

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX073018\  
 Data File : VX003730.D  
 Acq On : 30 Jul 2018 18:05  
 Operator : JC/SP  
 Sample : VSTDIC150  
 Misc : 5.00G/5.0mL/MSVOA X/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Manual Integrations  
 APPROVED

MMDadoda  
 8/1/2018 10:40:17 AM

Quant Time: Aug 03 07:35:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X073018S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 31 05:23:28 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 106003   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 155745   | 50.00 | ug/l  | -0.01    |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 141909   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 84825    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 159873   | 149.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 298.24% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 143940   | 156.96 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 313.92% |      |
| 50) Toluene-d8            | 8.72   | 98  | 573727   | 150.05 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 300.10% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 214191   | 151.93 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 303.86% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 126759  | 141.68 | ug/l | 100    |
| 3) Chloromethane              | 1.32 | 50  | 164094  | 145.90 | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 170988  | 141.34 | ug/l | # 89   |
| 5) Bromomethane               | 1.63 | 94  | 97993   | 134.56 | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.91 | 101 | 229882  | 209.72 | ug/l | 98     |
| 8) Diethyl Ether              | 2.18 | 74  | 90842   | 151.52 | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 150122  | 149.18 | ug/l | 99     |
| 10) Methyl Iodide             | 2.50 | 142 | 193556  | 167.30 | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.10 | 59  | 132609  | 763.89 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 138926  | 135.53 | ug/l | 96     |
| 13) Acrolein                  | 2.29 | 56  | 28370   | 499.51 | ug/l | 91     |
| 14) Allvl chloride            | 2.71 | 41  | 253948  | 151.20 | ug/l | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 337165  | 763.71 | ug/l | 100    |
| 16) Acetone                   | 2.45 | 43  | 306591  | 748.68 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.55 | 76  | 451428  | 146.44 | ug/l | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 175640  | 152.63 | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 402497  | 156.07 | ug/l | 99     |
| 20) Methylene Chloride        | 2.84 | 84  | 157779  | 125.67 | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 152111  | 146.52 | ug/l | 94     |
| 22) Diisopropyl ether         | 3.87 | 45  | 454758  | 149.99 | ug/l | 98     |
| 23) Vinyl Acetate             | 3.82 | 43  | 1705463 | 779.90 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 262904  | 148.69 | ug/l | 98     |
| 25) 2-Butanone                | 4.70 | 43  | 471358  | 789.59 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 209252  | 150.26 | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 168202  | 150.34 | ug/l | 97     |
| 28) Bromochloromethane        | 5.02 | 49  | 116048  | 146.31 | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 290963  | 764.82 | ug/l | 98     |
| 30) Chloroform                | 5.21 | 83  | 263855  | 151.44 | ug/l | 92     |
| 31) Cyclohexane               | 5.57 | 56  | 257922  | 151.01 | ug/l | 86     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 230501  | 153.93 | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 214539  | 147.09 | ug/l | 99     |
| 37) Ethyl Acetate             | 4.86 | 43  | 173335  | 154.71 | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 211678  | 156.90 | ug/l | 96     |
| 39) Methylcyclohexane         | 7.46 | 83  | 278813  | 155.70 | ug/l | 95     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VOX073018\  
 Data File : VX003730.D  
 Acq On : 30 Jul 2018 18:05  
 Operator : JC/SP  
 Sample : VSTDICC150  
 Misc : 5.00G/5.0mL/MSVOA X/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC150

Manual Integrations  
 APPROVED

MMDadoda  
 8/1/2018 10:40:17 AM

Quant Time: Aug 03 07:35:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X073018S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 31 05:23:28 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 40) Benzene                    | 6.14  | 78   | 621636   | 148.73  | ug/l   | 97       |
| 41) Methacrylonitrile          | 5.06  | 41   | 97864    | 154.96  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 191715   | 151.86  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 290894   | 162.95  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 174129   | 146.04  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 158015   | 153.73  | ug/l   | 97       |
| 46) Dibromomethane             | 7.67  | 93   | 92446    | 156.07  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 193741   | 164.13  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 147011   | 164.18  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.76  | 88   | 59838    | 3310.97 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 894319   | 815.18  | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 392852   | 150.68  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 223499   | 165.78  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 248469   | 165.35  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 140254   | 156.30  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 209639   | 170.08  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 233375   | 154.93  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 517844   | 878.22  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.50  | 43   | 696703   | 833.60  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 152314   | 168.55  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 144544   | 157.77  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 168265   | 150.85  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 444847   | 150.01  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 156037   | 161.35  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 773332   | 154.44  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 608215   | 310.51  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 288163   | 158.44  | ug/l   | 100      |
| 70) Stvrene                    | 10.71 | 104  | 494111   | 161.48  | ug/l   | 100      |
| 71) Bromoform                  | 10.86 | 173  | 119537   | 179.78  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 785524   | 147.92  | ug/l   | 100      |
| 74) N-amyl acetate             | 6.46  | 43   | 290894   | 172.24  | ug/l # | 57       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 213135   | 154.38  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 175692m  | 150.27  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 207162   | 149.64  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.37 | 91   | 936359   | 145.55  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 531396   | 145.49  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 688400   | 132.88  | ug/l # | 67       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 69297    | 175.56  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 644714   | 145.53  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 688171   | 153.50  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 704237   | 150.95  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 857996   | 149.59  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 789993   | 171.78  | ug/l # | 69       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 410316   | 146.51  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 414479   | 145.06  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 760121   | 153.21  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 126810   | 163.82  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 396388   | 151.99  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 45797    | 167.18  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 324092   | 156.65  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX073018\  
Data File : VX003730.D  
Acq On : 30 Jul 2018 18:05  
Operator : JC/SP  
Sample : VSTDICC150  
Misc : 5.00G/5.0mL/MSVOA X/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

Manual Integrations  
APPROVED

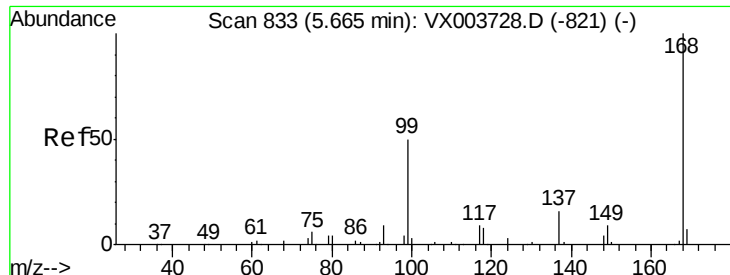
MMDadoda  
8/1/2018 10:40:17 AM

Quant Time: Aug 03 07:35:47 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X073018S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 31 05:23:28 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 13.79 | 225  | 203121   | 153.52 | ug/l  | 100      |
| 95) Naphthalene            | 13.83 | 128  | 736510   | 166.59 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 298867   | 159.14 | ug/l  | 100      |

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





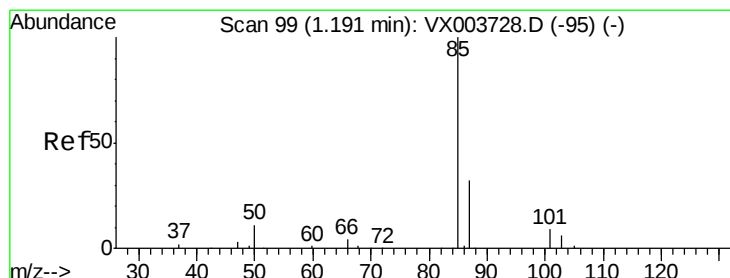
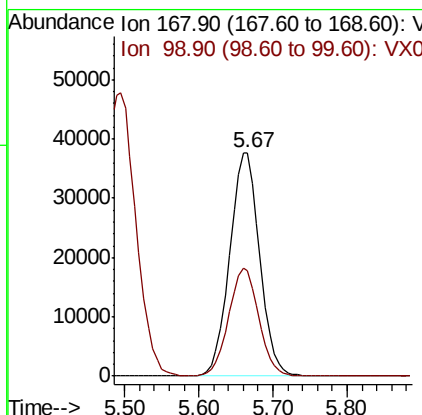
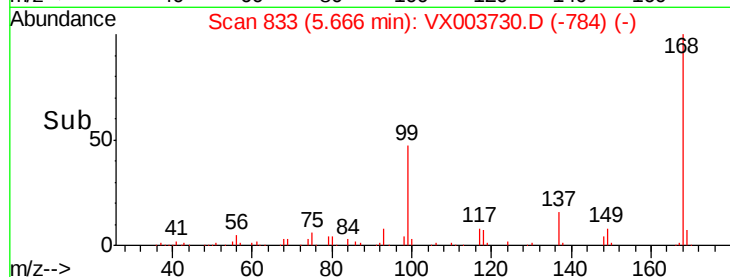
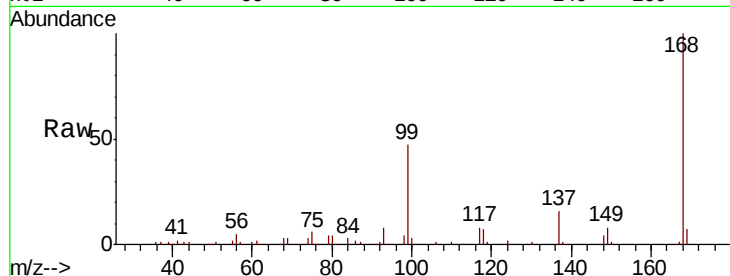
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.67 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

Tot Ion:168 Resp: 106003  
Ion Ratio Lower Upper  
168 100  
99 46.6 40.2 60.2

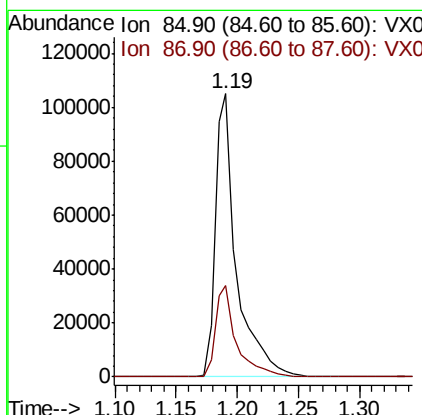
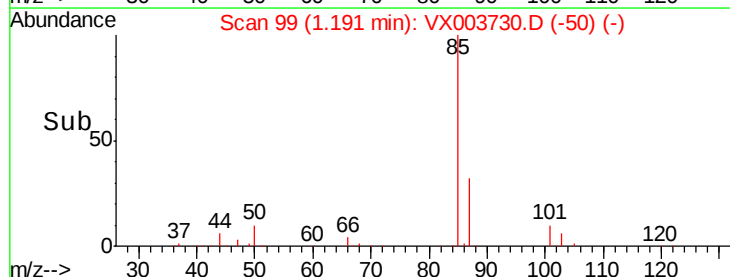
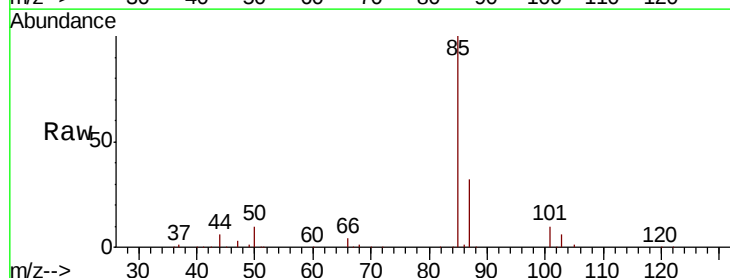
Manual Integrations  
APPROVED

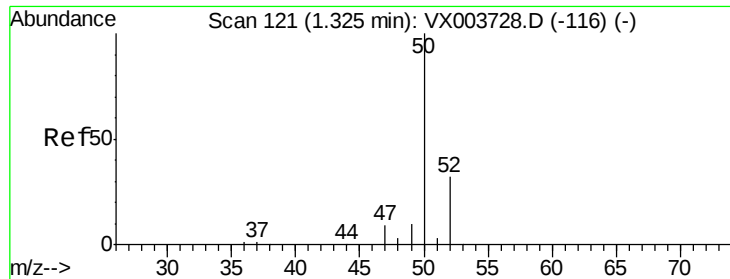
MMDadoda  
8/1/2018 10:40:17 AM



#2  
Dichlorodifluoromethane  
Concen: 141.68 ug/l  
RT: 1.19 min Scan# 99  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Tgt Ion: 85 Resp: 126759  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.1 48.2





#3

Chloromethane

Concen: 145.90 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 164094

Ion Ratio Lower Upper

50 100

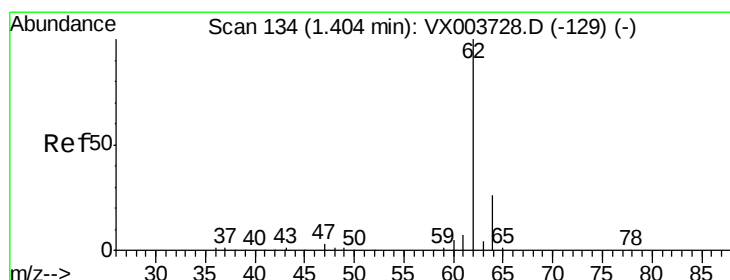
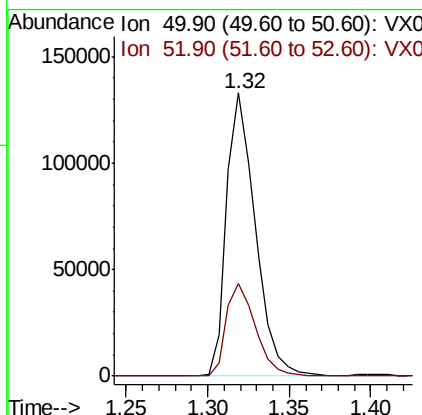
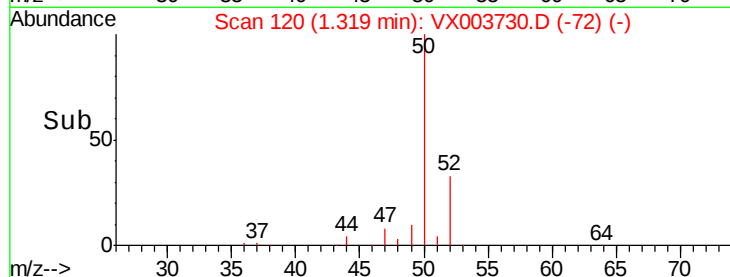
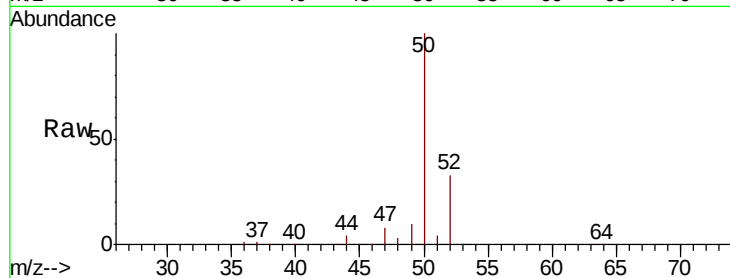
52 32.6 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

8/1/2018 10:40:17 AM



#4

Vinyl Chloride

Concen: 141.34 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003730.D

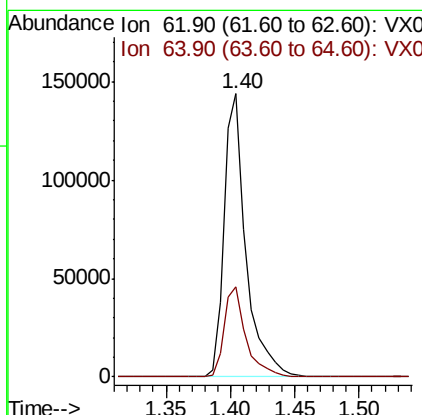
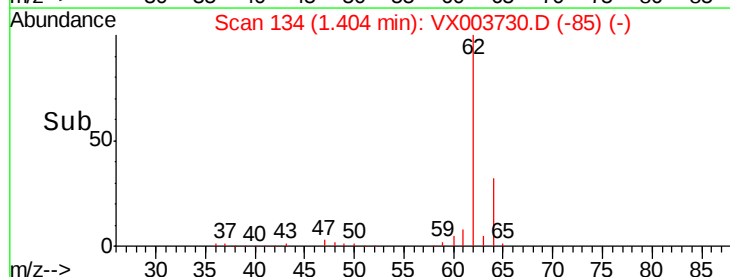
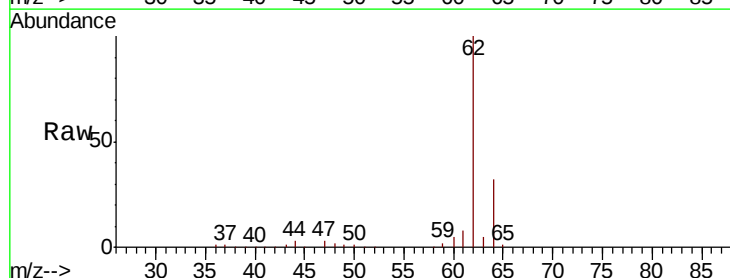
Acq: 30 Jul 2018 18:05

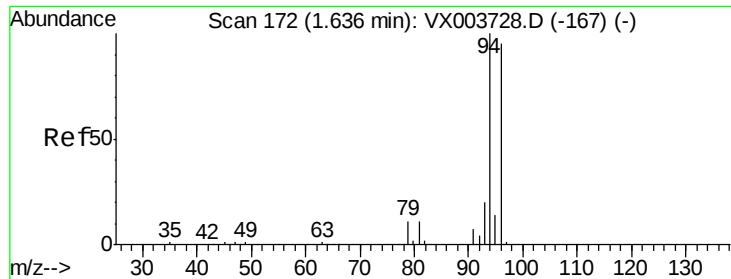
Tgt Ion: 62 Resp: 170988

Ion Ratio Lower Upper

62 100

64 31.9 21.0 31.4#





#5

Bromomethane

Concen: 134.56 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 97993

Ion Ratio Lower Upper

94 100

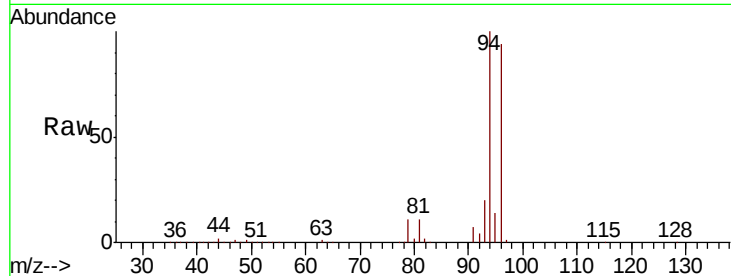
96 94.4 76.0 114.0

Manual Integrations

APPROVED

MMDadoda

8/1/2018 10:40:17 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

120000

100000

80000

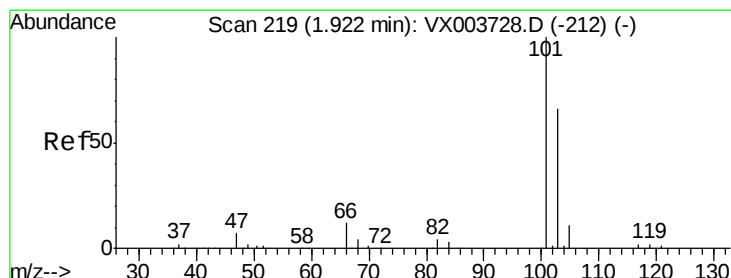
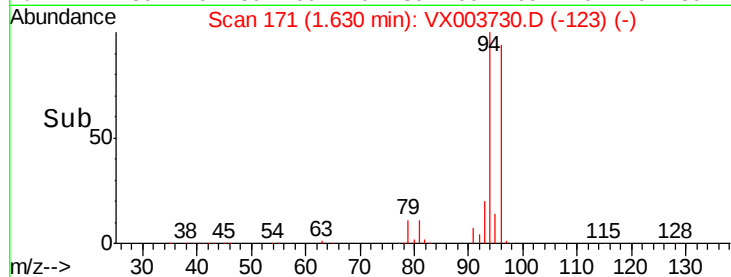
60000

40000

20000

0

Time-->



#7

Trichlorofluoromethane

Concen: 209.72 ug/l

RT: 1.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VX003730.D

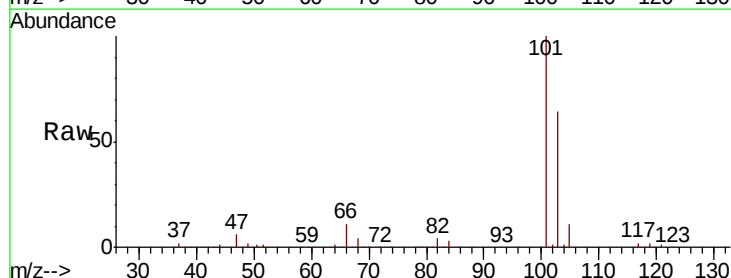
Acq: 30 Jul 2018 18:05

Tgt Ion:101 Resp: 229882

Ion Ratio Lower Upper

101 100

103 63.8 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.91

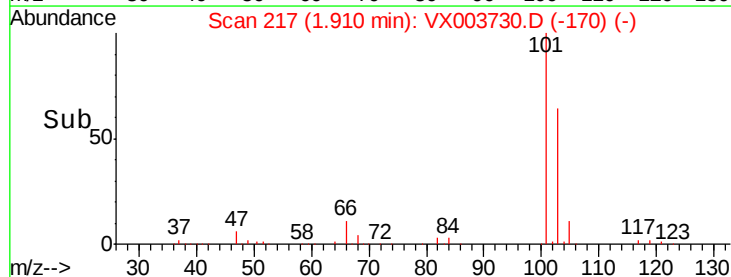
150000

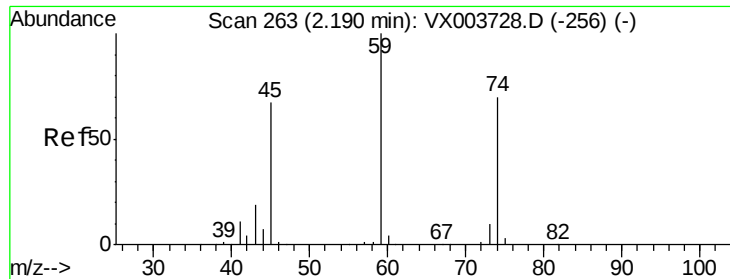
100000

50000

0

Time-->





#8

Diethyl Ether

Concen: 151.52 ug/l

RT: 2.18 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

Tot Ion: 74 Resp: 90842

Ion Ratio Lower Upper

74 100

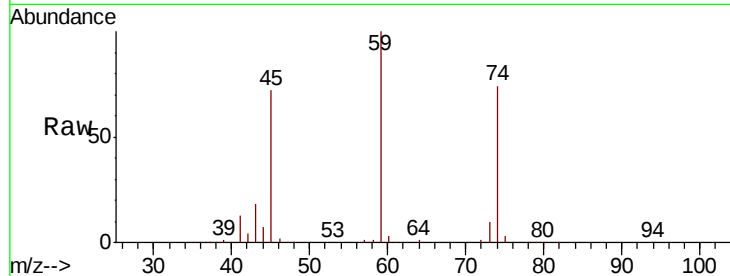
45 98.8 49.5 148.7

Manual Integrations

APPROVED

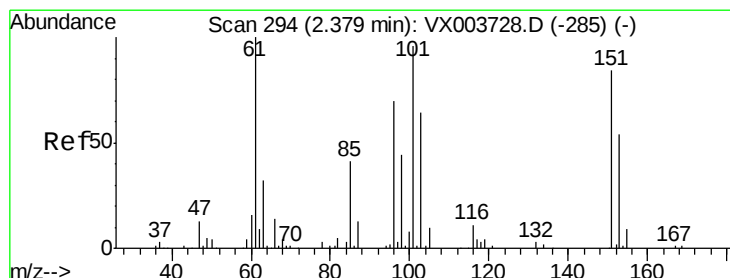
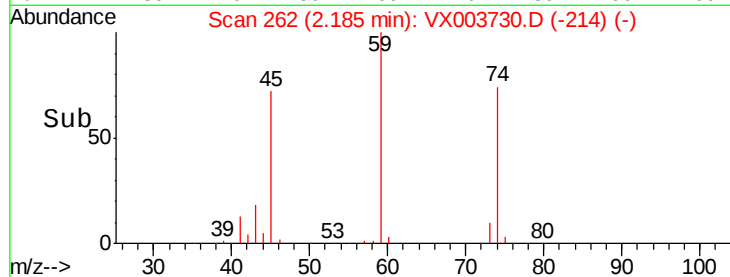
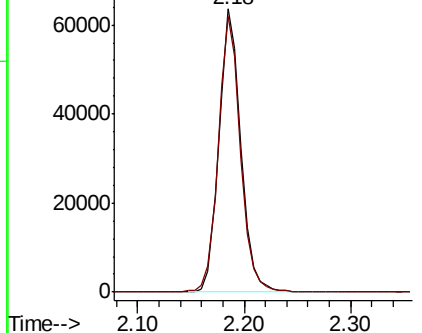
MMDadoda

8/1/2018 10:40:17 AM



Abundance Ion 74.00 (73.70 to 74.70): VX003730.D (-214) (-)

Ion 45.00 (44.70 to 45.70): VX003730.D (-214) (-)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.18 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

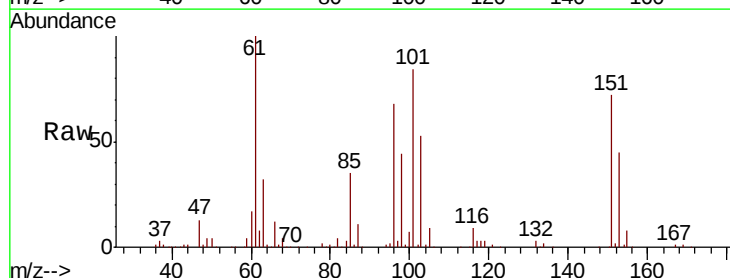
Tgt Ion: 101 Resp: 150122

Ion Ratio Lower Upper

101 100

85 41.3 33.3 49.9

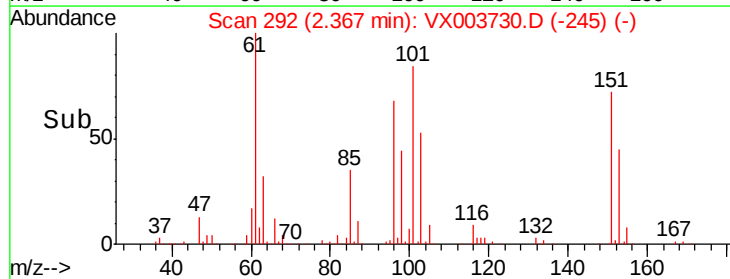
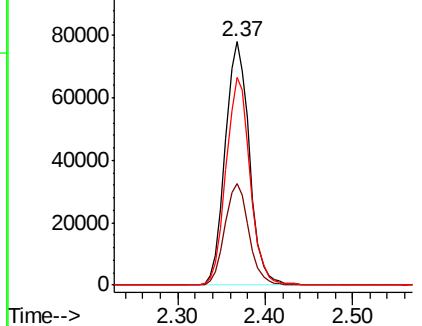
151 84.8 68.8 103.2

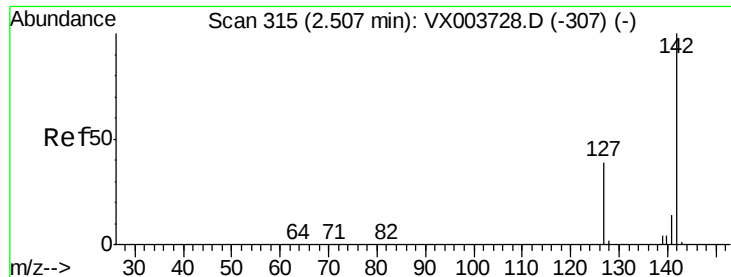


Abundance Ion 100.90 (100.60 to 101.60): VX003730.D (-245) (-)

Ion 84.90 (84.60 to 85.60): VX003730.D (-245) (-)

Ion 150.80 (150.50 to 151.50): VX003730.D (-245) (-)





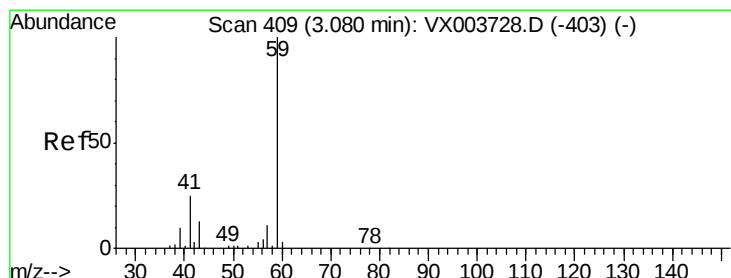
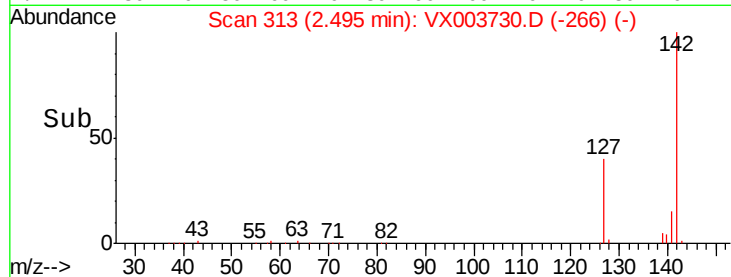
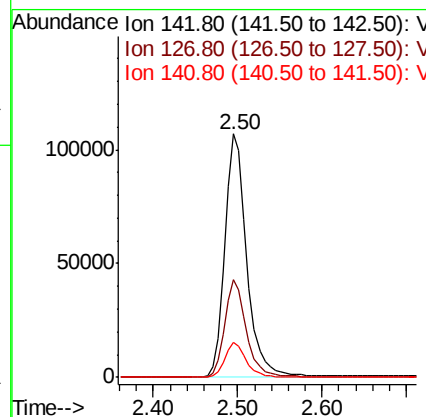
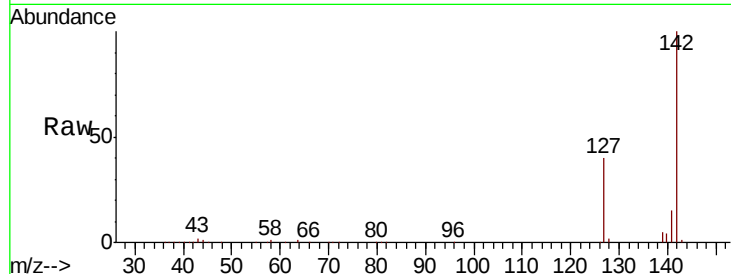
#10  
Methvl Iodide  
Concen: 167.30 ug/l  
RT: 2.50 min Scan# 313  
Delta R.T. -0.01 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 39.4  | 32.0  | 48.0  |
| 141     | 14.2  | 11.3  | 16.9  |

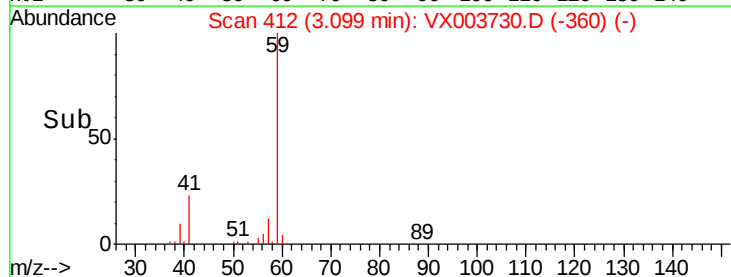
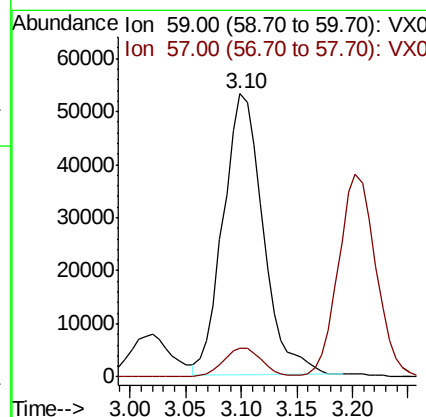
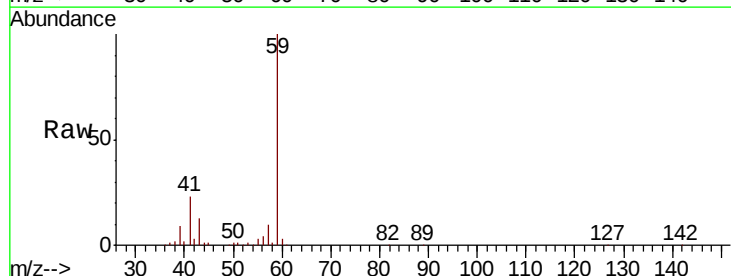
Manual Integrations  
APPROVED

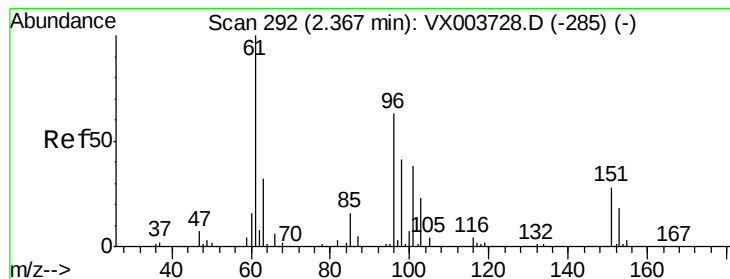
MMDadoda  
8/1/2018 10:40:17 AM



#11  
Tert butyl alcohol  
Concen: 763.89 ug/l  
RT: 3.10 min Scan# 412  
Delta R.T. 0.02 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.0  | 8.1   | 12.1  |





