

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042619\  
 Data File : VX009189.D  
 Acq On : 26 Apr 2019 15:00  
 Operator : JC/SP  
 Sample : VX0426WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0426WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 4/29/2019 11:25:28 AM

Quant Time: Apr 27 05:20:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X041519W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 17 06:47:58 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 192257   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 316116   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 282433   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 132781   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 124705   | 46.03 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.06% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 91781    | 45.24 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.48% |      |
| 50) Toluene-d8            | 8.71   | 98  | 360590   | 44.57 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.14% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 132221   | 46.29 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.58% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 40071  | 18.095  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 48447  | 17.820  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 47215  | 17.844  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 18208  | 13.991  | ug/l | 99     |
| 6) Chloroethane               | 1.71 | 64  | 29919  | 19.229  | ug/l | 94     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 56664  | 18.342  | ug/l | 100    |
| 8) Diethyl Ether              | 2.19 | 74  | 26829  | 18.989  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 34632  | 17.533  | ug/l | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 12366  | 9.635   | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.05 | 59  | 64413  | 107.101 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 36862  | 17.879  | ug/l | 96     |
| 13) Acrolein                  | 2.29 | 56  | 66070  | 127.142 | ug/l | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 85240  | 18.950  | ug/l | 99     |
| 15) Acrylonitrile             | 3.14 | 53  | 150505 | 98.582  | ug/l | 100    |
| 16) Acetone                   | 2.45 | 43  | 132707 | 94.450  | ug/l | 97     |
| 17) Carbon Disulfide          | 2.57 | 76  | 100285 | 17.391  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 70424  | 20.083  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 139119 | 18.937  | ug/l | 99     |
| 20) Methylene Chloride        | 2.85 | 84  | 44155  | 18.376  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 37763  | 17.172  | ug/l | 97     |
| 22) Diisopropyl ether         | 3.86 | 45  | 169810 | 19.428  | ug/l | 89     |
| 23) Vinyl Acetate             | 3.81 | 43  | 751933 | 97.866  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 81745  | 18.631  | ug/l | 100    |
| 25) 2-Butanone                | 4.68 | 43  | 226431 | 100.820 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 54421  | 16.547  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 45010  | 18.027  | ug/l | 99     |
| 28) Bromochloromethane        | 5.02 | 49  | 38233  | 19.814  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.13 | 42  | 149995 | 99.783  | ug/l | 99     |
| 30) Chloroform                | 5.21 | 83  | 73317  | 18.673  | ug/l | 98     |
| 31) Cyclohexane               | 5.57 | 56  | 77344  | 17.923  | ug/l | 93     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 60453  | 18.577  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 55421  | 16.952  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.84 | 43  | 83699  | 19.896  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 50064  | 18.063  | ug/l | 93     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042619\  
 Data File : VX009189.D  
 Acq On : 26 Apr 2019 15:00  
 Operator : JC/SP  
 Sample : VX0426WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0426WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 4/29/2019 11:25:28 AM

Quant Time: Apr 27 05:20:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X041519W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 17 06:47:58 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 67932    | 17.066  | ug/l  | 94       |
| 40) Benzene                    | 6.14  | 78   | 177365   | 18.390  | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.04  | 41   | 48049    | 19.901  | ug/l  | 99       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 62560    | 18.311  | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.45  | 43   | 130589   | 19.263  | ug/l  | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 40362    | 17.080  | ug/l  | 96       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 50258    | 18.783  | ug/l  | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 28502    | 18.304  | ug/l  | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 55805    | 18.271  | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 66003    | 19.704  | ug/l  | 98       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 27167    | 433.305 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 435451   | 100.823 | ug/l  | 99       |
| 52) Toluene                    | 8.78  | 92   | 106463   | 18.418  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 62494    | 17.779  | ug/l  | 97       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 69436    | 17.642  | ug/l  | 100      |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 43843    | 19.138  | ug/l  | 95       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 77612    | 18.894  | ug/l  | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 76169    | 18.674  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 191618   | 86.625  | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 339807   | 102.049 | ug/l  | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 41220    | 18.774  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 44087    | 18.646  | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 36982    | 17.236  | ug/l  | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 107951   | 18.108  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 38753    | 18.453  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 199806   | 18.335  | ug/l  | 97       |
| 68) m/p-Xylenes                | 10.36 | 106  | 145537   | 36.747  | ug/l  | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 71863    | 18.648  | ug/l  | 98       |
| 70) Styrene                    | 10.71 | 104  | 123382   | 18.476  | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 29813    | 17.819  | ug/l  | 97       |
| 73) Isopropylbenzene           | 11.02 | 105  | 191913   | 19.068  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 116184   | 20.105  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 71790    | 19.522  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 70878m   | 21.861  | ug/l  |          |
| 77) Bromobenzene               | 11.26 | 156  | 46589    | 18.347  | ug/l  | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 215838   | 18.684  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 131126   | 18.837  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 159767   | 18.917  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 20995    | 16.624  | ug/l  | 92       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 149070   | 18.439  | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 152444   | 18.800  | ug/l  | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 161212   | 18.752  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 182297   | 18.850  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 164586   | 18.511  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 80945    | 18.212  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 81956    | 18.191  | ug/l  | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 143903   | 17.378  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 26508    | 18.074  | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 83835    | 19.102  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 17189    | 20.529  | ug/l  | 98       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042619\  
Data File : VX009189.D  
Acq On : 26 Apr 2019 15:00  
Operator : JC/SP  
Sample : VX0426WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

Manual Integrations  
APPROVED

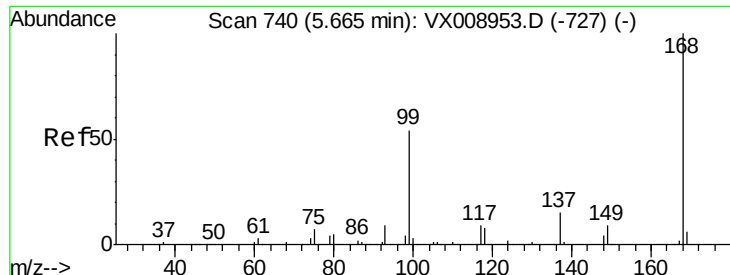
MMDadoda  
4/29/2019 11:25:28 AM

Quant Time: Apr 27 05:20:26 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X041519W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 17 06:47:58 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 56165    | 17.728 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 27745    | 17.559 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 200847   | 19.788 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 59631    | 19.076 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion:168 Resp: 192257

Ion Ratio Lower Upper

168 100

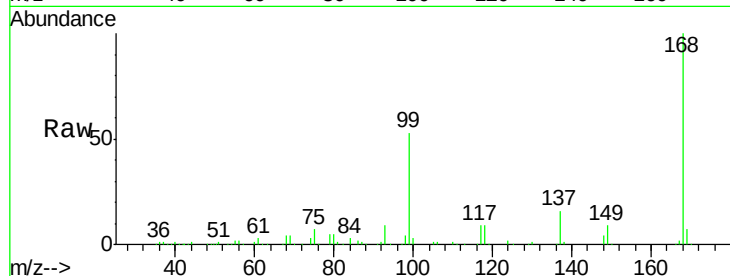
99 53.1 43.0 64.6

Manual Integrations

APPROVED

MMDadoda

4/29/2019 11:25:28 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

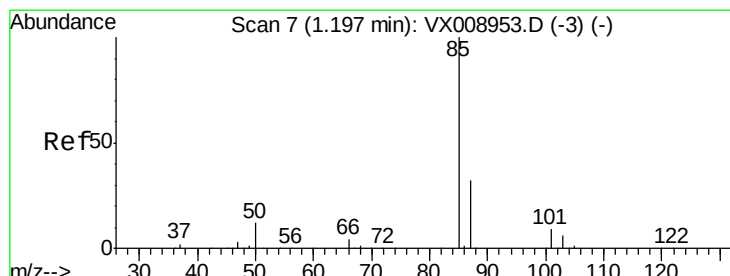
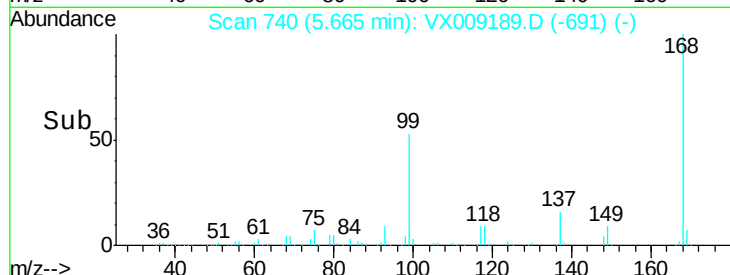
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.095 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009189.D

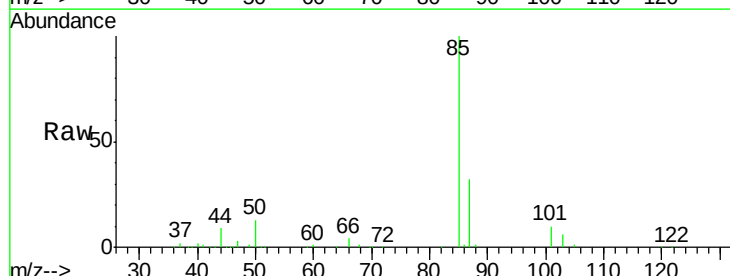
Acq: 26 Apr 2019 15:00

Tgt Ion: 85 Resp: 40071

Ion Ratio Lower Upper

85 100

87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

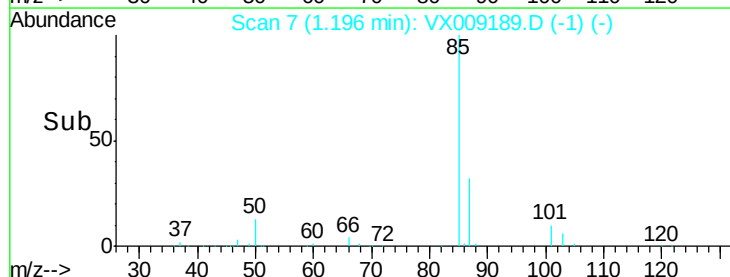
30000

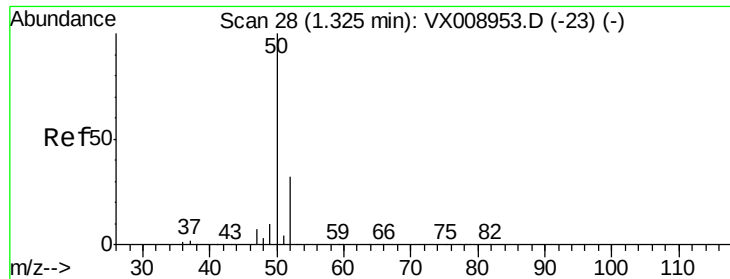
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.820 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 50 Resp: 48447

Ion Ratio Lower Upper

50 100

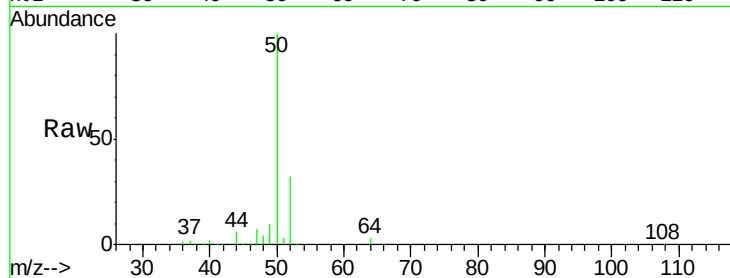
52 31.4 25.5 38.3

Manual Integrations

APPROVED

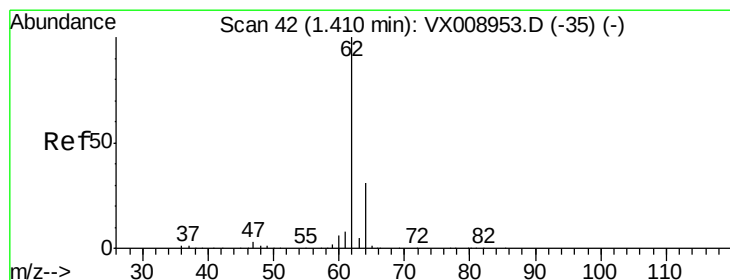
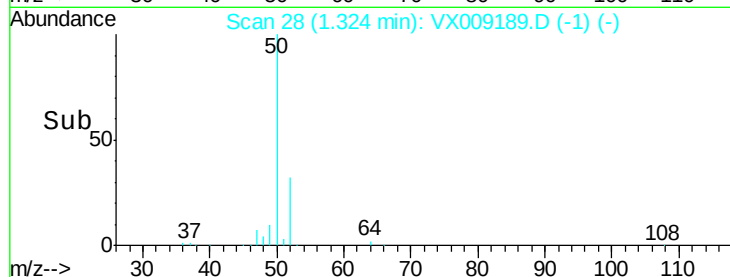
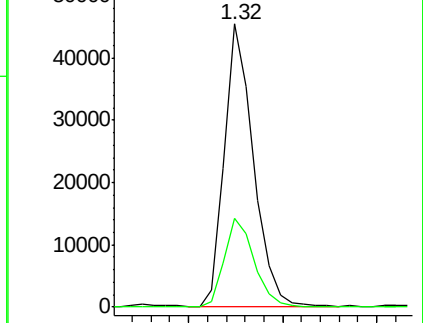
MMDadoda

4/29/2019 11:25:28 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.844 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009189.D

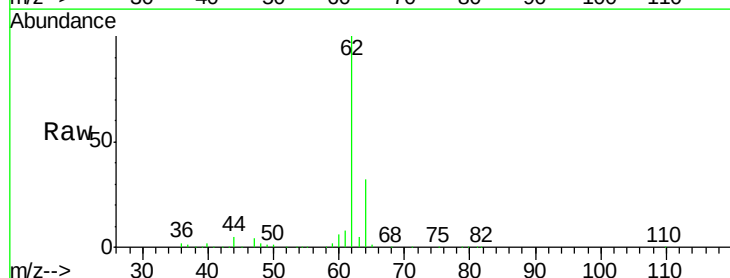
Acq: 26 Apr 2019 15:00

Tgt Ion: 62 Resp: 47215

Ion Ratio Lower Upper

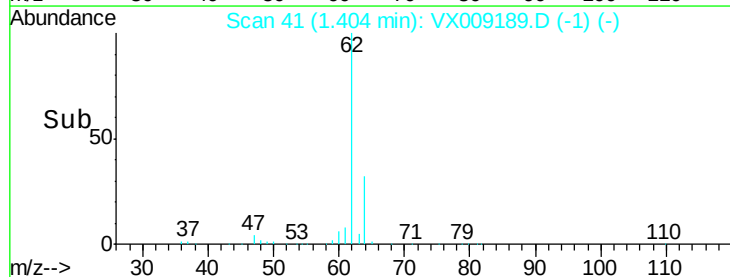
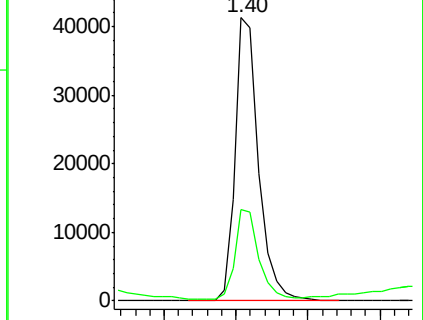
62 100

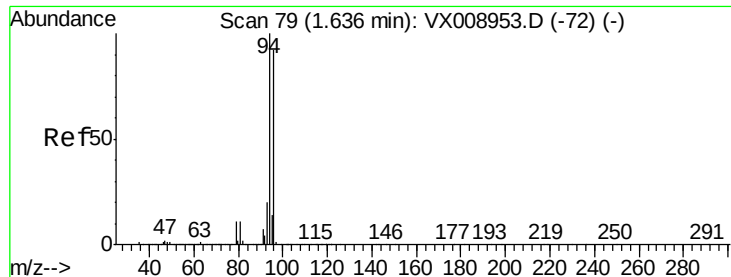
64 31.6 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.991 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 94 Resp: 18208

Ion Ratio Lower Upper

94 100

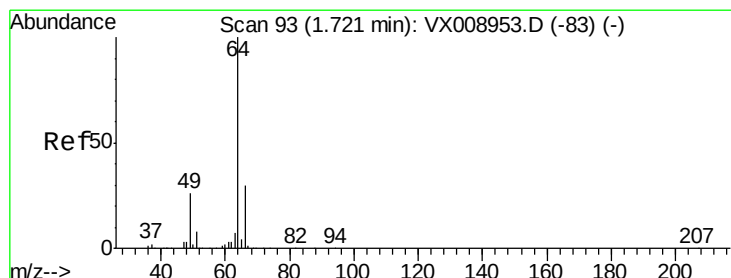
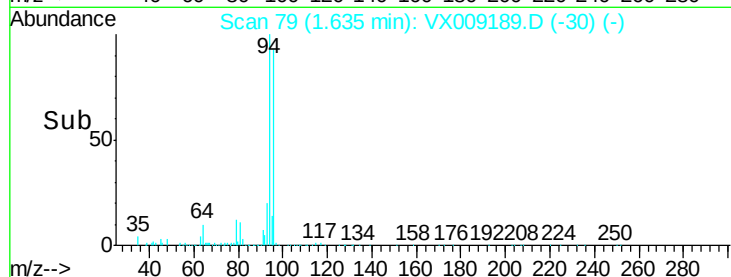
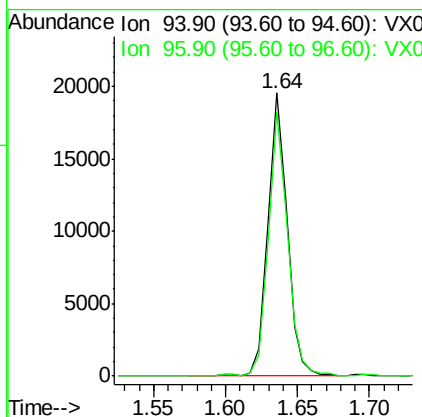
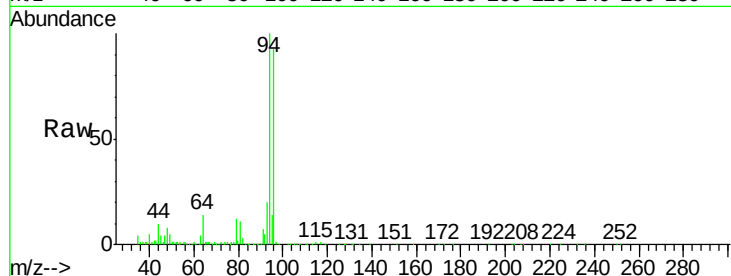
96 93.5 73.9 110.9

Manual Integrations

APPROVED

MMDadoda

4/29/2019 11:25:28 AM



#6

Chloroethane

Concen: 19.229 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009189.D

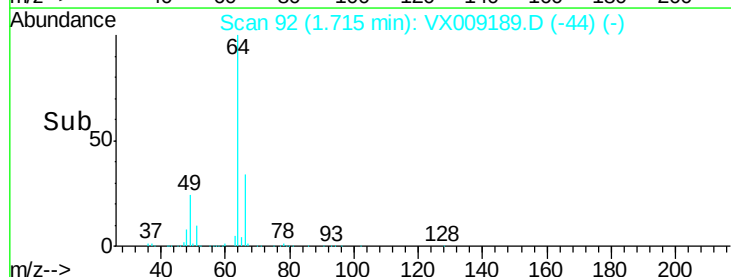
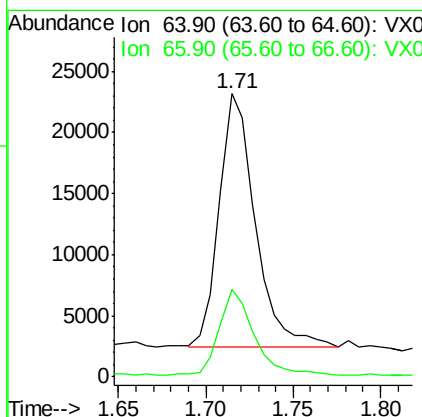
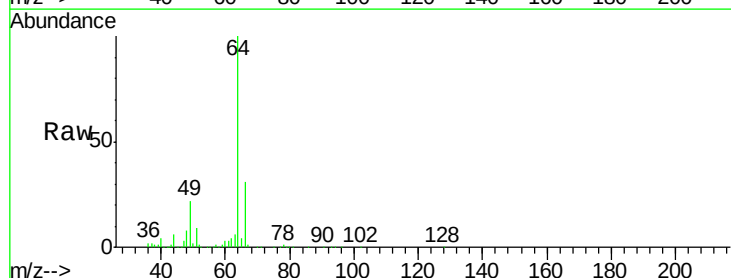
Acq: 26 Apr 2019 15:00

Tgt Ion: 64 Resp: 29919

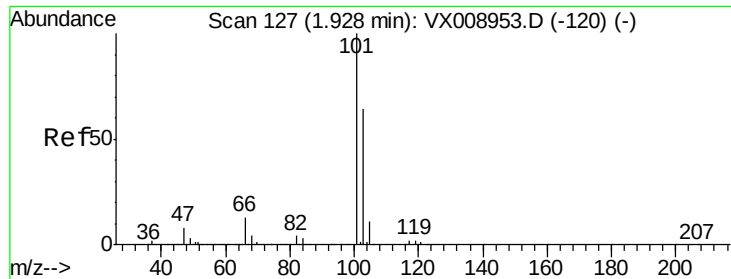
Ion Ratio Lower Upper

64 100

66 33.5 24.2 36.2







#7

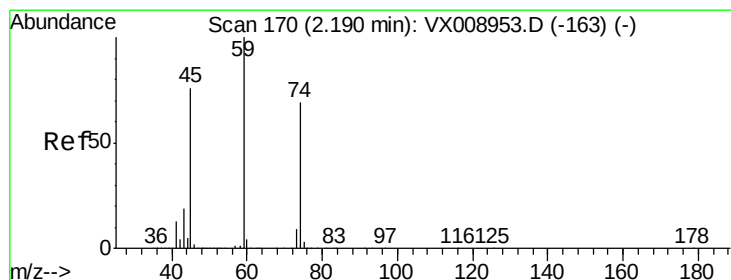
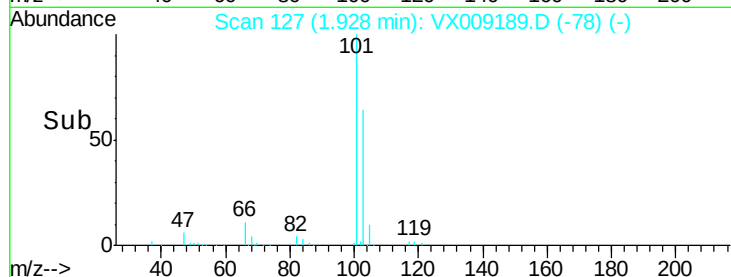
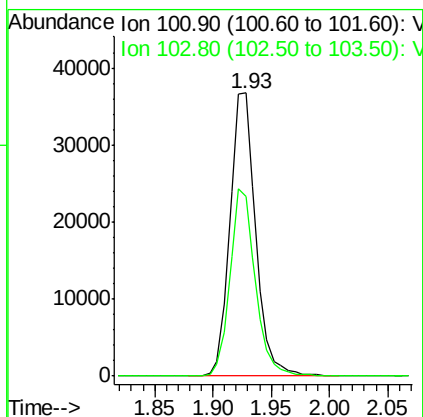
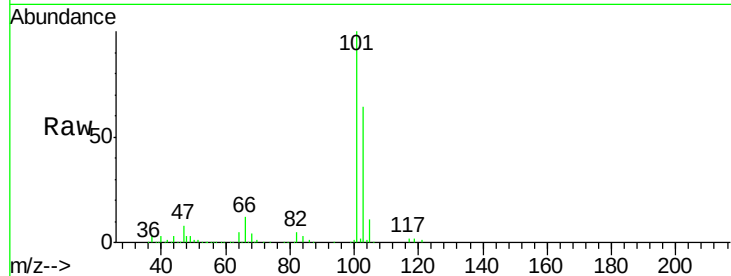
Trichlorofluoromethane  
 Concen: 18.342 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. -0.00 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0426WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.7  | 51.0  | 76.6  |

Manual Integrations  
 APPROVED

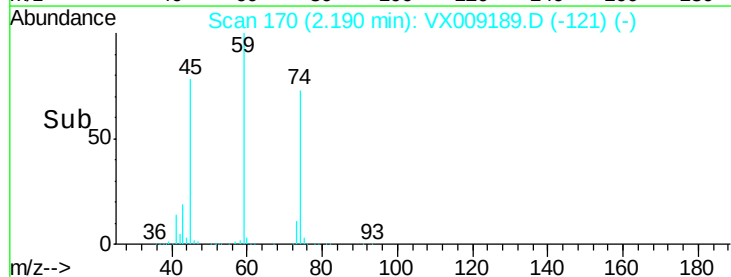
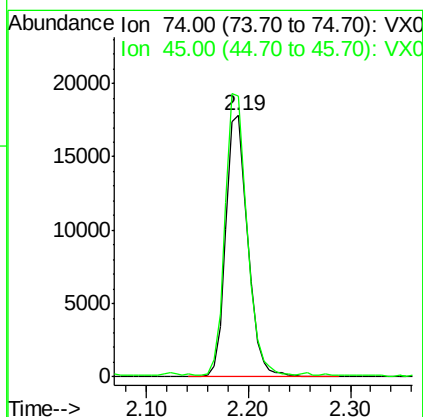
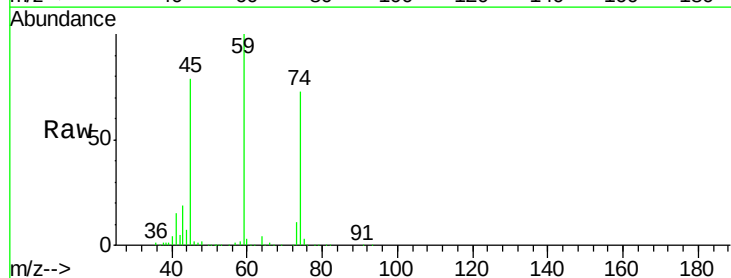
MMDadoda  
 4/29/2019 11:25:28 AM



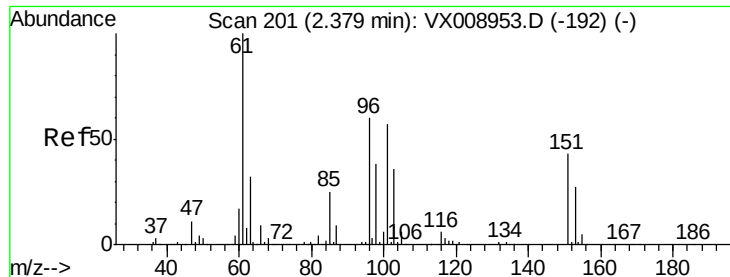
#8

Diethyl Ether  
 Concen: 18.989 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 107.1 | 54.9  | 164.8 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.533 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

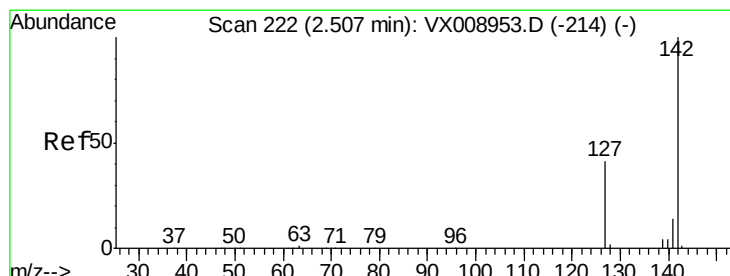
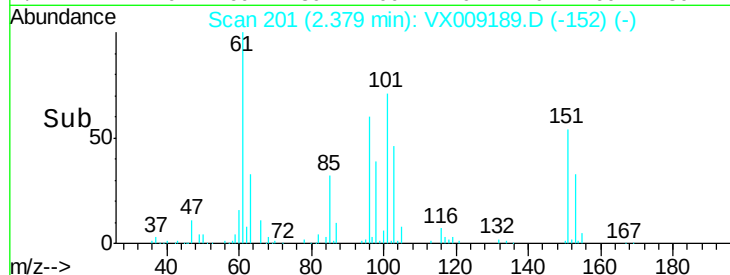
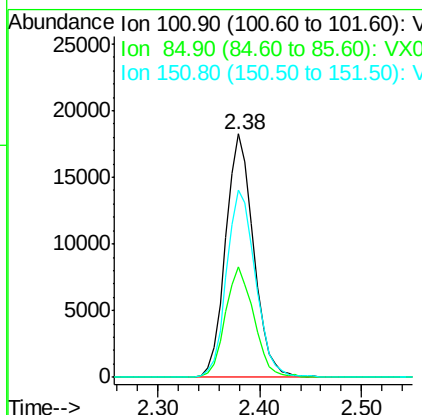
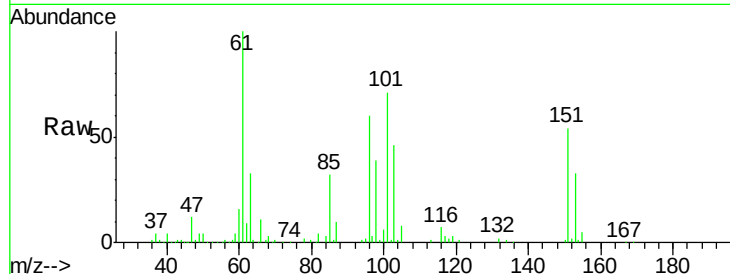
ClientSampleId :

VX0426WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 34632 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 46.2  | 35.7  | 53.5  |
| 151       | 79.5  | 62.7  | 94.1  |

Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM



#10

Methyl Iodide

Concen: 9.635 ug/l

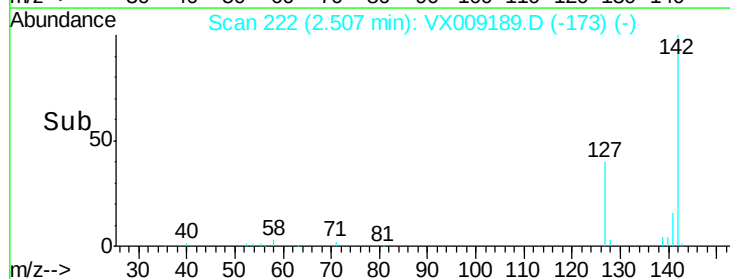
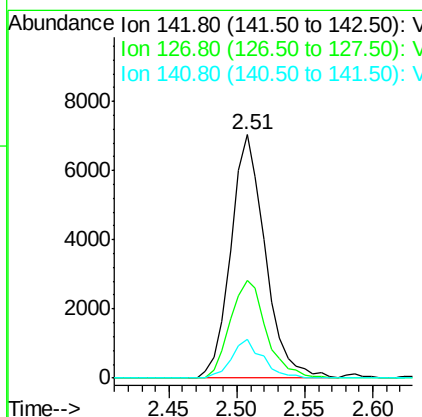
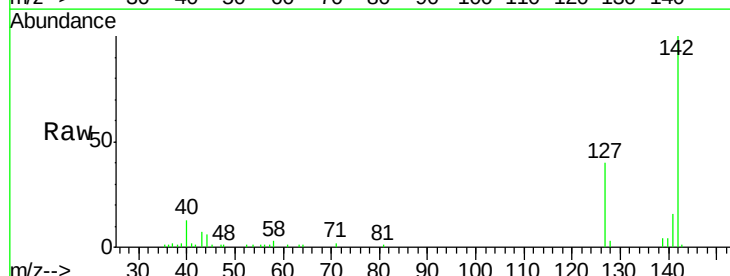
RT: 2.51 min Scan# 222

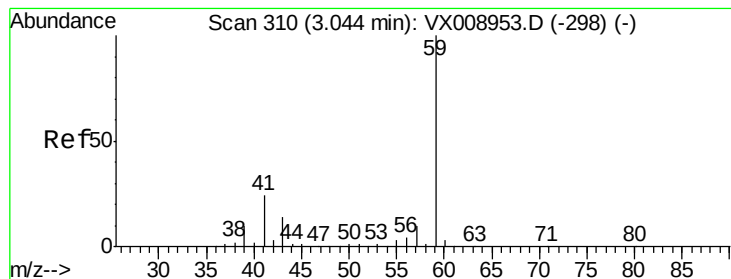
Delta R.T. 0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 12366 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 42.1  | 32.8  | 49.2  |
| 141       | 14.3  | 11.4  | 17.2  |





