

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\  
 Data File : VX008671.D  
 Acq On : 05 Apr 2019 05:42  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 4/5/2019 10:53:38 AM

Quant Time: Apr 05 09:37:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 176113   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 303016   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 274153   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 127760   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 129702   | 50.49 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.98% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 95776    | 49.44 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.88%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 389223   | 50.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.92% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 143634   | 52.51 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.02% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 88702   | 43.756  | ug/l | 98     |
| 3) Chloromethane              | 1.32 | 50  | 120851  | 48.596  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 123422  | 45.038  | ug/l | 98     |
| 5) Bromomethane               | 1.64 | 94  | 60181   | 44.784  | ug/l | 100    |
| 6) Chloroethane               | 1.71 | 64  | 75579   | 50.532  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 139062  | 45.906  | ug/l | 100    |
| 8) Diethyl Ether              | 2.18 | 74  | 65788   | 45.795  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 86805   | 44.507  | ug/l | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 71545   | 41.056  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.06 | 59  | 147234  | 244.832 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 92518   | 45.441  | ug/l | 97     |
| 13) Acrolein                  | 2.29 | 56  | 51094   | 171.347 | ug/l | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 207200  | 44.454  | ug/l | 99     |
| 15) Acrylonitrile             | 3.14 | 53  | 367440  | 230.641 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 316066  | 213.630 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 270938  | 46.023  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 163293  | 45.508  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 346801  | 47.696  | ug/l | 100    |
| 20) Methylene Chloride        | 2.85 | 84  | 110872  | 44.769  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 97166   | 44.120  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.85 | 45  | 421884  | 46.962  | ug/l | 94     |
| 23) Vinyl Acetate             | 3.81 | 43  | 1855449 | 237.418 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 204938  | 46.076  | ug/l | 100    |
| 25) 2-Butanone                | 4.67 | 43  | 543085  | 232.247 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 101815  | 32.501  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 117481  | 46.398  | ug/l | 97     |
| 28) Bromochloromethane        | 5.01 | 49  | 105491  | 57.214  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.13 | 42  | 360089  | 232.009 | ug/l | 100    |
| 30) Chloroform                | 5.21 | 83  | 184586  | 46.464  | ug/l | 99     |
| 31) Cyclohexane               | 5.58 | 56  | 198521  | 44.730  | ug/l | 100    |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 151173  | 47.090  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 143031  | 43.182  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.84 | 43  | 204548  | 46.265  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 126034  | 45.974  | ug/l | 99     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 4/5/2019 10:53:38 AM

Quant Time: Apr 05 09:37:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 171826   | 41.993  | ug/l   | 99       |
| 40) Benzene                    | 6.14  | 78   | 442966   | 44.891  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.04  | 41   | 116446   | 45.821  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 156729   | 44.304  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.45  | 43   | 328628   | 47.450  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 103480   | 45.026  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 126157   | 44.793  | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 72850    | 44.597  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 143029   | 46.439  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 166190   | 47.437  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 61447    | 936.280 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 1083145  | 242.945 | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 267327   | 45.952  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 158145   | 45.838  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 175153   | 44.430  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 108222   | 46.344  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 206336   | 48.836  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 192711   | 45.958  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 514445   | 238.454 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 829644   | 239.448 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 106544   | 48.418  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 110646   | 45.514  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 93072    | 45.821  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 275083   | 45.266  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 97930    | 45.934  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 513256   | 45.293  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 370968   | 91.048  | ug/l   | 100      |
| 69) o-Xylene                   | 10.69 | 106  | 182600   | 46.245  | ug/l   | 100      |
| 70) Styrene                    | 10.71 | 104  | 320955   | 47.155  | ug/l   | 100      |
| 71) Bromoform                  | 10.85 | 173  | 79043    | 48.544  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 480274   | 45.361  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 295649   | 47.461  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 181214   | 45.003  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 178221m  | 50.780  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 116882   | 45.920  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 554078   | 44.944  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 334970   | 44.899  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 403050   | 45.350  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 53886    | 42.323  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 385470   | 44.637  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 388758   | 45.466  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 409888   | 45.547  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 461369   | 45.426  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 413049   | 45.311  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 205891   | 45.184  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 205855   | 44.613  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 374808   | 43.842  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 70873    | 46.875  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 205471   | 45.415  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 39315    | 44.383  | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

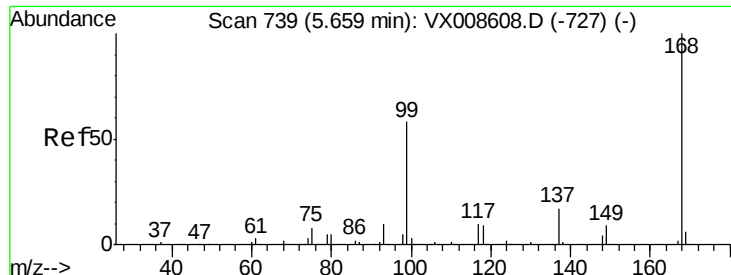
MMDadoda  
4/5/2019 10:53:38 AM

Quant Time: Apr 05 09:37:47 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 04 04:47:41 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 140060   | 44.525 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 66080    | 43.802 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 482816   | 45.923 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 141008   | 44.865 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 176113

Ion Ratio Lower Upper

168 100

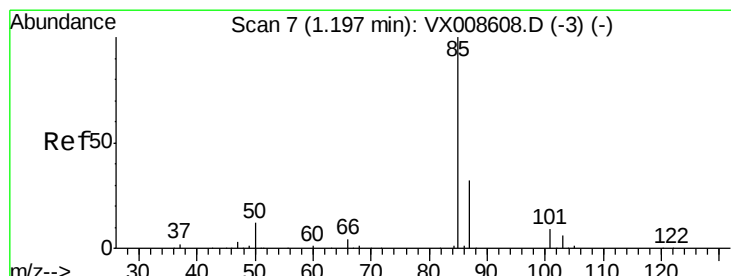
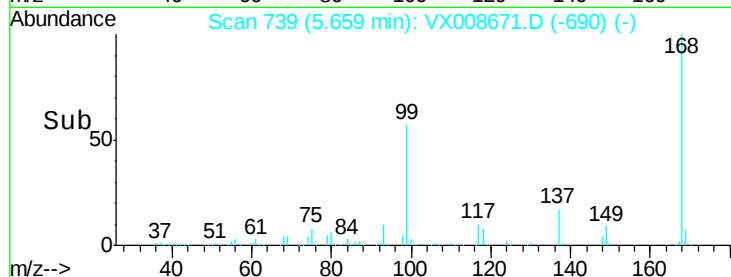
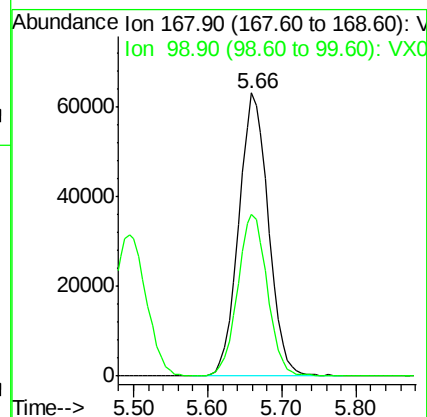
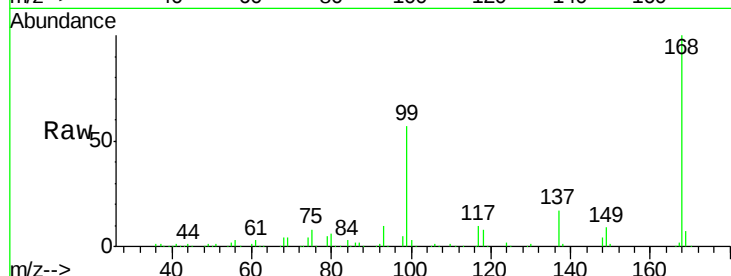
99 56.9 46.7 70.1

Manual Integrations

APPROVED

MMDadoda

4/5/2019 10:53:38 AM



#2

Dichlorodifluoromethane

Concen: 43.756 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008671.D

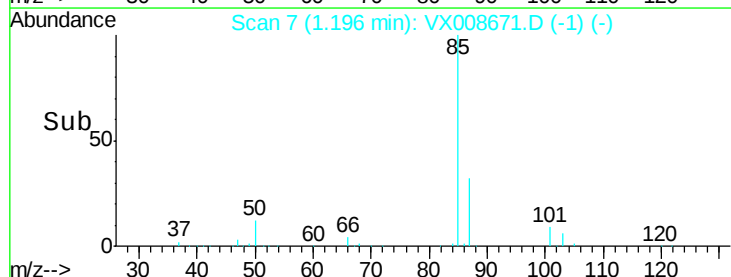
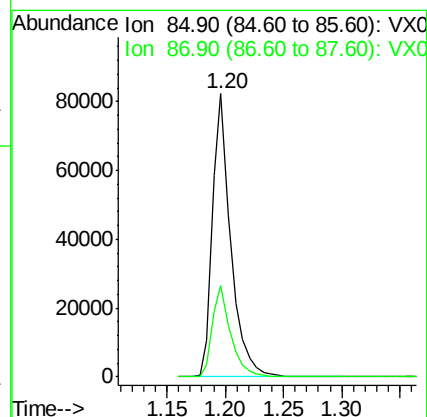
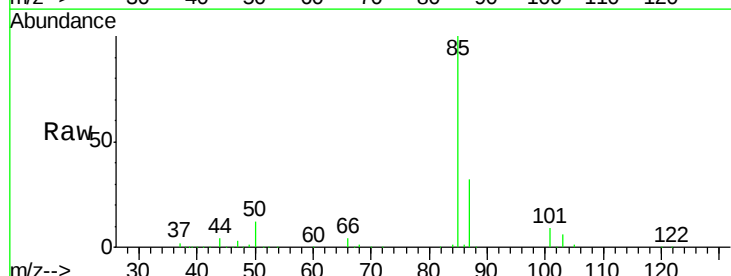
Acq: 05 Apr 2019 05:42

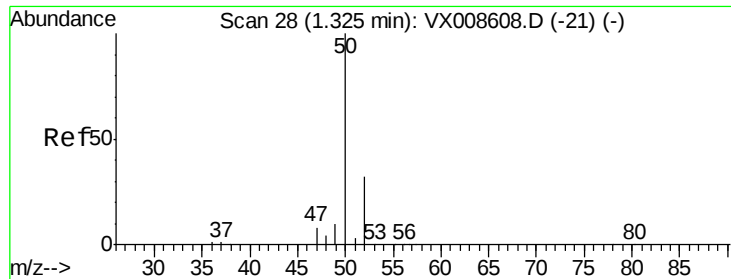
Tgt Ion: 85 Resp: 88702

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.3





#3

Chloromethane

Concen: 48.596 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 120851

Ion Ratio Lower Upper

50 100

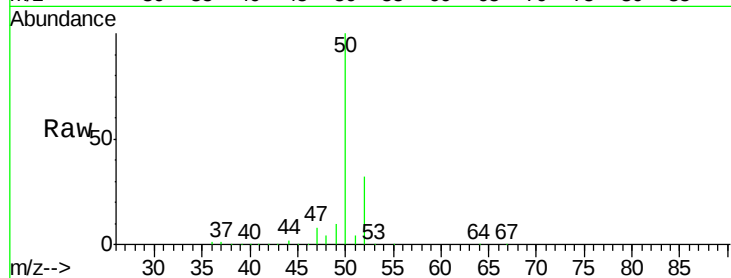
52 32.1 25.8 38.8

Manual Integrations

APPROVED

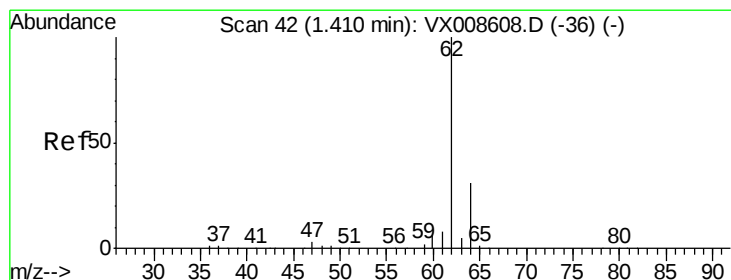
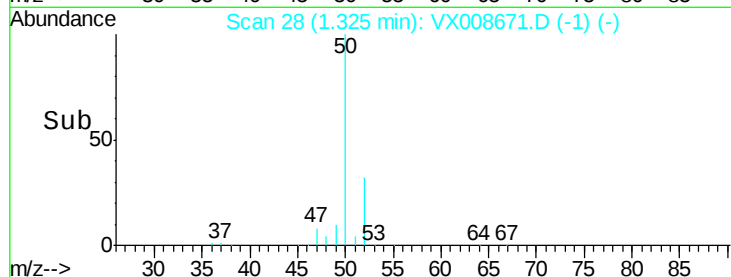
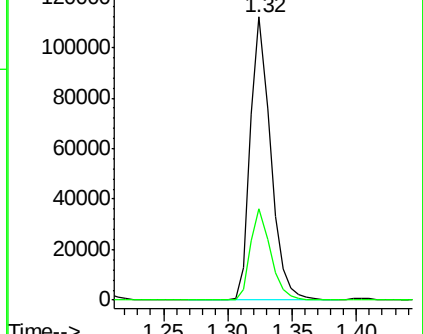
MMDadoda

4/5/2019 10:53:38 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.038 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008671.D

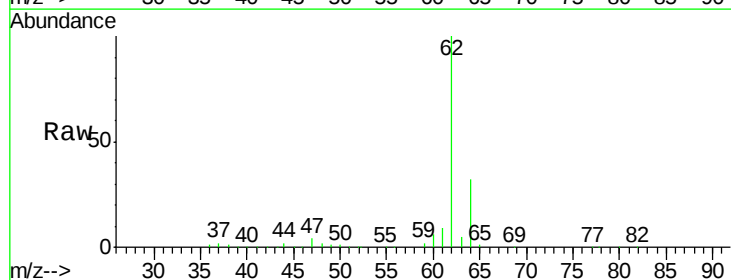
Acq: 05 Apr 2019 05:42

Tgt Ion: 62 Resp: 123422

Ion Ratio Lower Upper

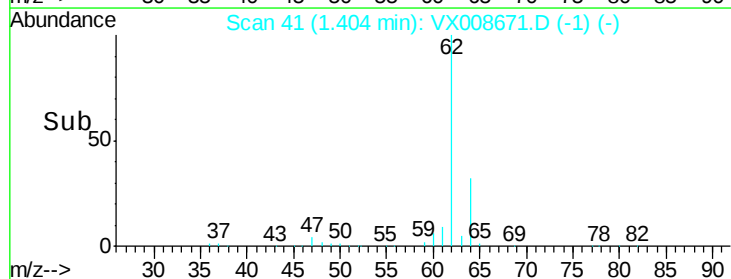
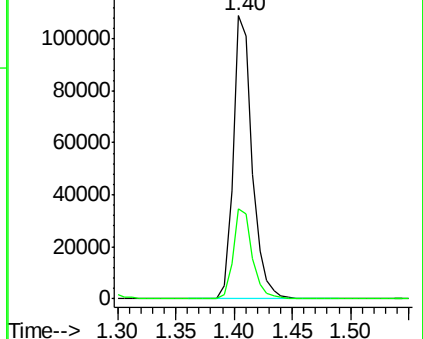
62 100

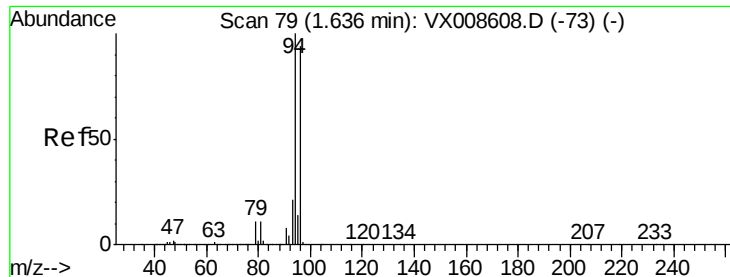
64 31.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.784 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 60181

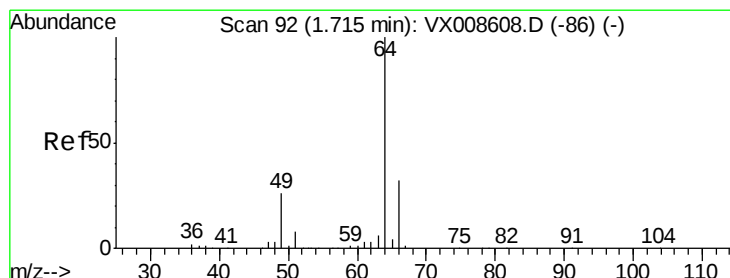
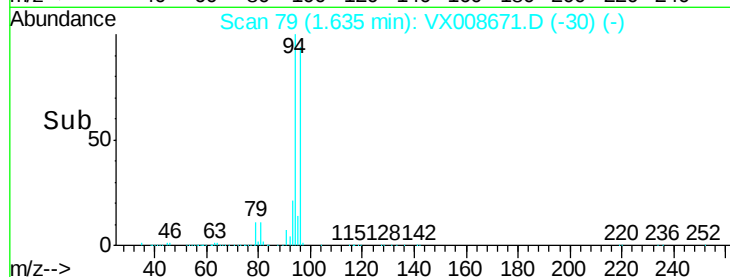
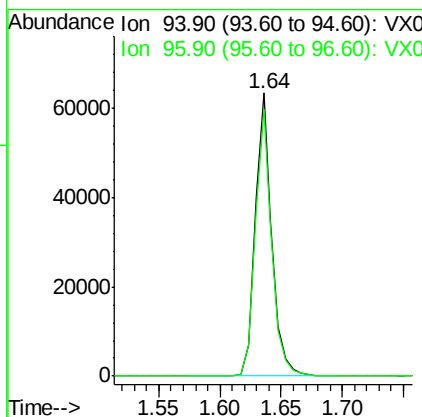
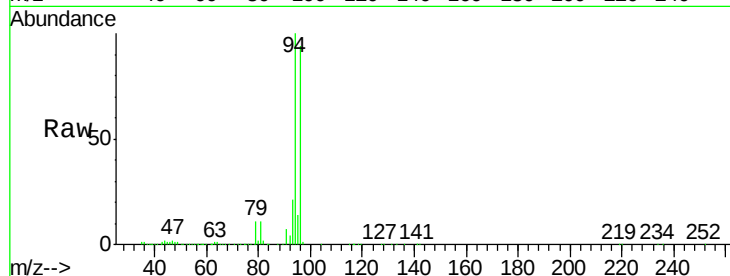
Ion Ratio Lower Upper

94 100

96 94.2 75.2 112.8

Manual Integrations  
APPROVED

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4/5/2019 10:53:38 AM



#6

Chloroethane

Concen: 50.532 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008671.D

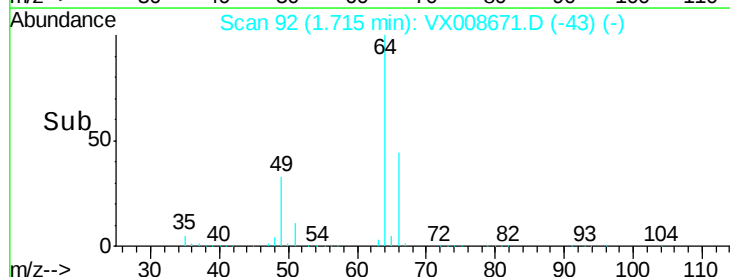
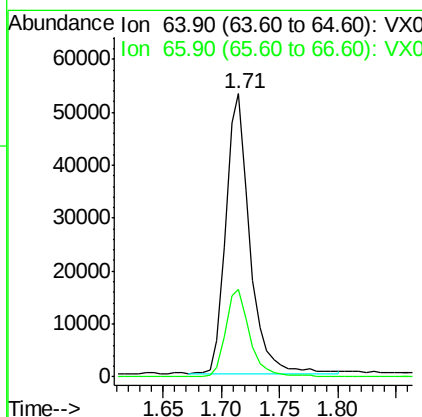
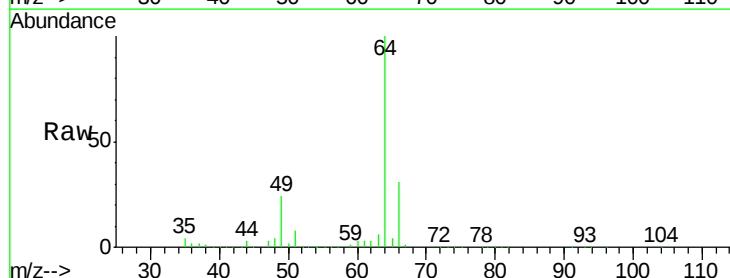
Acq: 05 Apr 2019 05:42

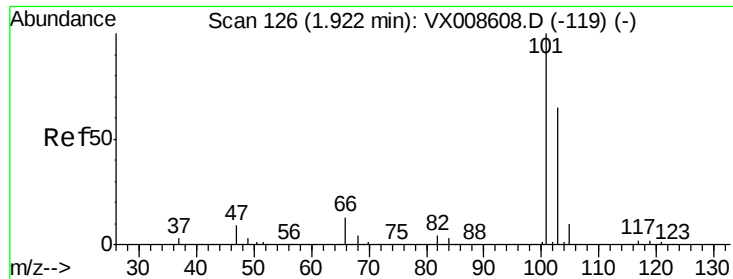
Tgt Ion: 64 Resp: 75579

Ion Ratio Lower Upper

64 100

66 31.2 25.4 38.0





#7

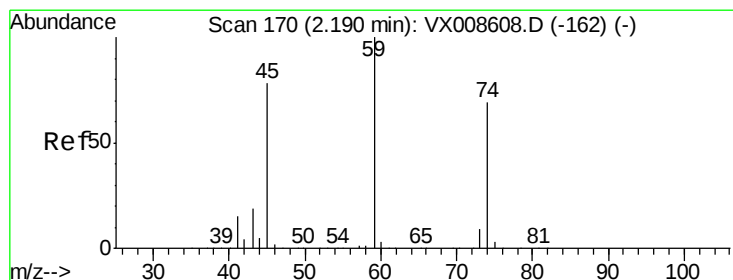
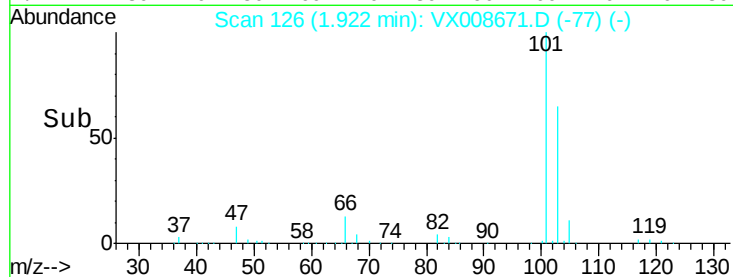
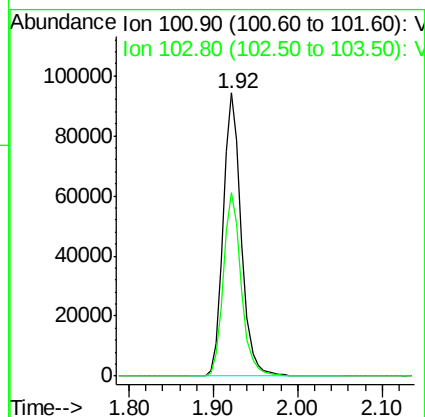
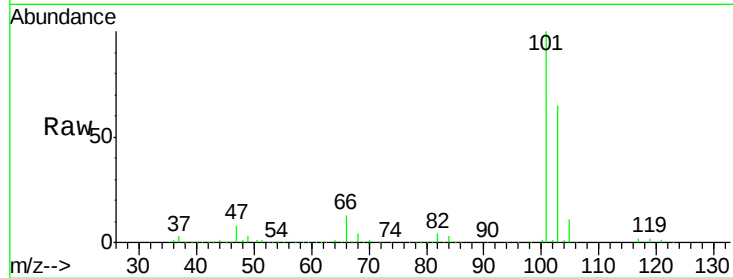
Trichlorofluoromethane  
Concen: 45.906 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:101 Resp: 139062  
Ion Ratio Lower Upper  
101 100  
103 65.1 52.3 78.5

Manual Integrations  
APPROVED

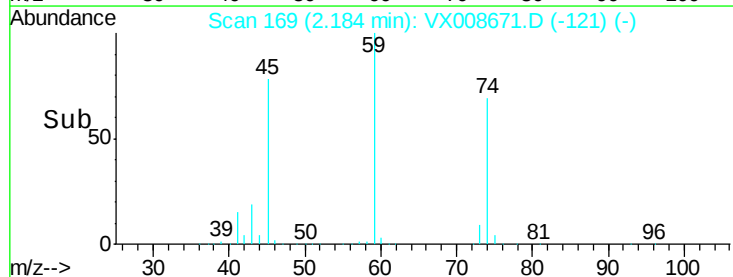
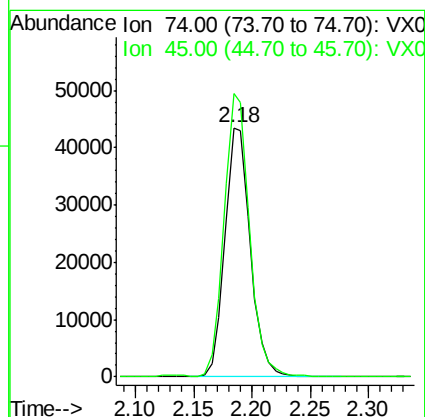
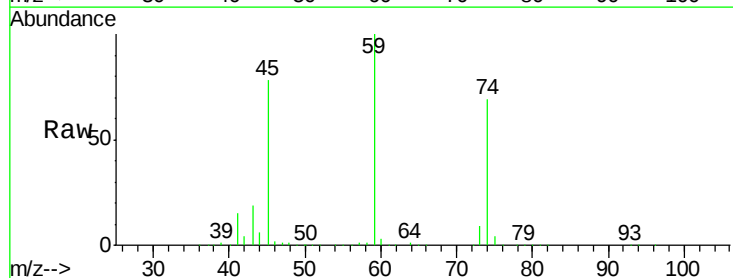
MMDadoda  
4/5/2019 10:53:38 AM



#8

Diethyl Ether  
Concen: 45.795 ug/l  
RT: 2.18 min Scan# 169  
Delta R.T. -0.01 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Tgt Ion: 74 Resp: 65788  
Ion Ratio Lower Upper  
74 100  
45 112.7 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.507 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

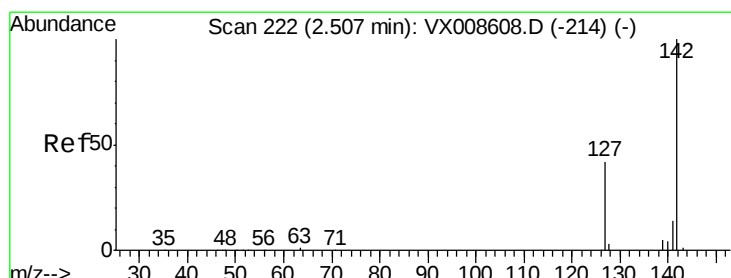
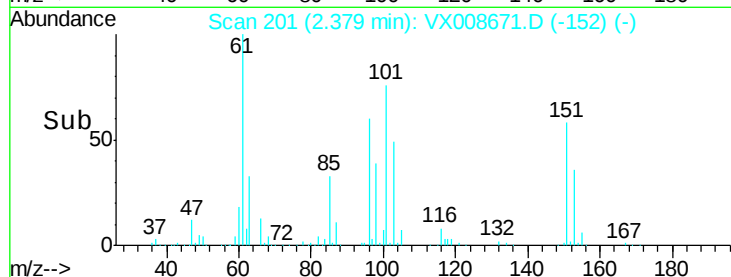
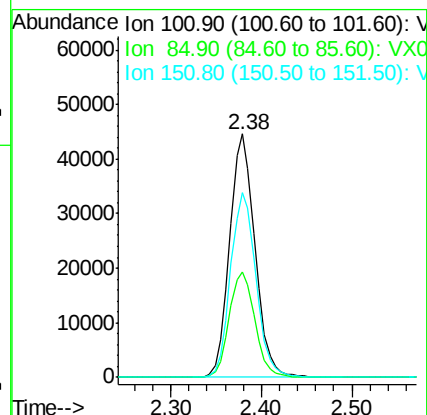
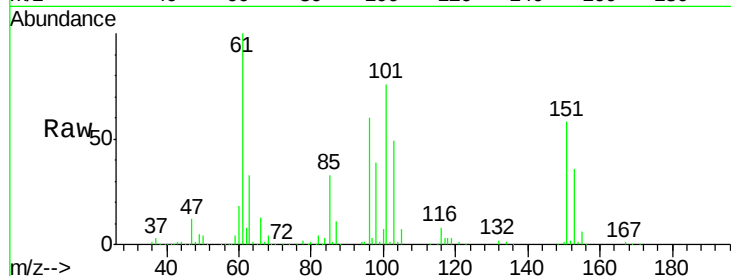
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 86805 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.8  | 36.0  | 54.0  |
| 151       | 76.3  | 59.9  | 89.9  |

Manual Integrations  
APPROVED

MMDadoda  
4/5/2019 10:53:38 AM



#10

Methyl Iodide

Concen: 41.056 ug/l

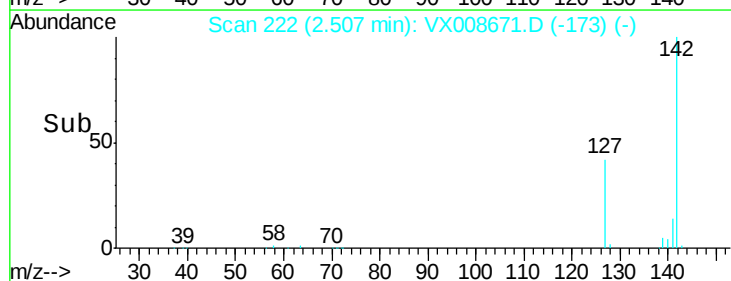
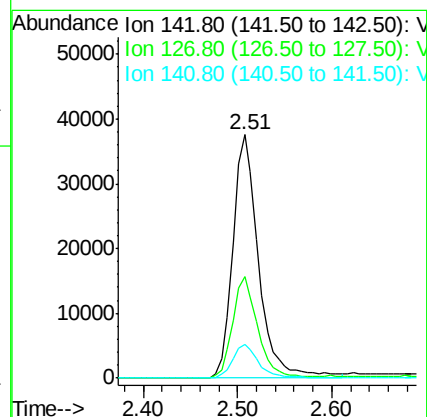
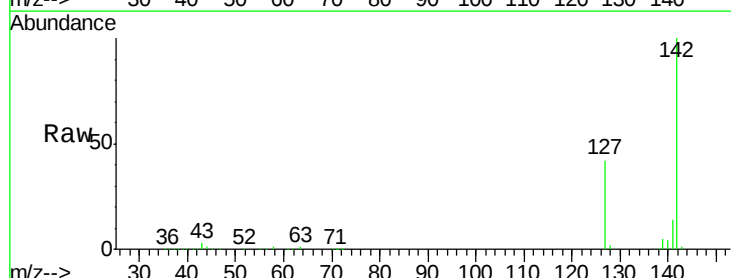
RT: 2.51 min Scan# 222

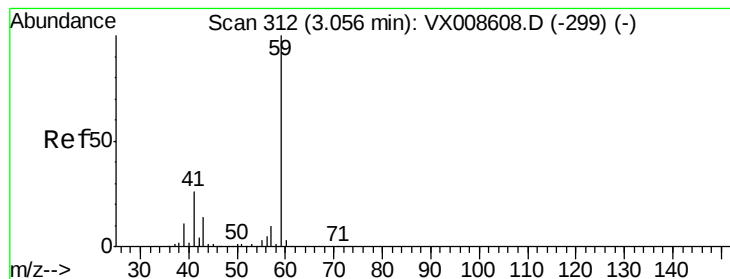
Delta R.T. 0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 71545 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 40.7  | 33.0  | 49.6  |
| 141       | 14.1  | 11.4  | 17.2  |





