

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020719\  
 Data File : VX007417.D  
 Acq On : 07 Feb 2019 11:36  
 Operator : JC/SP  
 Sample : VX0207WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0207WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 2/11/2019 12:27:54 PM

Quant Time: Feb 08 22:12:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 02 01:32:36 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 482976   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 709034   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 655871   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 331229   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65   | 249931   | 48.75 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 97.50% |          |
| 35) Dibromofluoromethane    | 5.50   | 113  | 225111   | 48.79 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 97.58% |          |
| 50) Toluene-d8              | 8.71   | 98   | 836039   | 48.84 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 97.68% |          |
| 62) 4-Bromofluorobenzene    | 11.13  | 95   | 296173   | 47.39 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 94.78% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 119584   | 20.255  | ug/l  | 96     |
| 3) Chloromethane              | 1.33 | 50   | 107600   | 19.779  | ug/l  | 100    |
| 4) Vinyl Chloride             | 1.41 | 62   | 108676   | 20.363  | ug/l  | 100    |
| 5) Bromomethane               | 1.64 | 94   | 110032   | 20.563  | ug/l  | 96     |
| 6) Chloroethane               | 1.73 | 64   | 68840    | 19.940  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 168658   | 20.202  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.19 | 74   | 63297    | 20.143  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 98324    | 19.799  | ug/l  | 98     |
| 10) Methyl Iodide             | 2.51 | 142  | 134573   | 18.421  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59   | 123135   | 116.065 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 89966    | 19.509  | ug/l  | 96     |
| 13) Acrolein                  | 2.30 | 56   | 55527    | 111.614 | ug/l  | 97     |
| 14) Allyl chloride            | 2.73 | 41   | 152641   | 20.315  | ug/l  | 99     |
| 15) Acrylonitrile             | 3.15 | 53   | 278241   | 106.018 | ug/l  | 99     |
| 16) Acetone                   | 2.45 | 43   | 259455   | 110.488 | ug/l  | 99     |
| 17) Carbon Disulfide          | 2.57 | 76   | 212265   | 18.977  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 144747   | 23.970  | ug/l  | 97     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 303812   | 20.336  | ug/l  | 100    |
| 20) Methylene Chloride        | 2.86 | 84   | 102300   | 21.101  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 95152    | 19.370  | ug/l  | 97     |
| 22) Diisopropyl ether         | 3.87 | 45   | 281781   | 20.388  | ug/l  | 97     |
| 23) Vinyl Acetate             | 3.82 | 43   | 1172295  | 102.214 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 160480   | 20.219  | ug/l  | 99     |
| 25) 2-Butanone                | 4.70 | 43   | 361577   | 108.196 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 120710   | 19.970  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96   | 102882   | 19.175  | ug/l  | 99     |
| 28) Bromochloromethane        | 5.02 | 49   | 72179    | 19.775  | ug/l  | 98     |
| 29) Tetrahydrofuran           | 5.15 | 42   | 231426   | 110.108 | ug/l  | 99     |
| 30) Chloroform                | 5.21 | 83   | 167295   | 20.199  | ug/l  | 98     |
| 31) Cyclohexane               | 5.57 | 56   | 136085   | 19.090  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 141907   | 20.298  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 120544   | 18.948  | ug/l  | 100    |
| 37) Ethyl Acetate             | 4.85 | 43   | 131104   | 20.387  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 124009   | 20.093  | ug/l  | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020719\  
 Data File : VX007417.D  
 Acq On : 07 Feb 2019 11:36  
 Operator : JC/SP  
 Sample : VX0207WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0207WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 2/11/2019 12:27:54 PM

Quant Time: Feb 08 22:12:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 02 01:32:36 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 148233   | 19.258  | ug/l   | 100      |
| 40) Benzene                    | 6.14  | 78   | 375126   | 20.018  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.06  | 41   | 72700    | 21.093  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 129612   | 19.990  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 207274   | 20.881  | ug/l   | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 106734   | 18.911  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 93998    | 20.020  | ug/l   | 100      |
| 46) Dibromomethane             | 7.66  | 93   | 65633    | 19.233  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 112408   | 19.436  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 106980   | 21.547  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 52415    | 467.886 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 701249   | 107.315 | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 241571   | 19.980  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 122294   | 19.686  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 139598   | 20.434  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 102384   | 20.315  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 143673   | 20.582  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 160051   | 19.969  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 382227   | 103.888 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 543234   | 106.832 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 95670    | 20.071  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 110665   | 20.734  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 113250   | 18.320  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 276463   | 19.316  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 97486    | 20.316  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 454624   | 19.725  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 356732   | 38.936  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 174283   | 19.769  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 280734   | 19.635  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 70072    | 19.337  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 470734   | 20.913  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 179026   | 20.563  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 148920   | 21.709  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 122632m  | 19.034  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 127522   | 20.108  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 513314   | 20.797  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 304736   | 20.347  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 377979   | 20.526  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 38399    | 21.092  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 348433   | 20.106  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 371800   | 20.393  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 393045   | 21.024  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 454866   | 20.614  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 403451   | 20.254  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 222096   | 19.513  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 225428   | 19.522  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 333121   | 19.441  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 58952    | 19.775  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 222870   | 19.676  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 29518    | 20.695  | ug/l   | 99       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020719\  
Data File : VX007417.D  
Acq On : 07 Feb 2019 11:36  
Operator : JC/SP  
Sample : VX0207WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

Manual Integrations  
APPROVED

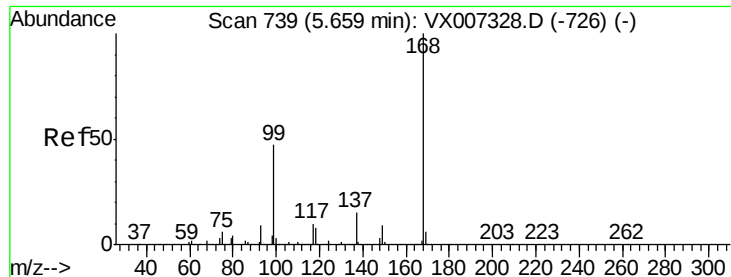
MMDadoda  
2/11/2019 12:27:54 PM

Quant Time: Feb 08 22:12:01 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
Quant Title : SW846 8260  
QLast Update : Sat Feb 02 01:32:36 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 148858   | 19.487 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 71472    | 19.269 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 456406   | 20.432 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 149116   | 19.393 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampleId :

VX0207WBS01

Tot Ion:168 Resp: 482976

Ion Ratio Lower Upper

168 100

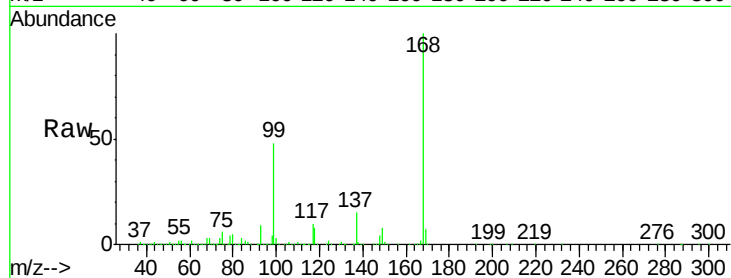
99 48.3 37.9 56.9

Manual Integrations

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2/11/2019 12:27:54 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

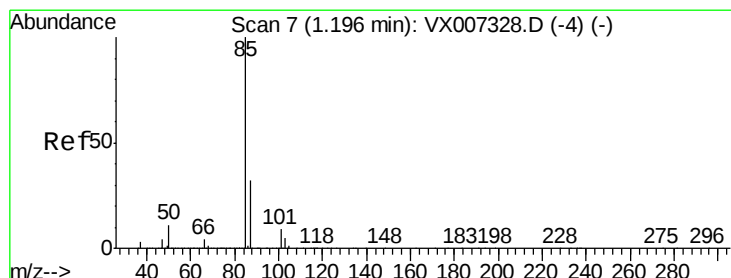
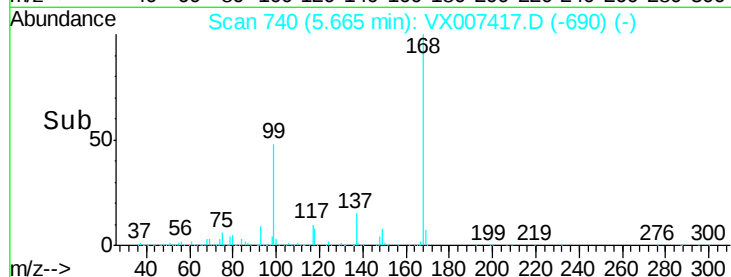
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.255 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007417.D

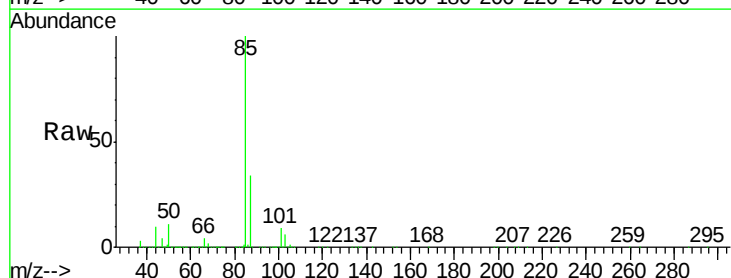
Acq: 07 Feb 2019 11:36

Tgt Ion: 85 Resp: 119584

Ion Ratio Lower Upper

85 100

87 33.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

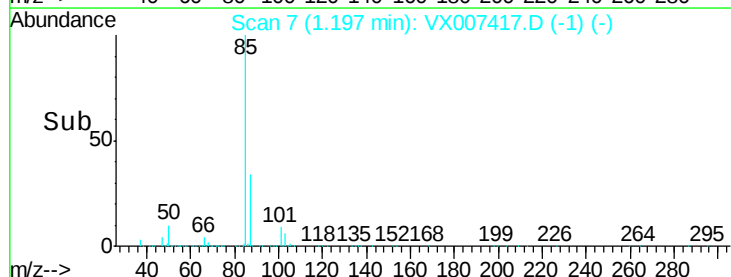
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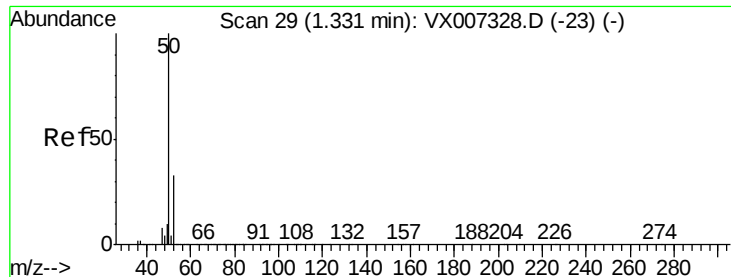
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0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.779 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampleId :

VX0207WBS01

Tot Ion: 50 Resp: 107600

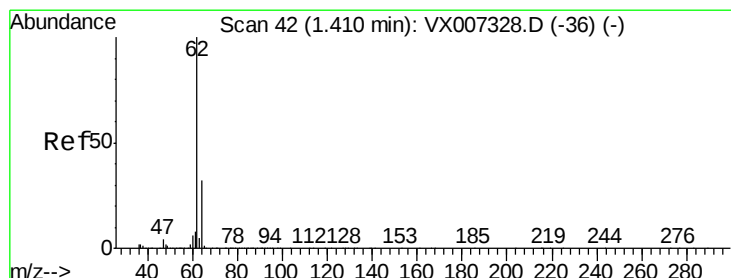
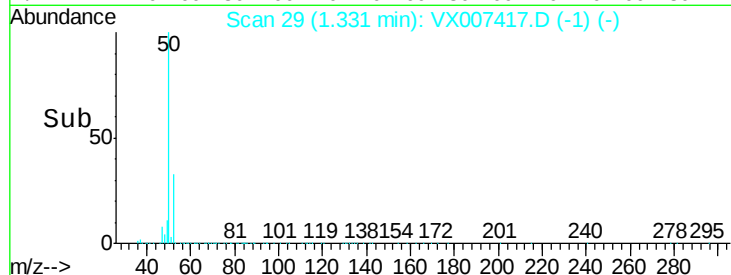
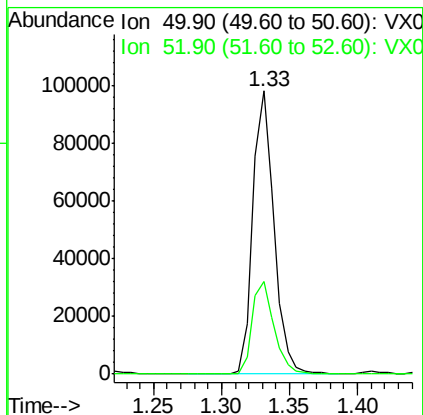
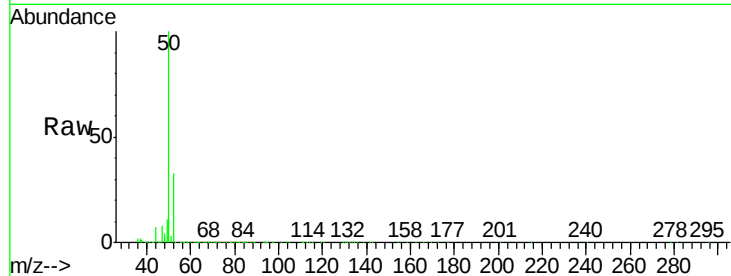
Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1