#12

1,1-Dichloroethene

Concen: 135.53 ug/l

RT: 2.36 min Scan# 291

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 138926

Ion Ratio Lower Upper

96 100

61 152.9 127.1 190.7

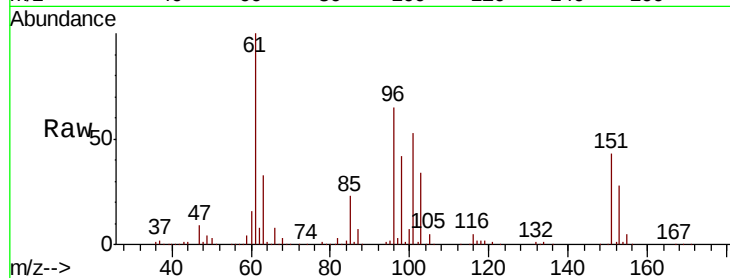
98 64.0 52.0 78.0

Manual Integrations

APPROVED

MMDadoda

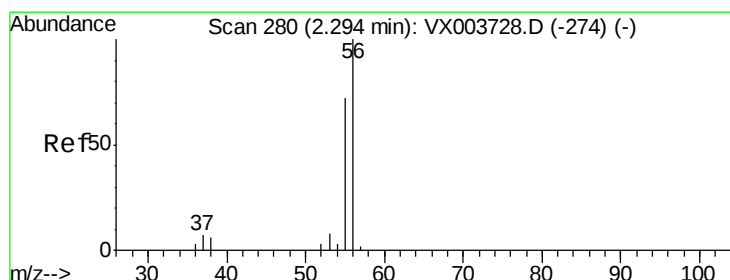
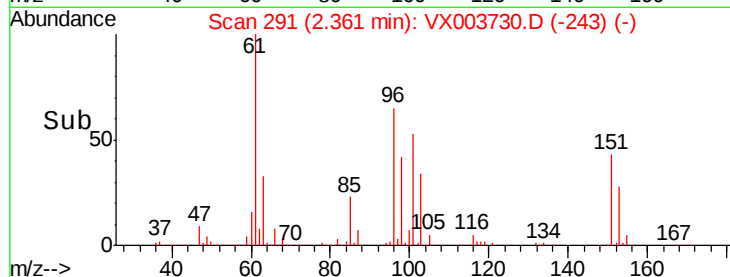
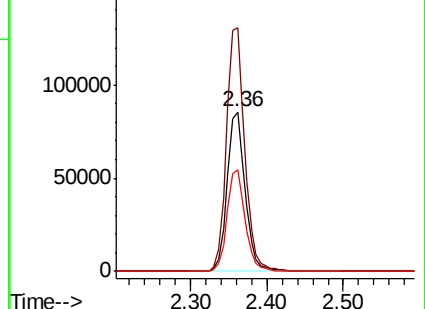
8/1/2018 10:40:17 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: 499.51 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003730.D

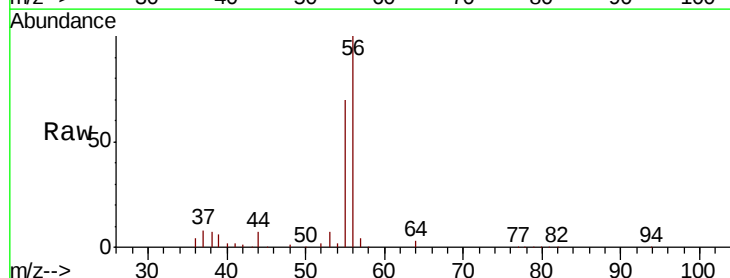
Acq: 30 Jul 2018 18:05

Tgt Ion: 56 Resp: 28370

Ion Ratio Lower Upper

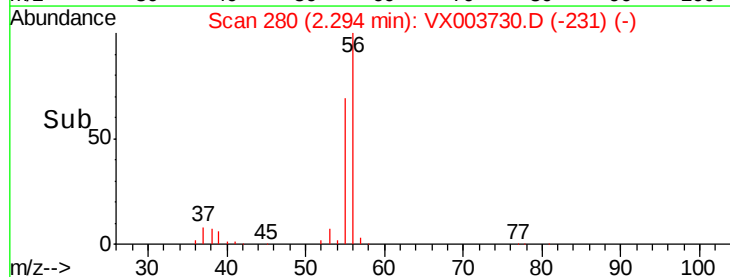
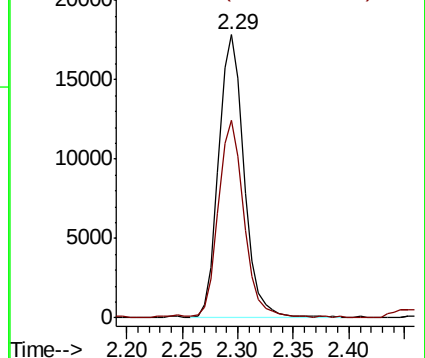
56 100

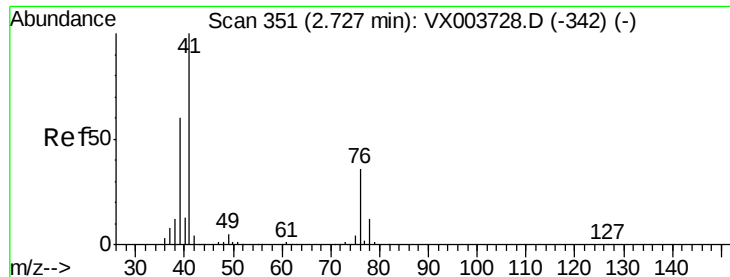
55 68.6 61.4 92.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





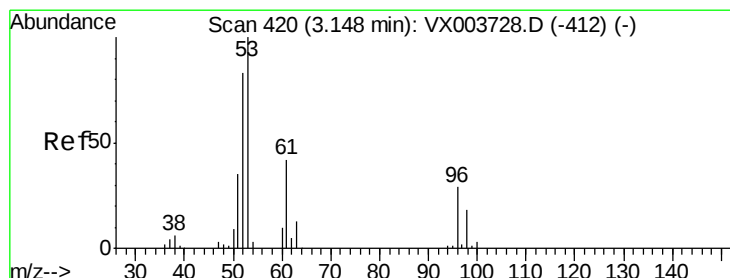
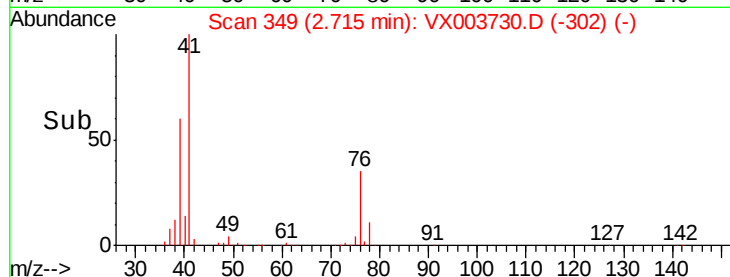
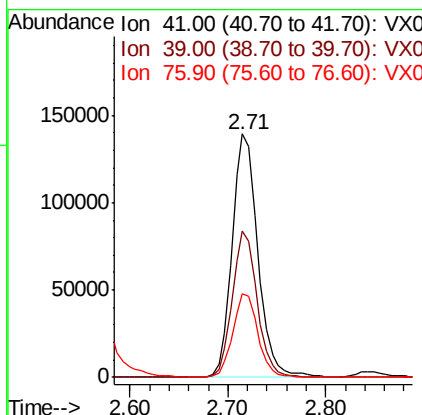
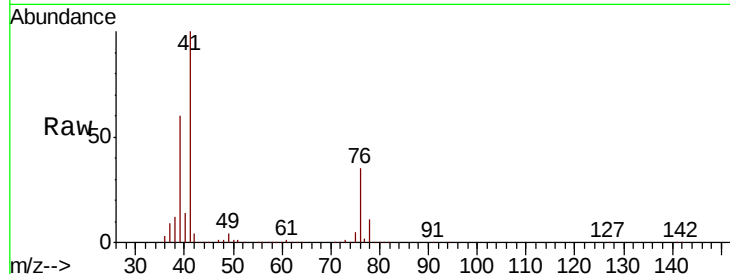
#14  
Allvl chloride  
Concen: 151.20 ug/l  
RT: 2.71 min Scan# 349  
Delta R.T. -0.01 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 58.0  | 47.7  | 71.5  |
| 76      | 33.7  | 27.0  | 40.6  |

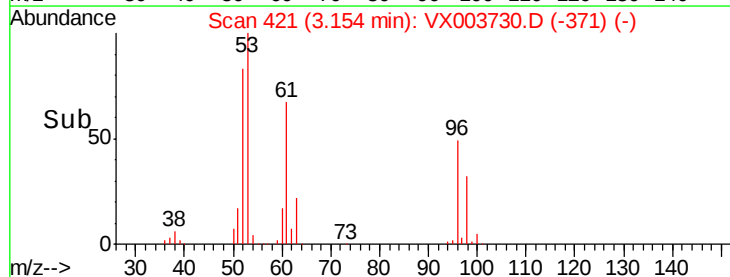
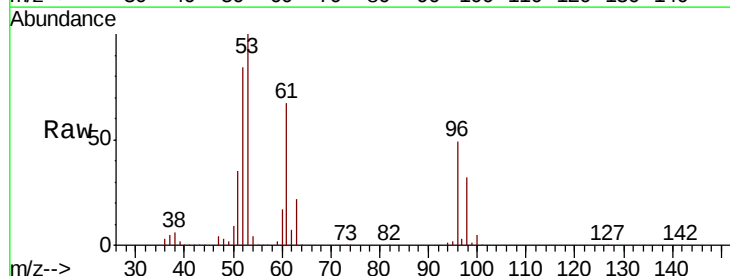
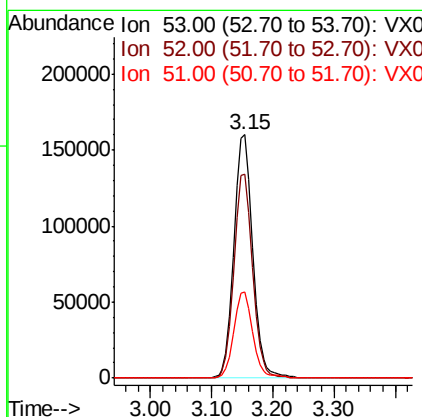
Manual Integrations  
APPROVED

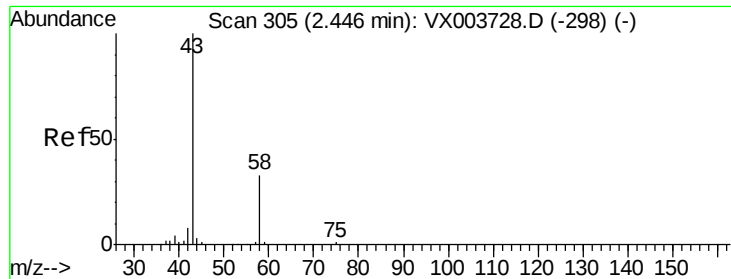
MMDadoda  
8/1/2018 10:40:17 AM



#15  
Acrylonitrile  
Concen: 763.71 ug/l  
RT: 3.15 min Scan# 421  
Delta R.T. 0.01 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.8  | 66.2  | 99.2  |
| 51      | 36.1  | 28.5  | 42.7  |





#16

Acetone

Concen: 748.68 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 306591

Ion Ratio Lower Upper

43 100

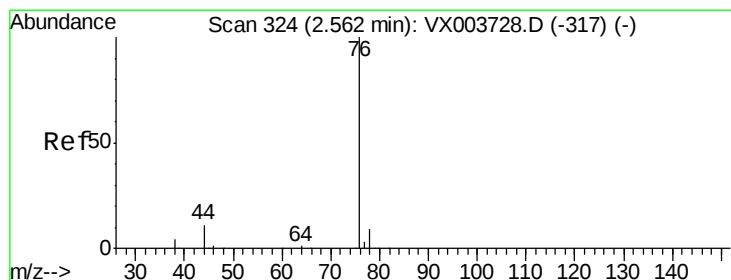
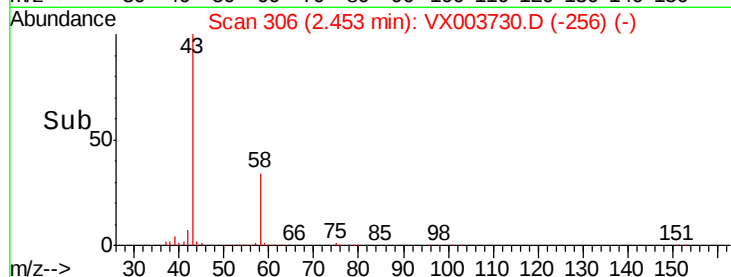
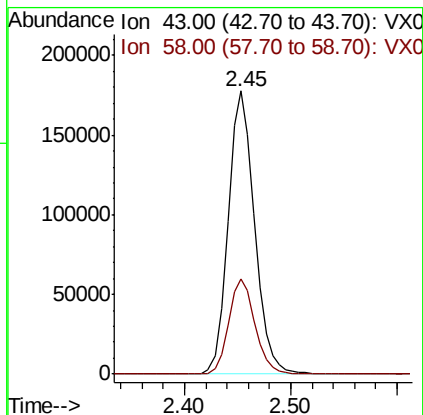
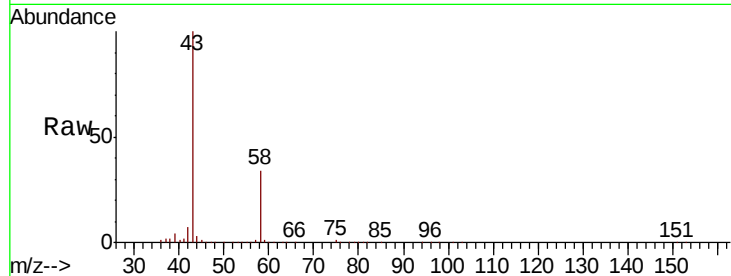
58 33.8 26.7 40.1

Manual Integrations

APPROVED

MMDadoda

8/1/2018 10:40:17 AM



#17

Carbon Disulfide

Concen: 146.44 ug/l

RT: 2.55 min Scan# 322

Delta R.T. -0.01 min

Lab File: VX003730.D

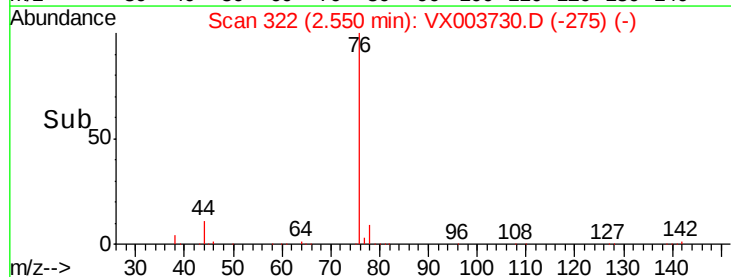
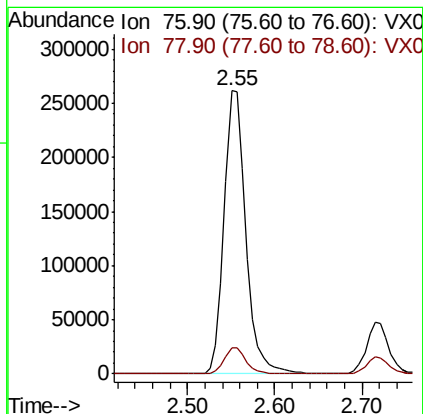
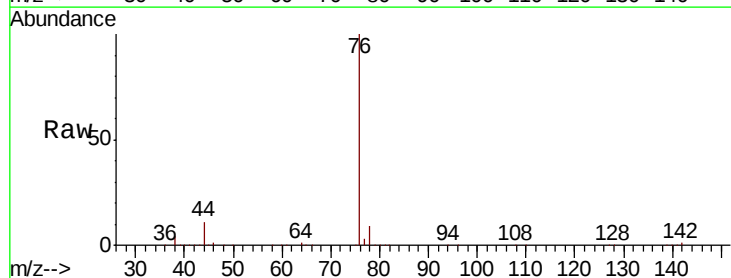
Acq: 30 Jul 2018 18:05

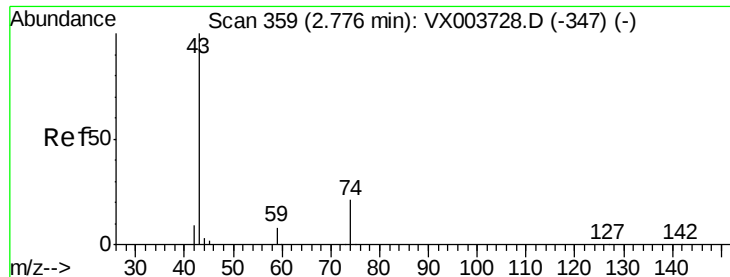
Tgt Ion: 76 Resp: 451428

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#18

Methyl Acetate

Concen: 152.63 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 175640

Ion Ratio Lower Upper

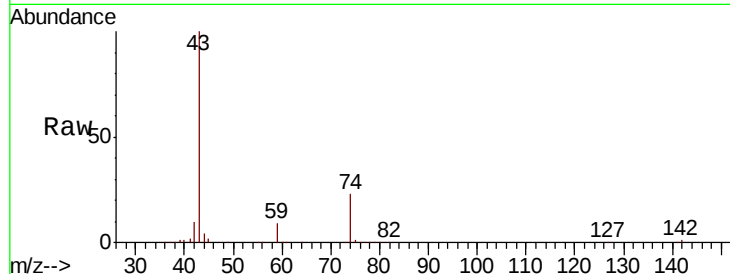
43 100

74 24.4 18.9 28.3

Manual Integrations  
APPROVED

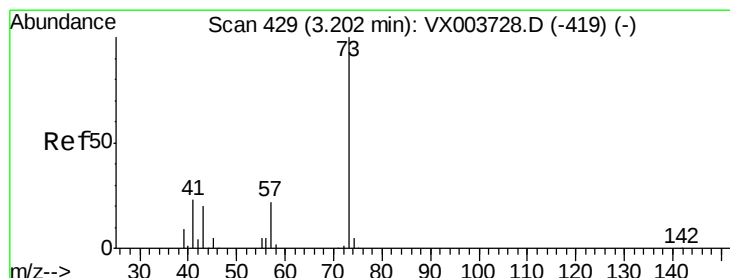
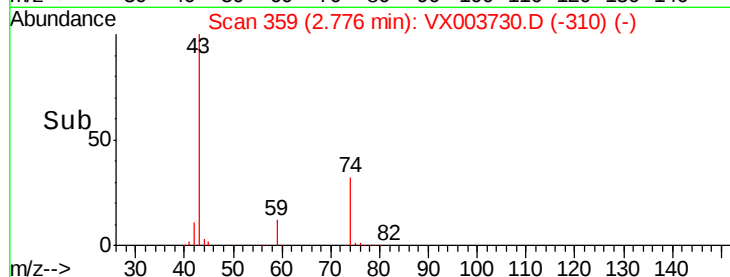
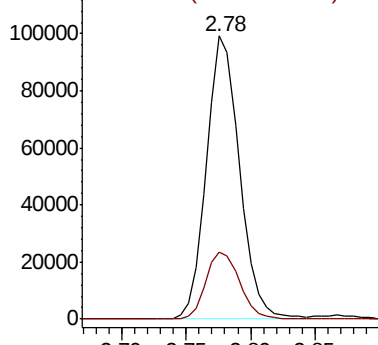
MMDadoda

8/1/2018 10:40:17 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#19

Methyl tert-butyl Ether

Concen: 156.07 ug/l

RT: 3.20 min Scan# 429

Delta R.T. 0.00 min

Lab File: VX003730.D

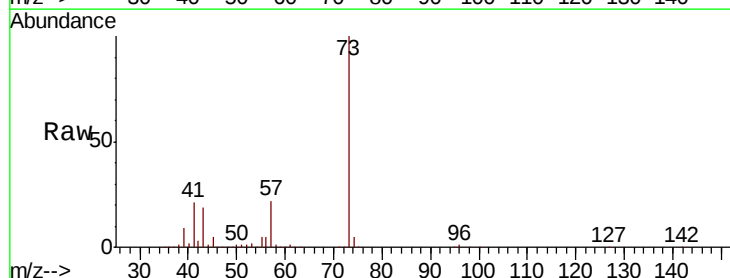
Acq: 30 Jul 2018 18:05

Tgt Ion: 73 Resp: 402497

Ion Ratio Lower Upper

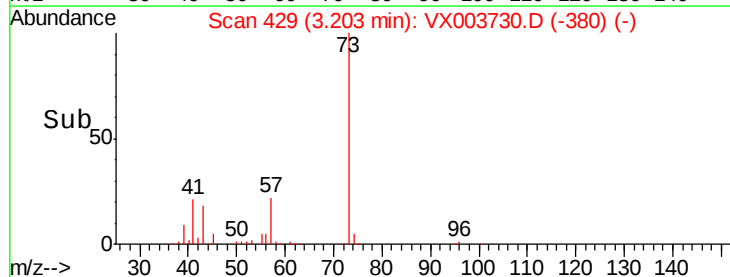
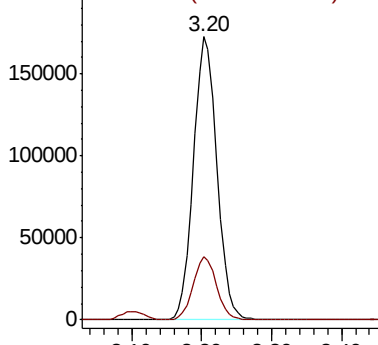
73 100

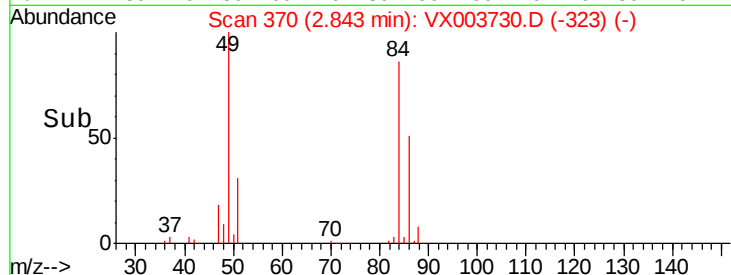
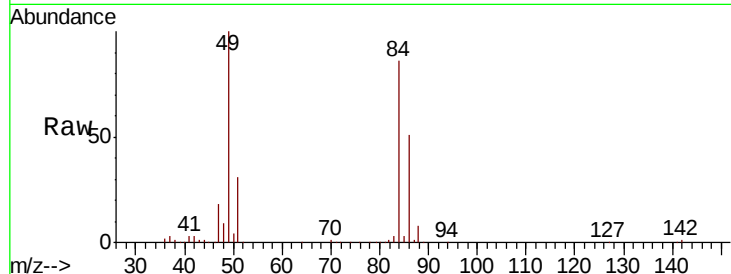
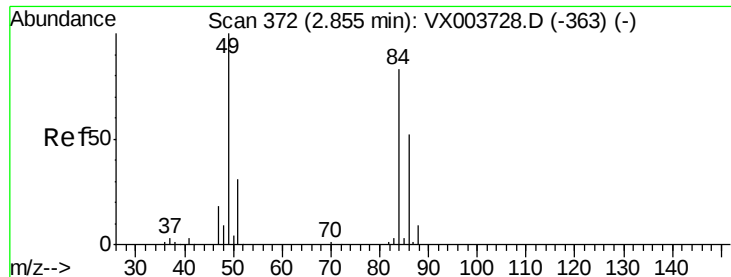
57 22.1 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

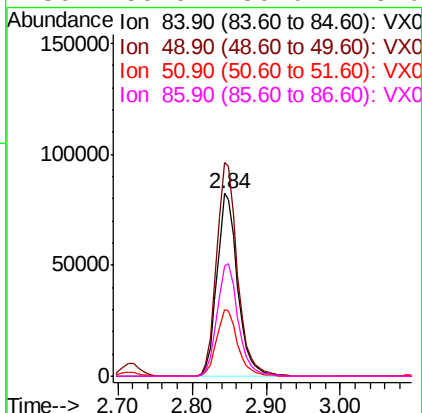
Ion 57.00 (56.70 to 57.70): VX0





#20  
Methvlene Chloride  
Concen: 125.67 ug/l  
RT: 2.84 min Scan# 370  
Delta R.T. -0.01 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

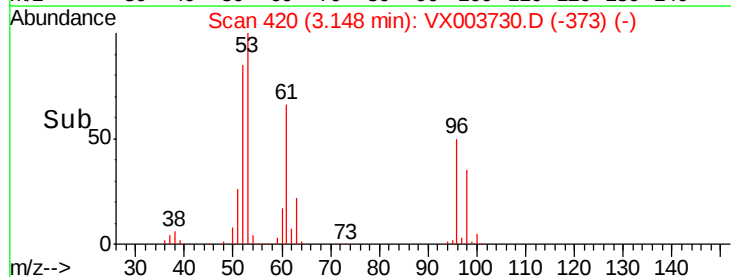
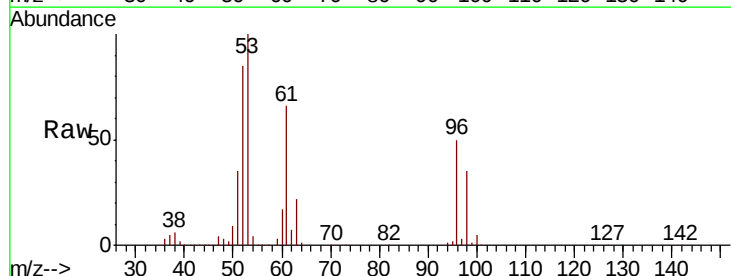
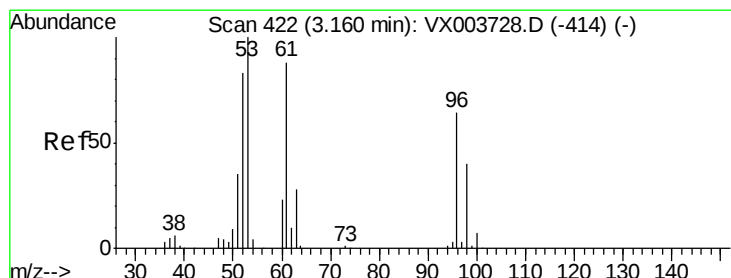
| Tot Ion   | 84    | Resp  | 157779 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 84        | 100   |       |        |
| 49        | 116.7 | 95.8  | 143.8  |
| 51        | 36.2  | 29.6  | 44.4   |
| 86        | 59.9  | 50.0  | 75.0   |



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

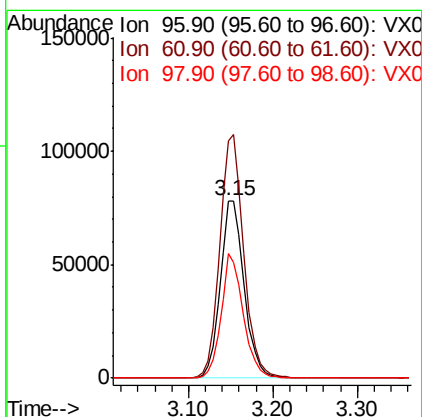
Manual Integrations  
APPROVED

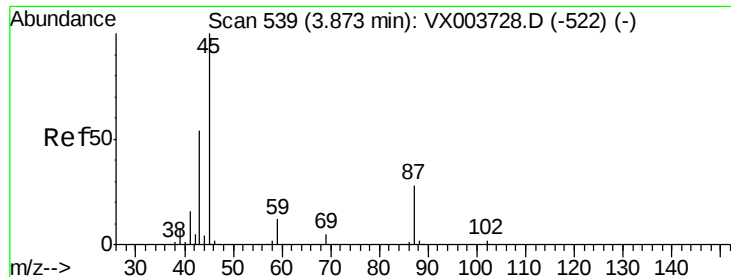
MMDadoda  
8/1/2018 10:40:17 AM



#21  
trans-1,2-Dichloroethene  
Concen: 146.52 ug/l  
RT: 3.15 min Scan# 420  
Delta R.T. -0.01 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

| Tgt Ion   | 96    | Resp  | 152111 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 133.6 | 110.9 | 166.3  |
| 98        | 70.1  | 50.2  | 75.4   |





#22

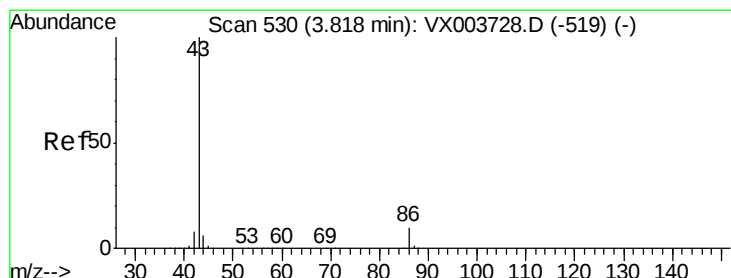
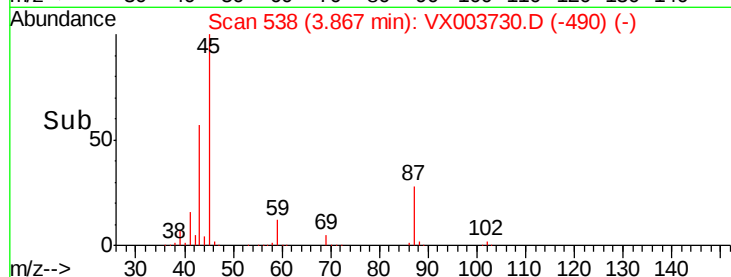
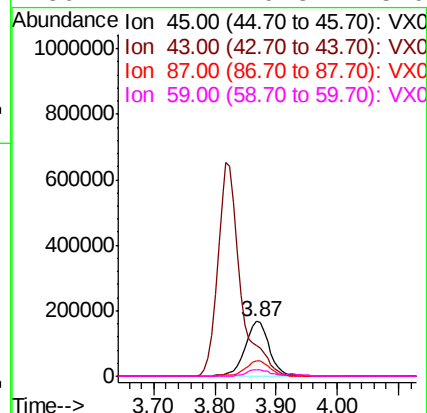
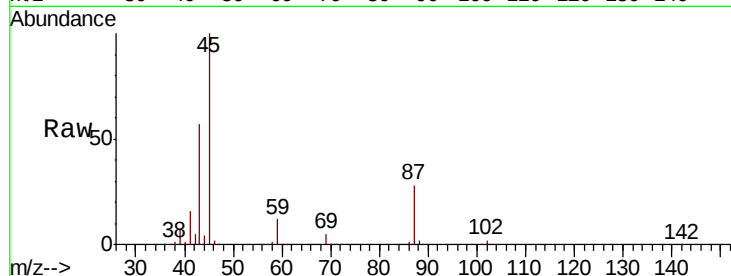
Diisopropyl ether  
Concen: 149.99 ug/l  
RT: 3.87 min Scan# 538  
Delta R.T. -0.01 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 45      | 100  |       |       |       |
| 43      | 56.4 | 43.5  | 65.3  |       |
| 87      | 28.2 | 22.6  | 33.8  |       |
| 59      | 11.7 | 9.3   | 13.9  |       |

Manual Integrations  
APPROVED

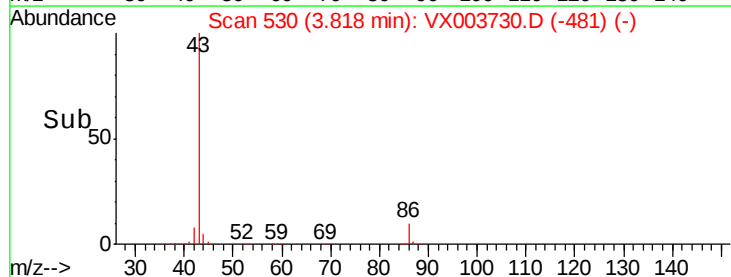
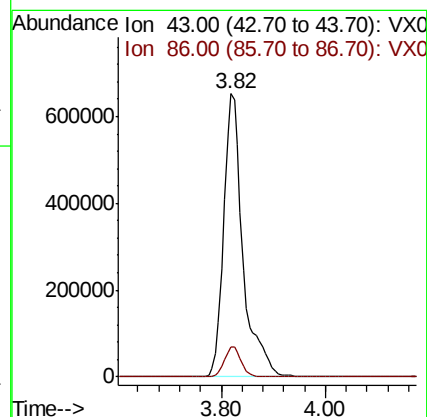
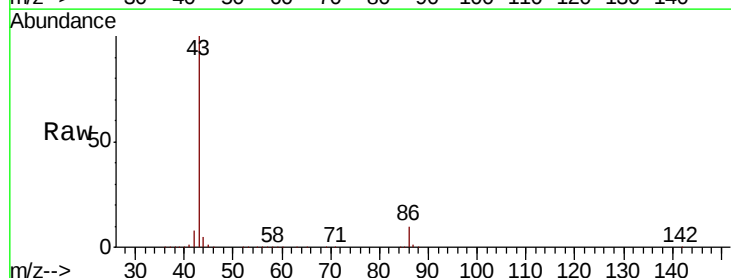
MMDadoda  
8/1/2018 10:40:17 AM