#11

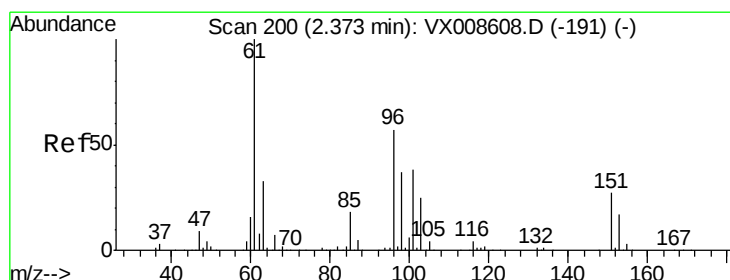
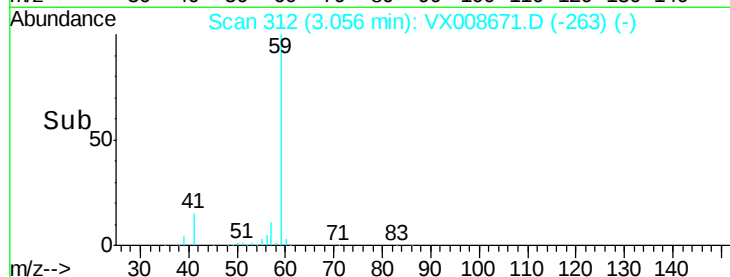
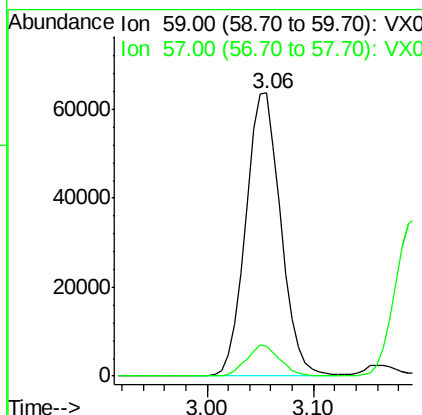
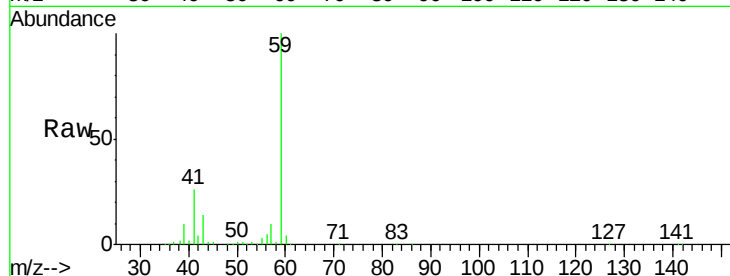
Tert butyl alcohol  
 Concen: 244.832 ug/l  
 RT: 3.06 min Scan# 312  
 Delta R.T. -0.00 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

Tot Ion: 59 Resp: 147234  
 Ion Ratio Lower Upper  
 59 100  
 57 10.5 8.3 12.5

Manual Integrations  
 APPROVED

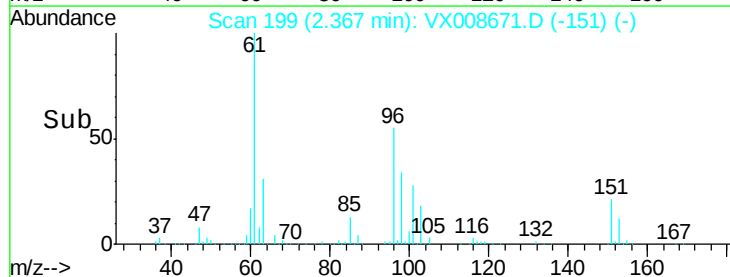
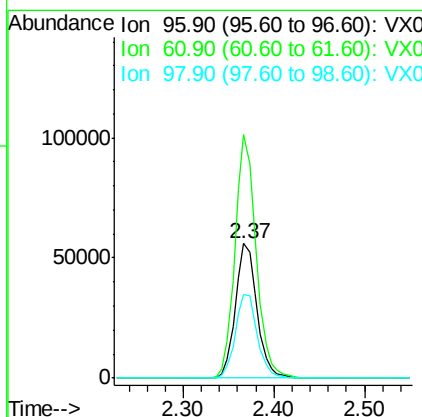
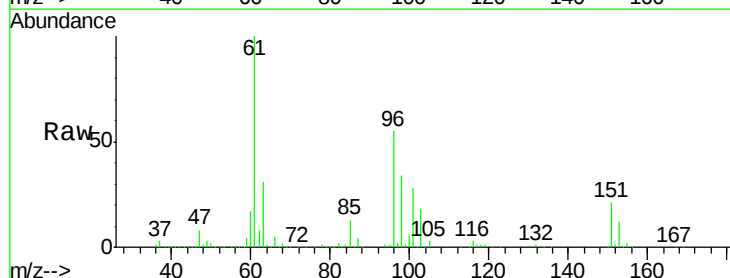
MMDadoda  
 4/5/2019 10:53:38 AM

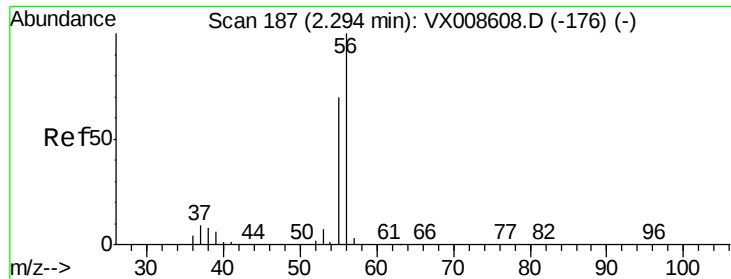


#12

1,1-Dichloroethene  
 Concen: 45.441 ug/l  
 RT: 2.37 min Scan# 199  
 Delta R.T. -0.01 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

Tgt Ion: 96 Resp: 92518  
 Ion Ratio Lower Upper  
 96 100  
 61 181.0 140.9 211.3  
 98 62.5 52.1 78.1





#13

Acrolein

Concen: 171.347 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 51094

Ion Ratio Lower Upper

56 100

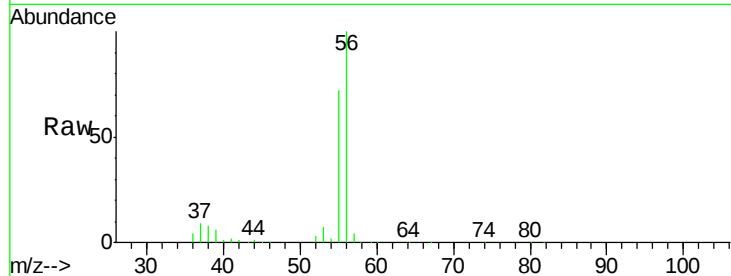
55 71.6 58.0 87.0

Manual Integrations

APPROVED

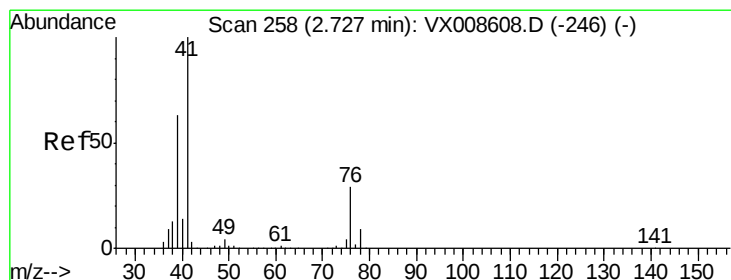
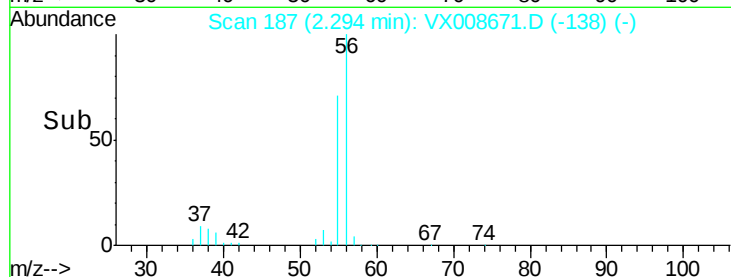
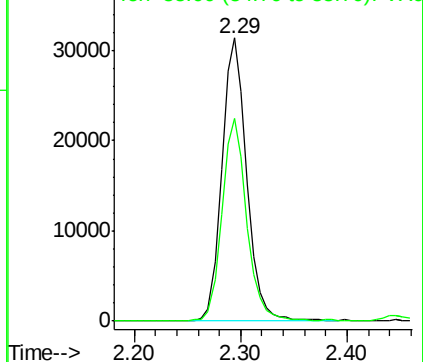
MMDadoda

4/5/2019 10:53:38 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.454 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

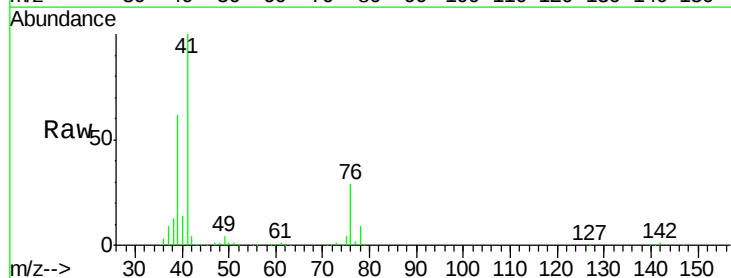
Tgt Ion: 41 Resp: 207200

Ion Ratio Lower Upper

41 100

39 58.9 48.0 72.0

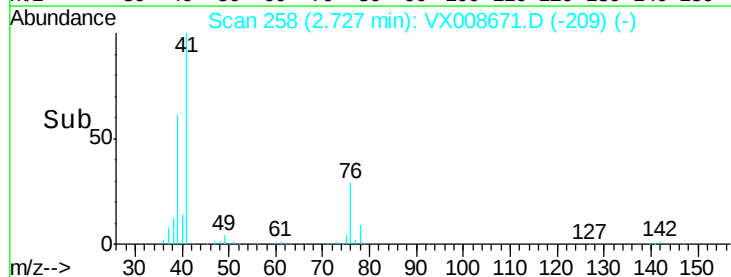
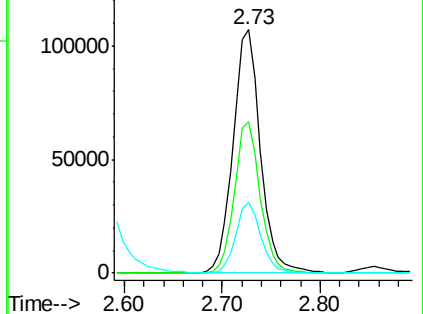
76 27.1 22.0 33.0

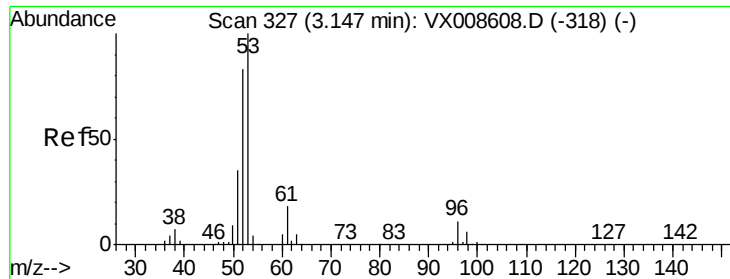


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 230.641 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

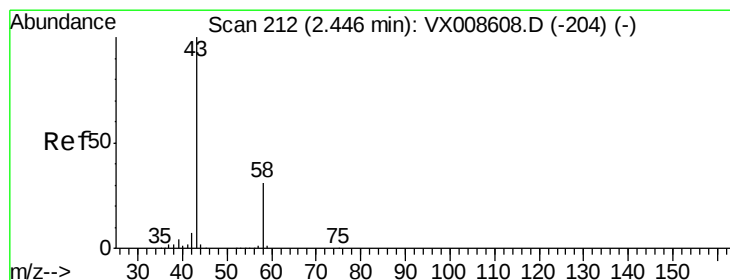
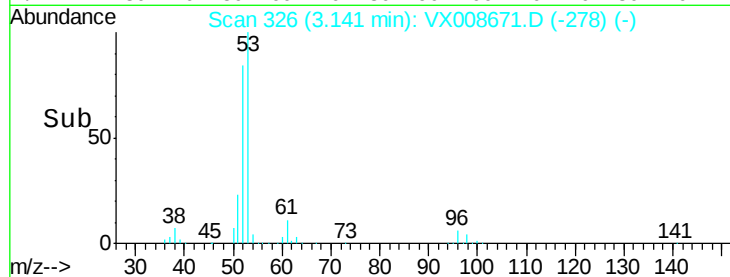
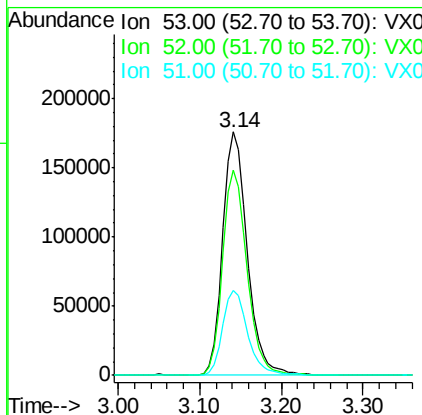
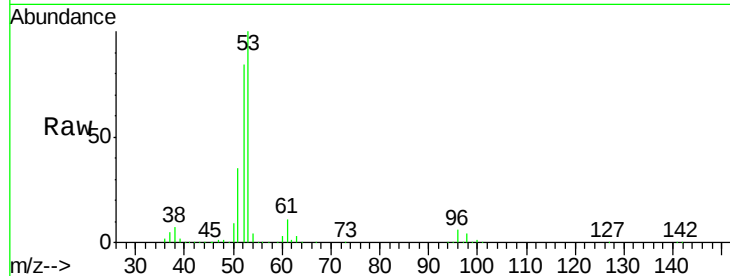
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 367440 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.8  | 66.5  | 99.7   |
| 51       | 35.6  | 28.6  | 42.8   |

Manual Integrations  
APPROVED

MMDadoda  
4/5/2019 10:53:38 AM



#16

Acetone

Concen: 213.630 ug/l

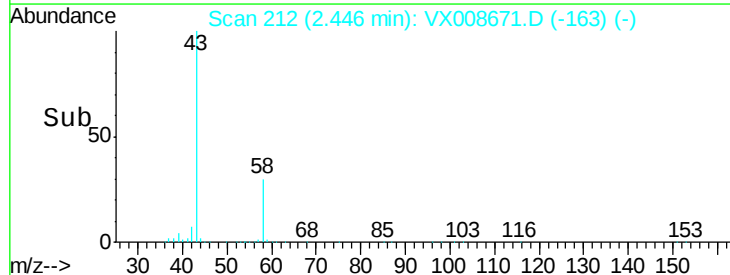
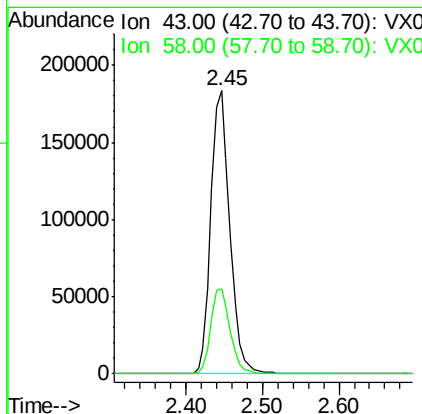
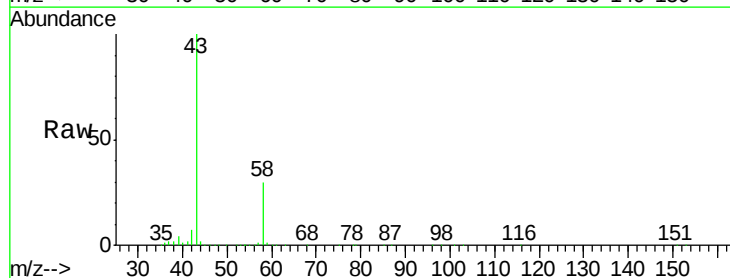
RT: 2.45 min Scan# 212

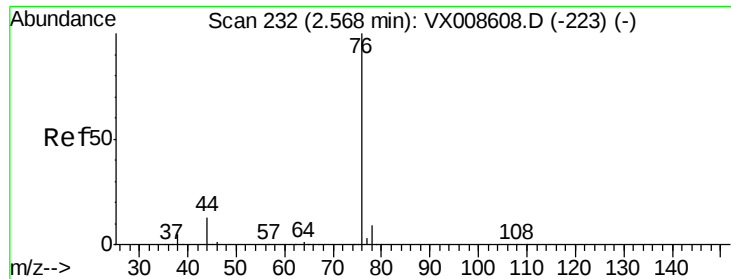
Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 316066 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.2  | 24.8  | 37.2   |





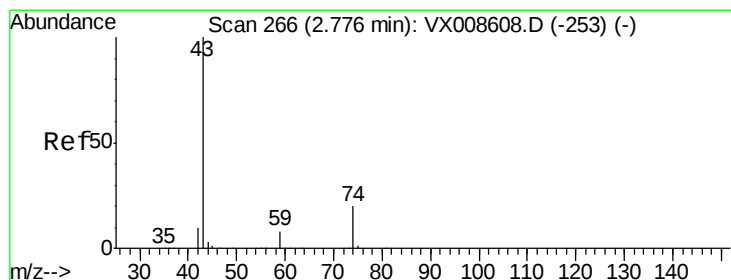
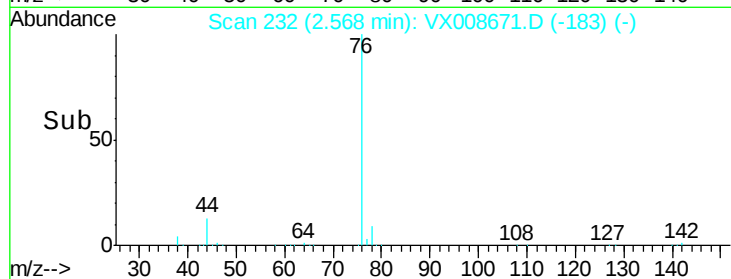
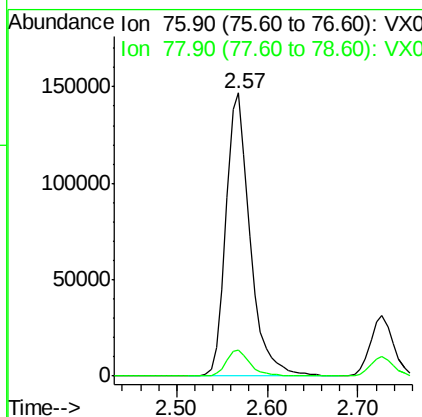
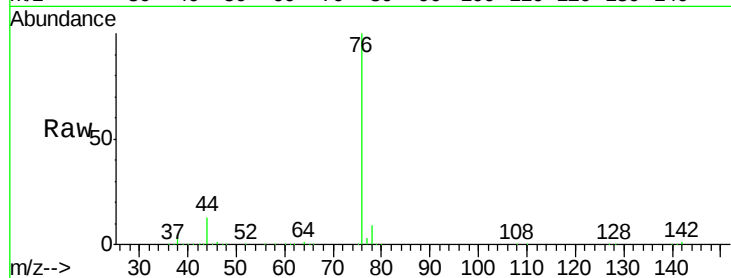
#17  
Carbon Disulfide  
Concen: 46.023 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. 0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.1   | 10.7  |

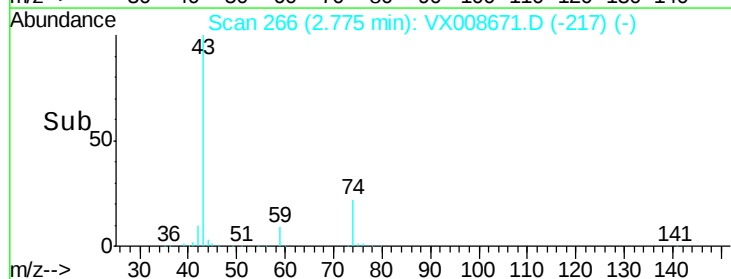
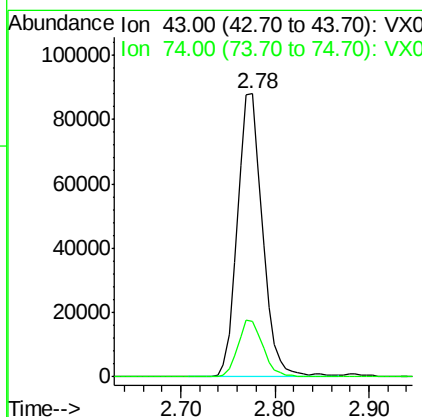
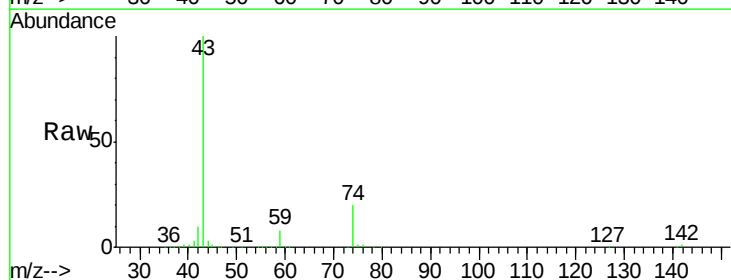
Manual Integrations  
APPROVED

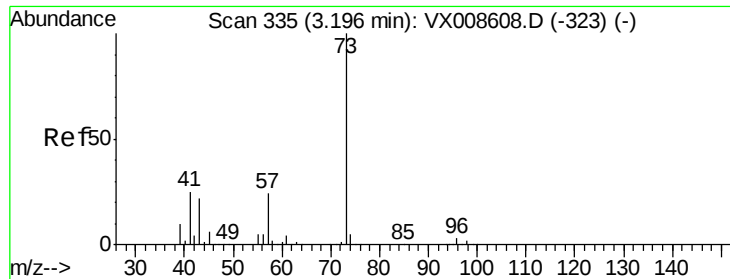
MMDadoda  
4/5/2019 10:53:38 AM



#18  
Methyl Acetate  
Concen: 45.508 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 20.4  | 16.5  | 24.7  |





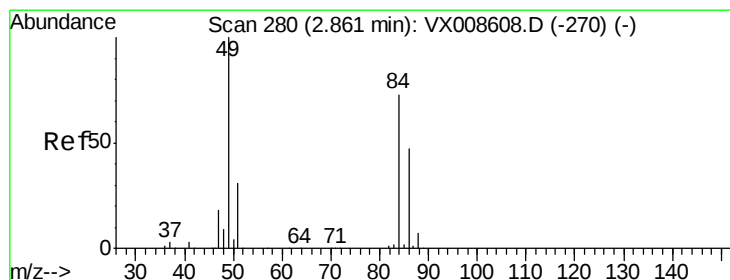
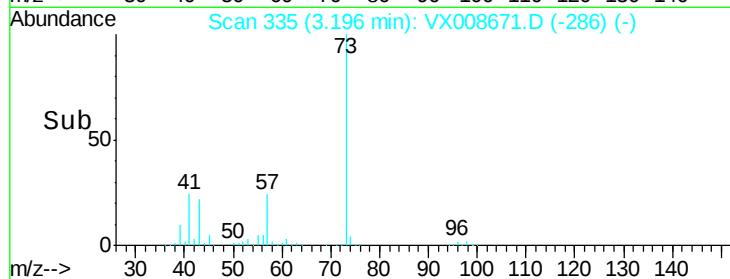
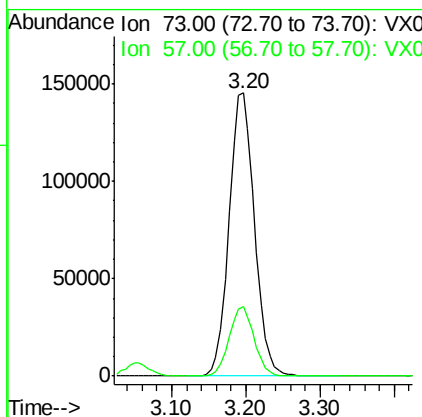
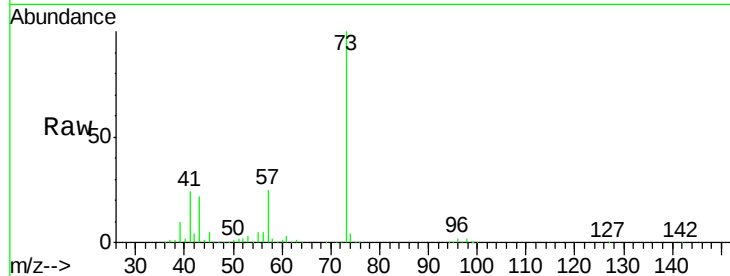
#19  
Methvl tert-butvl Ether  
Concen: 47.696 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 73   | Resp  | 346801 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 73        | 100  |       |        |
| 57        | 24.5 | 19.5  | 29.3   |

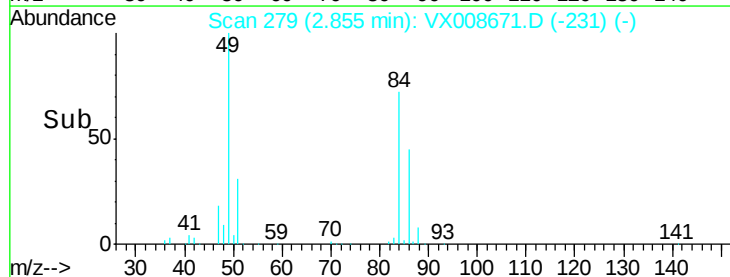
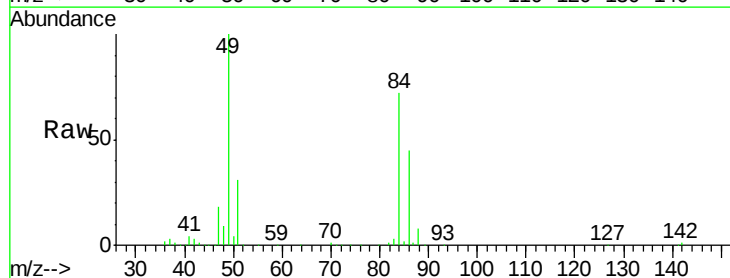
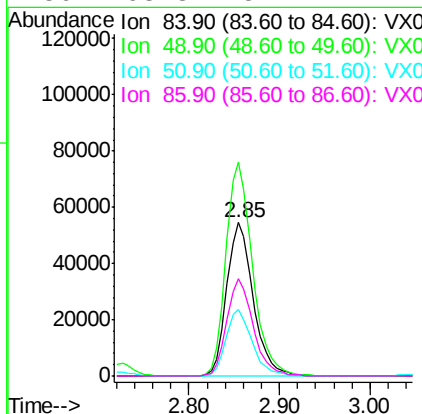
Manual Integrations  
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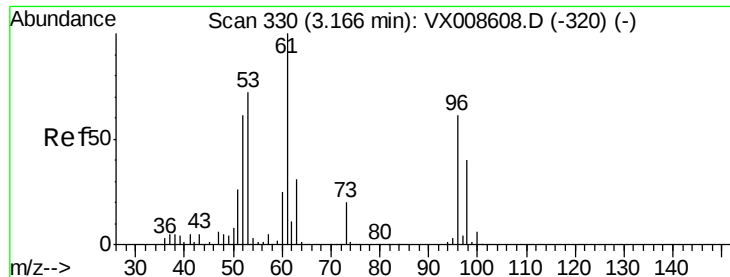
MMDadoda  
4/5/2019 10:53:38 AM



#20  
Methylene Chloride  
Concen: 44.769 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.01 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

| Tgt Ion   | 84    | Resp  | 110872 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 84        | 100   |       |        |
| 49        | 139.5 | 109.7 | 164.5  |
| 51        | 43.7  | 33.6  | 50.4   |
| 86        | 63.3  | 51.4  | 77.2   |





#21

trans-1,2-Dichloroethene

Concen: 44.120 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 97166

Ion Ratio Lower Upper

96 100

61 157.3 132.1 198.1

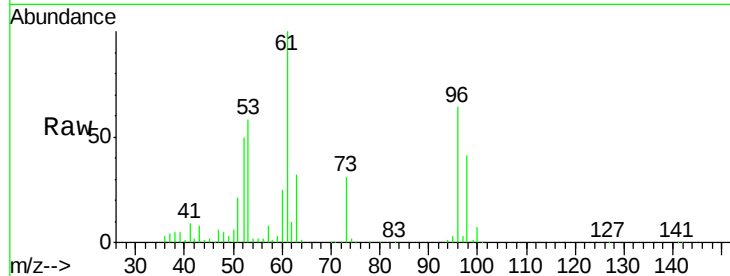
98 63.9 52.2 78.2

Manual Integrations

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MMDadoda

4/5/2019 10:53:38 AM

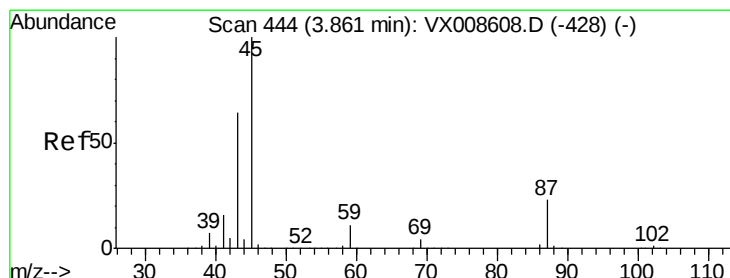
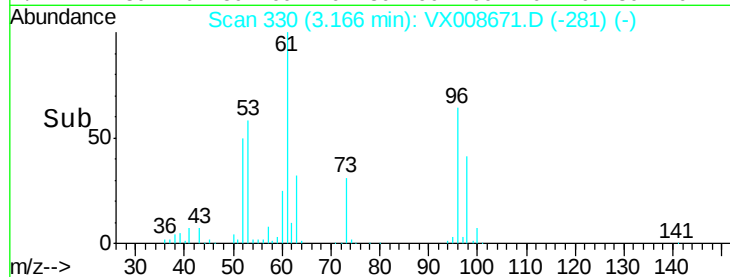
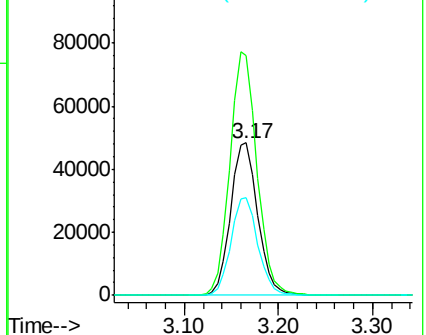


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.962 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Tgt Ion: 45 Resp: 421884

Ion Ratio Lower Upper

45 100

43 70.7 51.3 76.9

87 22.1 18.1 27.1

59 10.8 8.6 13.0

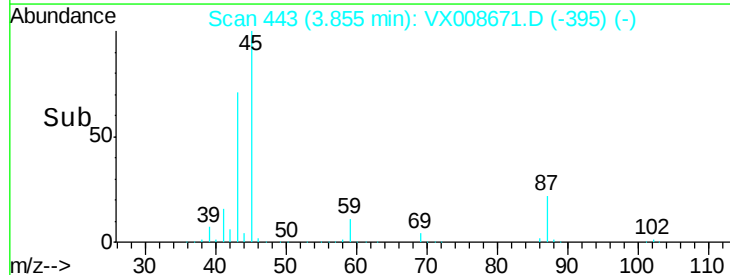
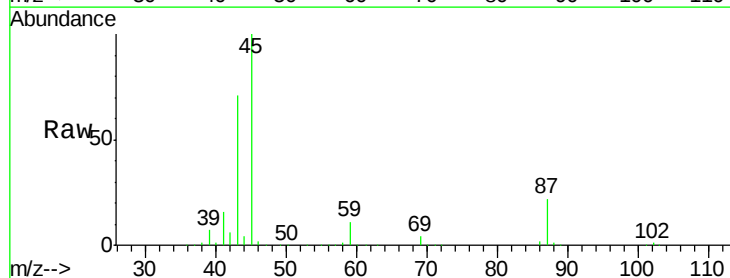
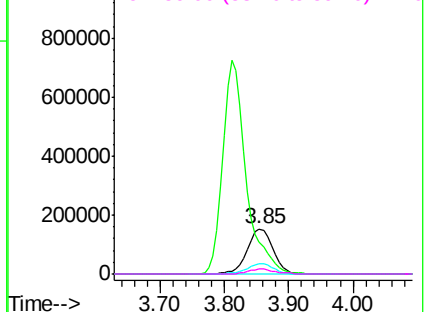
Abundance

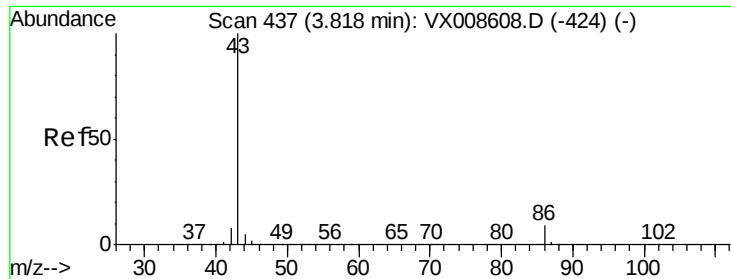
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 237.418 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1855449