#11

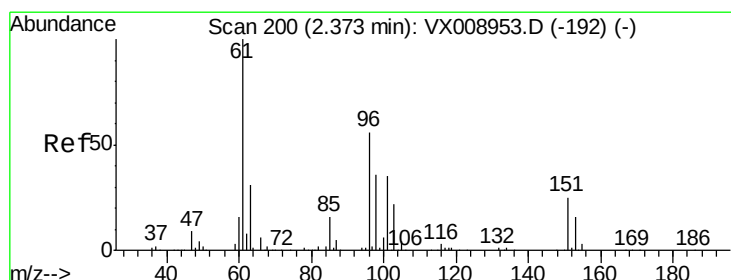
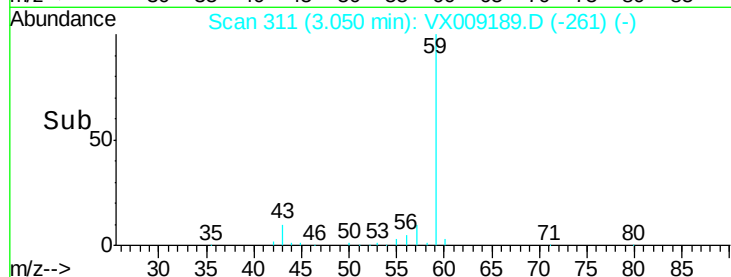
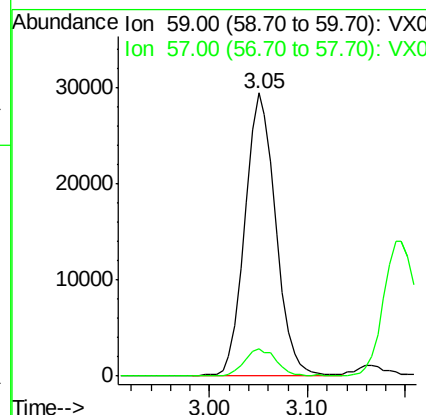
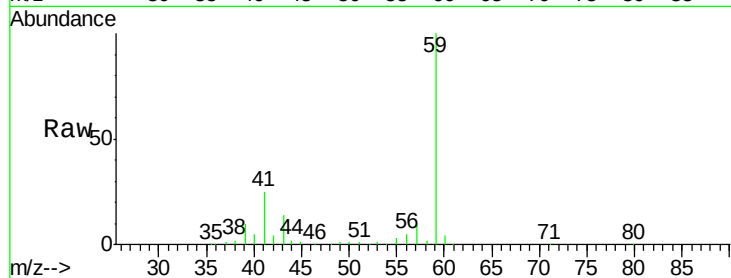
Tert butyl alcohol  
 Concen: 107.101 ug/l  
 RT: 3.05 min Scan# 311  
 Delta R.T. 0.01 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0426WBSD01

Tot Ion: 59 Resp: 64413  
 Ion Ratio Lower Upper  
 59 100  
 57 10.1 8.4 12.6

Manual Integrations  
 APPROVED

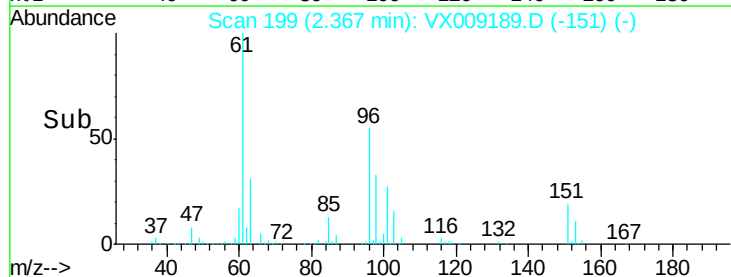
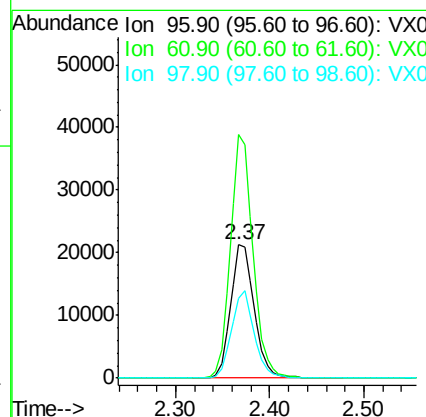
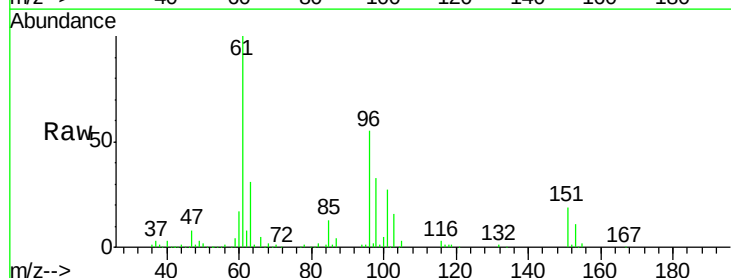
MMDadoda  
 4/29/2019 11:25:28 AM

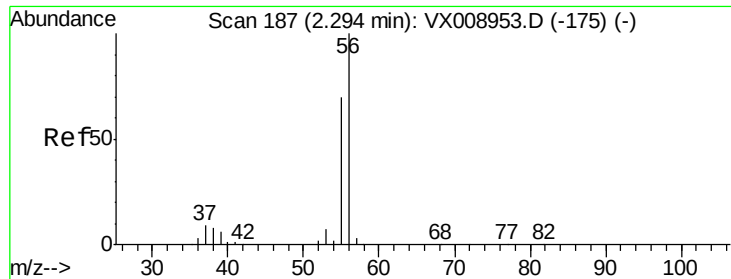


#12

1,1-Dichloroethene  
 Concen: 17.879 ug/l  
 RT: 2.37 min Scan# 199  
 Delta R.T. -0.01 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

Tgt Ion: 96 Resp: 36862  
 Ion Ratio Lower Upper  
 96 100  
 61 183.0 142.2 213.2  
 98 59.6 50.9 76.3





#13

Acrolein

Concen: 127.142 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 56 Resp: 66070

Ion Ratio Lower Upper

56 100

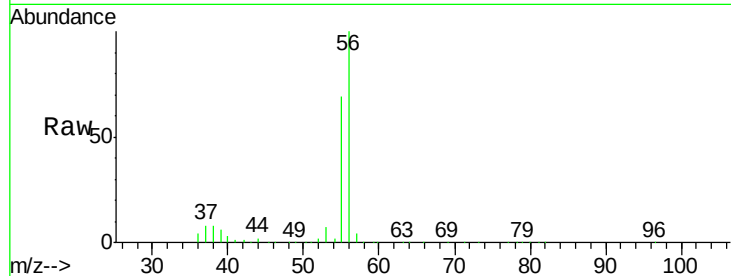
55 71.2 56.6 84.8

Manual Integrations

APPROVED

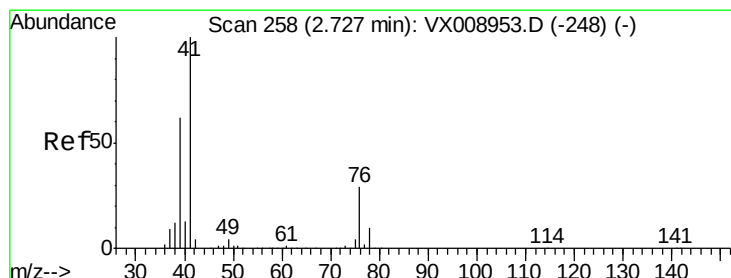
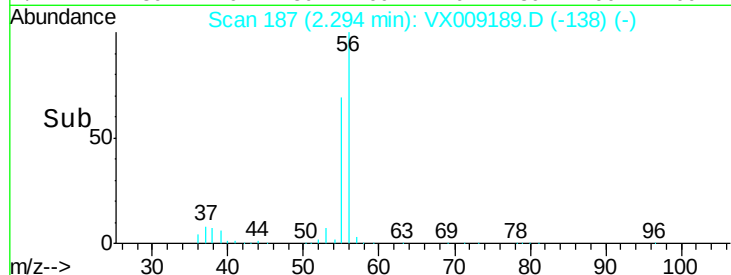
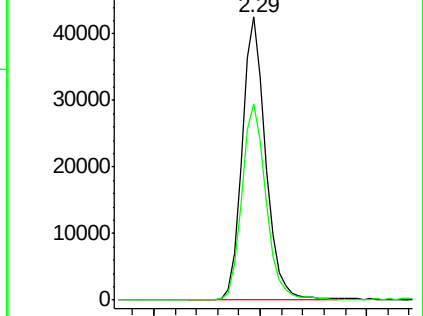
MMDadoda

4/29/2019 11:25:28 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.950 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

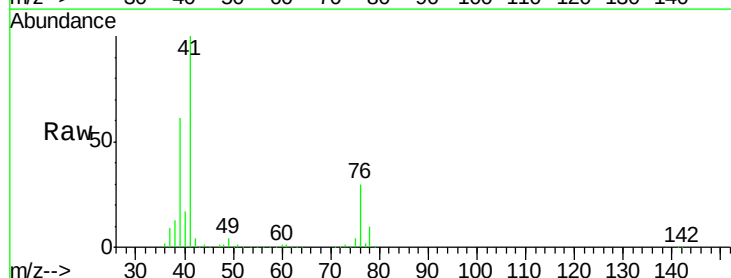
Tgt Ion: 41 Resp: 85240

Ion Ratio Lower Upper

41 100

39 58.7 46.7 70.1

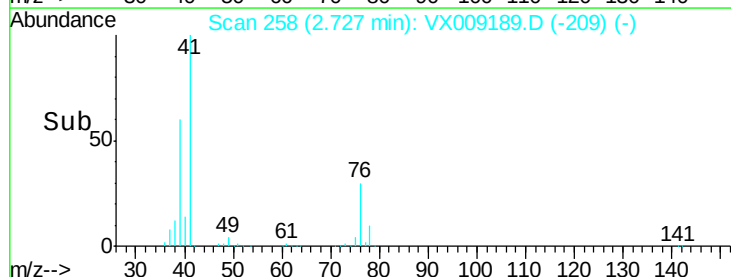
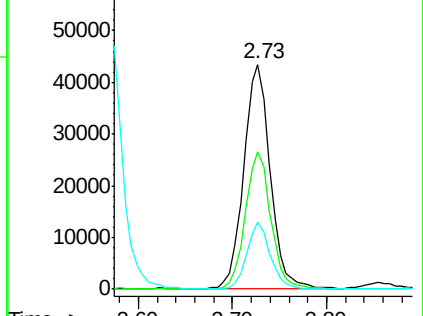
76 26.6 22.0 33.0

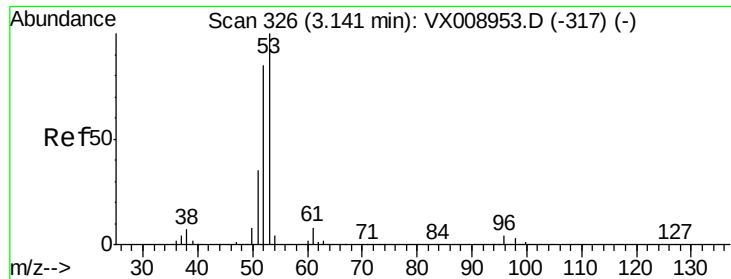


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 98.582 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

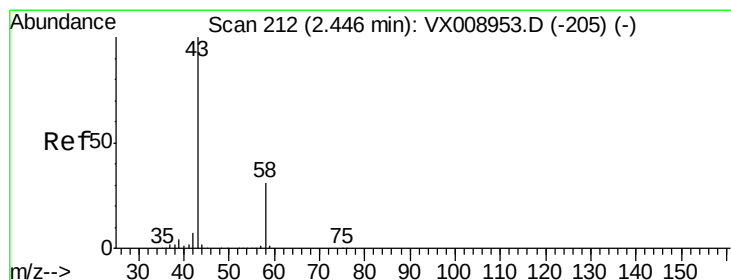
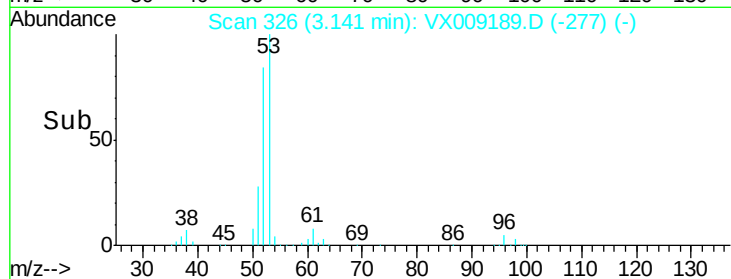
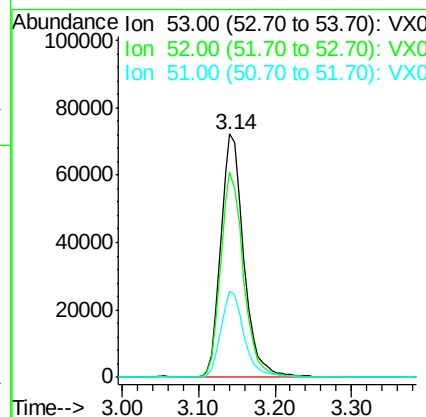
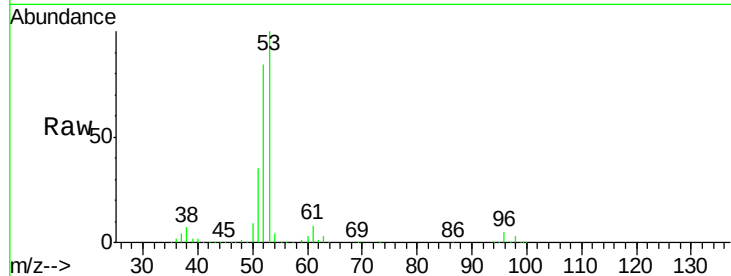
ClientSampleId :

VX0426WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 150505 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.2  | 66.6  | 100.0  |
| 51        | 36.0  | 28.3  | 42.5   |

Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM



#16

Acetone

Concen: 94.450 ug/l

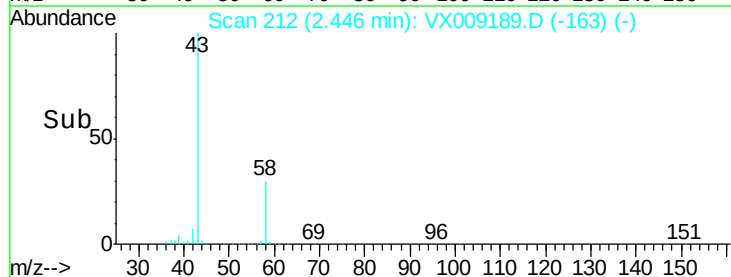
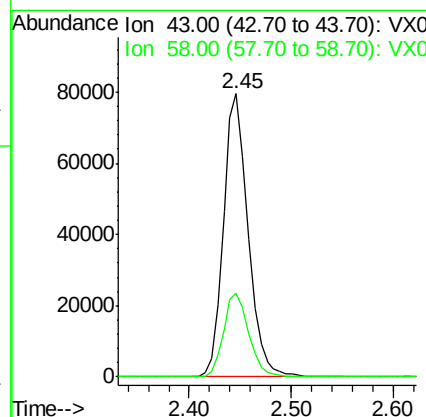
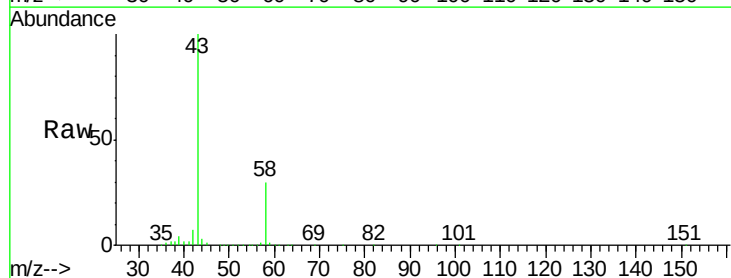
RT: 2.45 min Scan# 212

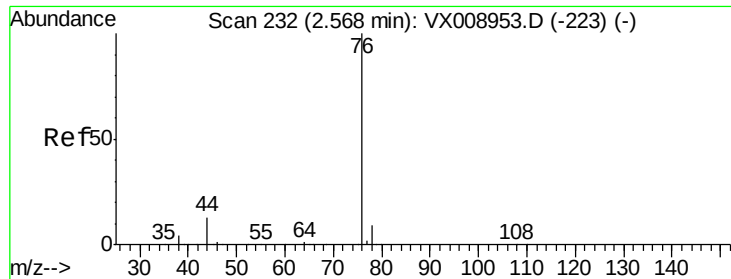
Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 132707 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 29.5  | 24.8  | 37.2   |





#17

Carbon Disulfide

Concen: 17.391 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 76 Resp: 100285

Ion Ratio Lower Upper

76 100

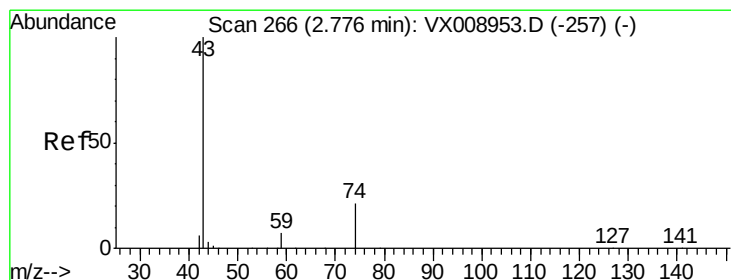
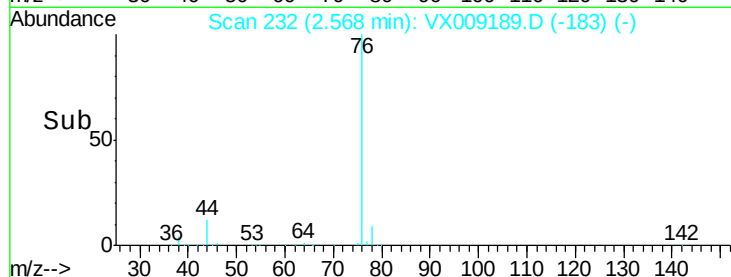
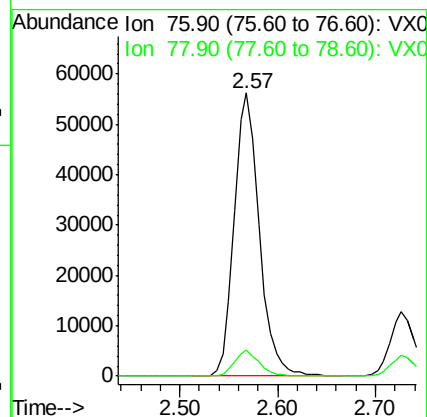
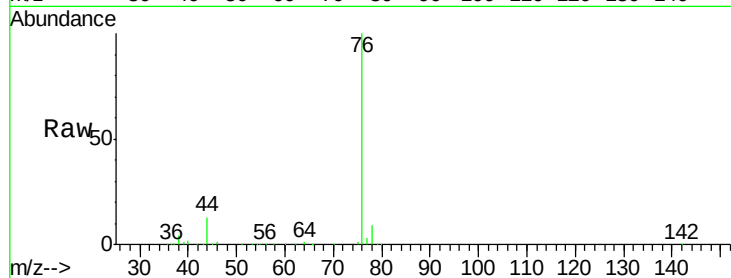
78 9.4 7.2 10.8

Manual Integrations

APPROVED

MMDadoda

4/29/2019 11:25:28 AM



#18

Methyl Acetate

Concen: 20.083 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009189.D

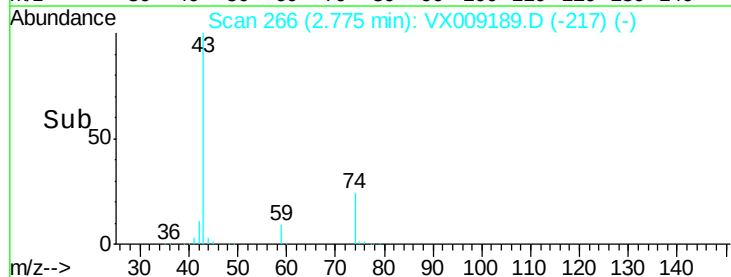
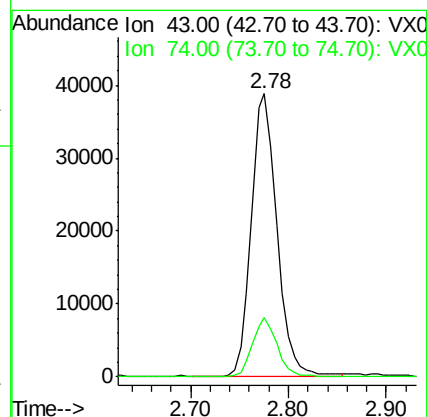
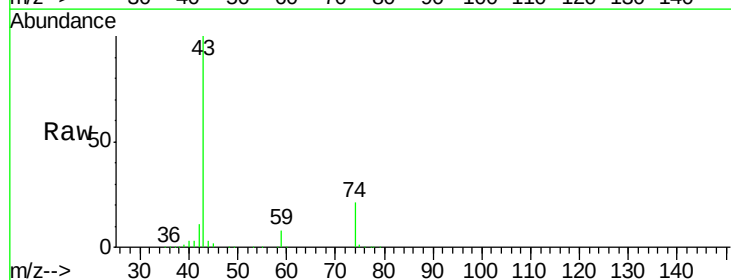
Acq: 26 Apr 2019 15:00

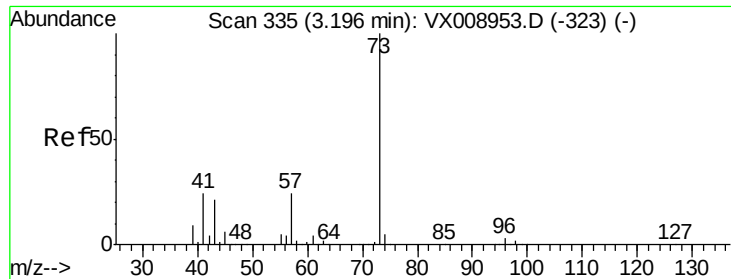
Tgt Ion: 43 Resp: 70424

Ion Ratio Lower Upper

43 100

74 20.8 16.6 25.0





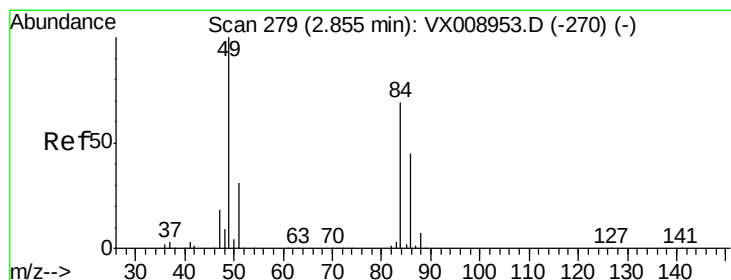
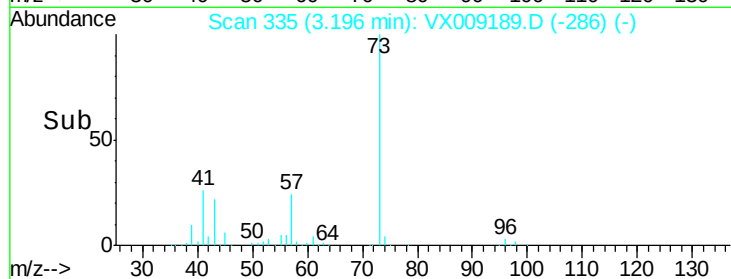
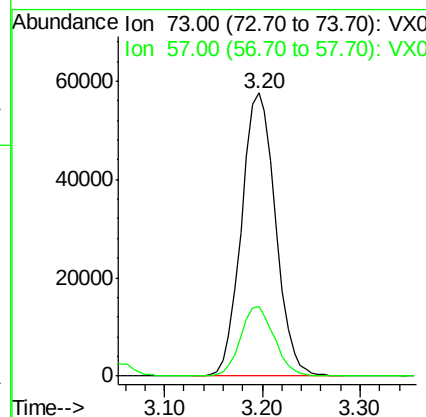
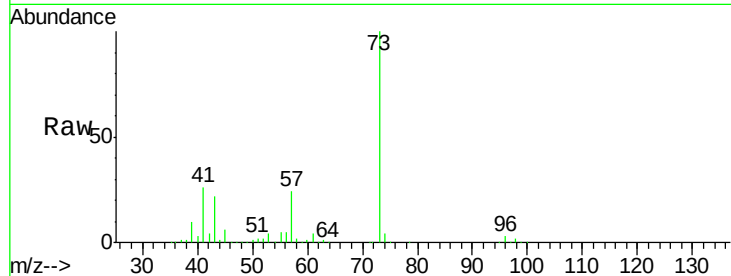
#19  
Methyl tert-butyl Ether  
Concen: 18.937 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 24.4  | 19.2  | 28.8  |

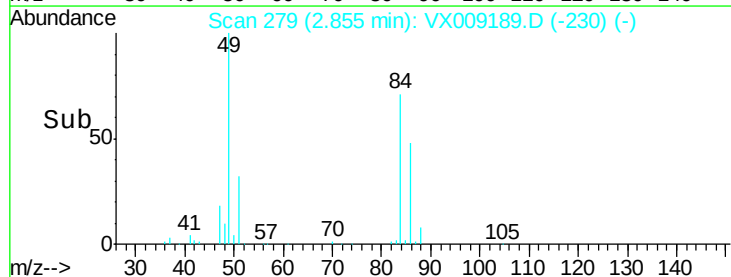
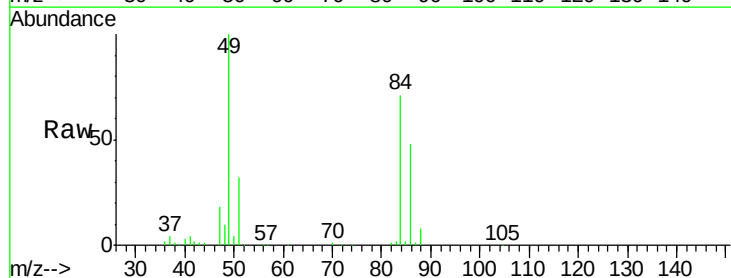
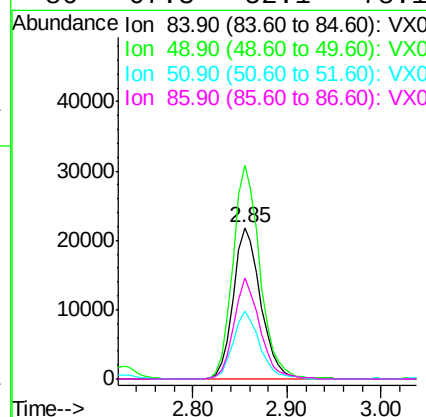
Manual Integrations  
APPROVED

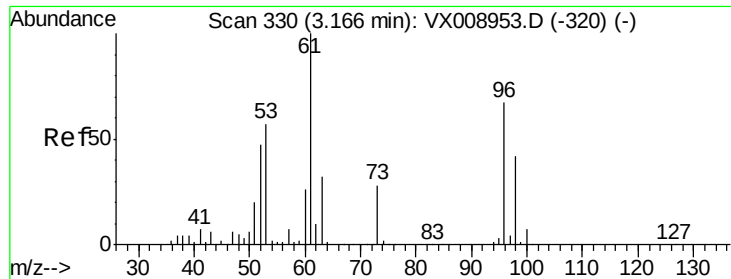
MMDadoda  
4/29/2019 11:25:28 AM



#20  
Methylene Chloride  
Concen: 18.376 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 141.4 | 115.4 | 173.0 |
| 51      | 44.7  | 35.8  | 53.6  |
| 86      | 67.3  | 52.1  | 78.1  |





#21

trans-1,2-Dichloroethene

Concen: 17.172 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 96 Resp: 37763

Ion Ratio Lower Upper

96 100

61 155.3 120.3 180.5

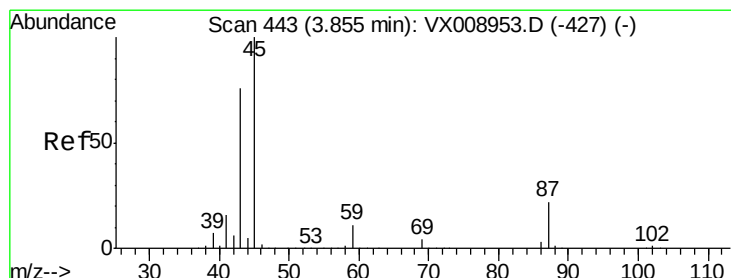
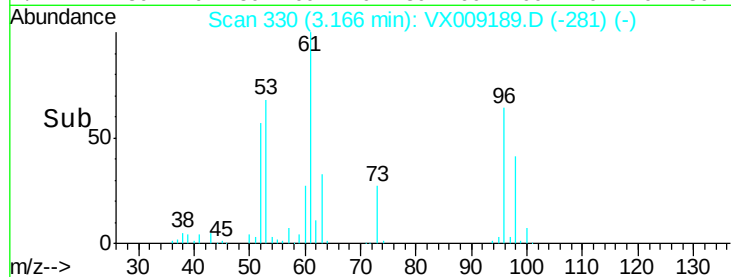
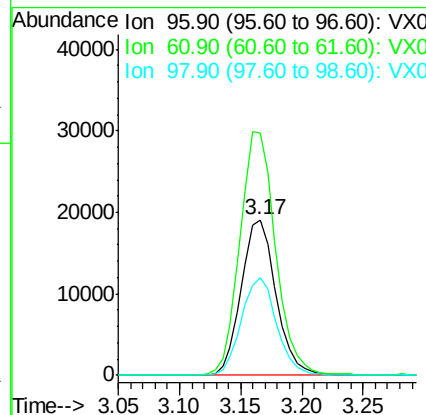
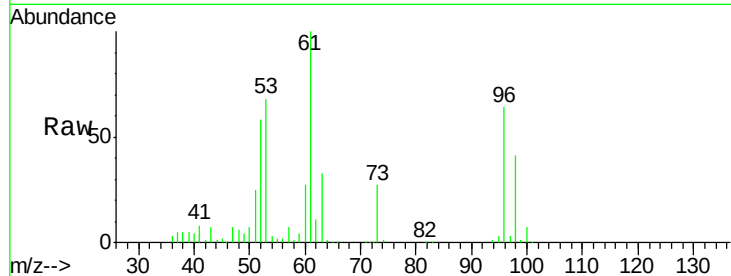
98 62.9 50.2 75.2

Manual Integrations

APPROVED

MMDadoda

4/29/2019 11:25:28 AM



#22

Diisopropyl ether

Concen: 19.428 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Tgt Ion: 45 Resp: 169810

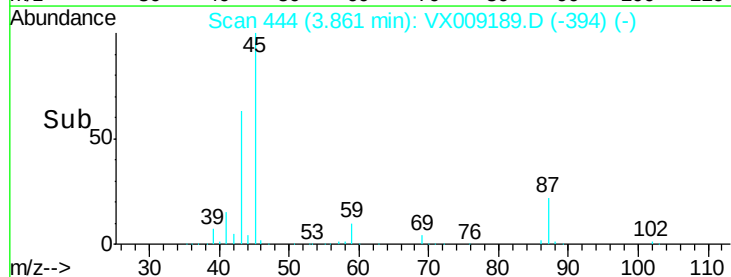
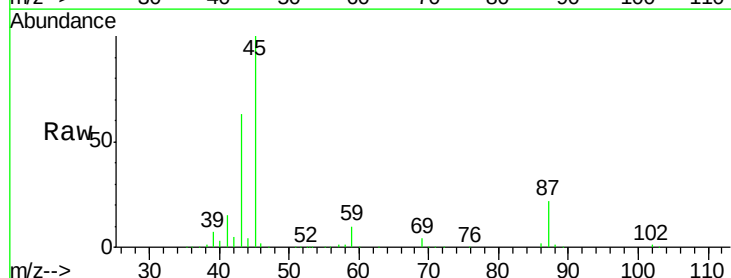
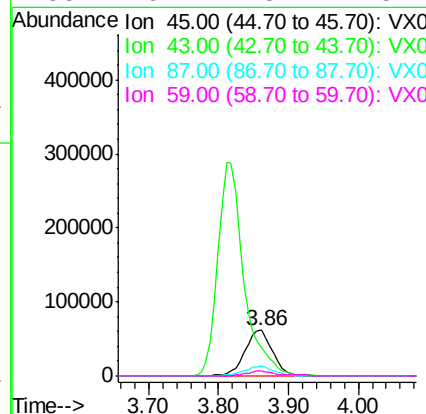
Ion Ratio Lower Upper

45 100

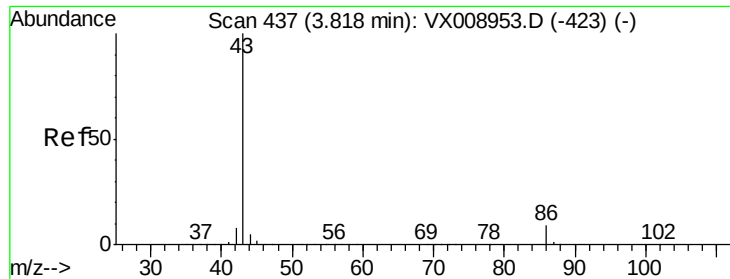
43 62.4 60.6 91.0

87 22.0 17.8 26.8

59 10.2 8.7 13.1







#23

Vinyl Acetate

Concen: 97.866 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 43 Resp: 751933