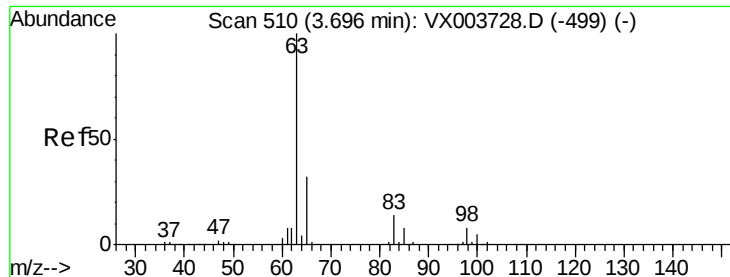


#23

Vinyl Acetate  
Concen: 779.90 ug/l  
RT: 3.82 min Scan# 530  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 43      | 100  |       |       |       |
| 86      | 10.4 | 8.2   | 12.2  |       |





#24

1,1-Dichloroethane

Concen: 148.69 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

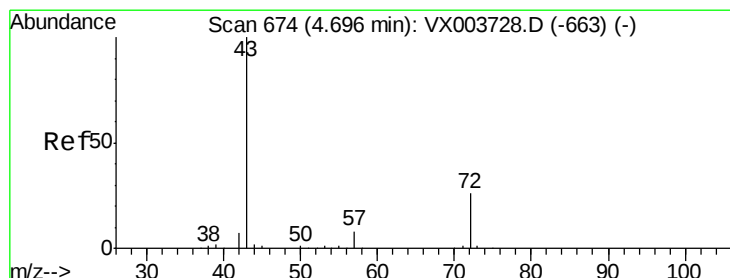
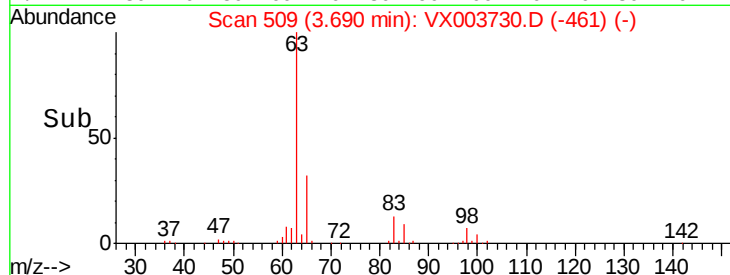
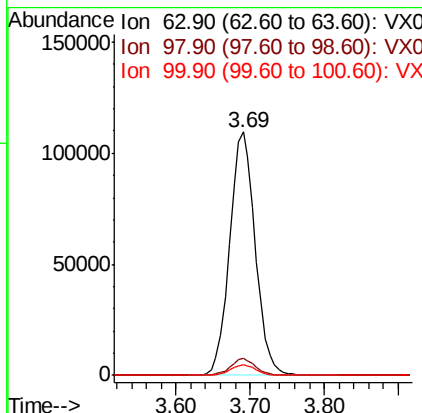
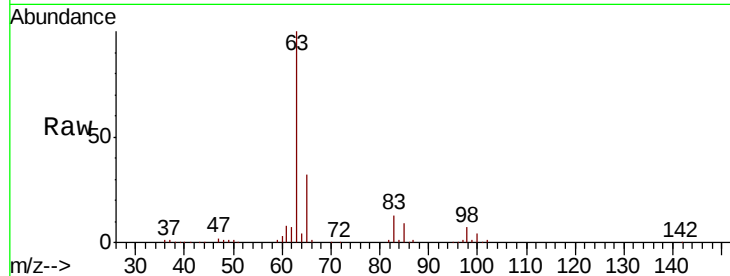
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 63    | Resp: | 262904 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 98        | 7.0   | 4.0   | 12.0   |
| 100       | 4.4   | 2.4   | 7.2    |

Manual Integrations  
APPROVED

MMDadoda  
8/1/2018 10:40:17 AM



#25

2-Butanone

Concen: 789.59 ug/l

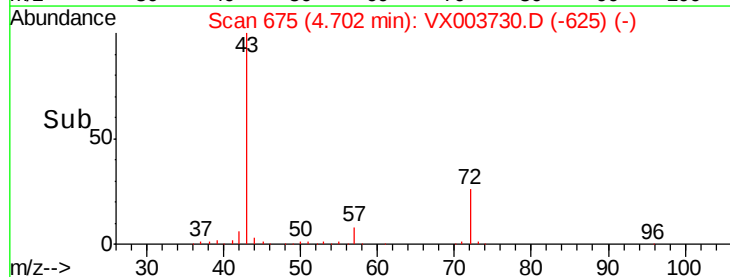
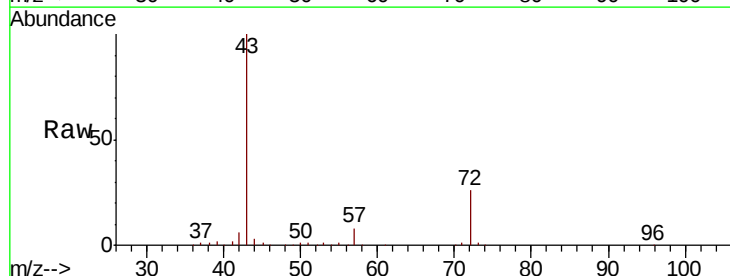
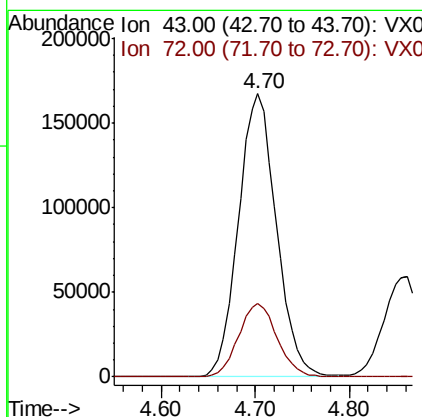
RT: 4.70 min Scan# 675

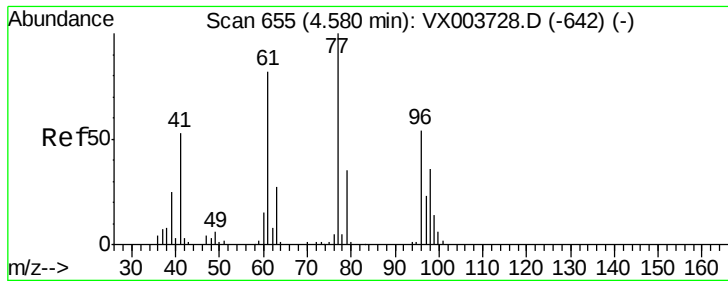
Delta R.T. 0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 471358 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 72        | 25.8  | 20.9  | 31.3   |





#26

2,2-Dichloropropane

Concen: 150.26 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Tot Ion: 77 Resp: 209252

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6

Instrument :

MSVOA\_X

ClientSampleId :

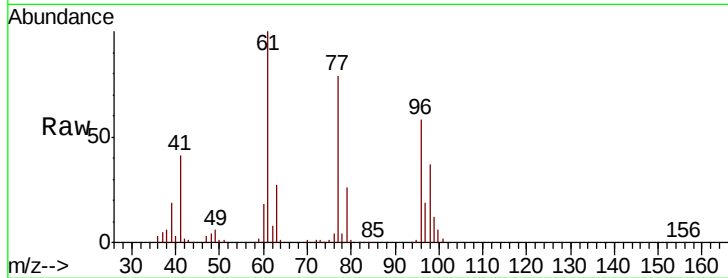
VSTDIC150

Manual Integrations

APPROVED

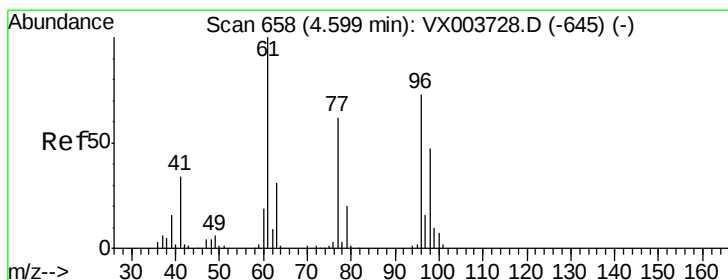
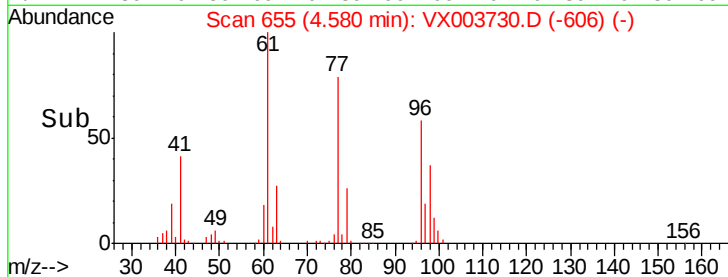
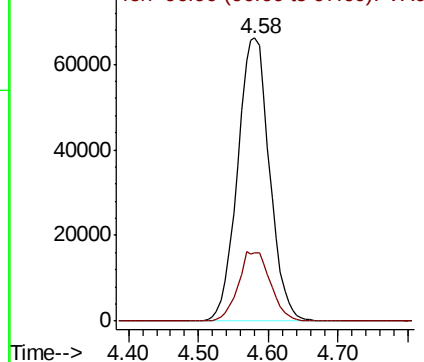
MMDadoda

8/1/2018 10:40:17 AM



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 150.34 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

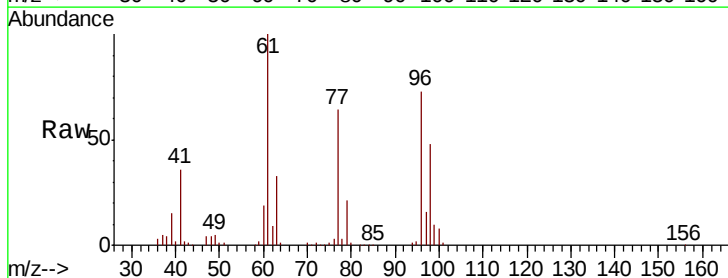
Tgt Ion: 96 Resp: 168202

Ion Ratio Lower Upper

96 100

61 147.7 0.0 285.6

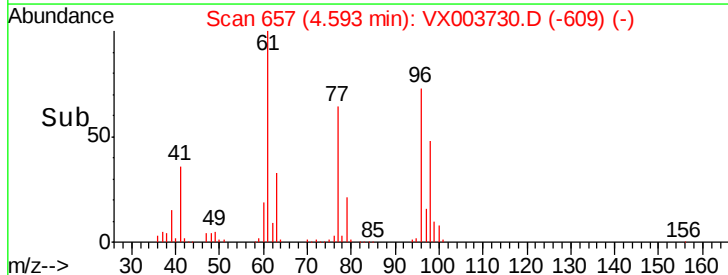
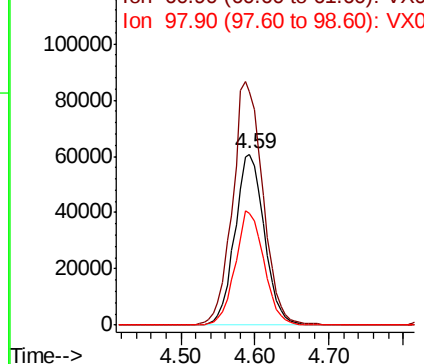
98 65.2 0.0 131.0

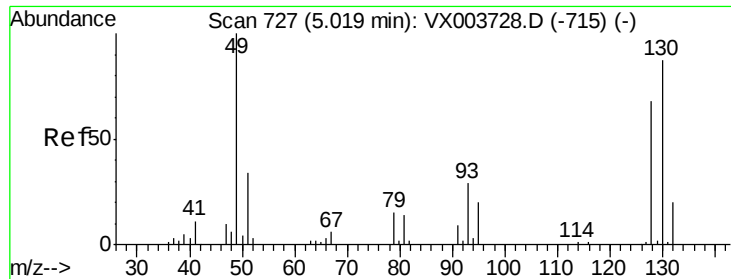


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





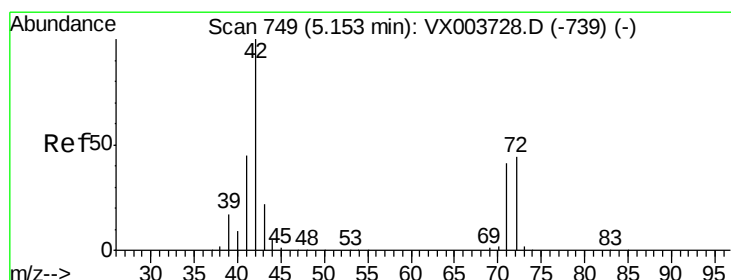
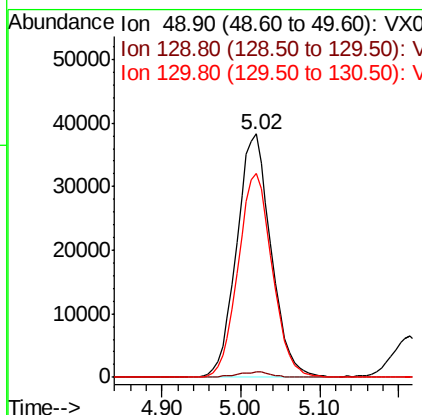
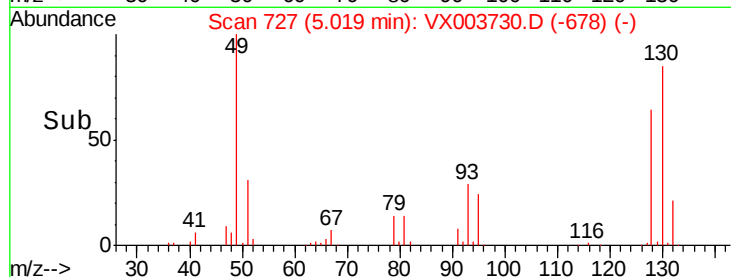
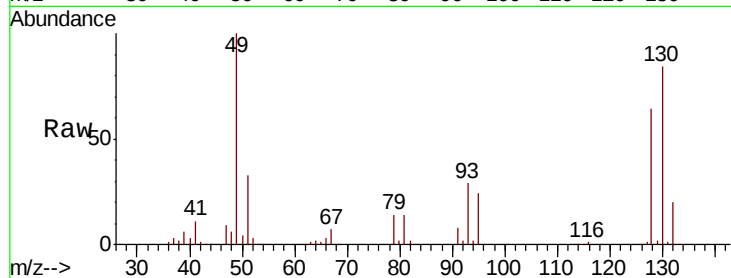
#28  
 Bromochloromethane  
 Concen: 146.31 ug/l  
 RT: 5.02 min Scan# 727  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 4.0   |
| 130     | 83.2  | 68.9  | 103.3 |

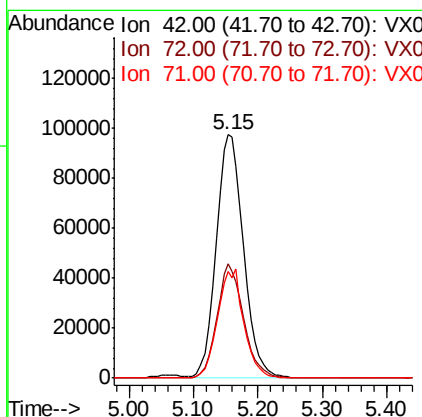
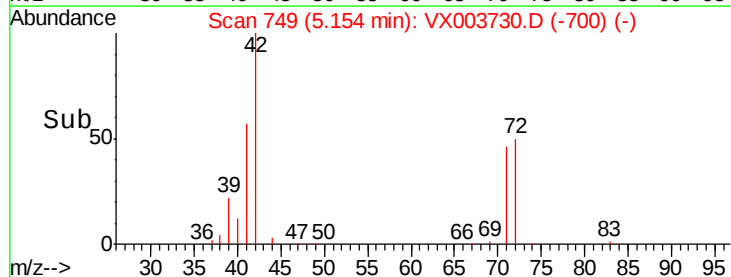
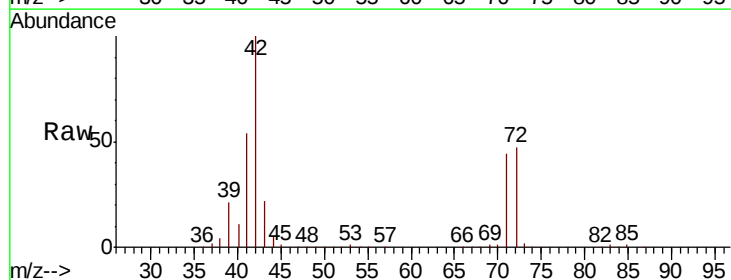
Manual Integrations  
 APPROVED

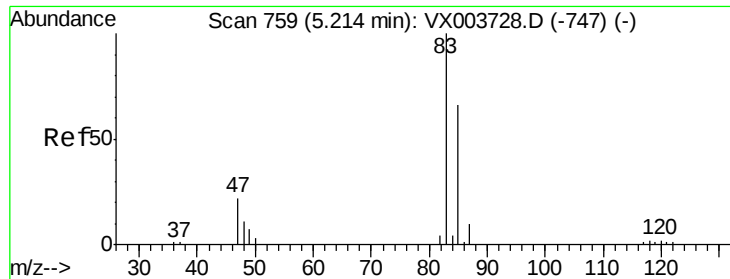
MMDadoda  
 8/1/2018 10:40:17 AM



#29  
 Tetrahydrofuran  
 Concen: 764.82 ug/l  
 RT: 5.15 min Scan# 749  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.6  | 35.6  | 53.4  |
| 71      | 43.1  | 33.4  | 50.0  |





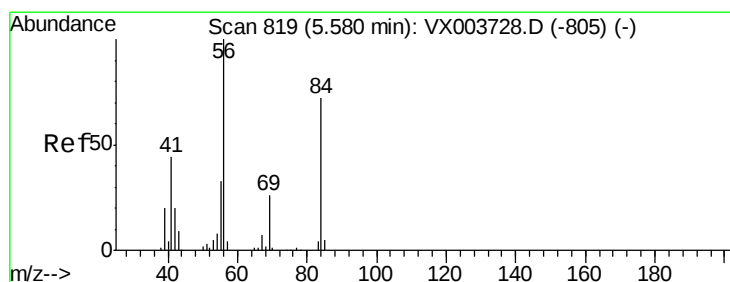
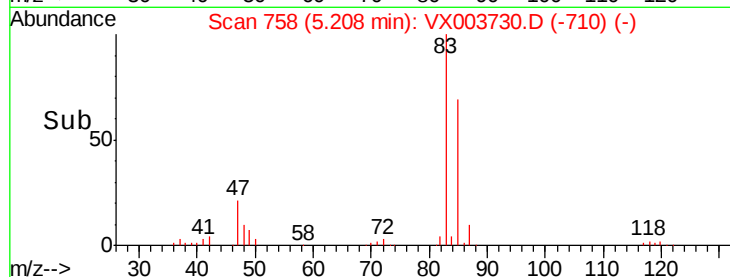
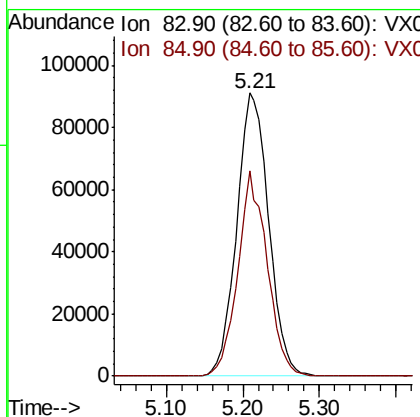
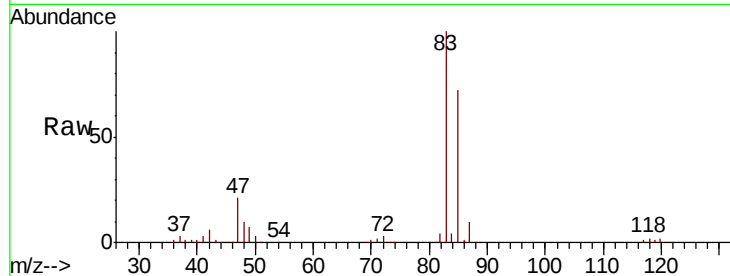
#30  
Chloroform  
Concen: 151.44 ug/l  
RT: 5.21 min Scan# 758  
Delta R.T. -0.01 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

| Tot Ion   | 83   | Resp  | 263855 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 72.5 | 52.8  | 79.2   |

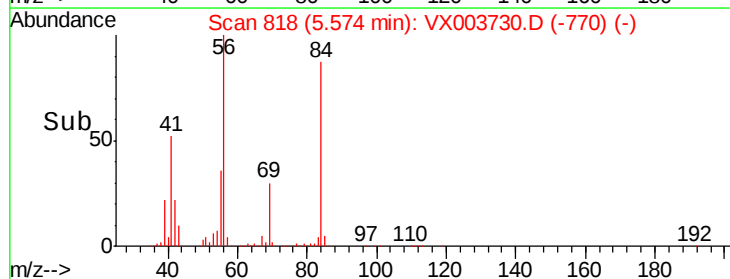
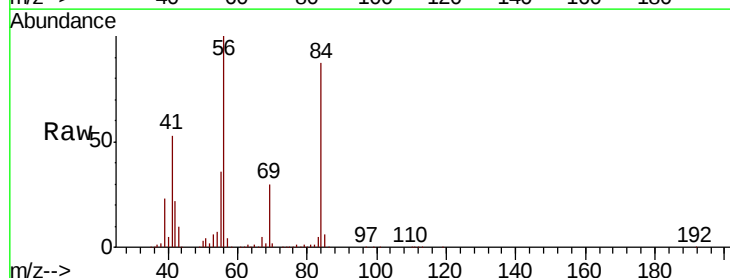
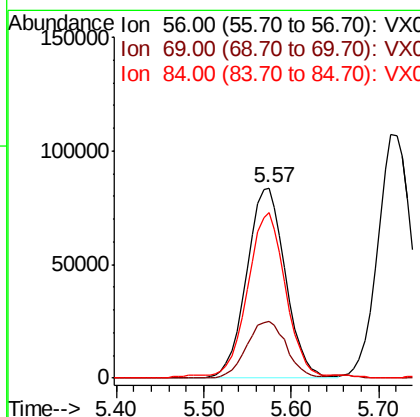
Manual Integrations  
APPROVED

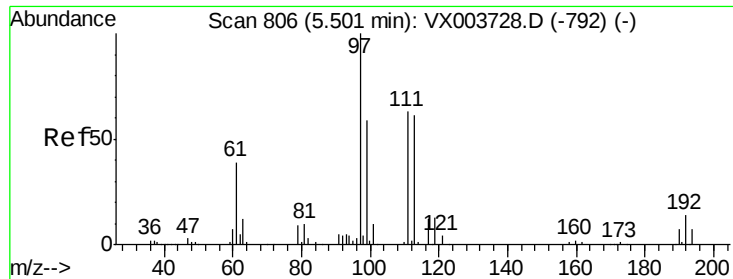
MMDadoda  
8/1/2018 10:40:17 AM



#31  
Cyclohexane  
Concen: 151.01 ug/l  
RT: 5.57 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

| Tgt Ion   | 56   | Resp  | 257922 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 56        | 100  |       |        |
| 69        | 29.6 | 20.6  | 30.8   |
| 84        | 85.6 | 57.9  | 86.9   |





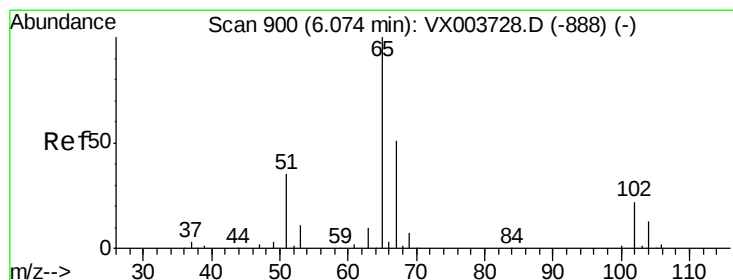
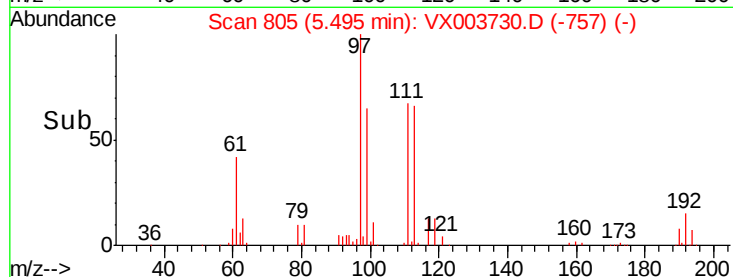
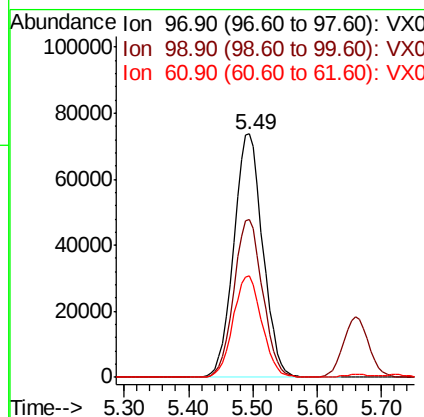
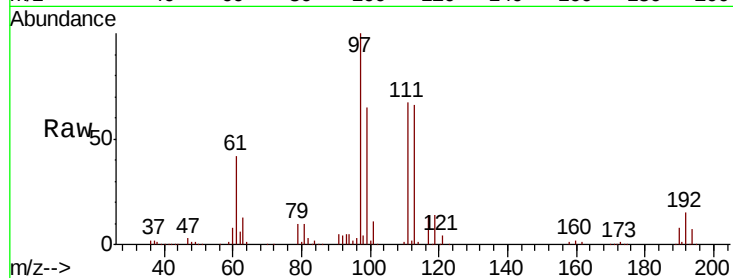
#32  
 1,1,1-Trichloroethane  
 Concen: 153.93 ug/l  
 RT: 5.49 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.4  | 51.4  | 77.2  |
| 61      | 41.5  | 33.4  | 50.2  |

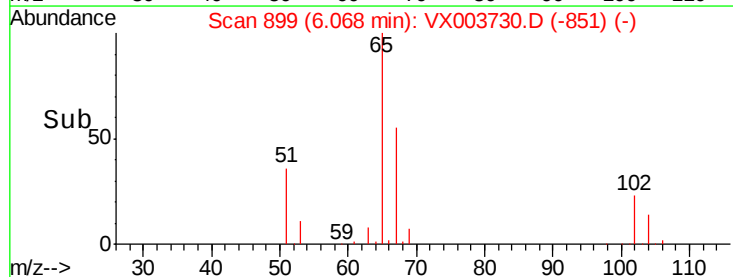
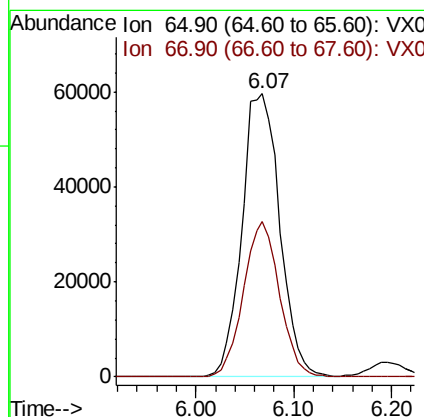
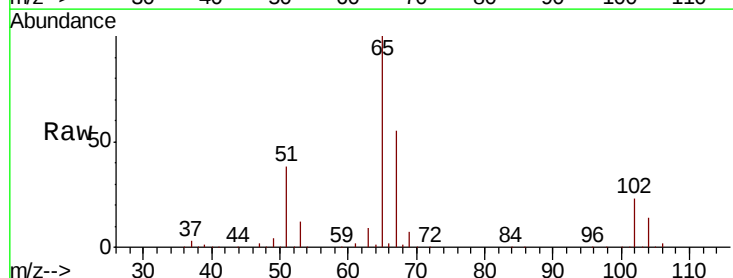
Manual Integrations  
 APPROVED

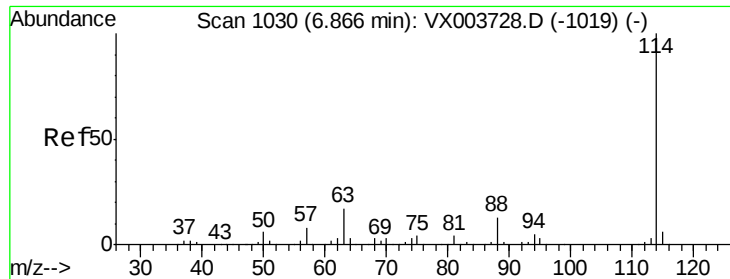
MMDadoda  
 8/1/2018 10:40:17 AM



#33  
 1,2-Dichloroethane-d4  
 Concen: 149.12 ug/l  
 RT: 6.07 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.5  | 0.0   | 107.0 |





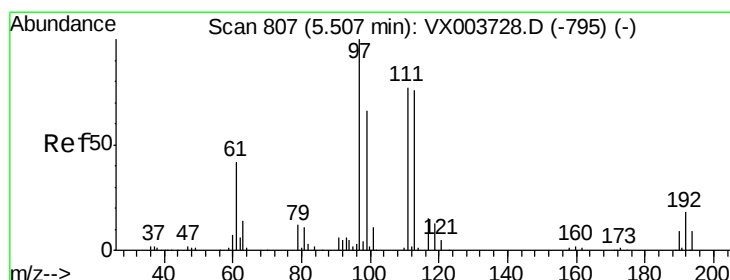
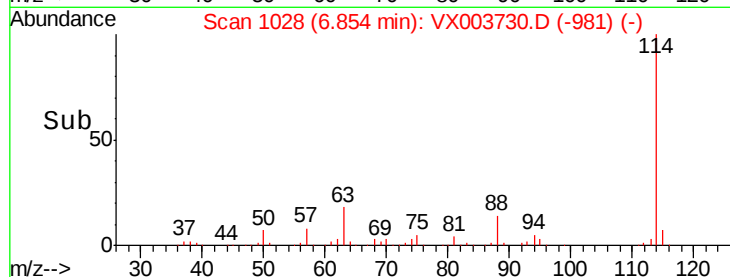
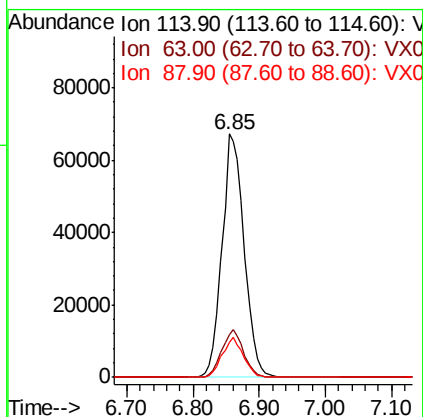
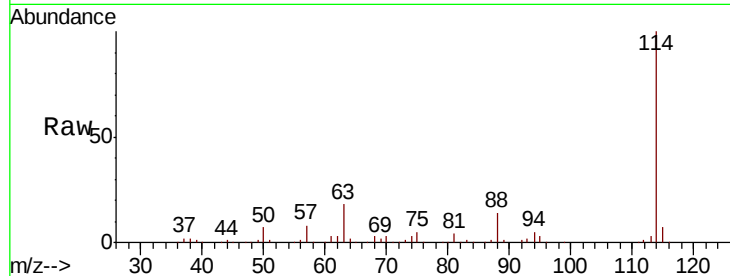
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.85 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 155745 |       |       |
| 63      | 17.5  | 0.0    | 34.0  |       |
| 88      | 14.4  | 0.0    | 26.4  |       |

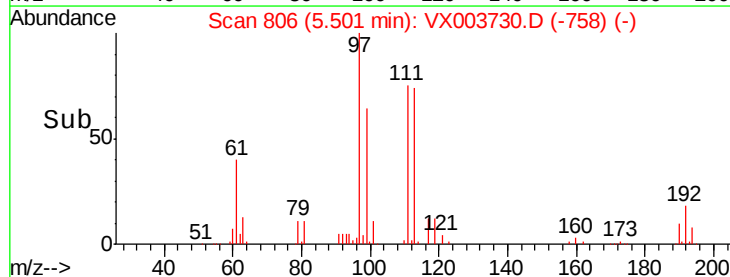
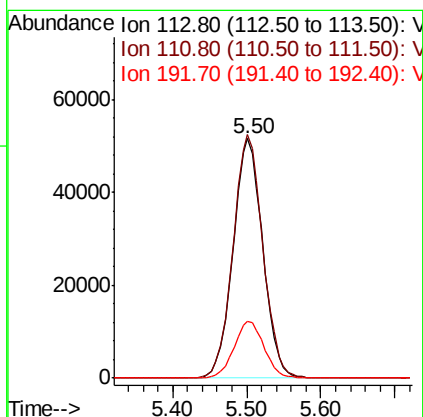
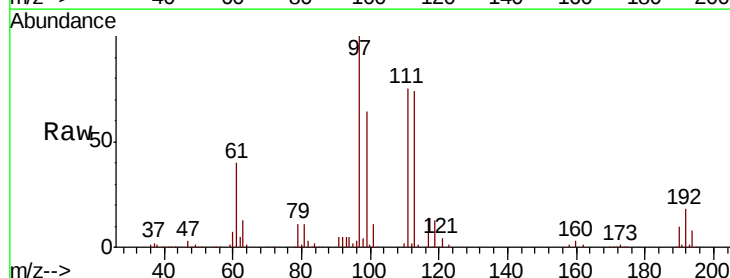
Manual Integrations  
APPROVED

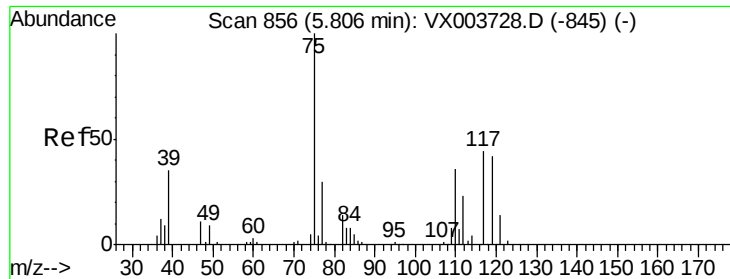
MMDadoda  
8/1/2018 10:40:17 AM



#35  
Dibromofluoromethane  
Concen: 156.96 ug/l  
RT: 5.50 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 143940 |       |       |
| 111     | 102.1 | 81.8   | 122.6 |       |
| 192     | 24.0  | 18.8   | 28.2  |       |