Ion Ratio Lower Upper

43 100

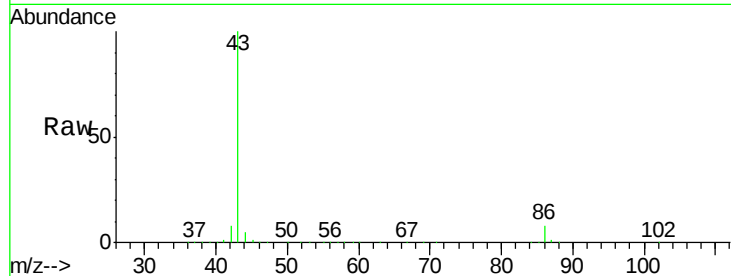
86 8.4 7.0 10.6

Manual Integrations

APPROVED

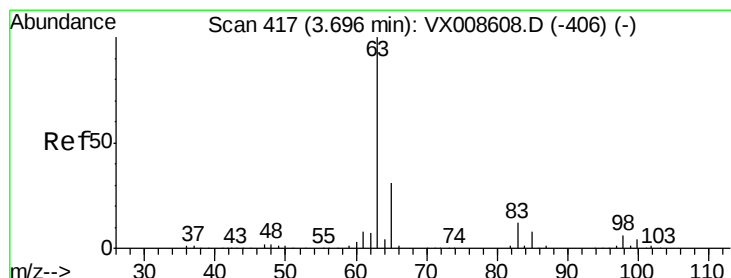
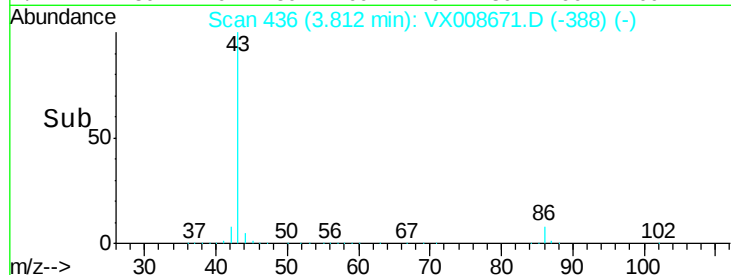
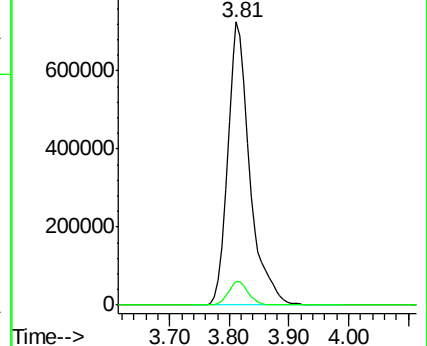
MMDadoda

4/5/2019 10:53:38 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.076 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

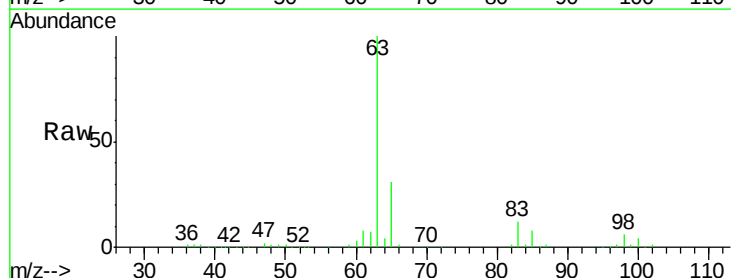
Tgt Ion: 63 Resp: 204938

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

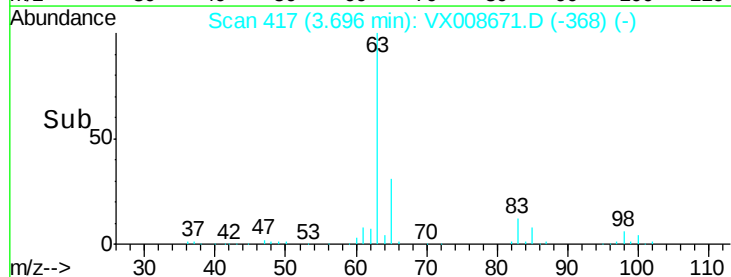
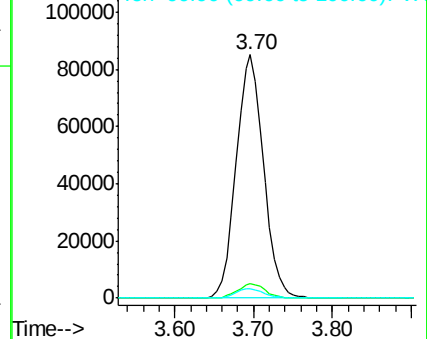
100 3.7 1.8 5.5

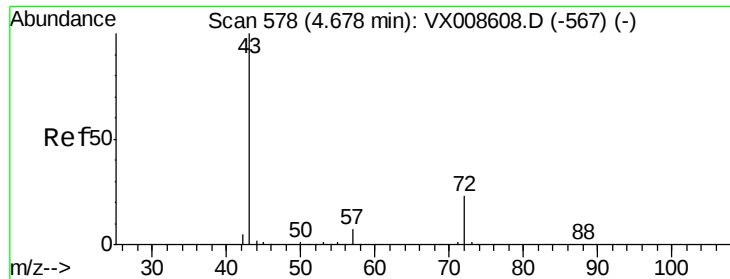


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 232.247 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Tot Ion: 43 Resp: 543085

Ion Ratio Lower Upper

43 100

72 22.8 18.2 27.4

Instrument :

MSVOA\_X

ClientSampleId :

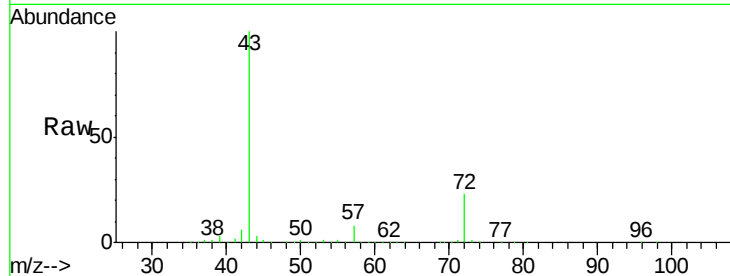
VSTDCCC050EC

Manual Integrations

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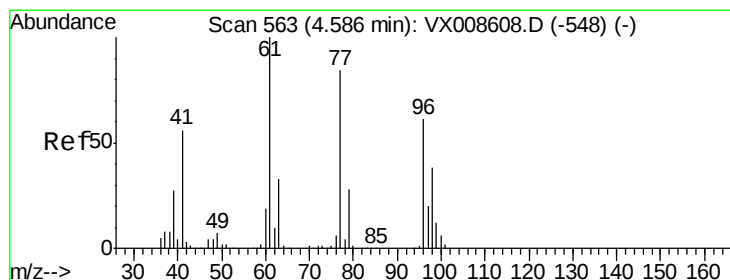
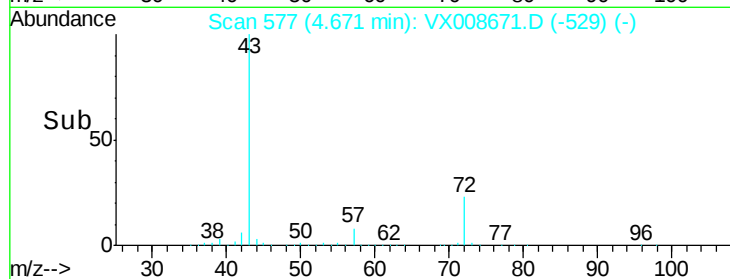
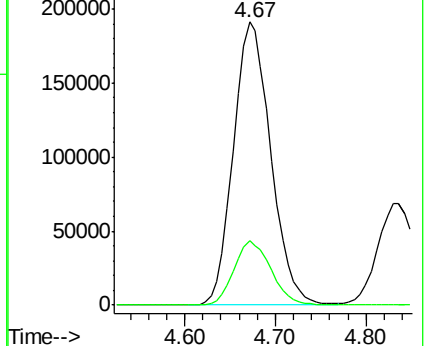
MMDadoda

4/5/2019 10:53:38 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 32.501 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008671.D

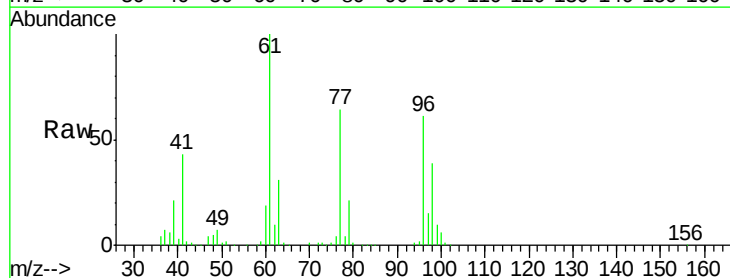
Acq: 05 Apr 2019 05:42

Tgt Ion: 77 Resp: 101815

Ion Ratio Lower Upper

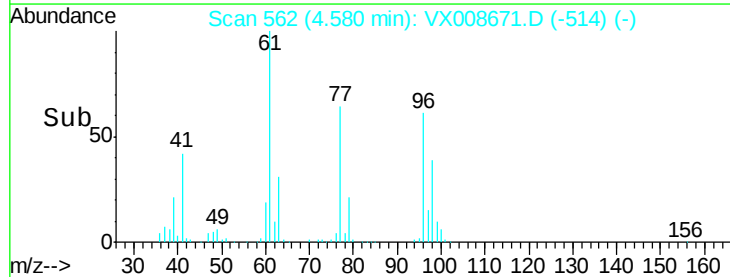
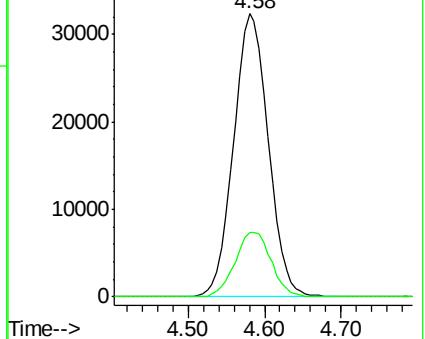
77 100

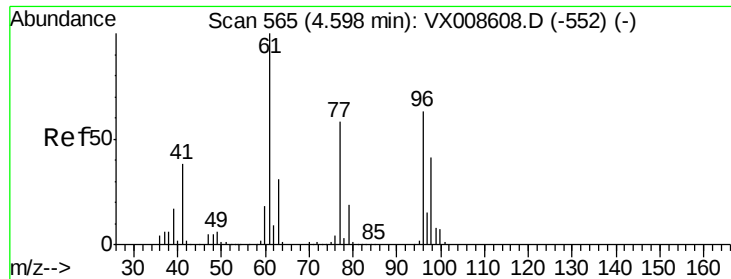
97 23.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

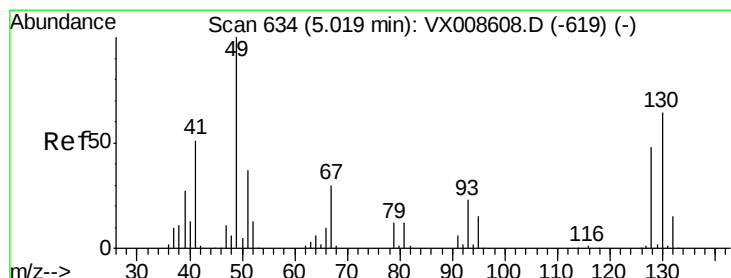
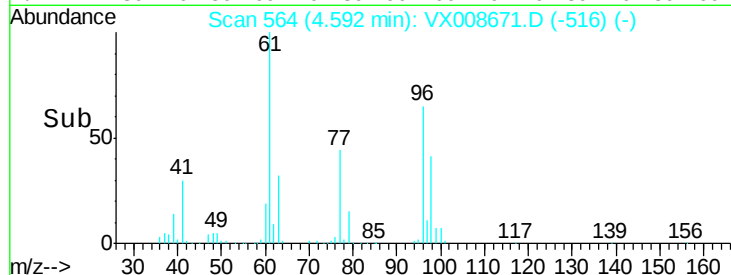
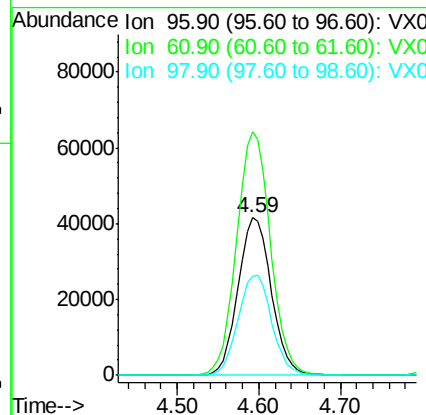
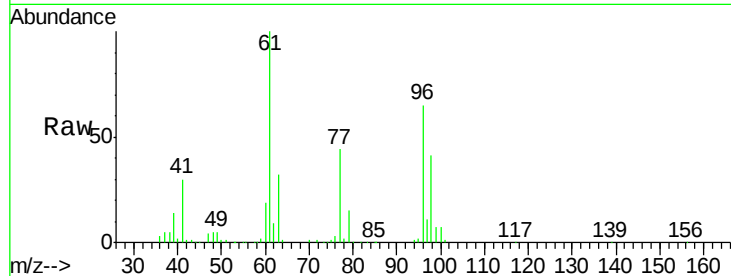
cis-1,2-Dichloroethene  
Concen: 46.398 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 157.5 | 0.0   | 327.6 |
| 98      | 64.4  | 0.0   | 128.6 |

Manual Integrations  
APPROVED

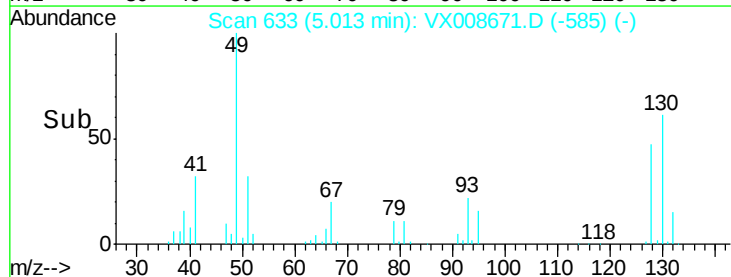
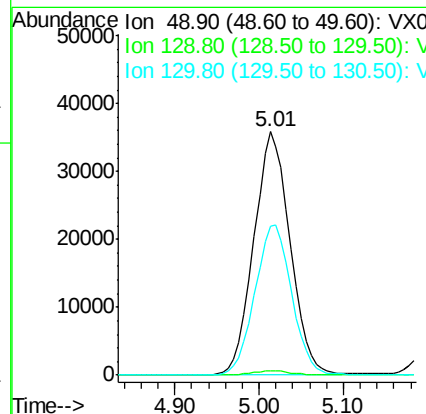
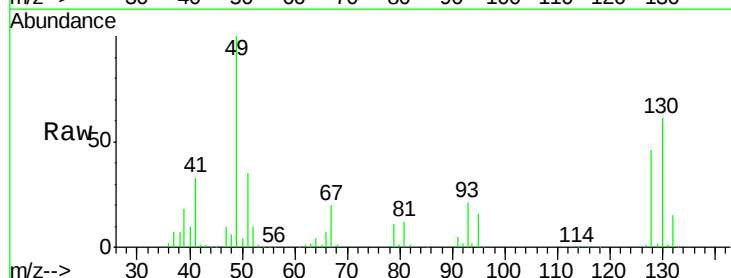
MMDadoda  
4/5/2019 10:53:38 AM

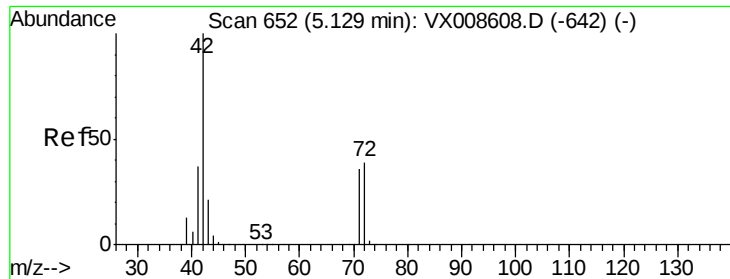


#28

Bromochloromethane  
Concen: 57.214 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. -0.01 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.7   | 0.0   | 3.6   |
| 130     | 62.7  | 49.3  | 73.9  |





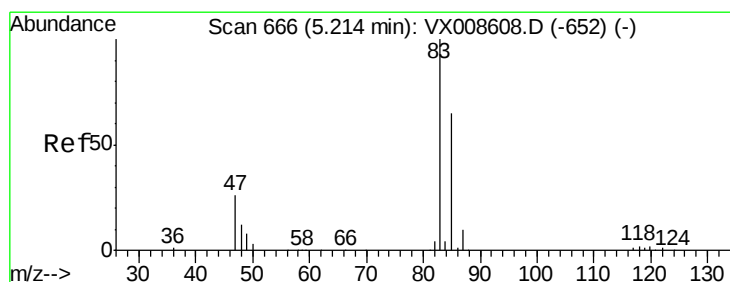
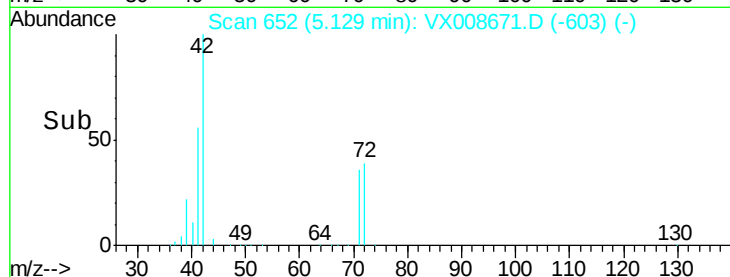
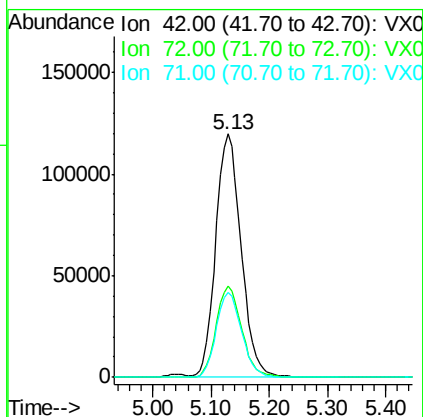
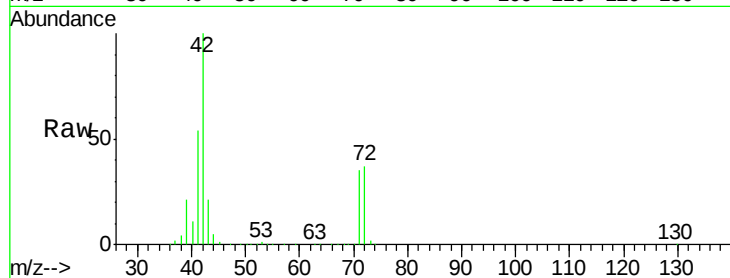
#29  
Tetrahydrofuran  
Concen: 232.009 ug/l  
RT: 5.13 min Scan# 652  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 38.0  | 30.5  | 45.7  |
| 71      | 35.3  | 28.6  | 43.0  |

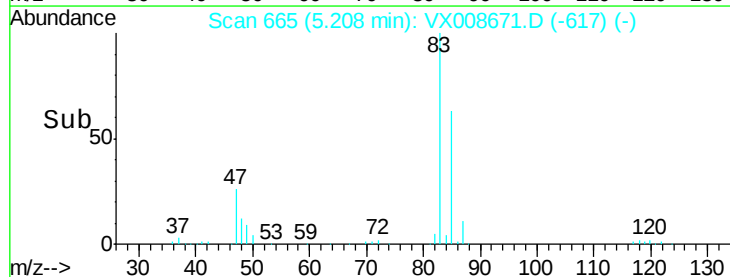
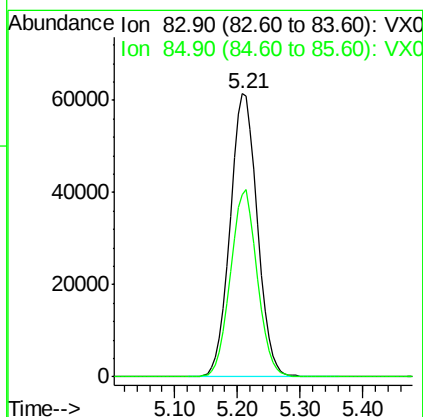
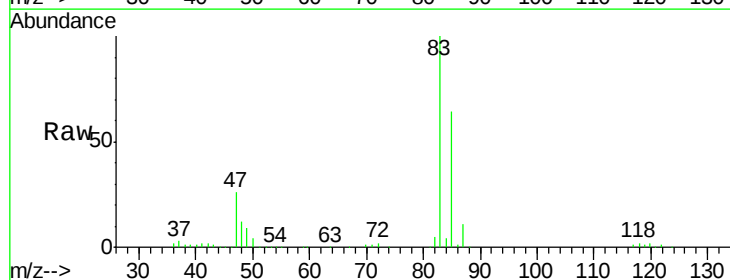
Manual Integrations  
APPROVED

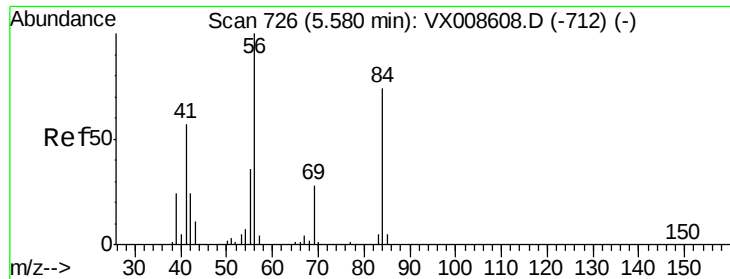
MMDadoda  
4/5/2019 10:53:38 AM



#30  
Chloroform  
Concen: 46.464 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.4  | 52.1  | 78.1  |





#31

Cyclohexane

Concen: 44.730 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

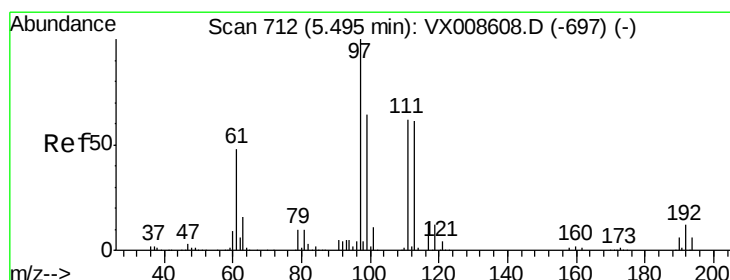
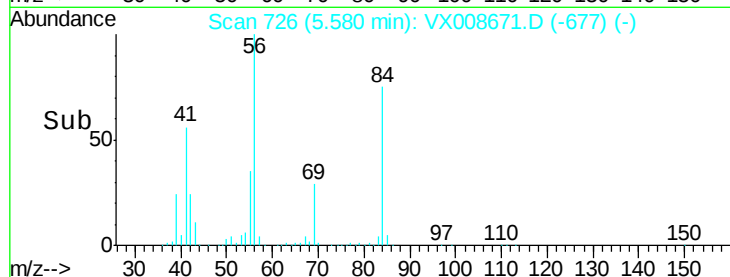
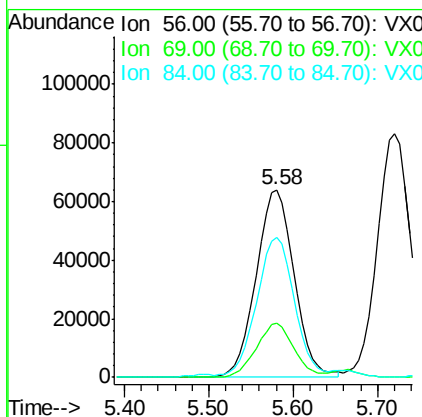
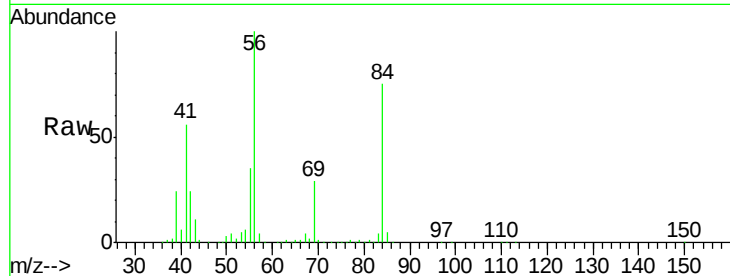
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 198521 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 28.8  | 22.6  | 33.8   |
| 84        | 74.1  | 59.3  | 88.9   |

Manual Integrations  
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MMDadoda  
4/5/2019 10:53:38 AM



#32

1,1,1-Trichloroethane

Concen: 47.090 ug/l

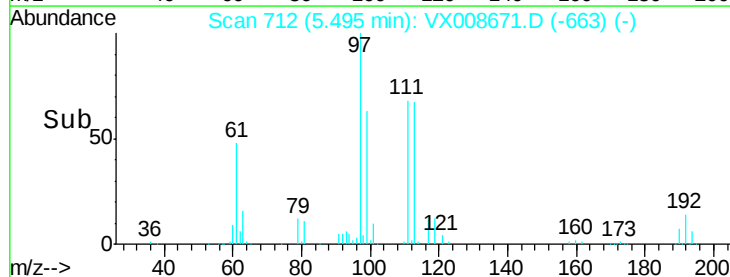
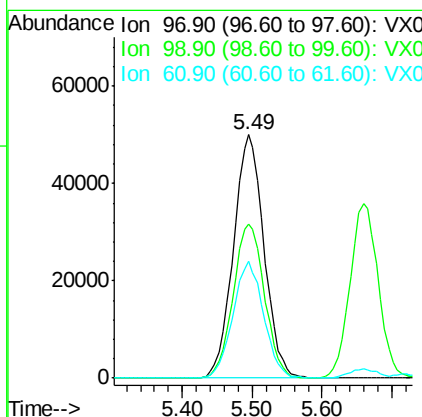
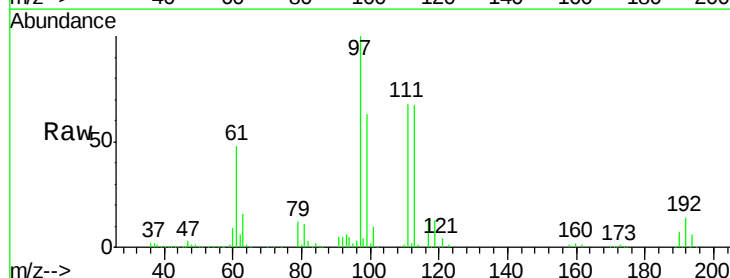
RT: 5.49 min Scan# 712

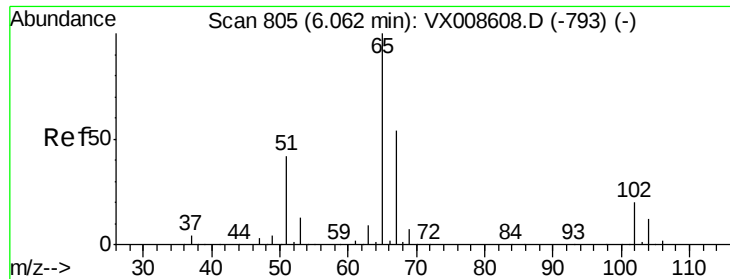
Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 151173 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 64.8  | 51.3  | 76.9   |
| 61        | 48.4  | 38.9  | 58.3   |





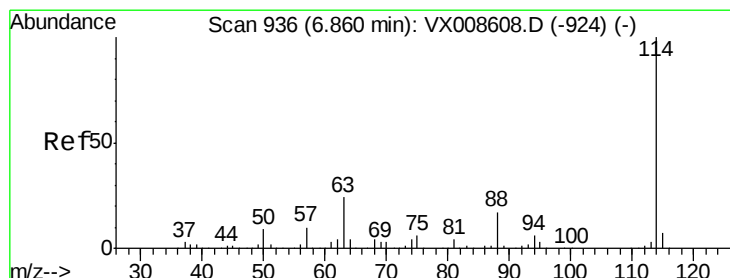
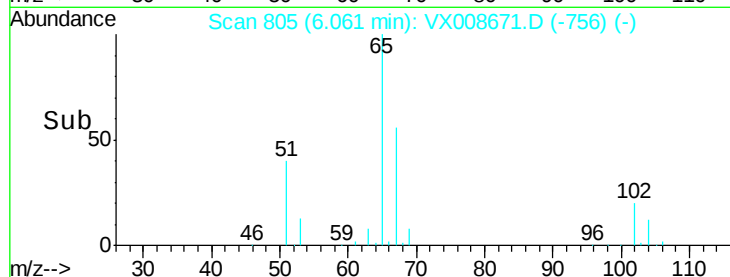
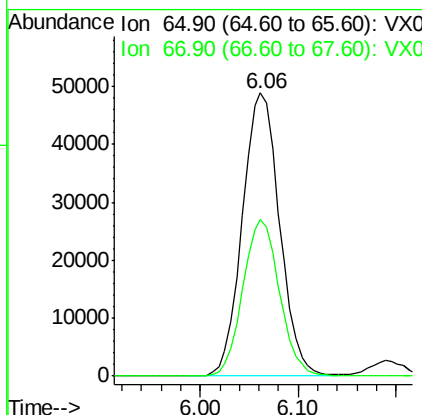
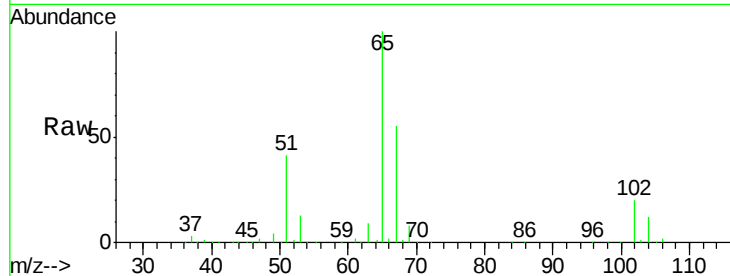
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.493 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 54.4  | 0.0   | 107.2 |

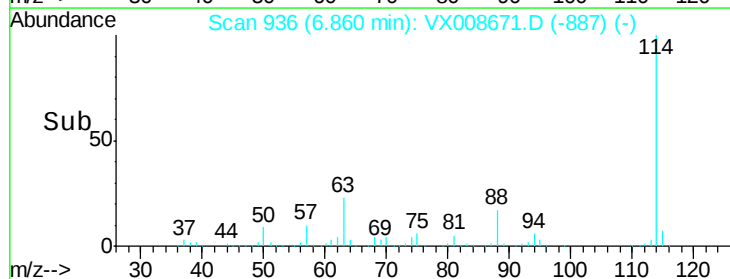
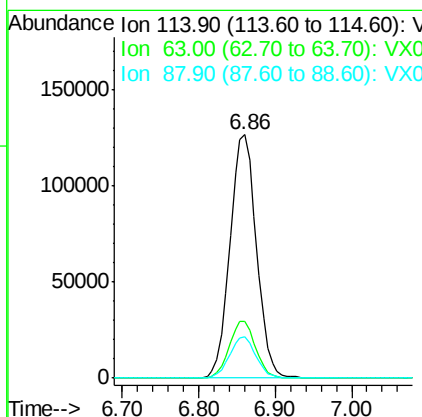
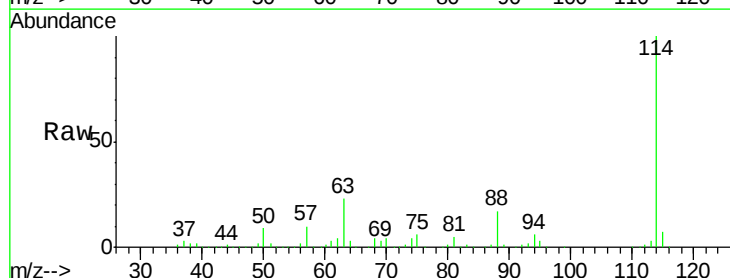
Manual Integrations  
 APPROVED

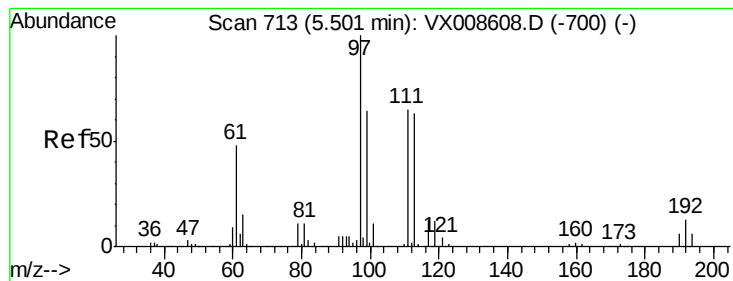
MMDadoda  
 4/5/2019 10:53:38 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 23.2  | 0.0   | 47.2  |
| 88      | 17.1  | 0.0   | 34.0  |





