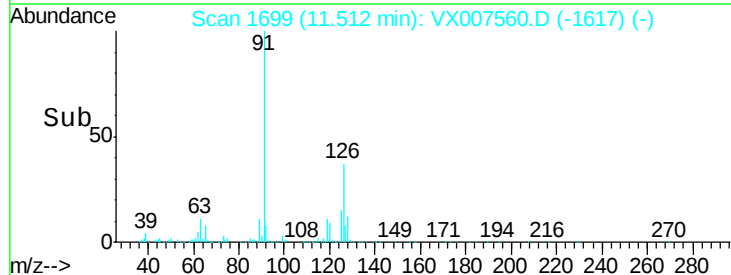
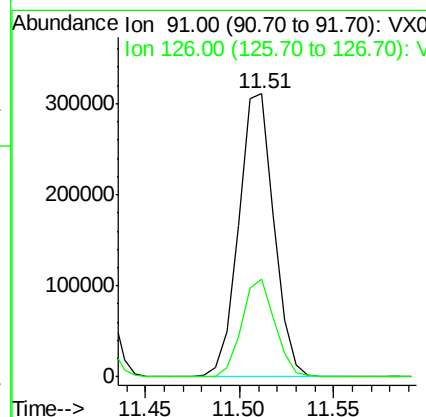
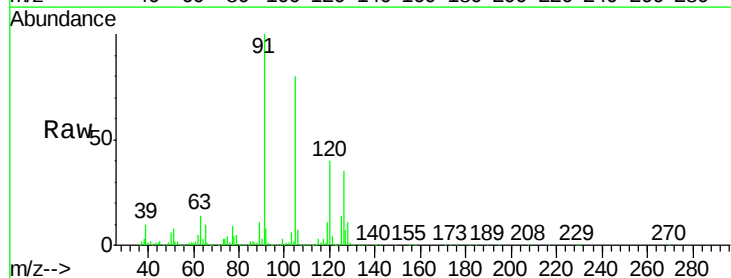
RT: 11.51 min Scan# 1699

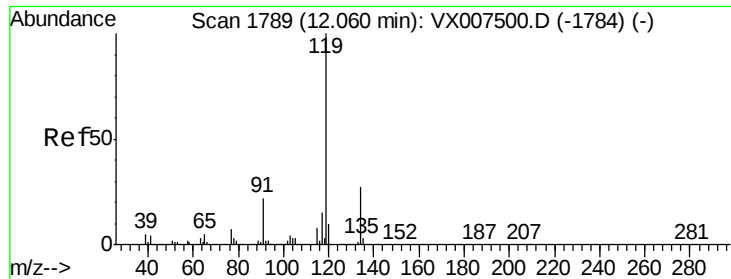
Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 402036 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 32.7  | 0.0   | 66.2   |





#79

tert-butylbenzene

Concen: 20.301 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

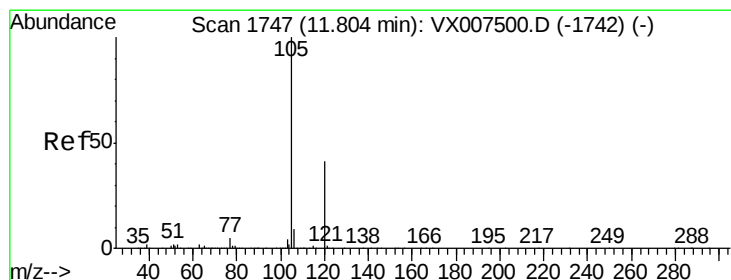
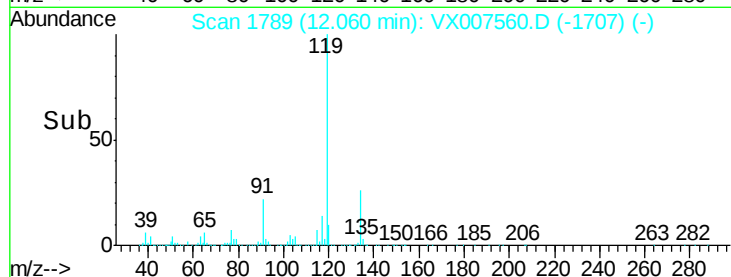
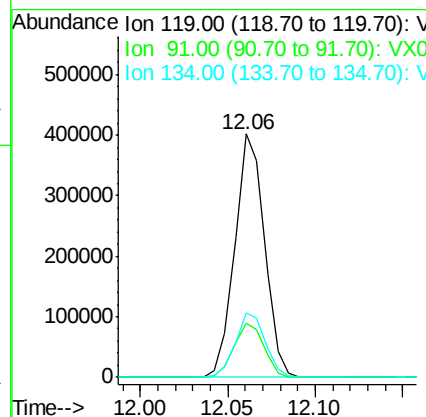
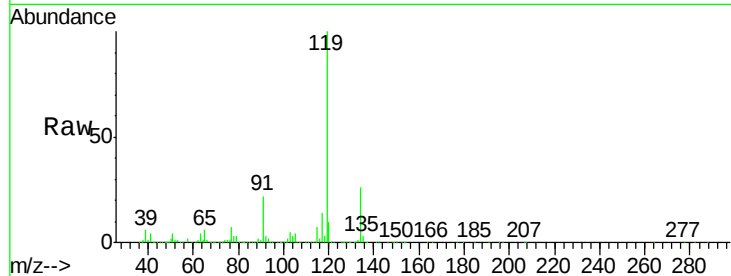
ClientSampleId :