Ion Ratio Lower Upper

43 100

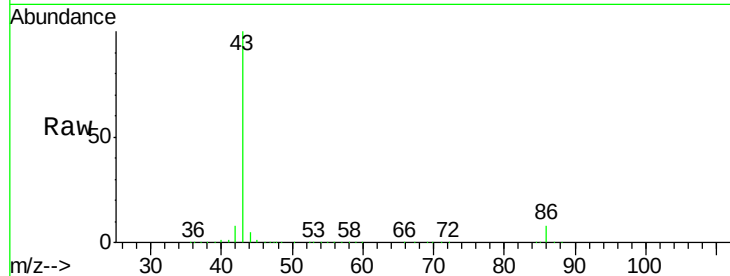
86 8.5 7.1 10.7

Manual Integrations

APPROVED

MMDadoda

4/29/2019 11:25:28 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

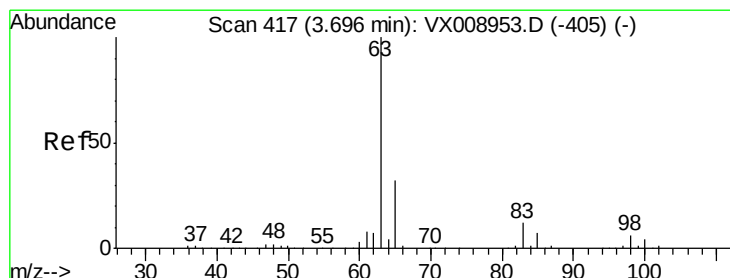
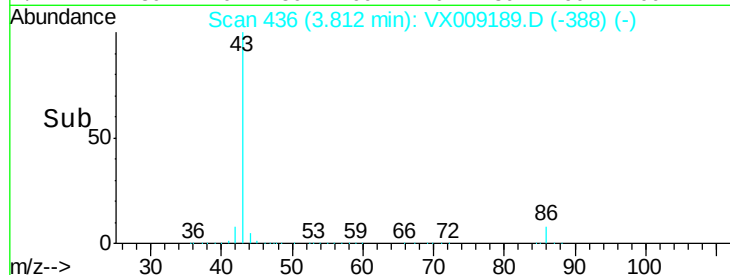
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.631 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

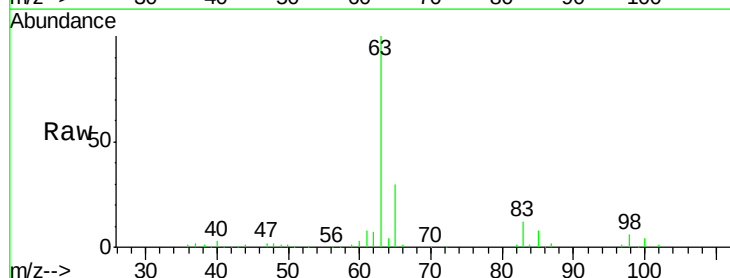
Tgt Ion: 63 Resp: 81745

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 3.8 1.9 5.7



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

40000

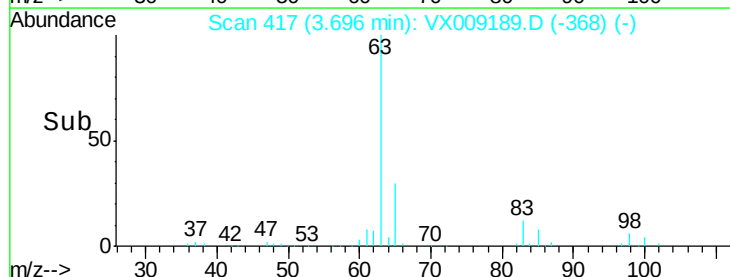
30000

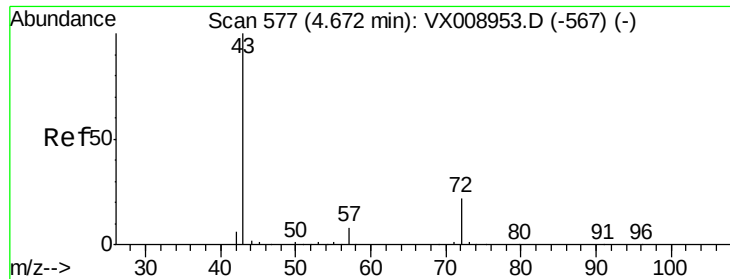
20000

10000

0

Time-->





#25

2-Butanone

Concen: 100.820 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 43 Resp: 226431

Ion Ratio Lower Upper

43 100

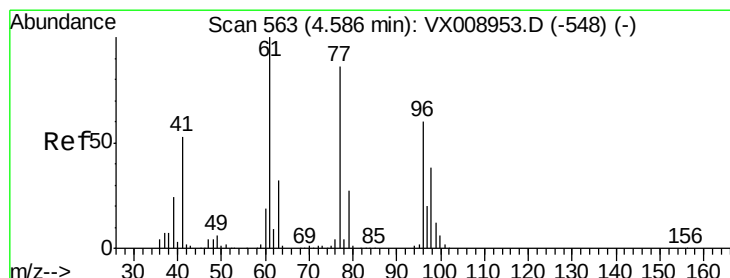
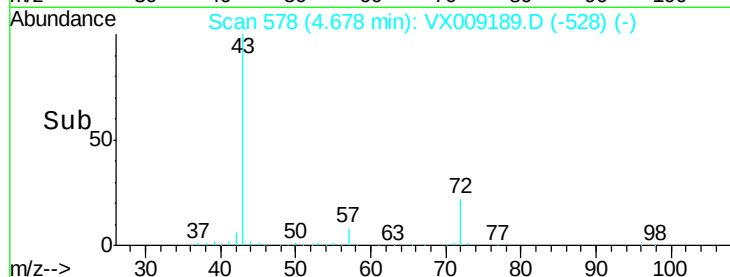
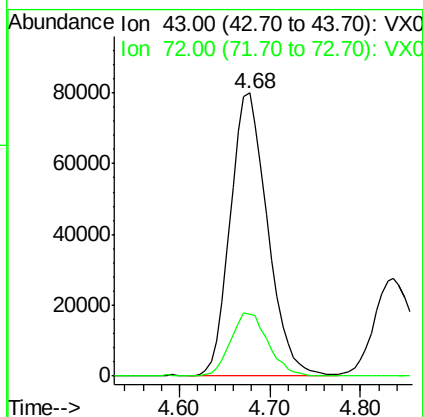
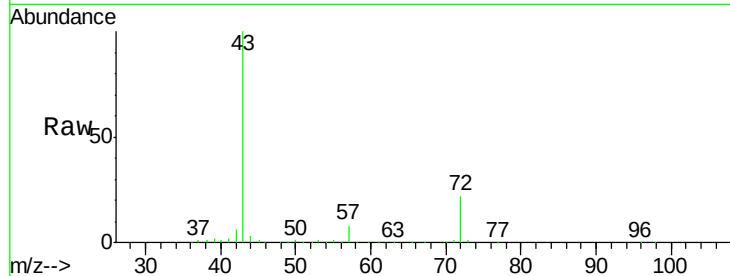
72 22.0 17.5 26.3

Manual Integrations

APPROVED

MMDadoda

4/29/2019 11:25:28 AM



#26

2,2-Dichloropropane

Concen: 16.547 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009189.D

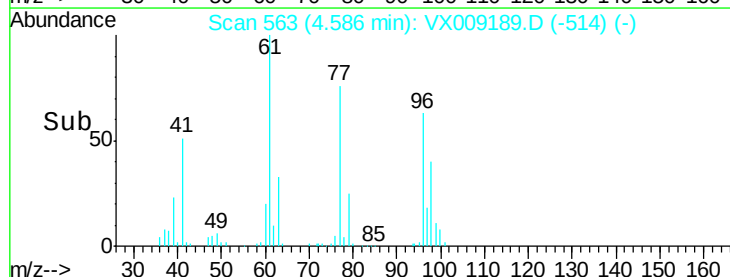
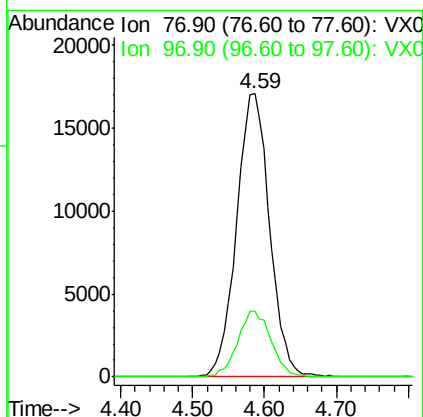
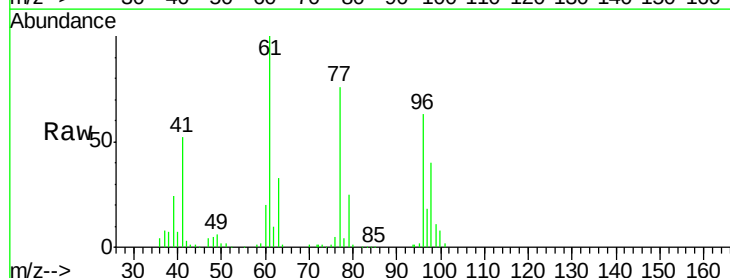
Acq: 26 Apr 2019 15:00

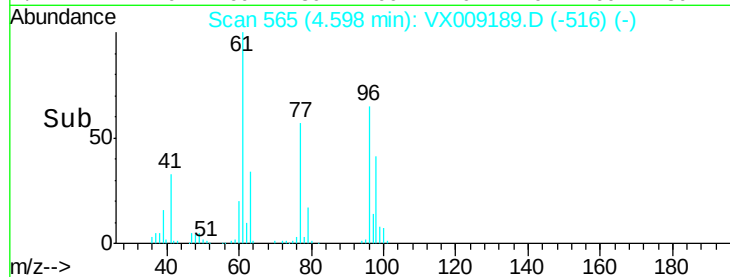
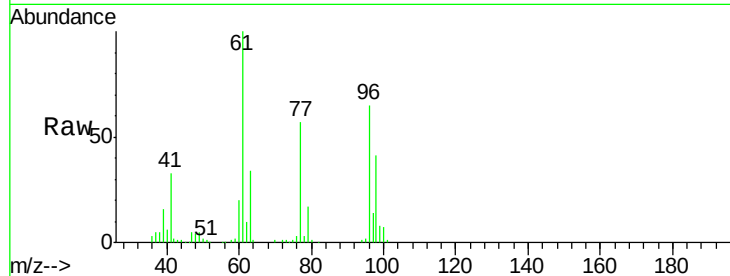
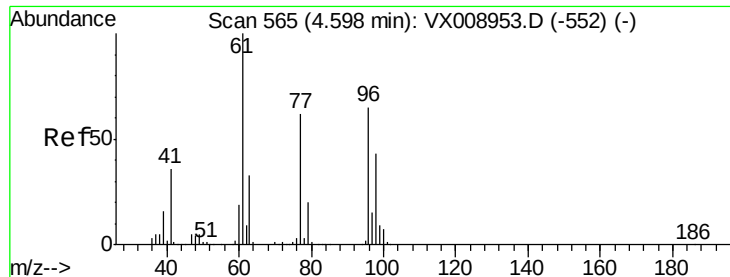
Tgt Ion: 77 Resp: 54421

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.027 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 45010 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 162.8 | 0.0   | 322.0 |
| 98       | 65.4  | 0.0   | 128.4 |

Instrument :

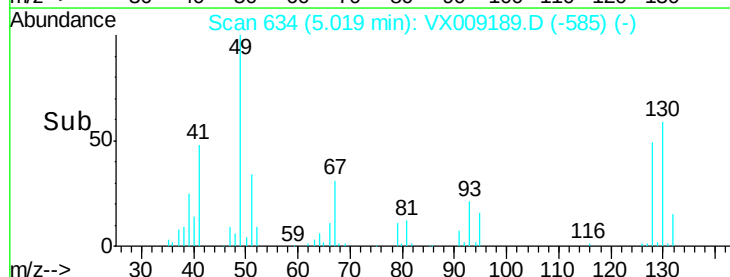
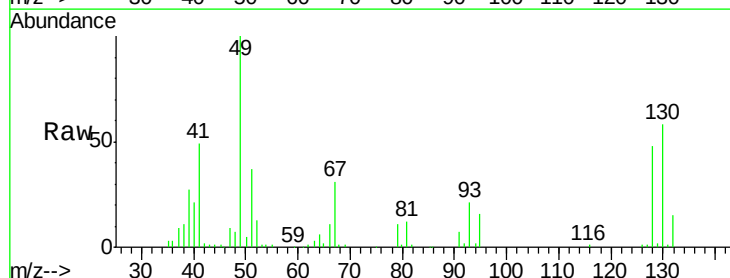
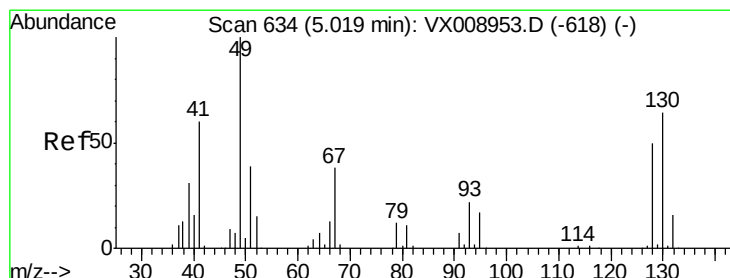
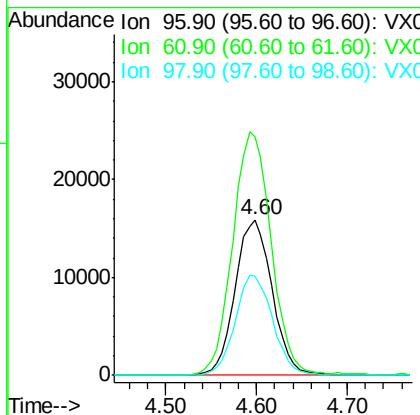
MSVOA\_X

ClientSampleId :

VX0426WBSD01

Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM



#28

Bromochloromethane

Concen: 19.814 ug/l

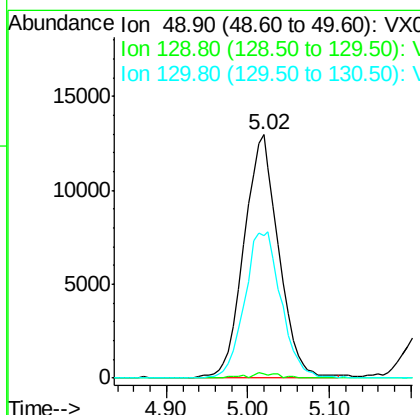
RT: 5.02 min Scan# 634

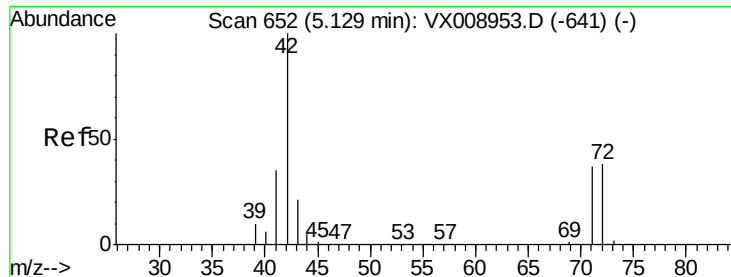
Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 38233 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.7   | 0.0   | 3.6   |
| 130      | 63.3  | 50.4  | 75.6  |





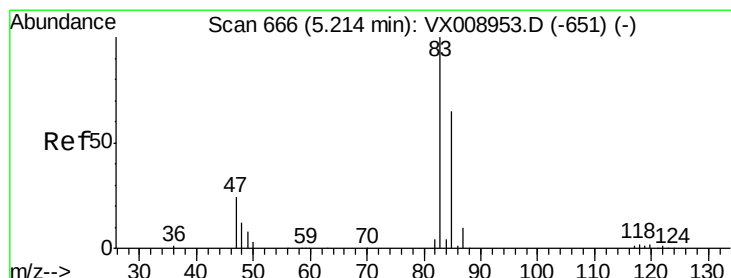
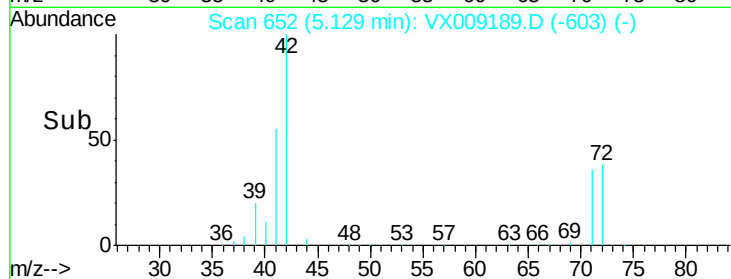
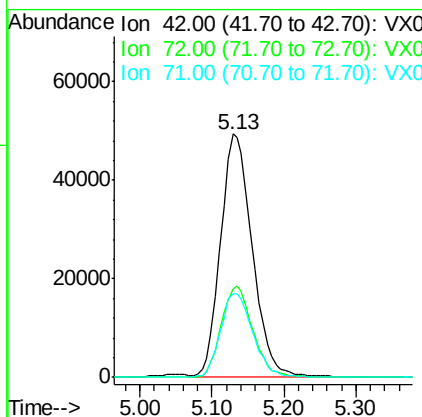
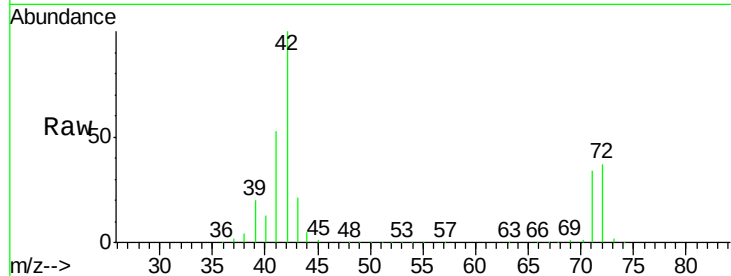
#29  
Tetrahydrofuran  
Concen: 99.783 ug/l  
RT: 5.13 min Scan# 652  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 37.9  | 30.6  | 45.8  |
| 71      | 35.5  | 28.8  | 43.2  |

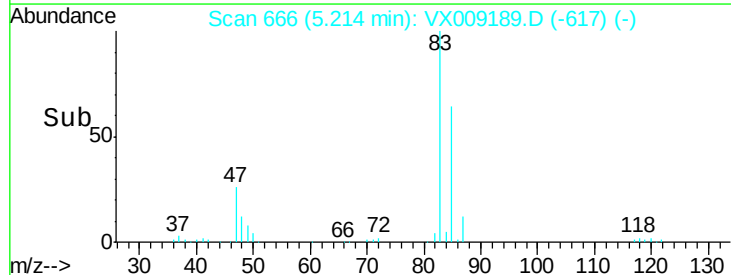
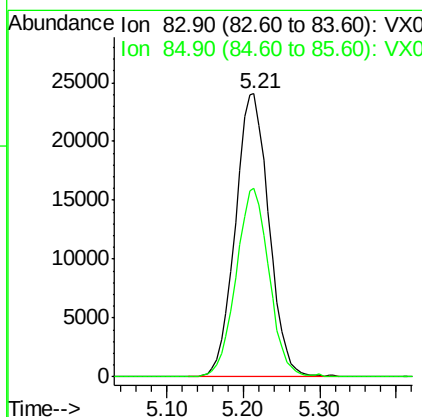
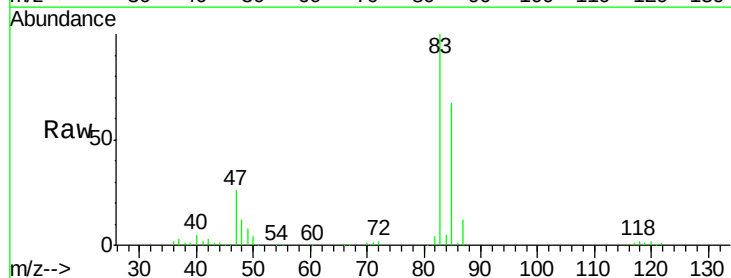
Manual Integrations  
APPROVED

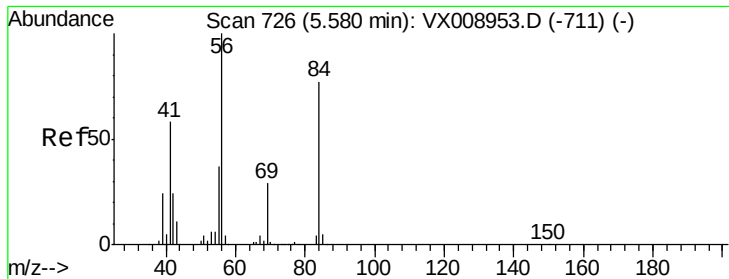
MMDadoda  
4/29/2019 11:25:28 AM



#30  
Chloroform  
Concen: 18.673 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.6  | 51.9  | 77.9  |





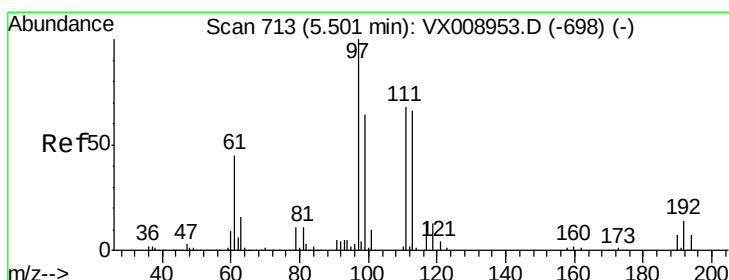
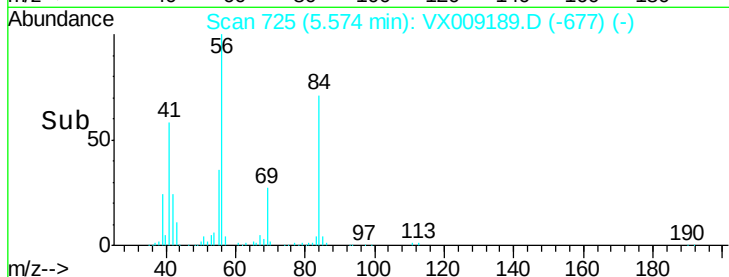
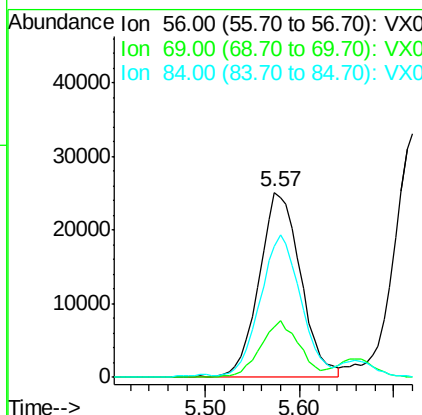
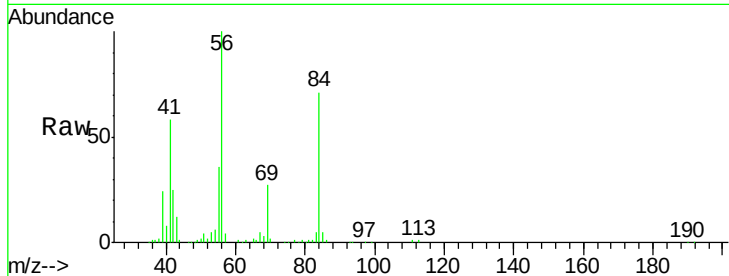
#31  
Cyclohexane  
Concen: 17.923 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. -0.01 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 27.3  | 23.3  | 34.9  |
| 84      | 69.7  | 61.7  | 92.5  |

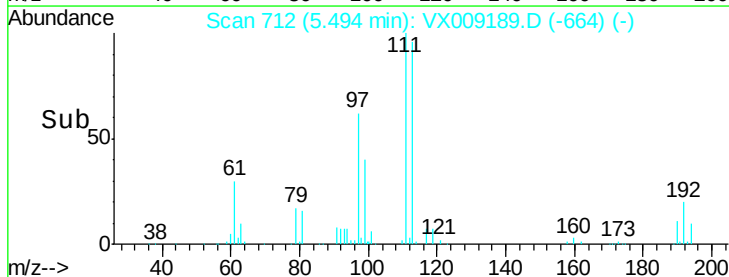
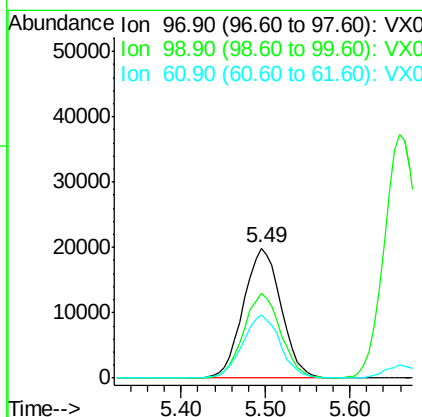
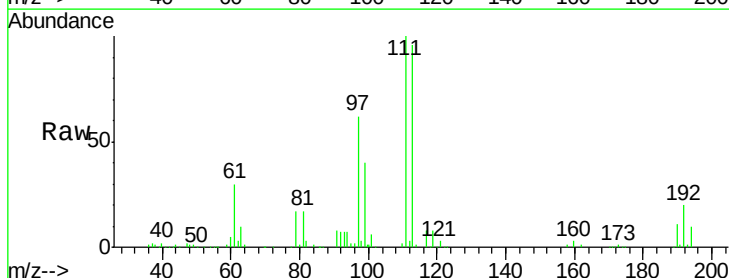
Manual Integrations  
APPROVED

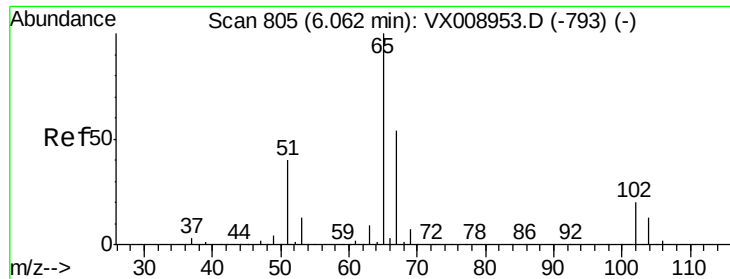
MMDadoda  
4/29/2019 11:25:28 AM



#32  
1,1,1-Trichloroethane  
Concen: 18.577 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.01 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.3  | 51.6  | 77.4  |
| 61      | 48.3  | 37.9  | 56.9  |





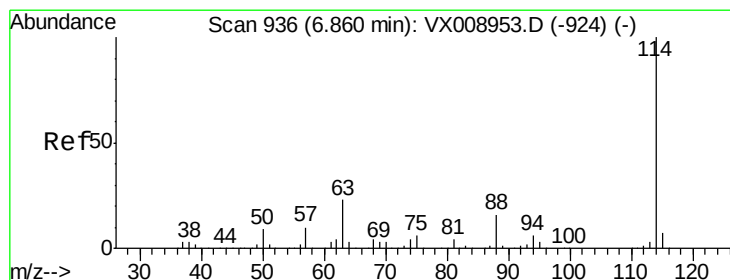
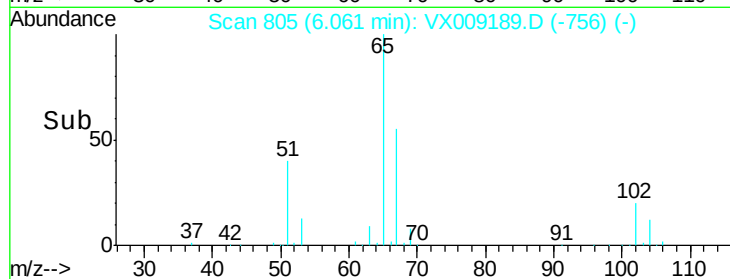
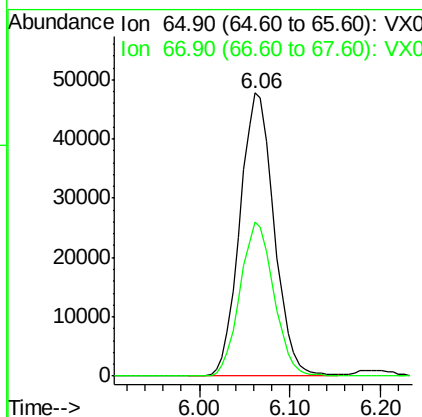
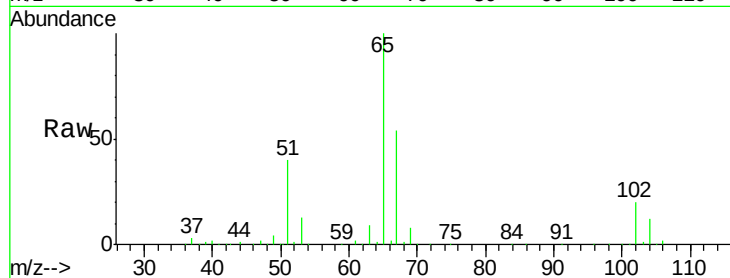
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.026 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0426WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 54.0  | 0.0   | 108.6 |

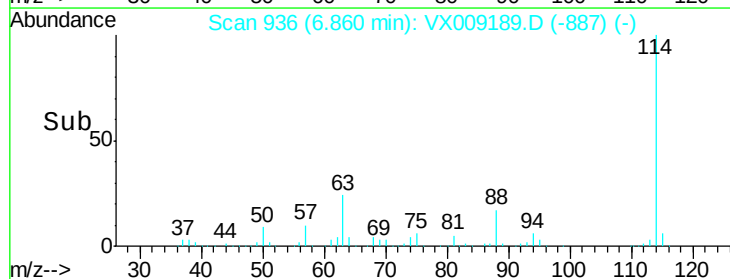
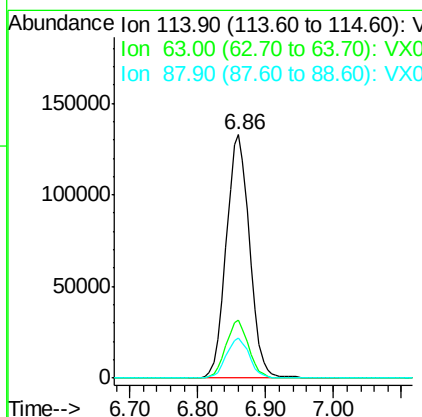
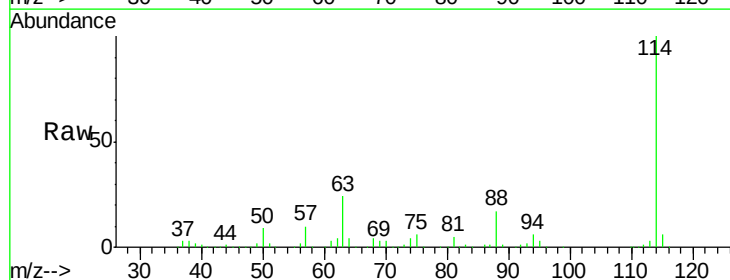
Manual Integrations  
 APPROVED

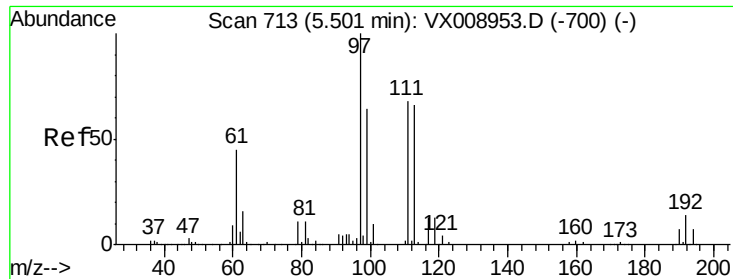
MMDadoda  
 4/29/2019 11:25:28 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 23.8  | 0.0   | 46.0  |
| 88      | 16.6  | 0.0   | 32.6  |





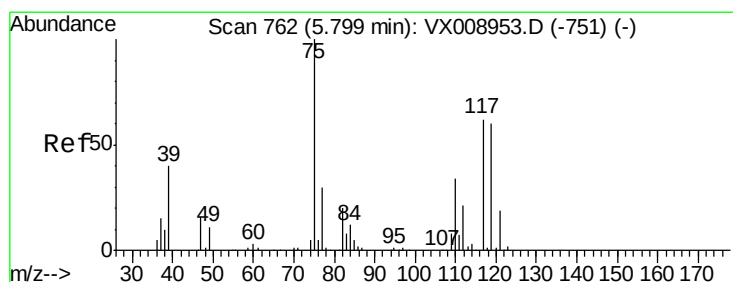
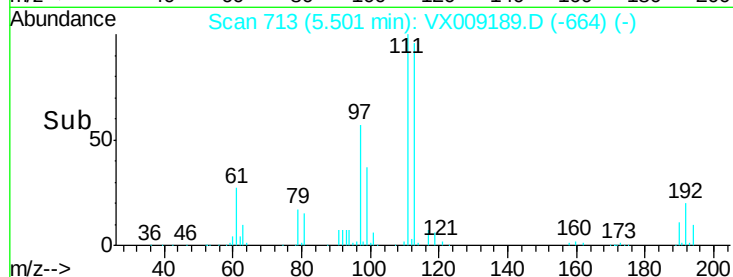
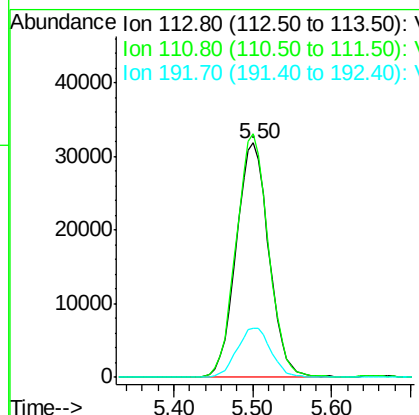
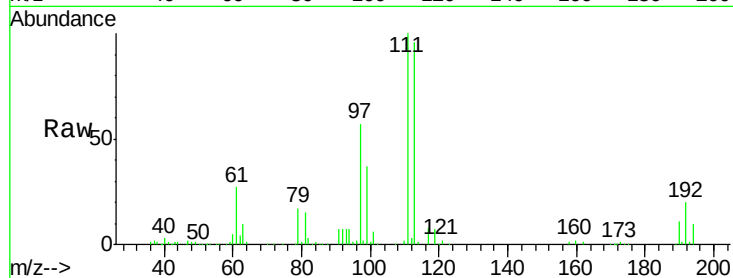
#35  
Dibromofluoromethane  
Concen: 45.240 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.6 | 82.9  | 124.3 |
| 192     | 21.9  | 17.4  | 26.0  |