#35

Dibromofluoromethane

Concen: 49.436 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

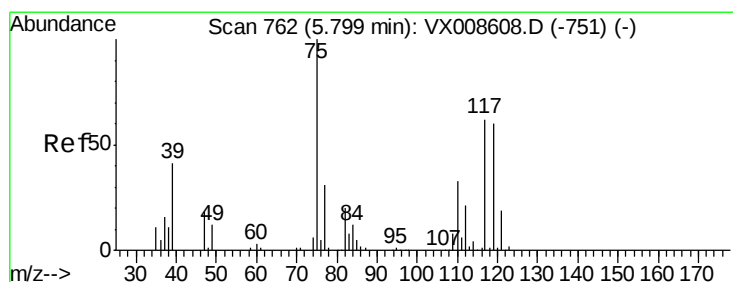
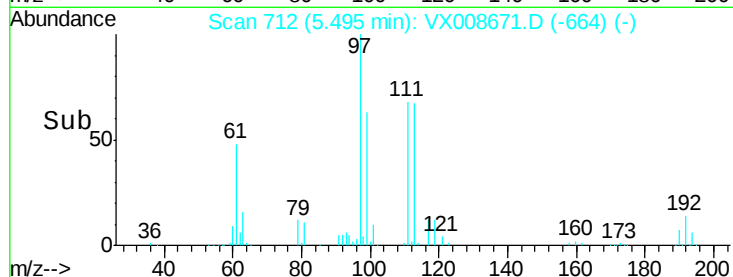
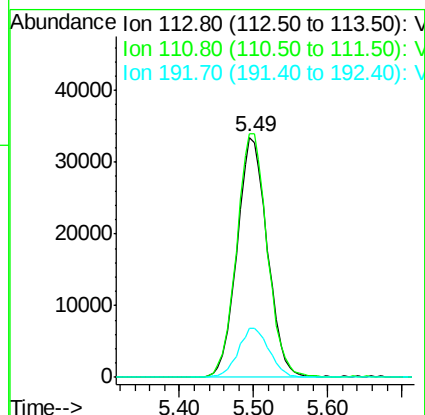
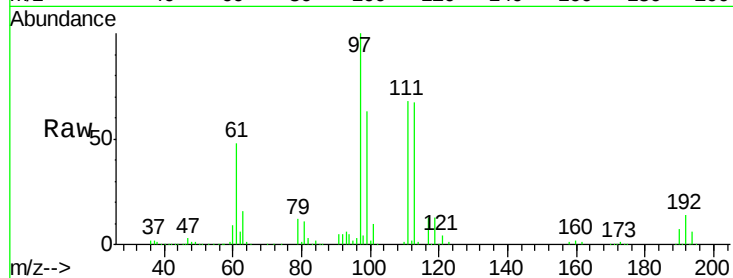
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 95776 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.5 | 83.4  | 125.2 |
| 192      | 21.0  | 16.1  | 24.1  |

Manual Integrations  
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MMDadoda  
4/5/2019 10:53:38 AM



#36

1,1-Dichloropropene

Concen: 43.182 ug/l

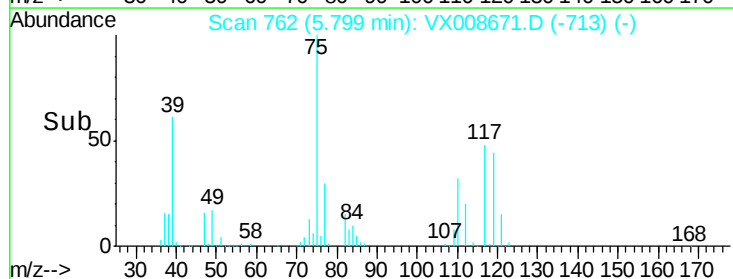
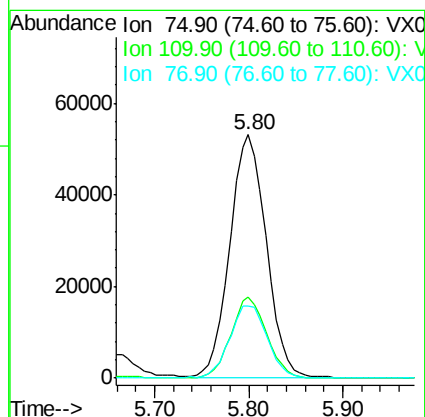
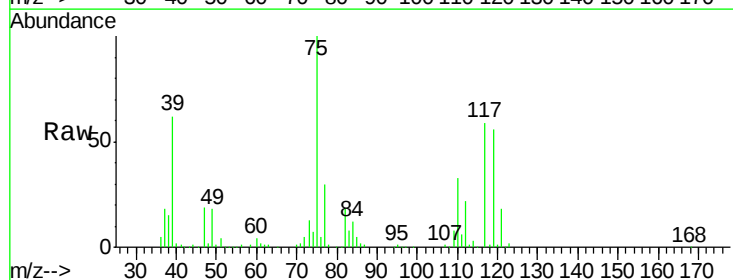
RT: 5.80 min Scan# 762

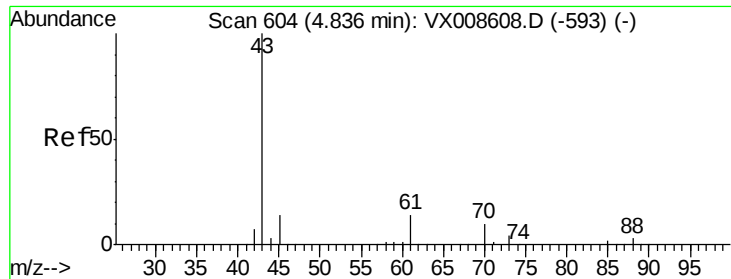
Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 143031 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 32.8  | 16.4  | 49.2   |
| 77       | 31.1  | 24.7  | 37.1   |





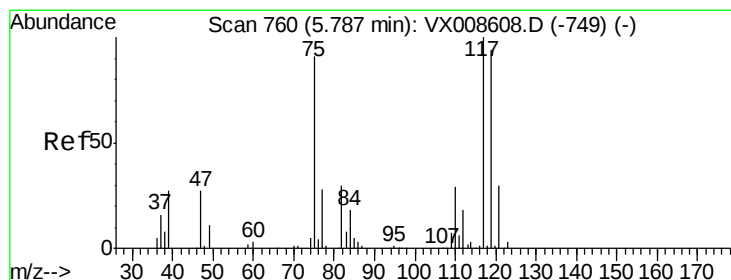
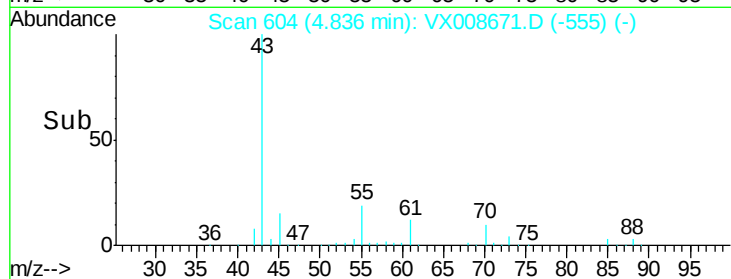
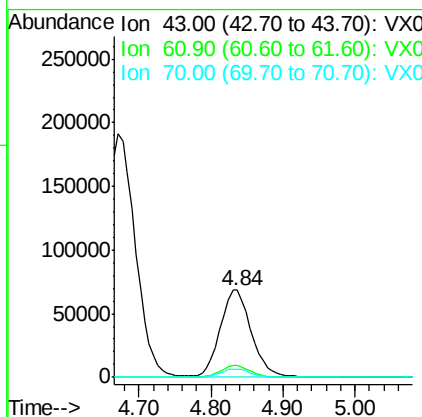
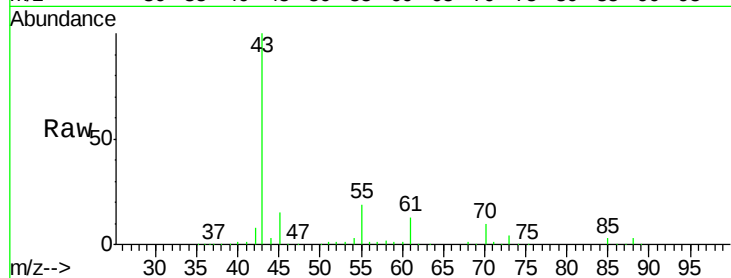
#37  
Ethyl Acetate  
Concen: 46.265 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.9  | 10.3  | 15.5  |
| 70      | 9.7   | 7.6   | 11.4  |

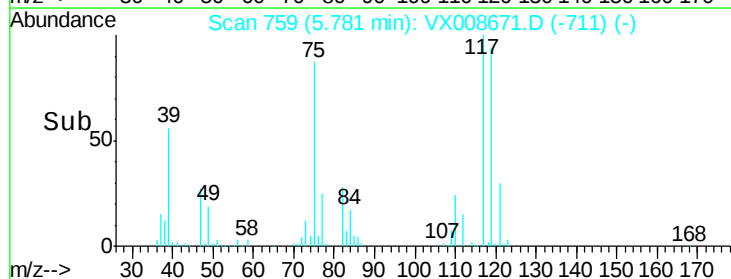
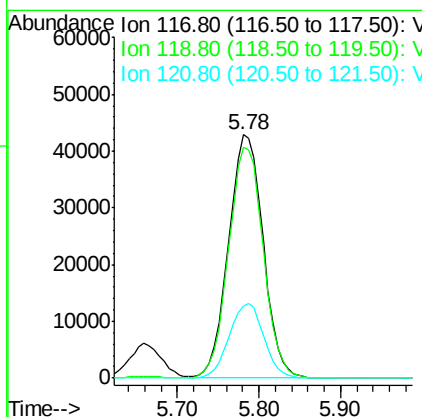
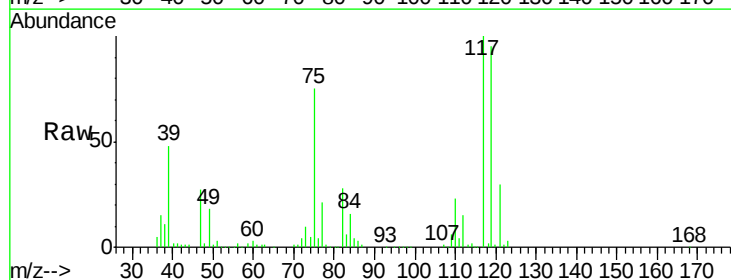
Manual Integrations  
APPROVED

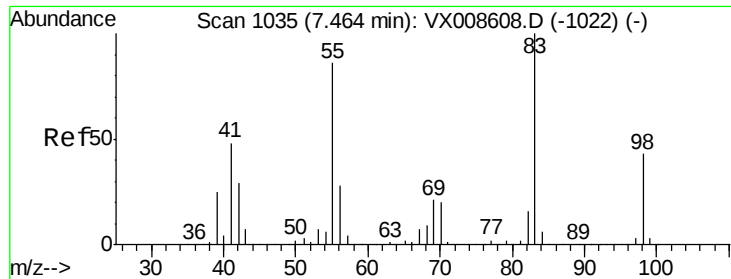
MMDadoda  
4/5/2019 10:53:38 AM



#38  
Carbon Tetrachloride  
Concen: 45.974 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.4  | 75.0  | 112.6 |
| 121     | 29.9  | 24.3  | 36.5  |





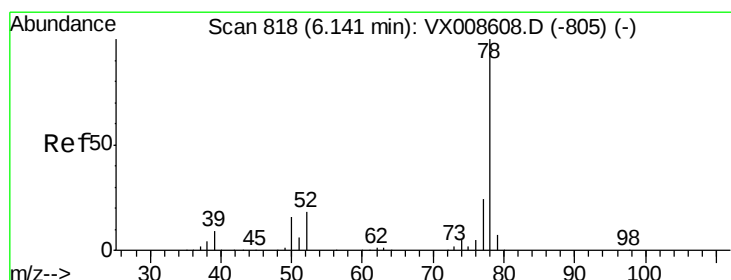
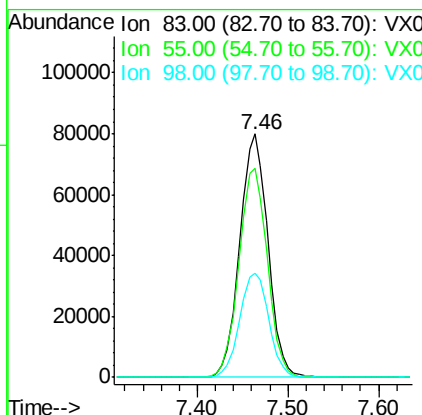
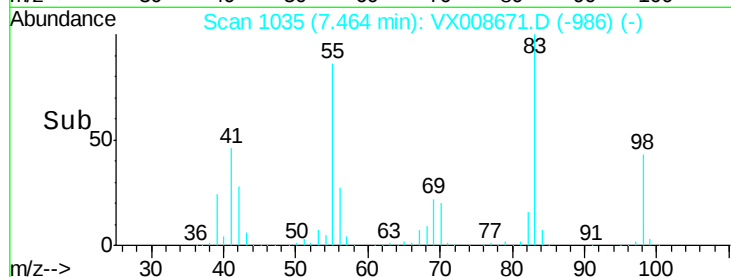
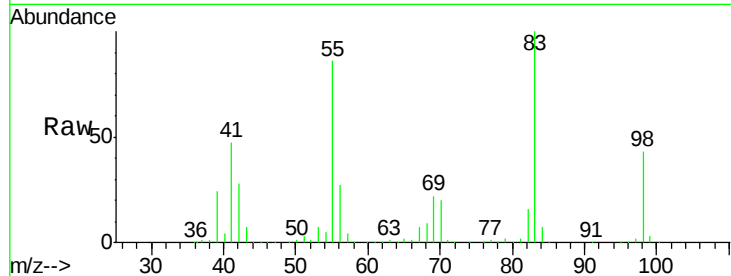
#39  
Methylvlcyclohexane  
Concen: 41.993 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 85.6  | 69.0  | 103.6 |
| 98      | 42.9  | 34.4  | 51.6  |

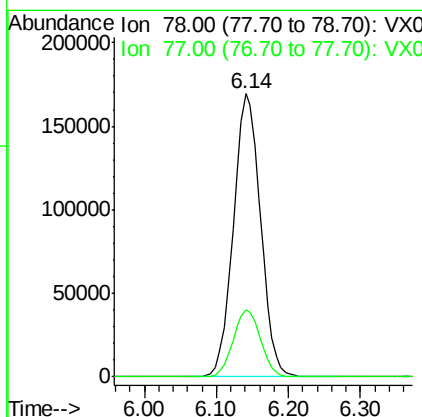
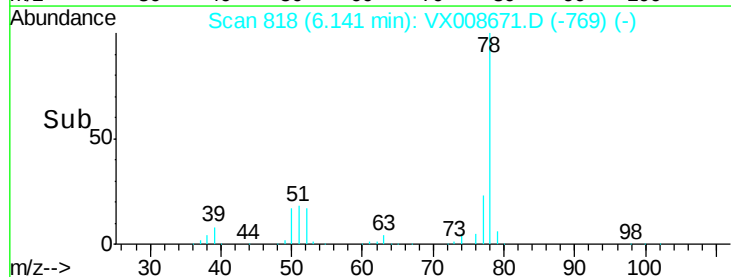
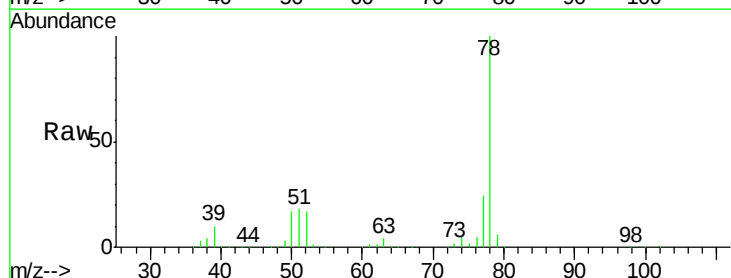
Manual Integrations  
APPROVED

MMDadoda  
4/5/2019 10:53:38 AM



#40  
Benzene  
Concen: 44.891 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 19.1  | 28.7  |





#41

Methacrylonitrile

Concen: 45.821 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 41 Resp: 116446

Ion Ratio Lower Upper

41 100

39 52.9 42.1 63.1

67 62.9 51.0 76.6

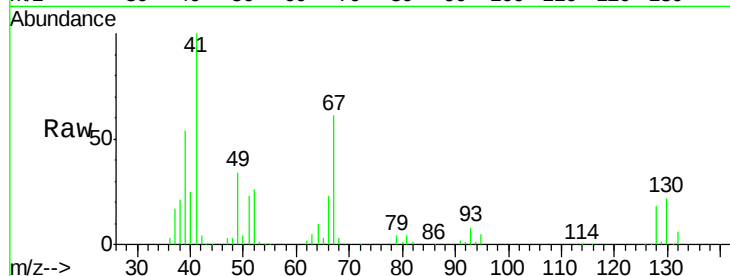
52 27.1 21.4 32.0

Manual Integrations

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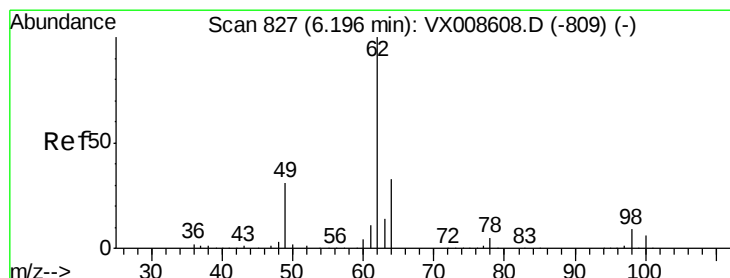
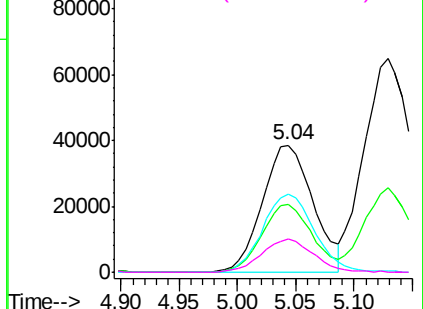
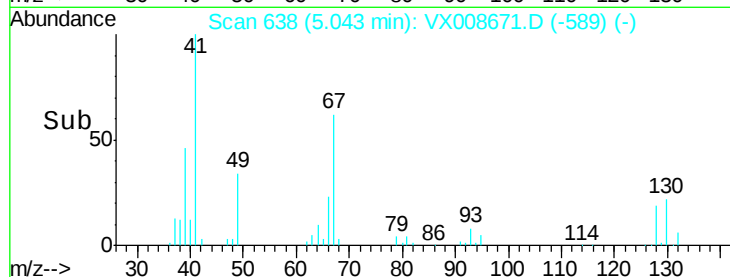


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 44.304 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008671.D

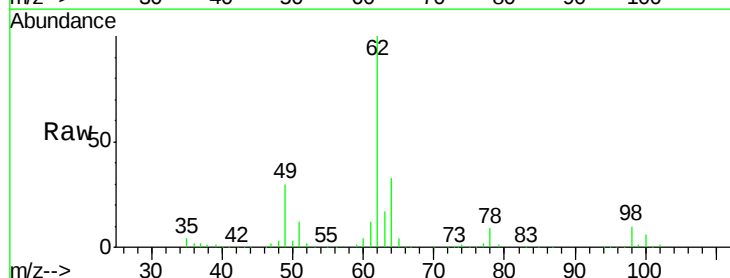
Acq: 05 Apr 2019 05:42

Tgt Ion: 62 Resp: 156729

Ion Ratio Lower Upper

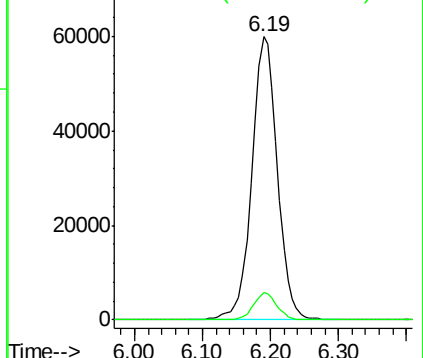
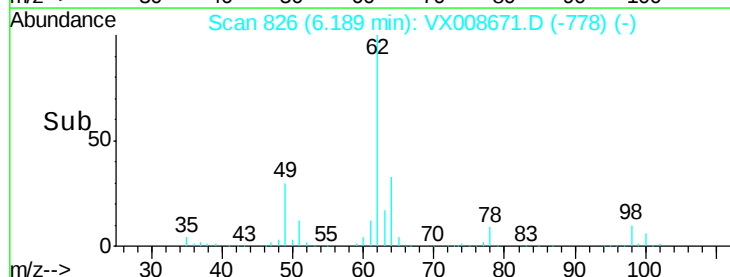
62 100

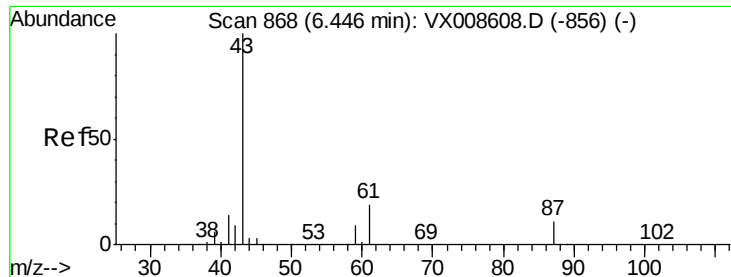
98 9.0 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.450 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

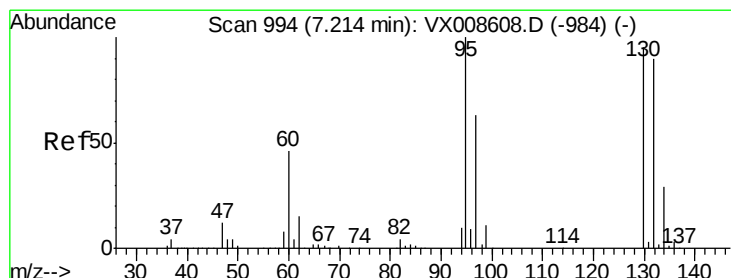
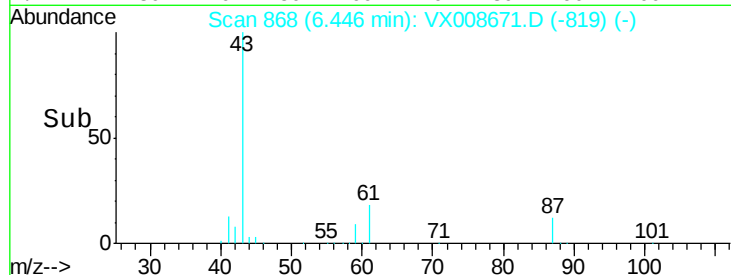
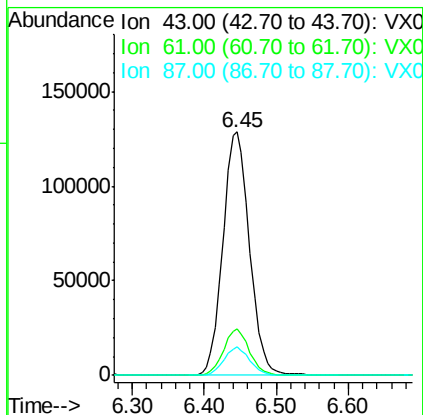
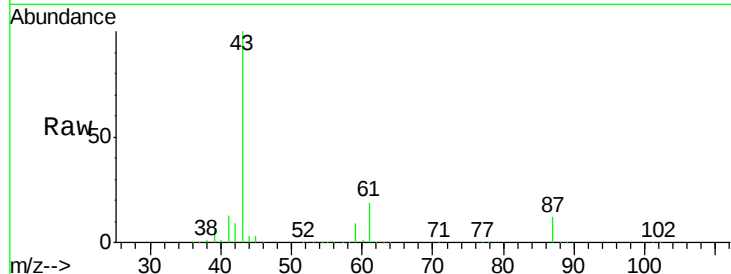
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 328628 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.8  | 15.3  | 22.9   |
| 87       | 11.2  | 9.0   | 13.6   |

Manual Integrations  
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4/5/2019 10:53:38 AM



#44

Trichloroethene

Concen: 45.026 ug/l

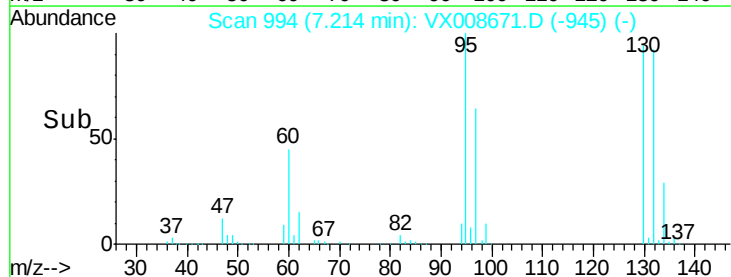
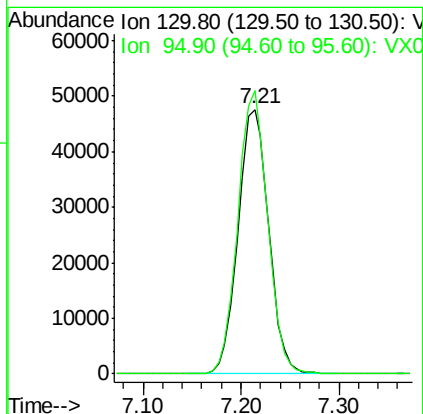
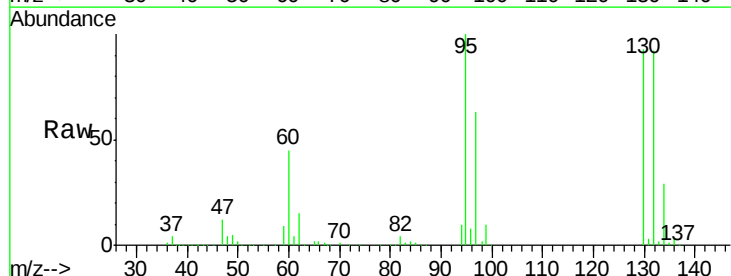
RT: 7.21 min Scan# 994

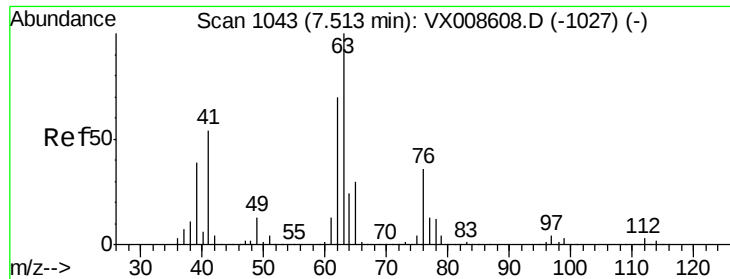
Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 103480 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 107.1 | 0.0   | 209.8  |





#45

1,2-Dichloropropane

Concen: 44.793 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 126157

Ion Ratio Lower Upper

63 100

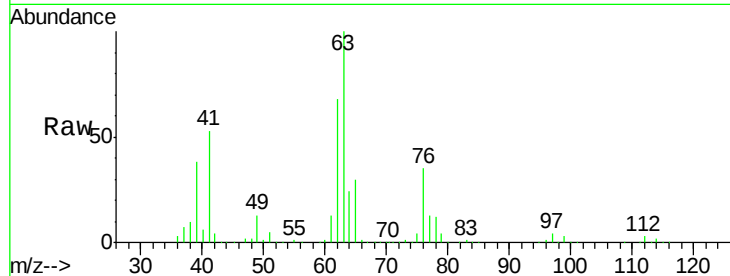
65 29.9 24.2 36.4

Manual Integrations

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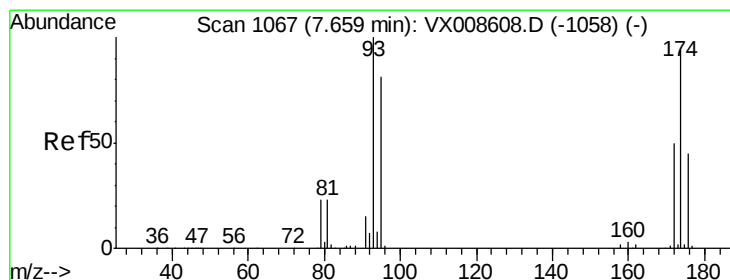
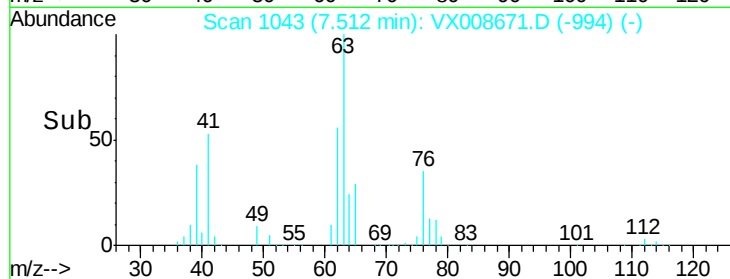
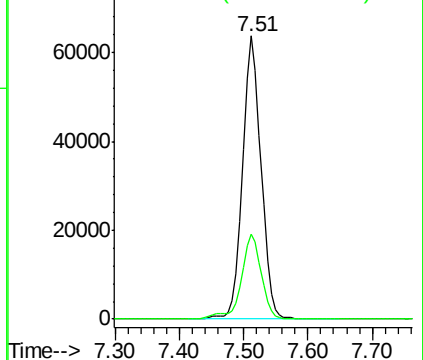
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 44.597 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

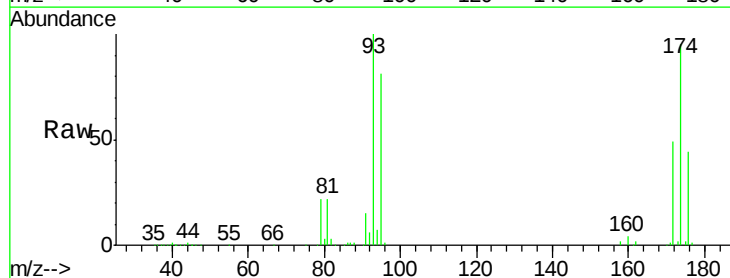
Tgt Ion: 93 Resp: 72850

Ion Ratio Lower Upper

93 100

95 81.6 66.6 99.8

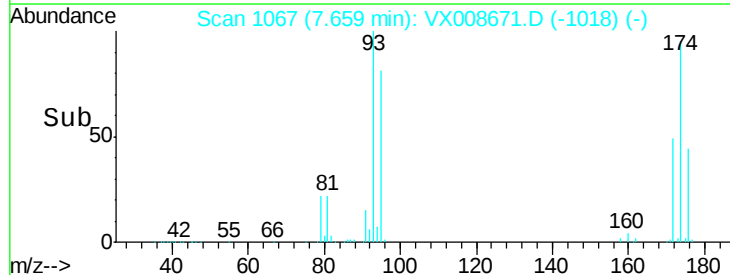
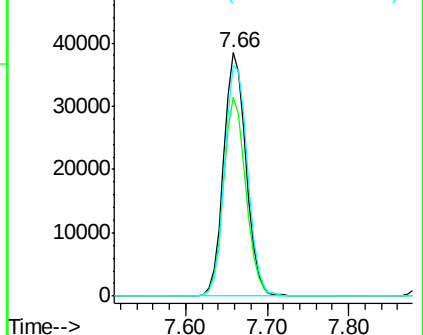
174 97.4 77.7 116.5

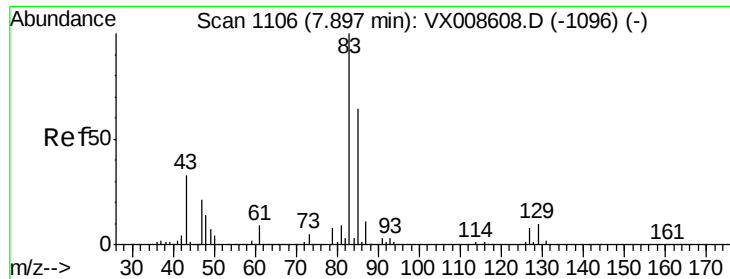


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.439 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 83 Resp: 143029