VSTDCCC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 475224 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 22.5  | 0.0   | 45.0   |
| 134       | 26.6  | 0.0   | 55.4   |

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#80

1,2,4-Trimethylbenzene

Concen: 20.009 ug/l

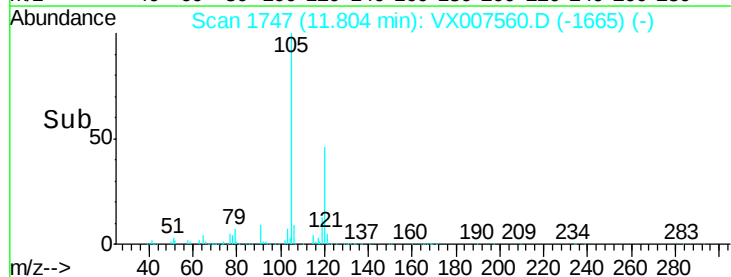
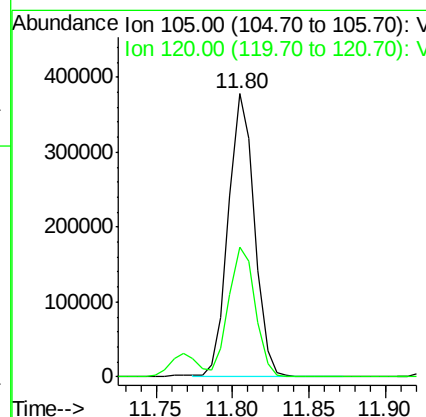
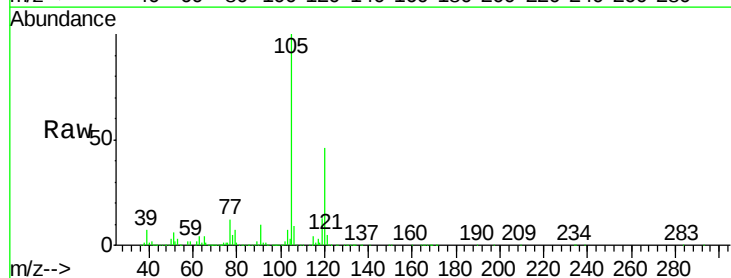
RT: 11.80 min Scan# 1747

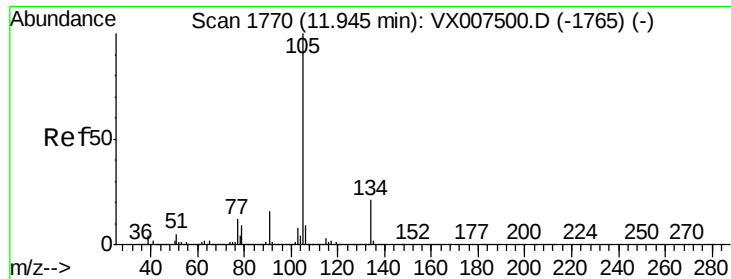
Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 447772 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 46.8  | 0.0   | 94.0   |





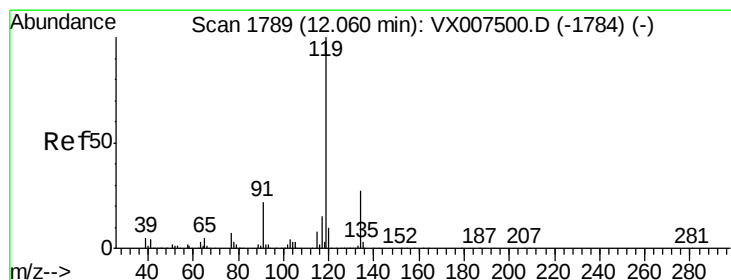
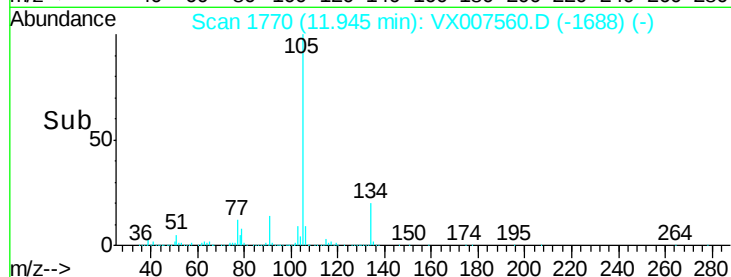
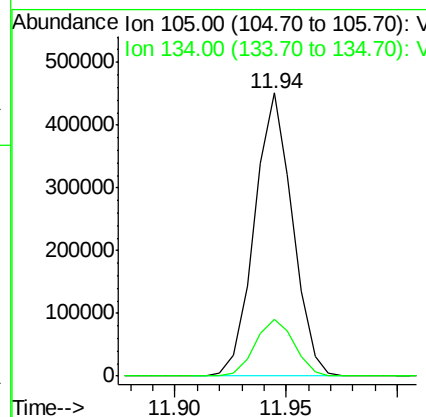
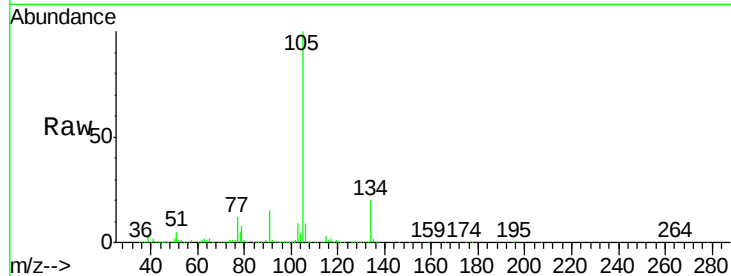
#81  
 sec-Butylbenzene  
 Concen: 20.356 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 535906 |       |       |
| 134     | 20.9  | 0.0    | 41.8  |       |