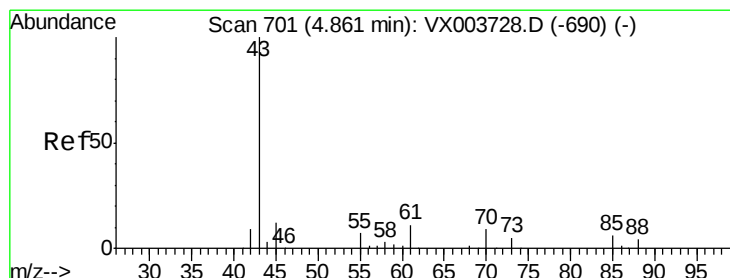
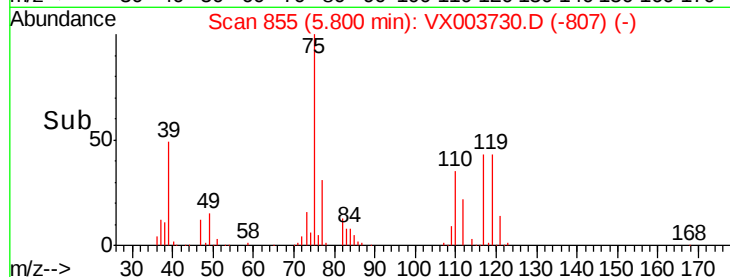
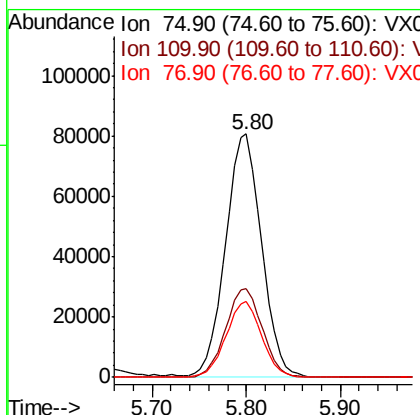
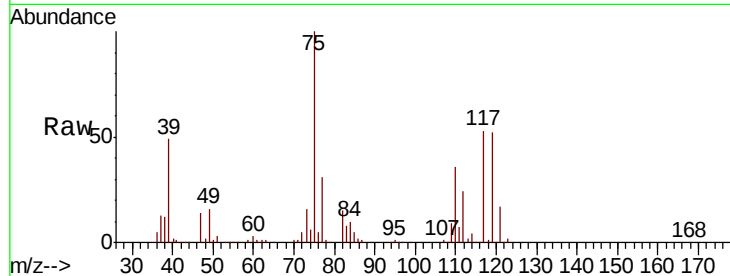
#36  
 1,1-Dichloropropene  
 Concen: 147.09 ug/l  
 RT: 5.80 min Scan# 855  
 Delta R.T. -0.01 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.0  | 18.3  | 54.8  |
| 77      | 30.9  | 25.1  | 37.7  |

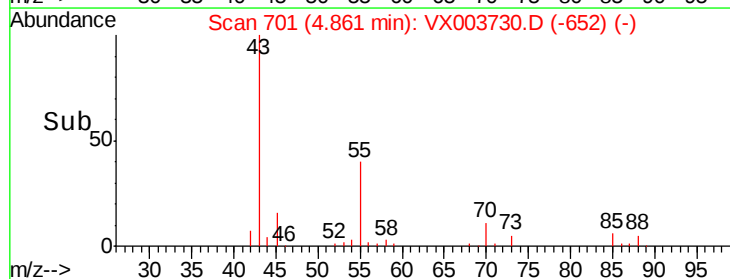
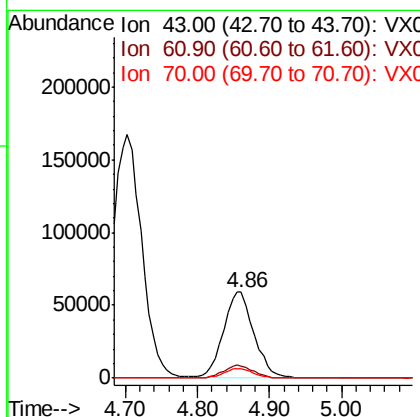
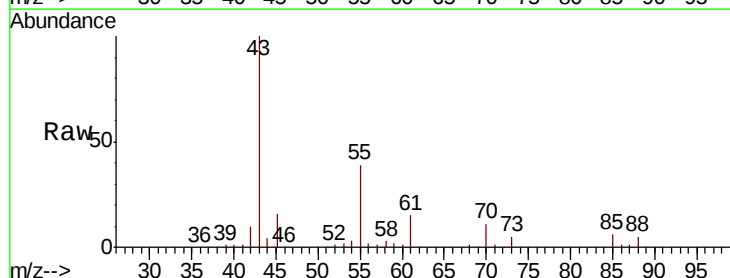
Manual Integrations  
 APPROVED

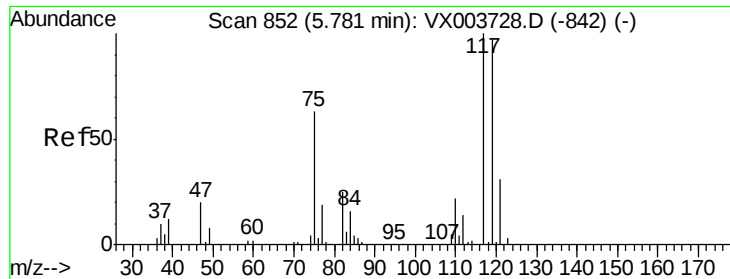
MMDadoda  
 8/1/2018 10:40:17 AM



#37  
 Ethyl Acetate  
 Concen: 154.71 ug/l  
 RT: 4.86 min Scan# 701  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.8  | 11.4  | 17.0  |
| 70      | 10.9  | 8.2   | 12.2  |





#38

Carbon Tetrachloride

Concen: 156.90 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

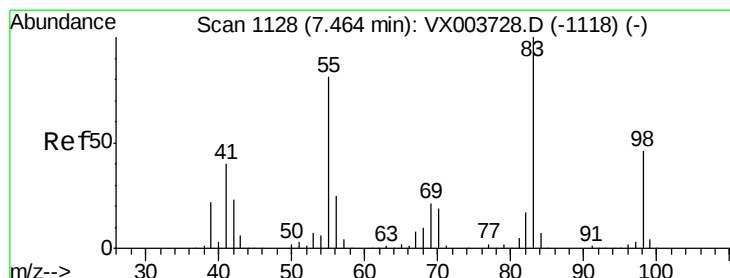
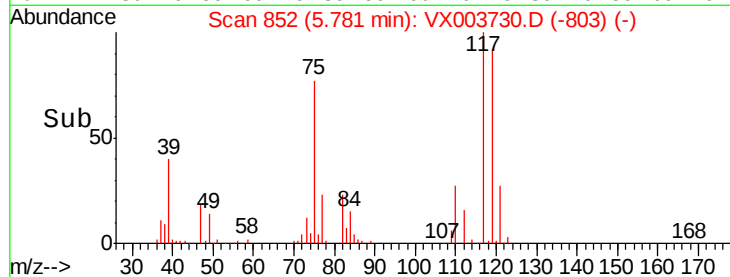
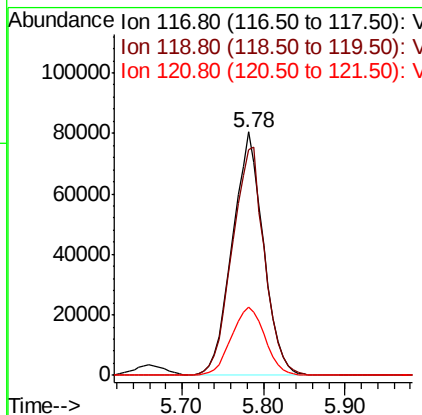
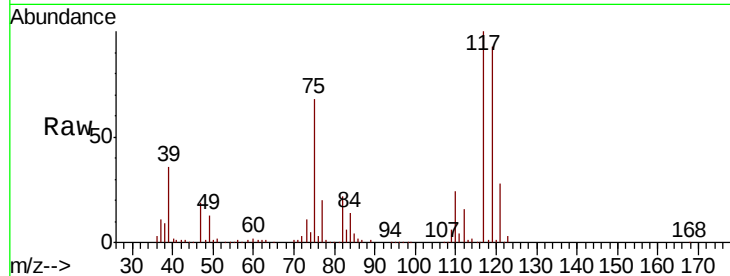
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 117   | Resp: | 211678 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 92.9  | 77.2  | 115.8  |
| 121       | 27.9  | 25.0  | 37.4   |

Manual Integrations  
APPROVED

MMDadoda  
8/1/2018 10:40:17 AM



#39

Methylcyclohexane

Concen: 155.70 ug/l

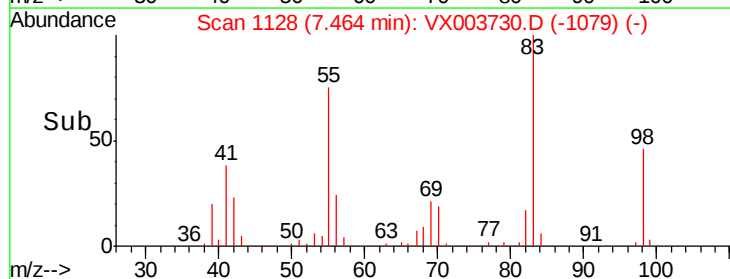
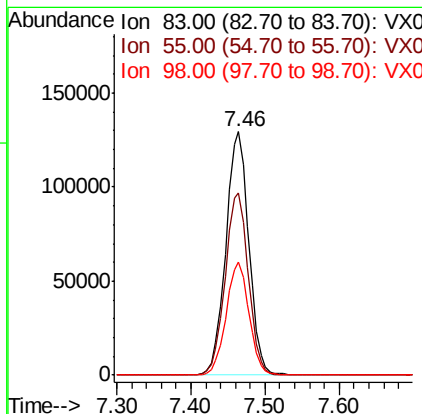
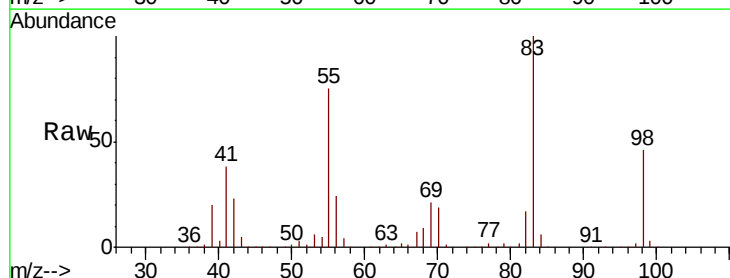
RT: 7.46 min Scan# 1128

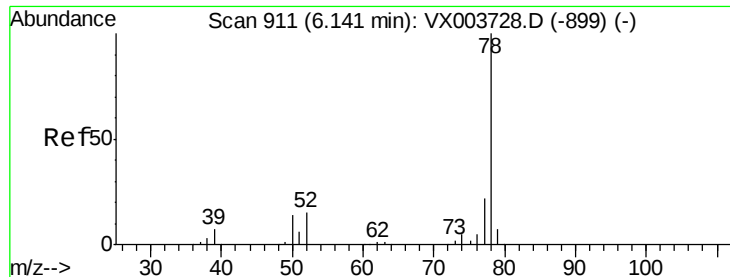
Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 278813 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 74.9  | 65.0  | 97.6   |
| 98        | 46.3  | 37.1  | 55.7   |





#40

Benzene

Concen: 148.73 ug/l

RT: 6.14 min Scan# 911

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC150

Tot Ion: 78 Resp: 621636

Ion Ratio Lower Upper

78 100

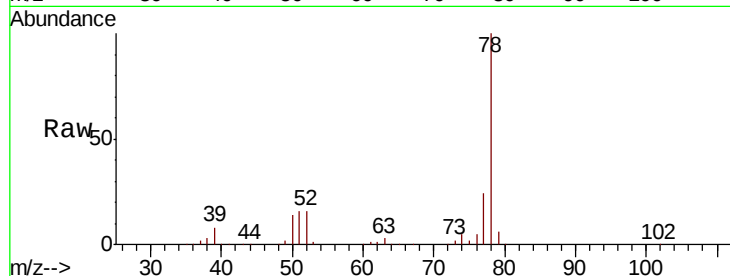
77 23.6 17.9 26.9

Manual Integrations

APPROVED

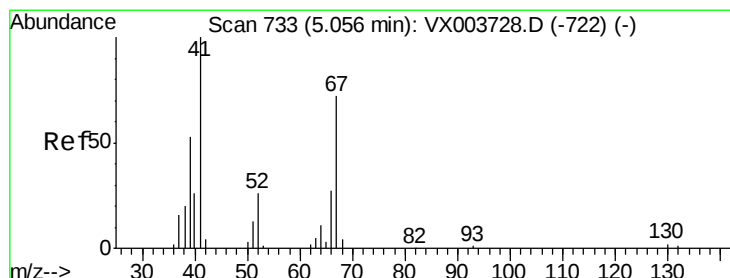
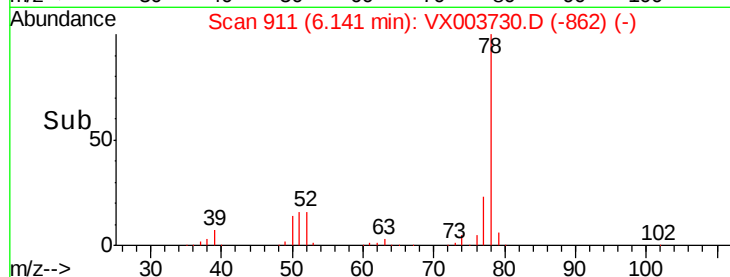
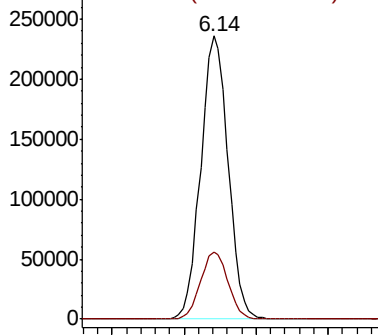
MMDadoda

8/1/2018 10:40:17 AM



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 154.96 ug/l

RT: 5.06 min Scan# 733

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Tgt Ion: 41 Resp: 97864

Ion Ratio Lower Upper

41 100

39 54.3 42.6 64.0

67 74.3 58.9 88.3

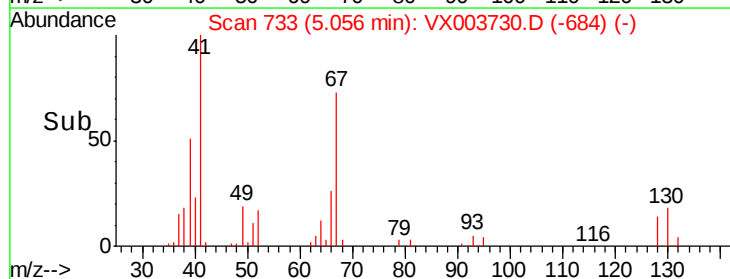
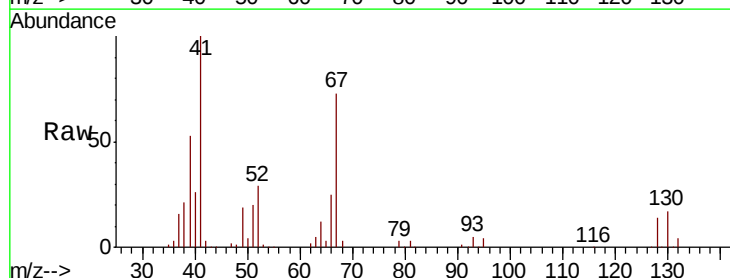
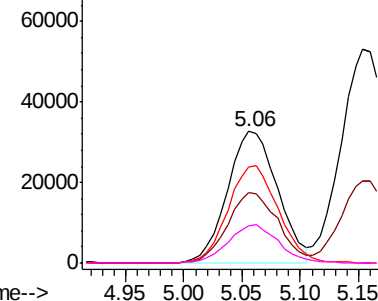
52 29.9 22.9 34.3

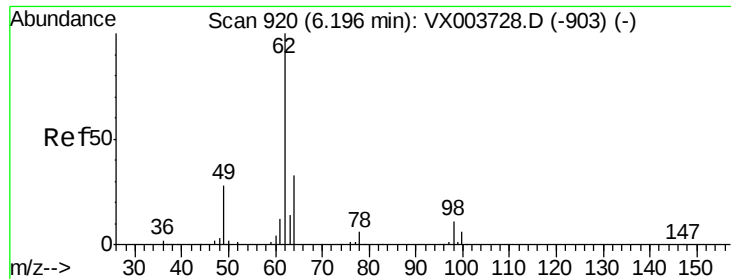
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#42

1,2-Dichloroethane

Concen: 151.86 ug/l

RT: 6.20 min Scan# 920

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

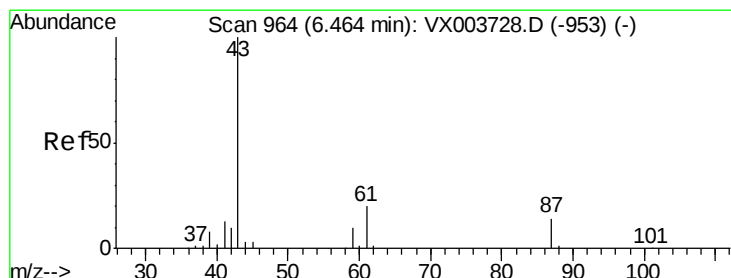
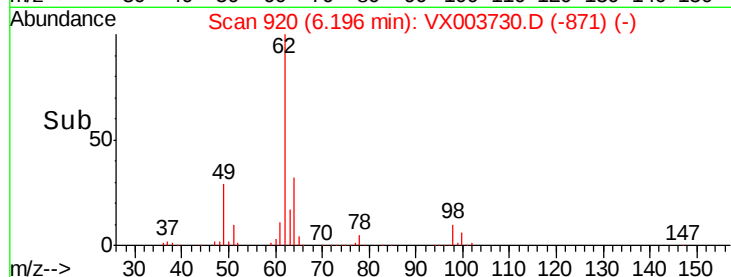
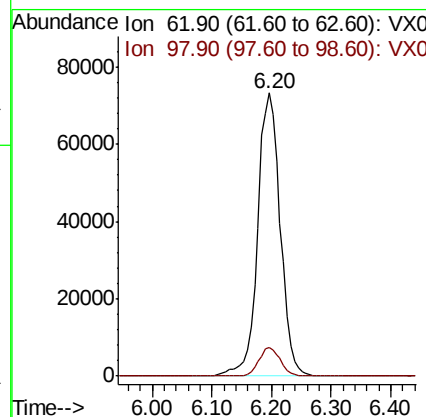
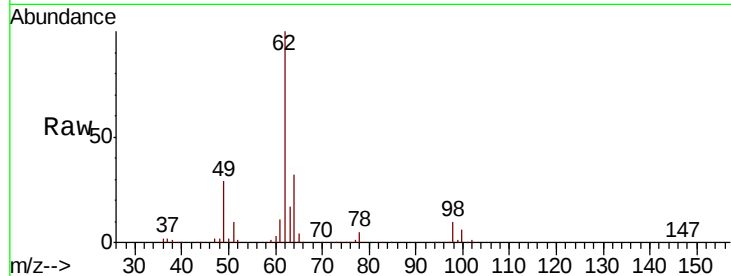
ClientSampleId :

VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 62      | 100   | 191715 |       |       |
| 98      | 9.7   | 0.0    | 20.4  |       |

Manual Integrations  
APPROVED

MMDadoda  
8/1/2018 10:40:17 AM



#43

Isopropyl Acetate

Concen: 162.95 ug/l

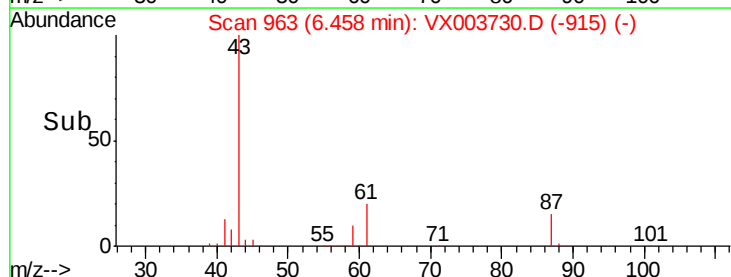
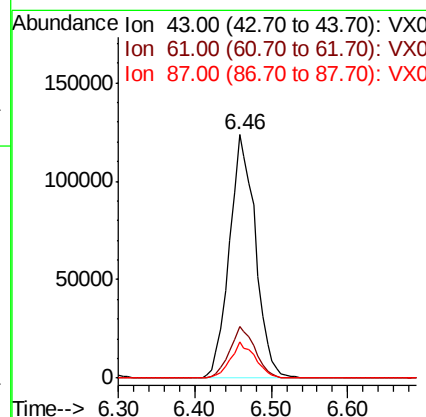
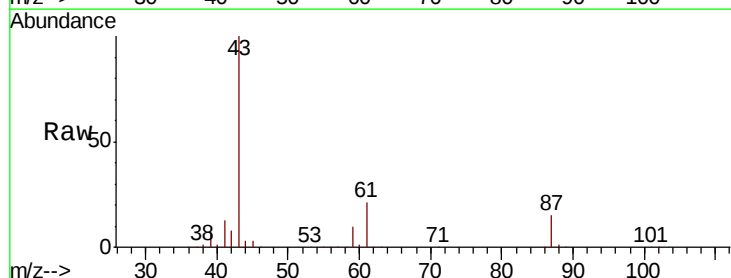
RT: 6.46 min Scan# 963

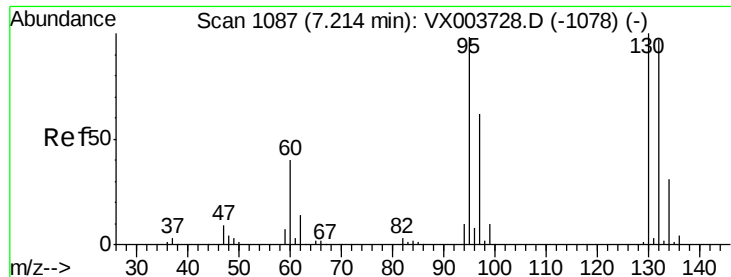
Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 43      | 100   | 290894 |       |       |
| 61      | 20.9  | 16.5   | 24.7  |       |
| 87      | 14.1  | 10.7   | 16.1  |       |





#44

Trichloroethene

Concen: 146.04 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 174129

Ion Ratio Lower Upper

130 100

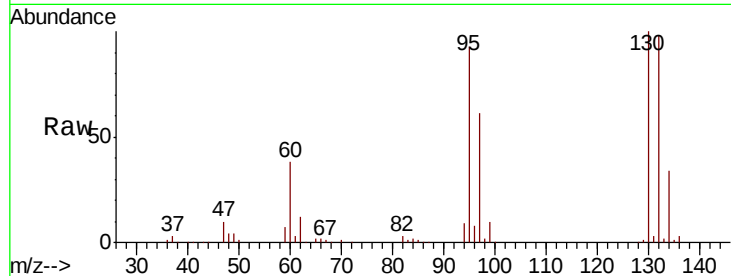
95 93.0 0.0 196.2

Manual Integrations

APPROVED

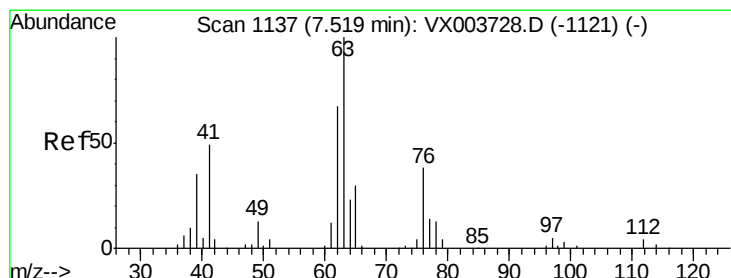
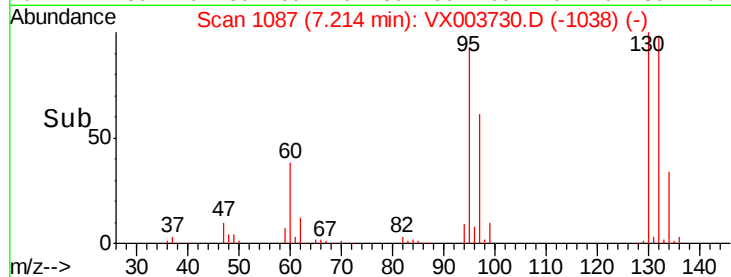
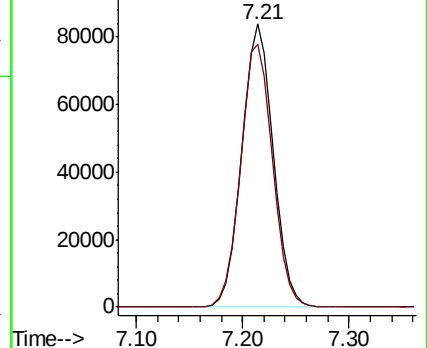
MMDadoda

8/1/2018 10:40:17 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 153.73 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003730.D

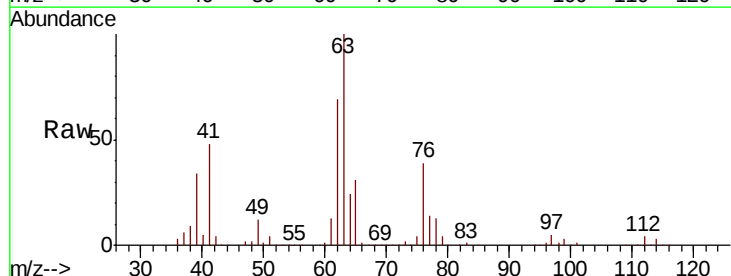
Acq: 30 Jul 2018 18:05

Tgt Ion: 63 Resp: 158015

Ion Ratio Lower Upper

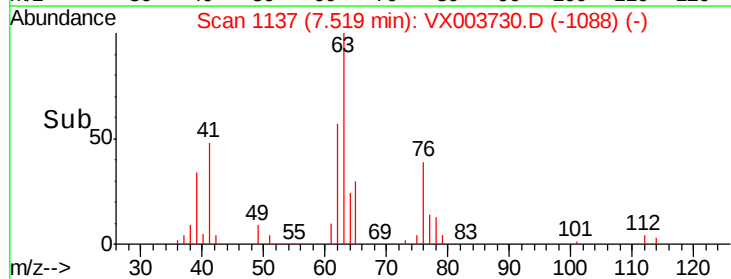
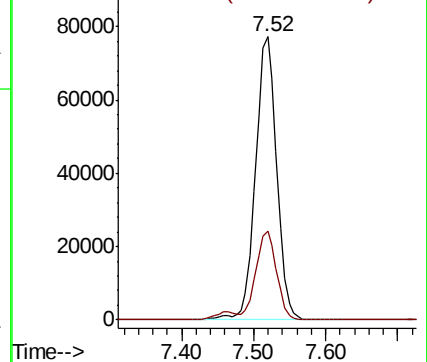
63 100

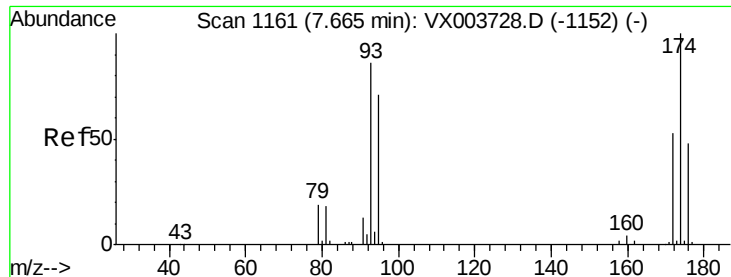
65 31.3 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





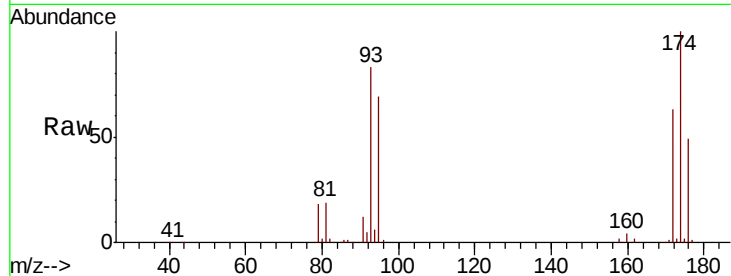
#46  
Dibromomethane  
Concen: 156.07 ug/l  
RT: 7.67 min Scan# 1161  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.6  | 68.1  | 102.1 |
| 174     | 119.4 | 96.2  | 144.4 |

Manual Integrations  
APPROVED

MMDadoda  
8/1/2018 10:40:17 AM

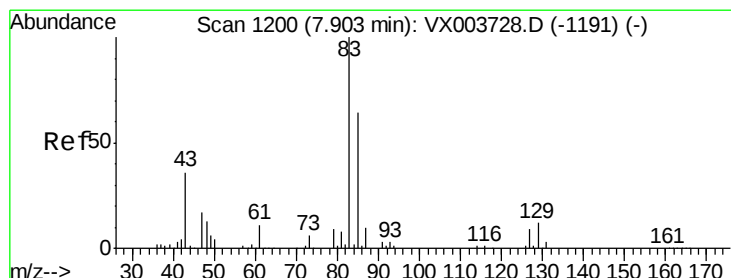
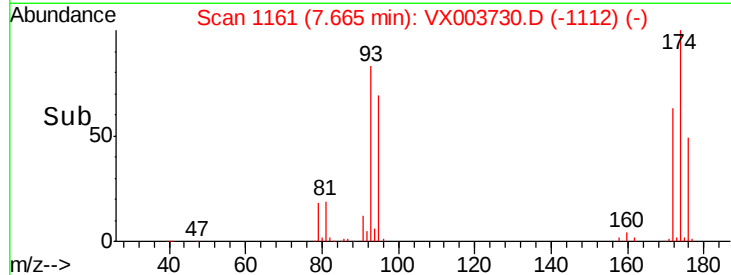
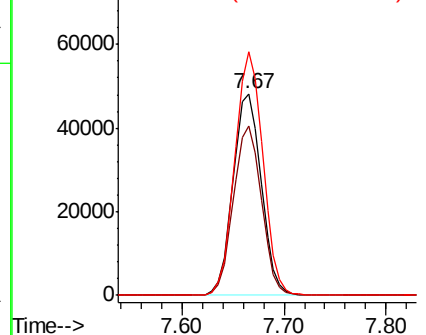


Abundance

Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#47  
Bromodichloromethane  
Concen: 164.13 ug/l  
RT: 7.90 min Scan# 1200  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

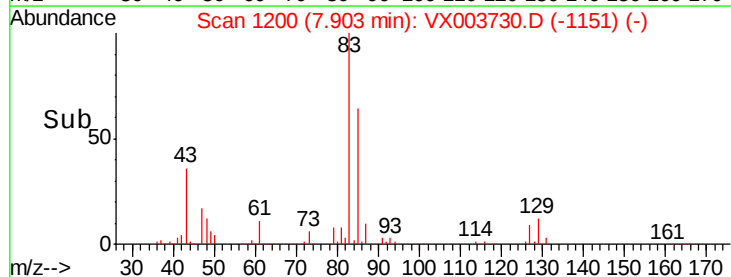
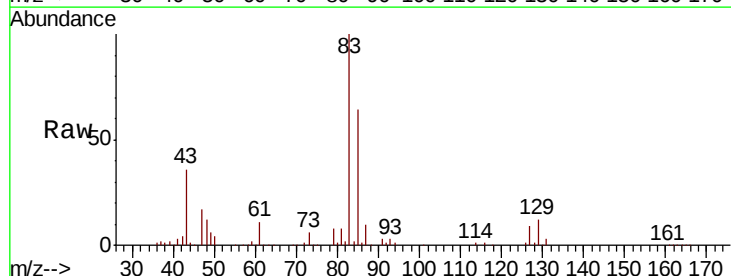
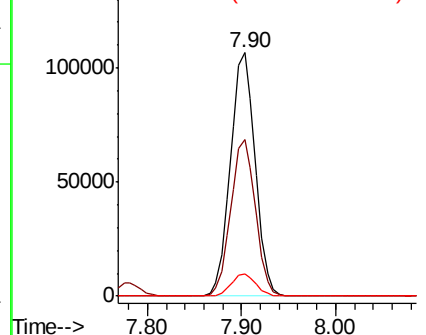
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.4  | 51.1  | 76.7  |
| 127     | 9.1   | 7.1   | 10.7  |

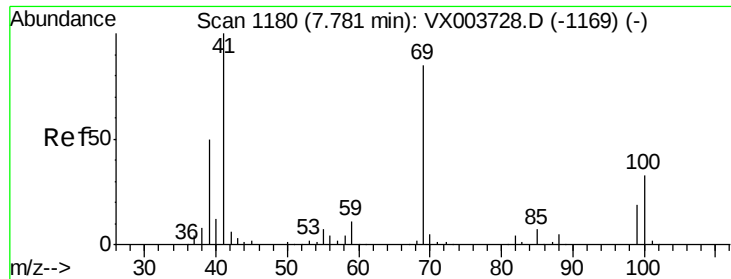
Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