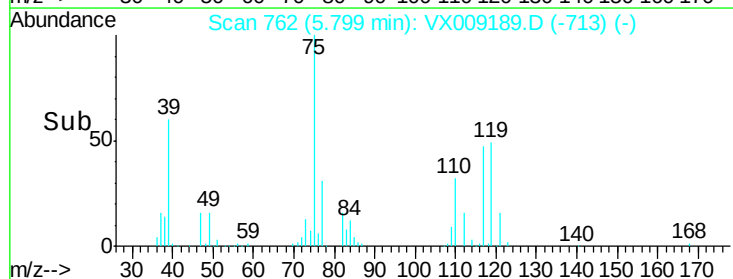
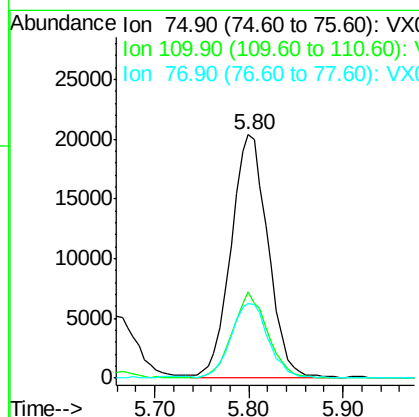
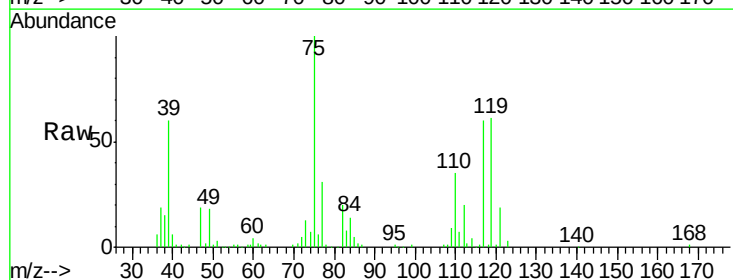
Manual Integrations  
APPROVED

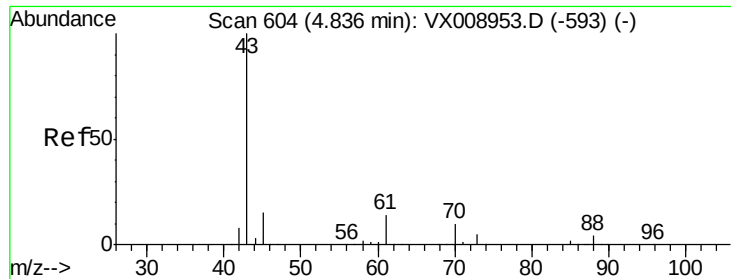
MMDadoda  
4/29/2019 11:25:28 AM



#36  
1,1-Dichloropropene  
Concen: 16.952 ug/l  
RT: 5.80 min Scan# 762  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 33.9  | 16.9  | 50.7  |
| 77      | 31.3  | 25.0  | 37.4  |





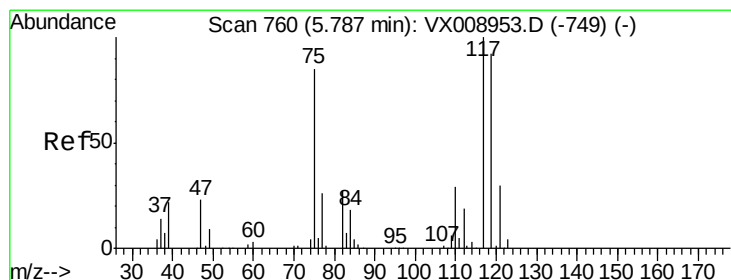
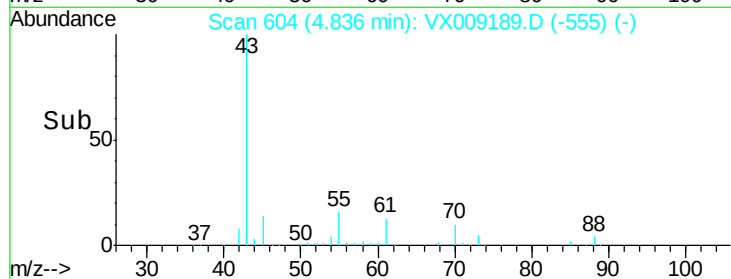
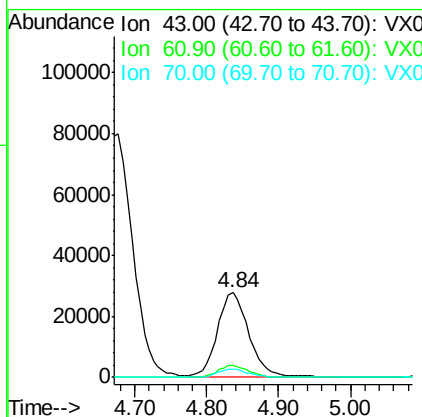
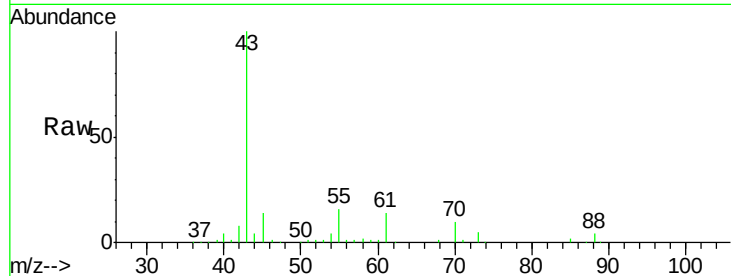
#37  
Ethyl Acetate  
Concen: 19.896 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.9  | 10.6  | 15.8  |
| 70      | 9.7   | 7.7   | 11.5  |

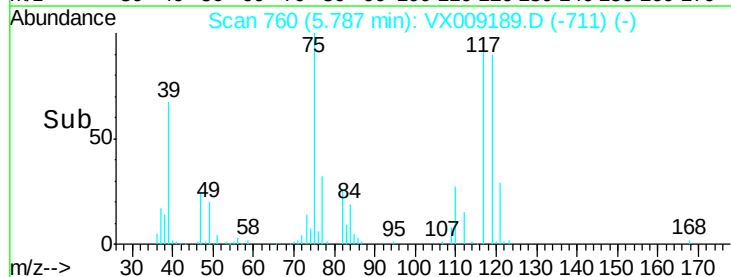
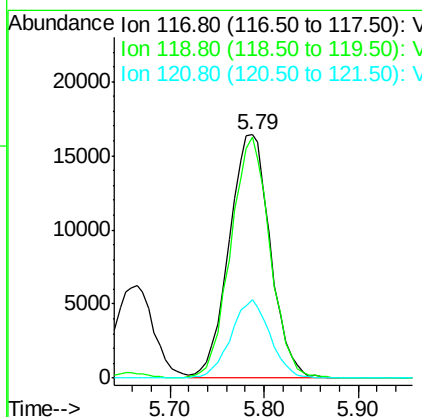
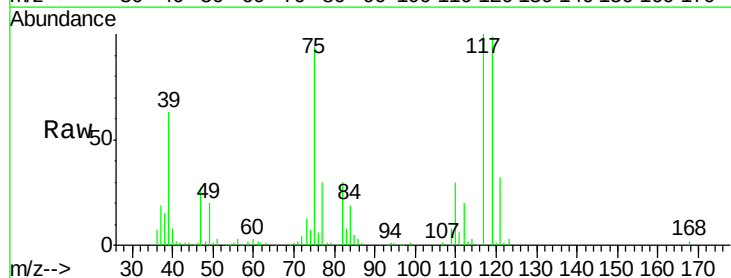
Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM

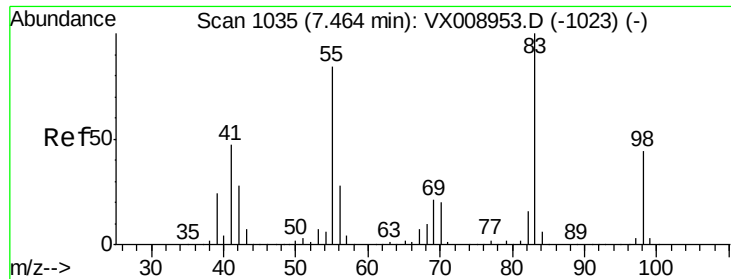


#38  
Carbon Tetrachloride  
Concen: 18.063 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 99.1  | 73.8  | 110.8 |
| 121     | 32.0  | 23.6  | 35.4  |







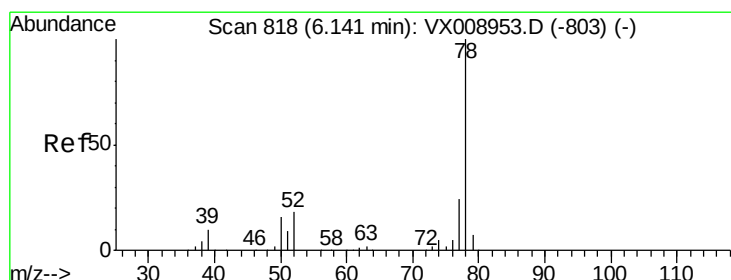
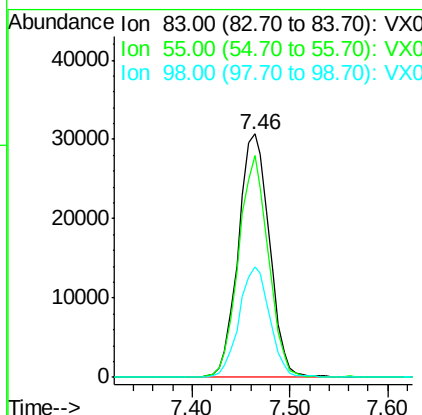
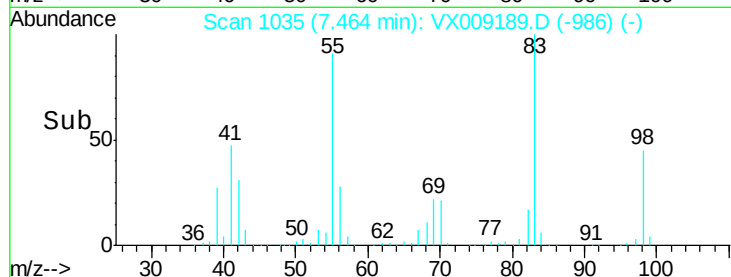
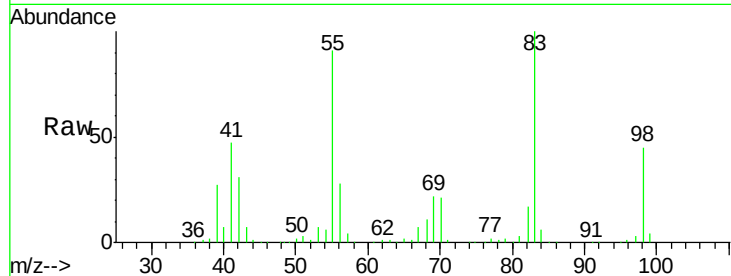
#39  
Methylvlcyclohexane  
Concen: 17.066 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 91.1  | 67.1  | 100.7 |
| 98      | 45.3  | 35.1  | 52.7  |

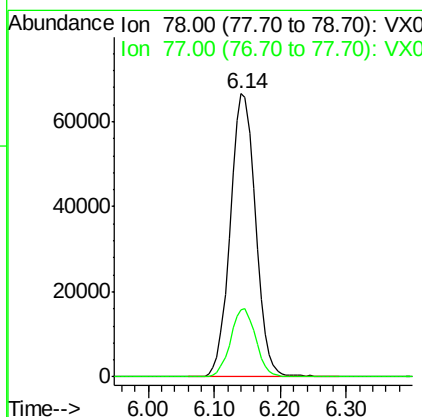
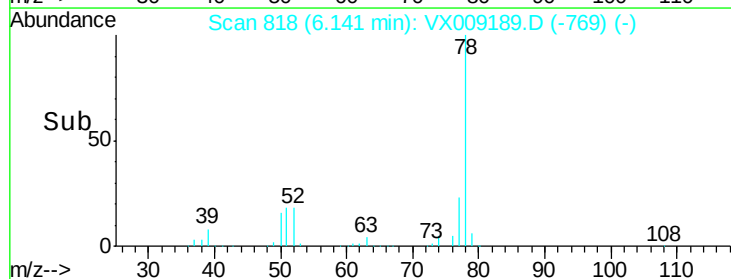
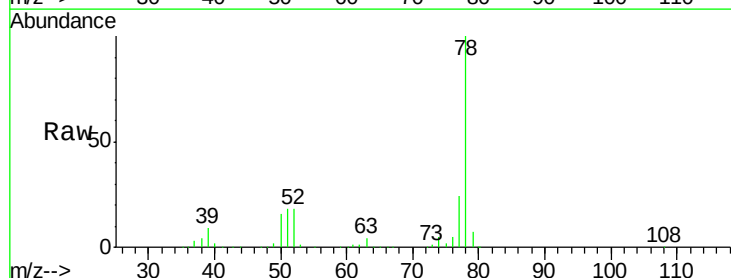
Manual Integrations  
APPROVED

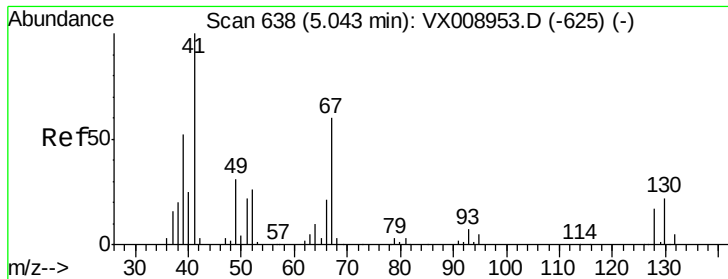
MMDadoda  
4/29/2019 11:25:28 AM



#40  
Benzene  
Concen: 18.390 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.7  | 19.0  | 28.6  |





#41

Methacrylonitrile

Concen: 19.901 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

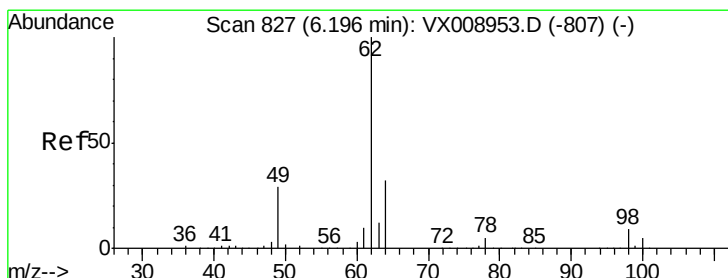
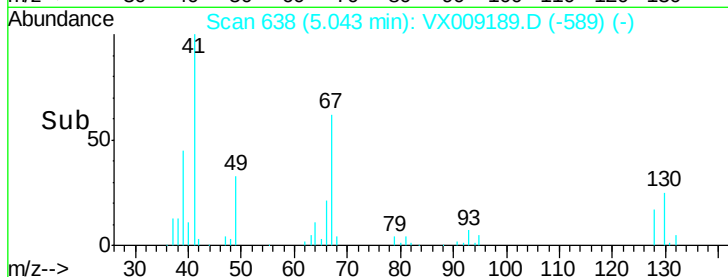
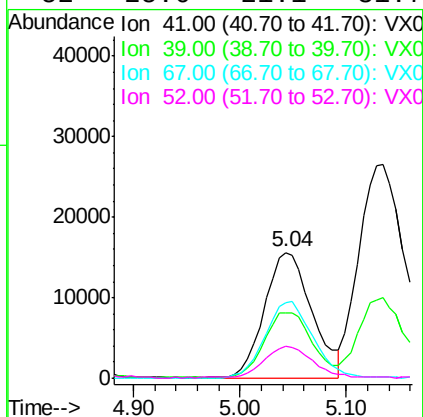
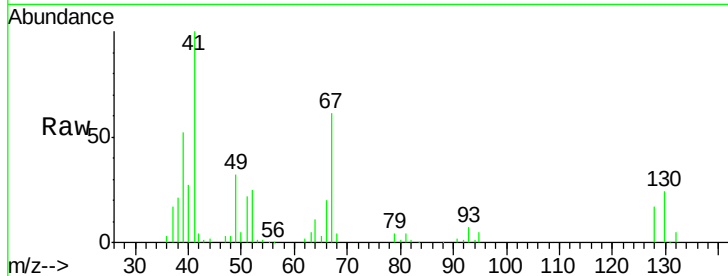
ClientSampleId :

VX0426WBSD01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.0 | 41.8  | 62.6  |       |
| 67      | 61.9 | 50.2  | 75.4  |       |
| 52      | 25.6 | 21.1  | 31.7  |       |

Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM



#42

1,2-Dichloroethane

Concen: 18.311 ug/l

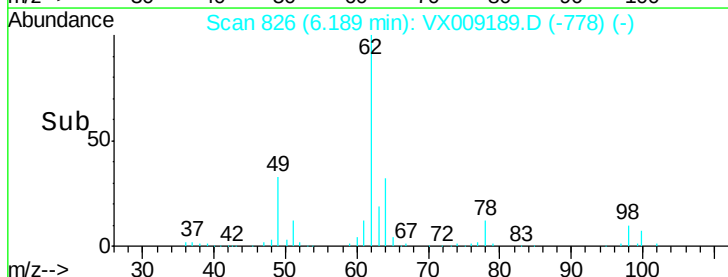
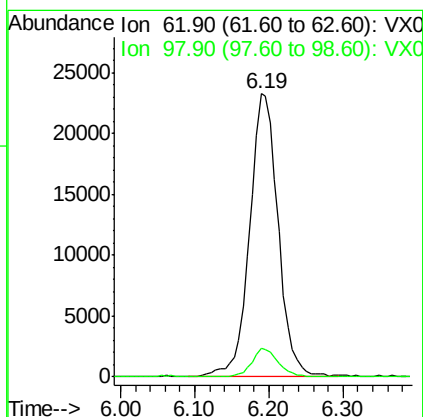
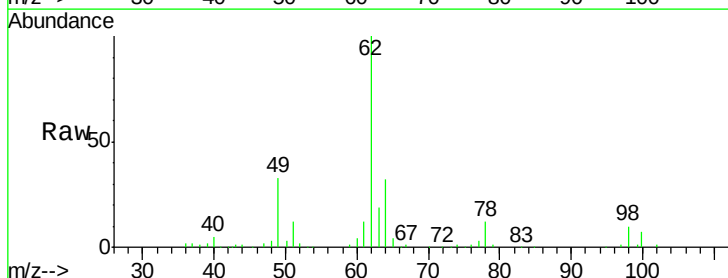
RT: 6.19 min Scan# 826

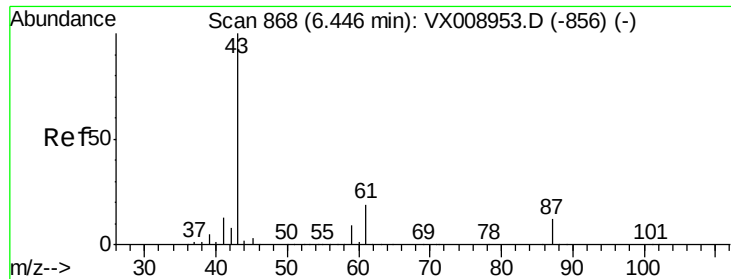
Delta R.T. -0.01 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.1 | 0.0   | 18.4  |       |





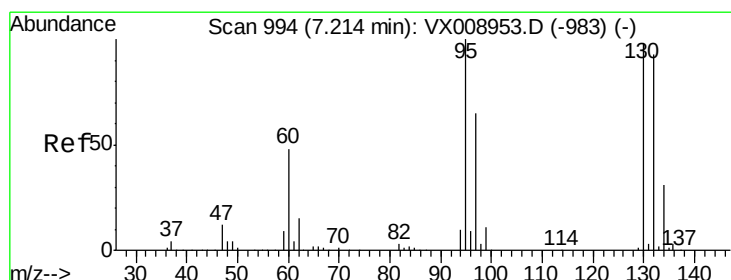
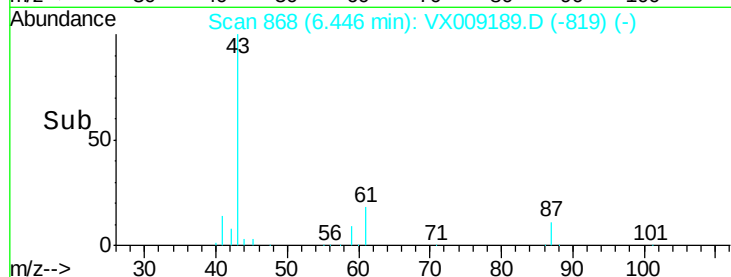
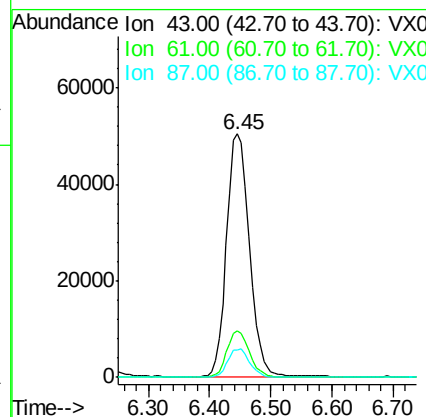
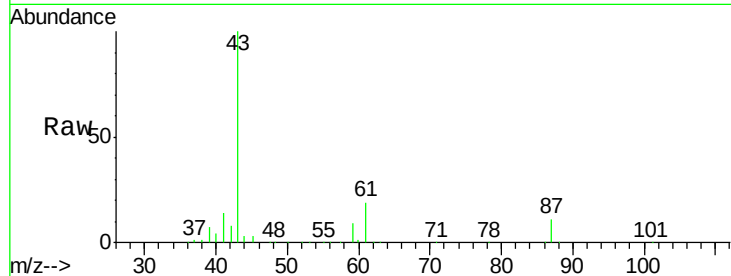
#43  
Isopropyl Acetate  
Concen: 19.263 ug/l  
RT: 6.45 min Scan# 868  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.9  | 15.4  | 23.0  |
| 87      | 11.3  | 9.0   | 13.4  |

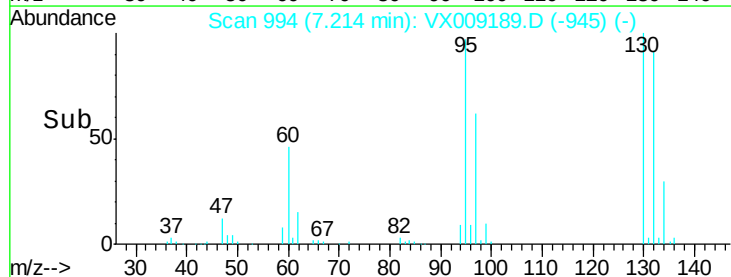
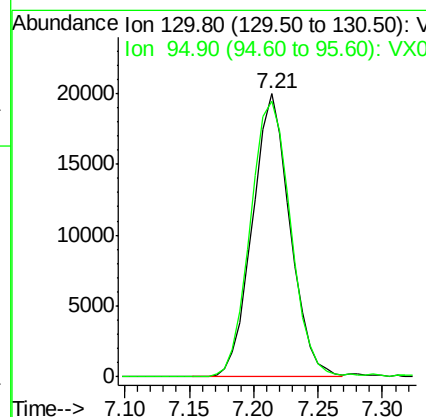
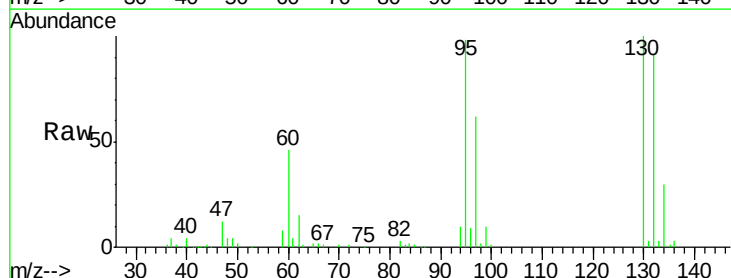
Manual Integrations  
APPROVED

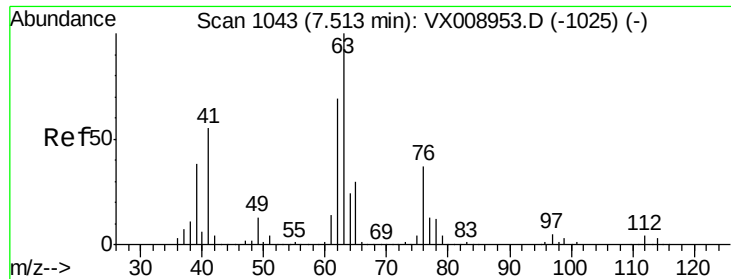
MMDadoda  
4/29/2019 11:25:28 AM



#44  
Trichloroethene  
Concen: 17.080 ug/l  
RT: 7.21 min Scan# 994  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 97.6  | 0.0   | 203.2 |





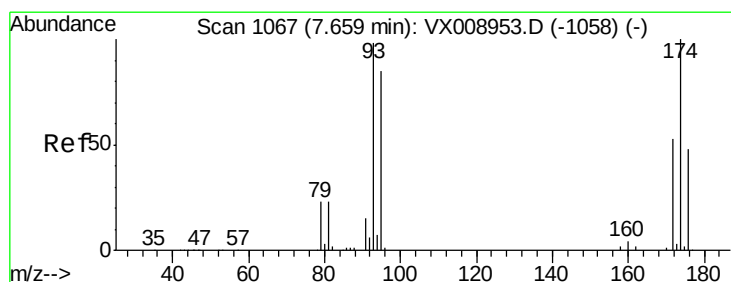
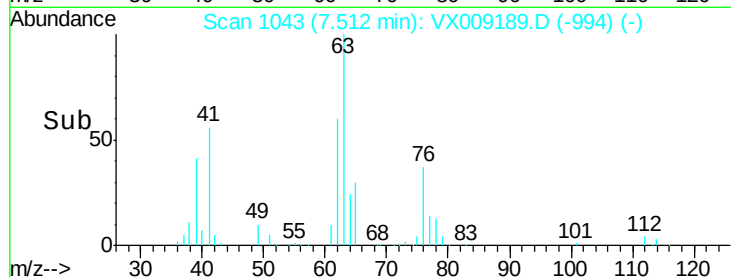
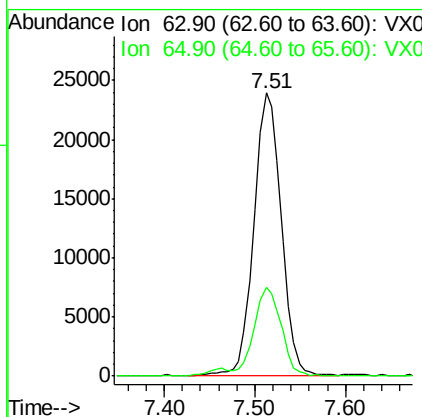
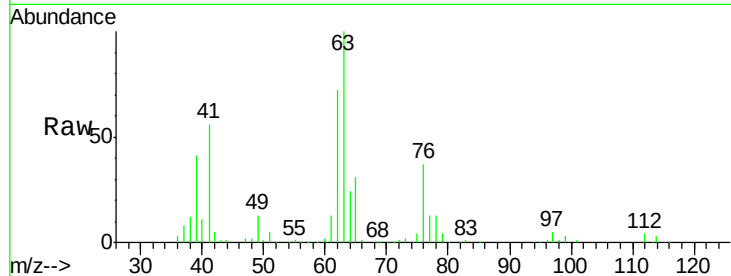
#45  
 1,2-Dichloropropane  
 Concen: 18.783 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0426WBSD01

Tot Ion: 63 Resp: 50258  
 Ion Ratio Lower Upper  
 63 100  
 65 31.1 24.1 36.1

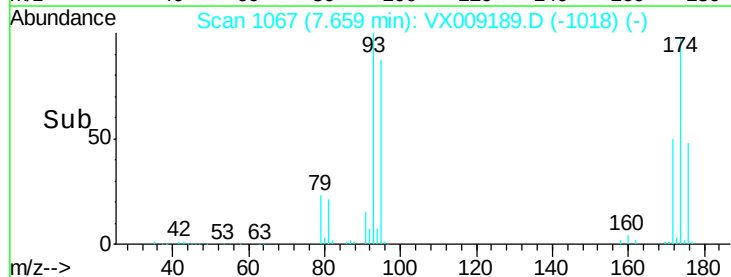
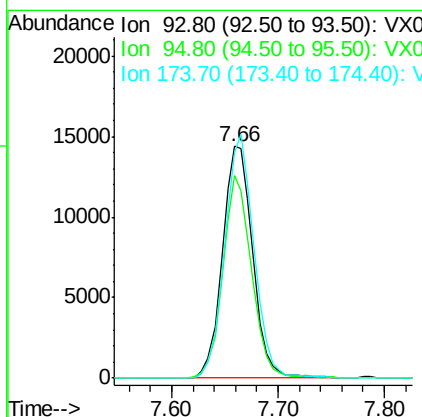
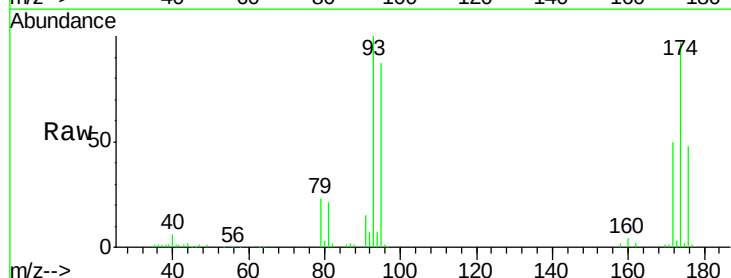
Manual Integrations  
 APPROVED

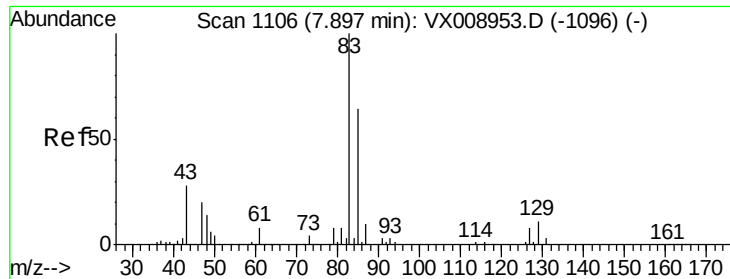
MMDadoda  
 4/29/2019 11:25:28 AM



#46  
 Dibromomethane  
 Concen: 18.304 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

Tgt Ion: 93 Resp: 28502  
 Ion Ratio Lower Upper  
 93 100  
 95 82.6 67.0 100.4  
 174 102.2 81.6 122.4





#47

Bromodichloromethane

Concen: 18.271 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

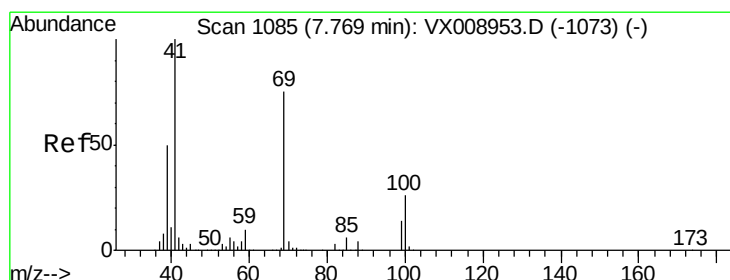
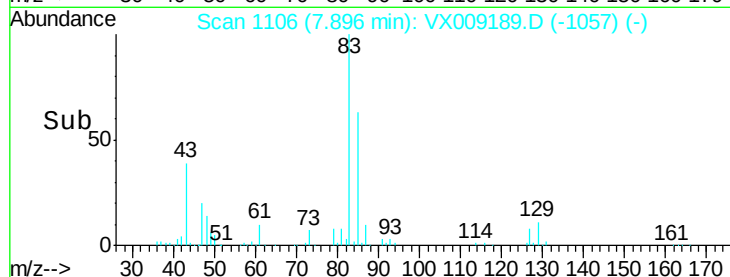
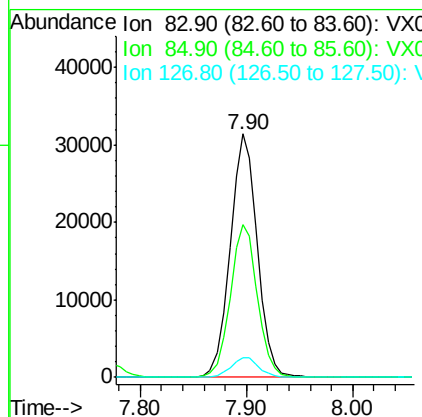
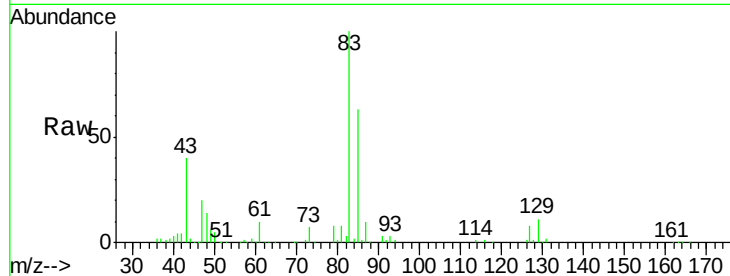
ClientSampleId :