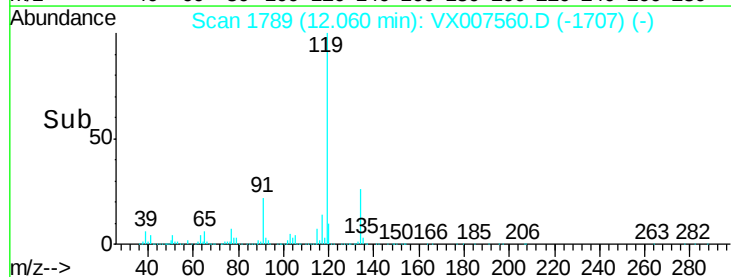
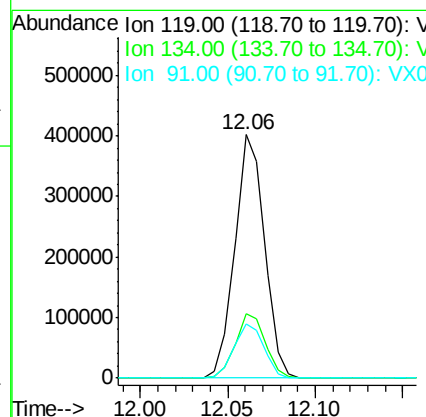
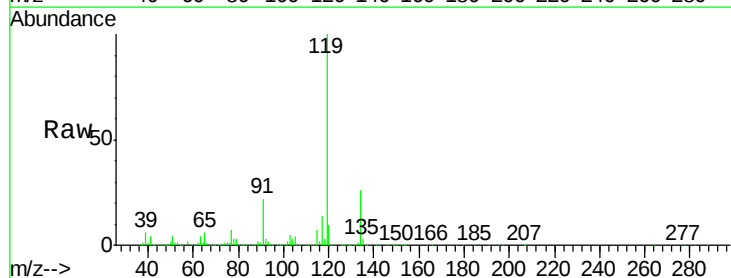
Manual Integrations  
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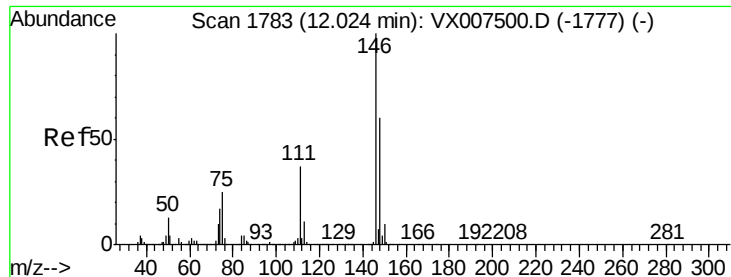
MMDadoda  
 2/18/2019 10:39:23 AM



#82  
 p-Isopropyltoluene  
 Concen: 20.301 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 475224 |       |       |
| 134     | 26.6  | 0.0    | 55.4  |       |
| 91      | 22.5  | 0.0    | 45.0  |       |