Ion Ratio Lower Upper

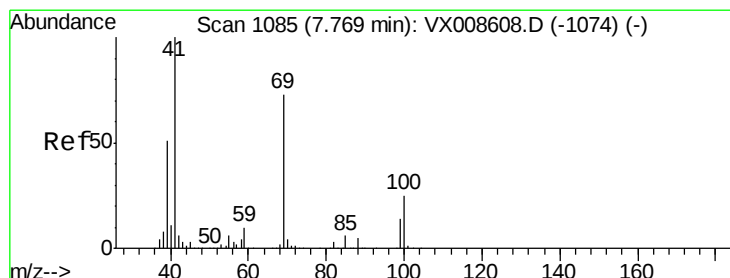
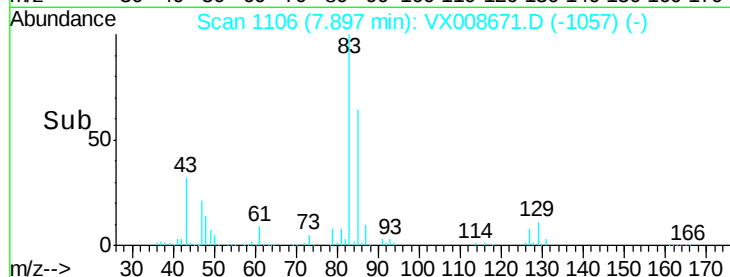
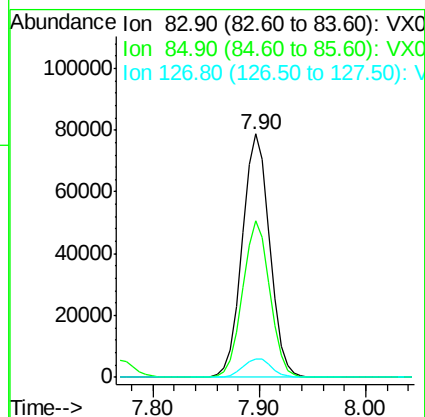
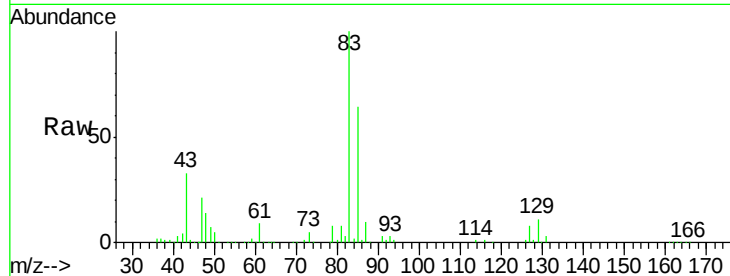
83 100

85 64.4 51.2 76.8

127 7.7 6.6 10.0

Manual Integrations  
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#48

Methyl methacrylate

Concen: 47.437 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

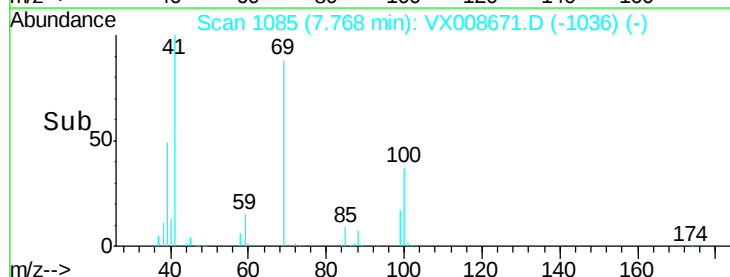
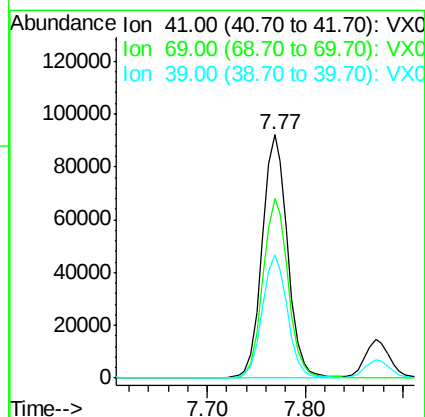
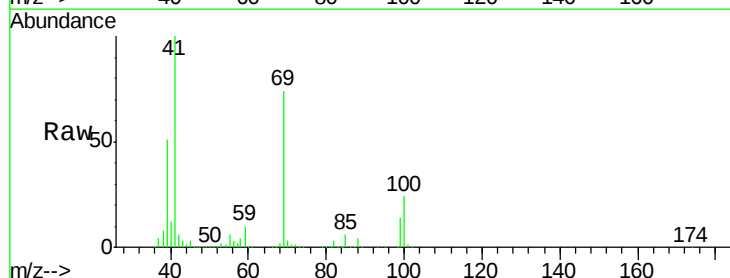
Tgt Ion: 41 Resp: 166190

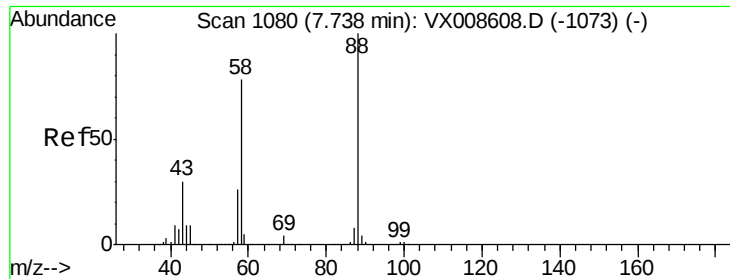
Ion Ratio Lower Upper

41 100

69 73.9 59.0 88.4

39 50.3 41.0 61.4





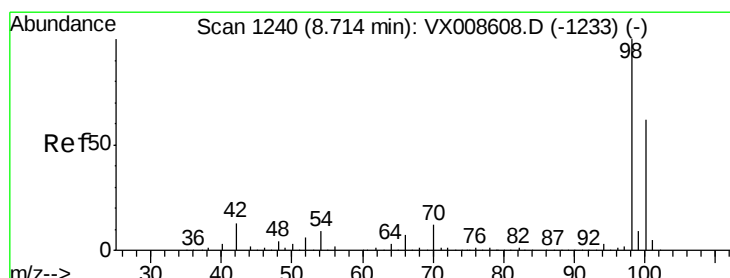
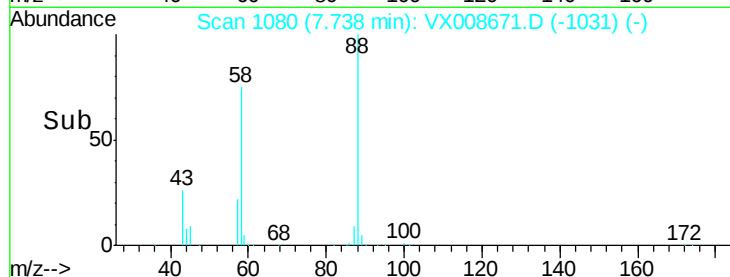
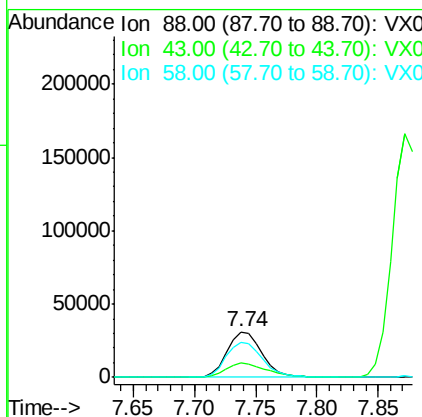
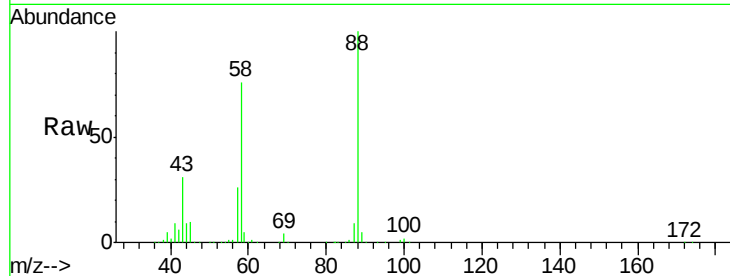
#49  
1,4-Dioxane  
Concen: 936.280 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 36.4  | 28.6  | 43.0  |
| 58      | 80.7  | 62.2  | 93.2  |

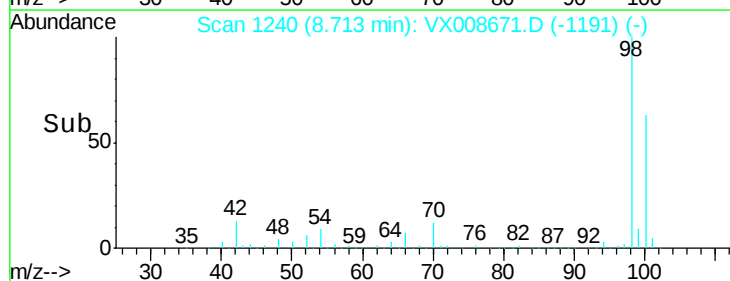
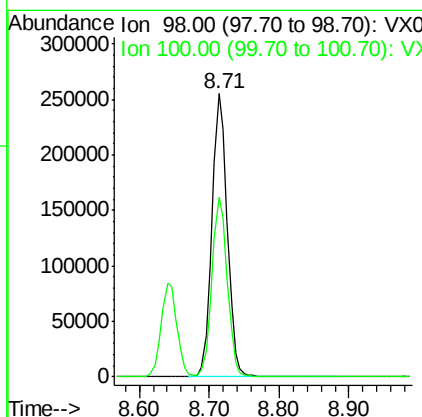
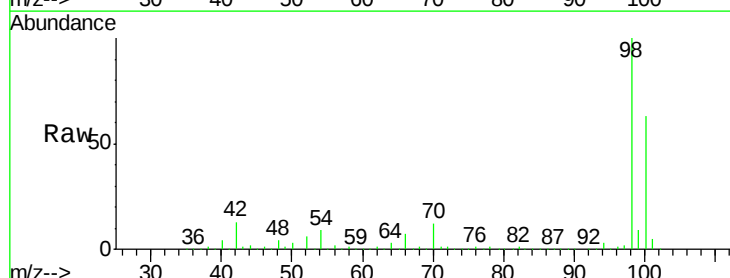
Manual Integrations  
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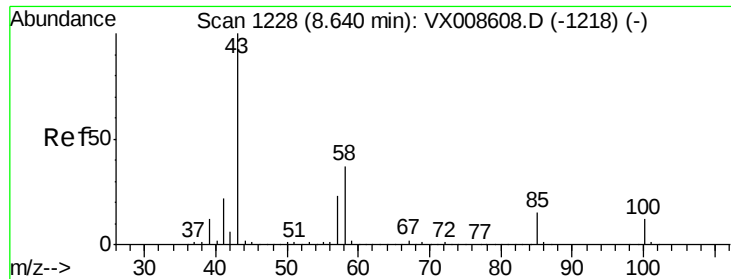
MMDadoda  
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#50  
Toluene-d8  
Concen: 50.456 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.9  | 51.4  | 77.0  |





#51

4-Methyl-2-Pentanone

Concen: 242.945 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1083145

Ion Ratio Lower Upper

43 100

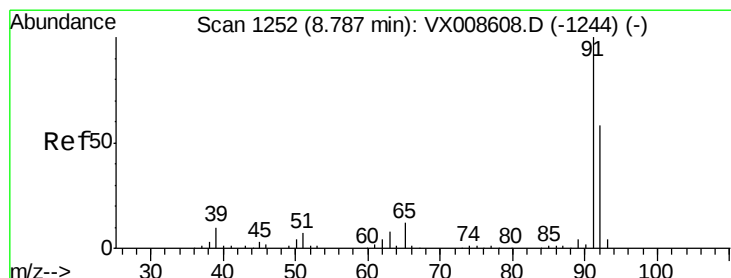
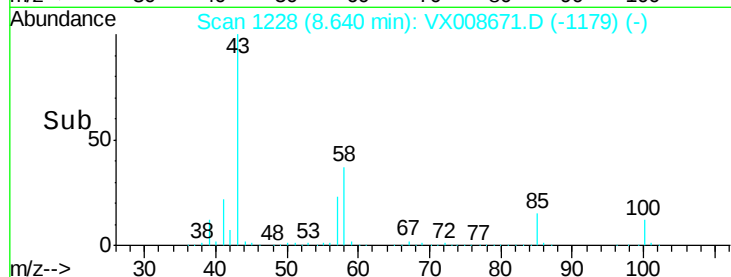
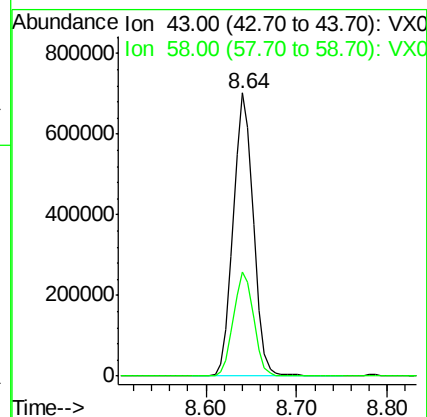
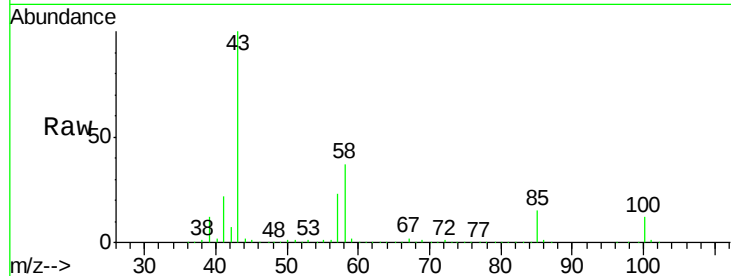
58 36.9 29.5 44.3

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#52

Toluene

Concen: 45.952 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008671.D

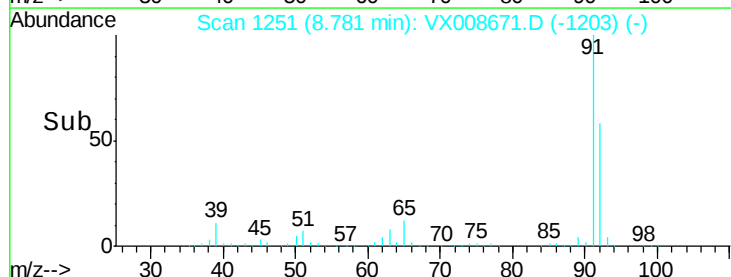
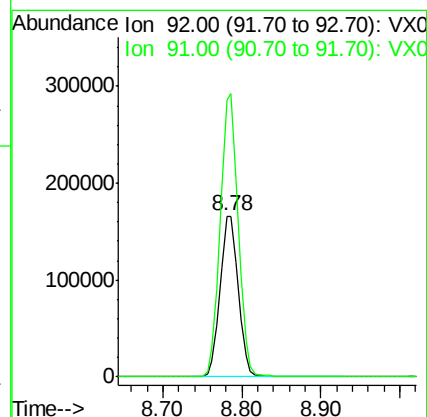
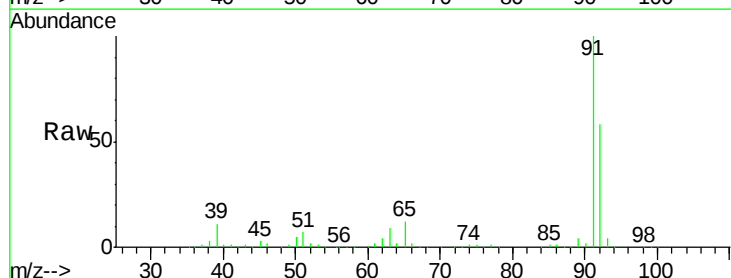
Acq: 05 Apr 2019 05:42

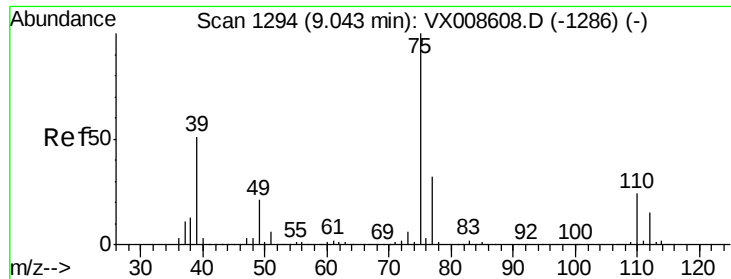
Tgt Ion: 92 Resp: 267327

Ion Ratio Lower Upper

92 100

91 174.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 45.838 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Tot Ion: 75 Resp: 158145

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

Instrument :

MSVOA\_X

ClientSampleId :

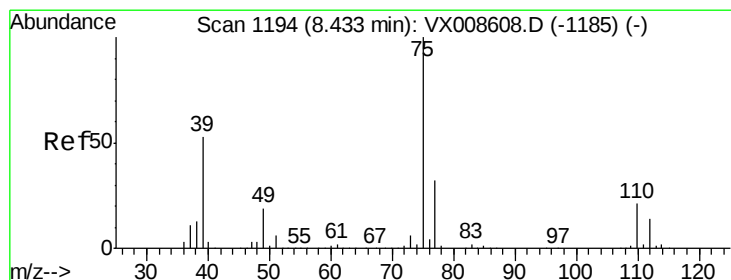
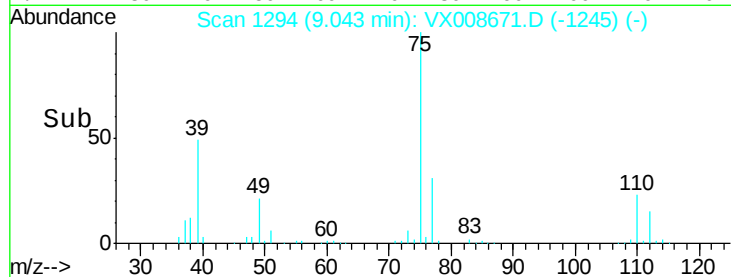
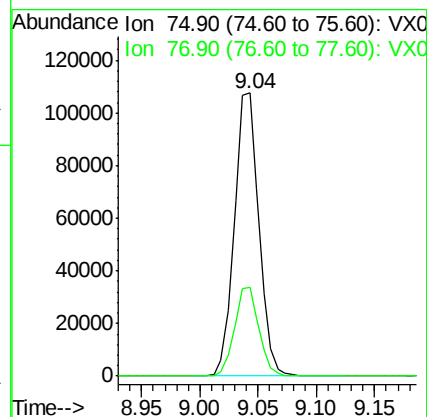
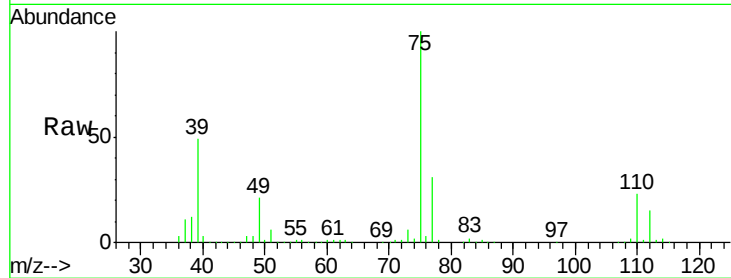
VSTDCCC050EC

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 44.430 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

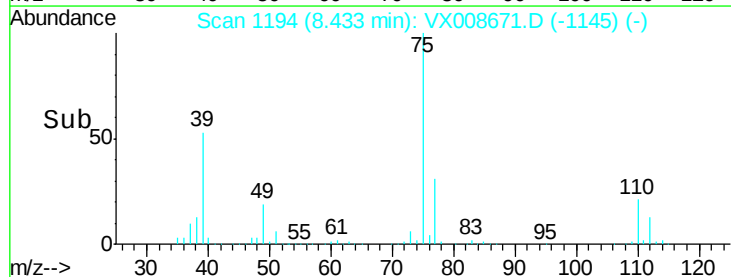
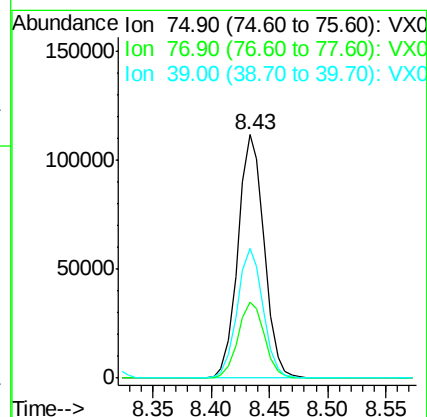
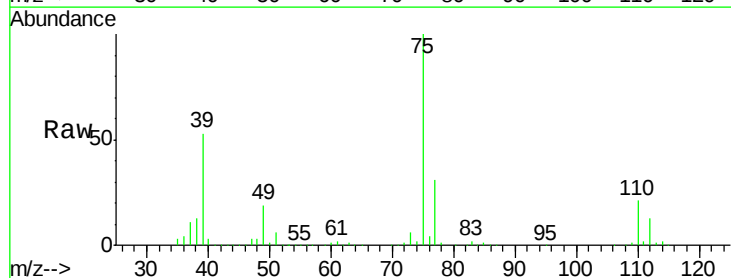
Tgt Ion: 75 Resp: 175153

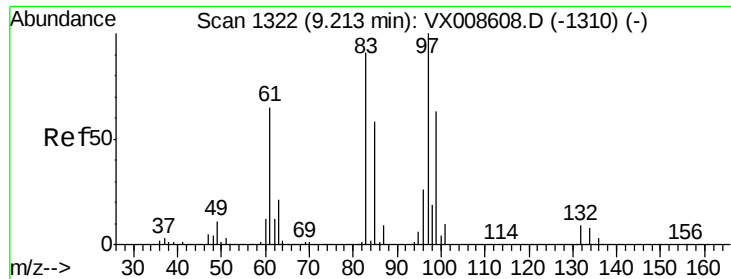
Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

39 53.0 42.6 63.8





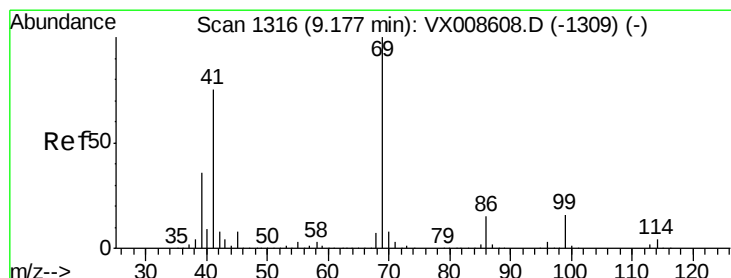
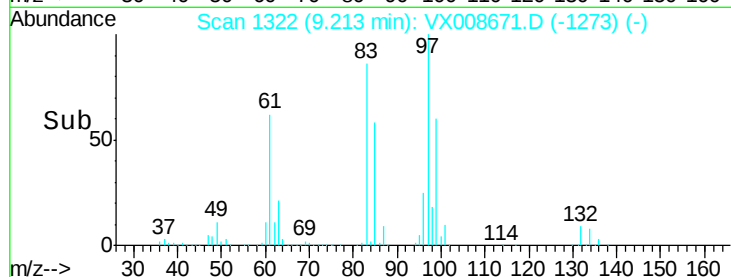
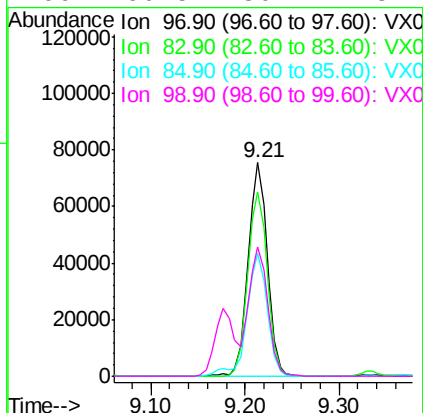
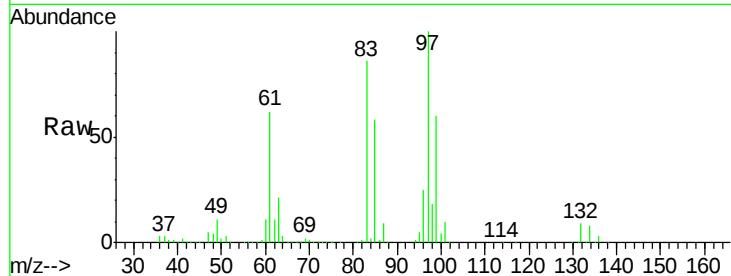
#55  
 1,1,2-Trichloroethane  
 Concen: 46.344 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 108222 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.5  | 73.2  | 109.8  |
| 85       | 57.6  | 46.6  | 69.8   |
| 99       | 60.5  | 50.1  | 75.1   |

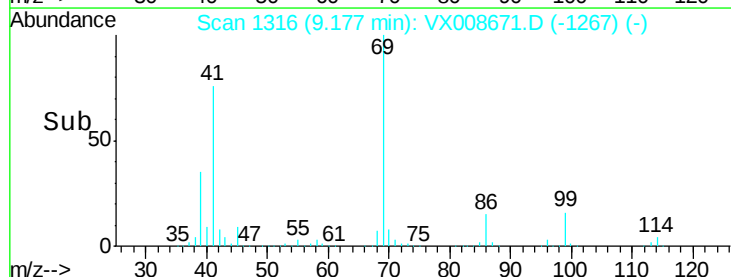
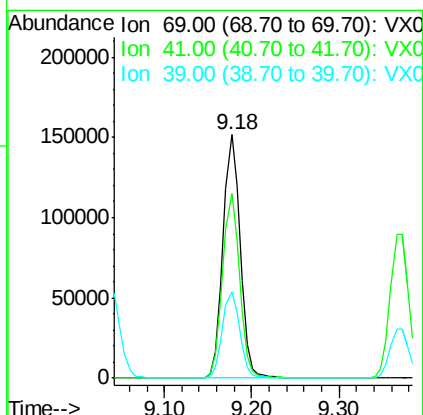
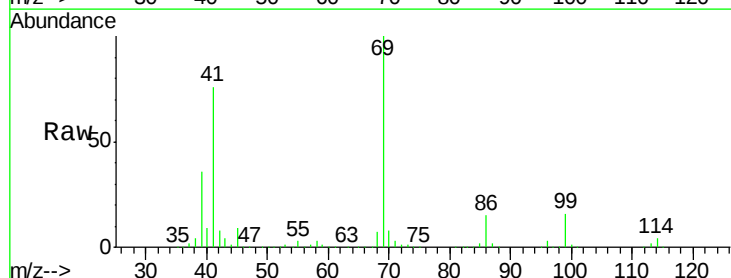
Manual Integrations  
 APPROVED

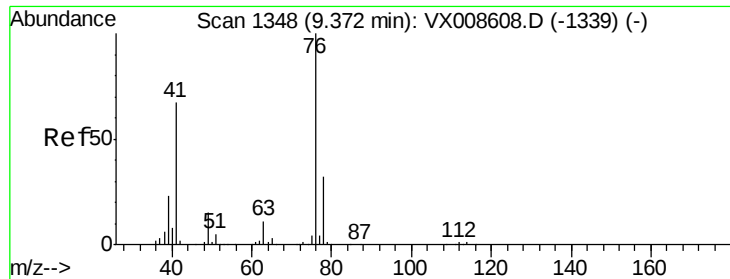
MMDadoda  
 4/5/2019 10:53:38 AM



#56  
 Ethyl methacrylate  
 Concen: 48.836 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 206336 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 75.3  | 60.1  | 90.1   |
| 39       | 36.0  | 28.9  | 43.3   |





#57

1,3-Dichloropropane

Concen: 45.958 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 192711

Ion Ratio Lower Upper

76 100

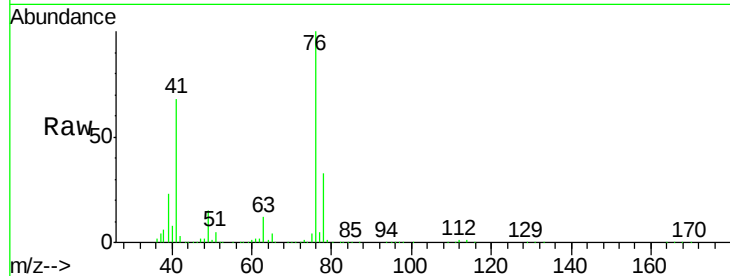
78 32.1 25.6 38.4

Manual Integrations

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MMDadoda

4/5/2019 10:53:38 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

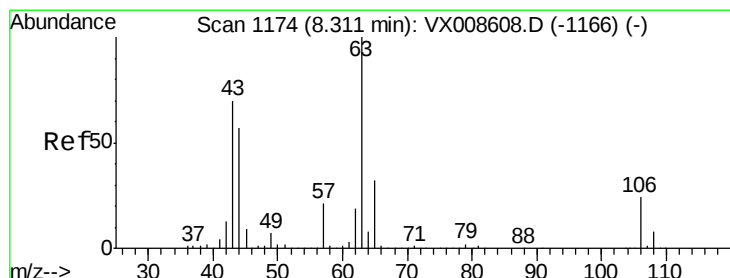
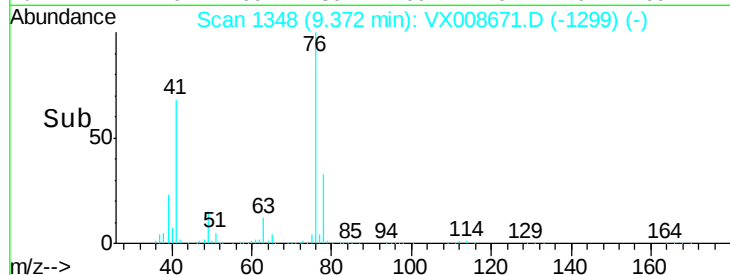
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 238.454 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008671.D

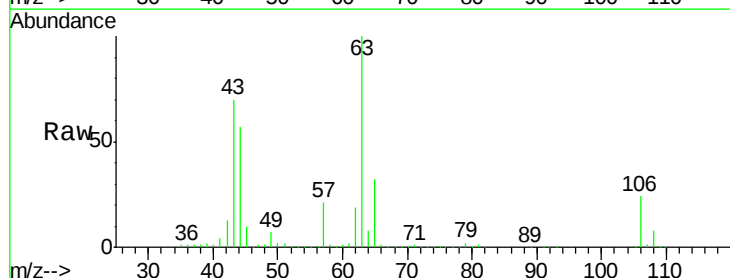
Acq: 05 Apr 2019 05:42

Tgt Ion: 63 Resp: 514445

Ion Ratio Lower Upper

63 100

106 24.0 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

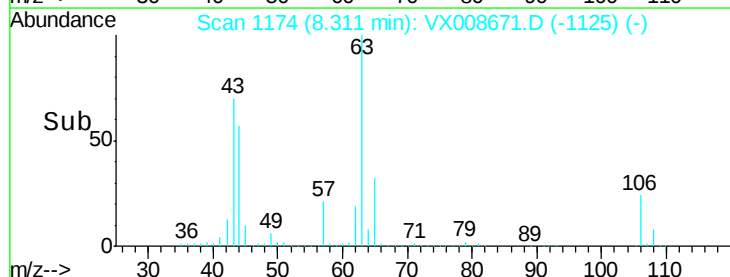
300000

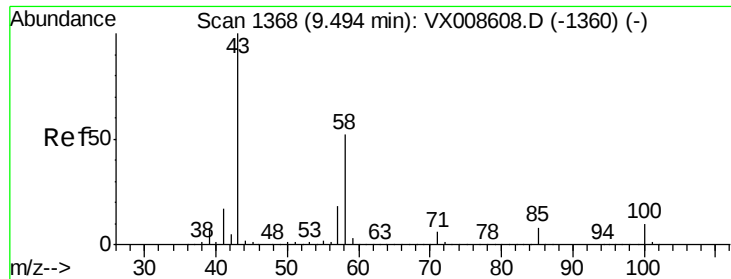
200000

100000

0

Time-->





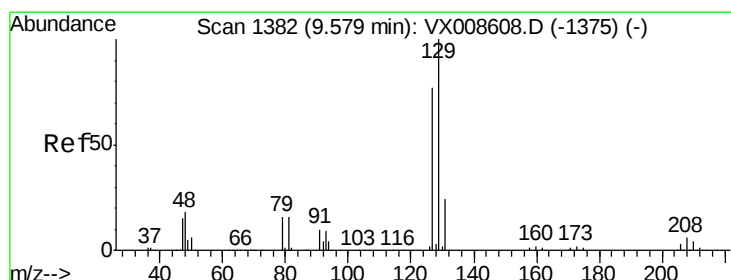
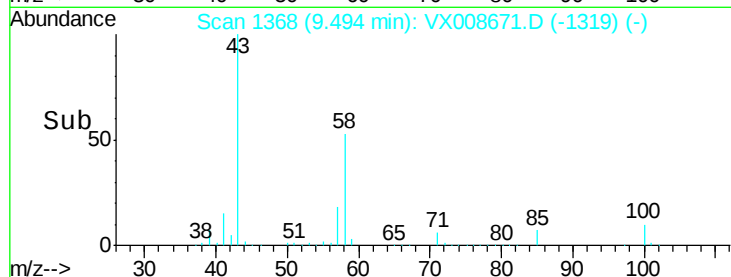
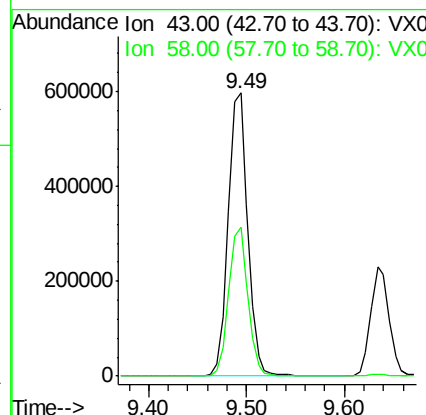
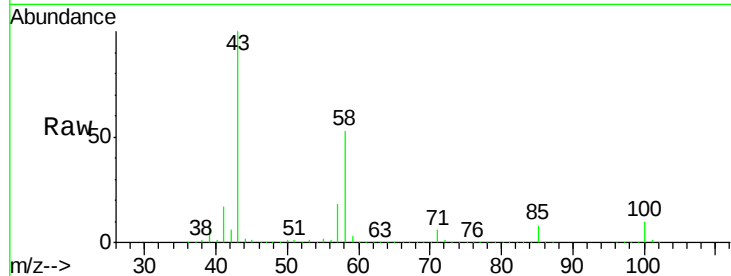
#59  
2-Hexanone  
Concen: 239.448 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 829644  
Ion Ratio Lower Upper  
43 100  
58 52.0 25.9 77.7