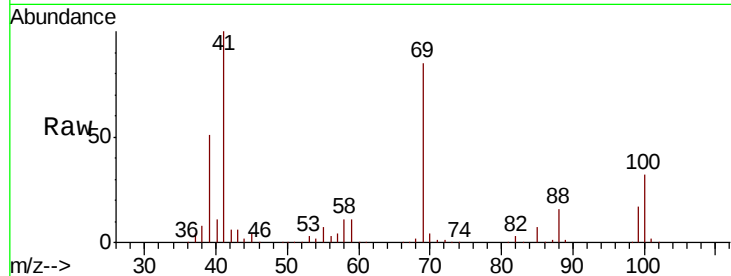
#48  
Methyl methacrylate  
Concen: 164.18 ug/l  
RT: 7.78 min Scan# 1179  
Delta R.T. -0.01 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 147011 |       |       |
| 69      | 86.0  |        | 68.7  | 103.1 |
| 39      | 51.0  |        | 40.8  | 61.2  |

Manual Integrations  
APPROVED

MMDadoda  
8/1/2018 10:40:17 AM

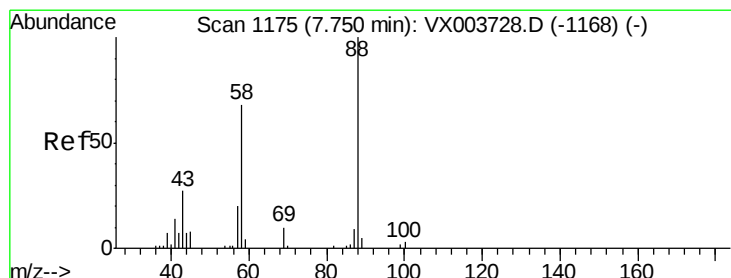
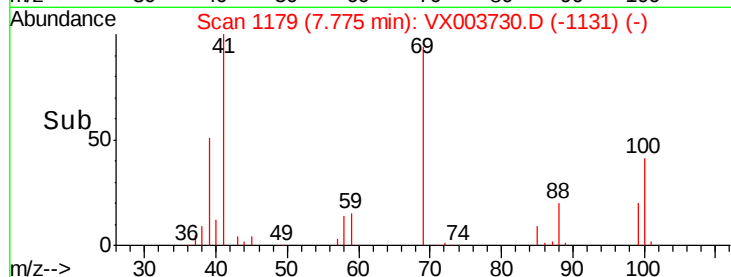
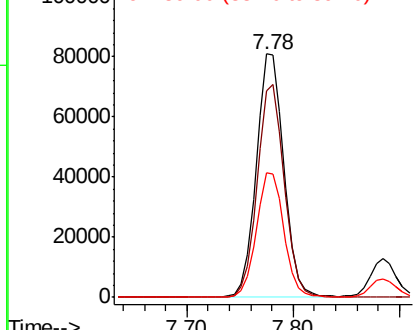


Abundance

Ion 41.00 (40.70 to 41.70): VX0

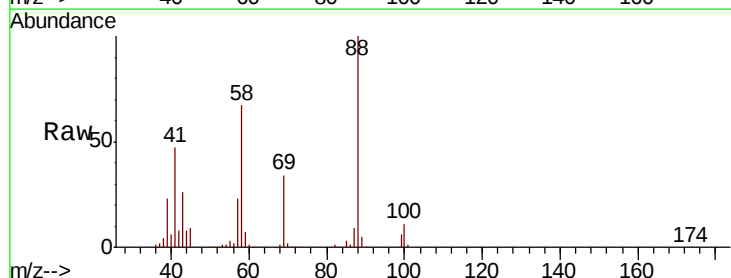
Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49  
1,4-Dioxane  
Concen: 3310.97 ug/l  
RT: 7.76 min Scan# 1176  
Delta R.T. 0.01 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 88      | 100   | 59838 |       |       |
| 43      | 30.6  |       | 26.0  | 39.0  |
| 58      | 70.2  |       | 57.1  | 85.7  |

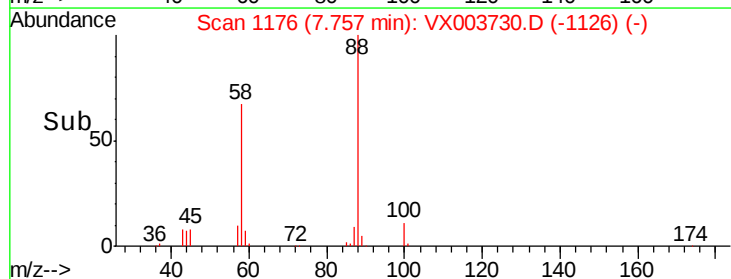
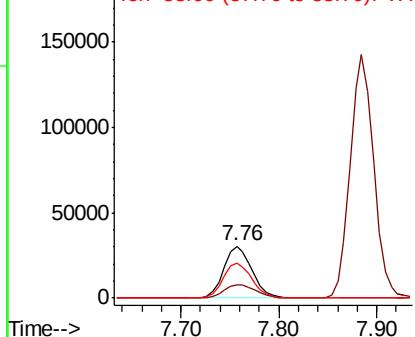


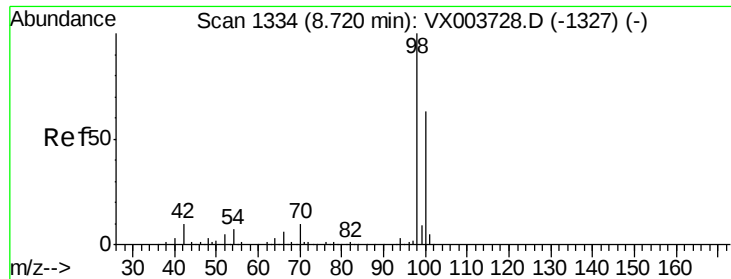
Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





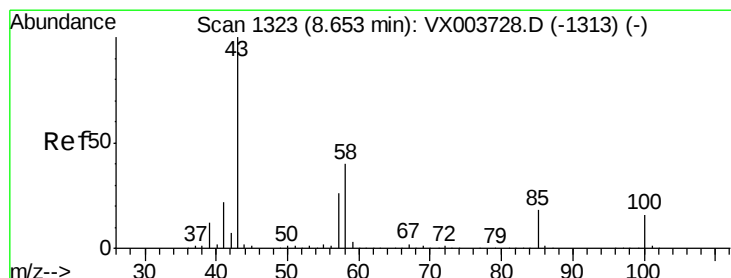
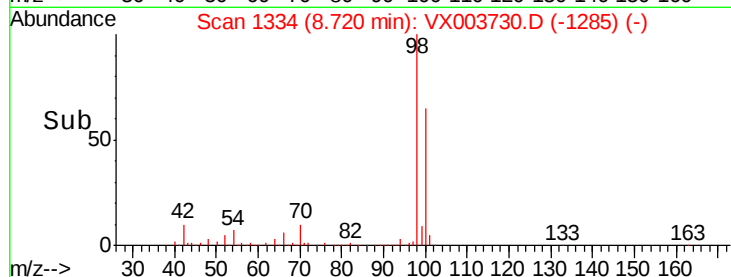
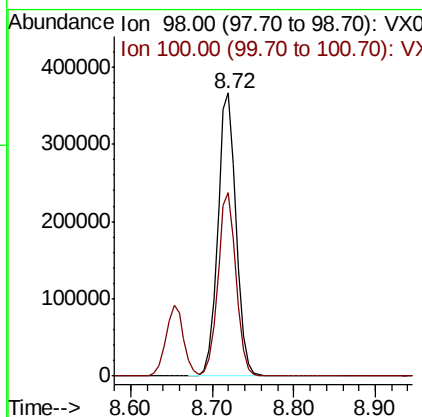
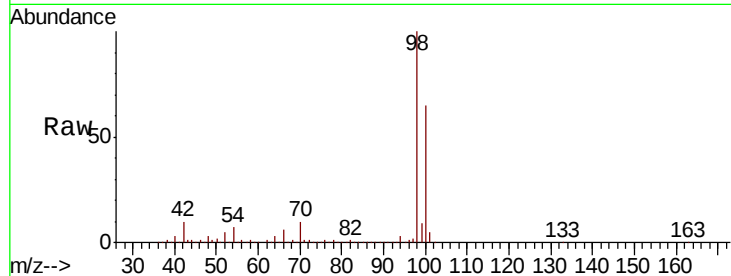
#50  
Toluene-d8  
Concen: 150.05 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

Tot Ion: 98 Resp: 573727  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.4 77.0

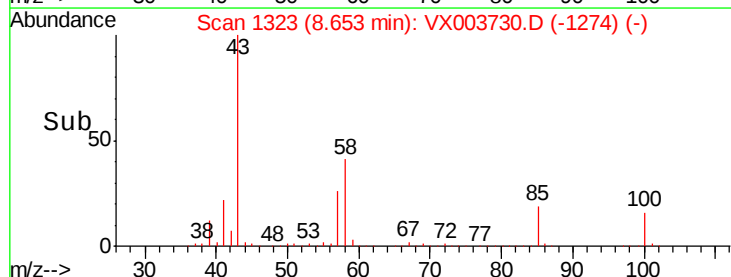
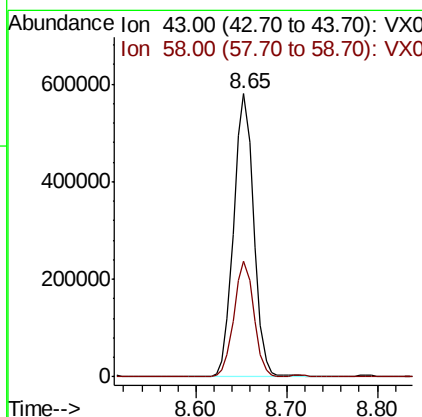
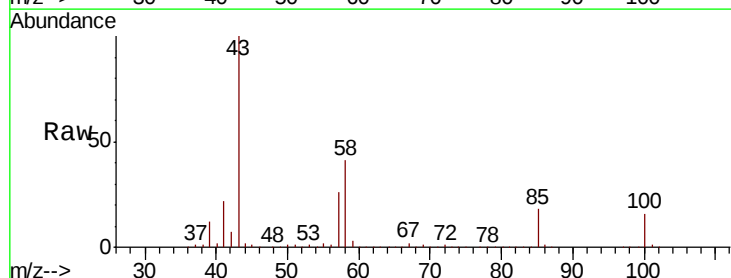
Manual Integrations  
APPROVED

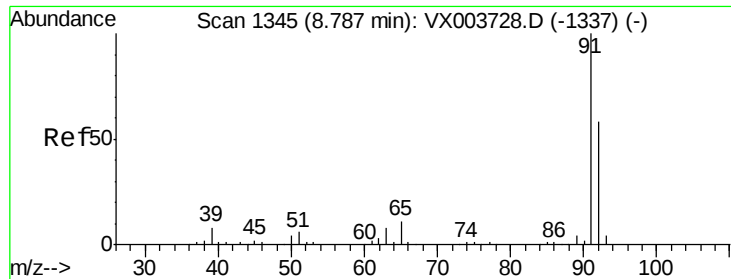
MMDadoda  
8/1/2018 10:40:17 AM



#51  
4-Methyl-2-Pentanone  
Concen: 815.18 ug/l  
RT: 8.65 min Scan# 1323  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Tgt Ion: 43 Resp: 894319  
Ion Ratio Lower Upper  
43 100  
58 40.4 32.1 48.1





#52

Toluene

Concen: 150.68 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC150

Tot Ion: 92 Resp: 392852

Ion Ratio Lower Upper

92 100

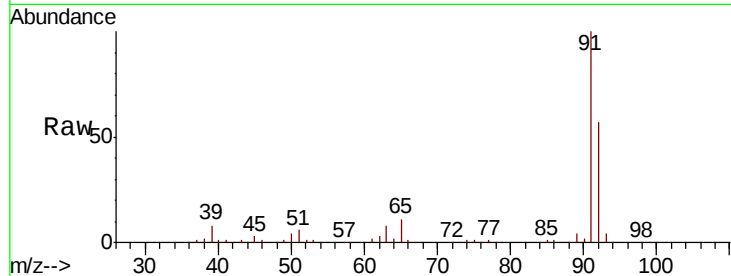
91 173.7 139.4 209.2

Manual Integrations

APPROVED

MMDadoda

8/1/2018 10:40:17 AM



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

200000

100000

0

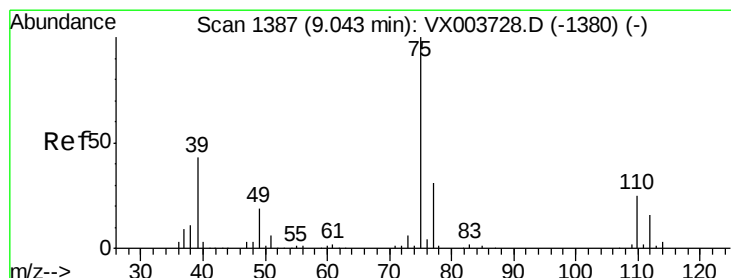
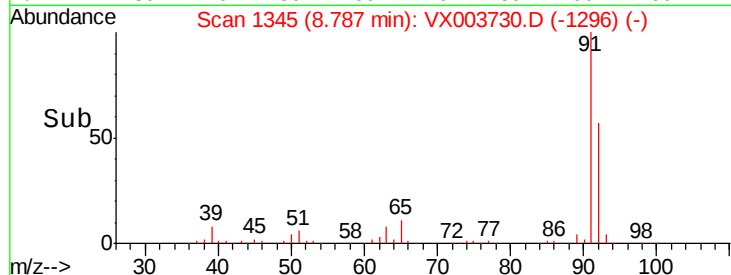
8.79

8.70

8.80

8.90

Time-->



#53

t-1,3-Dichloropropene

Concen: 165.78 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003730.D

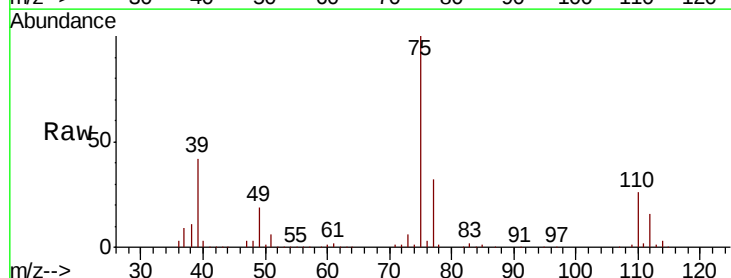
Acq: 30 Jul 2018 18:05

Tgt Ion: 75 Resp: 223499

Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

100000

50000

0

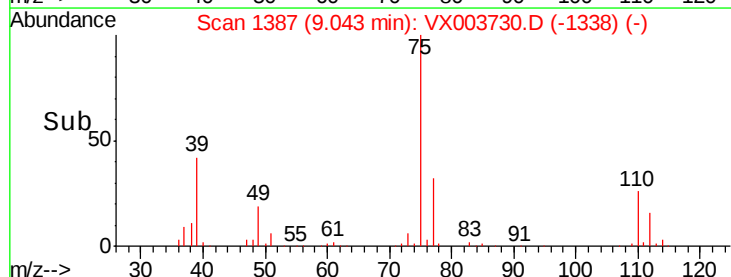
9.04

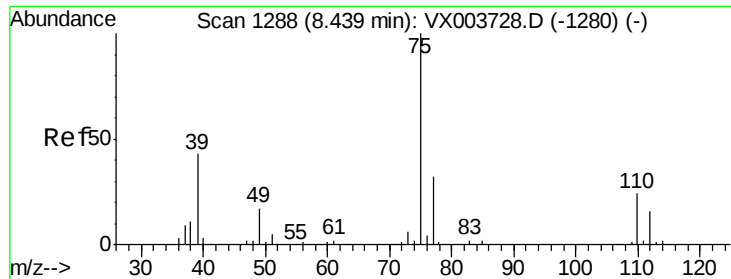
9.00

9.10

9.20

Time-->





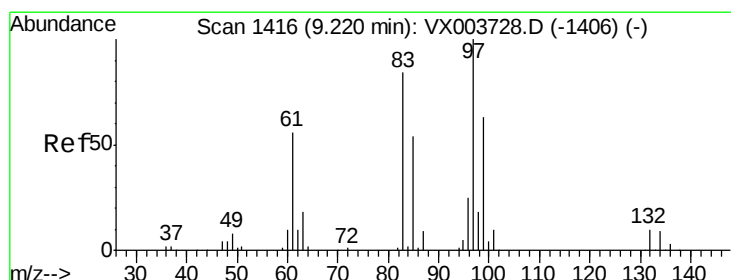
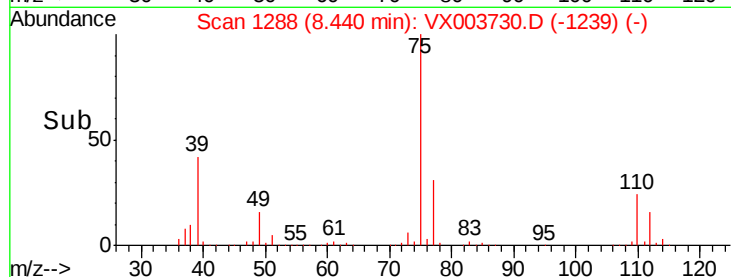
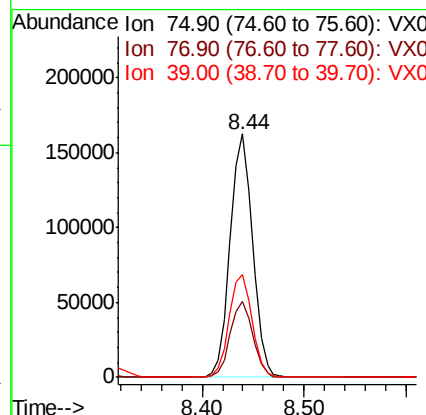
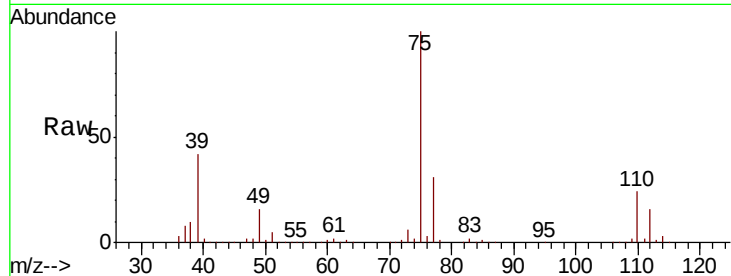
#54  
 cis-1,3-Dichloropropene  
 Concen: 165.35 ug/l  
 RT: 8.44 min Scan# 1288  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.2  | 25.3  | 37.9  |
| 39      | 42.3  | 34.1  | 51.1  |

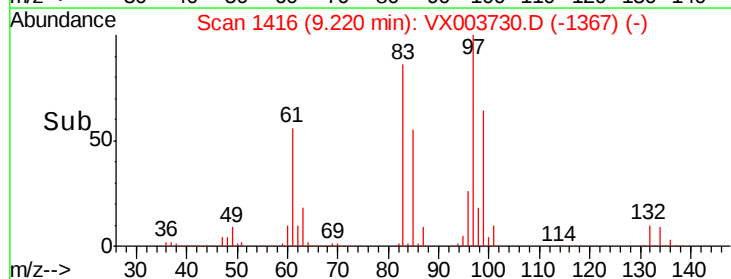
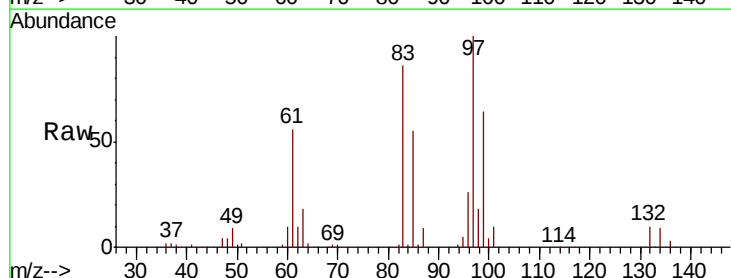
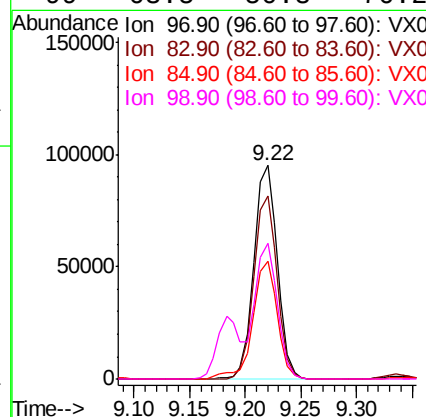
Manual Integrations  
 APPROVED

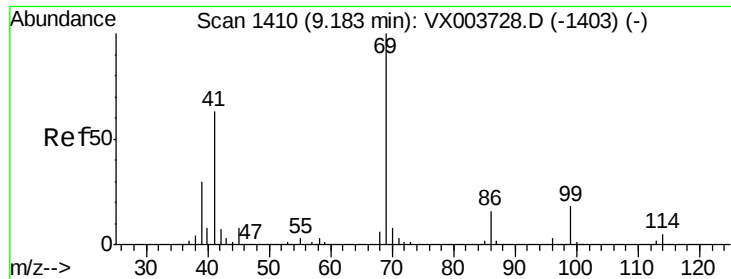
MMDadoda  
 8/1/2018 10:40:17 AM



#55  
 1,1,2-Trichloroethane  
 Concen: 156.30 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 85.8  | 67.4  | 101.0 |
| 85      | 55.4  | 43.3  | 64.9  |
| 99      | 63.5  | 50.8  | 76.2  |





#56

Ethyl methacrylate

Concen: 170.08 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

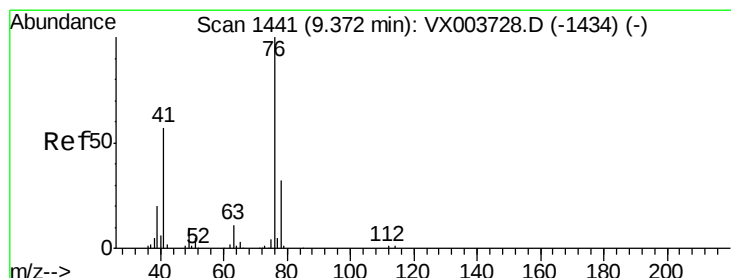
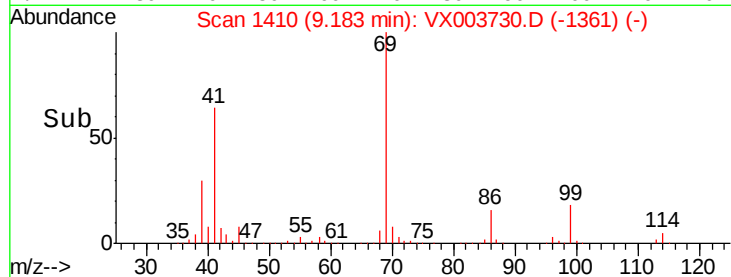
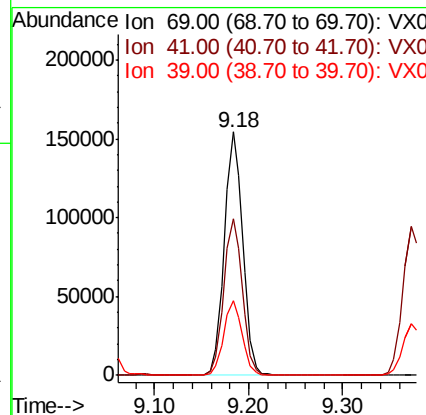
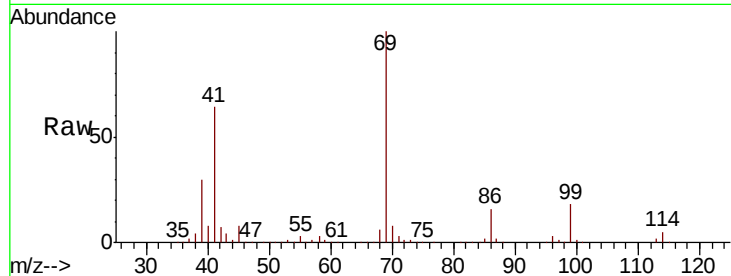
ClientSampled :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 69    | Resp: | 209639 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 64.8  | 51.6  | 77.4   |
| 39        | 30.6  | 25.1  | 37.7   |

Manual Integrations  
APPROVED

MMDadoda  
8/1/2018 10:40:17 AM



#57

1,3-Dichloropropane

Concen: 154.93 ug/l

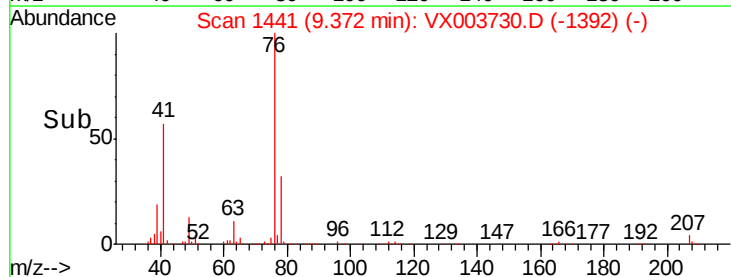
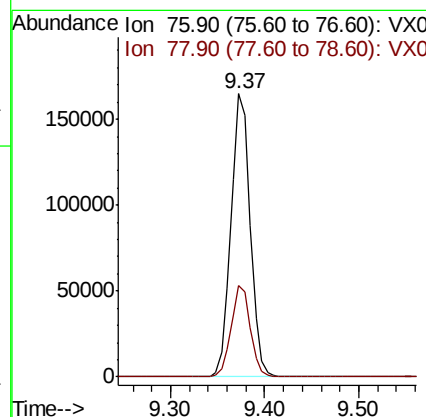
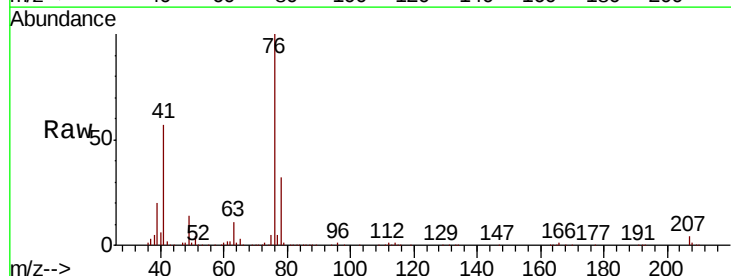
RT: 9.37 min Scan# 1441

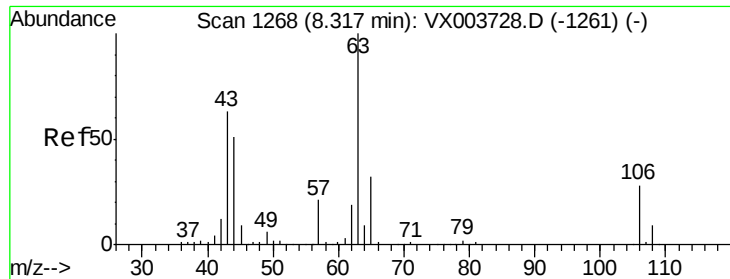
Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 76    | Resp: | 233375 |
| Ion Ratio | Lower | Upper |        |
| 76        | 100   |       |        |
| 78        | 32.2  | 25.7  | 38.5   |





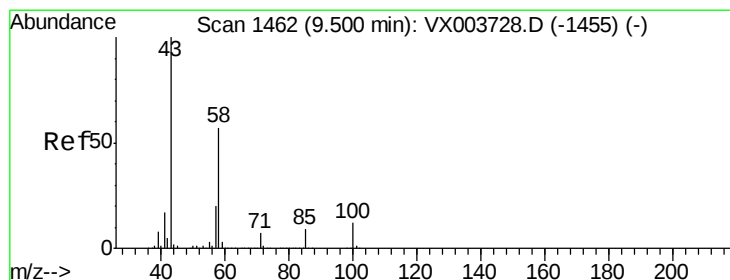
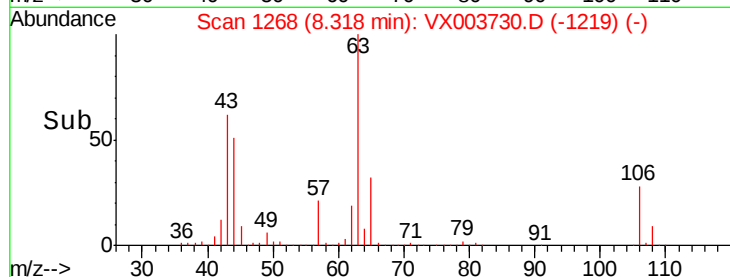
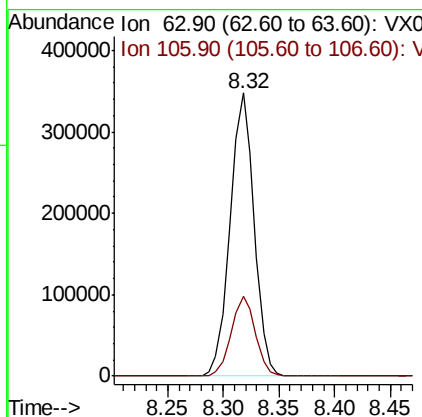
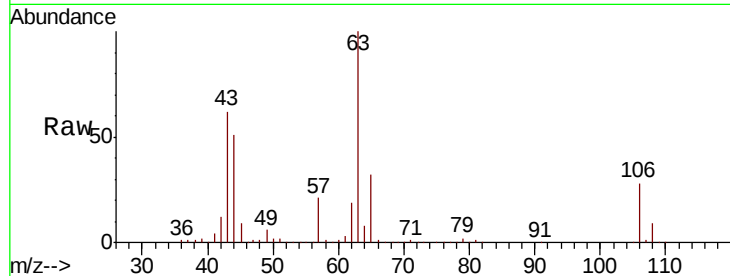
#58  
2-Chloroethyl Vinyl ether  
Concen: 878.22 ug/l  
RT: 8.32 min Scan# 1268  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tot Ion: 63 Resp: 517844  
Ion Ratio Lower Upper  
63 100  
106 28.1 22.5 33.7

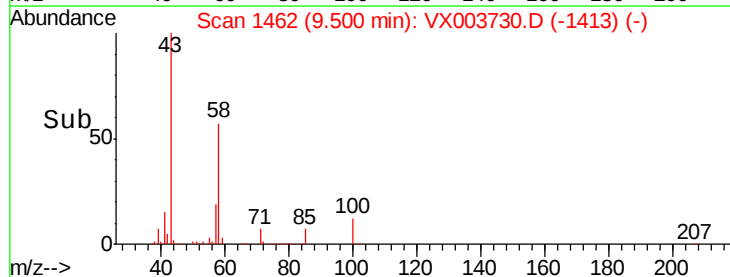
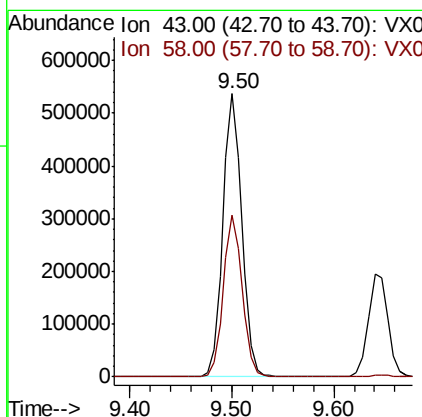
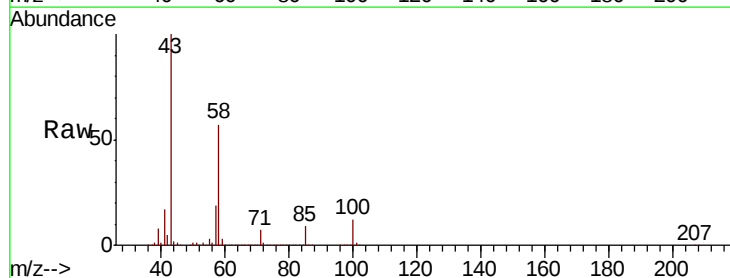
Manual Integrations  
APPROVED

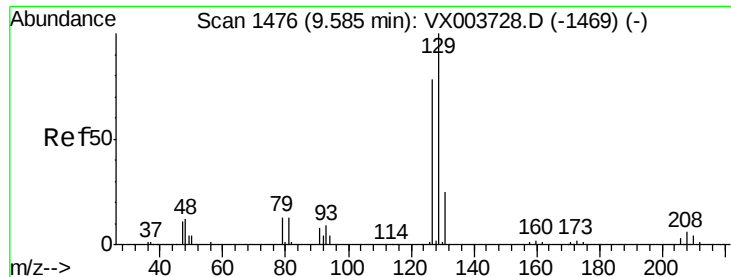
MMDadoda  
8/1/2018 10:40:17 AM



#59  
2-Hexanone  
Concen: 833.60 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Tgt Ion: 43 Resp: 696703  
Ion Ratio Lower Upper  
43 100  
58 56.7 28.0 83.9