Manual Integrations  
APPROVED

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2/11/2019 12:27:54 PM



#4

Vinyl Chloride

Concen: 20.363 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007417.D

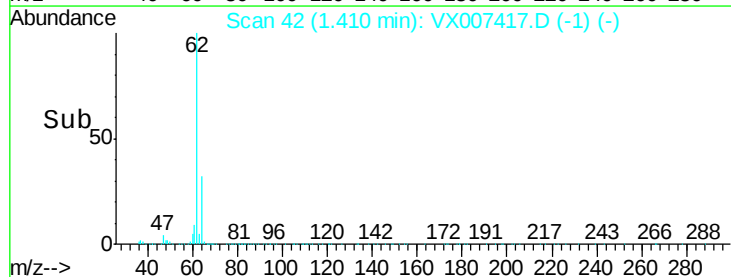
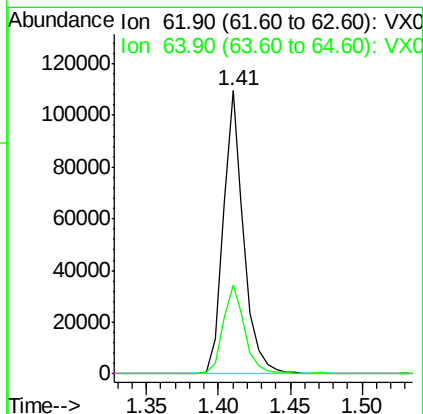
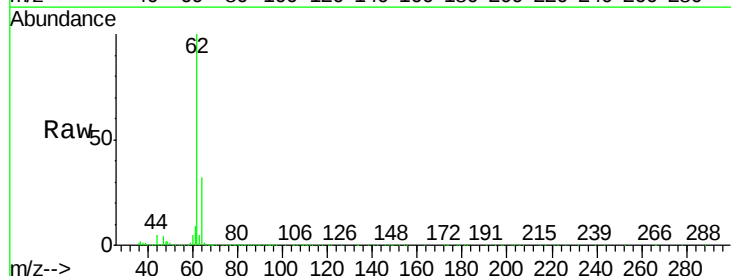
Acq: 07 Feb 2019 11:36

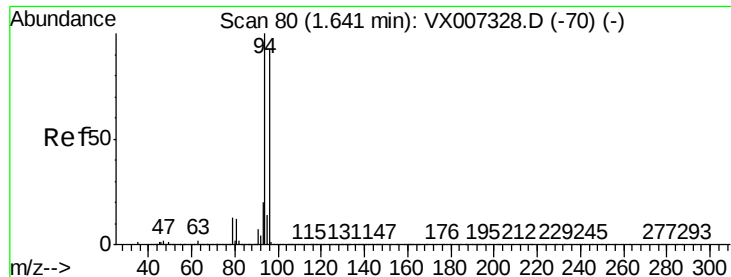
Tgt Ion: 62 Resp: 108676

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 20.563 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampled :

VX0207WBS01

Tot Ion: 94 Resp: 110032

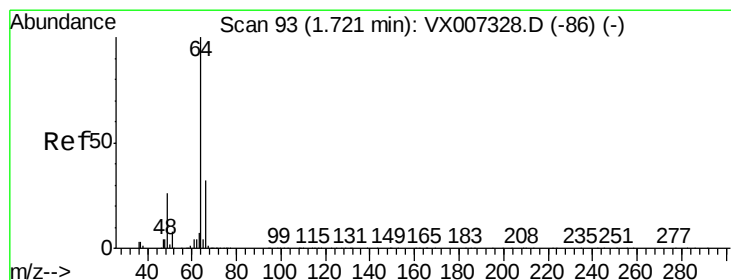
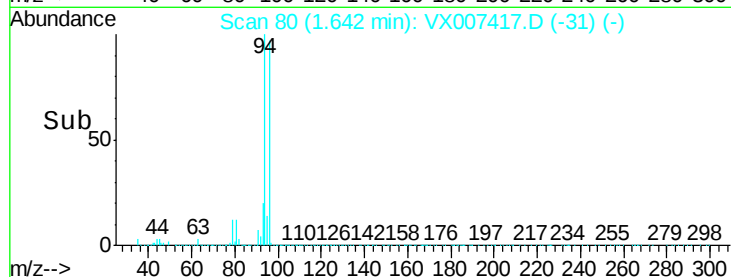
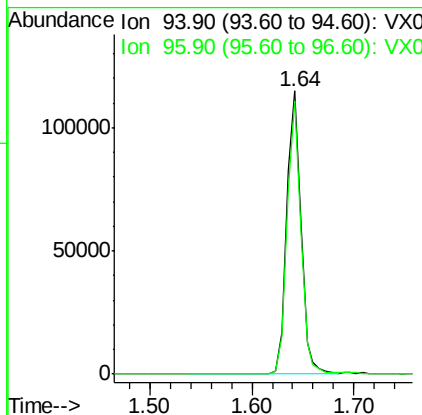
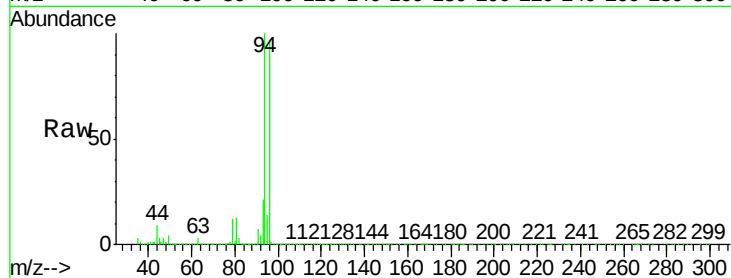
Ion Ratio Lower Upper