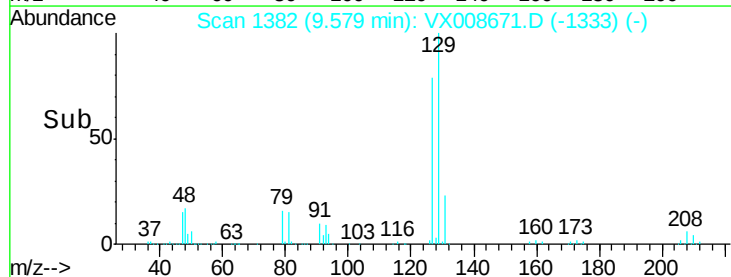
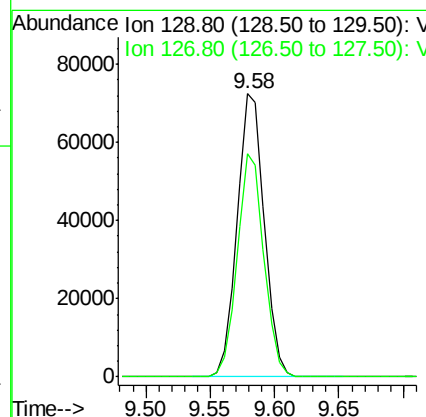
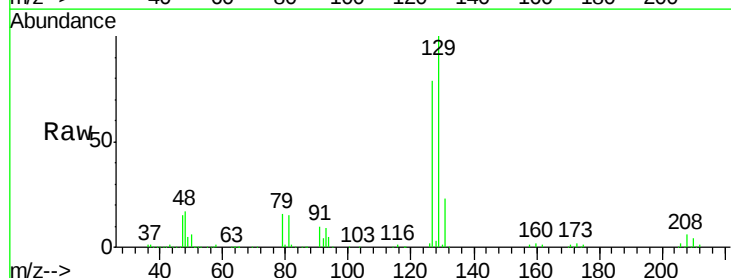
Manual Integrations  
APPROVED

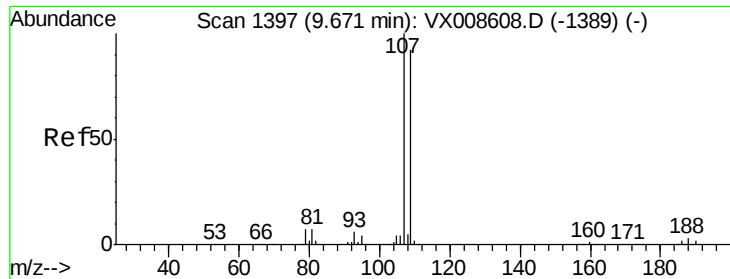
MMDadoda  
4/5/2019 10:53:38 AM



#60  
Dibromochloromethane  
Concen: 48.418 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Tgt Ion: 129 Resp: 106544  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.5 115.3





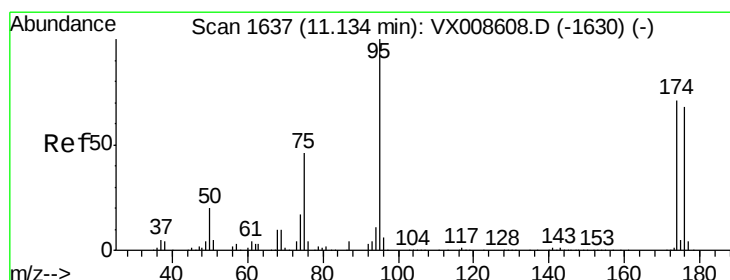
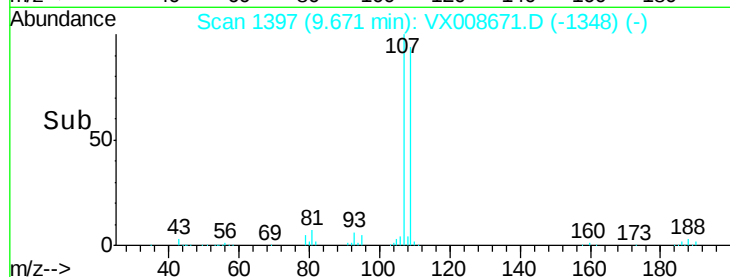
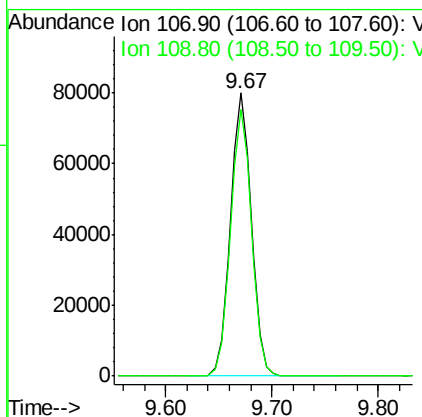
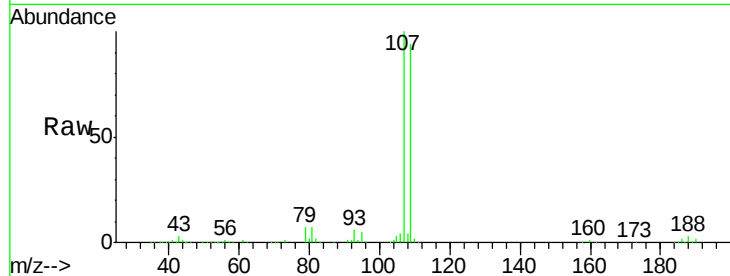
#61  
 1,2-Dibromoethane  
 Concen: 45.514 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.6  | 74.1  | 111.1 |

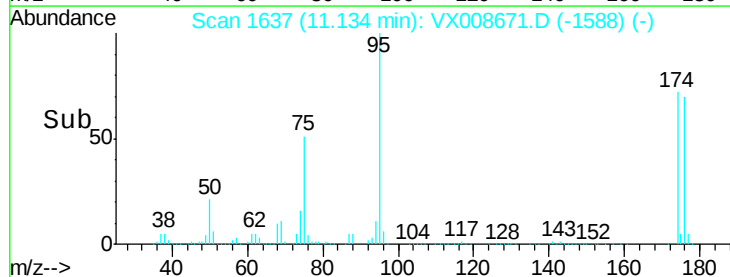
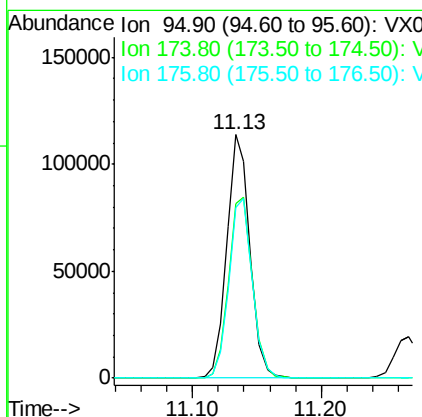
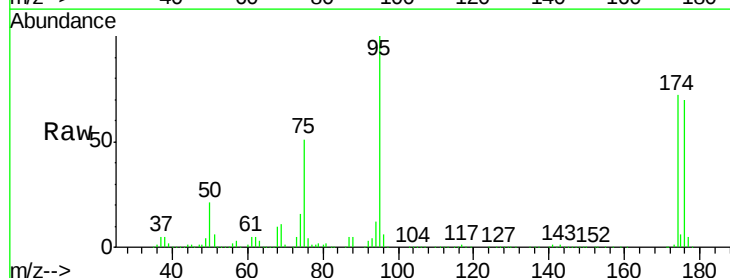
Manual Integrations  
 APPROVED

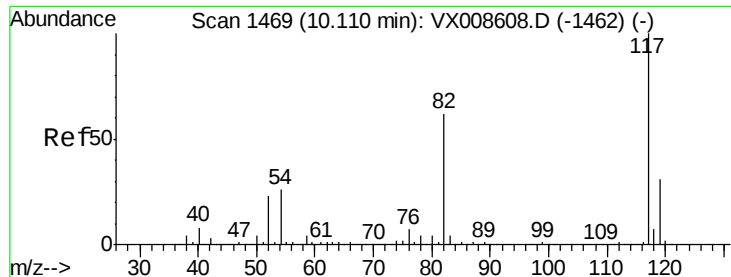
MMDadoda  
 4/5/2019 10:53:38 AM



#62  
 4-Bromofluorobenzene  
 Concen: 52.507 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 76.7  | 0.0   | 151.8 |
| 176     | 74.8  | 0.0   | 145.8 |





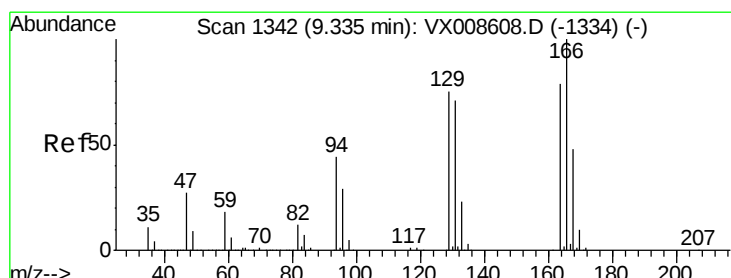
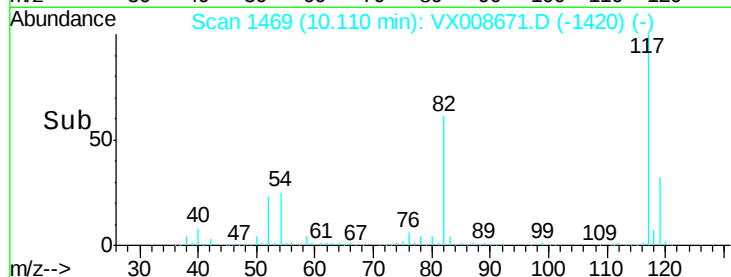
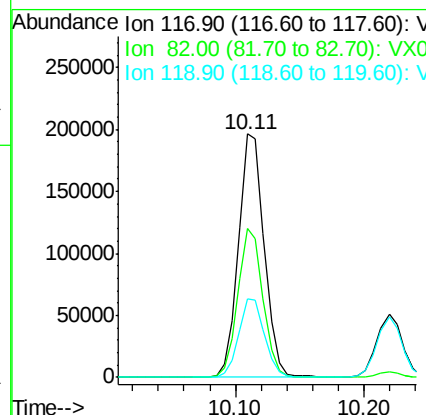
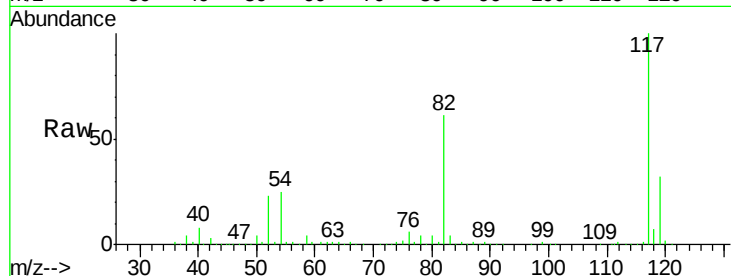
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 61.2  | 49.6  | 74.4  |
| 119     | 32.1  | 25.0  | 37.4  |

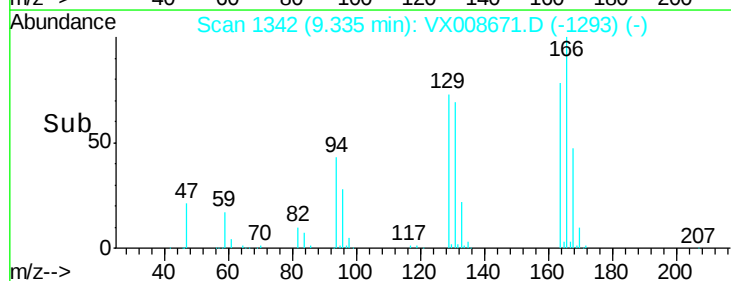
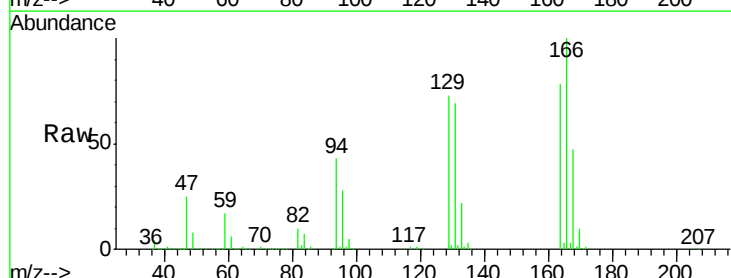
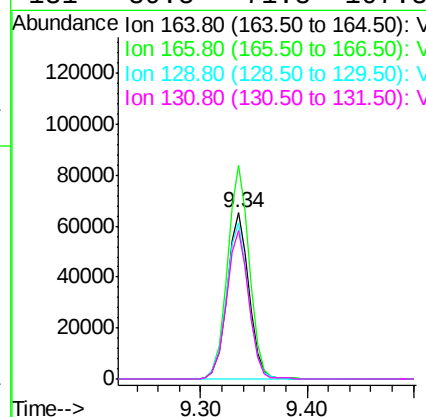
Manual Integrations  
APPROVED

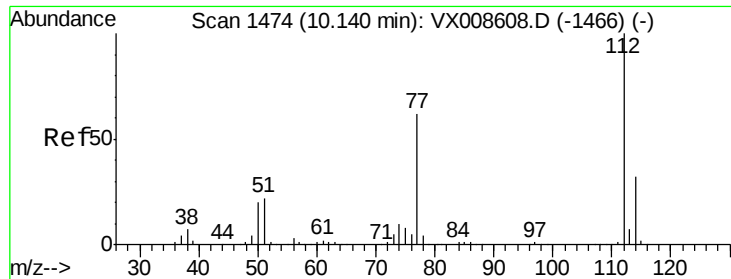
MMDadoda  
4/5/2019 10:53:38 AM



#64  
Tetrachloroethene  
Concen: 45.821 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.8 | 101.0 | 151.6 |
| 129     | 94.1  | 75.8  | 113.8 |
| 131     | 89.5  | 71.8  | 107.8 |





#65

Chlorobenzene

Concen: 45.266 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 275083

Ion Ratio Lower Upper

112 100

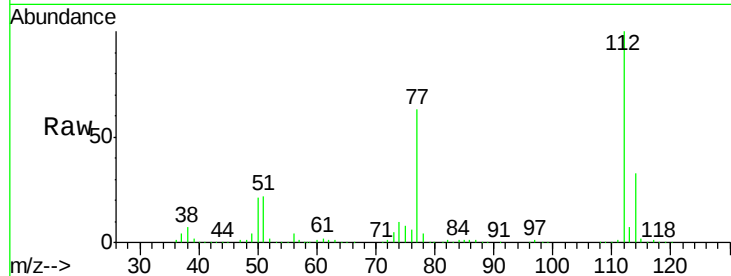
114 32.8 25.8 38.8

Manual Integrations

APPROVED

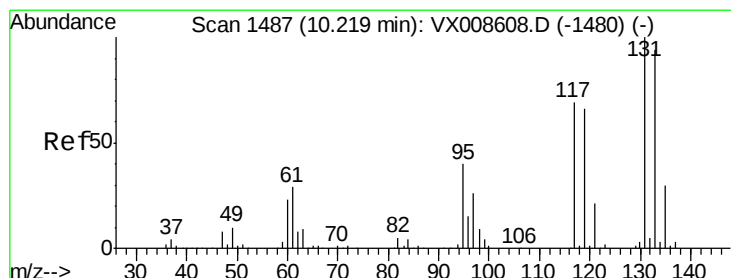
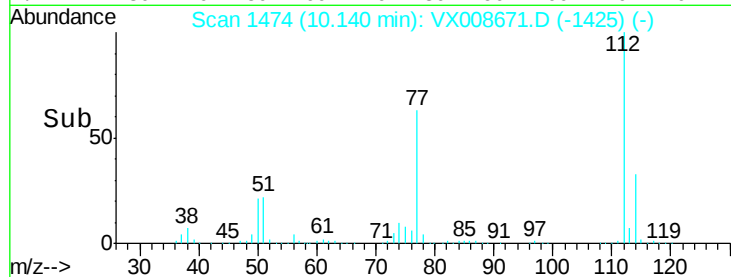
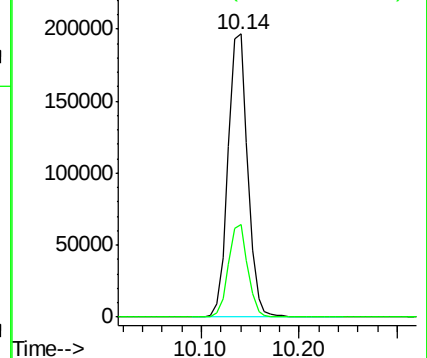
MMDadoda

4/5/2019 10:53:38 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 45.934 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

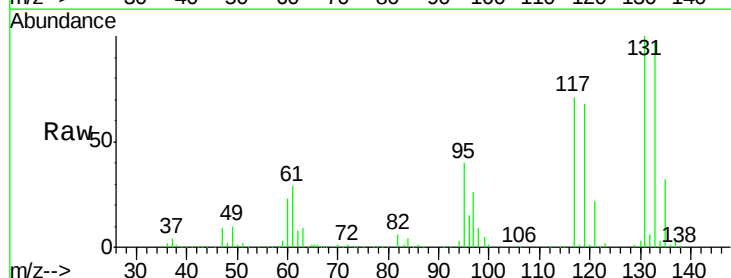
Tgt Ion:131 Resp: 97930

Ion Ratio Lower Upper

131 100

133 95.3 47.0 141.2

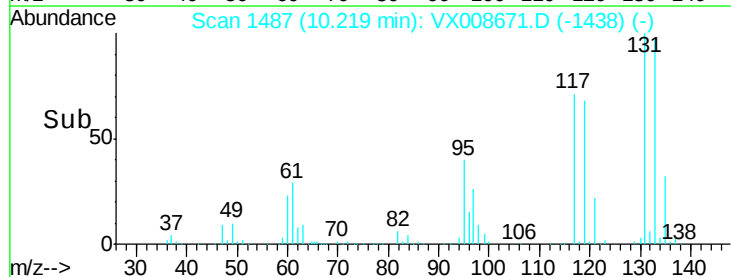
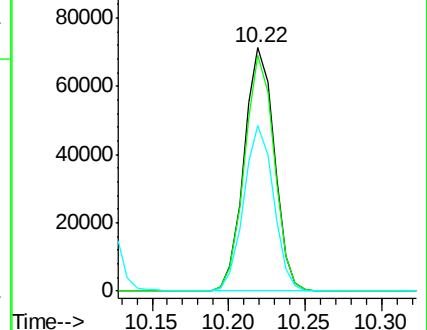
119 67.1 33.7 101.0

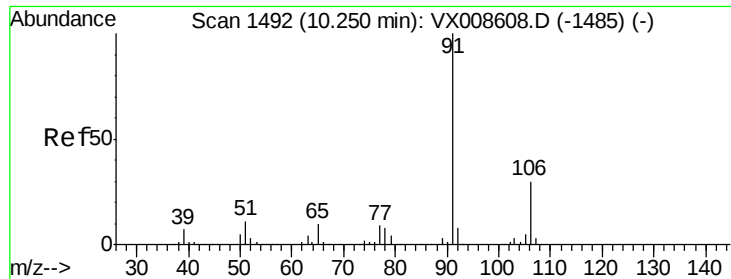


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 45.293 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 513256

Ion Ratio Lower Upper

91 100

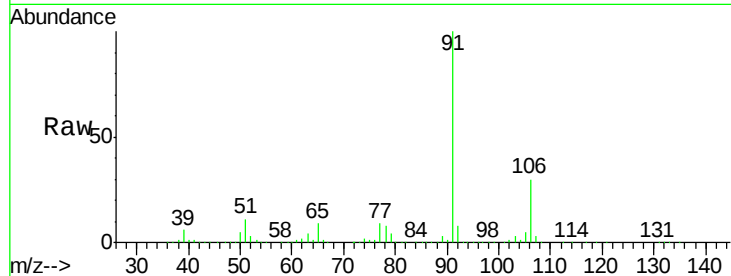
106 29.9 23.7 35.5

Manual Integrations

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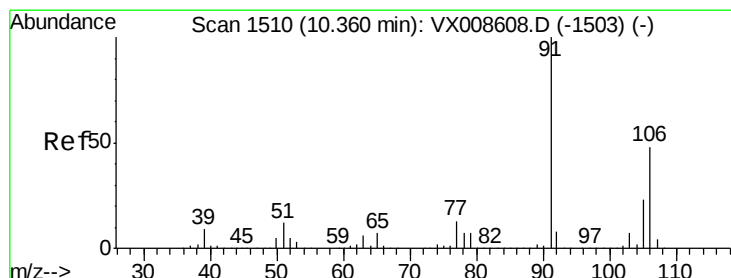
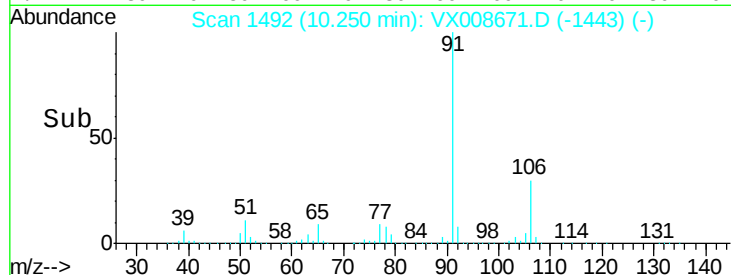
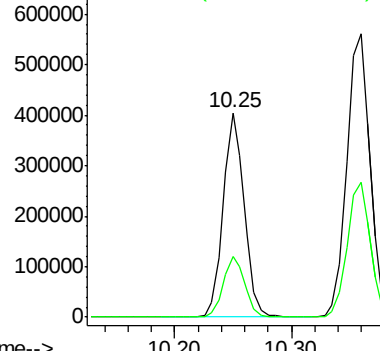
MMDadoda

4/5/2019 10:53:38 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 91.048 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008671.D

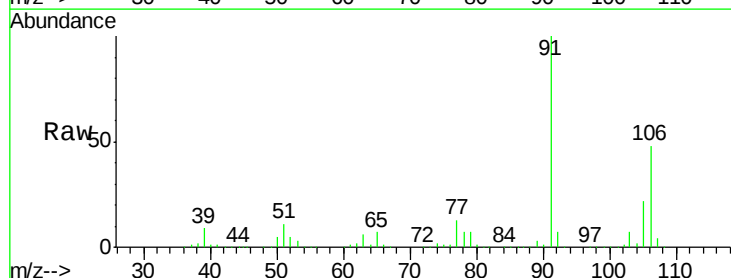
Acq: 05 Apr 2019 05:42

Tgt Ion: 106 Resp: 370968

Ion Ratio Lower Upper

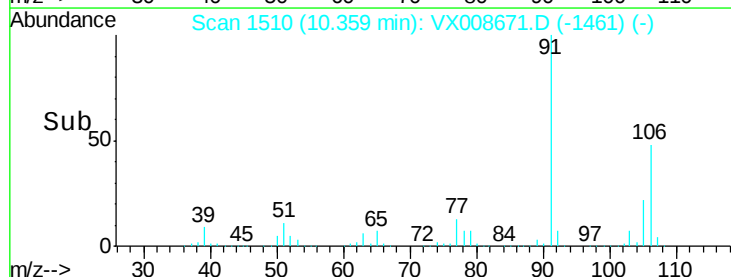
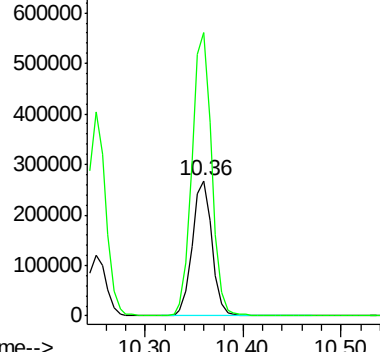
106 100

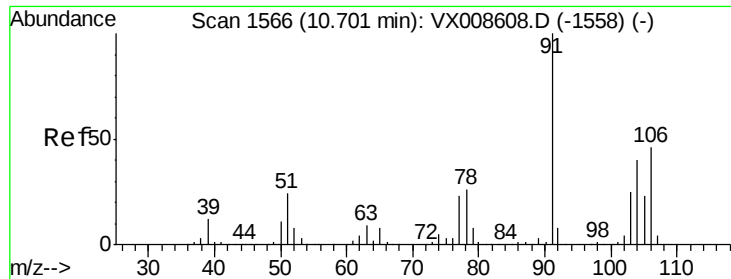
91 210.6 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





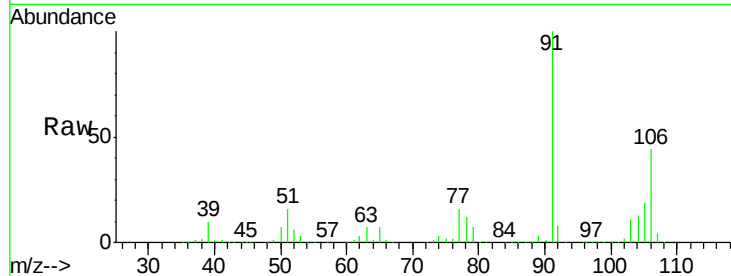
#69  
o-Xylene  
Concen: 46.245 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

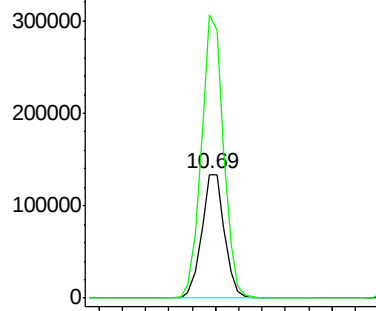
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 222.6 | 111.5 | 334.4 |

Manual Integrations  
APPROVED

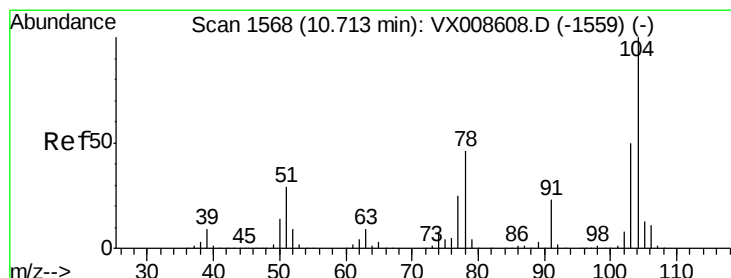
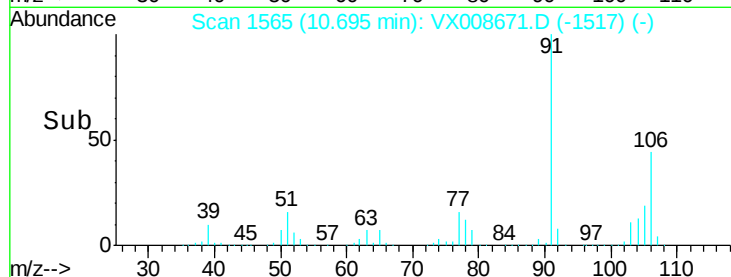
MMDadoda  
4/5/2019 10:53:38 AM



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

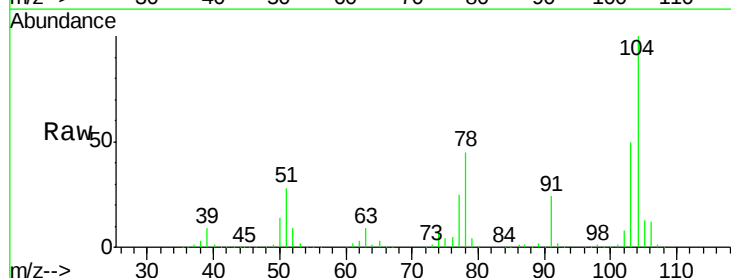


Time--> 10.60 10.70 10.80

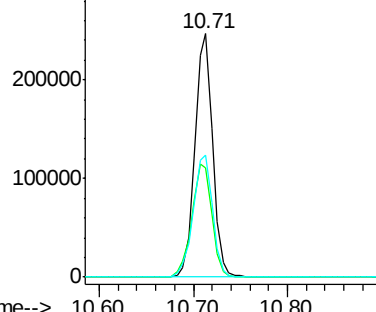


#70  
Styrene  
Concen: 47.155 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

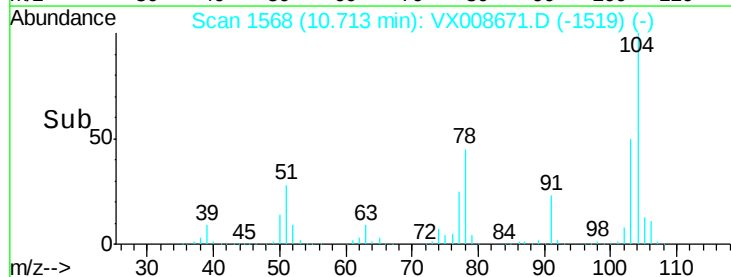
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 52.4  | 42.3  | 63.5  |
| 103     | 55.4  | 44.4  | 66.6  |

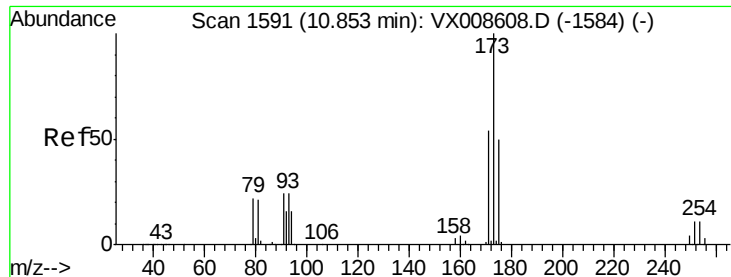


Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 48.544 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 79043

Ion Ratio Lower Upper

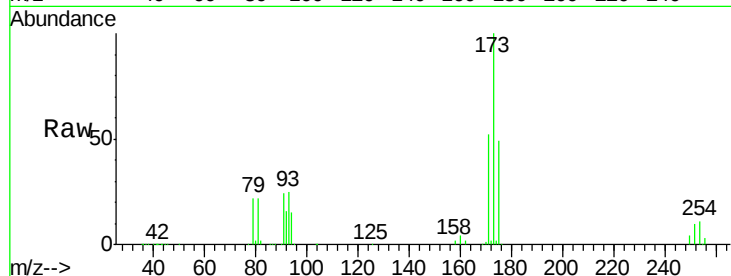
173 100

175 49.2 24.9 74.6

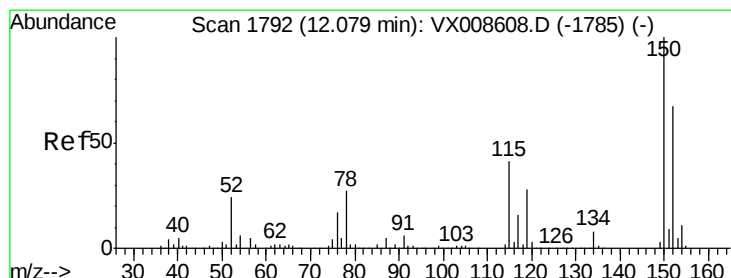
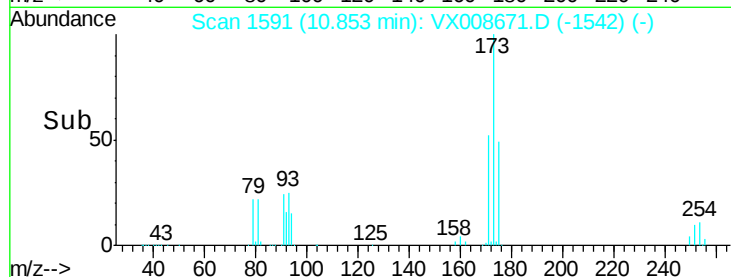
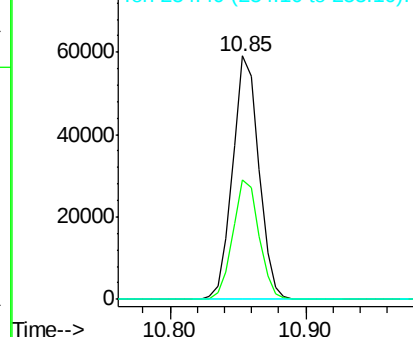
254 0.2 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