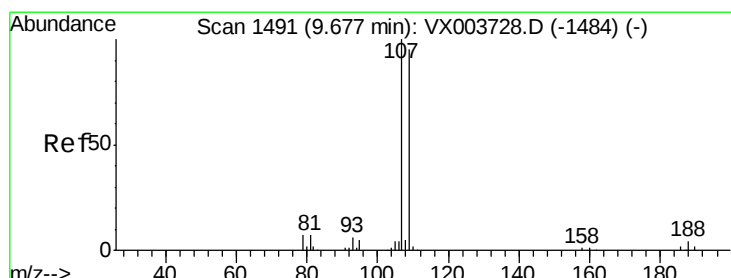
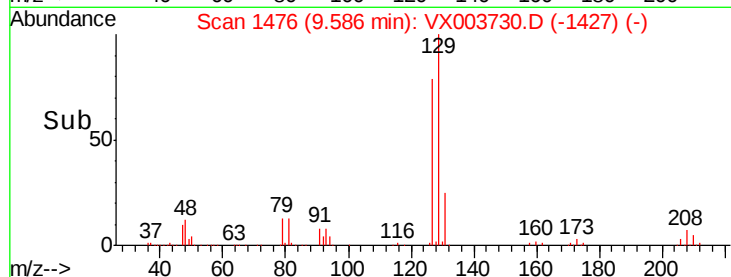
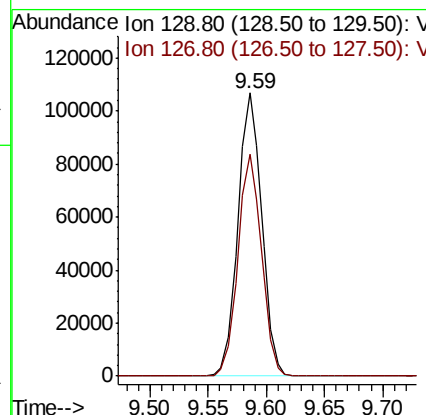
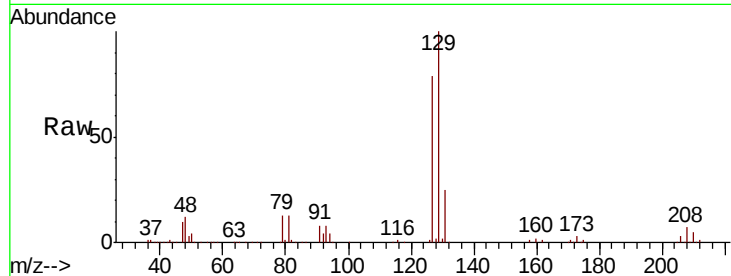
#60  
 Dibromochloromethane  
 Concen: 168.55 ug/l  
 RT: 9.59 min Scan# 1476  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 129     | 100  |       | 152314 |       |       |
| 127     | 77.6 | 38.8  | 116.4  |       |       |

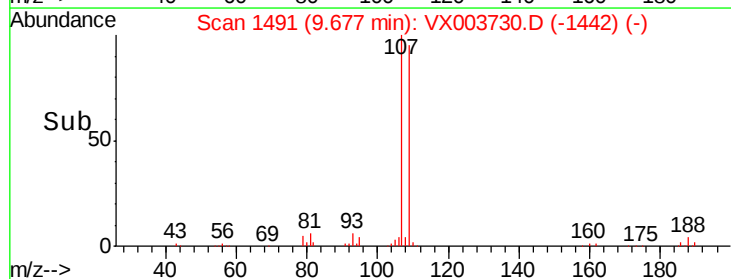
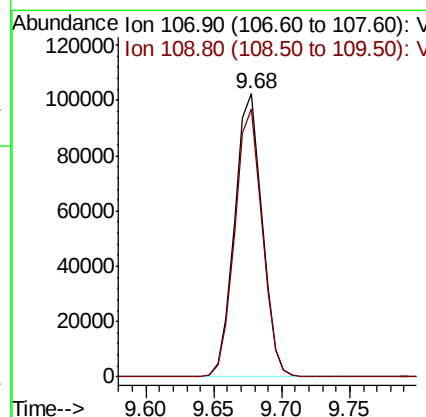
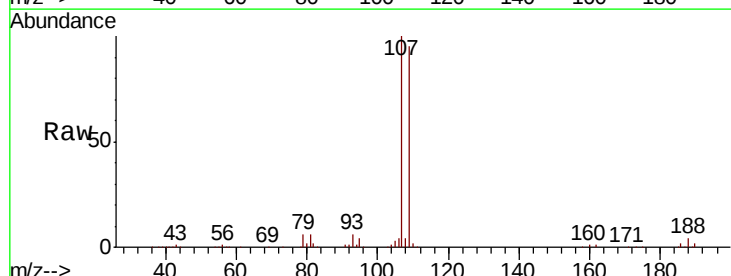
Manual Integrations  
 APPROVED

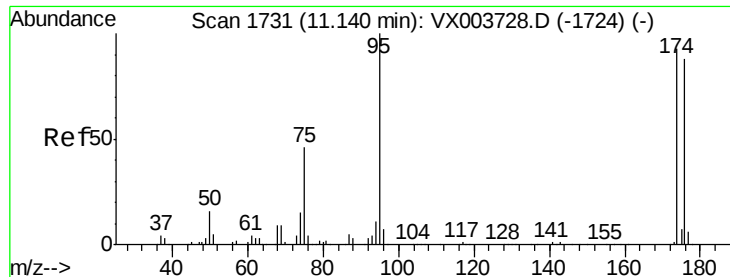
MMDadoda  
 8/1/2018 10:40:17 AM



#61  
 1,2-Dibromoethane  
 Concen: 157.77 ug/l  
 RT: 9.68 min Scan# 1491  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 144544 |       |       |
| 109     | 94.5 | 75.0  | 112.6  |       |       |





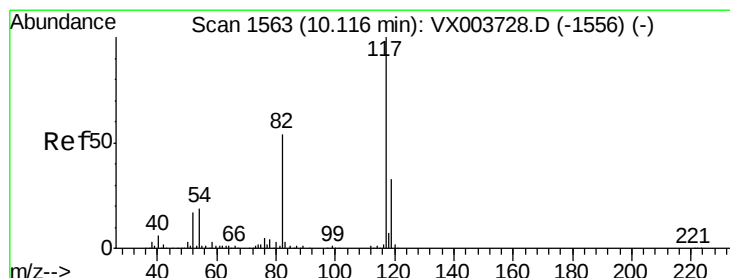
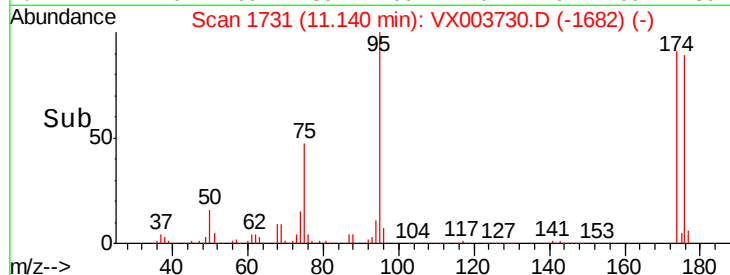
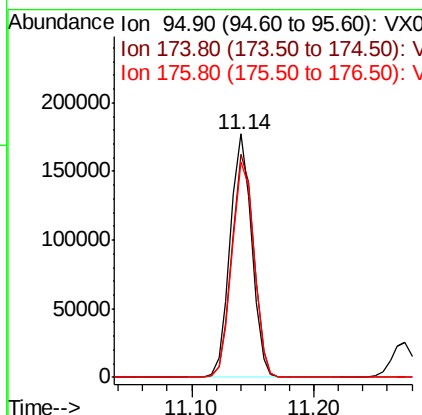
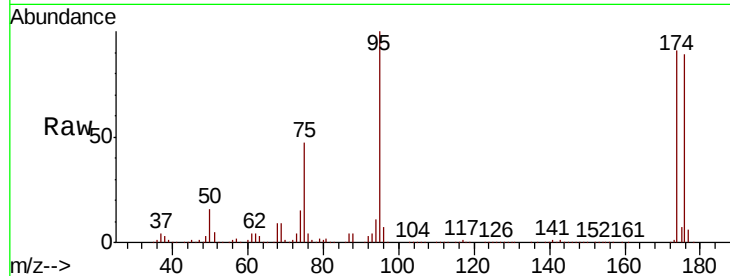
#62  
4-Bromofluorobenzene  
Concen: 151.93 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 214191 |       |       |
| 174     | 93.9  | 0.0    | 186.2 |       |
| 176     | 91.3  | 0.0    | 179.2 |       |

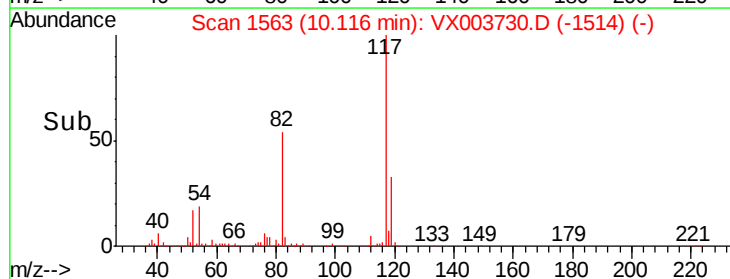
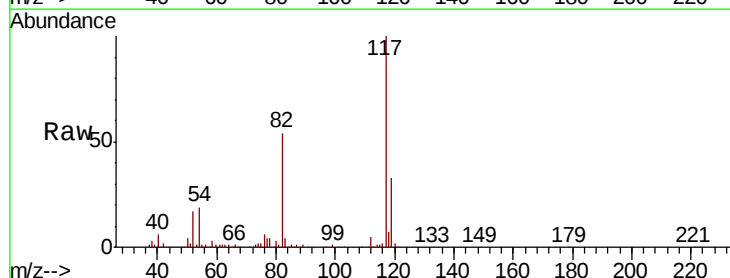
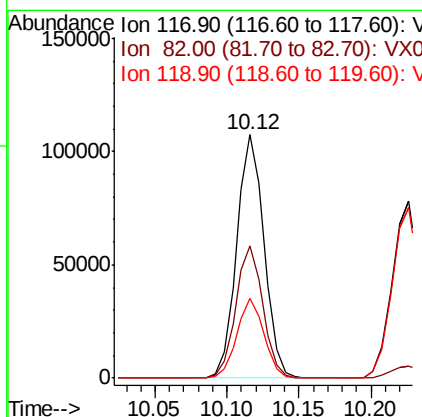
Manual Integrations  
APPROVED

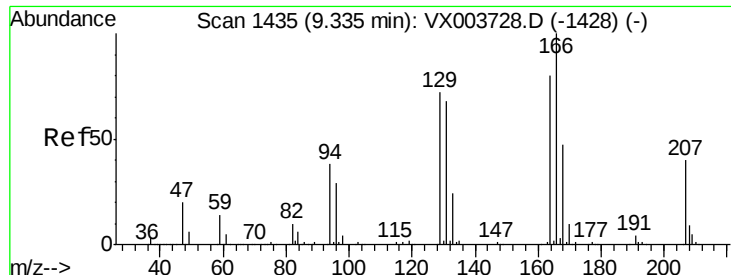
MMDadoda  
8/1/2018 10:40:17 AM



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 141909 |       |       |
| 82      | 54.2  | 43.2   | 64.8  |       |
| 119     | 32.9  | 26.3   | 39.5  |       |





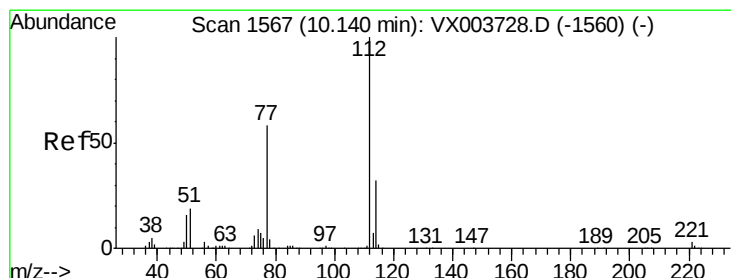
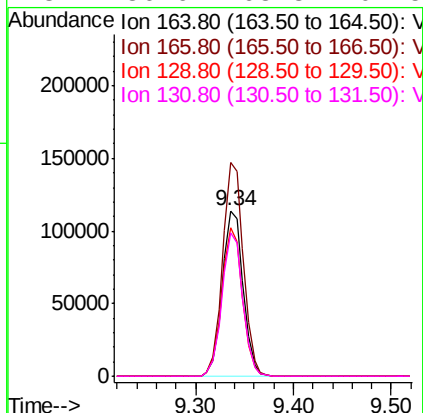
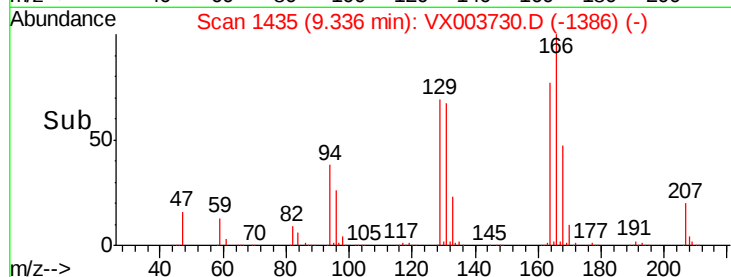
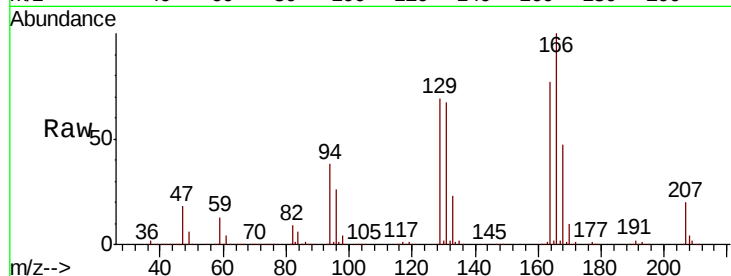
#64  
Tetrachloroethene  
Concen: 150.85 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   |        |       |       |
| 166     | 129.1 | 168265 | 100.4 | 150.6 |
| 129     | 89.7  |        | 71.8  | 107.8 |
| 131     | 86.6  |        | 68.3  | 102.5 |

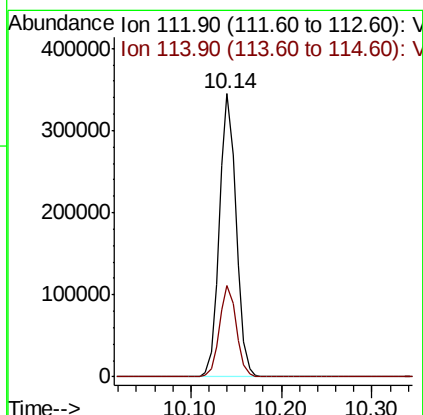
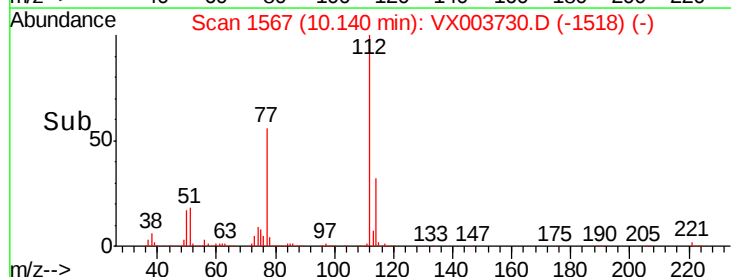
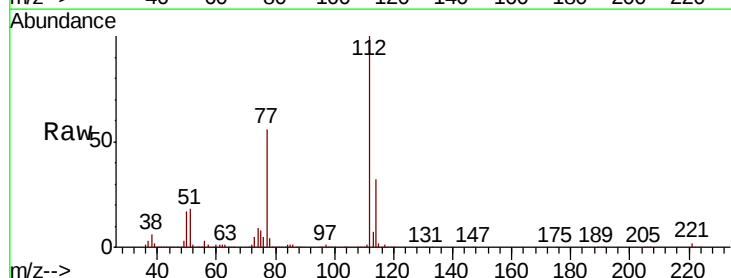
Manual Integrations  
APPROVED

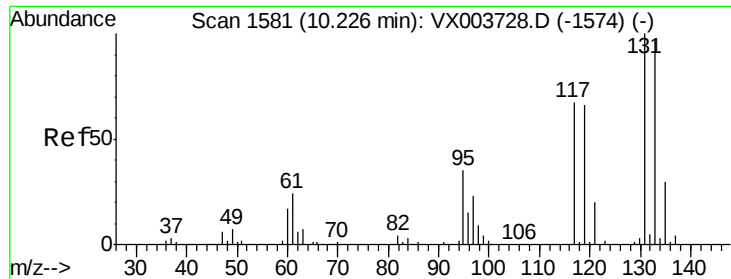
MMDadoda  
8/1/2018 10:40:17 AM



#65  
Chlorobenzene  
Concen: 150.01 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 444847 |       |       |
| 114     | 32.3  |        | 25.7  | 38.5  |





#66

1,1,1,2-Tetrachloroethane

Concen: 161.35 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

Tot Ion:131 Resp: 156037  
Ion Ratio Lower Upper

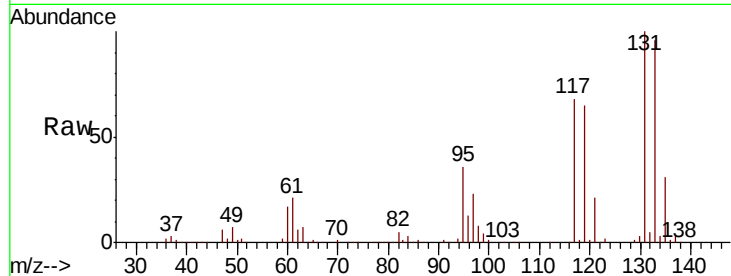
131 100

133 96.0 47.6 142.9

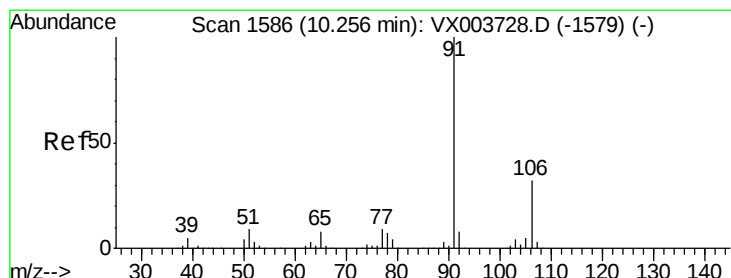
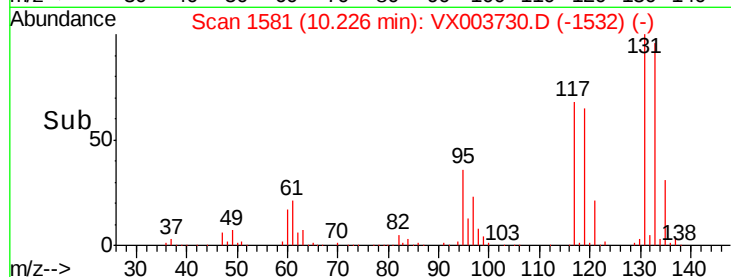
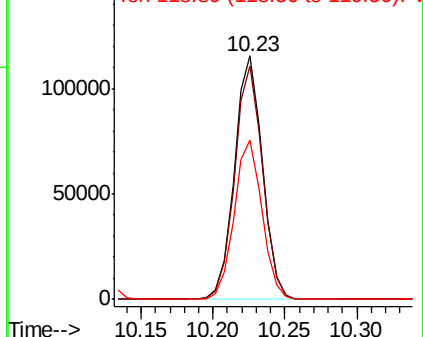
119 65.4 32.8 98.3

Manual Integrations  
APPROVED

MMDadoda  
8/1/2018 10:40:17 AM



Abundance Ion 130.80 (130.50 to 131.50): V  
Ion 132.80 (132.50 to 133.50): V  
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 154.44 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

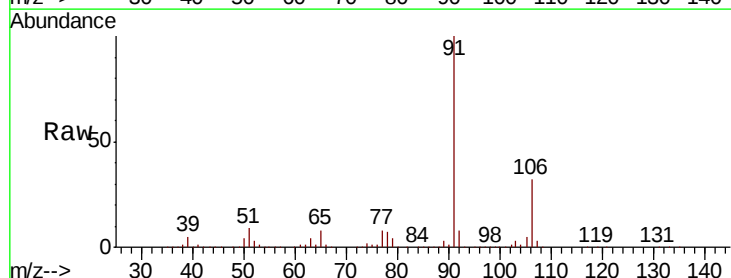
Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

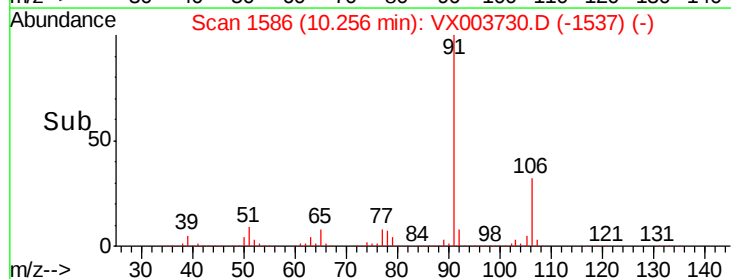
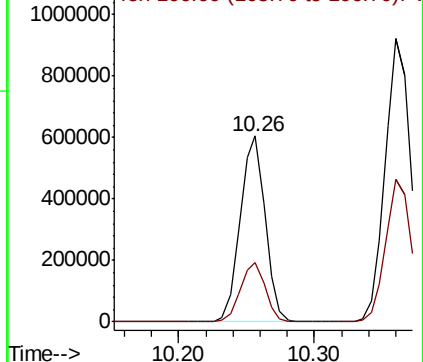
Tgt Ion: 91 Resp: 773332  
Ion Ratio Lower Upper

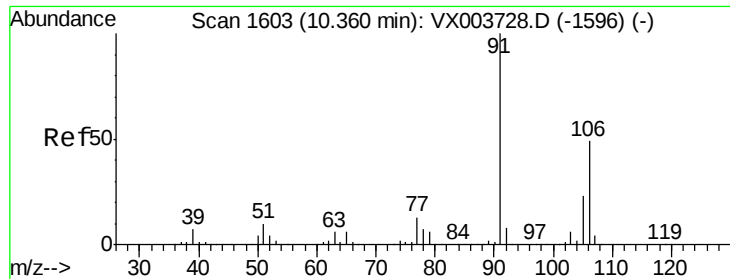
91 100

106 32.1 25.4 38.2



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





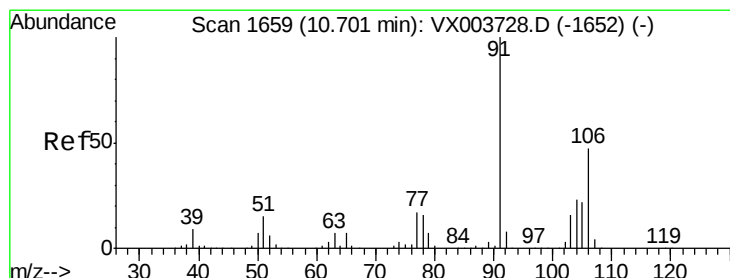
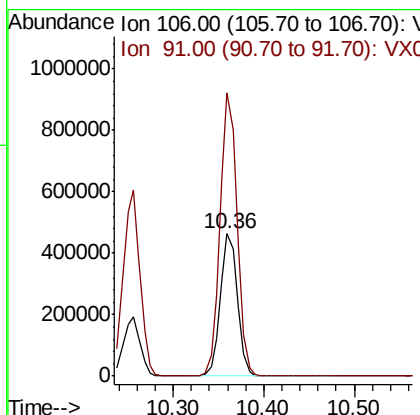
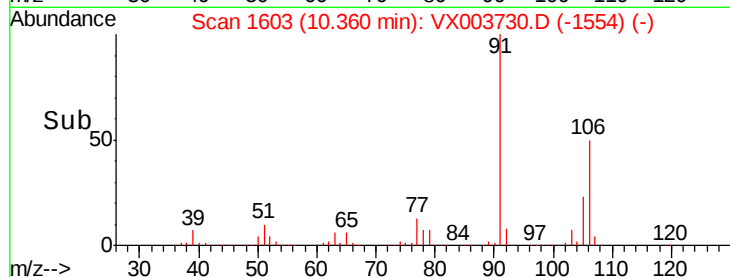
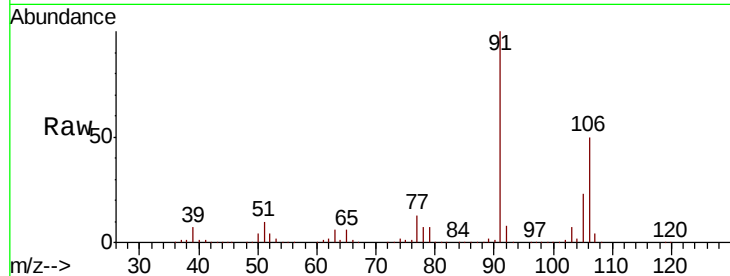
#68  
m/p-Xylenes  
Concen: 310.51 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC150

Tot Ion:106 Resp: 608215  
Ion Ratio Lower Upper  
106 100  
91 198.9 159.8 239.8

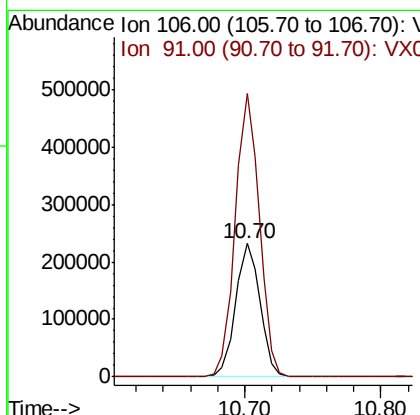
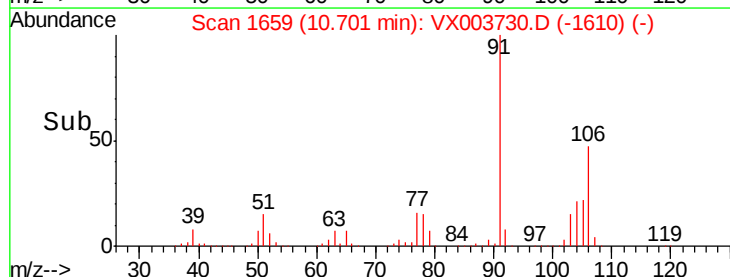
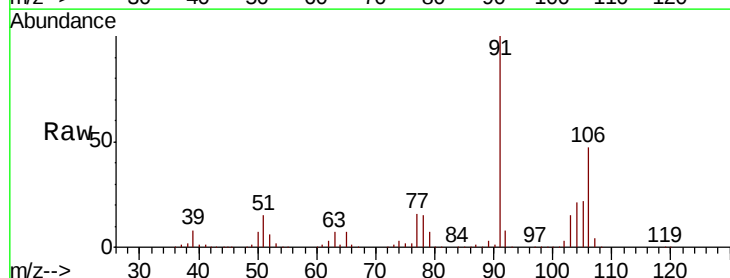
Manual Integrations  
APPROVED

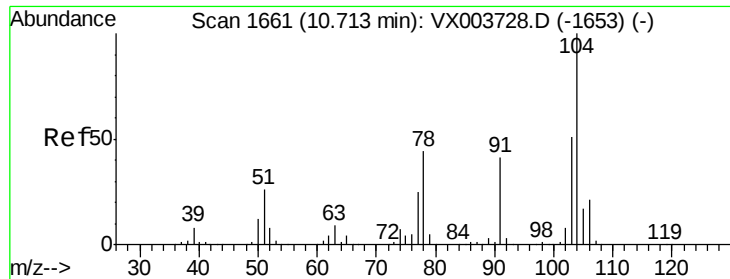
MMDadoda  
8/1/2018 10:40:17 AM



#69  
o-Xylene  
Concen: 158.44 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Tgt Ion:106 Resp: 288163  
Ion Ratio Lower Upper  
106 100  
91 211.6 105.6 316.8





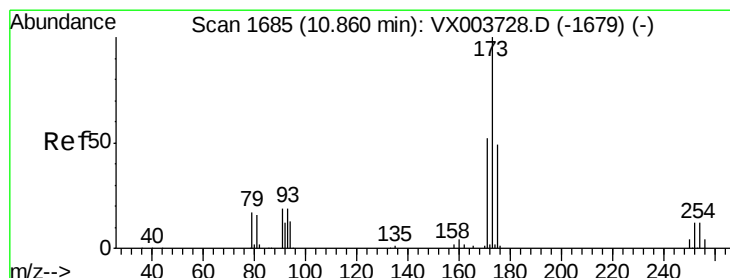
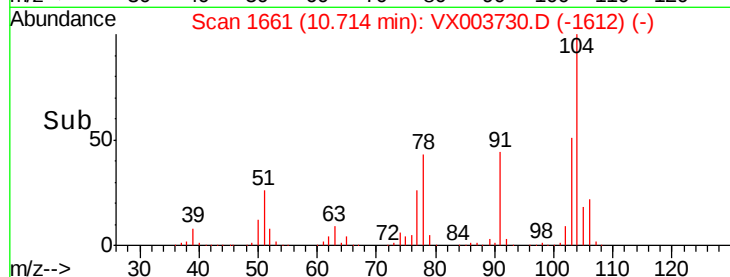
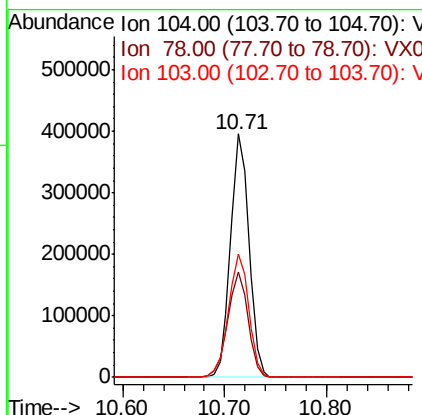
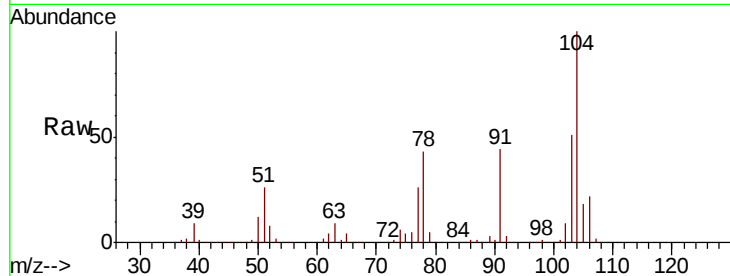
#70  
 Stvrene  
 Concen: 161.48 ug/l  
 RT: 10.71 min Scan# 1661  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 104   | Resp: | 494111 |
| Ion Ratio | Lower | Upper |        |
| 104       | 100   |       |        |
| 78        | 47.6  | 38.2  | 57.2   |
| 103       | 55.4  | 44.5  | 66.7   |

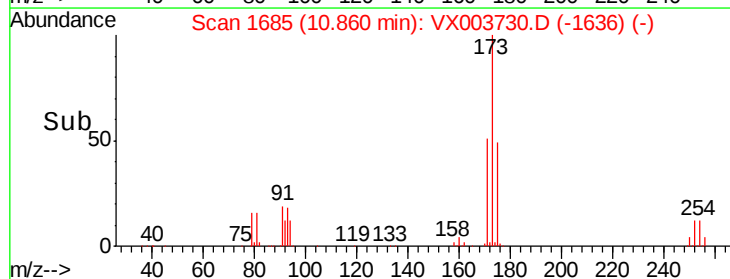
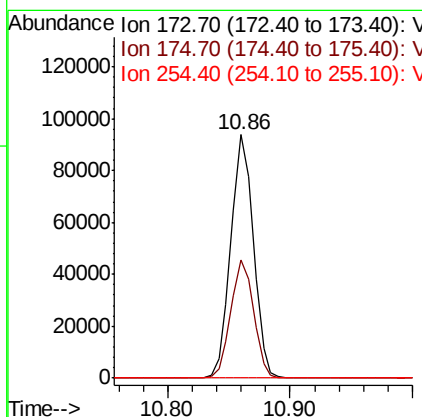
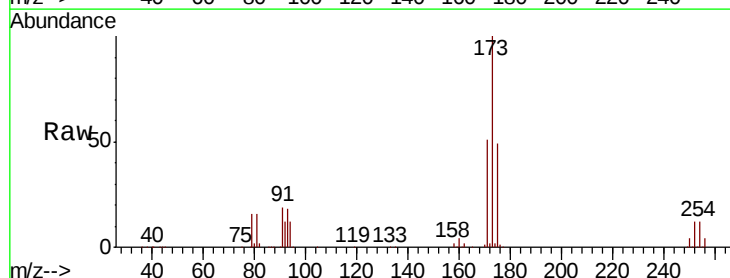
Manual Integrations  
 APPROVED

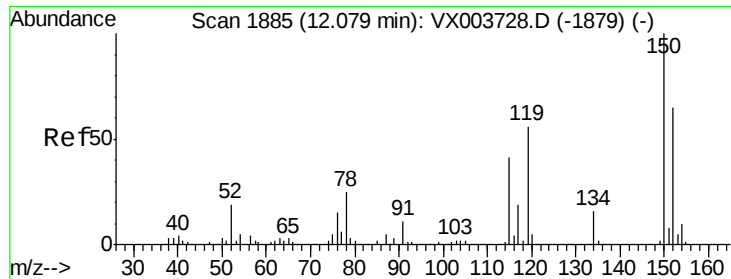
MMDadoda  
 8/1/2018 10:40:17 AM



#71  
 Bromoform  
 Concen: 179.78 ug/l  
 RT: 10.86 min Scan# 1685  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 173   | Resp: | 119537 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.9  | 24.9  | 74.6   |
| 254       | 0.2   | 0.0   | 0.0#   |