94 100

96 96.5 73.9 110.9

Manual Integrations  
APPROVED

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2/11/2019 12:27:54 PM



#6

Chloroethane

Concen: 19.940 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007417.D

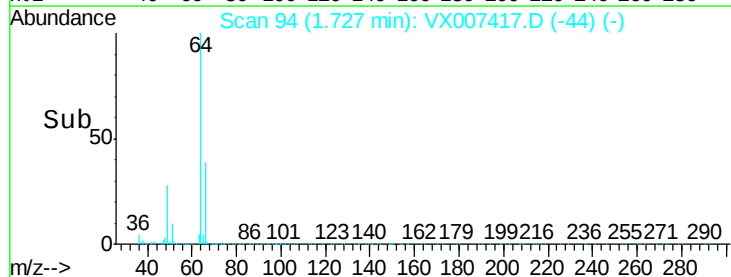
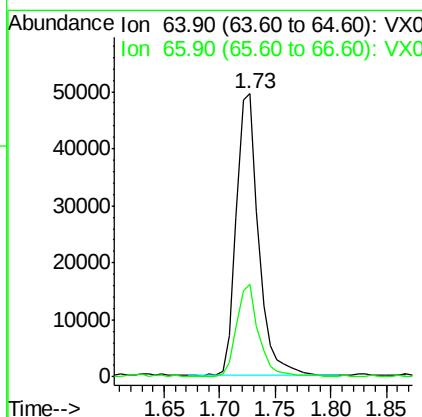
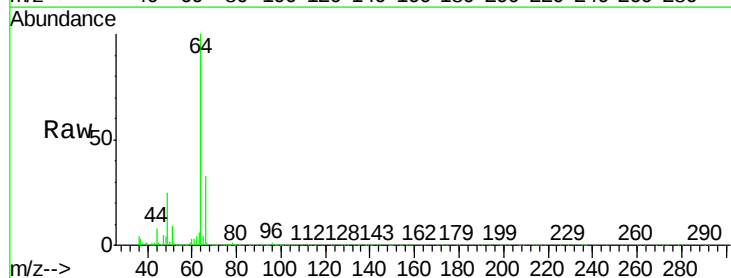
Acq: 07 Feb 2019 11:36

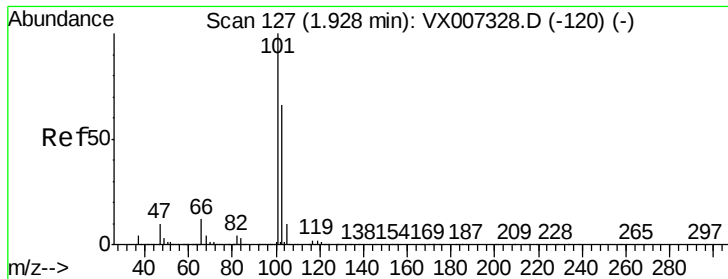
Tgt Ion: 64 Resp: 68840

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

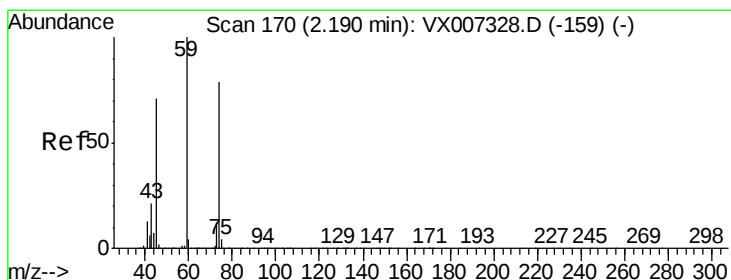
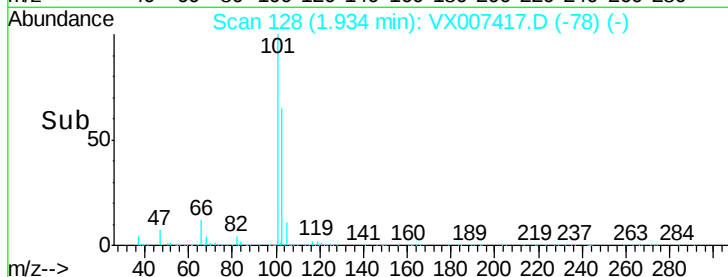
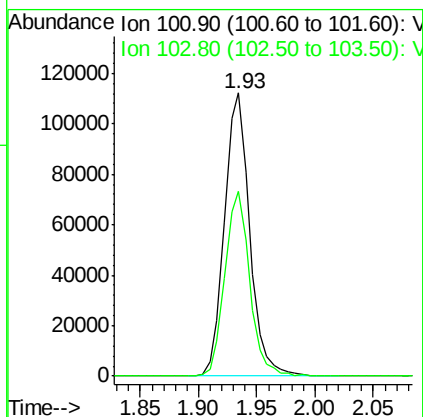
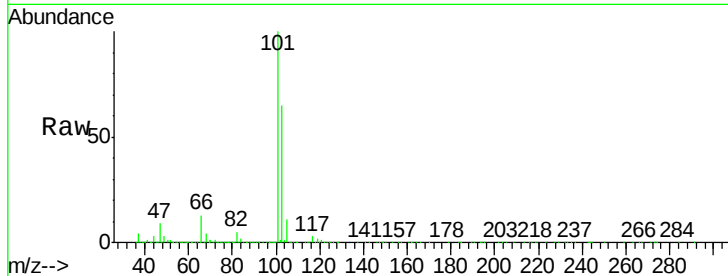
Trichlorofluoromethane  
Concen: 20.202 ug/l  
RT: 1.93 min Scan# 128  
Delta R.T. 0.01 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.3  | 52.6  | 79.0  |