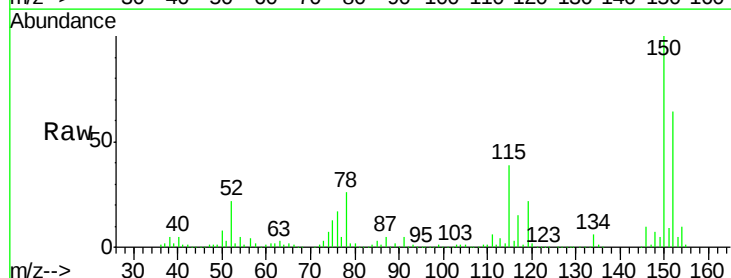
Tgt Ion:152 Resp: 127760

Ion Ratio Lower Upper

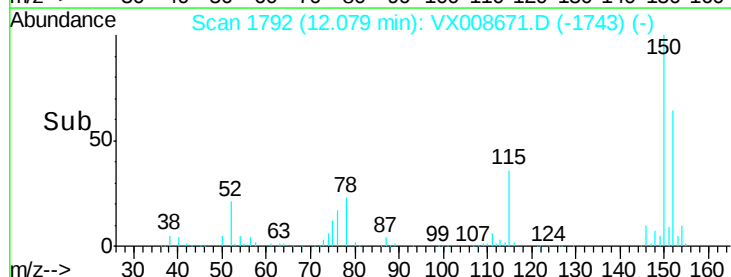
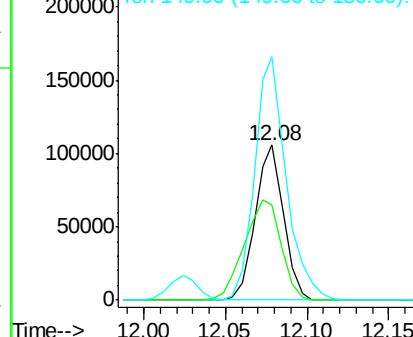
152 100

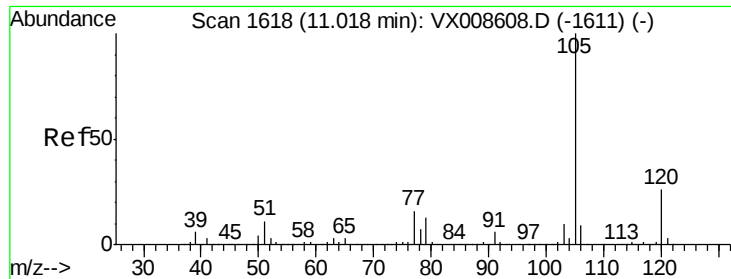
115 84.5 43.5 130.5

150 174.2 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.361 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 480274

Ion Ratio Lower Upper

105 100

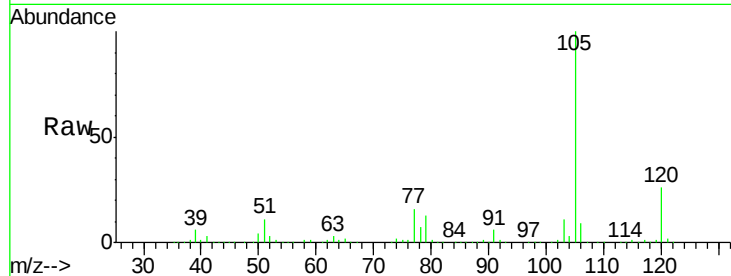
120 25.7 12.9 38.6

Manual Integrations

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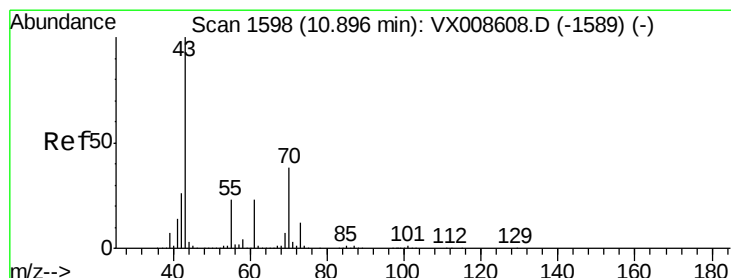
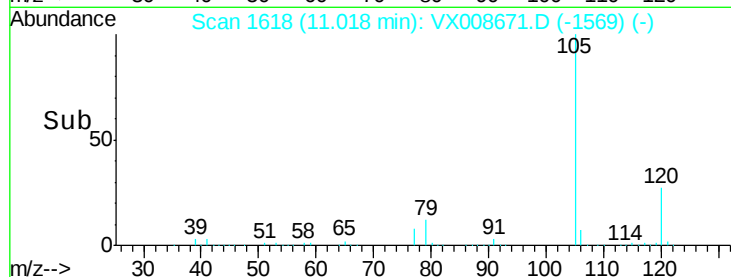
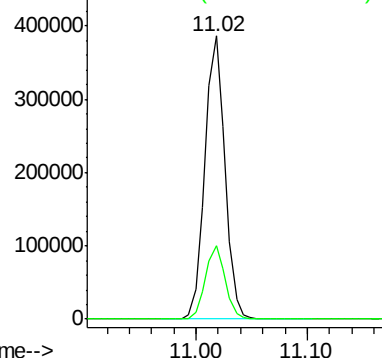
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.461 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Tgt Ion: 43 Resp: 295649

Ion Ratio Lower Upper

43 100

70 37.4 30.2 45.4

55 22.4 18.2 27.4

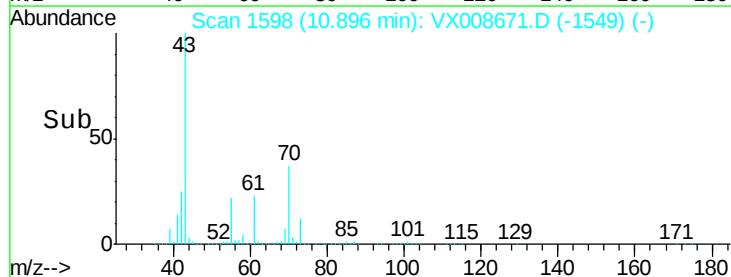
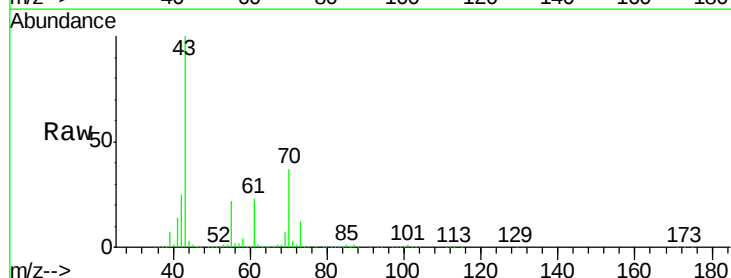
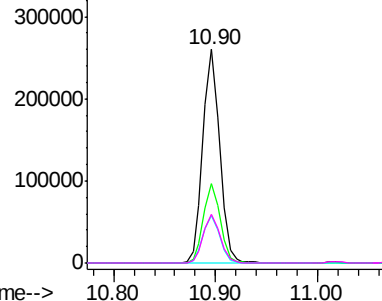
61 22.8 18.6 28.0

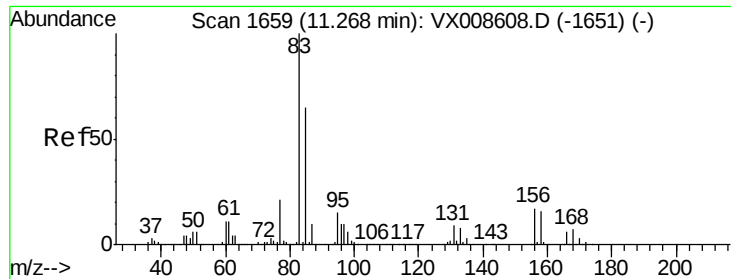
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.003 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

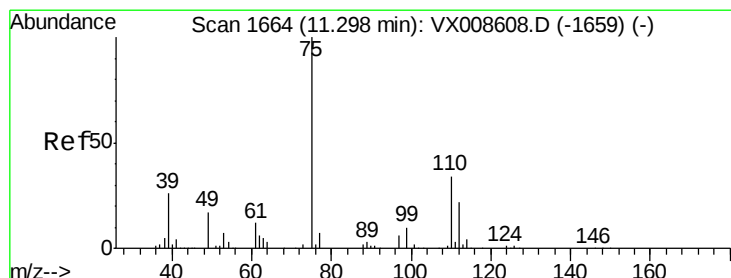
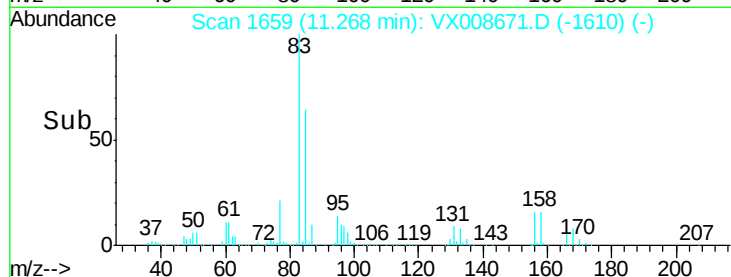
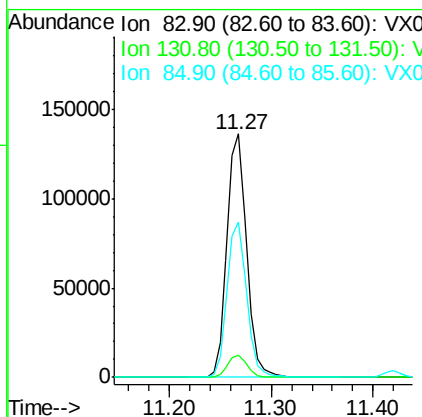
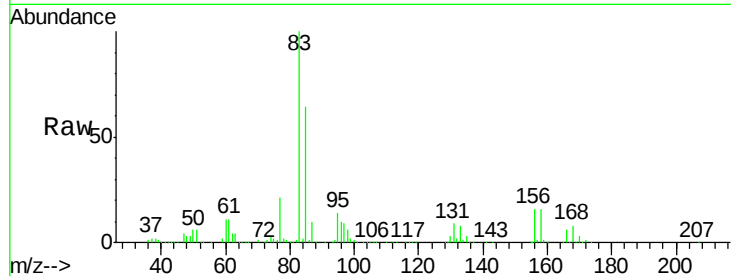
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 181214 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.3   | 4.5   | 13.7   |
| 85        | 63.6  | 32.0  | 96.2   |

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#76

1,2,3-Trichloropropane

Concen: 50.780 ug/l m

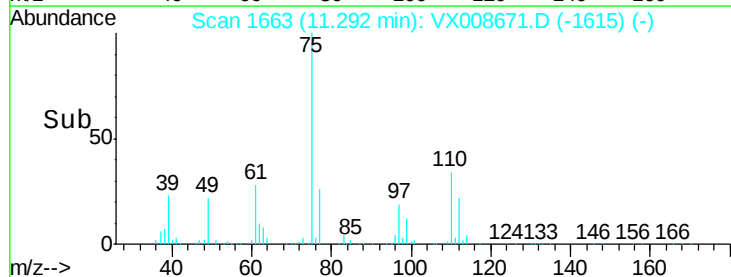
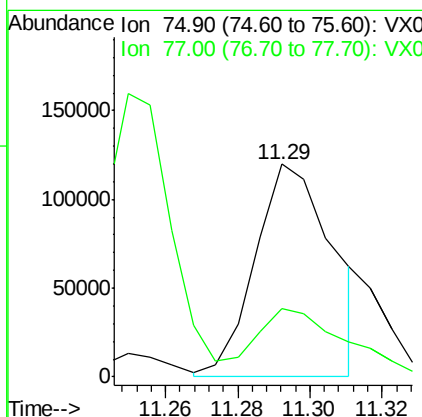
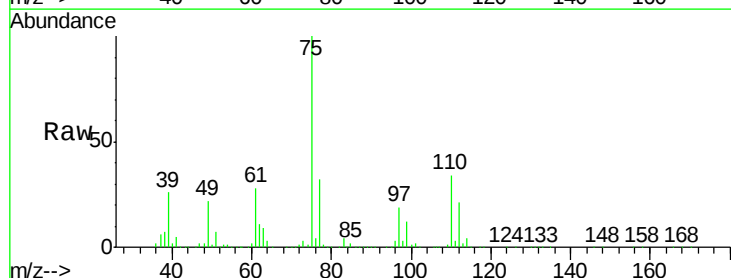
RT: 11.29 min Scan# 1663

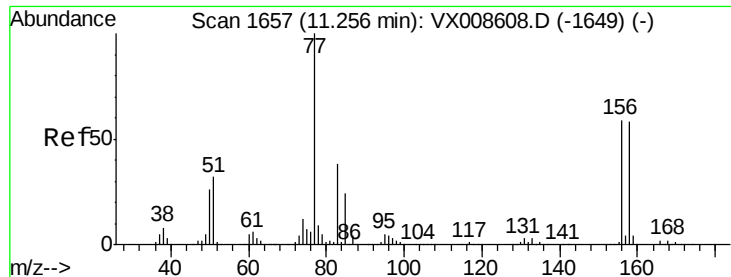
Delta R.T. -0.01 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 178221 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 37.8  | 22.3  | 66.8   |





#77

Bromobenzene

Concen: 45.920 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

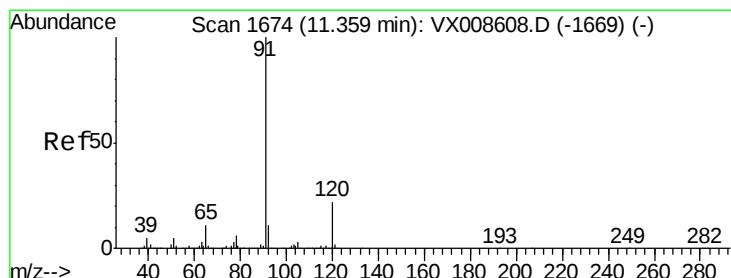
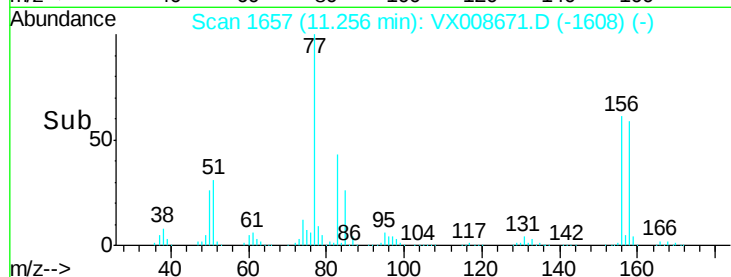
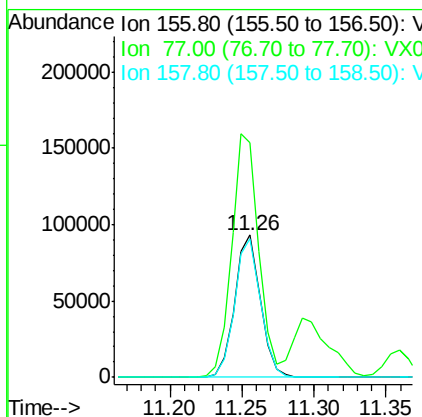
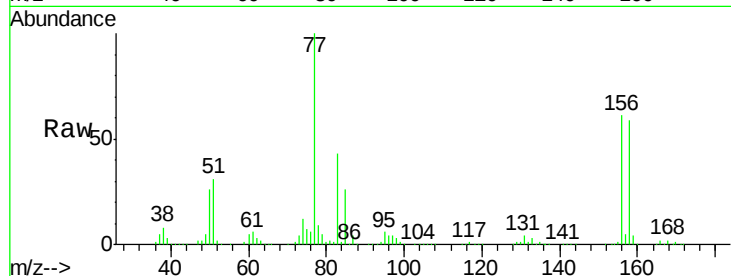
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 156   | Resp: | 116882 |
| Ion      | Ratio | Lower | Upper  |
| 156      | 100   |       |        |
| 77       | 178.1 | 89.8  | 269.6  |
| 158      | 97.7  | 48.6  | 145.9  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 44.944 ug/l

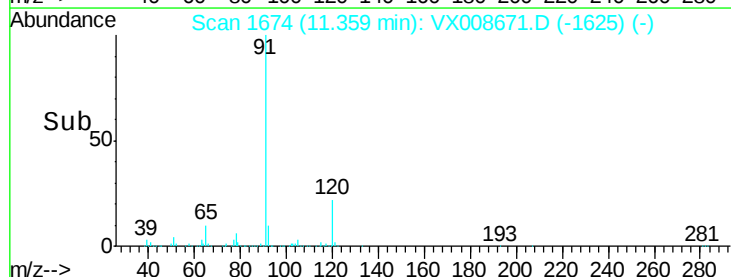
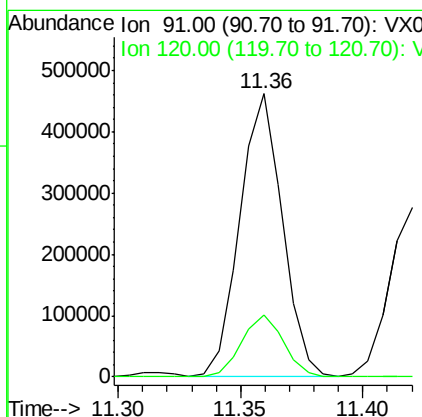
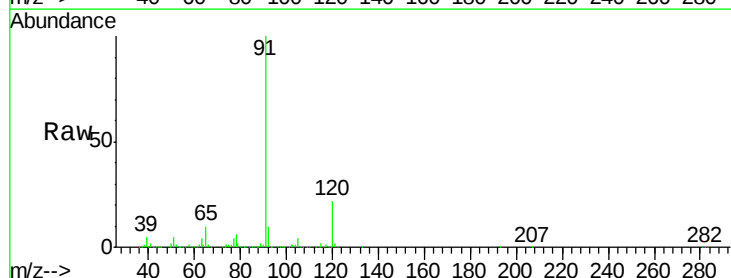
RT: 11.36 min Scan# 1674

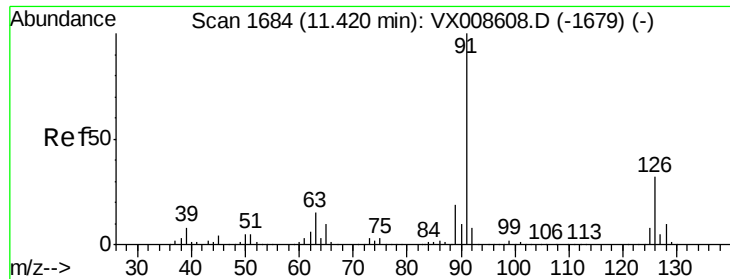
Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 554078 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 120      | 21.9  | 10.9  | 32.7   |





#79

2-Chlorotoluene

Concen: 44.899 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 334970

Ion Ratio Lower Upper

91 100

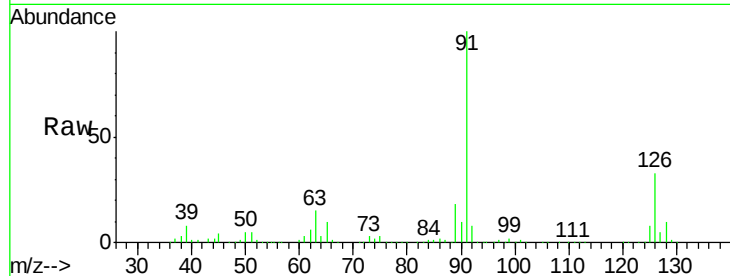
126 32.4 16.1 48.3

Manual Integrations

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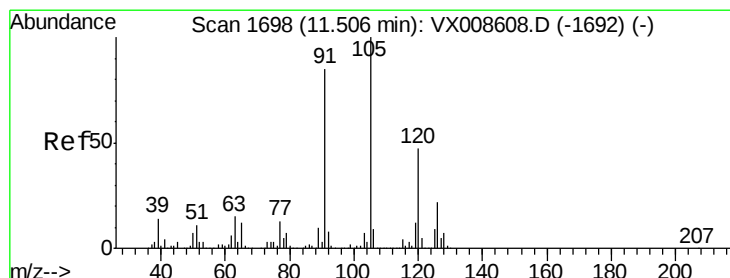
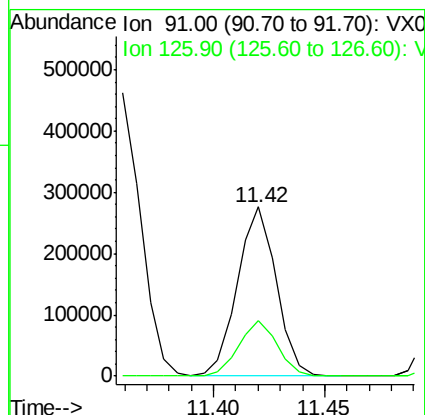
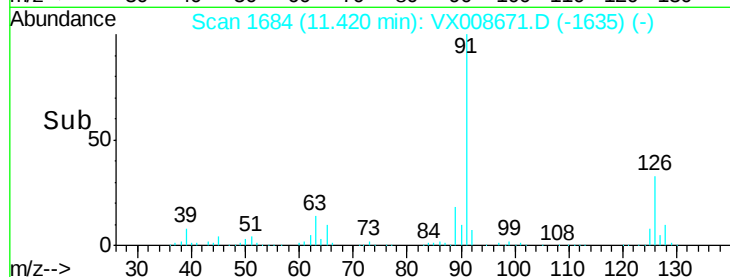
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Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.350 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008671.D

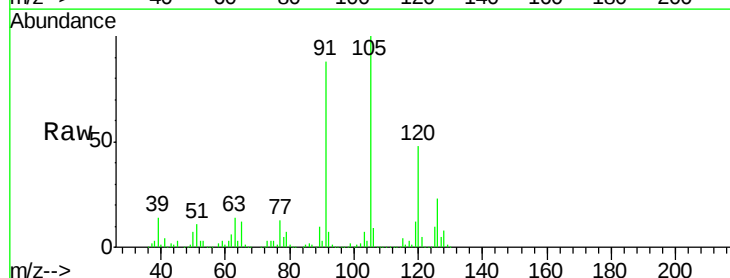
Acq: 05 Apr 2019 05:42

Tgt Ion:105 Resp: 403050

Ion Ratio Lower Upper

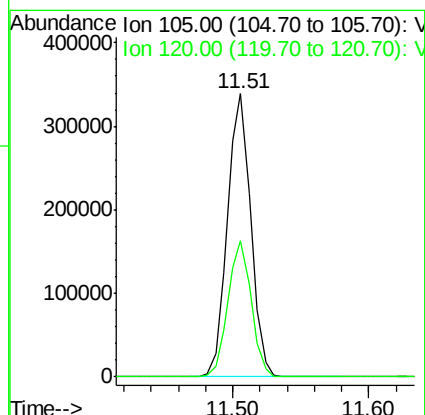
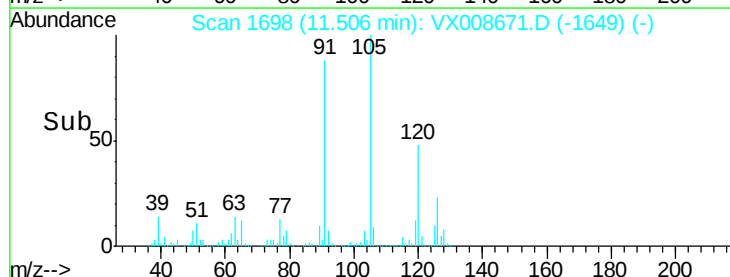
105 100

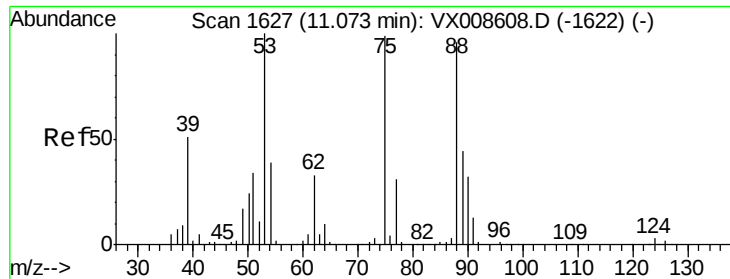
120 47.9 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.323 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 53886

Ion Ratio Lower Upper

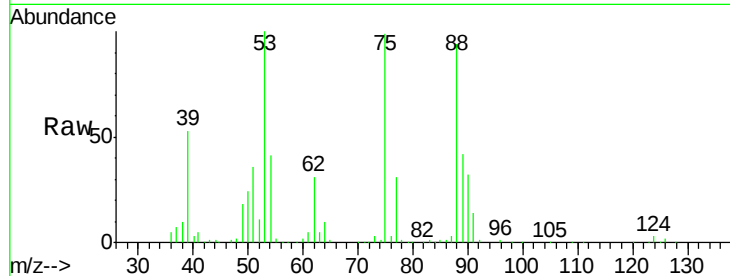
75 100

53 103.8 81.3 121.9

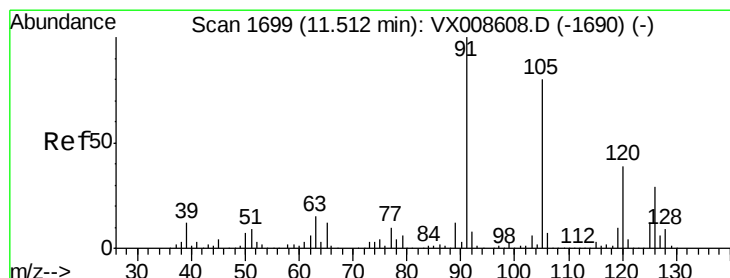
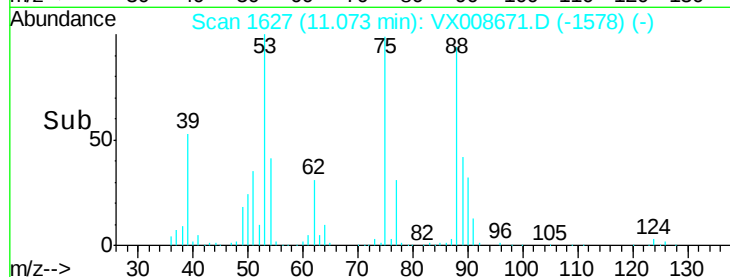
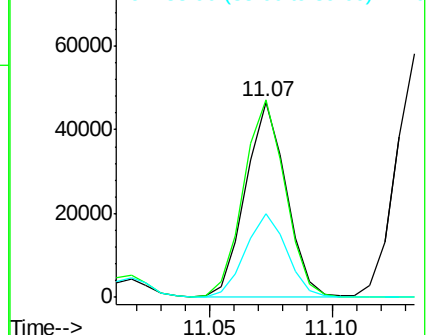
89 43.8 35.6 53.4

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Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 53.00 (52.70 to 53.70): VX0  
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 44.637 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008671.D

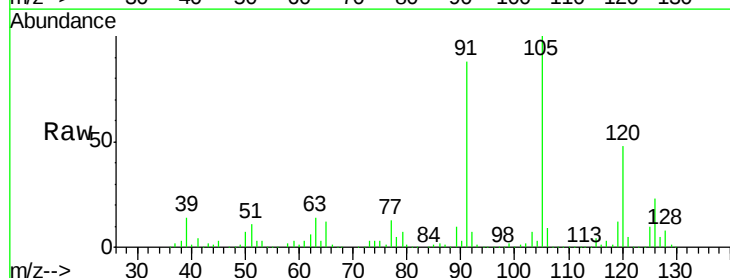
Acq: 05 Apr 2019 05:42

Tgt Ion: 91 Resp: 385470

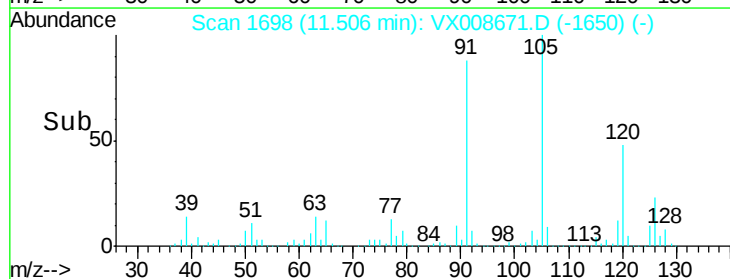
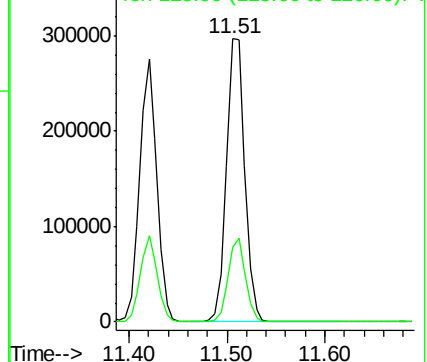
Ion Ratio Lower Upper

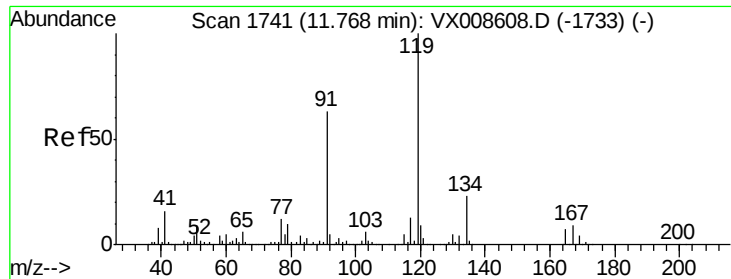
91 100

126 27.9 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 125.90 (125.60 to 126.60): V





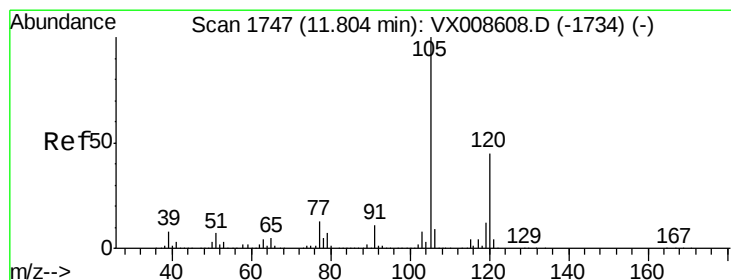
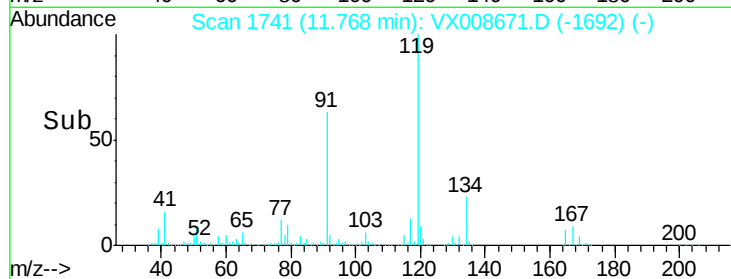
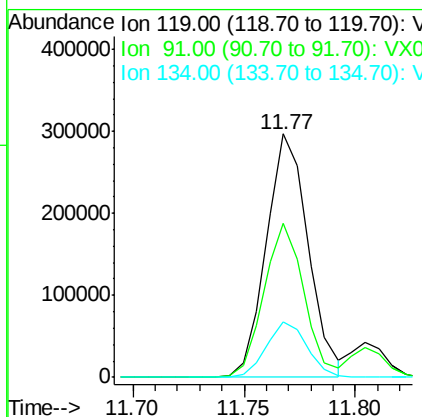
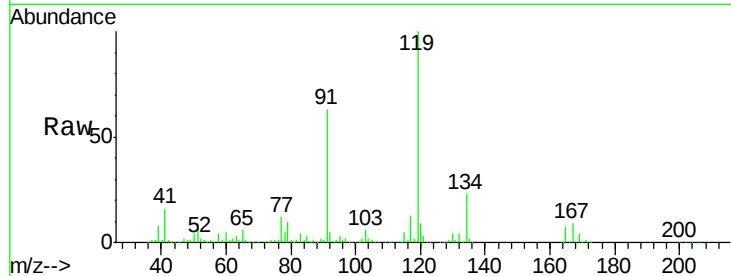
#83  
 tert-Butylbenzene  
 Concen: 45.466 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 388758 |       |       |
| 91      | 60.4  | 30.0   | 90.1  |       |
| 134     | 22.2  | 11.1   | 33.3  |       |