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

Tot Ion:152 Resp: 84825

Ion Ratio Lower Upper

152 100

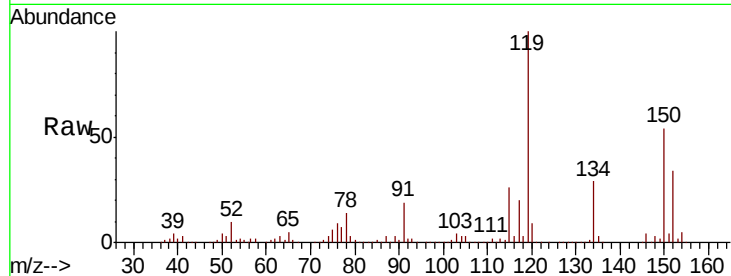
115 121.6 38.5 115.3#

150 205.8 0.0 346.2

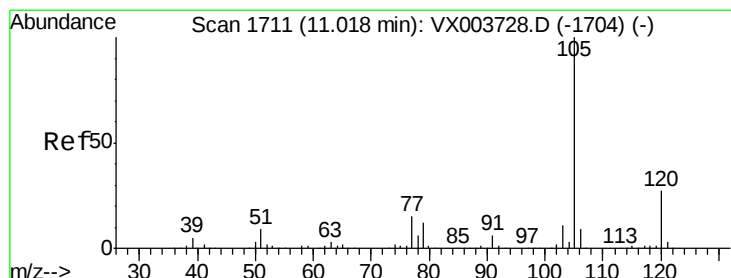
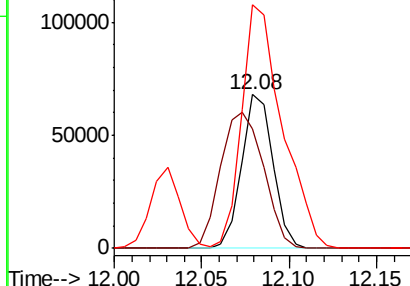
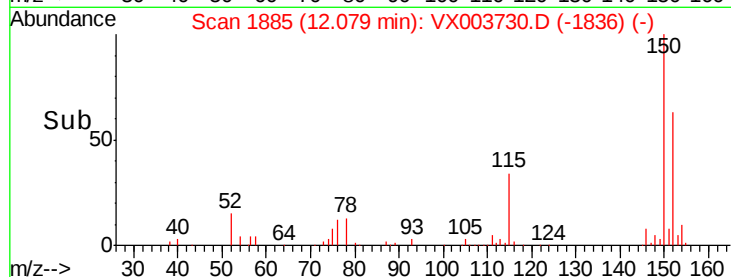
Manual Integrations  
APPROVED

MMDadoda

8/1/2018 10:40:17 AM



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



#73

Isopropylbenzene

Concen: 147.92 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003730.D

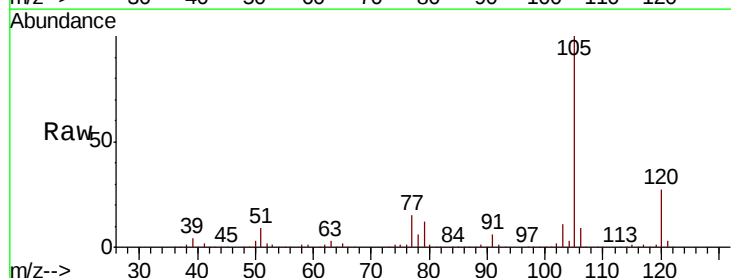
Acq: 30 Jul 2018 18:05

Tgt Ion:105 Resp: 785524

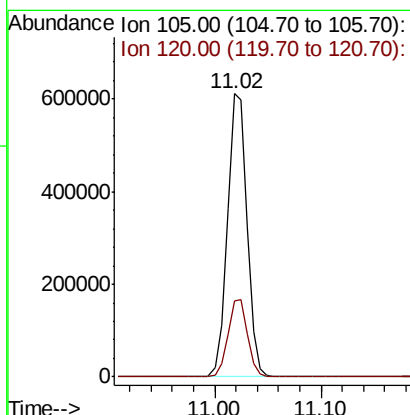
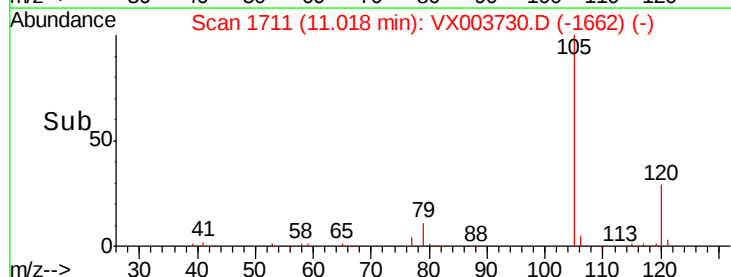
Ion Ratio Lower Upper

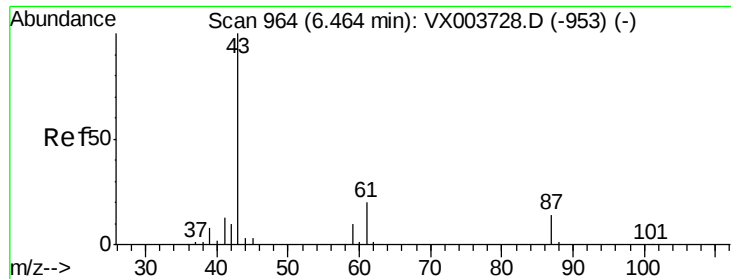
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 172.24 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

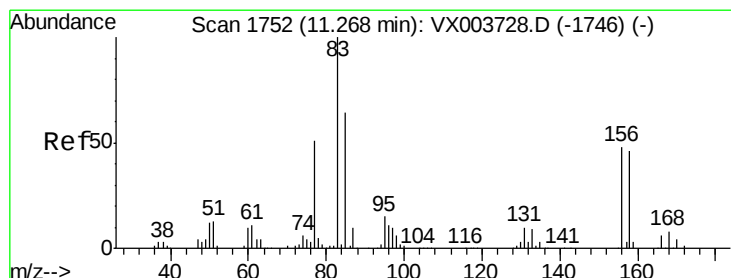
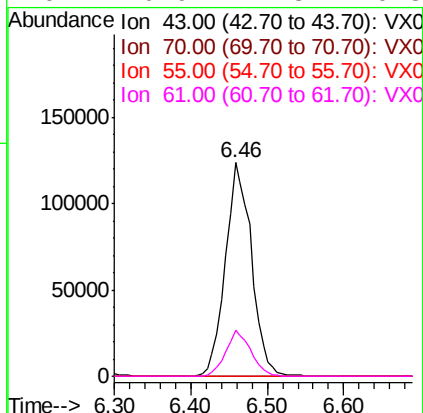
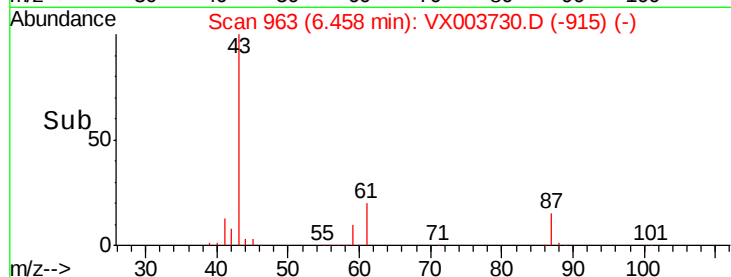
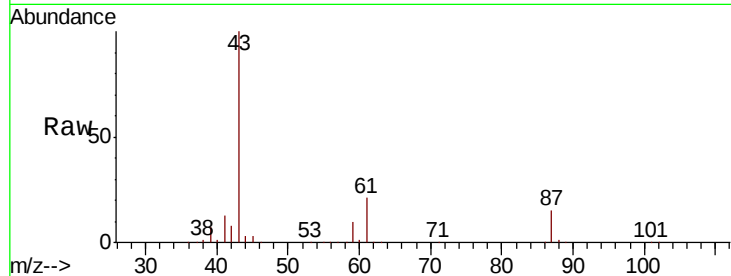
ClientSampleId :

VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 0.0   | 31.0  | 46.6# |
| 55      | 0.0   | 18.9  | 28.3# |
| 61      | 20.9  | 17.8  | 26.8  |

Manual Integrations  
APPROVED

MMDadoda  
8/1/2018 10:40:17 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 154.38 ug/l

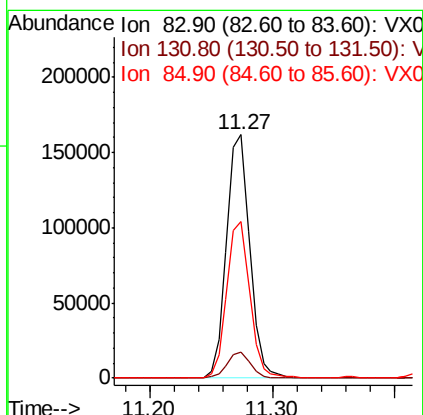
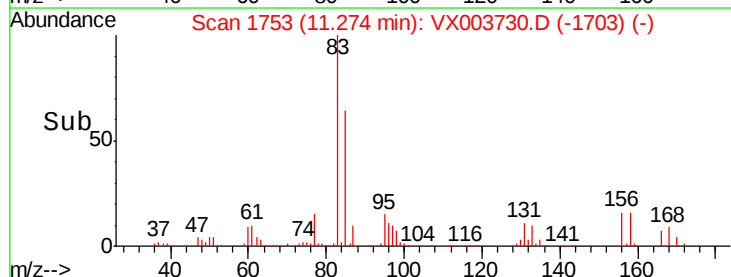
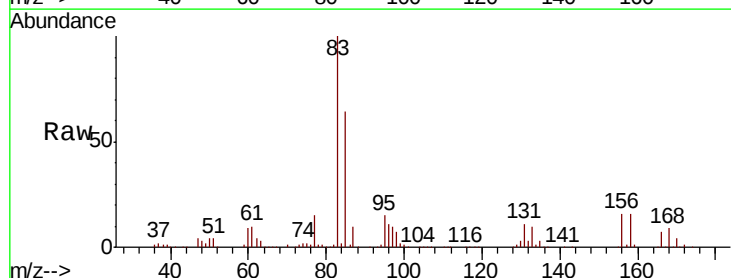
RT: 11.27 min Scan# 1753

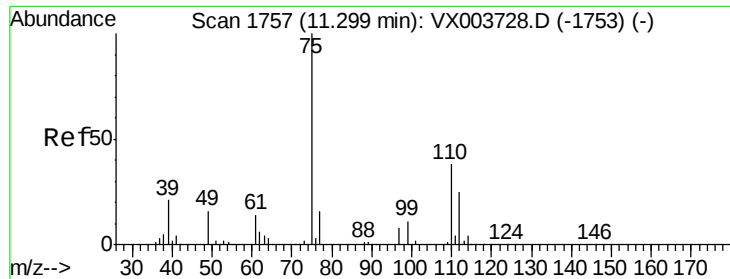
Delta R.T. 0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 10.7  | 5.3   | 15.9  |
| 85      | 64.2  | 32.0  | 96.2  |





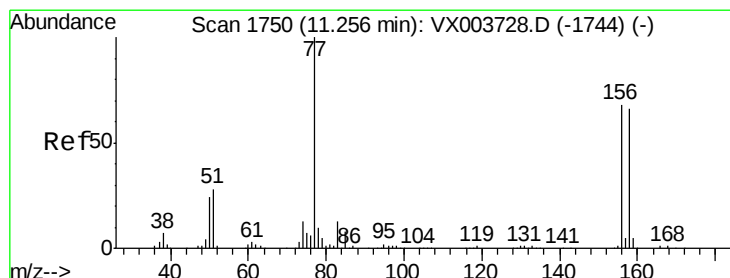
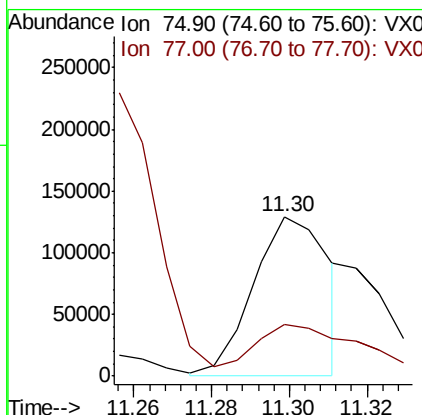
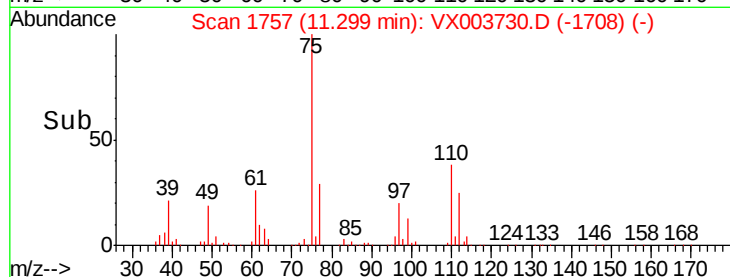
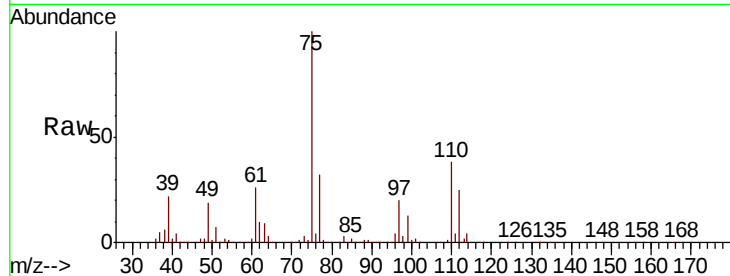
#76  
1,2,3-Trichloropropane  
Concen: 150.27 ug/l m  
RT: 11.30 min Scan# 1757  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tot Ion: 75 Resp: 175692  
Ion Ratio Lower Upper  
75 100  
77 45.4 21.6 65.0

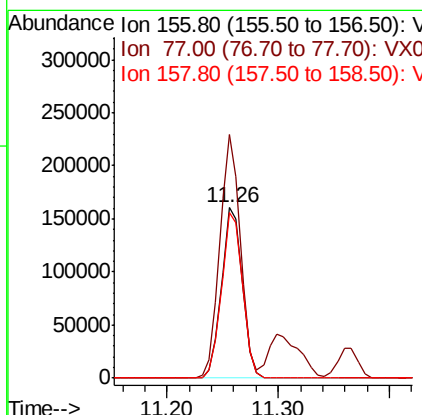
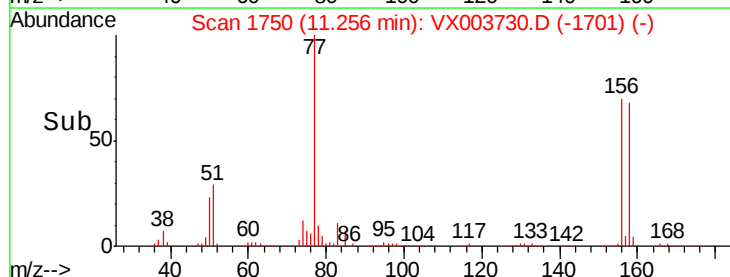
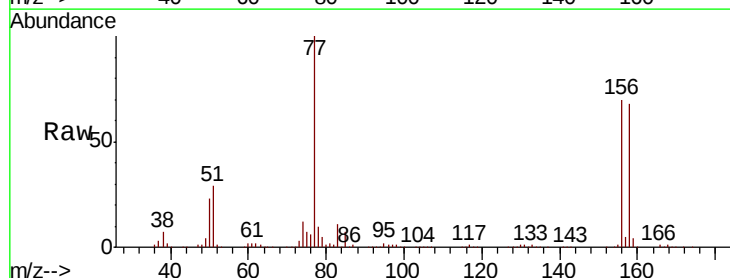
Manual Integrations  
APPROVED

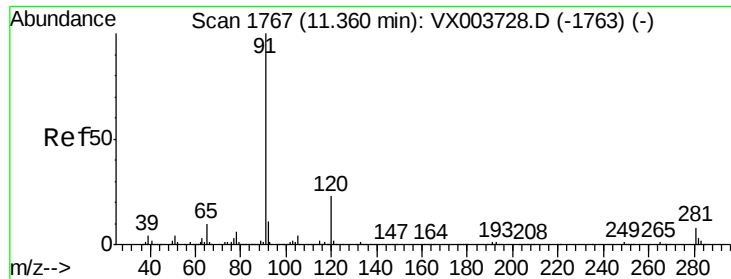
MMDadoda  
8/1/2018 10:40:17 AM



#77  
Bromobenzene  
Concen: 149.64 ug/l  
RT: 11.26 min Scan# 1750  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Tgt Ion: 156 Resp: 207162  
Ion Ratio Lower Upper  
156 100  
77 141.1 71.8 215.3  
158 97.7 48.8 146.4





#78

n-propylbenzene

Concen: 145.55 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 936359

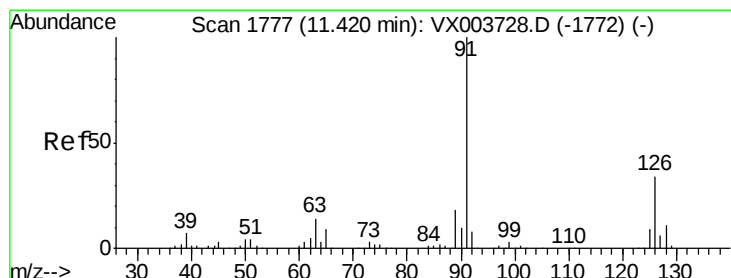
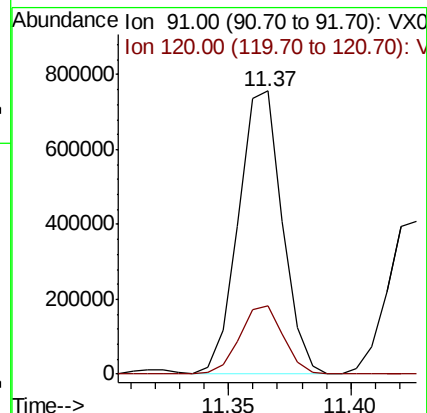
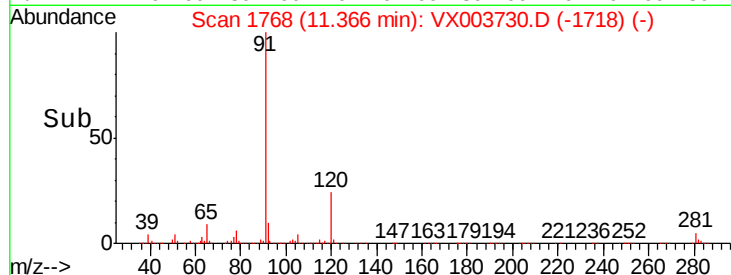
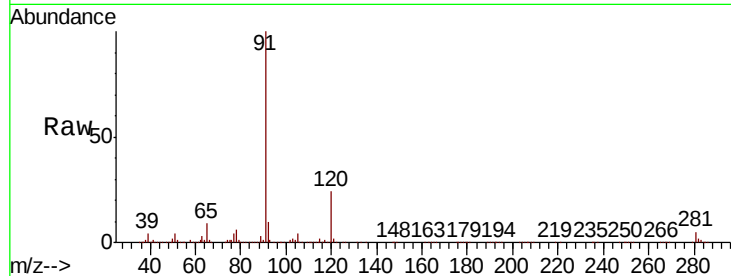
Ion Ratio Lower Upper

91 100

120 24.0 11.9 35.5

Manual Integrations  
APPROVED

MMDadoda  
8/1/2018 10:40:17 AM



#79

2-Chlorotoluene

Concen: 145.49 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.01 min

Lab File: VX003730.D

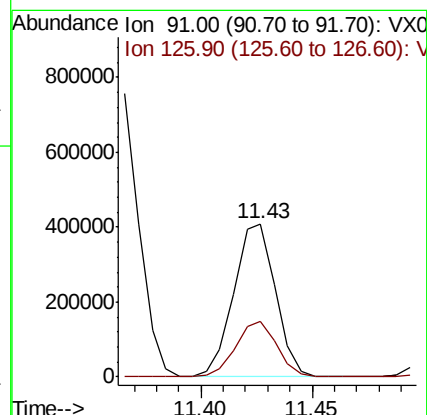
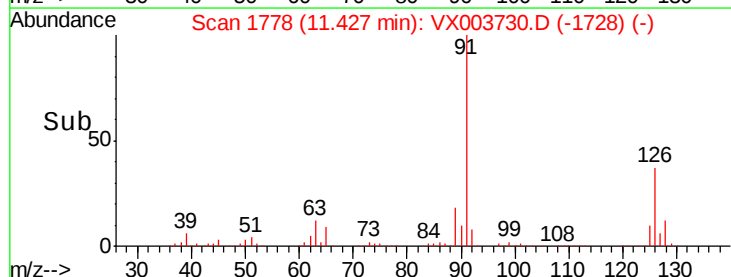
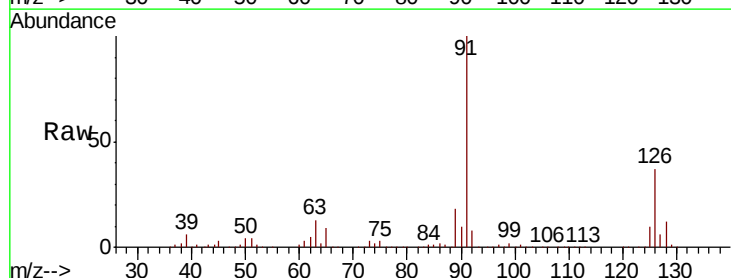
Acq: 30 Jul 2018 18:05

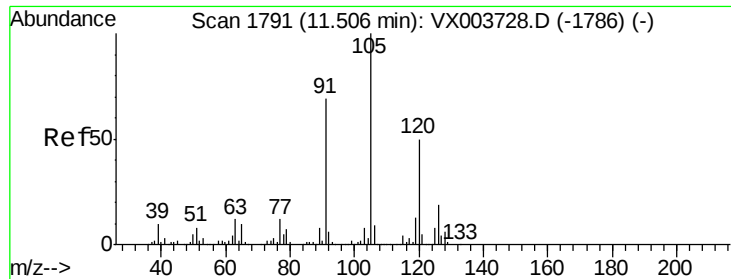
Tgt Ion: 91 Resp: 531396

Ion Ratio Lower Upper

91 100

126 35.7 17.6 52.8





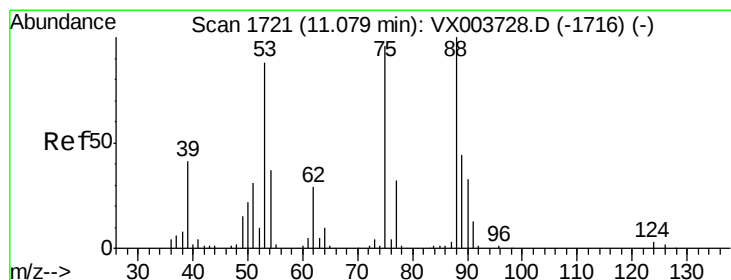
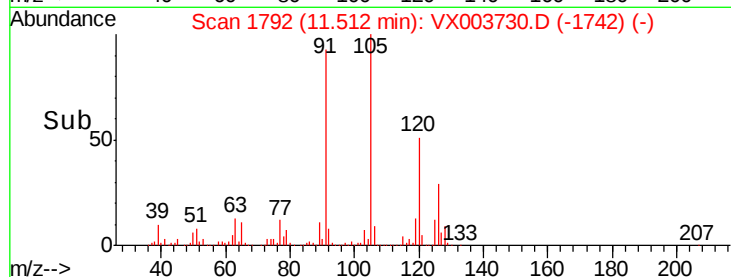
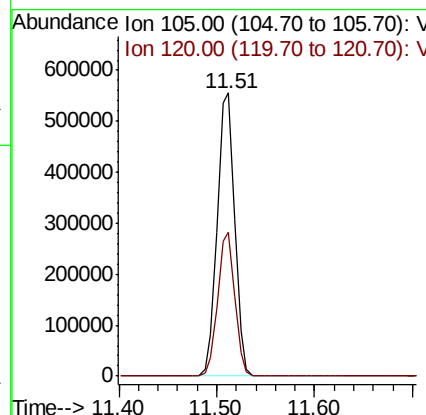
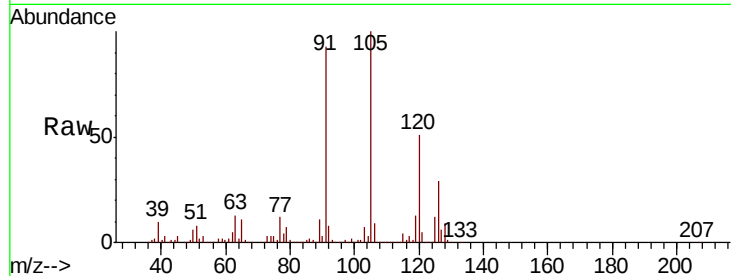
#80  
 1,3,5-Trimethylbenzene  
 Concen: 132.88 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. 0.01 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Tot Ion:105 Resp: 688400  
 Ion Ratio Lower Upper  
 105 100  
 120 49.7 15.8 47.4#

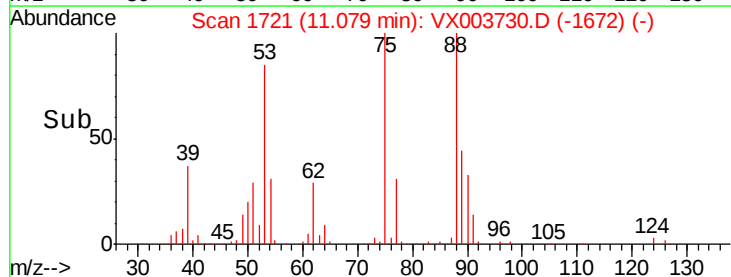
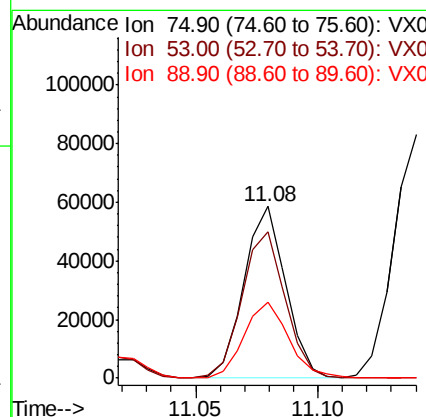
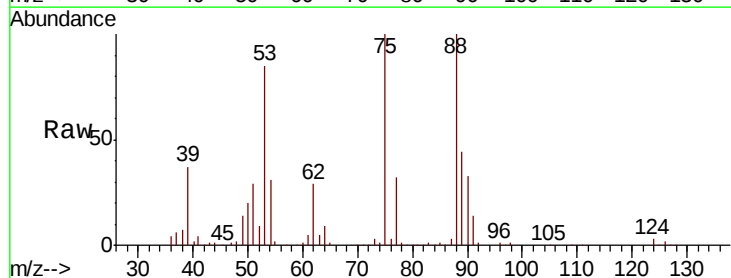
Manual Integrations  
 APPROVED

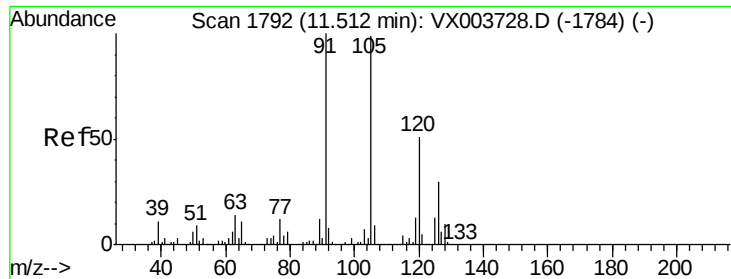
MMDadoda  
 8/1/2018 10:40:17 AM



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 175.56 ug/l  
 RT: 11.08 min Scan# 1721  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

Tgt Ion: 75 Resp: 69297  
 Ion Ratio Lower Upper  
 75 100  
 53 88.1 75.8 113.8  
 89 47.2 39.1 58.7





#82

4-Chlorotoluene

Concen: 145.53 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 644714

Ion Ratio Lower Upper

91 100

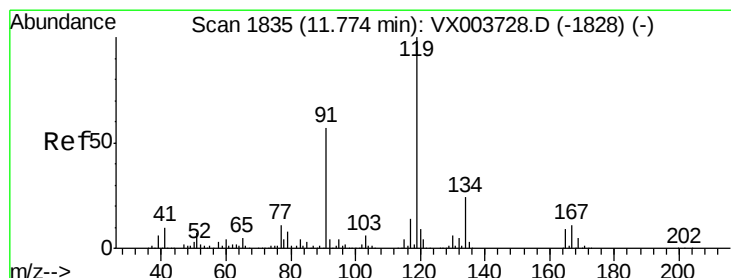
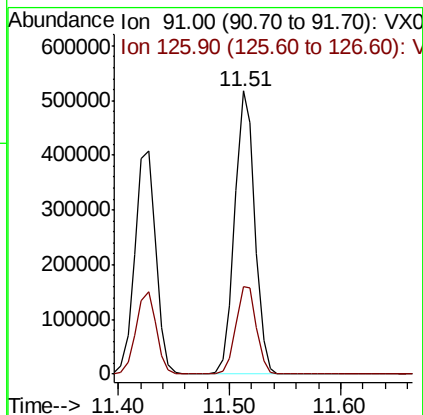
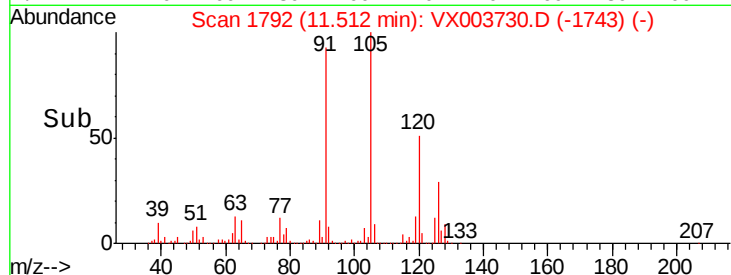
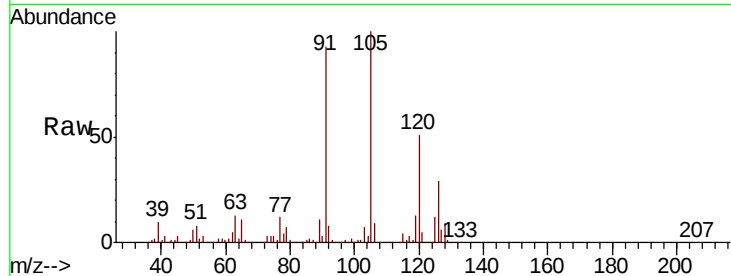
126 31.7 15.6 46.7

Manual Integrations

APPROVED

MMDadoda

8/1/2018 10:40:17 AM



#83

tert-Butylbenzene

Concen: 153.50 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

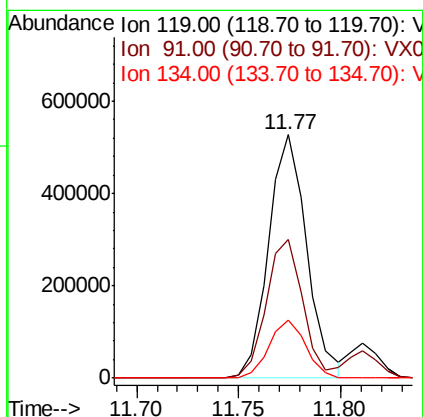
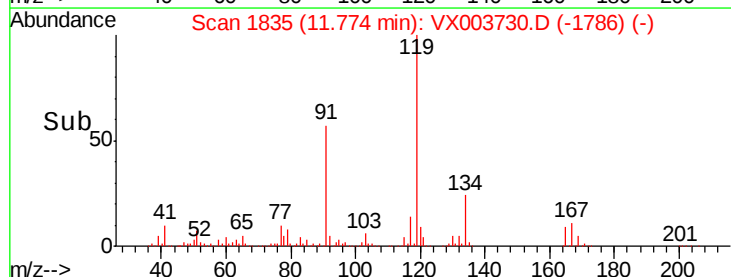
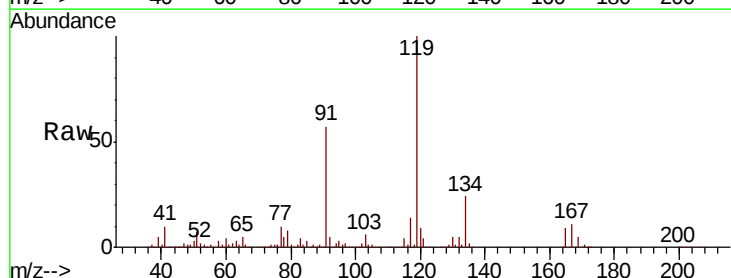
Tgt Ion: 119 Resp: 688171