Manual Integrations  
APPROVED

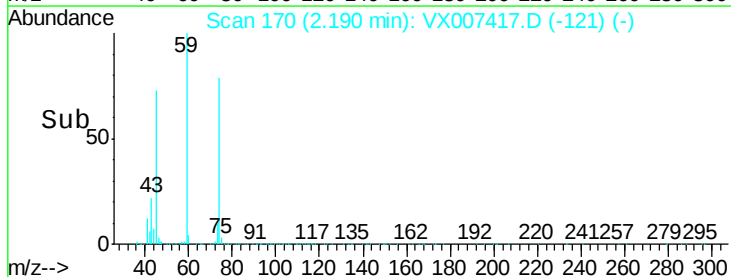
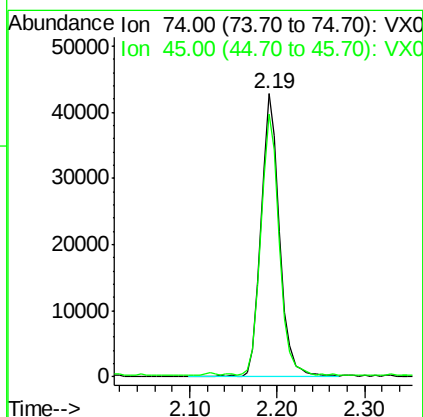
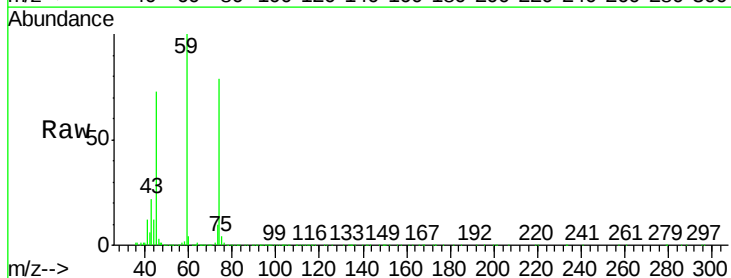
MMDadoda  
2/11/2019 12:27:54 PM

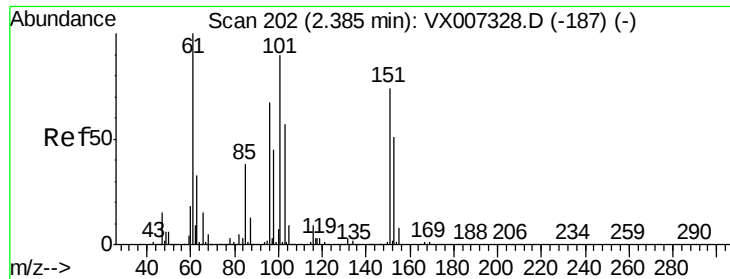


#8

Diethyl Ether  
Concen: 20.143 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 90.8  | 45.7  | 137.1 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.799 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

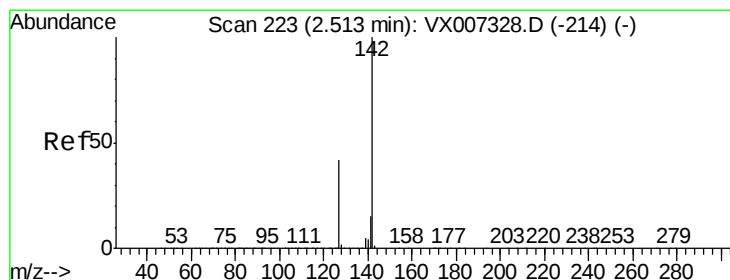
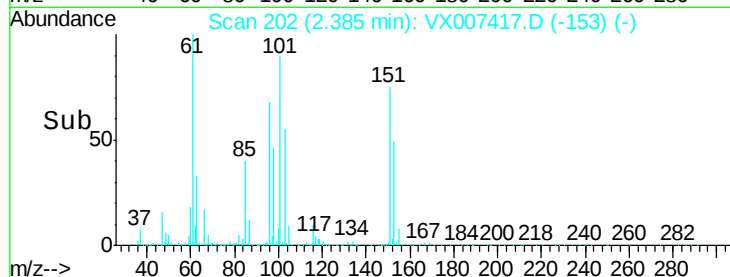
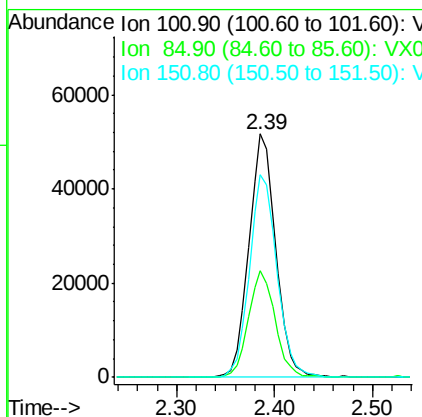
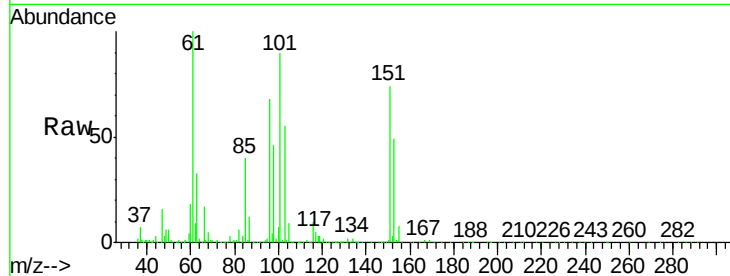
ClientSampleId :

VX0207WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 98324 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.0  | 34.1  | 51.1  |
| 151       | 85.5  | 69.9  | 104.9 |

Manual Integrations  
APPROVED

MMDadoda  
2/11/2019 12:27:54 PM



#10

Methyl Iodide

Concen: 18.421 ug/l

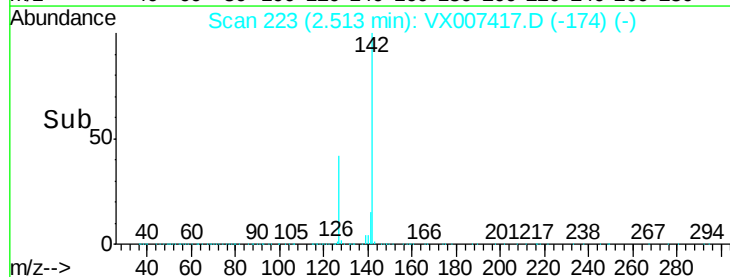
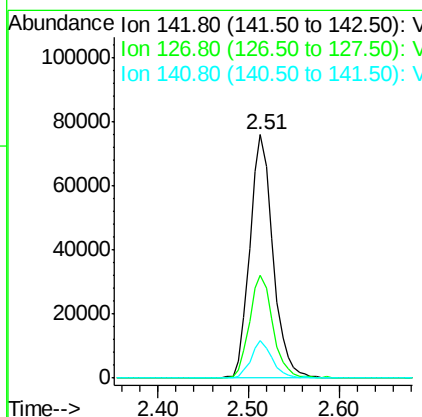
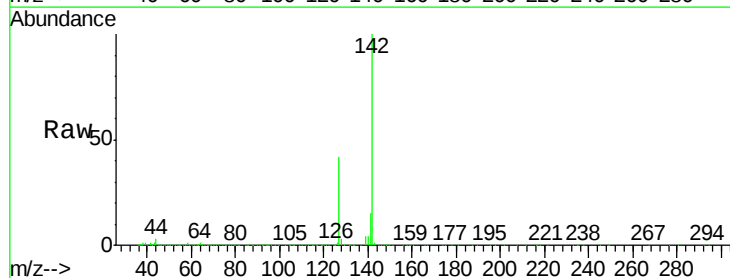
RT: 2.51 min Scan# 223