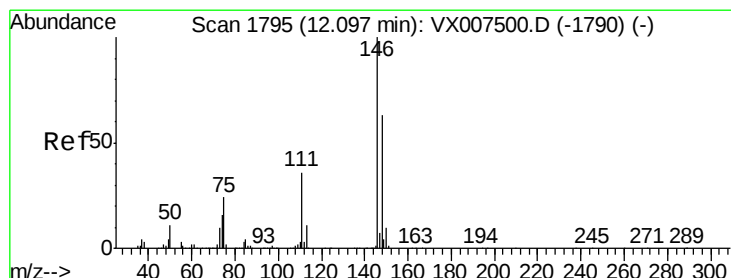
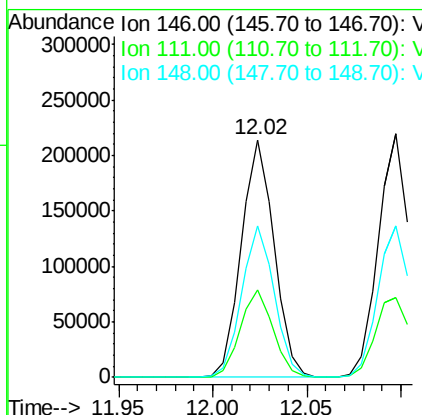
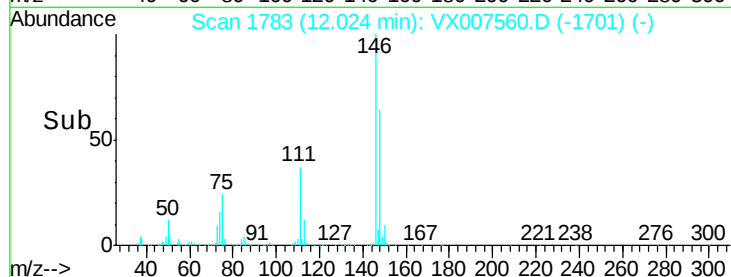
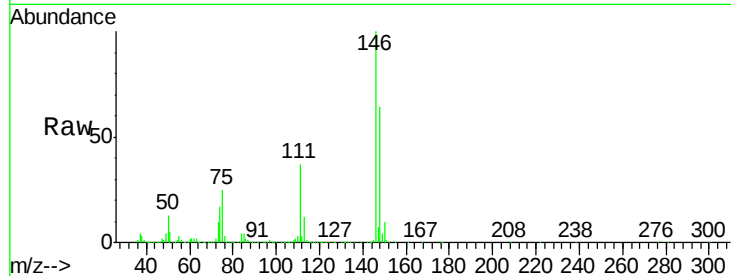
#83  
 1,3-Dichlorobenzene  
 Concen: 20.031 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.7  | 18.8  | 56.3  |
| 148     | 63.0  | 30.6  | 91.8  |

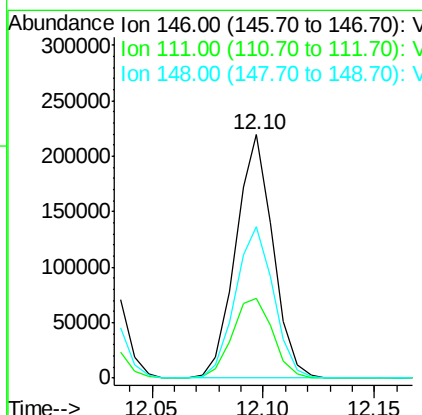
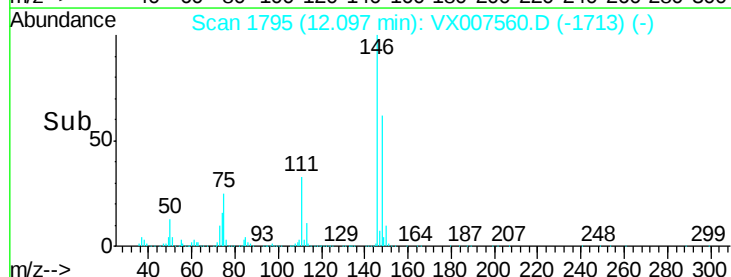
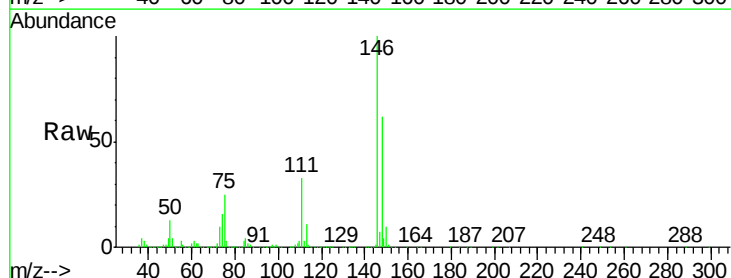
Manual Integrations  
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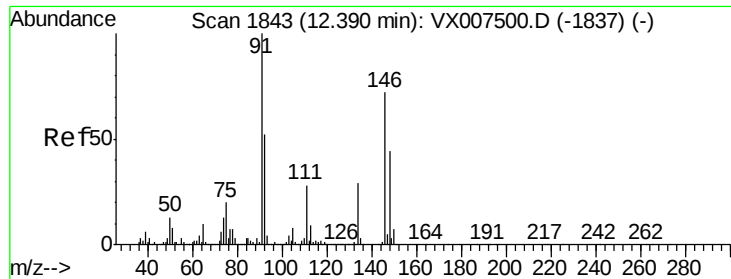
MMDadoda  
 2/18/2019 10:39:23 AM



#84  
 1,4-Dichlorobenzene  
 Concen: 19.757 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX007560.D  
 Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.6  | 17.6  | 52.8  |
| 148     | 63.9  | 31.4  | 94.2  |