VX0426WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 55805 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.7  | 50.8  | 76.2  |
| 127      | 8.3   | 6.4   | 9.6   |

Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM



#48

Methyl methacrylate

Concen: 19.704 ug/l

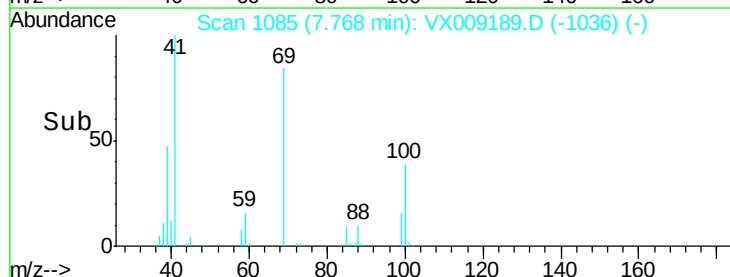
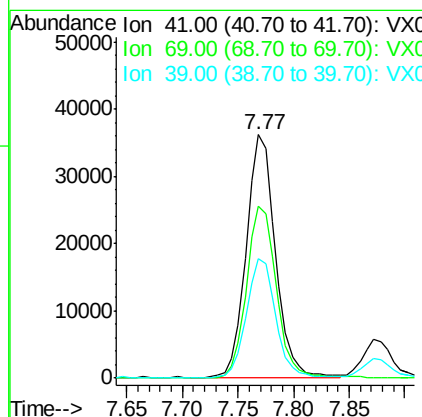
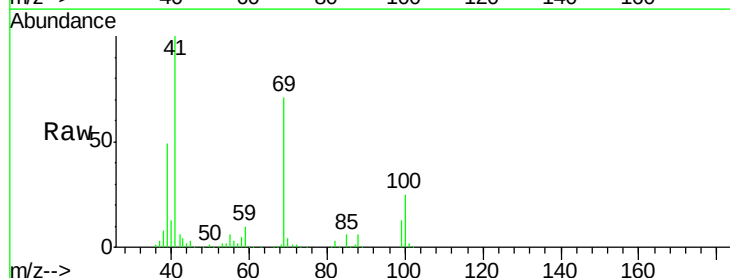
RT: 7.77 min Scan# 1085

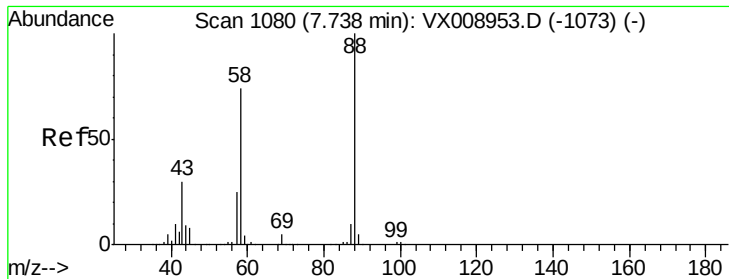
Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 66003 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 72.8  | 59.4  | 89.2  |
| 39       | 48.9  | 39.8  | 59.6  |





#49

1,4-Dioxane

Concen: 433.305 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

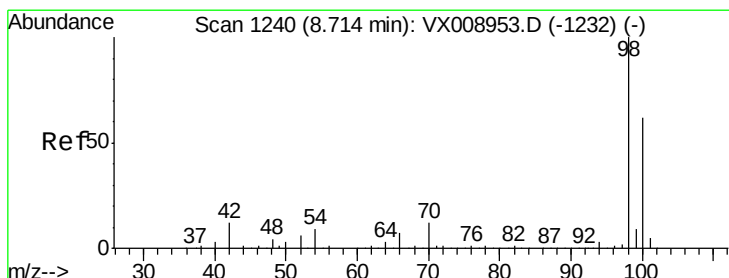
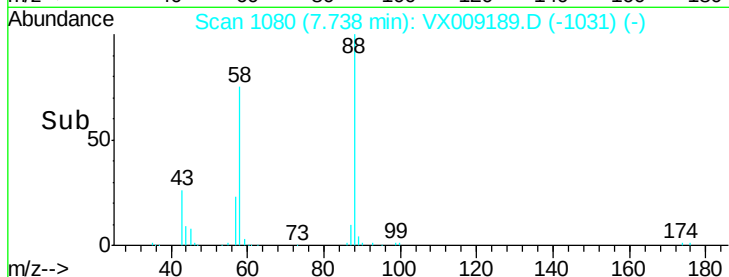
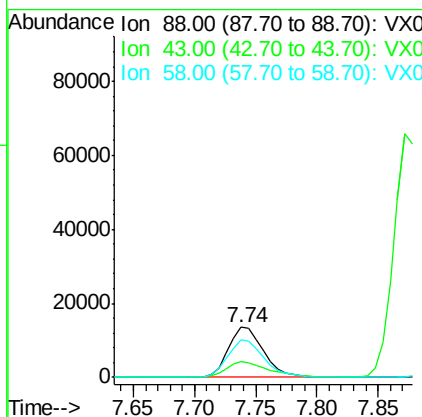
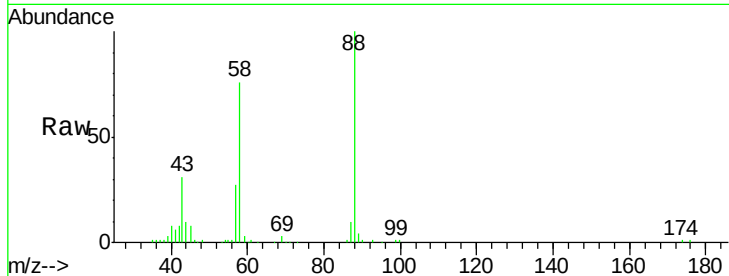
ClientSampleId :

VX0426WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 27167 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 35.2  | 29.3  | 43.9  |
| 58       | 78.1  | 62.6  | 93.8  |

Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM



#50

Toluene-d8

Concen: 44.568 ug/l

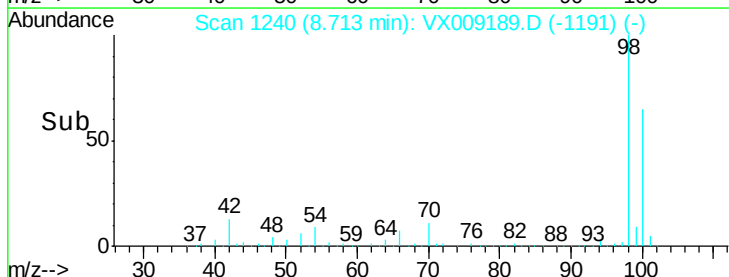
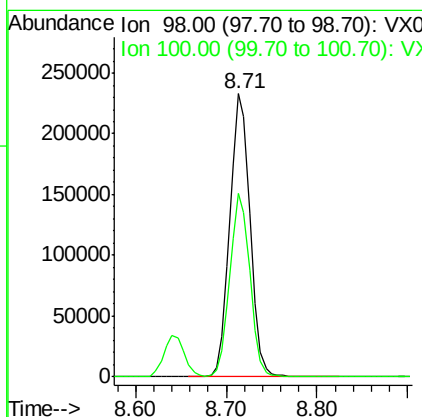
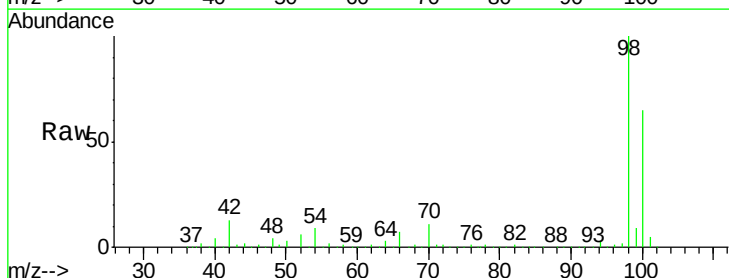
RT: 8.71 min Scan# 1240

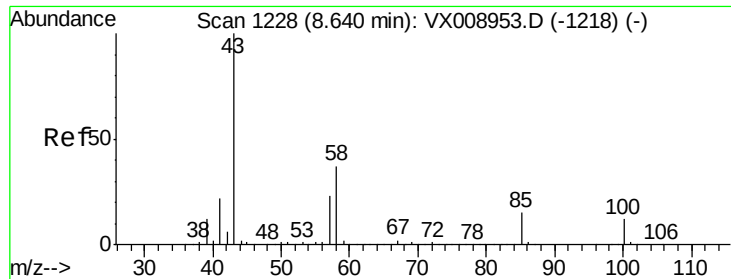
Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 360590 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.7  | 51.4  | 77.2   |





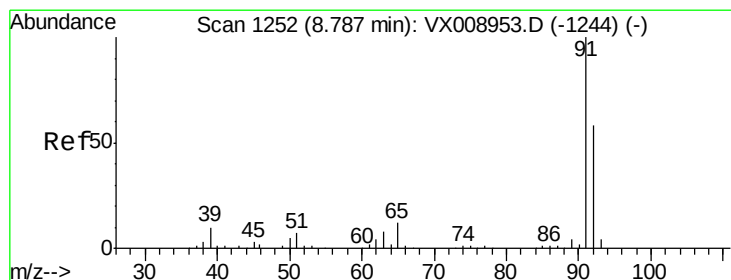
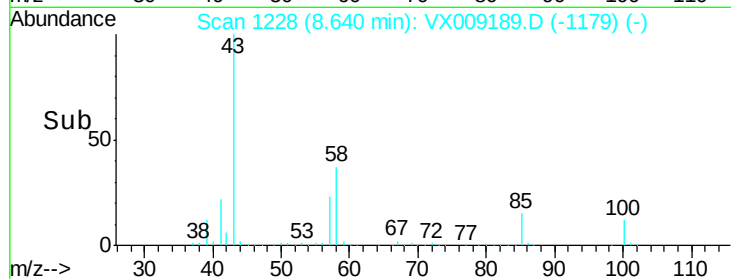
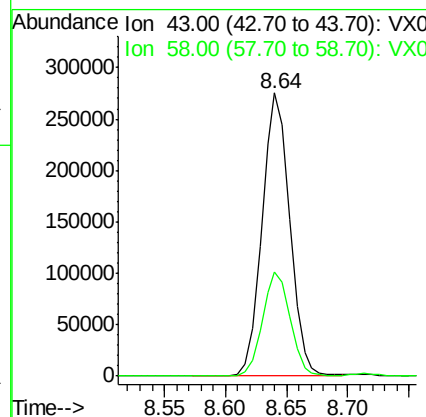
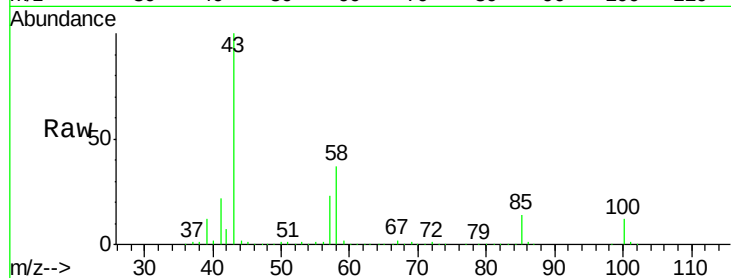
#51  
4-Methyl-2-Pentanone  
Concen: 100.823 ug/l  
RT: 8.64 min Scan# 1228  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

| Tot Ion | 43   | 58 | Resp | Lower | Upper |
|---------|------|----|------|-------|-------|
| 43      | 100  |    |      |       |       |
| 58      | 36.7 |    | 29.8 | 44.6  |       |

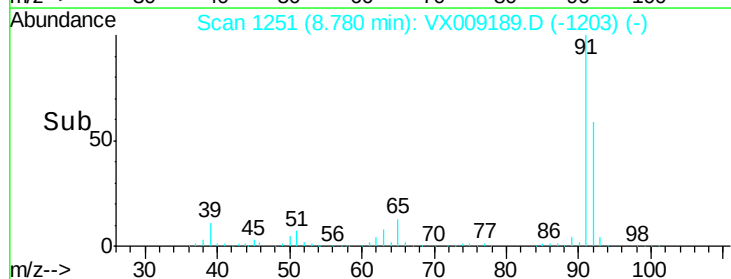
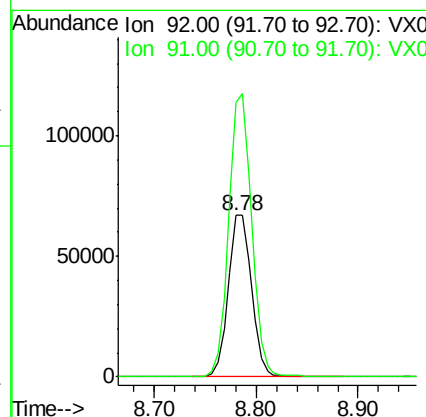
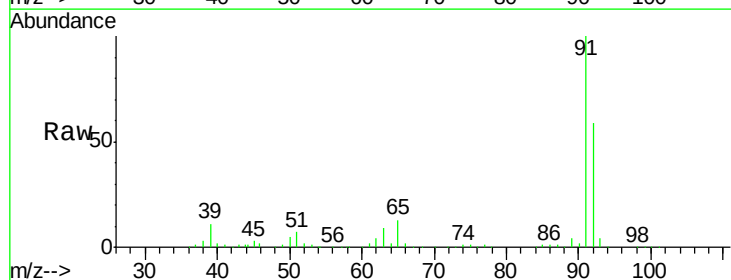
Manual Integrations  
APPROVED

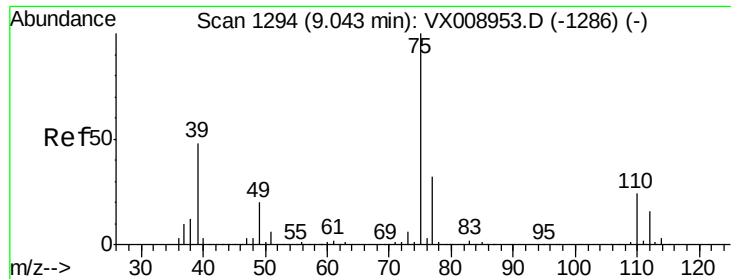
MMDadoda  
4/29/2019 11:25:28 AM



#52  
Toluene  
Concen: 18.418 ug/l  
RT: 8.78 min Scan# 1251  
Delta R.T. -0.01 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

| Tgt Ion | 92    | 91 | Resp  | Lower | Upper |
|---------|-------|----|-------|-------|-------|
| 92      | 100   |    |       |       |       |
| 91      | 172.5 |    | 138.5 | 207.7 |       |





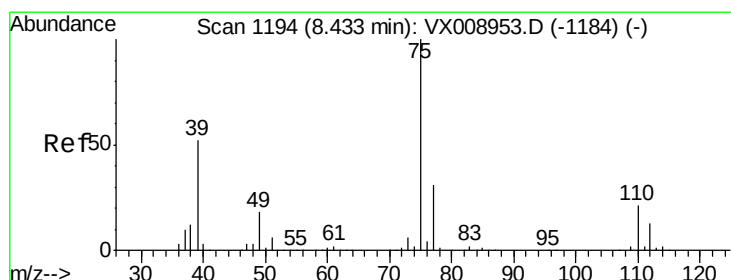
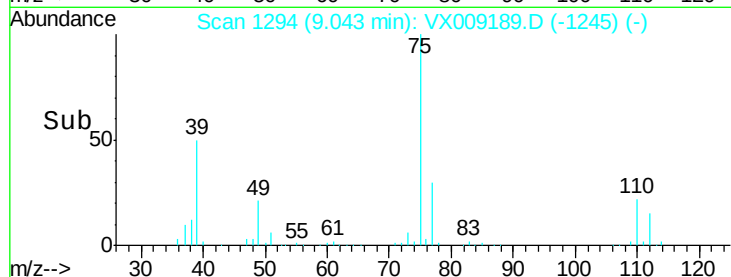
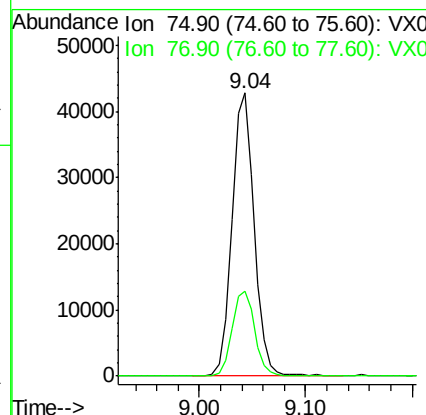
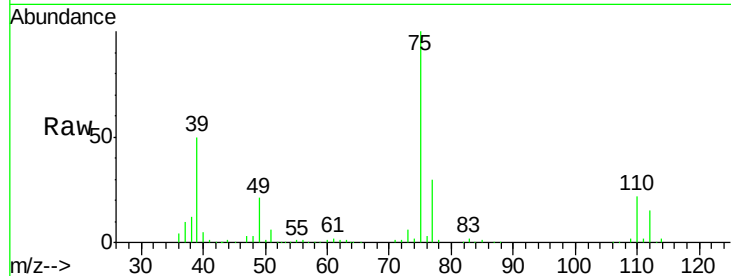
#53  
t-1,3-Dichloropropene  
Concen: 17.779 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

Tot Ion: 75 Resp: 62494  
Ion Ratio Lower Upper  
75 100  
77 30.2 25.4 38.2

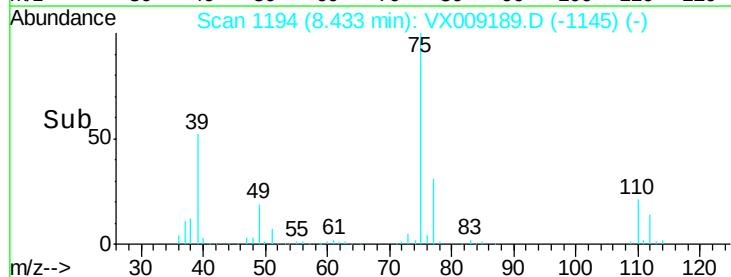
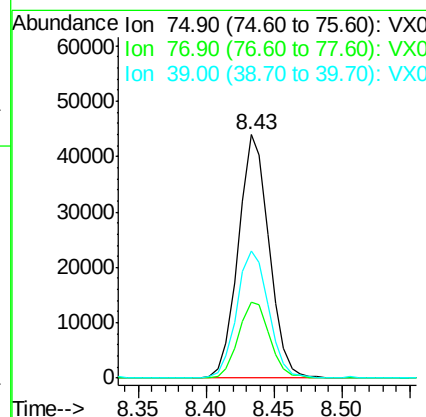
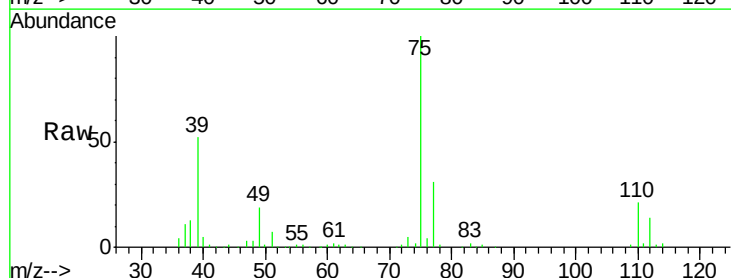
Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM

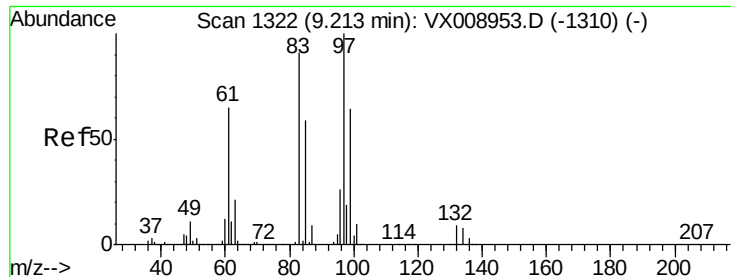


#54  
cis-1,3-Dichloropropene  
Concen: 17.642 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Tgt Ion: 75 Resp: 69436  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.8 37.2  
39 52.0 41.8 62.6







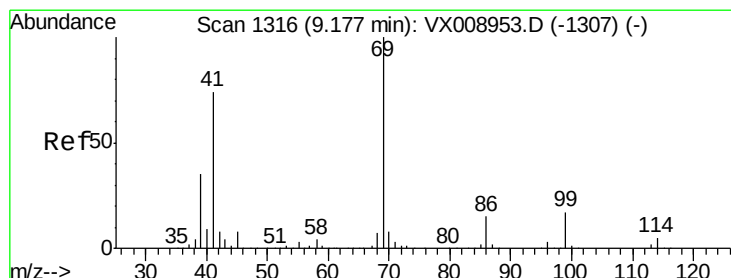
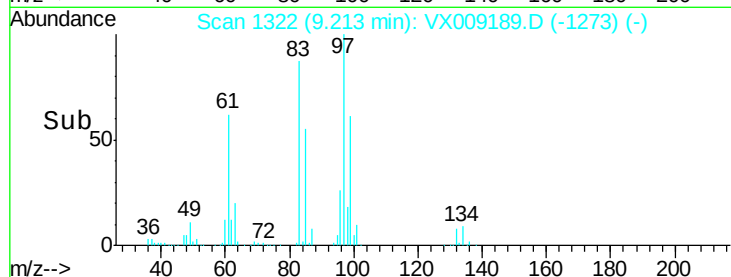
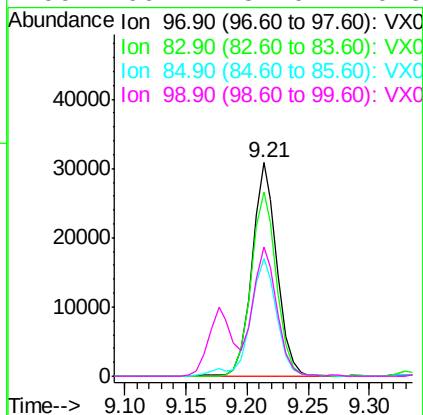
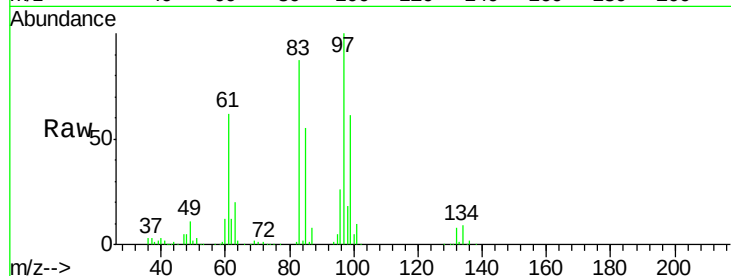
#55  
 1,1,2-Trichloroethane  
 Concen: 19.138 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0426WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 43843 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.5  | 72.6  | 108.8 |
| 85       | 54.9  | 46.9  | 70.3  |
| 99       | 60.4  | 51.0  | 76.6  |

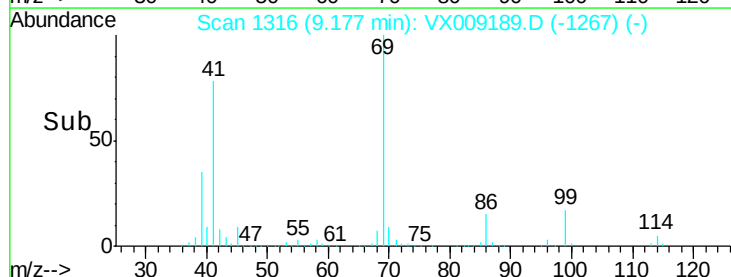
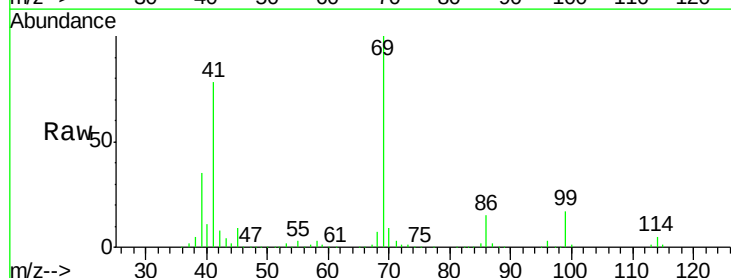
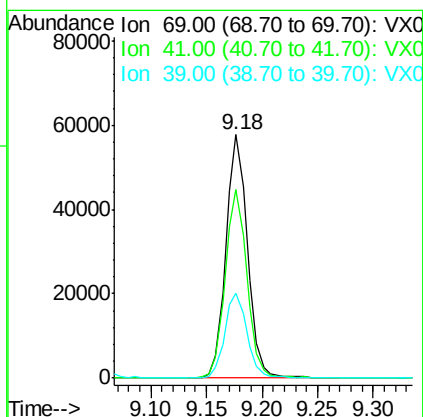
Manual Integrations  
 APPROVED

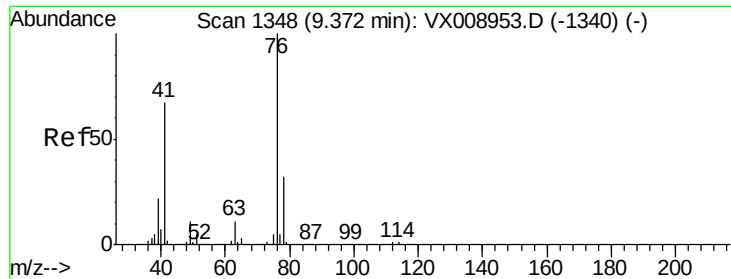
MMDadoda  
 4/29/2019 11:25:28 AM



#56  
 Ethyl methacrylate  
 Concen: 18.894 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 77612 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 77.5  | 60.2  | 90.2  |
| 39       | 36.0  | 27.9  | 41.9  |





#57

1,3-Dichloropropane

Concen: 18.674 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 76 Resp: 76169

Ion Ratio Lower Upper

76 100

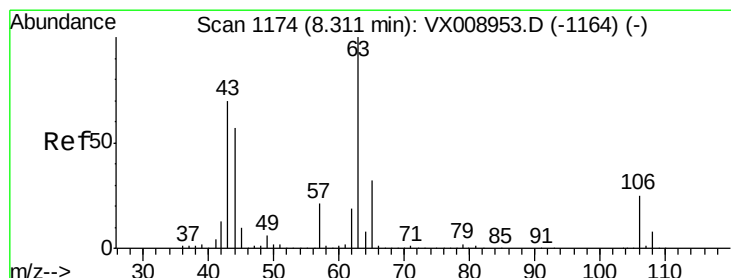
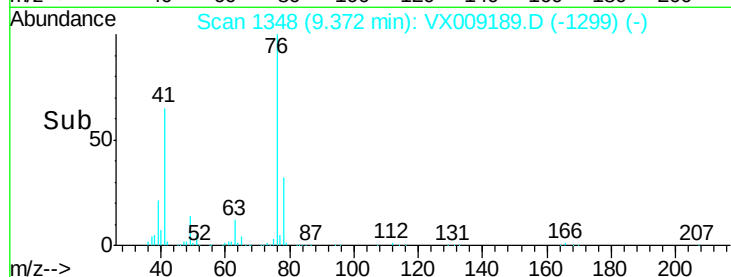
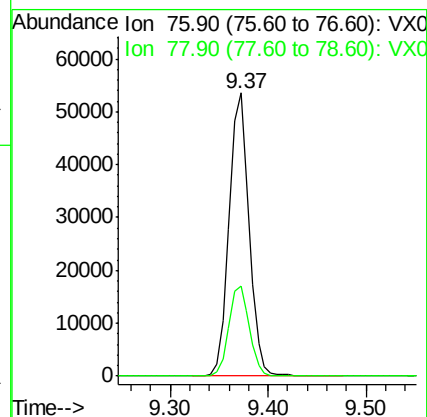
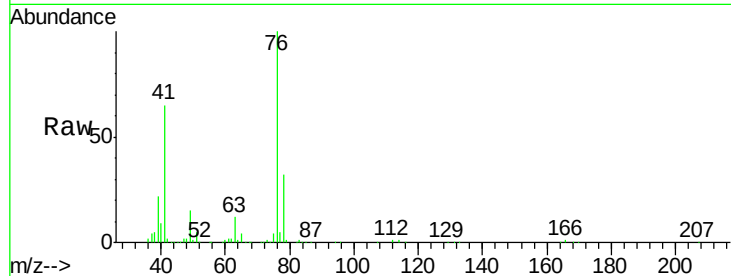
78 32.6 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

4/29/2019 11:25:28 AM



#58

2-Chloroethyl Vinyl ether

Concen: 86.625 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009189.D

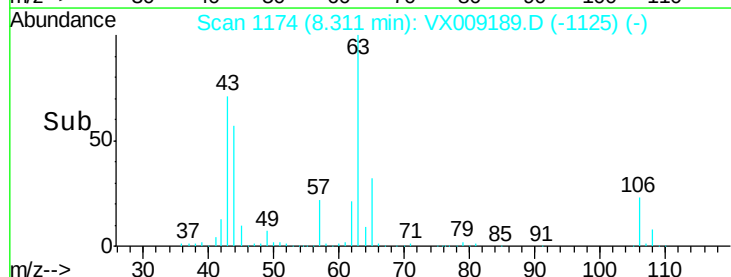
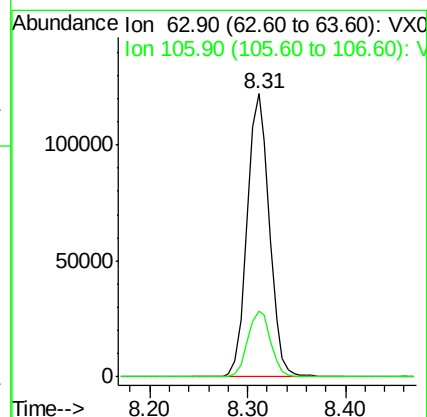
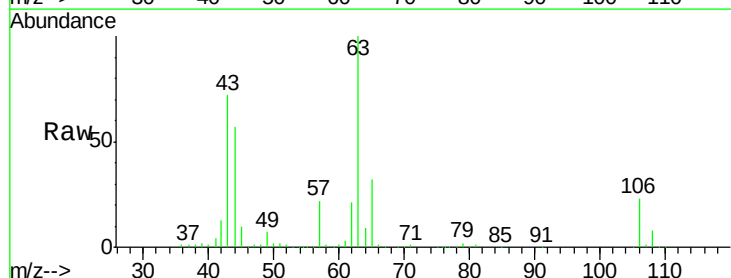
Acq: 26 Apr 2019 15:00