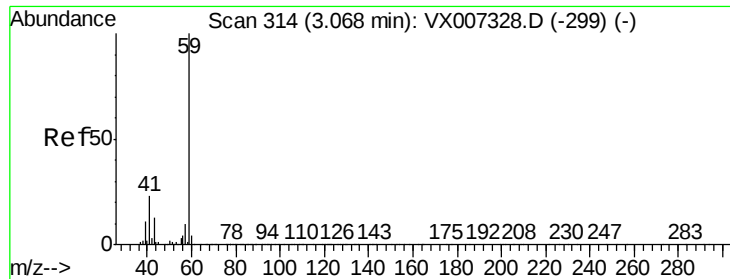
Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 134573 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.7  | 33.7  | 50.5   |
| 141       | 14.4  | 11.3  | 16.9   |





#11

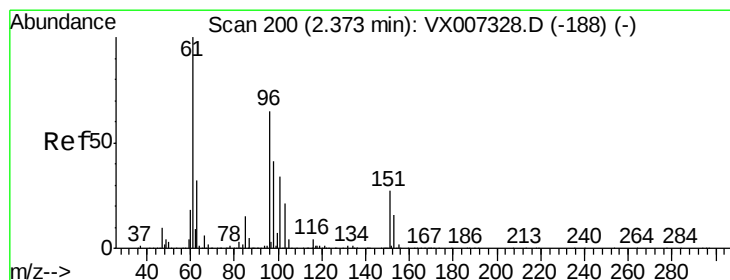
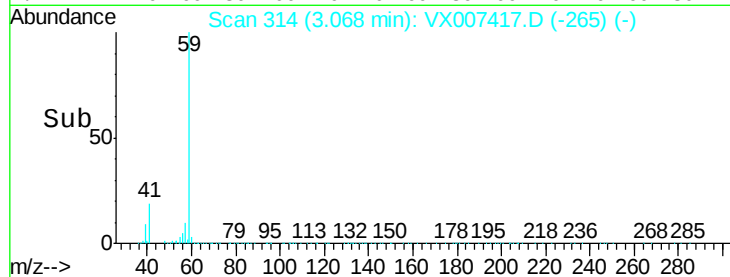
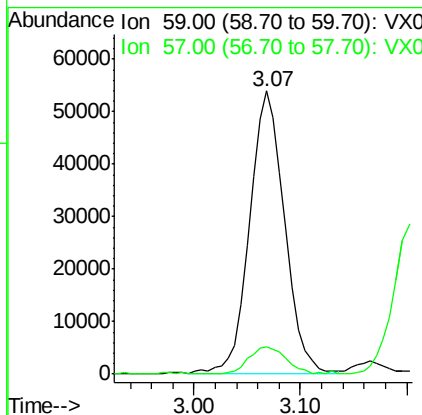
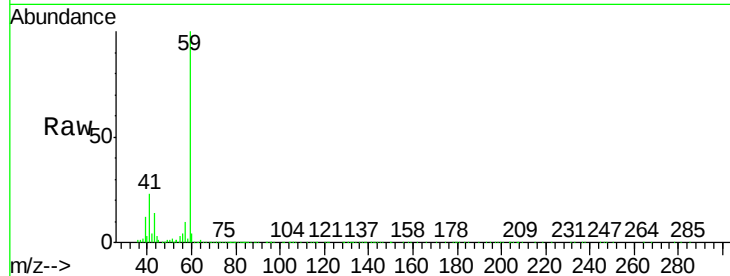
Tert butyl alcohol  
 Concen: 116.065 ug/l  
 RT: 3.07 min Scan# 314  
 Delta R.T. 0.00 min  
 Lab File: VX007417.D  
 Acq: 07 Feb 2019 11:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.7  | 8.1   | 12.1  |

Manual Integrations  
 APPROVED

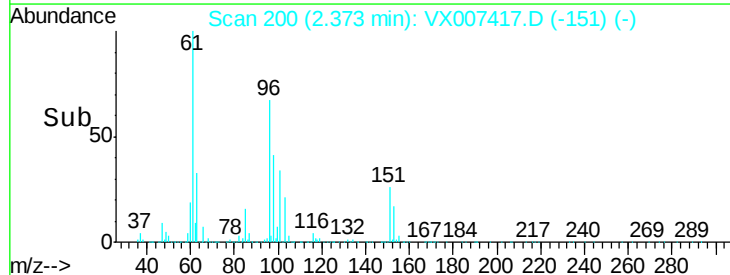
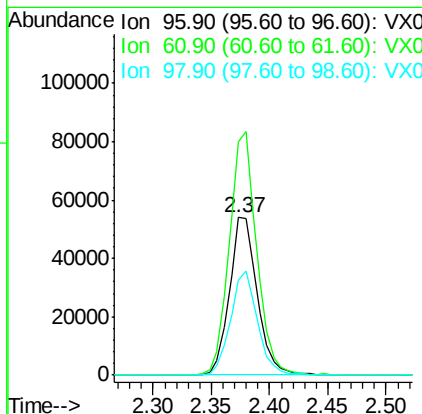
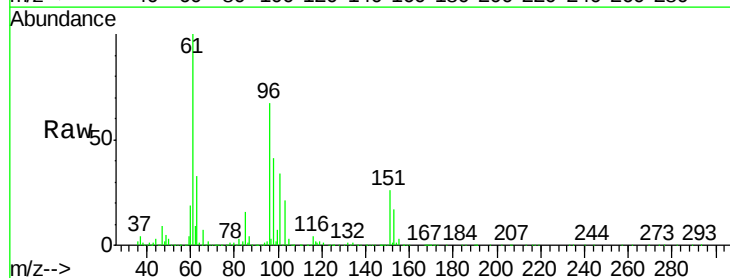
MMDadoda  
 2/11/2019 12:27:54 PM