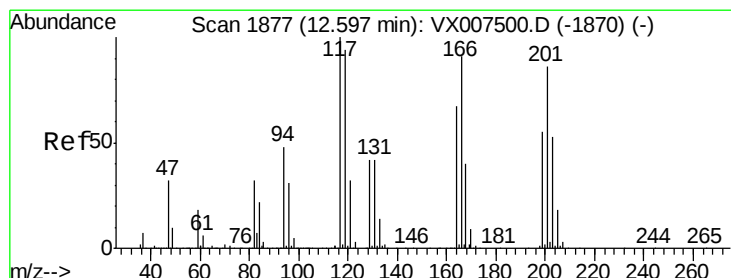
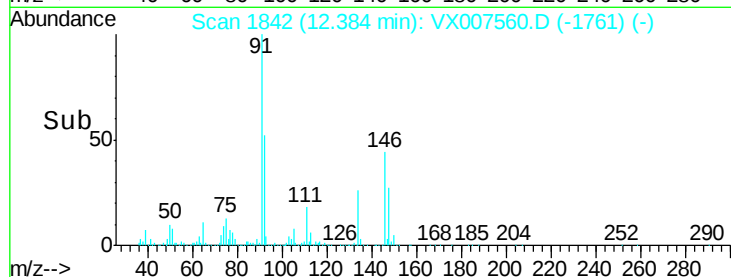
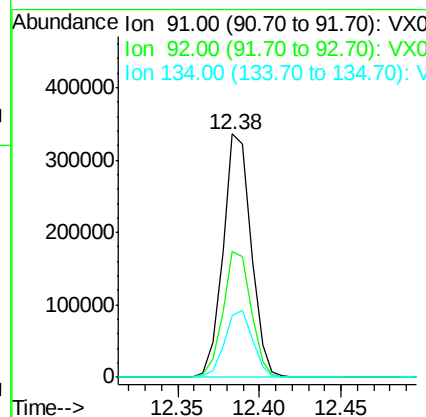
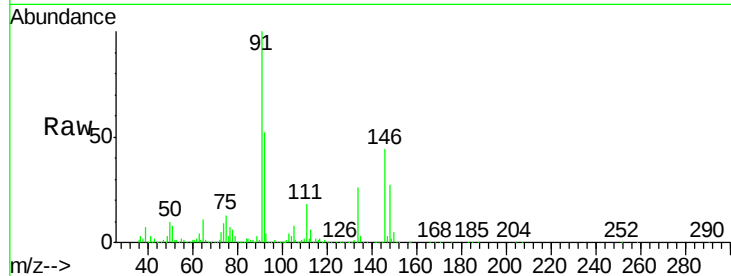
#85  
n-Butylbenzene  
Concen: 20.744 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.01 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 402952 |       |       |
| 92      | 51.8  |        | 0.0   | 105.2 |
| 134     | 27.4  |        | 0.0   | 56.4  |

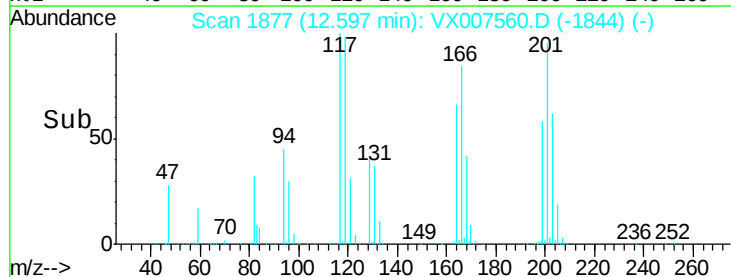
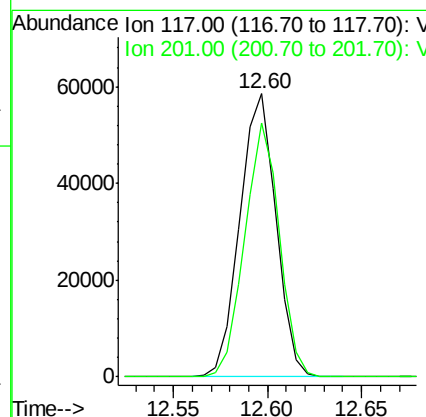
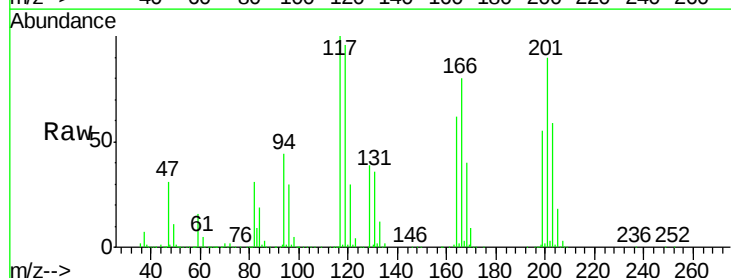
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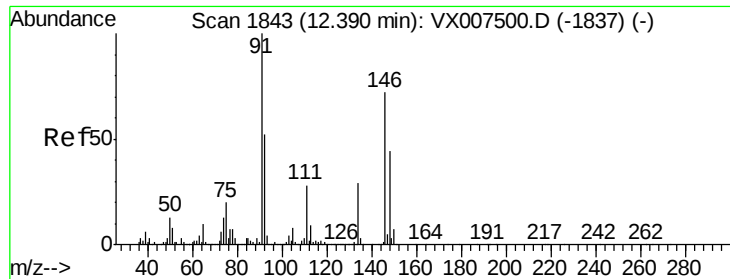
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#86  
Hexachloroethane  
Concen: 20.022 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 77817 |       |       |
| 201     | 86.1  |       | 41.1  | 123.3 |