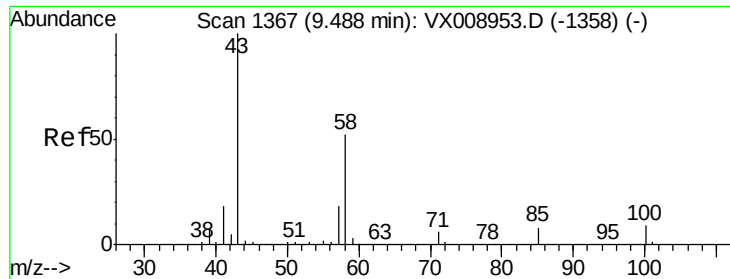
Tgt Ion: 63 Resp: 191618

Ion Ratio Lower Upper

63 100

106 24.3 19.8 29.6





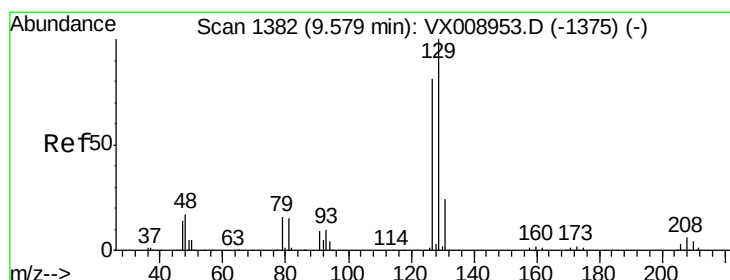
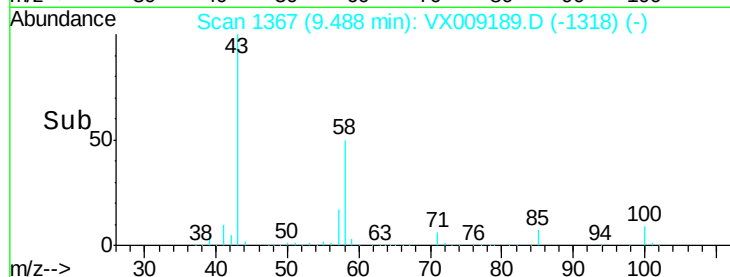
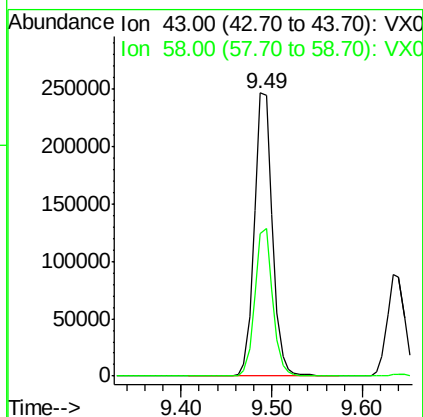
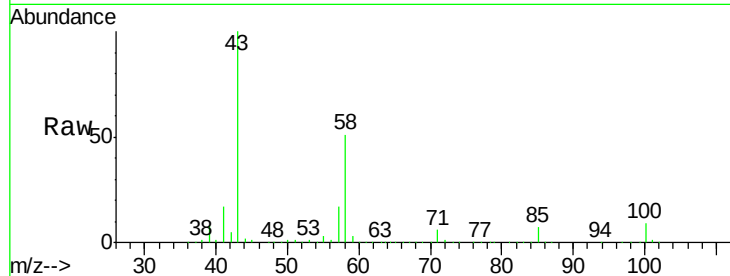
#59  
2-Hexanone  
Concen: 102.049 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

Tot Ion: 43 Resp: 339807  
Ion Ratio Lower Upper  
43 100  
58 51.6 25.9 77.8

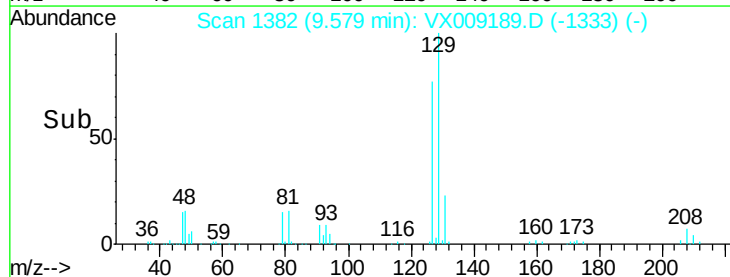
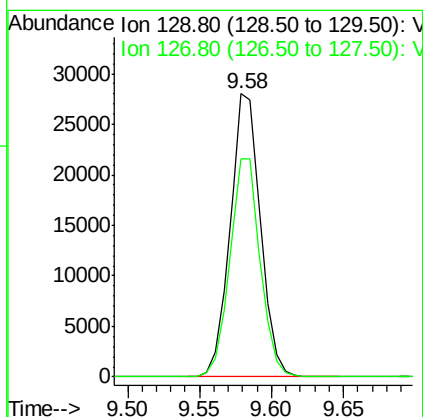
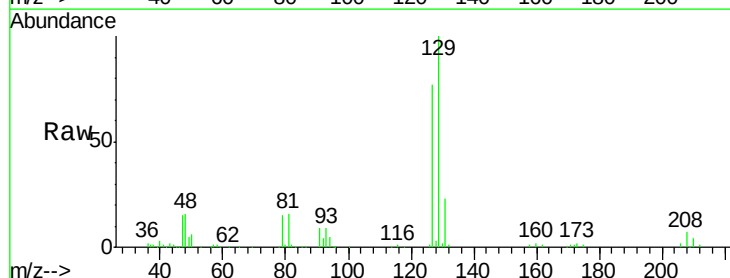
Manual Integrations  
APPROVED

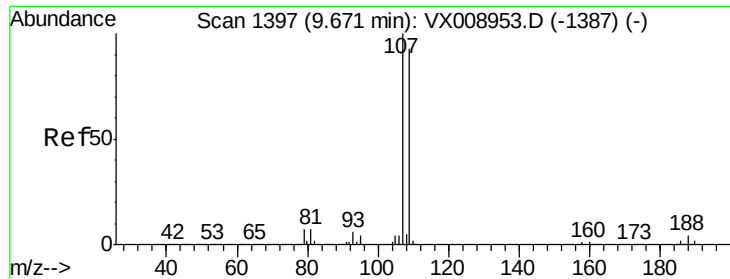
MMDadoda  
4/29/2019 11:25:28 AM



#60  
Dibromochloromethane  
Concen: 18.774 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Tgt Ion: 129 Resp: 41220  
Ion Ratio Lower Upper  
129 100  
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.646 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion:107 Resp: 44087

Ion Ratio Lower Upper

107 100

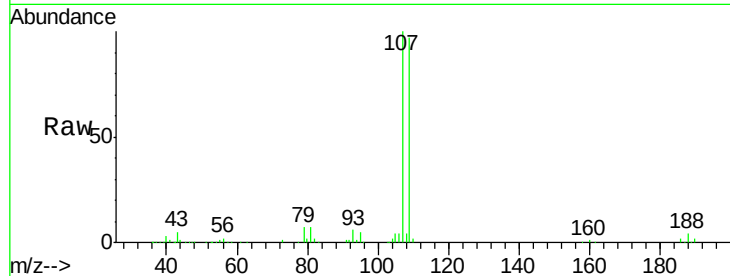
109 93.9 74.4 111.6

Manual Integrations

APPROVED

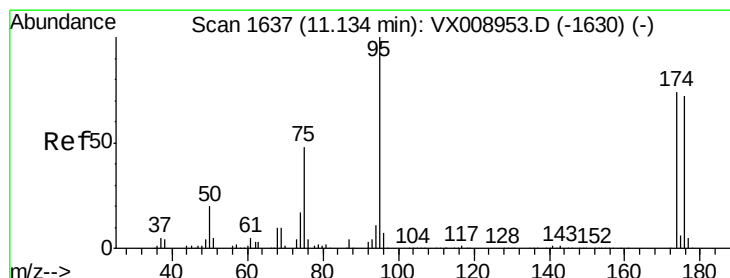
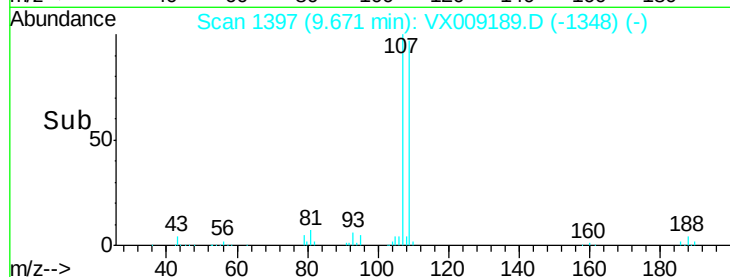
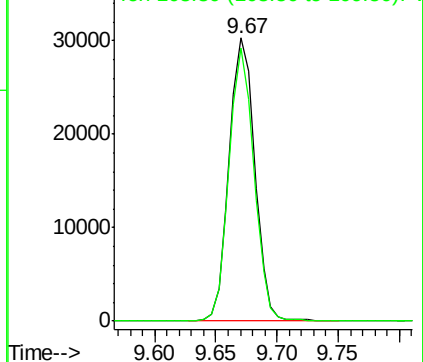
MMDadoda

4/29/2019 11:25:28 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.295 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

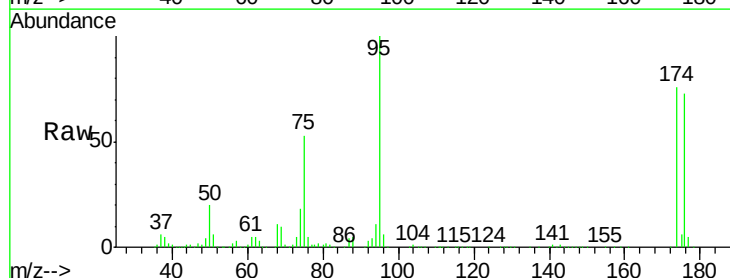
Tgt Ion: 95 Resp: 132221

Ion Ratio Lower Upper

95 100

174 80.1 0.0 159.6

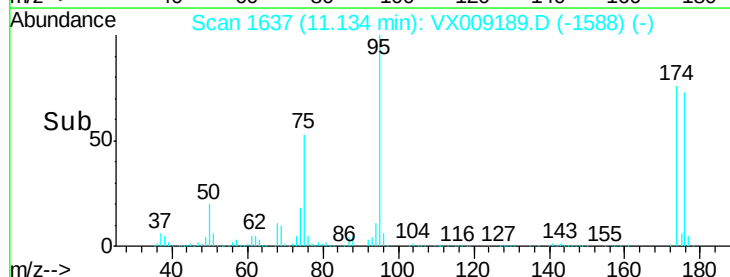
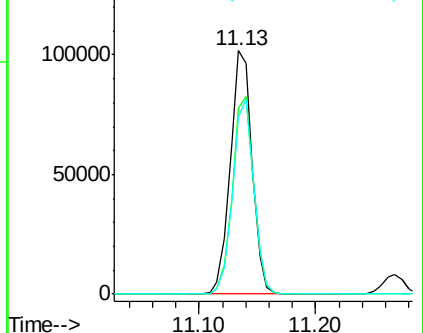
176 78.4 0.0 154.8

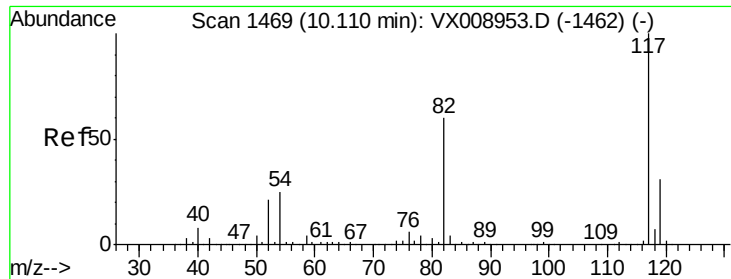


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





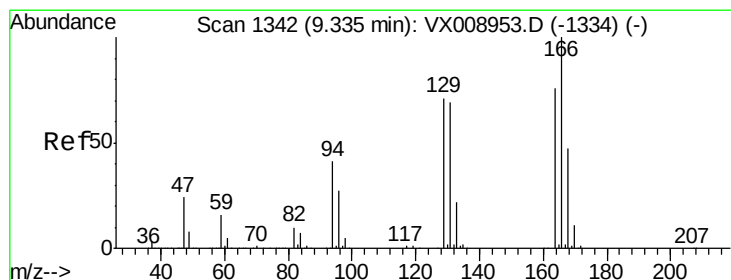
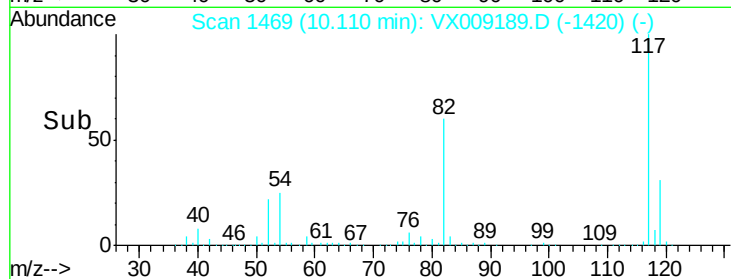
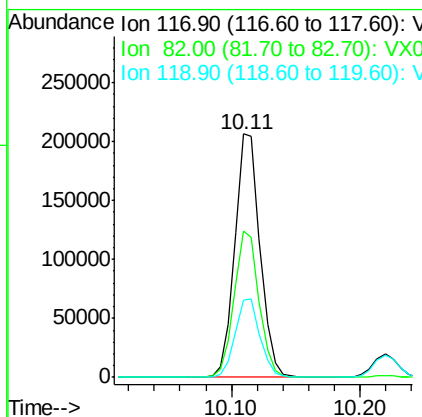
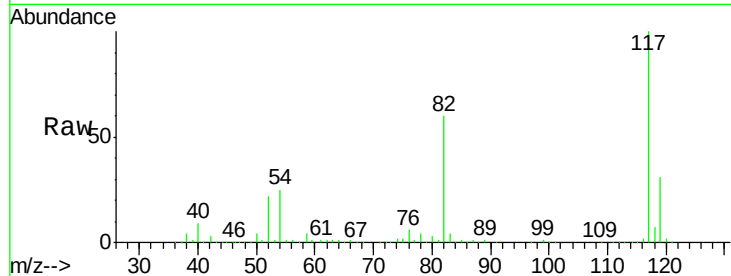
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 60.2  | 48.2  | 72.4  |
| 119     | 31.5  | 25.0  | 37.6  |

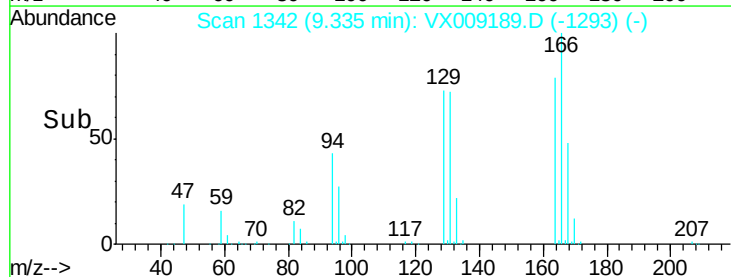
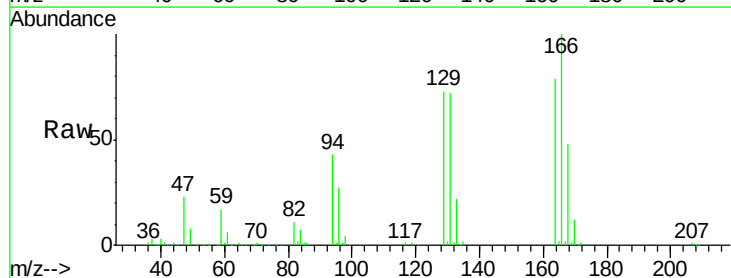
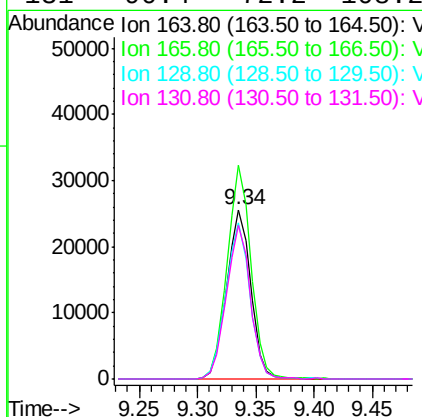
Manual Integrations  
APPROVED

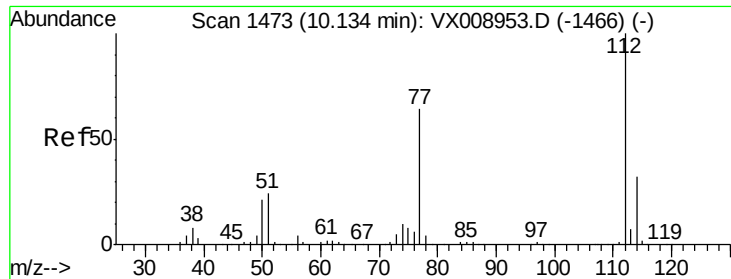
MMDadoda  
4/29/2019 11:25:28 AM



#64  
Tetrachloroethene  
Concen: 17.236 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.0 | 105.0 | 157.4 |
| 129     | 92.4  | 74.2  | 111.4 |
| 131     | 90.4  | 72.2  | 108.2 |





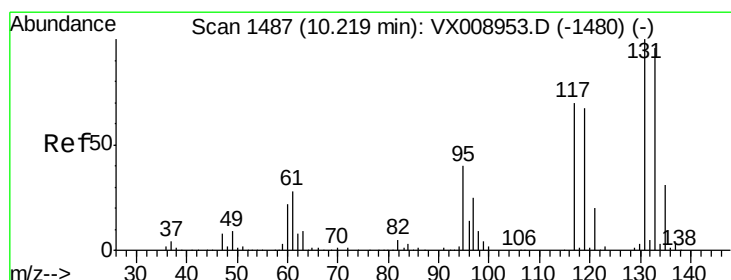
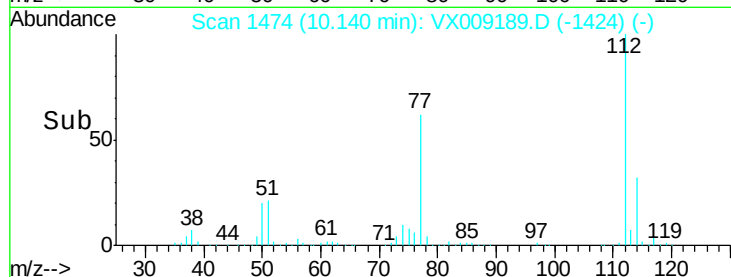
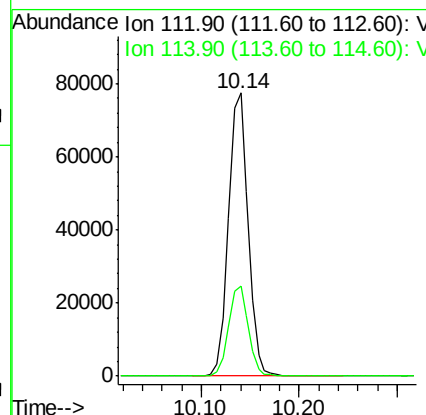
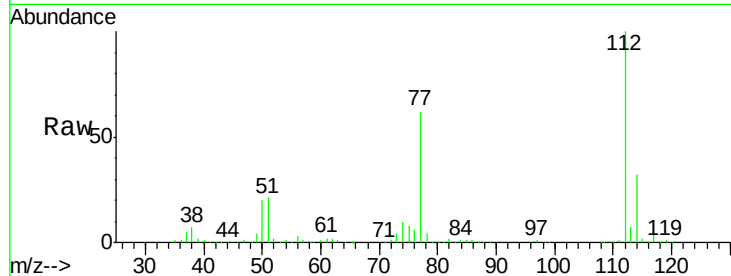
#65  
Chlorobenzene  
Concen: 18.108 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. 0.01 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

Tot Ion:112 Resp: 107951  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.4 38.0

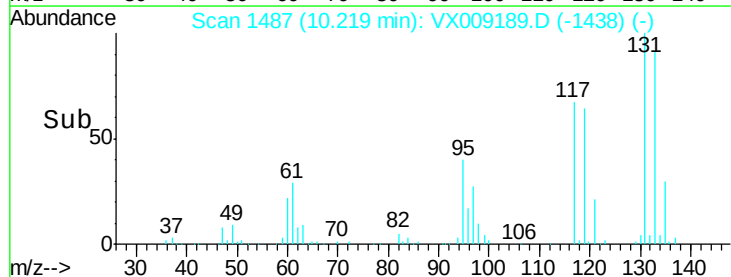
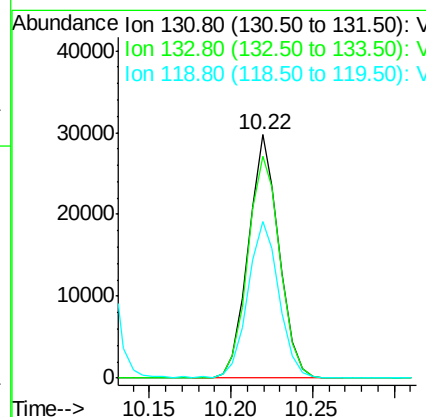
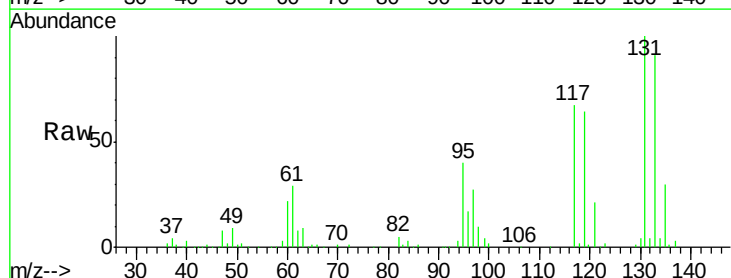
Manual Integrations  
APPROVED

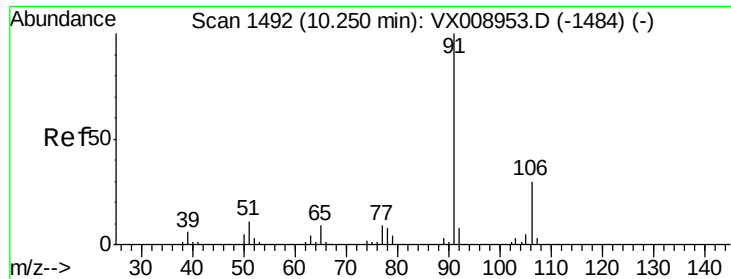
MMDadoda  
4/29/2019 11:25:28 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.453 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Tgt Ion:131 Resp: 38753  
Ion Ratio Lower Upper  
131 100  
133 95.6 48.0 144.2  
119 66.0 33.7 101.1





#67

Ethyl Benzene

Concen: 18.335 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 91 Resp: 199806

Ion Ratio Lower Upper

91 100

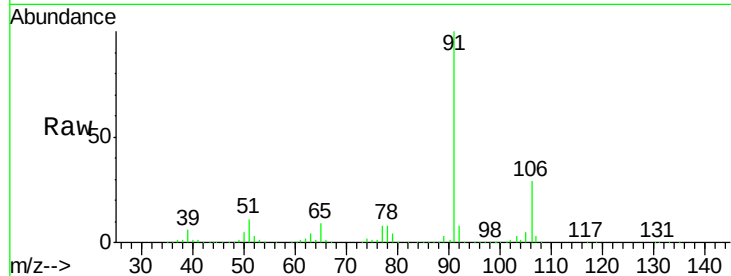
106 28.8 24.3 36.5

Manual Integrations

APPROVED

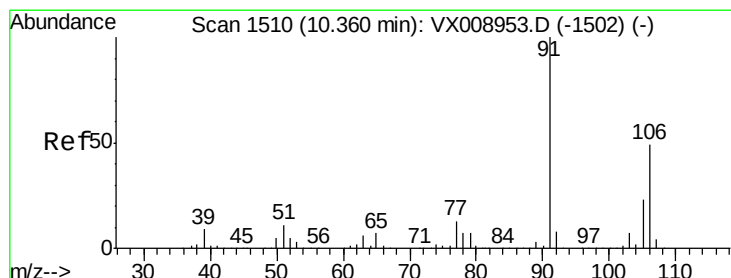
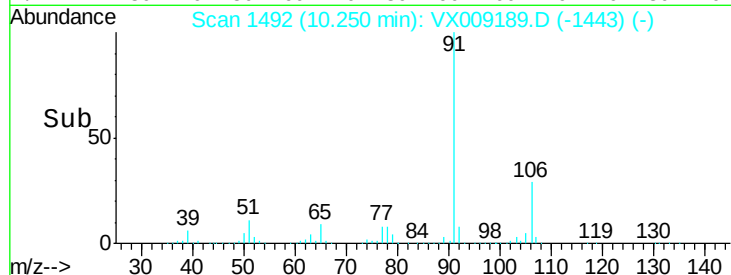
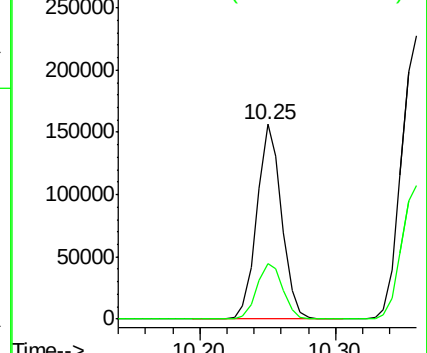
MMDadoda

4/29/2019 11:25:28 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: 36.747 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009189.D

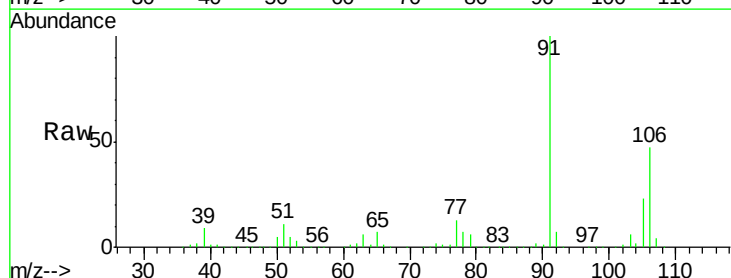
Acq: 26 Apr 2019 15:00

Tgt Ion: 106 Resp: 145537

Ion Ratio Lower Upper

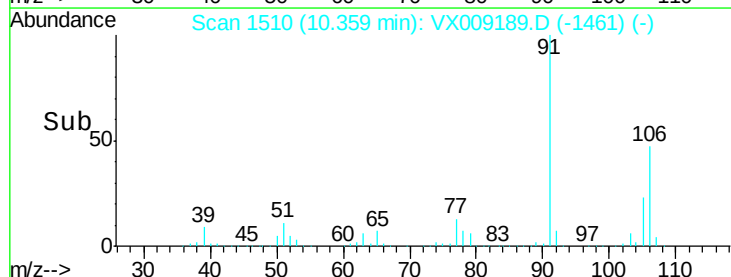
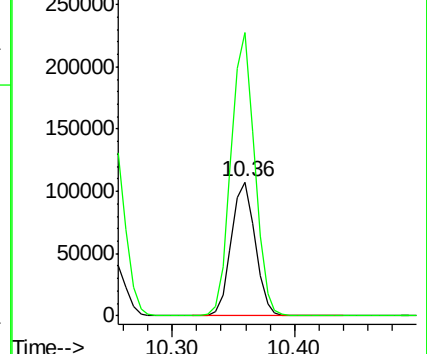
106 100

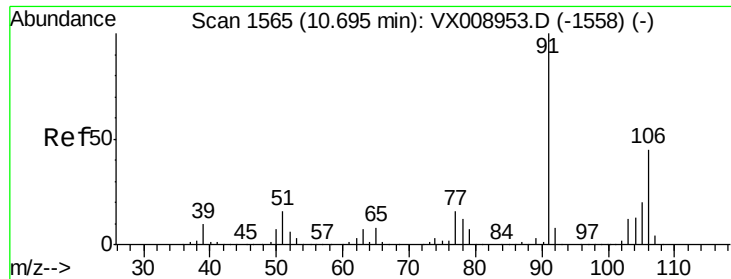
91 209.0 165.4 248.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





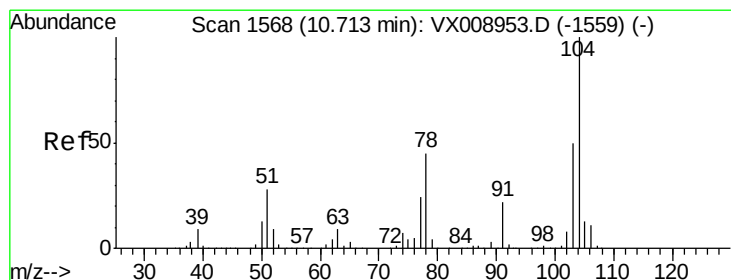
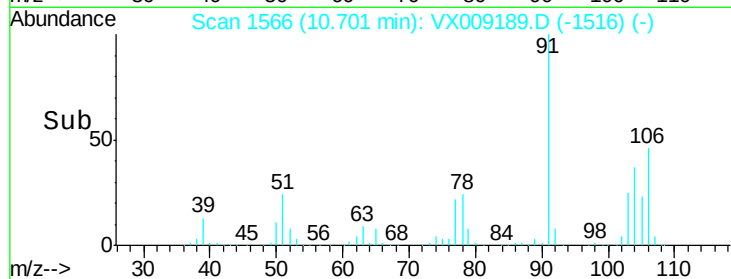
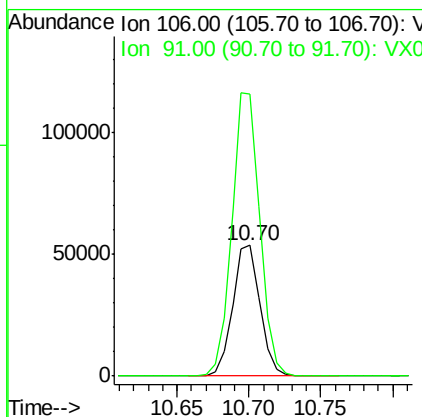
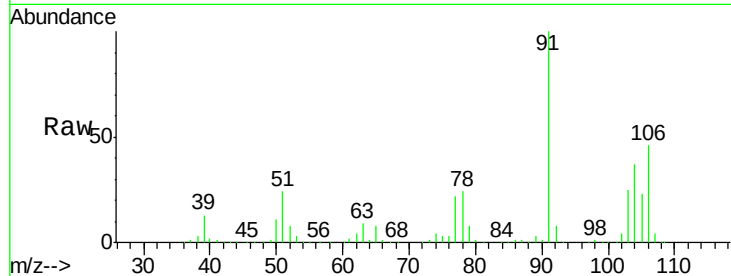
#69  
o-Xylene  
Concen: 18.648 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.01 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

Tot Ion:106 Resp: 71863  
Ion Ratio Lower Upper  
106 100  
91 220.5 108.9 326.7

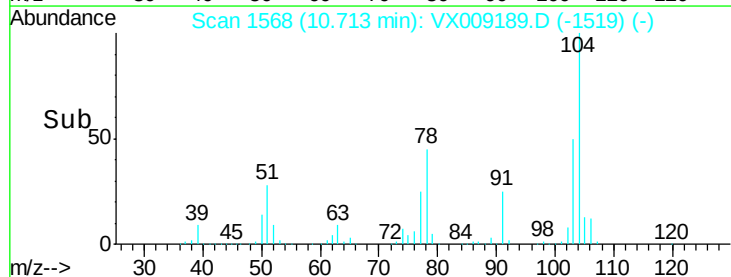
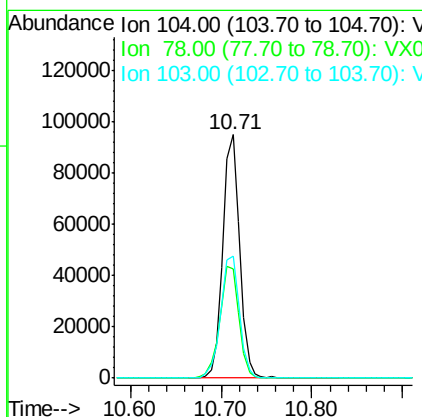
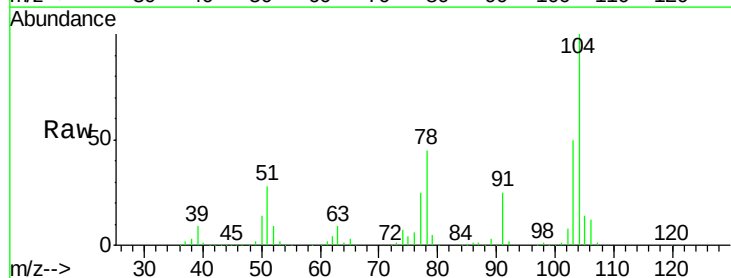
Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM

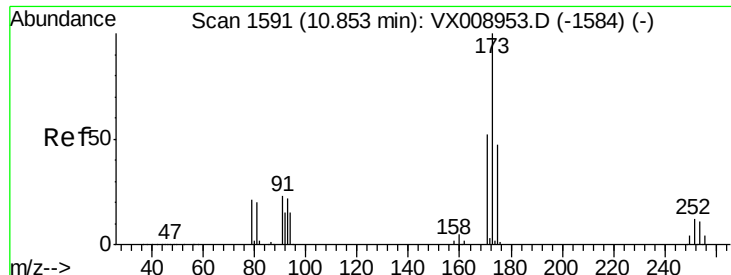


#70  
Styrene  
Concen: 18.476 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Tgt Ion:104 Resp: 123382  
Ion Ratio Lower Upper  
104 100  
78 52.1 41.2 61.8  
103 56.1 43.9 65.9