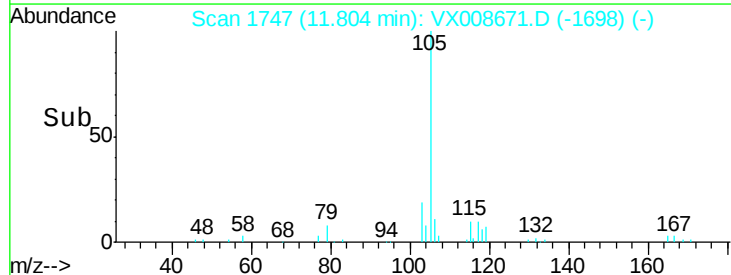
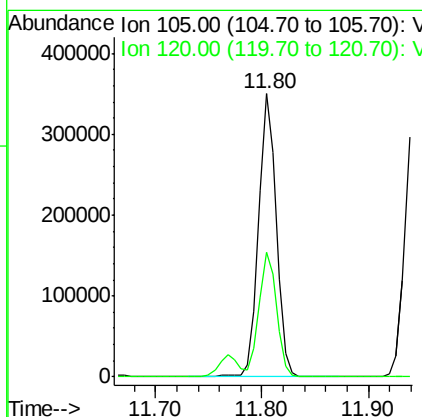
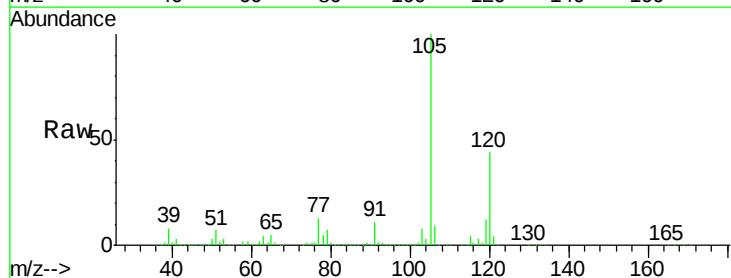
Manual Integrations  
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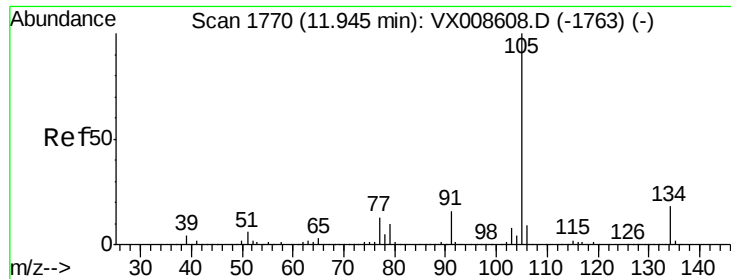
MMDadoda  
 4/5/2019 10:53:38 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 45.547 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 409888 |       |       |
| 120     | 43.6  | 21.8   | 65.3  |       |





#85

sec-Butylbenzene

Concen: 45.426 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 461369

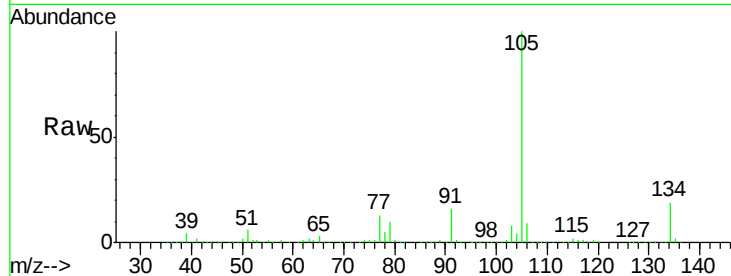
Ion Ratio Lower Upper

105 100

134 19.0 9.4 28.2

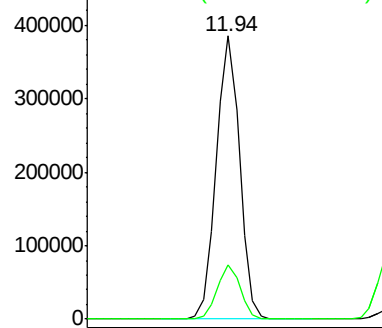
Manual Integrations  
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4/5/2019 10:53:38 AM

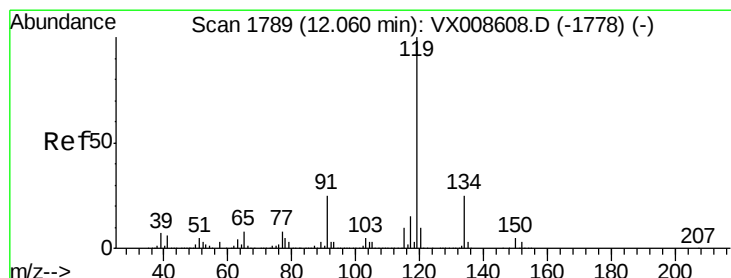
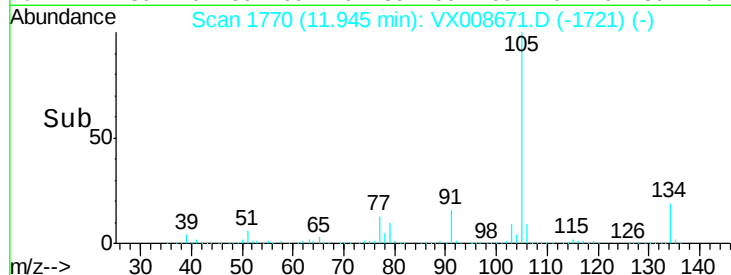


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 45.311 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

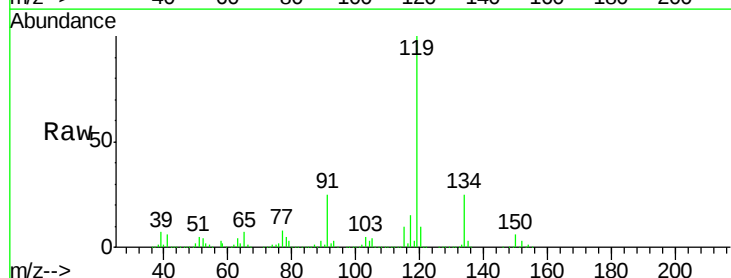
Tgt Ion:119 Resp: 413049

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

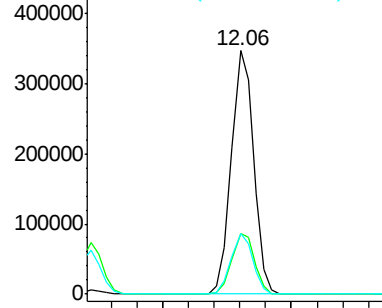
91 24.4 12.2 36.6



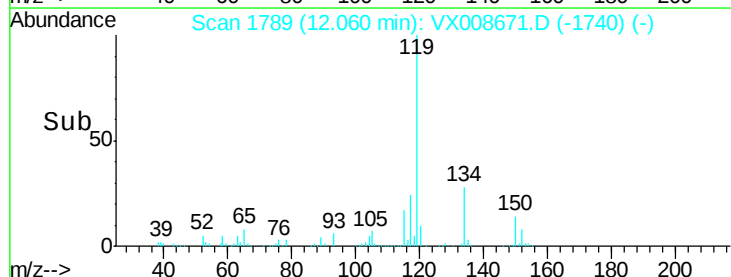
Abundance Ion 119.00 (118.70 to 119.70): V

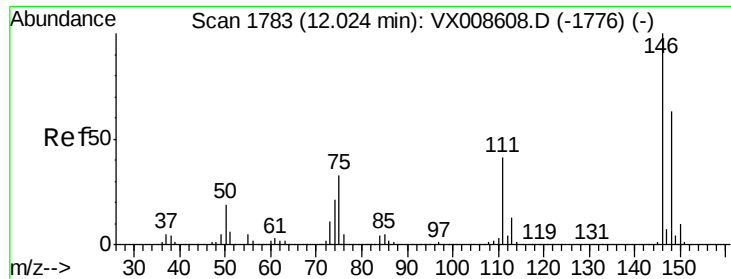
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





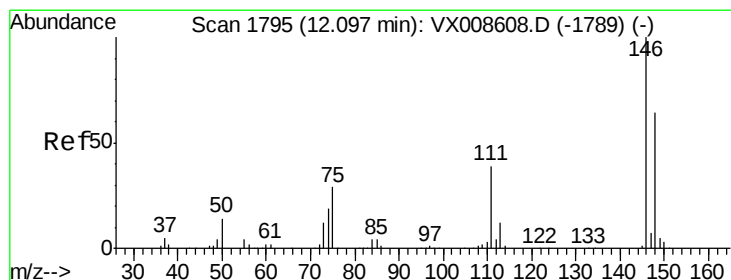
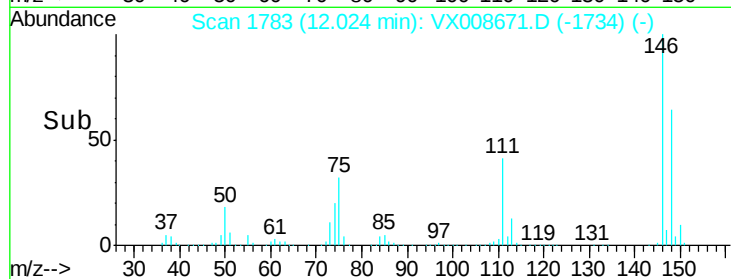
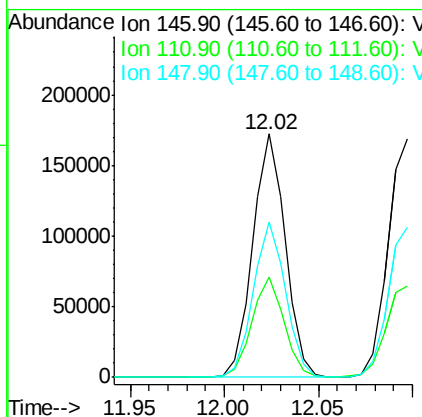
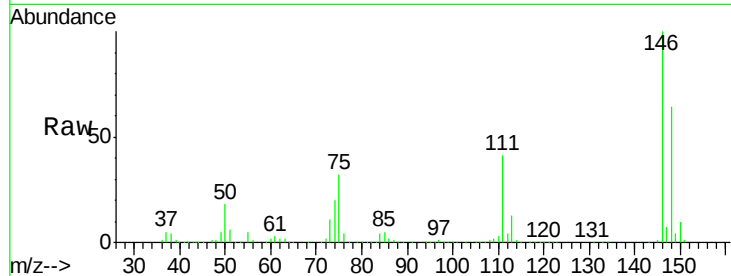
#87  
 1,3-Dichlorobenzene  
 Concen: 45.184 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 205891 |       |       |
| 111     | 40.9  | 20.5   | 61.5  |       |
| 148     | 63.4  | 31.6   | 94.7  |       |

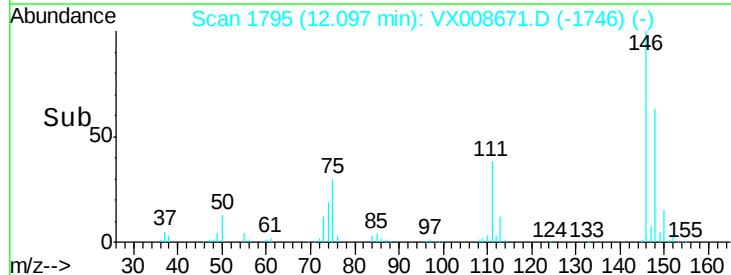
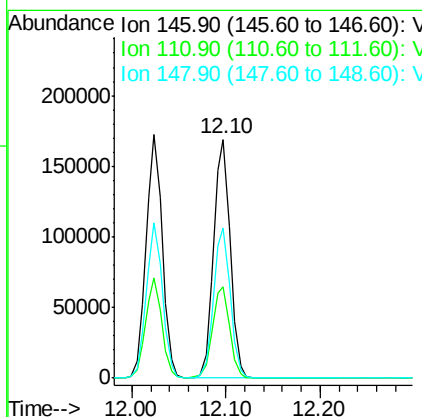
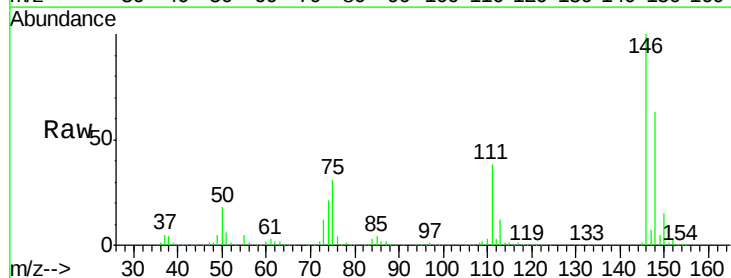
Manual Integrations  
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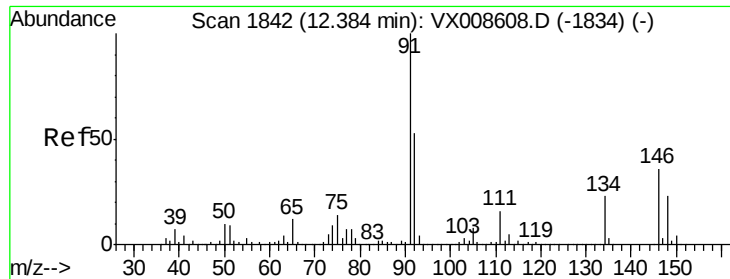
MMDadoda  
 4/5/2019 10:53:38 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 44.613 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 205855 |       |       |
| 111     | 39.4  | 20.2   | 60.6  |       |
| 148     | 63.1  | 32.0   | 96.0  |       |





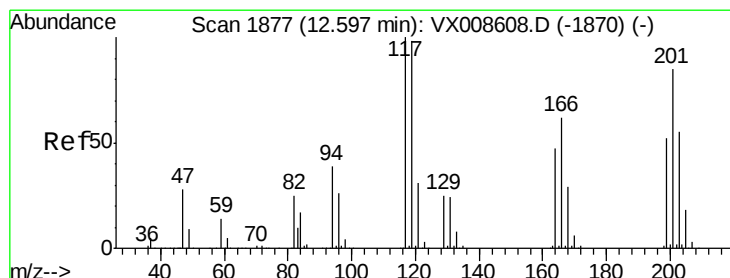
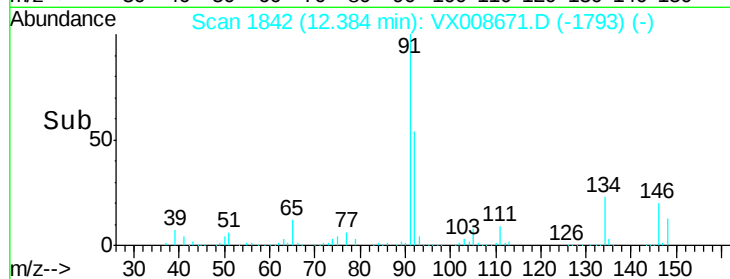
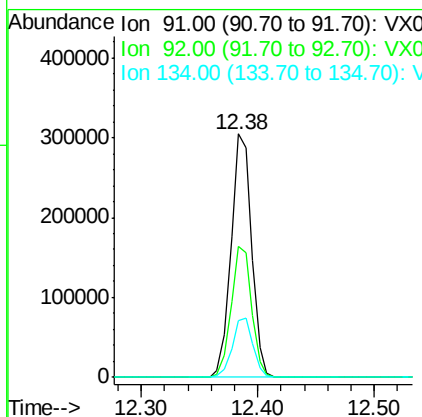
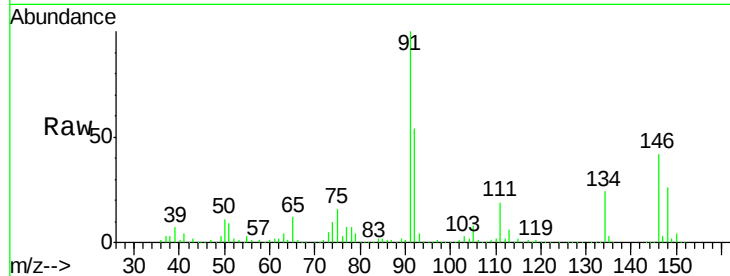
#89  
n-Butylbenzene  
Concen: 43.842 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 91      | 100  |       | 374808 |       |       |
| 92      | 53.5 | 26.4  | 79.2   |       |       |
| 134     | 24.4 | 12.0  | 36.0   |       |       |

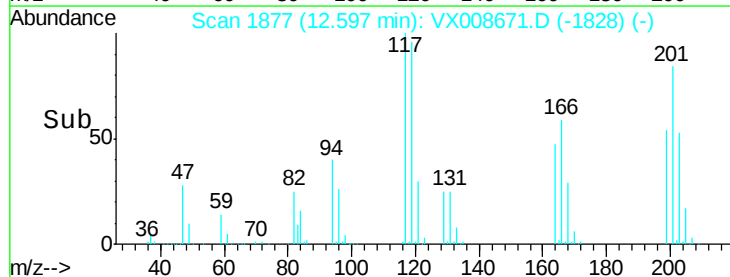
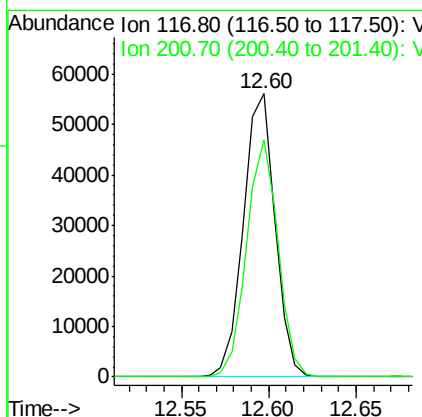
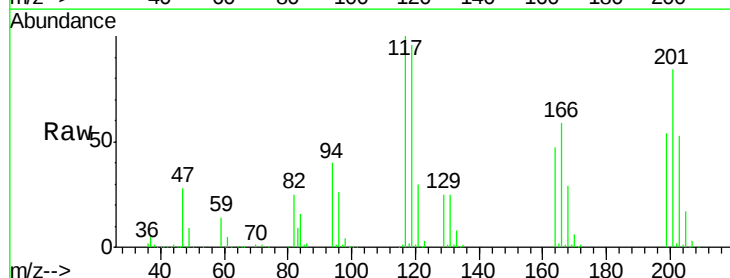
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4/5/2019 10:53:38 AM



#90  
Hexachloroethane  
Concen: 46.875 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX008671.D  
Acq: 05 Apr 2019 05:42

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 117     | 100  |       | 70873 |       |       |
| 201     | 83.2 | 40.6  | 122.0 |       |       |





#91

1,2-Dichlorobenzene

Concen: 45.415 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

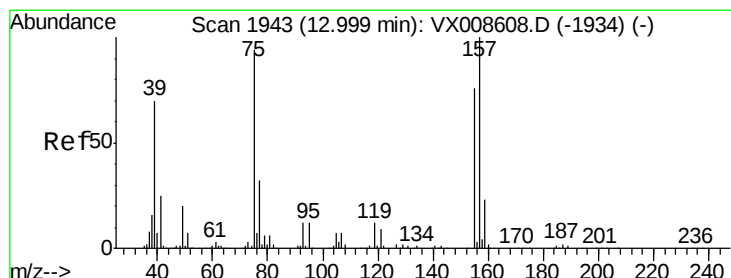
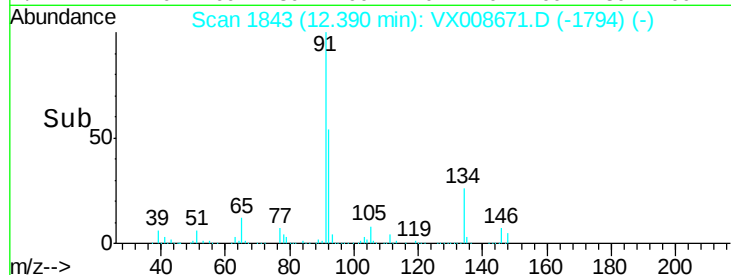
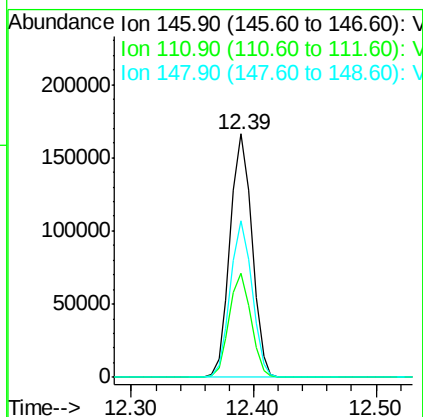
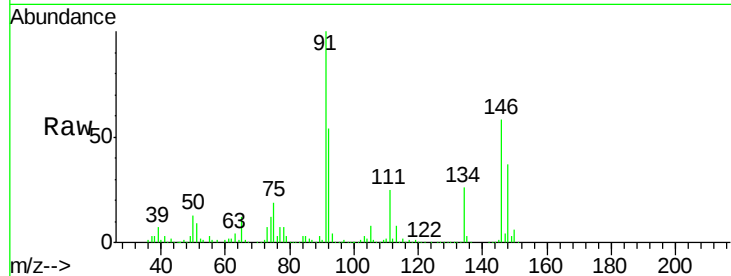
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 205471 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 42.6  | 21.3  | 63.9   |
| 148       | 63.8  | 31.7  | 95.1   |

Manual Integrations  
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MMDadoda  
4/5/2019 10:53:38 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.383 ug/l

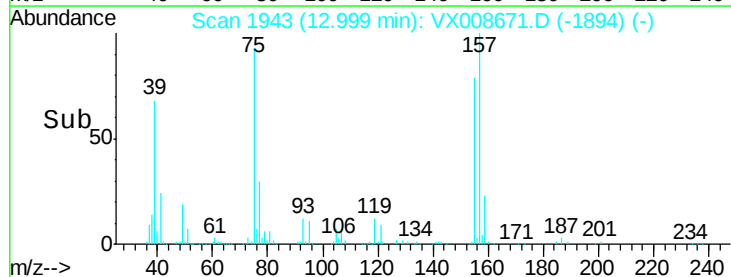
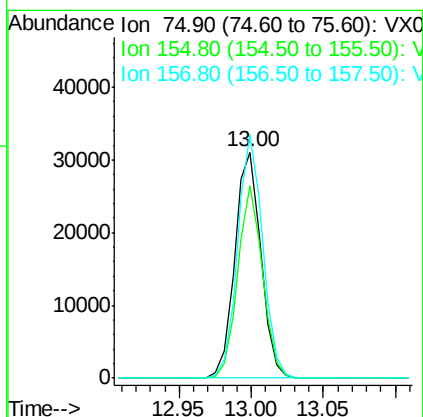
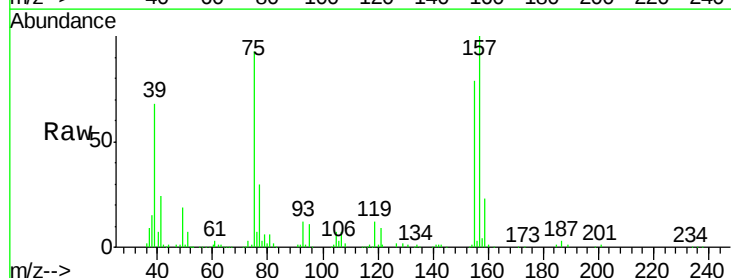
RT: 13.00 min Scan# 1943

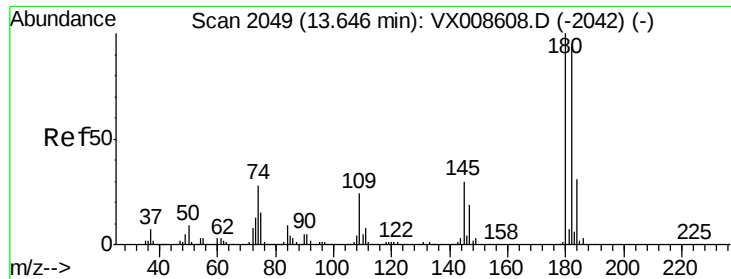
Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 39315 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 80.6  | 39.9  | 119.6 |
| 157       | 102.9 | 51.5  | 154.7 |





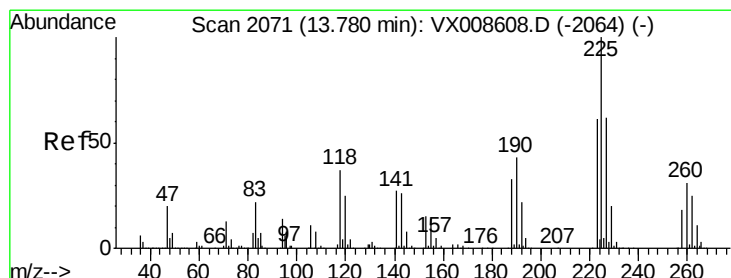
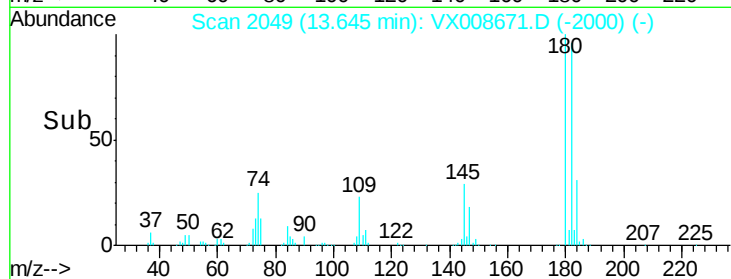
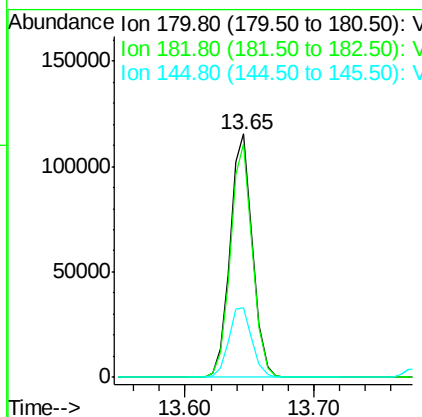
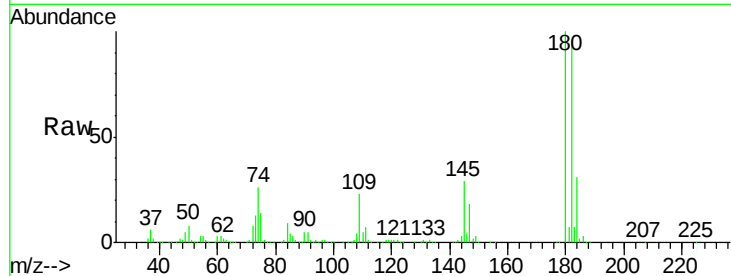
#93  
 1,2,4-Trichlorobenzene  
 Concen: 44.525 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 140060 |       |       |
| 182     | 94.4  | 47.2   | 141.6 |       |
| 145     | 29.8  | 15.3   | 45.9  |       |

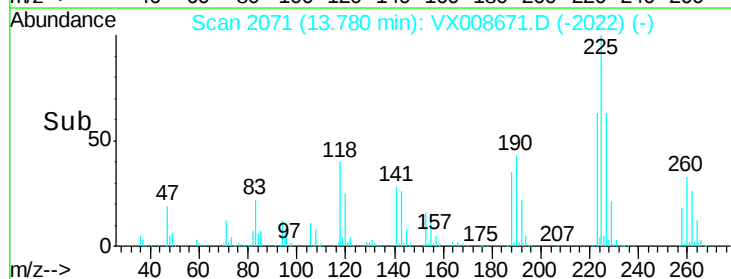
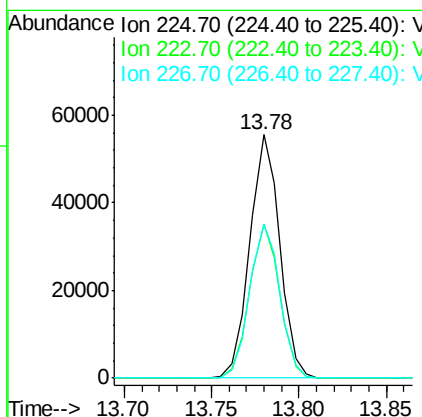
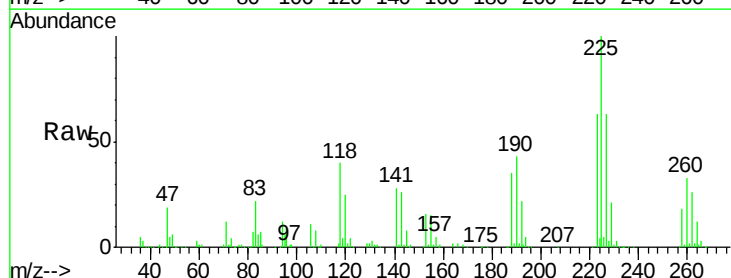
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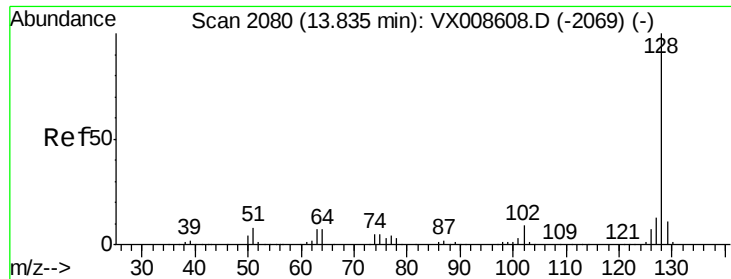
MMDadoda  
 4/5/2019 10:53:38 AM



#94  
 Hexachlorobutadiene  
 Concen: 43.802 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX008671.D  
 Acq: 05 Apr 2019 05:42

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 66080 |       |       |
| 223     | 63.5  | 31.2  | 93.6  |       |
| 227     | 63.9  | 31.9  | 95.5  |       |





#95

Naphthalene

Concen: 45.923 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA\_X

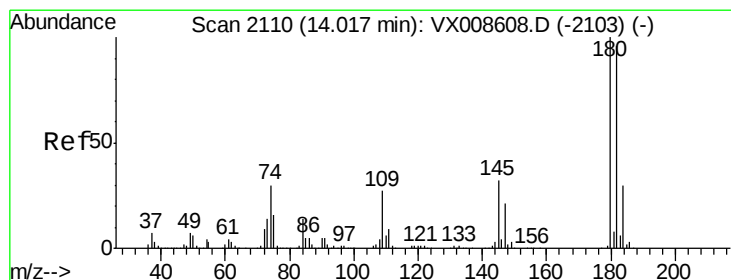
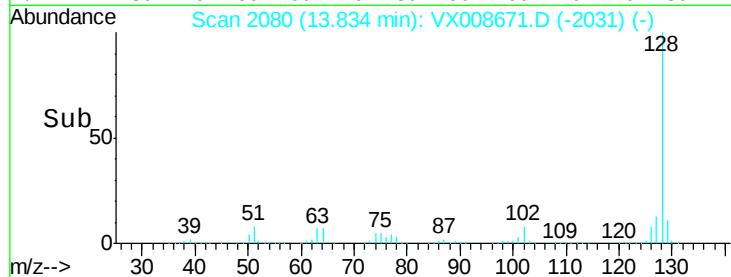
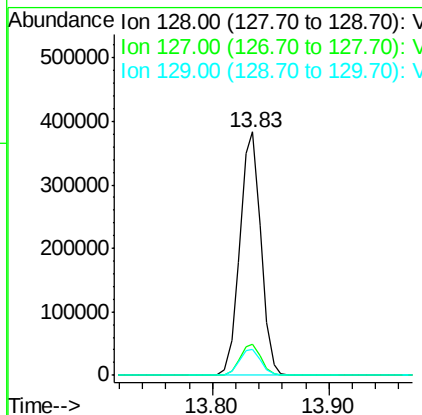
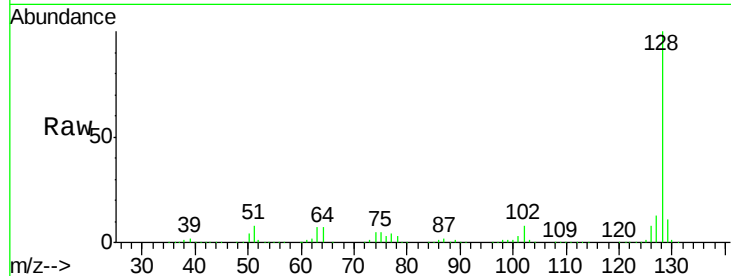
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 482816 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.4  | 15.6   |
| 129       | 10.9  | 8.6   | 13.0   |

Manual Integrations  
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4/5/2019 10:53:38 AM



#96

1,2,3-Trichlorobenzene

Concen: 44.865 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008671.D

Acq: 05 Apr 2019 05:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 141008 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.1  | 48.1  | 144.3  |
| 145       | 32.2  | 16.3  | 48.8   |