#87

1,2-Dichlorobenzene

Concen: 19.421 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA\_X

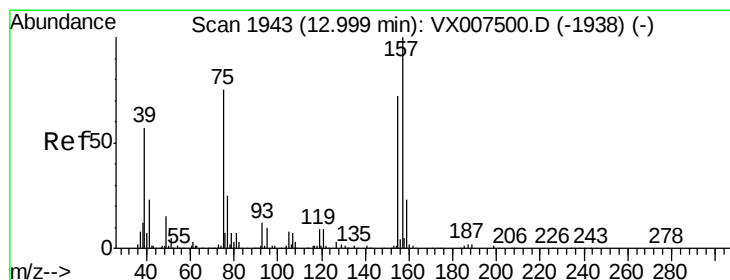
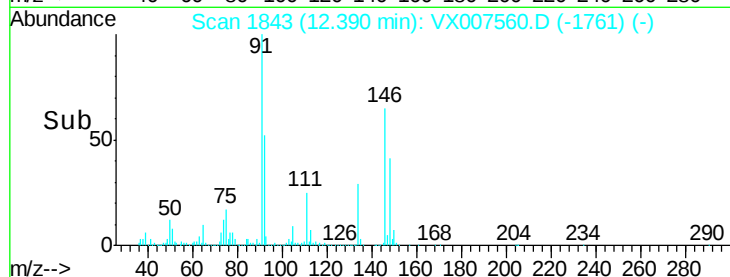
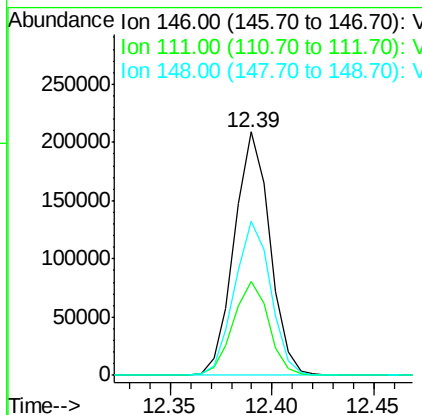
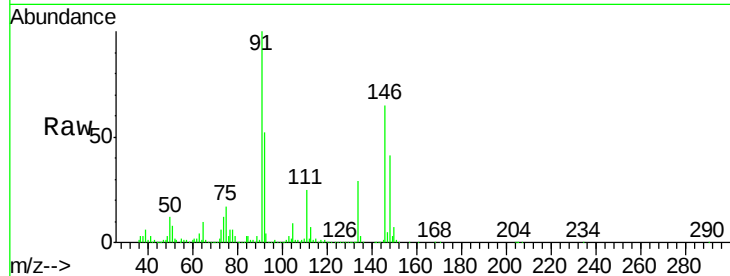
ClientSampleId :

VSTDCCC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 252669 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.7  | 19.3  | 57.8   |
| 148       | 64.7  | 32.1  | 96.3   |

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.416 ug/l

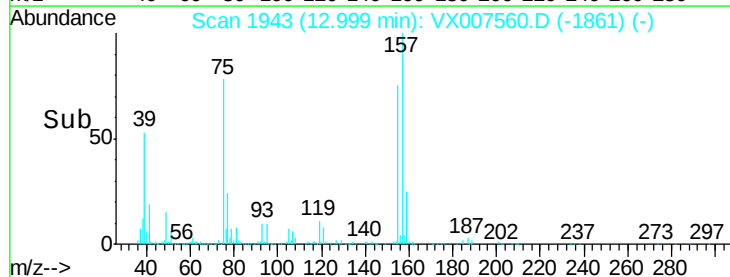
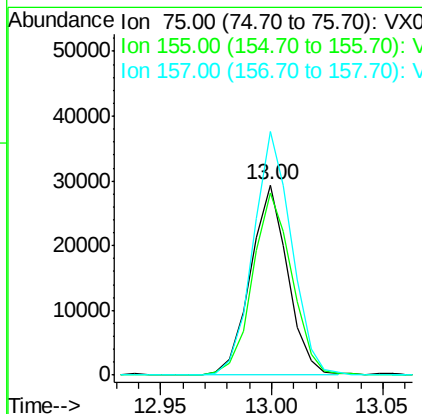
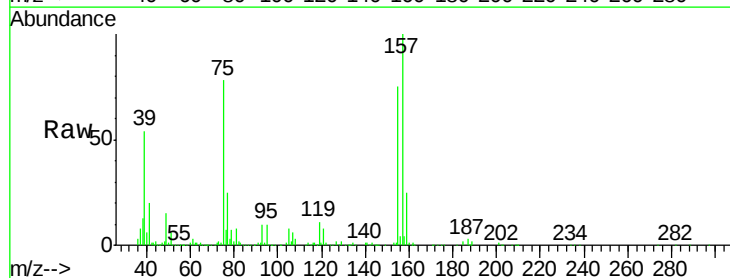
RT: 13.00 min Scan# 1943