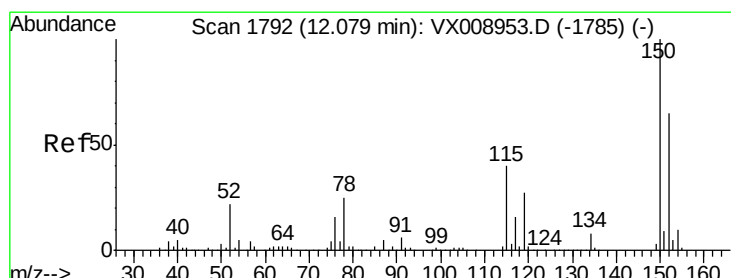
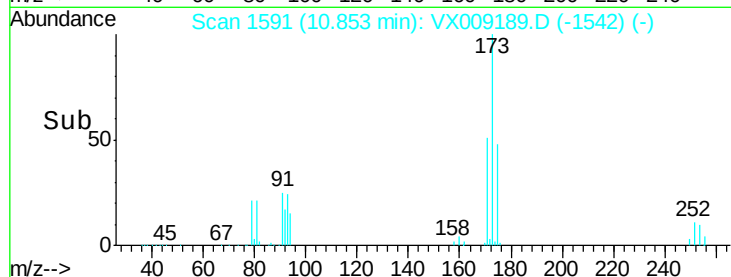
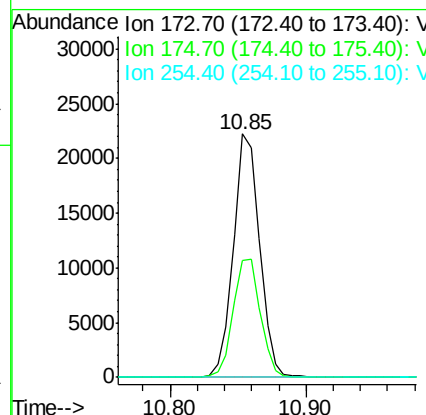
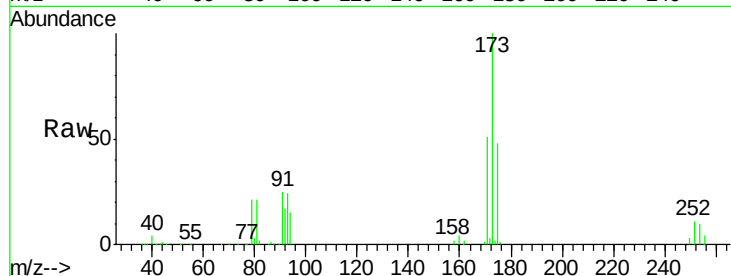
#71  
Bromoform  
Concen: 17.819 ug/l  
RT: 10.85 min Scan# 1591  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0426WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.2  | 23.9  | 71.8  |
| 254     | 0.3   | 0.2   | 0.4   |

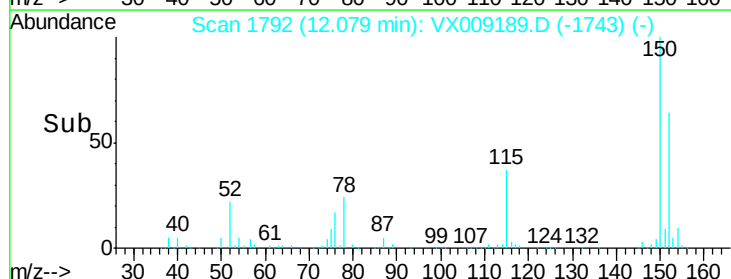
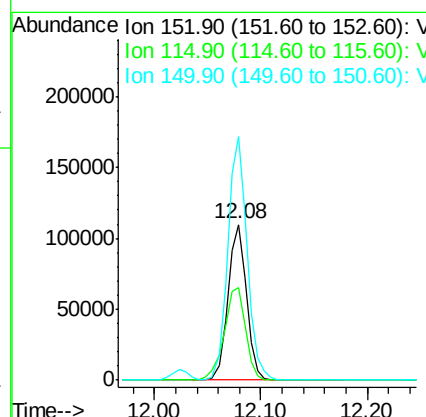
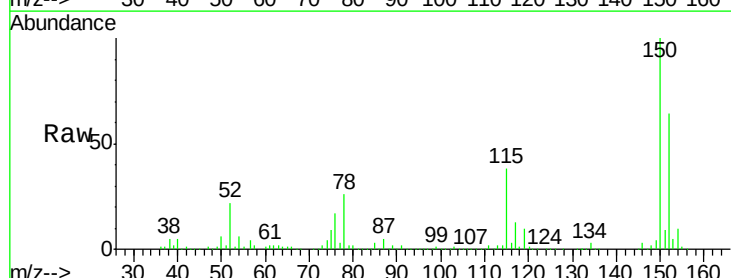
Manual Integrations  
APPROVED

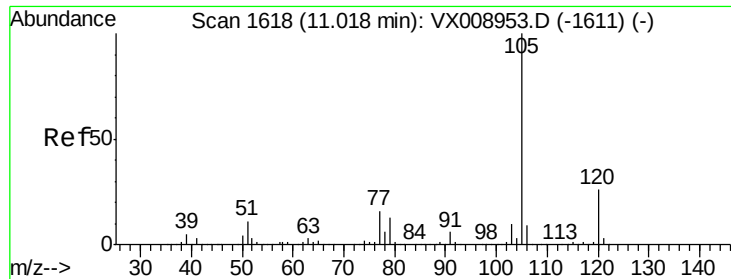
MMDadoda  
4/29/2019 11:25:28 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX009189.D  
Acq: 26 Apr 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 68.3  | 41.4  | 124.2 |
| 150     | 163.4 | 0.0   | 349.8 |





#73

Isopropylbenzene

Concen: 19.068 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 105 Resp: 191913

Ion Ratio Lower Upper

105 100

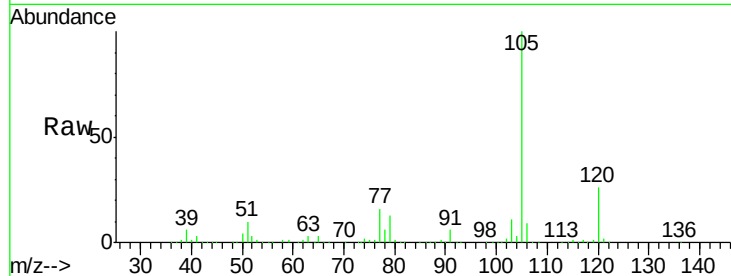
120 25.7 12.9 38.7

Manual Integrations

APPROVED

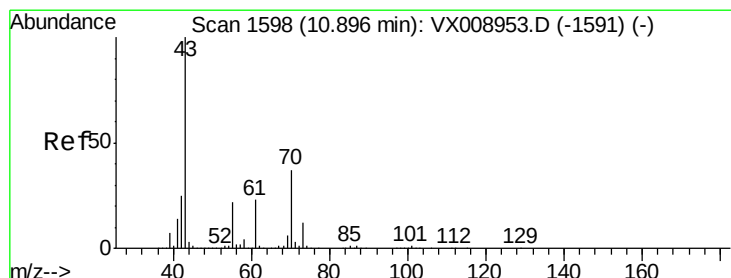
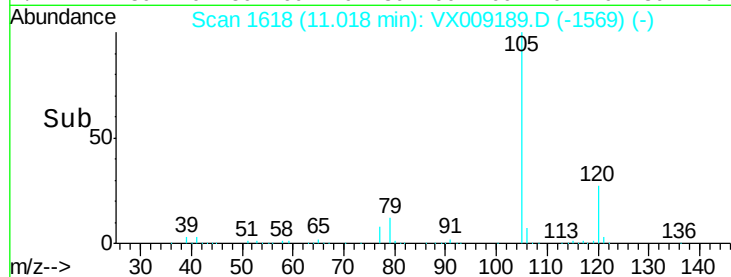
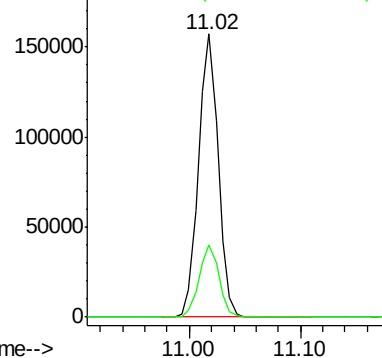
MMDadoda

4/29/2019 11:25:28 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.105 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Tgt Ion: 43 Resp: 116184

Ion Ratio Lower Upper

43 100

70 36.7 29.9 44.9

55 21.8 17.8 26.8

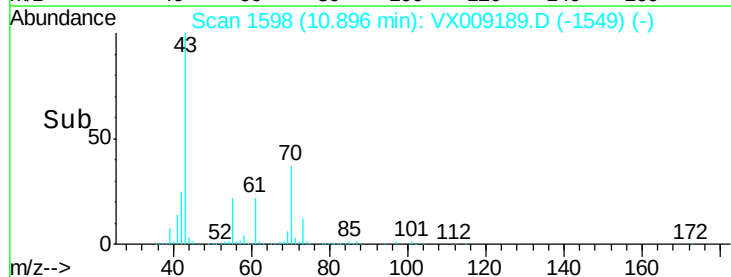
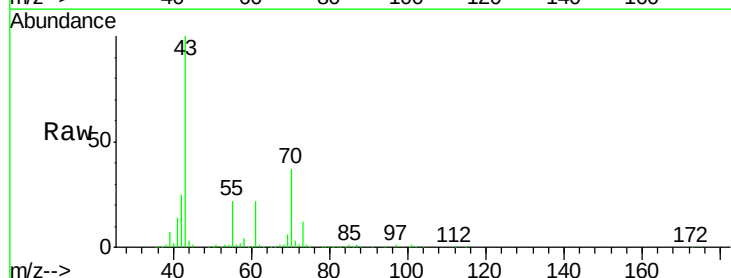
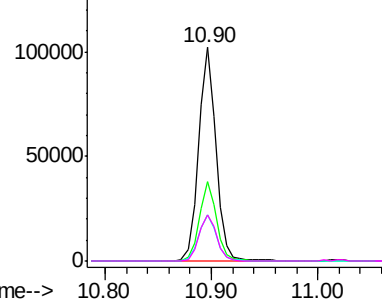
61 22.2 18.3 27.5

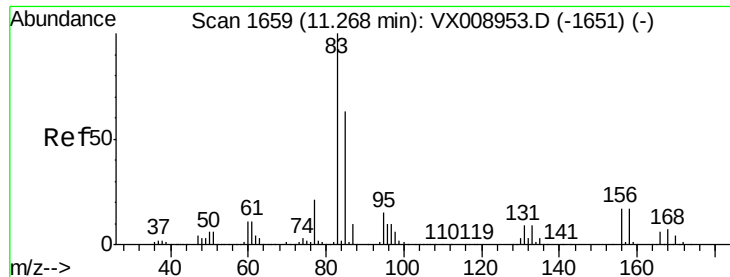
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.522 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

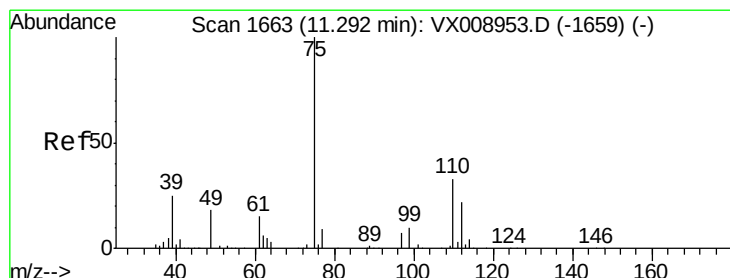
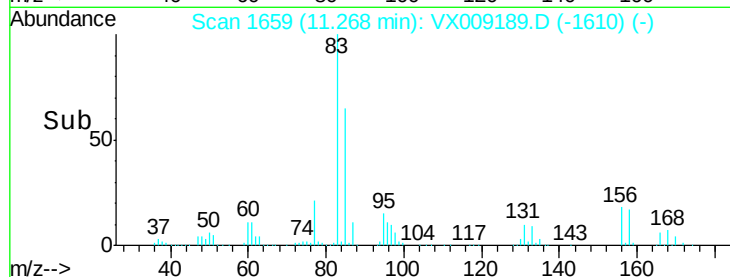
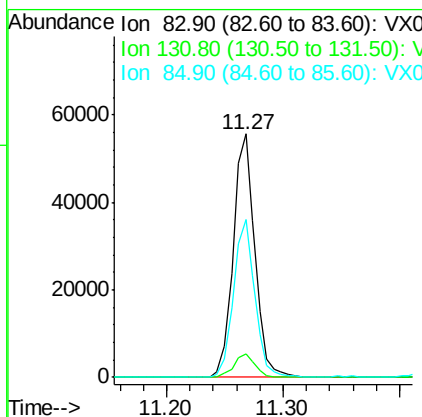
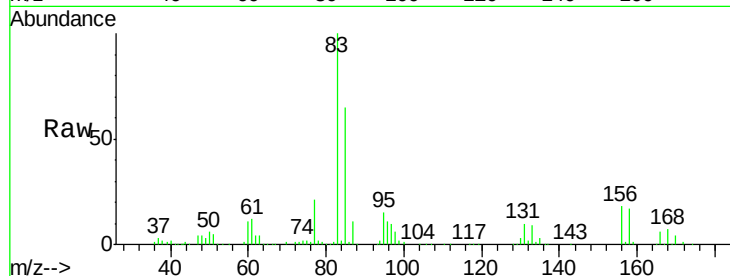
ClientSampleId :

VX0426WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 71790 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.5   | 4.7   | 14.0  |
| 85        | 64.4  | 31.9  | 95.9  |

Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM



#76

1,2,3-Trichloropropane

Concen: 21.861 ug/l m

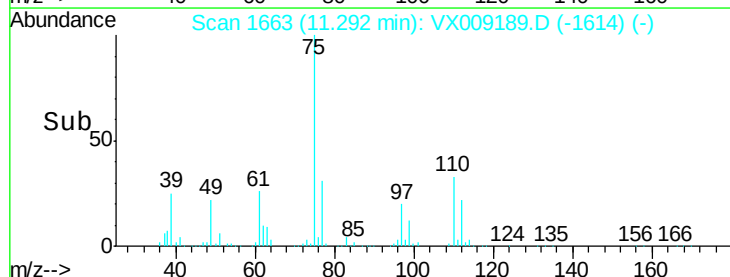
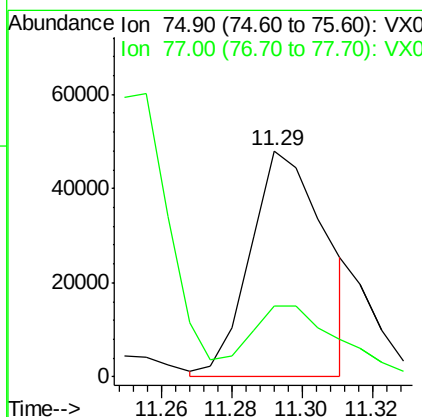
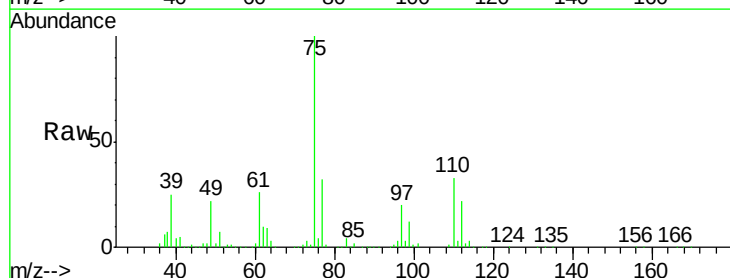
RT: 11.29 min Scan# 1663

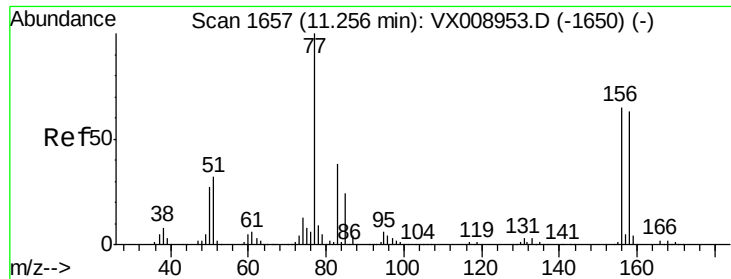
Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 70878 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 38.0  | 22.7  | 68.0  |





#77

Bromobenzene

Concen: 18.347 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion:156 Resp: 46589

Ion Ratio Lower Upper

156 100

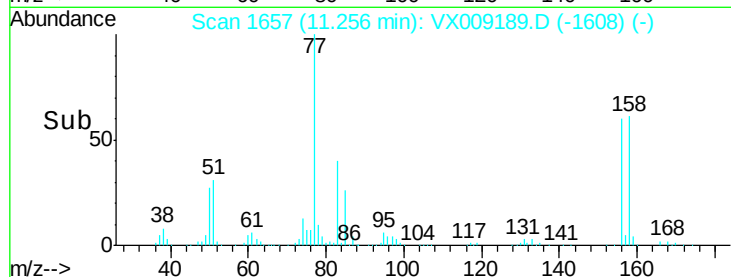
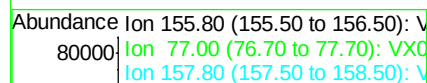
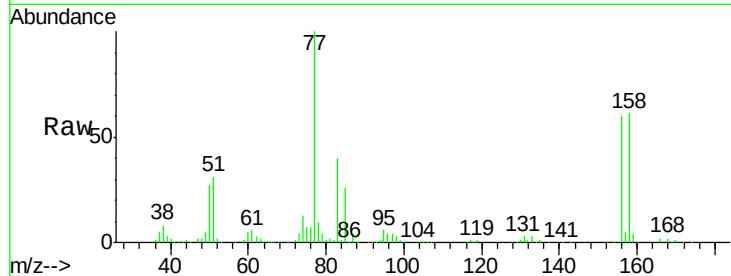
77 171.9 85.4 256.1

158 98.1 48.8 146.4

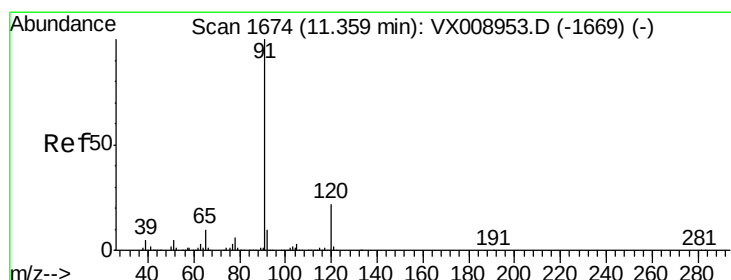
Manual Integrations  
APPROVED

MMDadoda

4/29/2019 11:25:28 AM



Time-->



#78

n-propylbenzene

Concen: 18.684 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009189.D

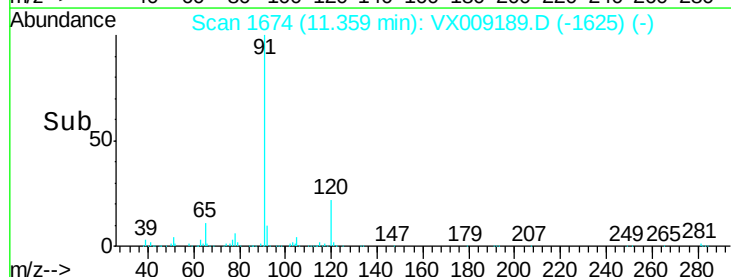
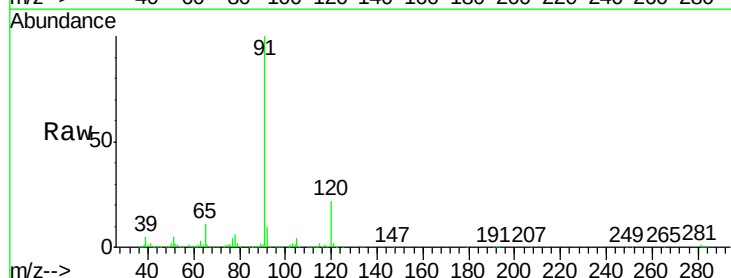
Acq: 26 Apr 2019 15:00

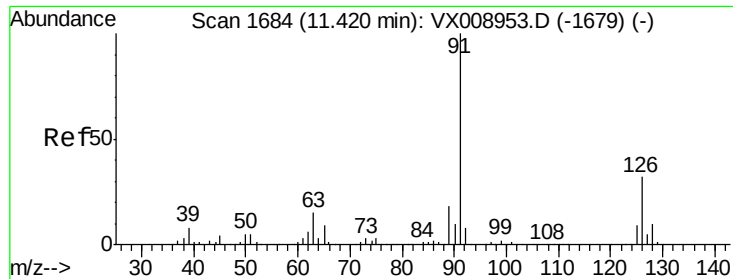
Tgt Ion: 91 Resp: 215838

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 18.837 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 91 Resp: 131126

Ion Ratio Lower Upper

91 100

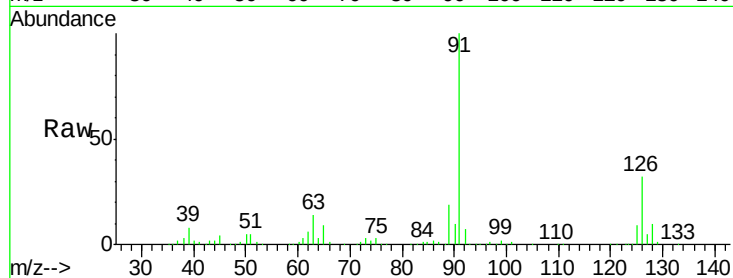
126 32.3 16.3 48.9

Manual Integrations

APPROVED

MMDadoda

4/29/2019 11:25:28 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

200000

150000

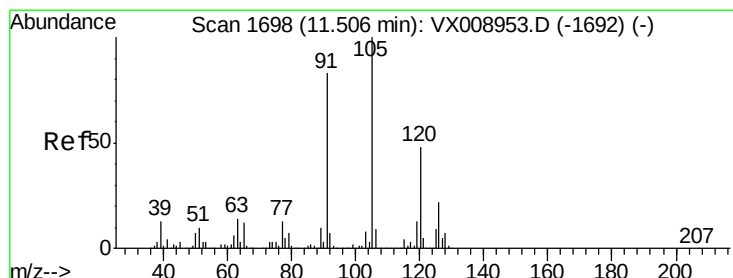
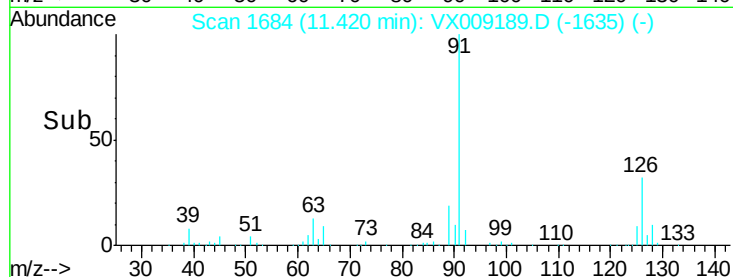
100000

50000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.917 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009189.D

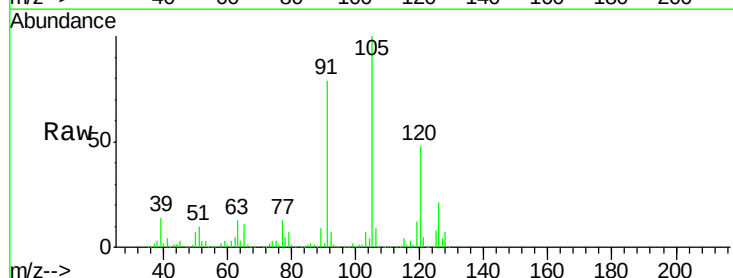
Acq: 26 Apr 2019 15:00

Tgt Ion:105 Resp: 159767

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

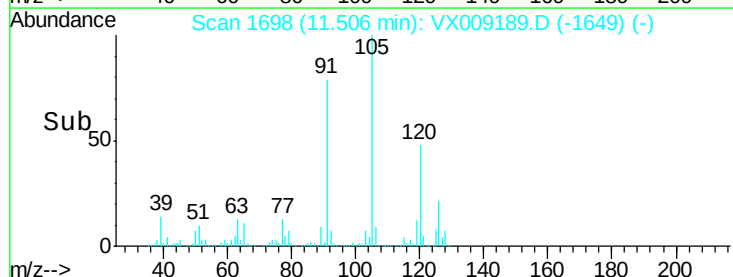
100000

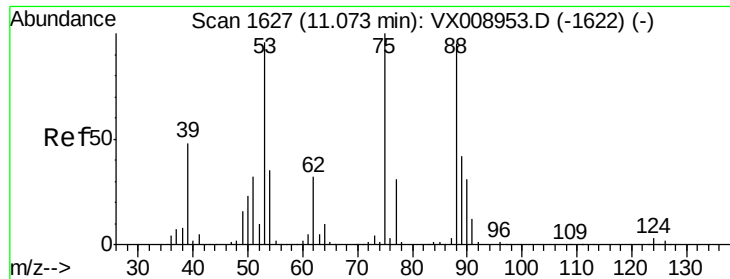
50000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.624 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 75 Resp: 20995

Ion Ratio Lower Upper

75 100

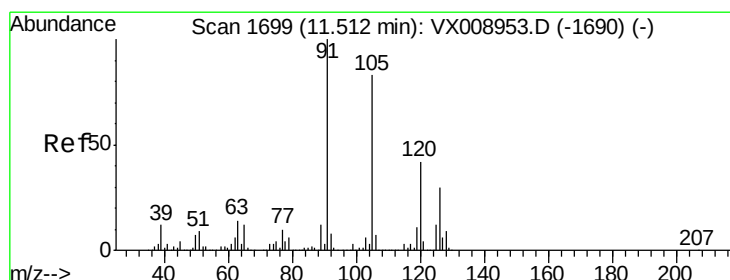
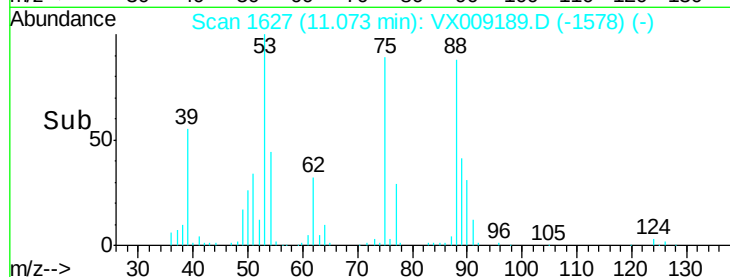
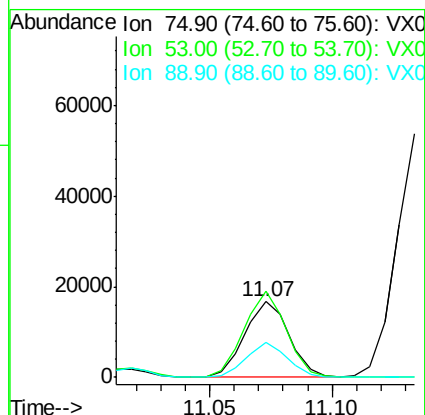
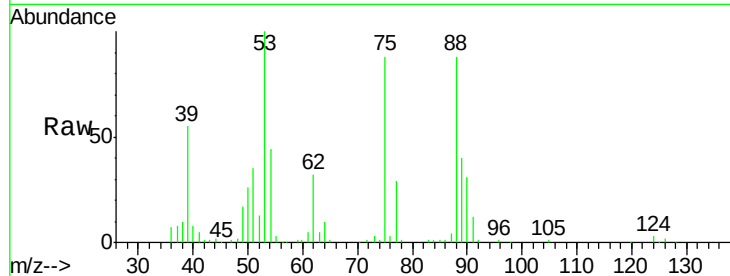
53 107.5 78.2 117.4

89 43.0 36.0 54.0

Manual Integrations  
APPROVED

MMDadoda

4/29/2019 11:25:28 AM



#82

4-Chlorotoluene

Concen: 18.439 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009189.D

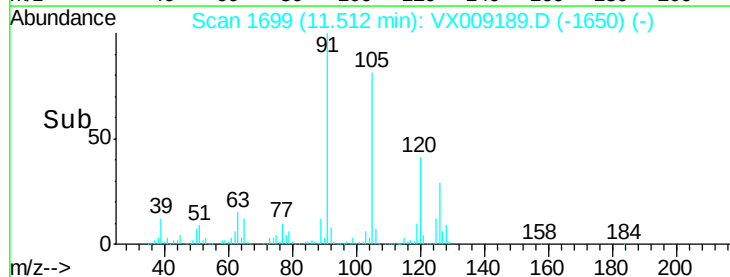
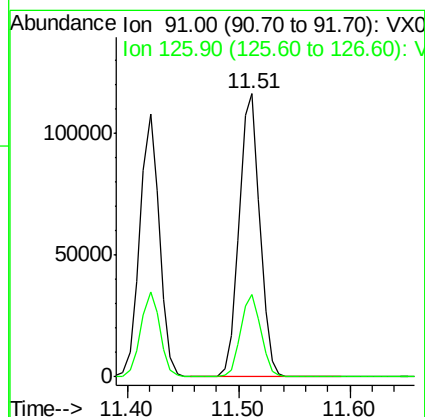
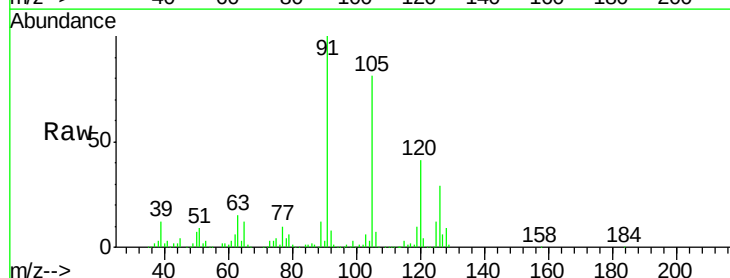
Acq: 26 Apr 2019 15:00

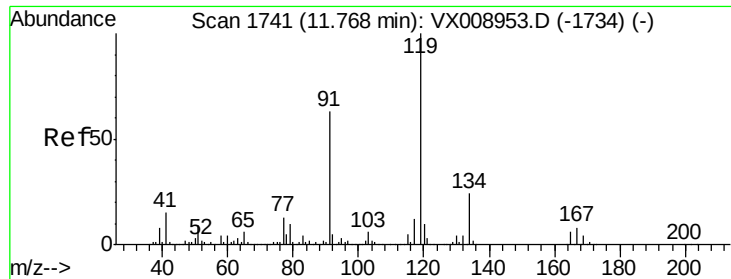
Tgt Ion: 91 Resp: 149070

Ion Ratio Lower Upper

91 100

126 28.6 14.3 42.9





#83

tert-Butylbenzene

Concen: 18.800 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

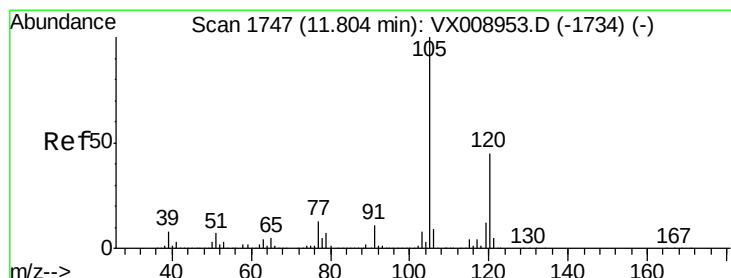
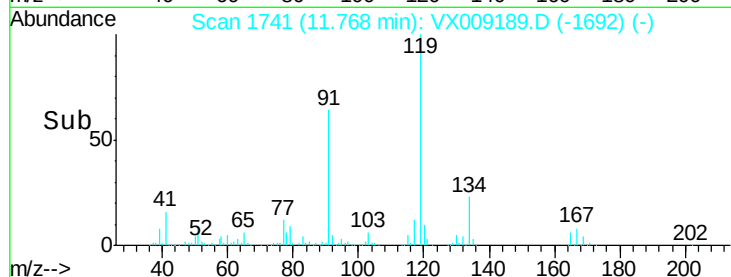
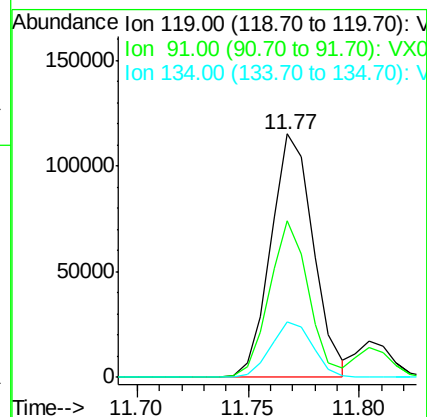
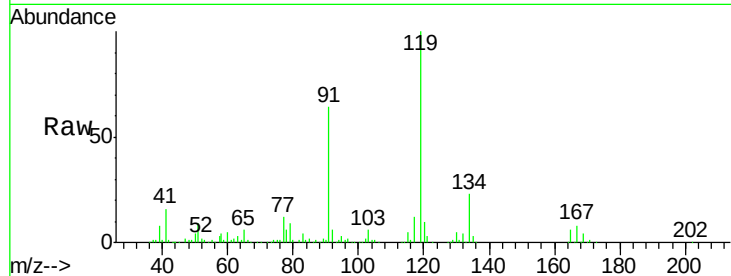
ClientSampleId :

VX0426WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 152444 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 59.5  | 29.7  | 89.1   |
| 134       | 22.5  | 11.2  | 33.5   |

Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM



#84

1,2,4-Trimethylbenzene

Concen: 18.752 ug/l

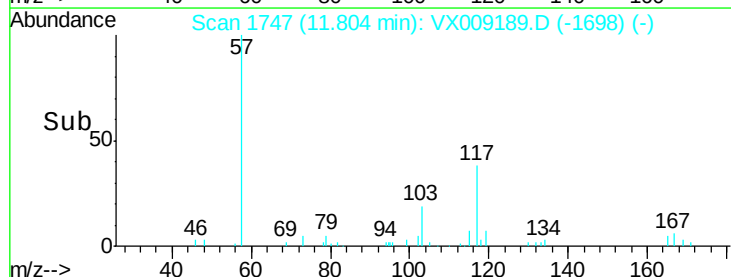
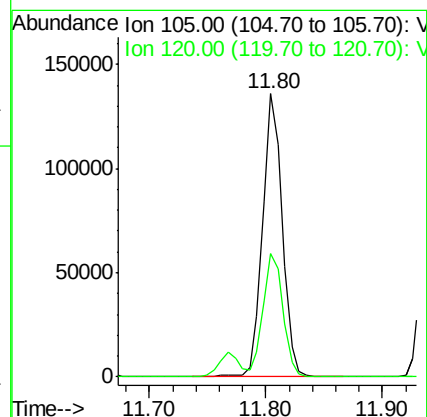
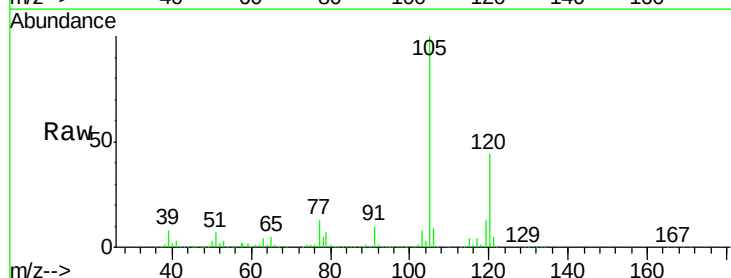
RT: 11.80 min Scan# 1747

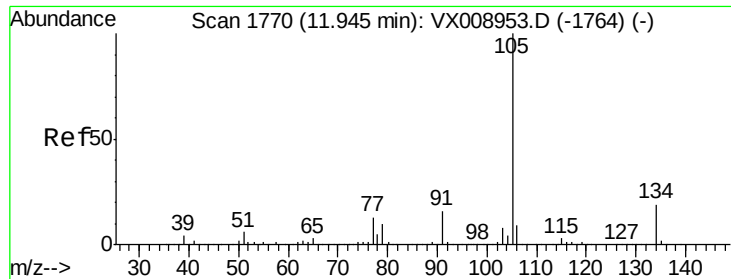
Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 161212 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 43.7  | 21.9  | 65.8   |





#85

sec-Butylbenzene

Concen: 18.850 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

ClientSampleID :

VX0426WBSD01

Tot Ion:105 Resp: 182297

Ion Ratio Lower Upper

105 100

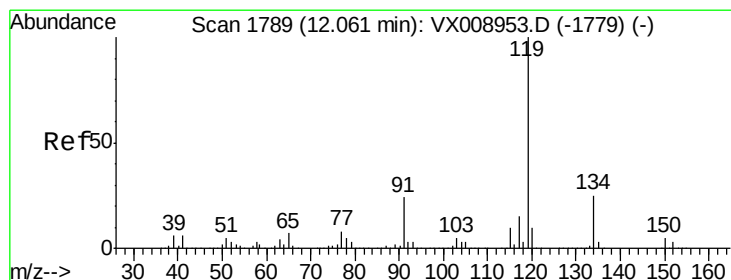
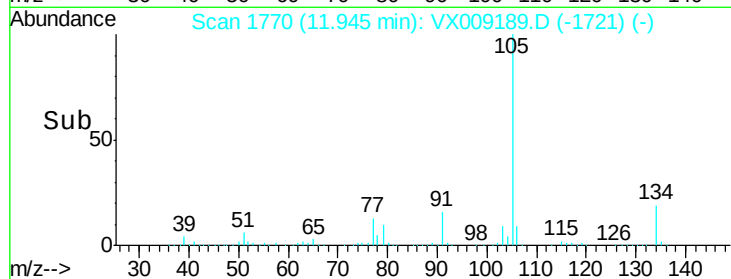
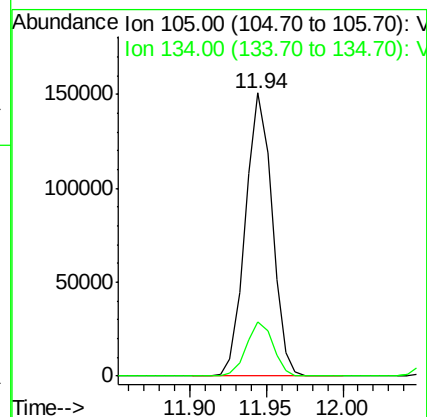
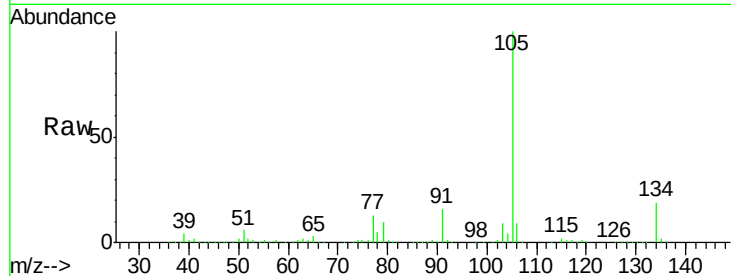
134 19.4 9.6 28.6

Manual Integrations

APPROVED

MMDadoda

4/29/2019 11:25:28 AM



#86

p-Isopropyltoluene

Concen: 18.511 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

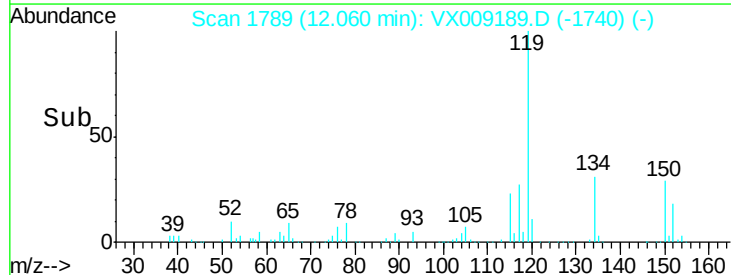
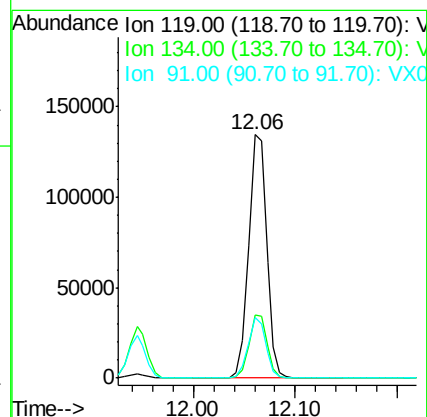
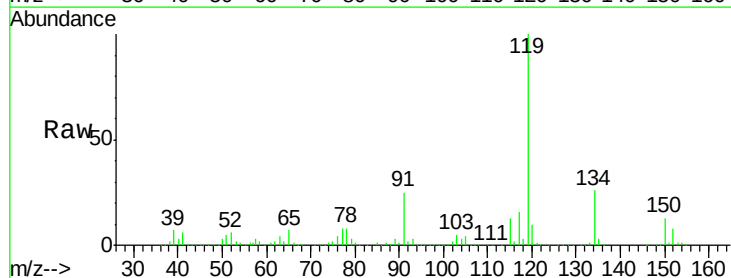
Tgt Ion:119 Resp: 164586

Ion Ratio Lower Upper

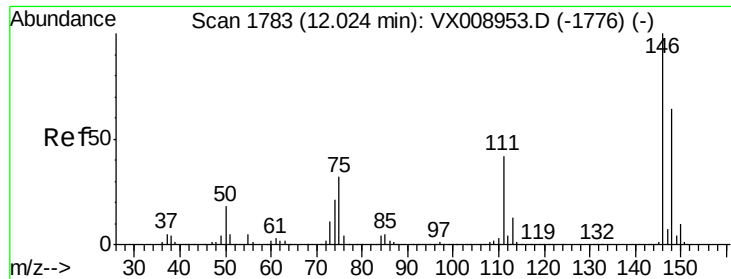
119 100

134 25.9 12.9 38.6

91 24.4 11.9 35.5







#87

1,3-Dichlorobenzene

Concen: 18.212 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

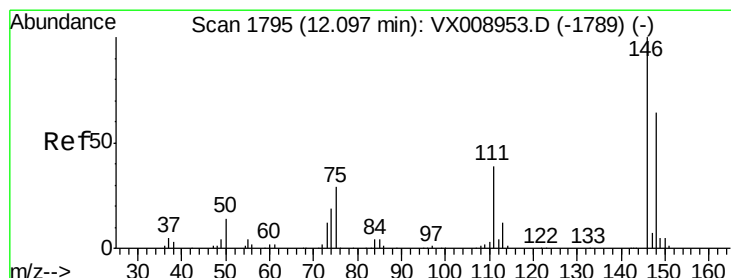
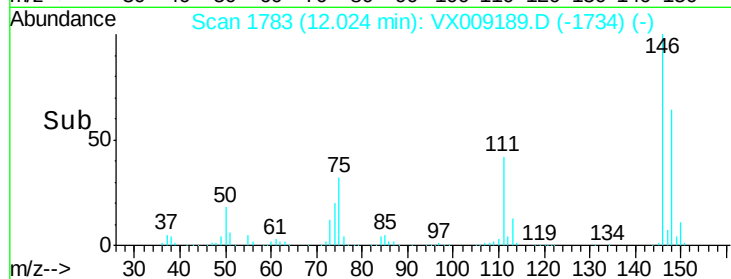
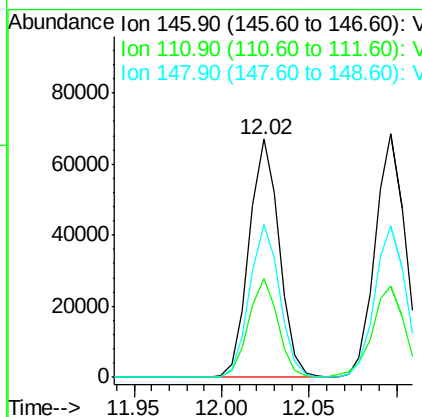
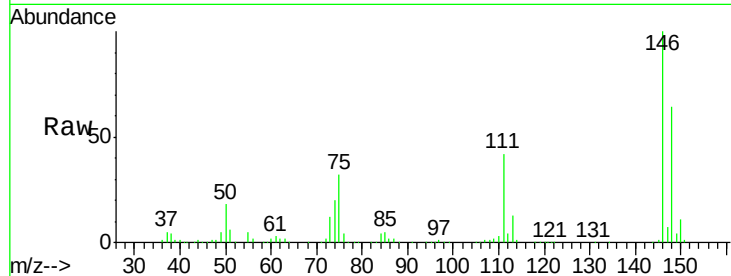
ClientSampleId :

VX0426WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 80945 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 40.5  | 20.5  | 61.6  |
| 148       | 64.3  | 32.2  | 96.6  |

Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM



#88

1,4-Dichlorobenzene

Concen: 18.191 ug/l

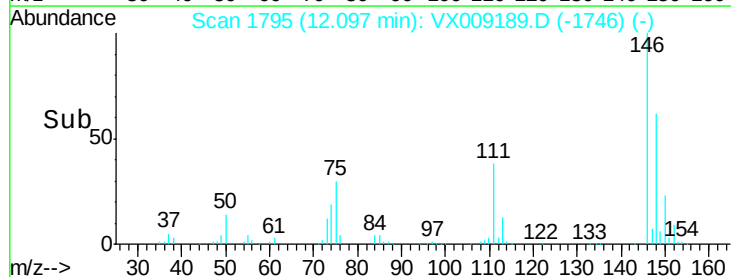
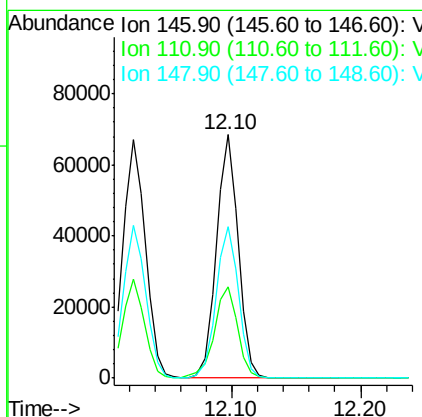
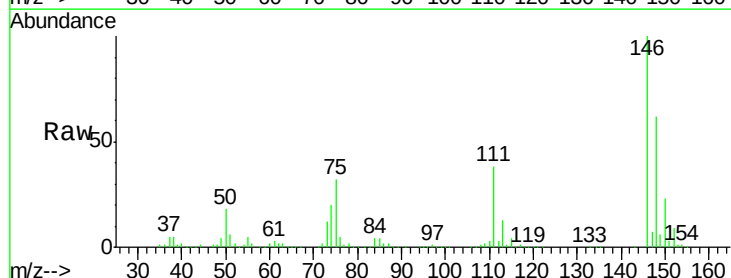
RT: 12.10 min Scan# 1795

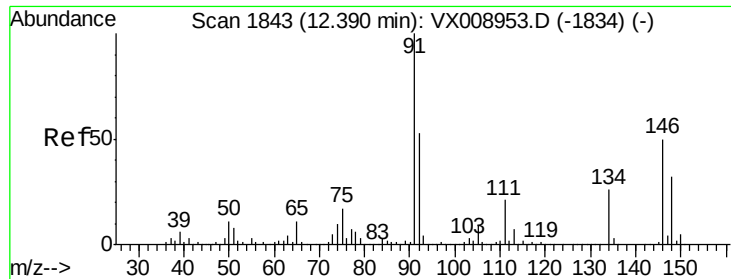
Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 81956 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 40.0  | 20.0  | 59.9  |
| 148       | 64.1  | 32.2  | 96.6  |





#89

n-Butylbenzene

Concen: 17.378 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

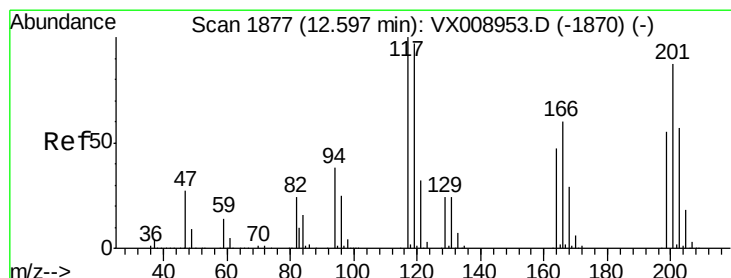
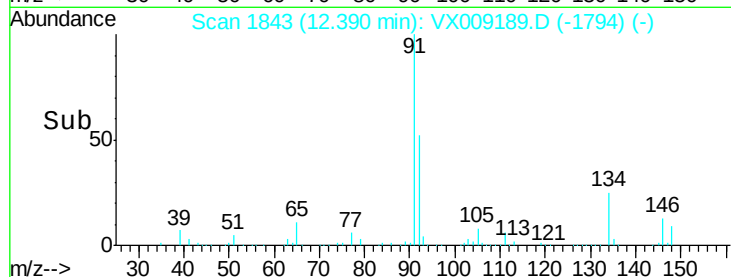
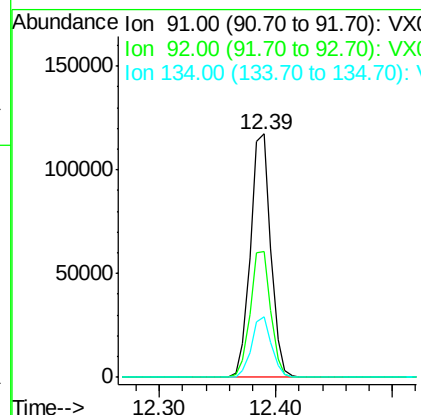
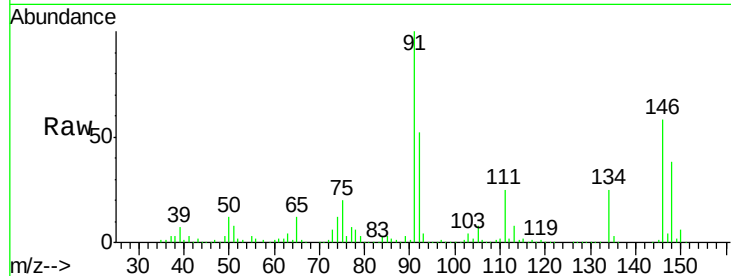
ClientSampleId :

VX0426WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 91    | Resp: | 143903 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 52.1  | 26.6  | 79.8   |
| 134       | 24.4  | 12.4  | 37.2   |

Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM



#90

Hexachloroethane

Concen: 18.074 ug/l

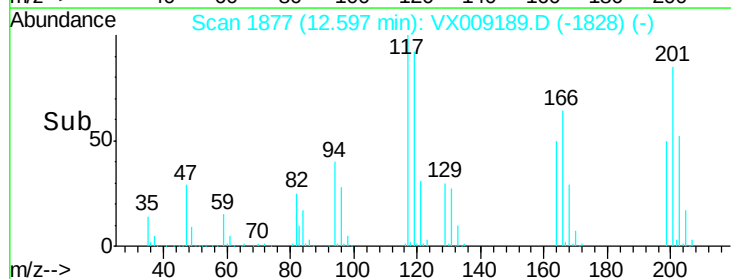
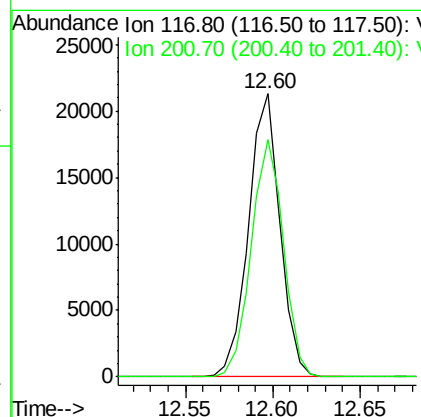
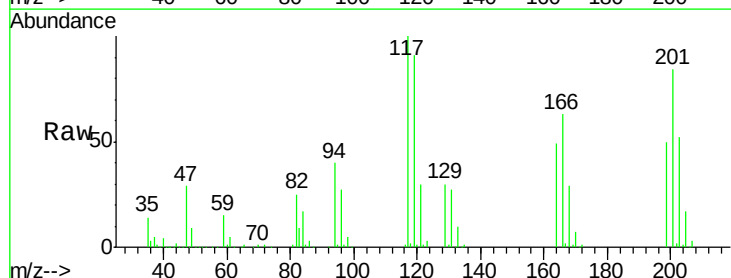
RT: 12.60 min Scan# 1877

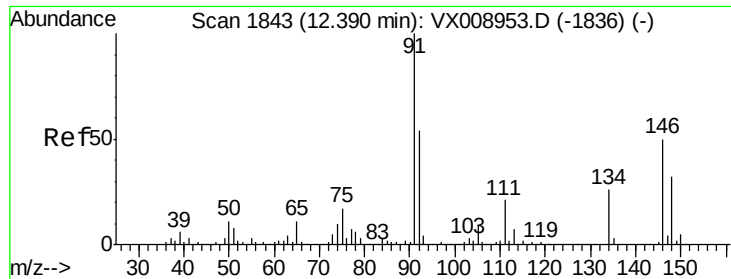
Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 26508 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 85.7  | 43.0  | 129.0 |





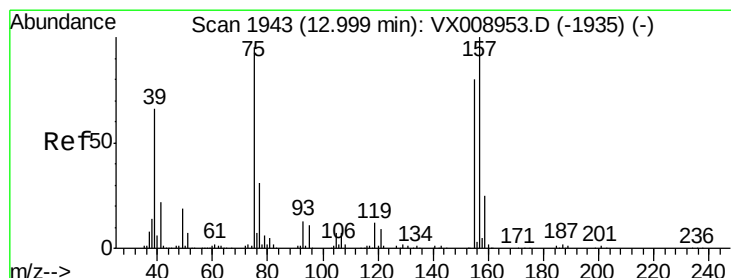
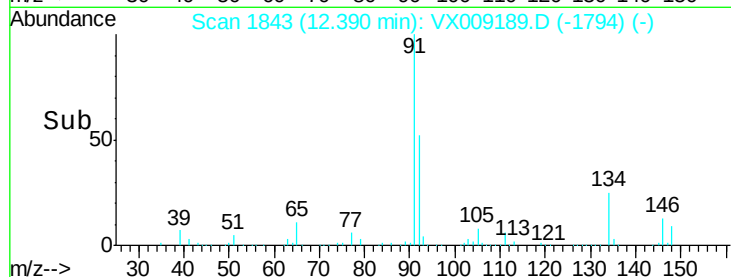
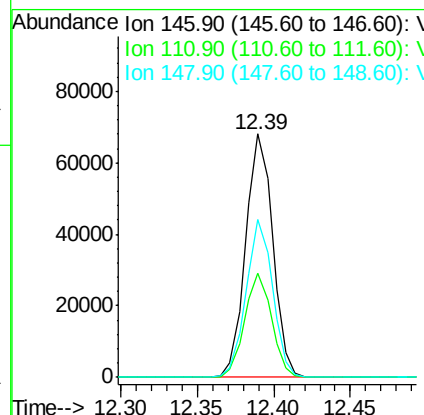
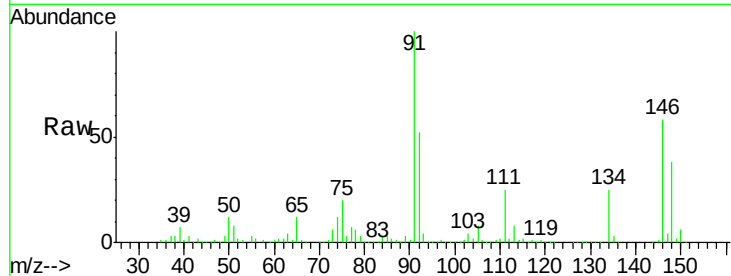
#91  
 1,2-Dichlorobenzene  
 Concen: 19.102 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0426WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 42.5  | 20.6 | 61.9  |       |
| 148     | 63.3  | 32.0 | 96.2  |       |

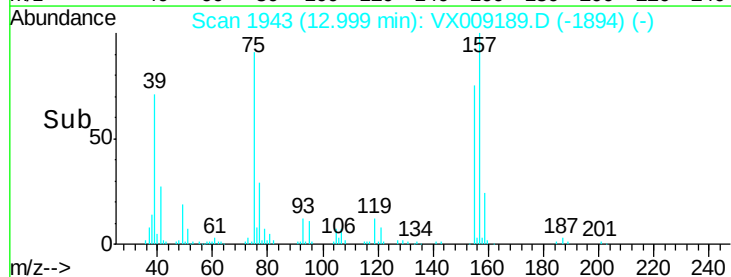
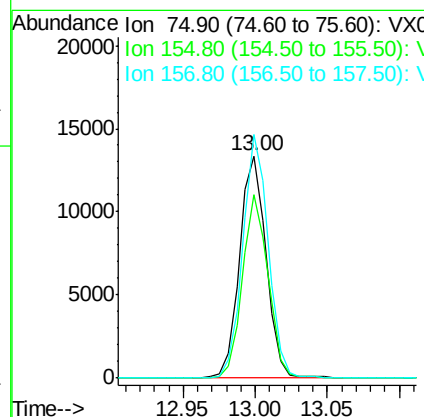
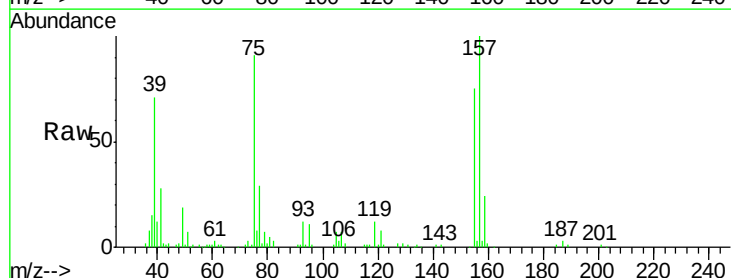
Manual Integrations  
 APPROVED

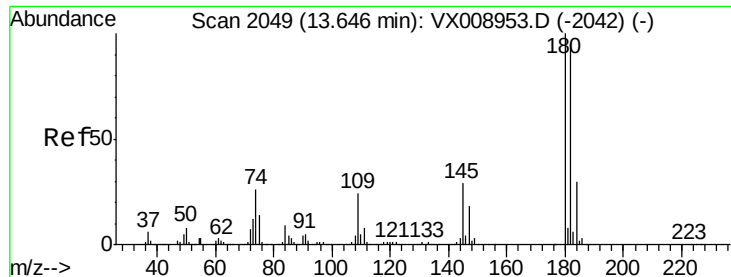
MMDadoda  
 4/29/2019 11:25:28 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.529 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 155     | 79.4  | 41.2 | 123.6 |       |
| 157     | 104.8 | 52.5 | 157.6 |       |





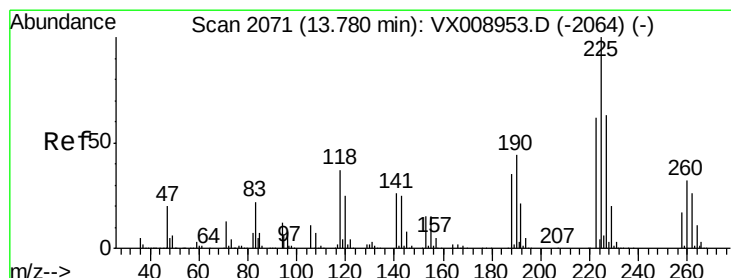
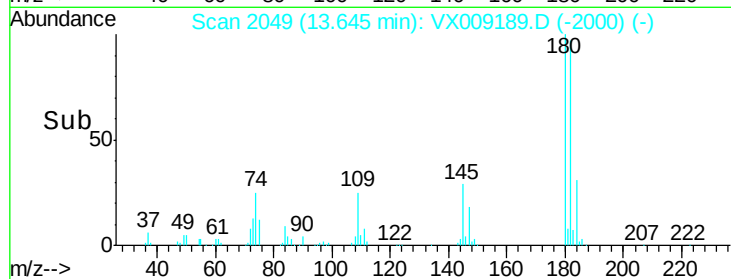
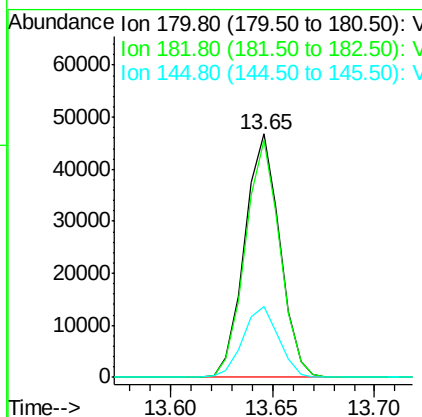
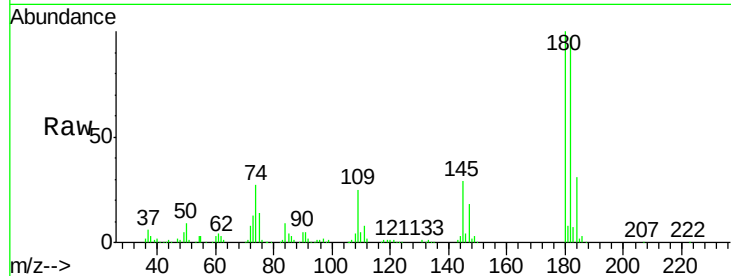
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.728 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0426WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 47.6  | 142.9 |
| 145     | 29.8  | 14.8  | 44.4  |

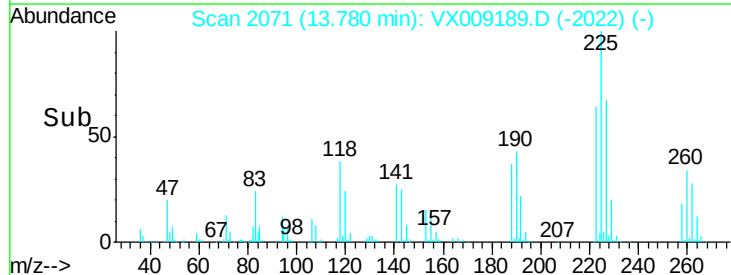
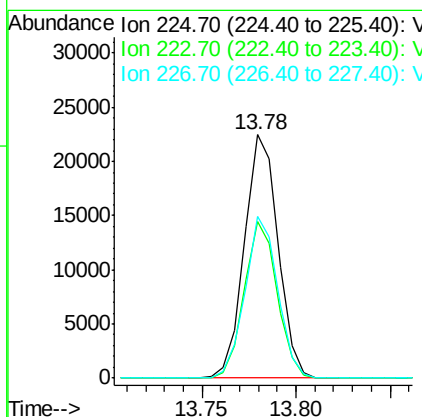
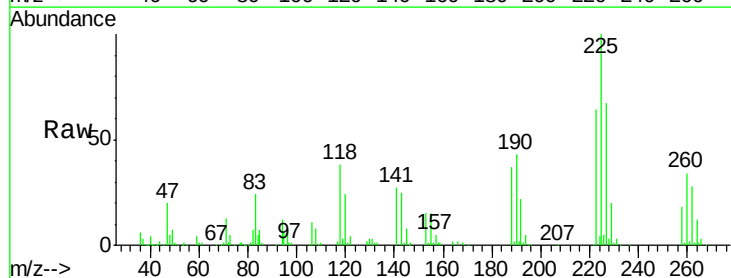
Manual Integrations  
 APPROVED

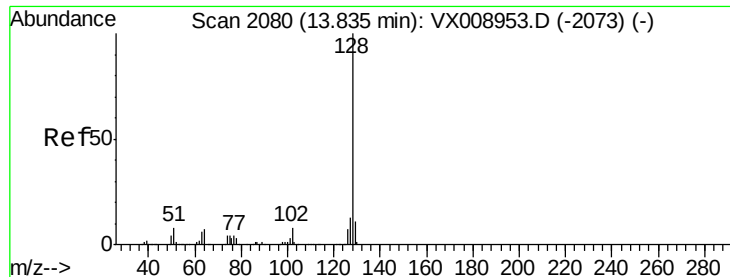
MMDadoda  
 4/29/2019 11:25:28 AM



#94  
 Hexachlorobutadiene  
 Concen: 17.559 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX009189.D  
 Acq: 26 Apr 2019 15:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.8  | 31.1  | 93.2  |
| 227     | 64.9  | 32.0  | 96.2  |





#95

Naphthalene

Concen: 19.788 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA\_X

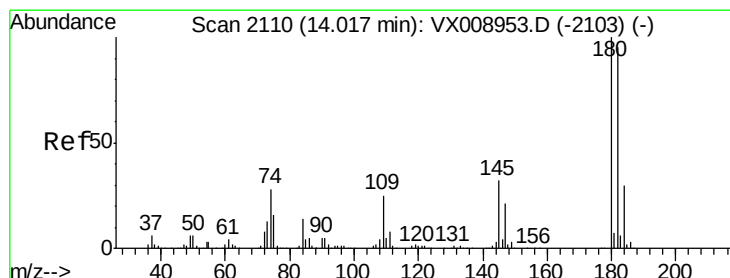
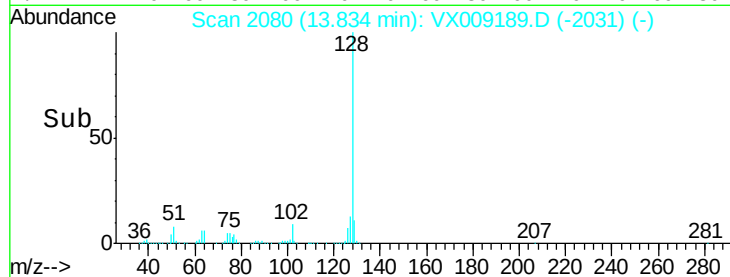
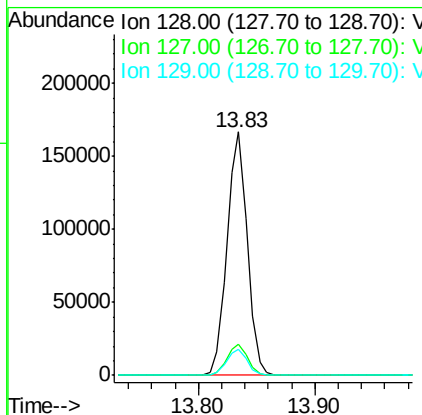
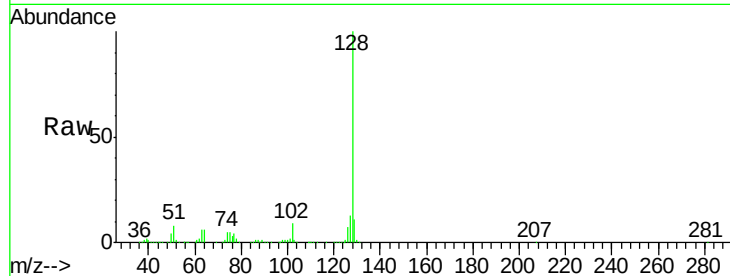
ClientSampleId :

VX0426WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 200847 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.6  | 16.0   |
| 129       | 11.0  | 8.6   | 13.0   |

Manual Integrations  
APPROVED

MMDadoda  
4/29/2019 11:25:28 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.076 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 59631 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.3  | 47.8  | 143.4 |
| 145       | 32.0  | 15.8  | 47.3  |