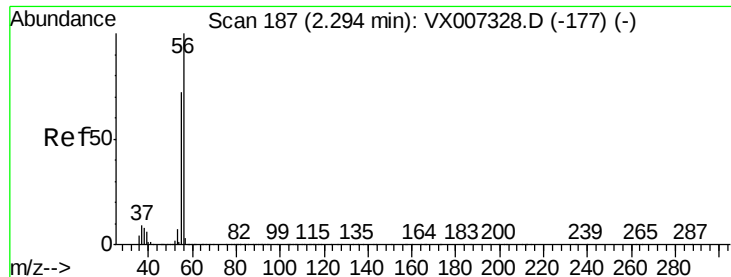


#12

1,1-Dichloroethene  
 Concen: 19.509 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. 0.00 min  
 Lab File: VX007417.D  
 Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 147.9 | 123.0 | 184.4 |
| 98      | 60.3  | 50.9  | 76.3  |





#13

Acrolein

Concen: 111.614 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

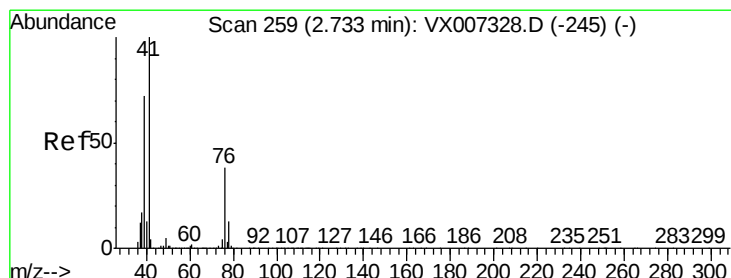
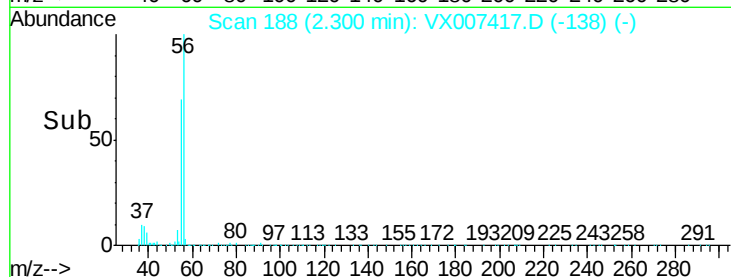
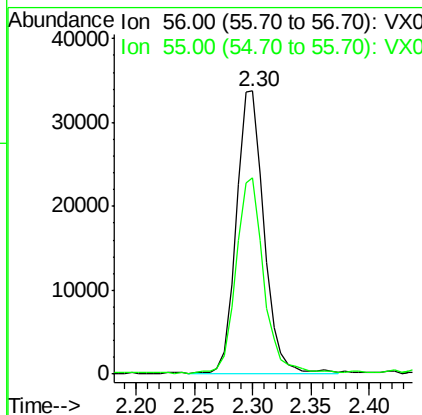
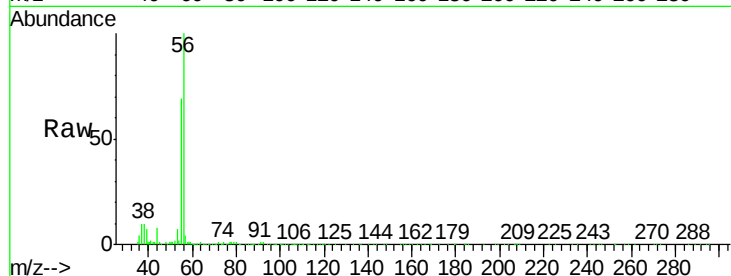
ClientSampleId :

VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 69.0  | 56.9  | 85.3  |

Manual Integrations  
APPROVED

MMDadoda  
2/11/2019 12:27:54 PM



#14

Allyl chloride

Concen: 20.315 ug/l

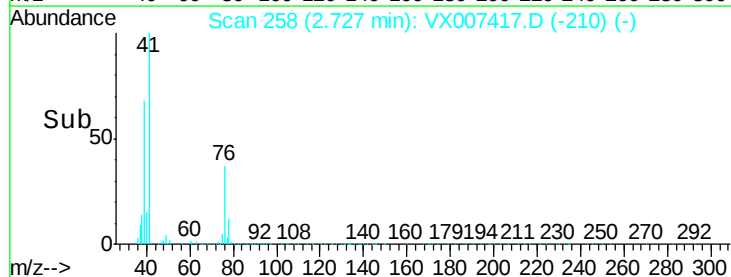
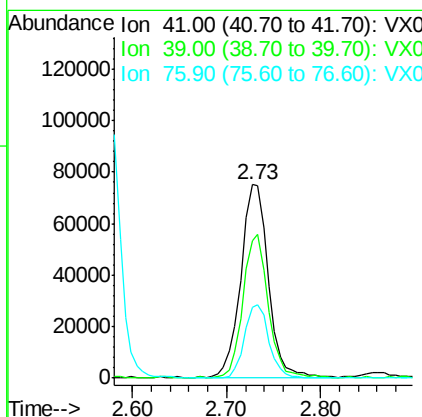
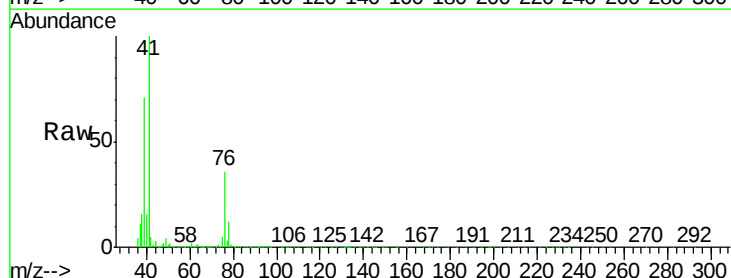
RT: 2.73 min Scan# 258