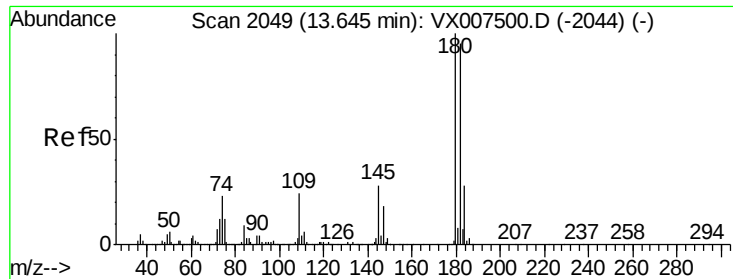
Delta R.T. 0.00 min

Lab File: VX007560.D

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 34311 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 100.6 | 81.0  | 121.6 |
| 157       | 131.6 | 103.2 | 154.8 |





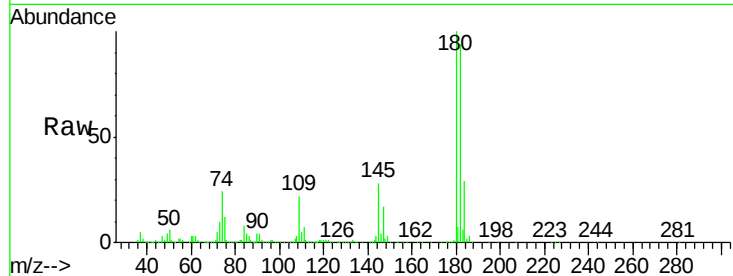
#89  
1,2,4-Trichlorobenzene  
Concen: 20.409 ug/l  
RT: 13.65 min Scan# 2049  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

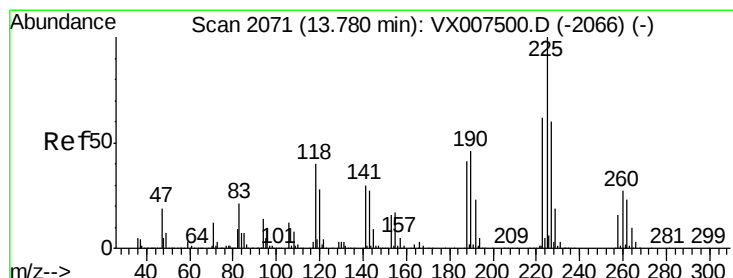
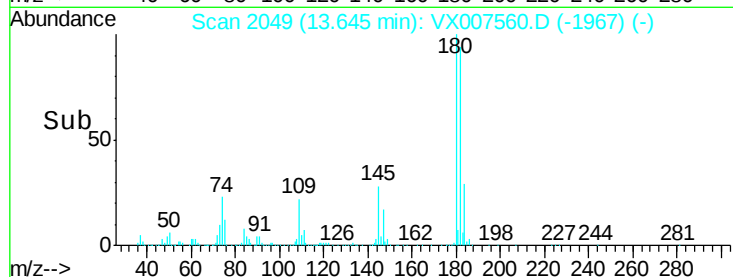
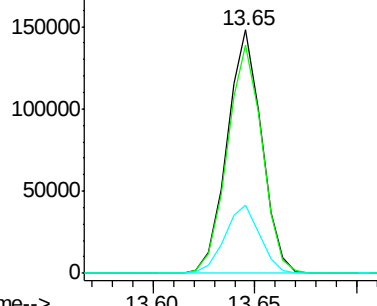
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 174390 |       |       |
| 182     | 95.0  | 75.6   | 113.4 |       |
| 145     | 28.7  | 23.0   | 34.6  |       |

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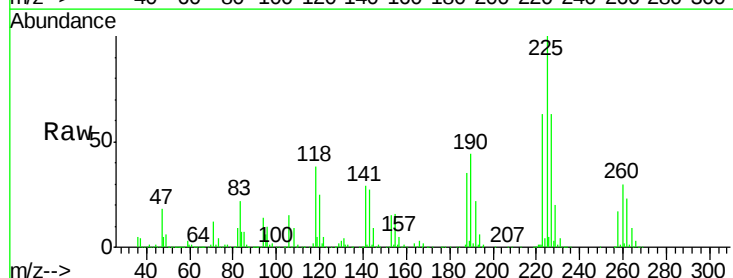


Abundance Ion 180.00 (179.70 to 180.70): V  
Ion 182.00 (181.70 to 182.70): V  
Ion 145.00 (144.70 to 145.70): V