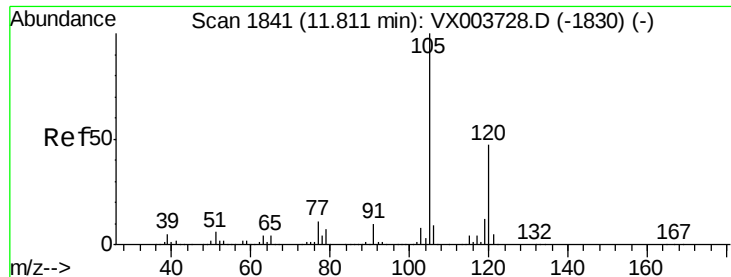
Ion Ratio Lower Upper

119 100

91 54.5 27.2 81.6

134 22.9 11.6 34.8





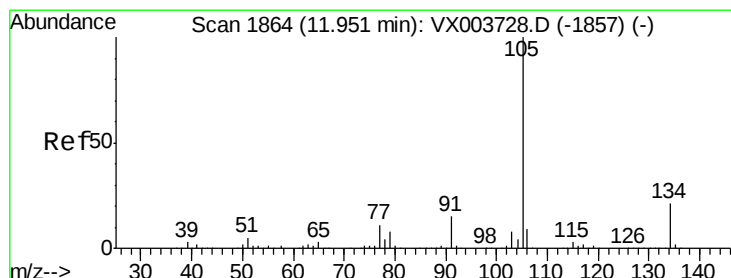
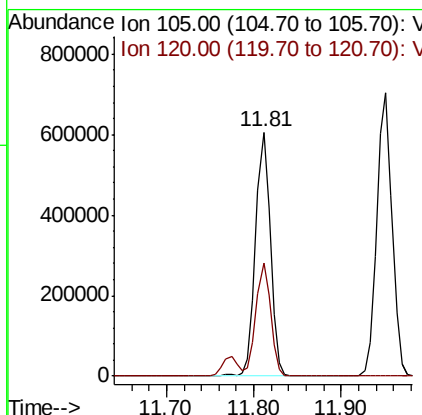
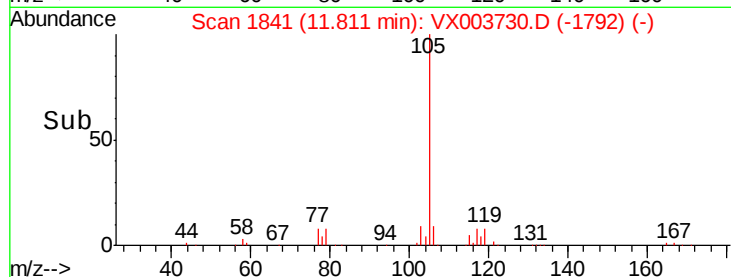
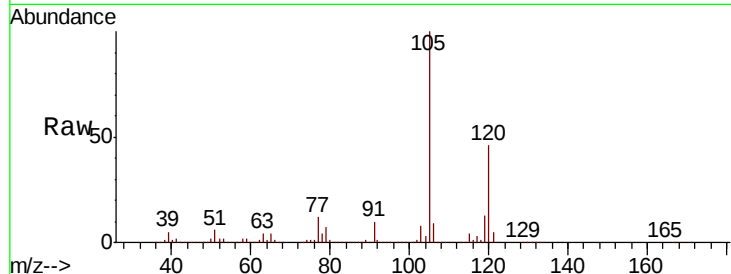
#84  
1,2,4-Trimethylbenzene  
Concen: 150.95 ug/l  
RT: 11.81 min Scan# 1841  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.1  | 23.1  | 69.2  |

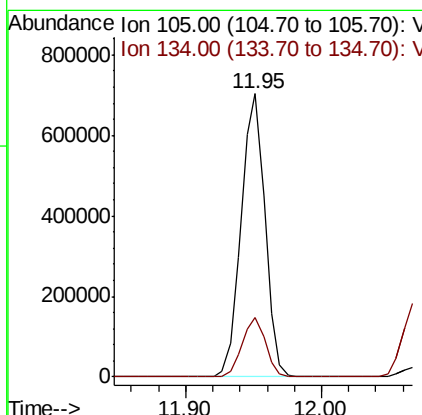
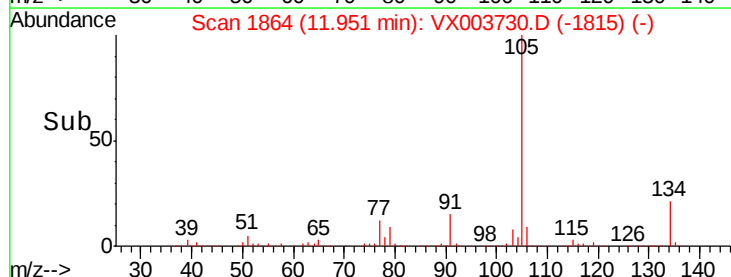
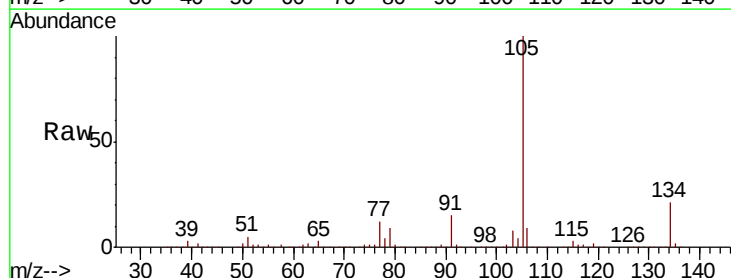
Manual Integrations  
APPROVED

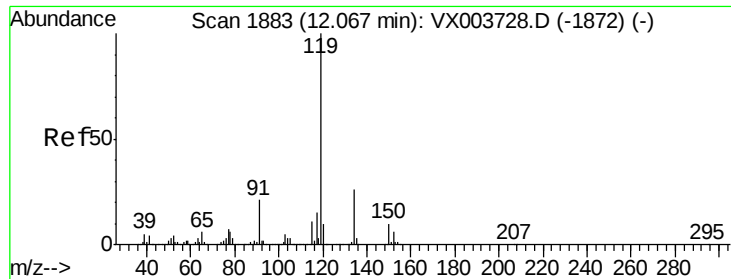
MMDadoda  
8/1/2018 10:40:17 AM



#85  
sec-Butylbenzene  
Concen: 149.59 ug/l  
RT: 11.95 min Scan# 1864  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.6  | 10.3  | 30.8  |





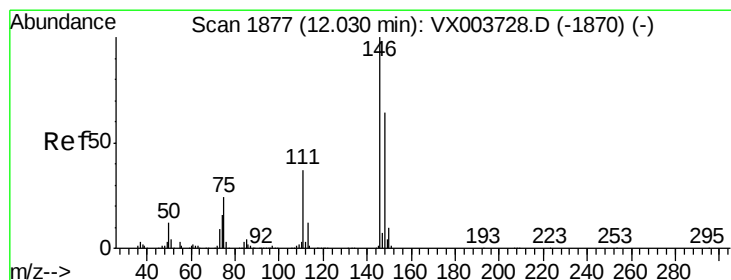
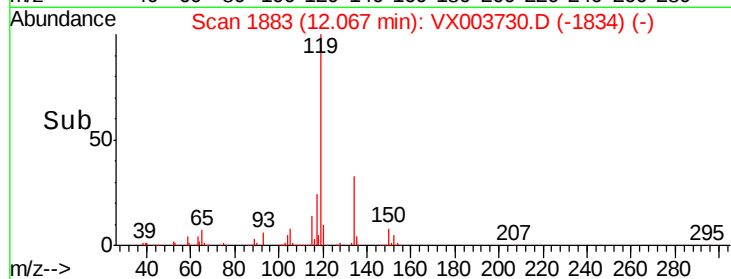
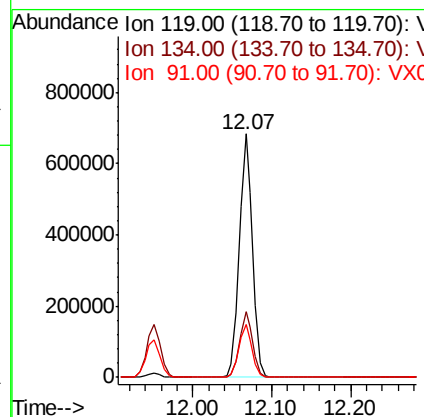
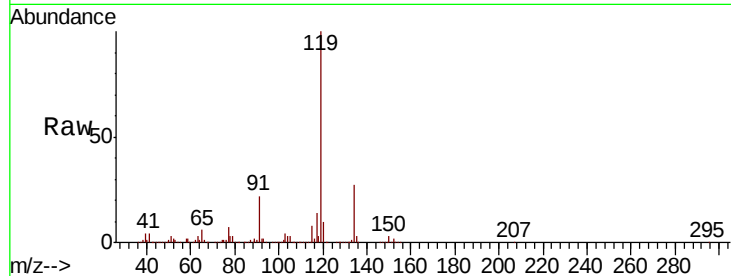
#86  
 p-Isopropyltoluene  
 Concen: 171.78 ug/l  
 RT: 12.07 min Scan# 1883  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 789993 |       |       |
| 134     | 26.7  | 10.1   | 30.1  |       |
| 91      | 21.8  | 23.6   | 70.8  |       |

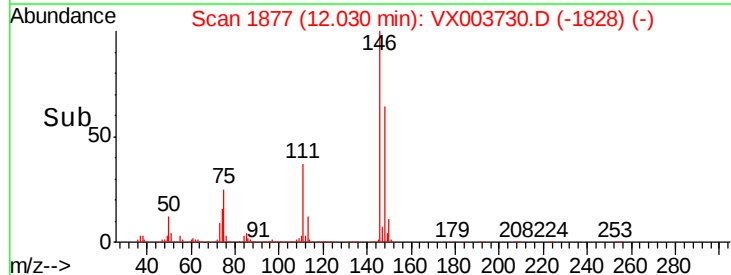
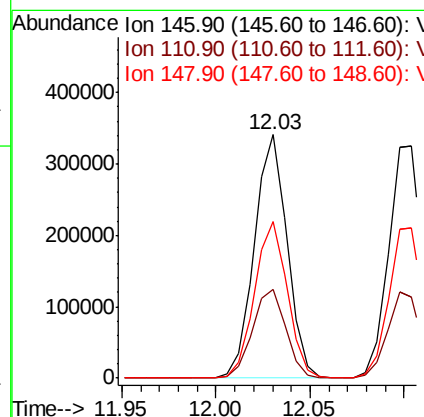
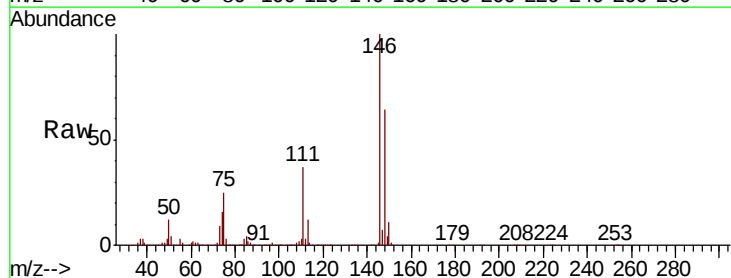
Manual Integrations  
 APPROVED

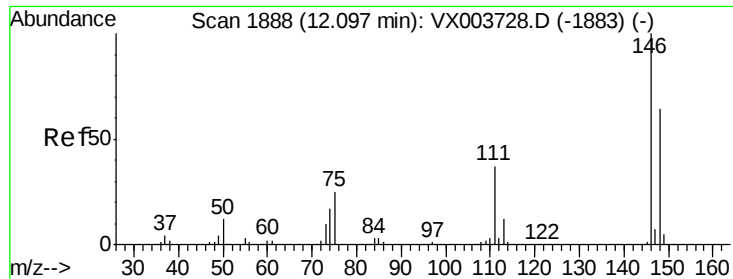
MMDadoda  
 8/1/2018 10:40:17 AM



#87  
 1,3-Dichlorobenzene  
 Concen: 146.51 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 410316 |       |       |
| 111     | 37.4  | 18.8   | 56.3  |       |
| 148     | 64.3  | 31.9   | 95.9  |       |





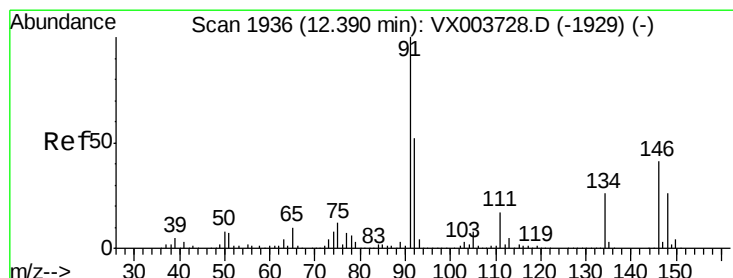
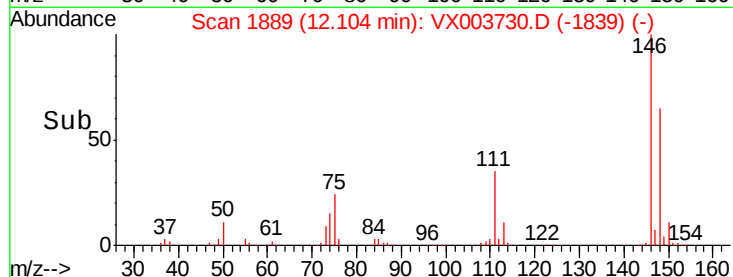
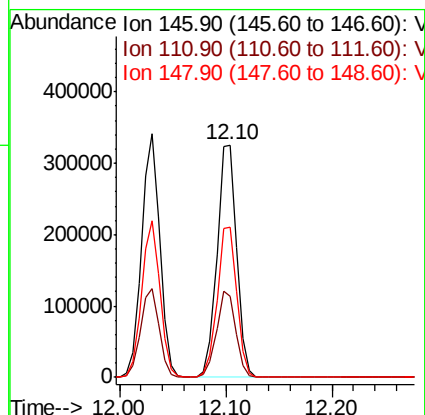
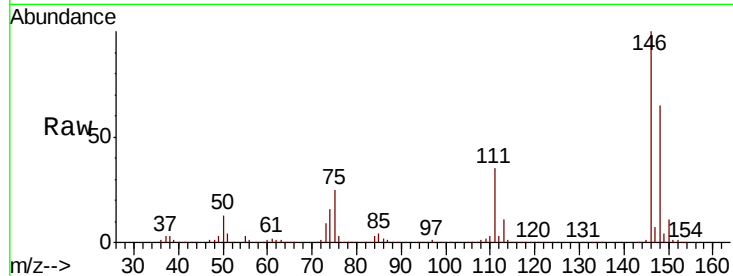
#88  
1,4-Dichlorobenzene  
Concen: 145.06 ug/l  
RT: 12.10 min Scan# 1889  
Delta R.T. 0.01 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.3  | 18.3  | 54.9  |
| 148     | 64.5  | 32.0  | 96.2  |

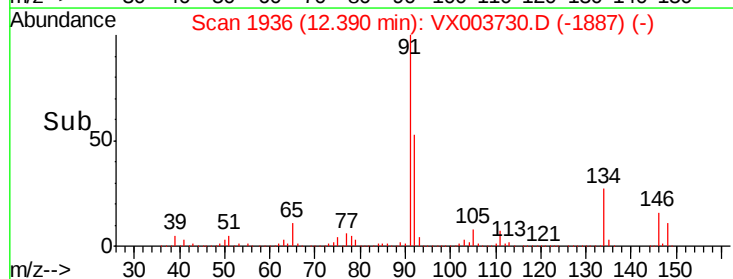
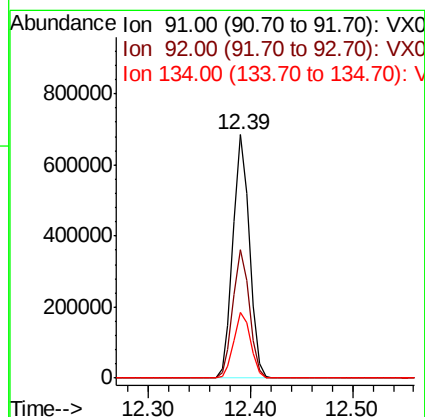
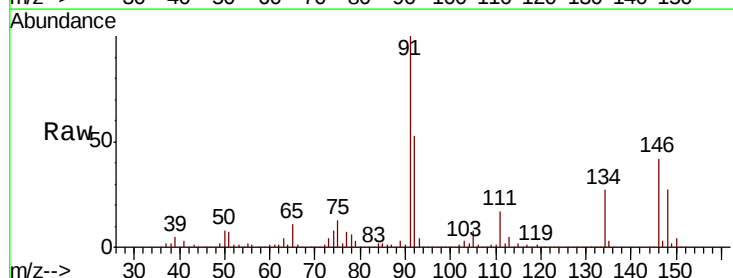
Manual Integrations  
APPROVED

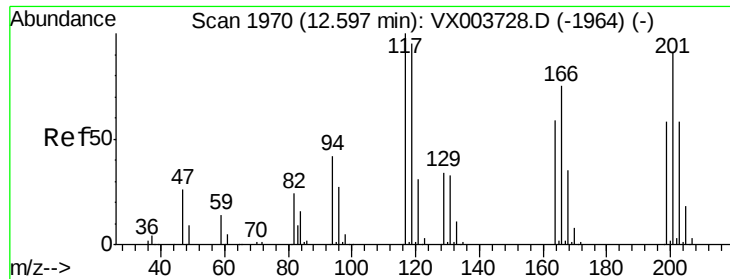
MMDadoda  
8/1/2018 10:40:17 AM



#89  
n-Butylbenzene  
Concen: 153.21 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.0  | 26.2  | 78.5  |
| 134     | 27.5  | 13.6  | 40.7  |





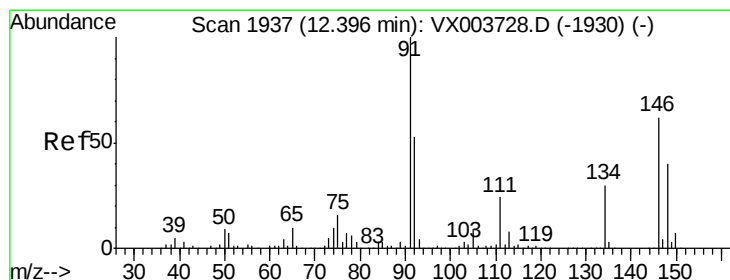
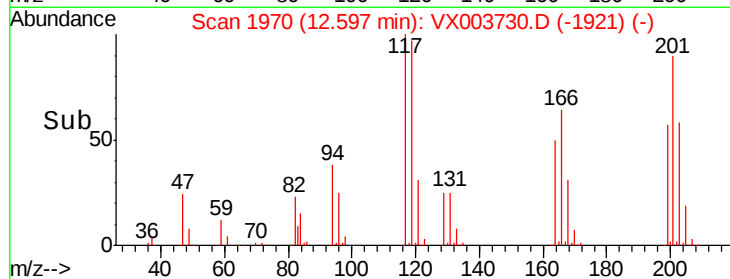
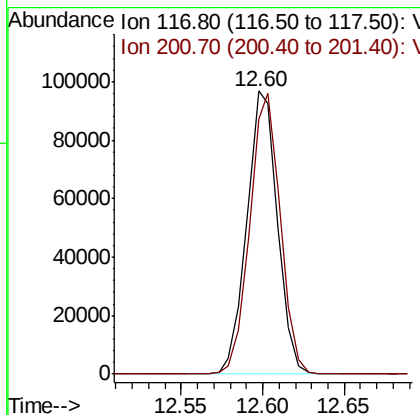
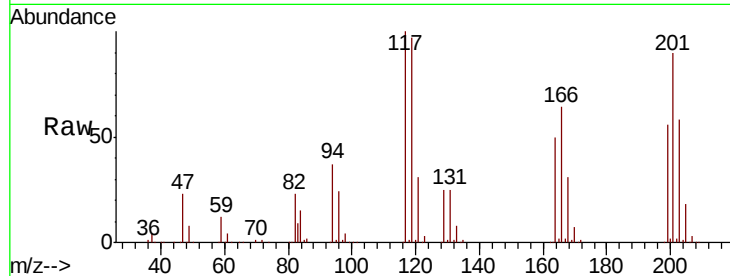
#90  
Hexachloroethane  
Concen: 163.82 ug/l  
RT: 12.60 min Scan# 1970  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 98.1  | 49.3  | 147.8 |

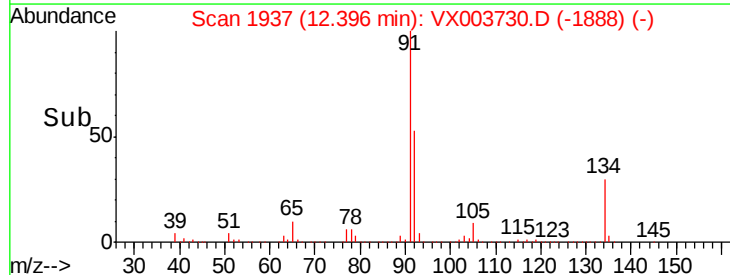
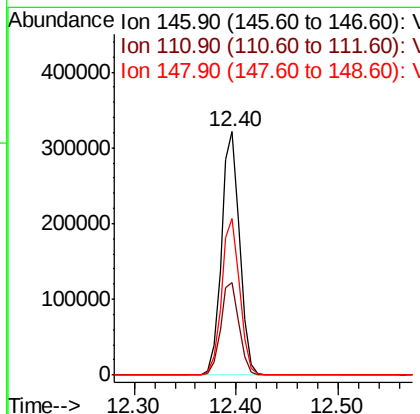
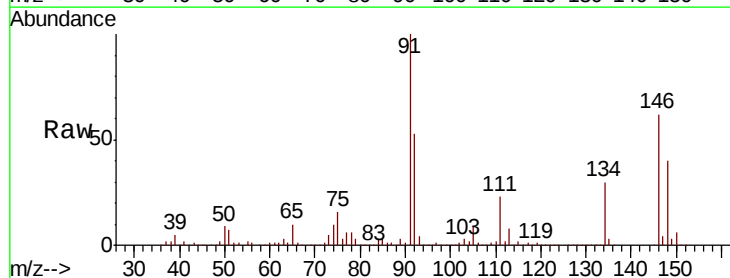
Manual Integrations  
APPROVED

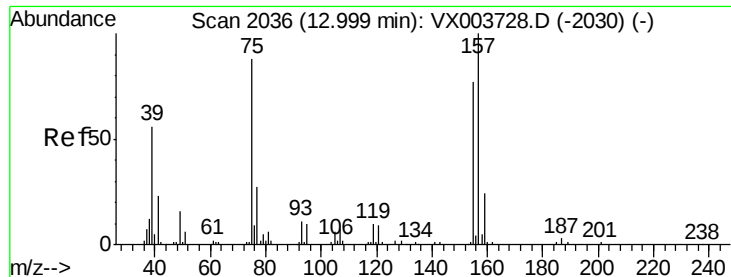
MMDadoda  
8/1/2018 10:40:17 AM



#91  
1,2-Dichlorobenzene  
Concen: 151.99 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VX003730.D  
Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.6  | 19.4  | 58.4  |
| 148     | 64.2  | 32.0  | 96.0  |





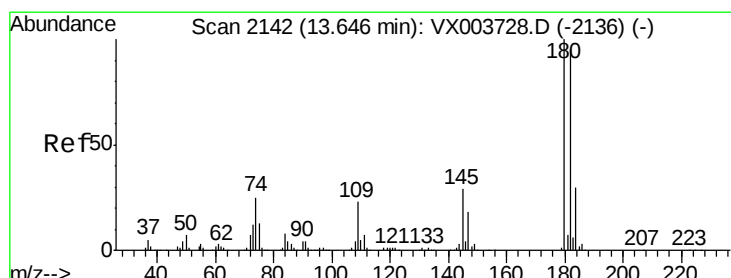
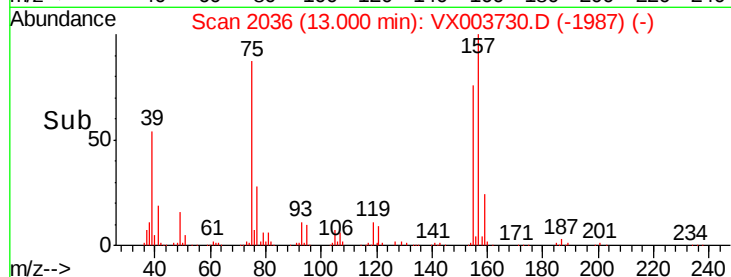
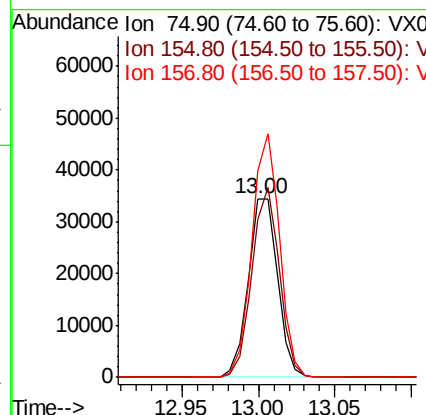
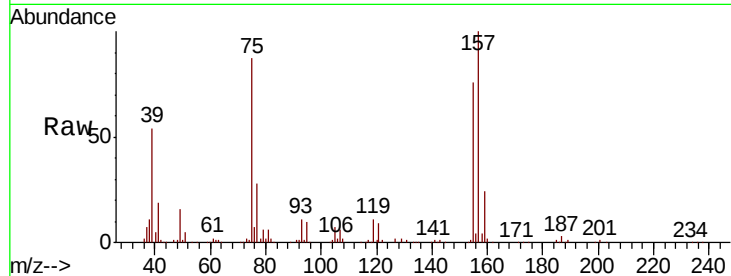
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 167.18 ug/l  
 RT: 13.00 min Scan# 2036  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 99.1  | 48.9  | 146.7 |
| 157     | 128.1 | 63.7  | 191.1 |

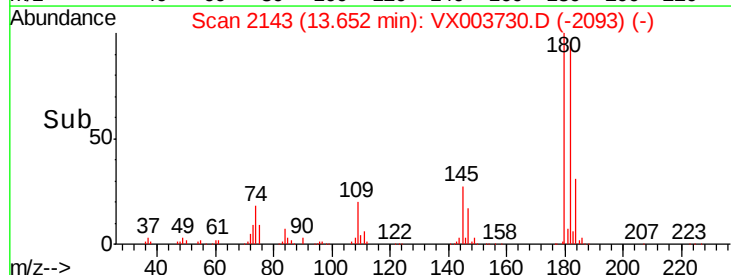
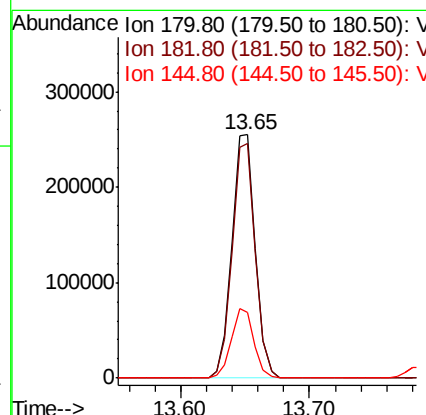
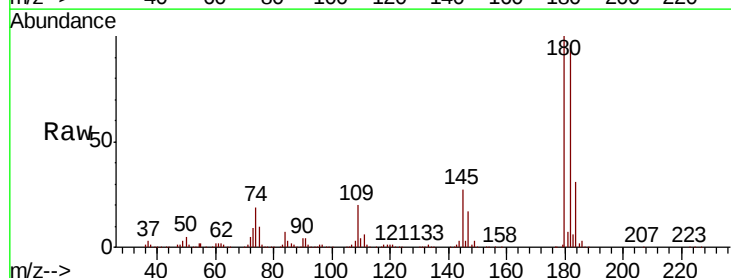
Manual Integrations  
 APPROVED

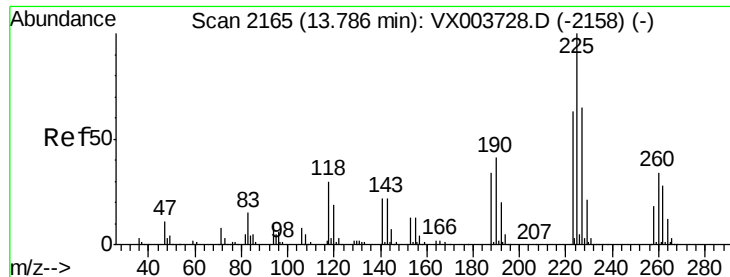
MMDadoda  
 8/1/2018 10:40:17 AM



#93  
 1,2,4-Trichlorobenzene  
 Concen: 156.65 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. 0.01 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 47.6  | 142.9 |
| 145     | 27.9  | 14.1  | 42.2  |





#94

Hexachlorobutadiene

Concen: 153.52 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

Instrument :

MSVOA\_X

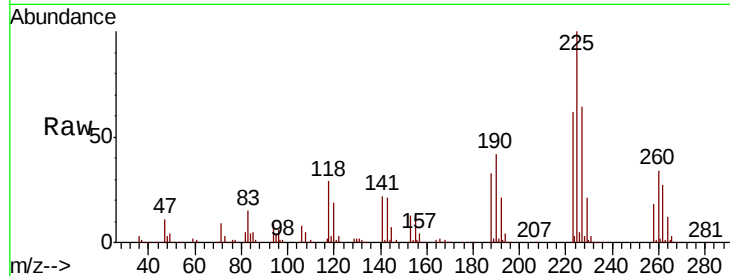
ClientSampled :

VSTDIC150

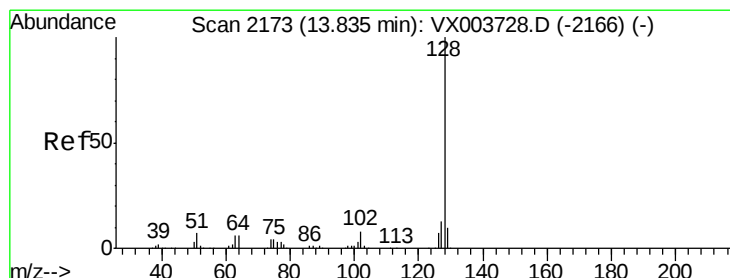
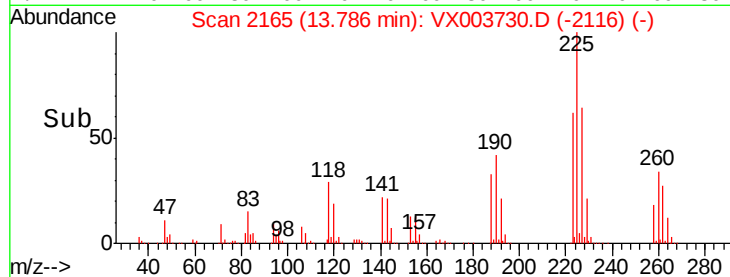
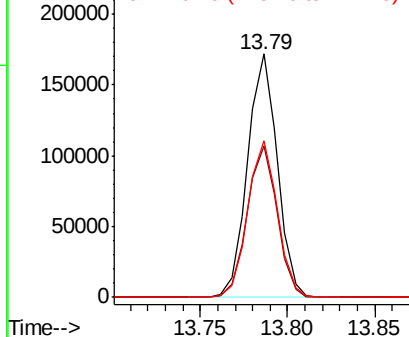
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 225   | Resp: | 203121 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.5  | 31.1  | 93.5   |
| 227       | 64.2  | 31.9  | 95.9   |

Manual Integrations  
APPROVED

MMDadoda  
8/1/2018 10:40:17 AM



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 166.59 ug/l

RT: 13.83 min Scan# 2173

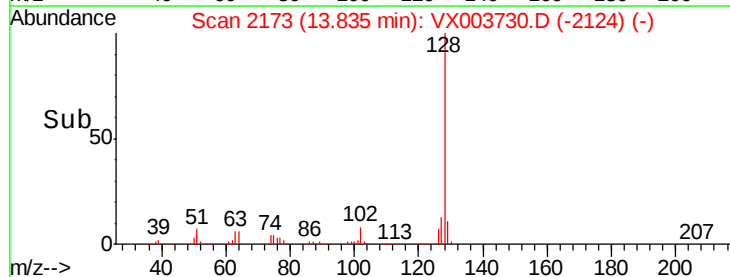
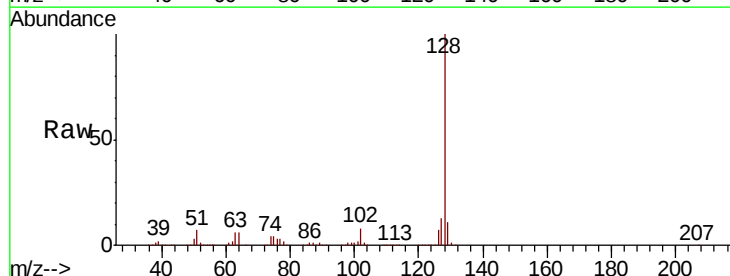
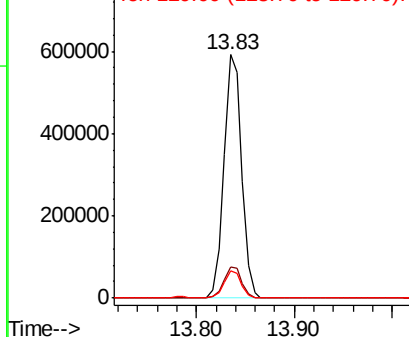
Delta R.T. 0.00 min

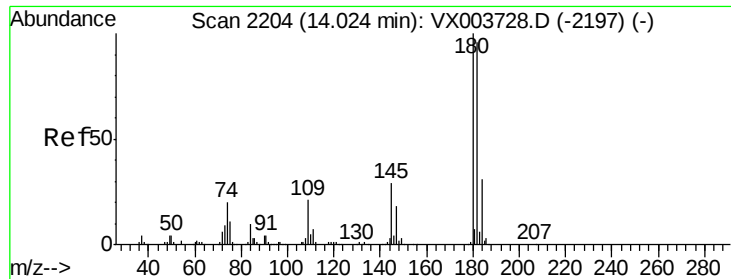
Lab File: VX003730.D

Acq: 30 Jul 2018 18:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 736510 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.7  | 10.2  | 15.2   |
| 129       | 11.0  | 8.7   | 13.1   |

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





#96  
 1,2,3-Trichlorobenzene  
 Concen: 159.14 ug/l  
 RT: 14.02 min Scan# 2204  
 Delta R.T. 0.00 min  
 Lab File: VX003730.D  
 Acq: 30 Jul 2018 18:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 298867 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.8  | 47.9  | 143.8  |
| 145       | 29.4  | 14.7  | 44.1   |

Manual Integrations  
 APPROVED

MMDadoda  
 8/1/2018 10:40:17 AM