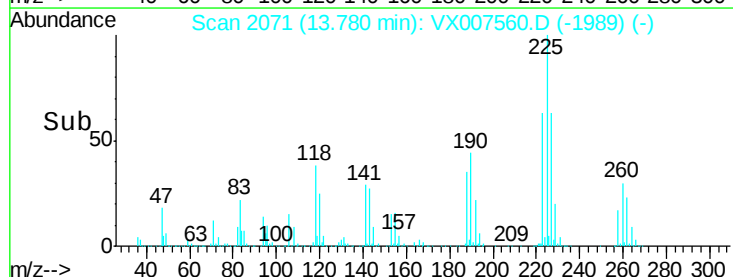
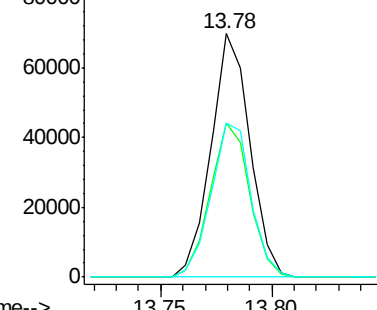


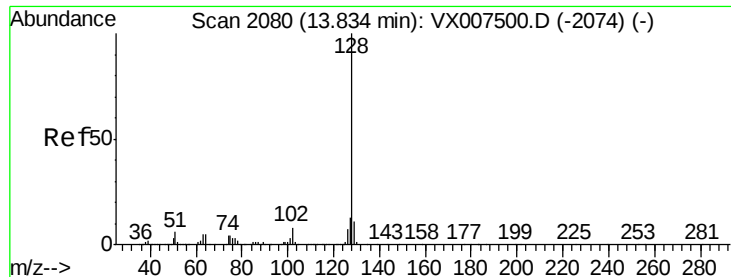
#90  
Hexachlorobutadiene  
Concen: 21.317 ug/l  
RT: 13.78 min Scan# 2071  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 85104 |       |       |
| 223     | 64.0  | 0.0   | 123.8 |       |
| 227     | 65.0  | 0.0   | 124.4 |       |



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





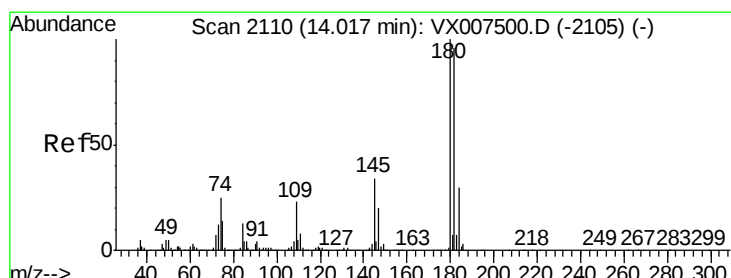
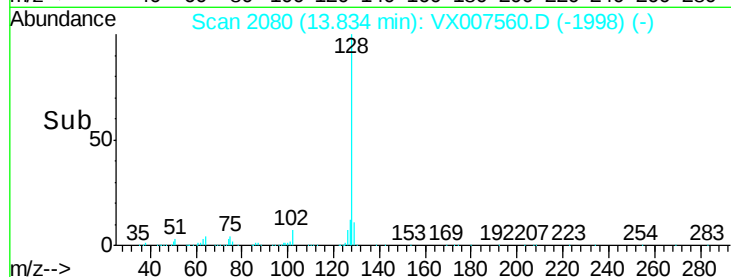
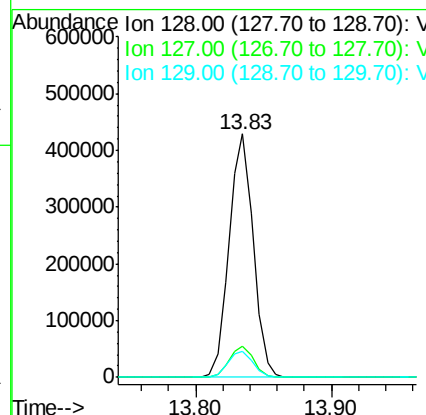
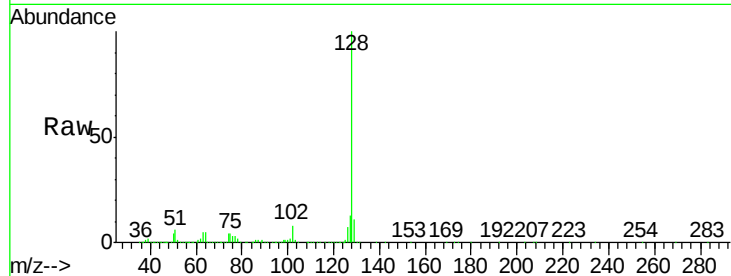
#91  
Naphthalene  
Concen: 19.371 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
Acq: 15 Feb 2019 11:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 527895 |       |       |
| 127     | 12.7  |        | 10.5  | 15.7  |
| 129     | 11.1  |        | 8.9   | 13.3  |

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#92  
1,2,3-Trichlorobenzene  
Concen: 19.759 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: VX007560.D  
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| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 171632 |       |       |
| 182     | 97.3  |        | 0.0   | 193.0 |
| 145     | 30.9  |        | 0.0   | 63.0  |