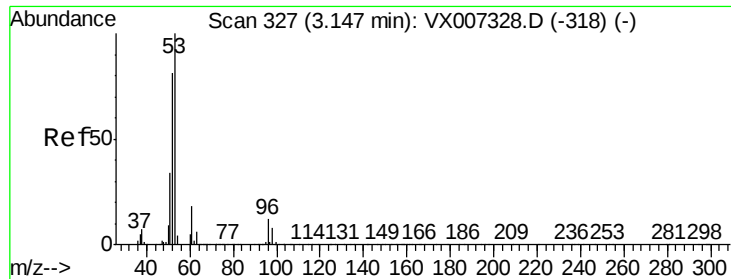
Delta R.T. -0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 68.2  | 54.1  | 81.1  |
| 76      | 33.9  | 27.8  | 41.8  |





#15

Acrylonitrile

Concen: 106.018 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

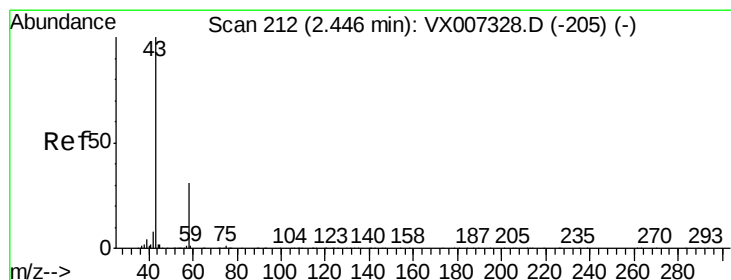
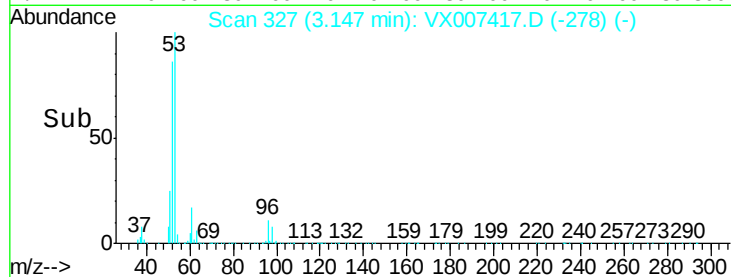
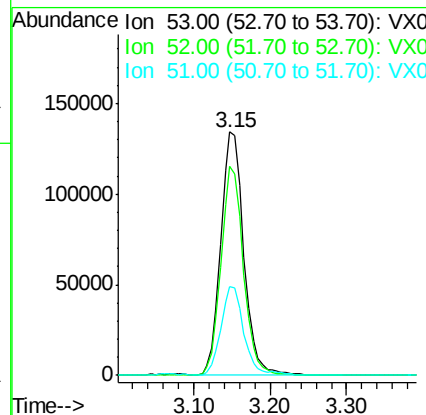
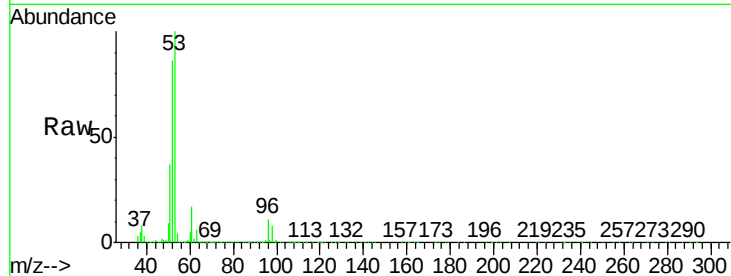
ClientSampleId :

VX0207WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 278241 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.3  | 66.4  | 99.6   |
| 51        | 36.9  | 28.4  | 42.6   |

Manual Integrations  
APPROVED

MMDadoda  
2/11/2019 12:27:54 PM



#16

Acetone

Concen: 110.488 ug/l

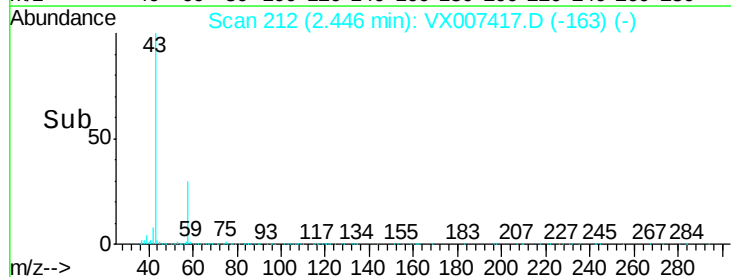
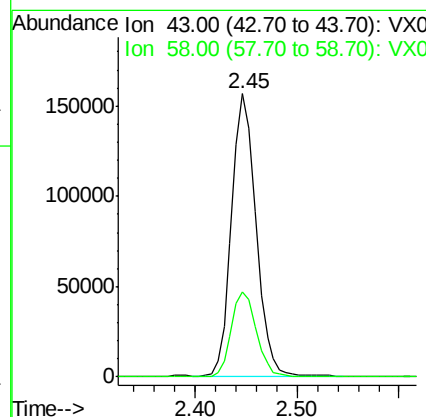
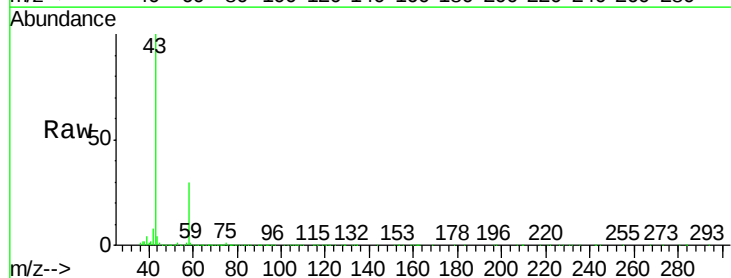
RT: 2.45 min Scan# 212

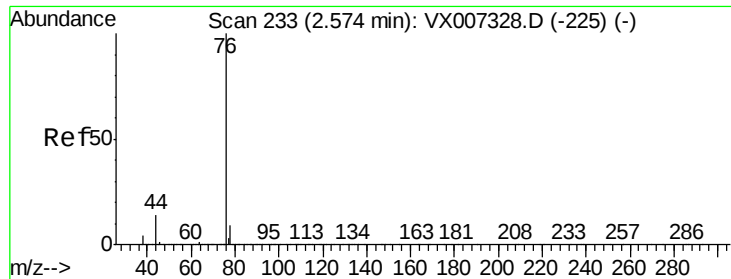
Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 259455 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.3  | 24.9  | 37.3   |





#17

Carbon Disulfide

Concen: 18.977 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampleId :

VX0207WBS01

Tot Ion: 76 Resp: 212265

Ion Ratio Lower Upper

76 100

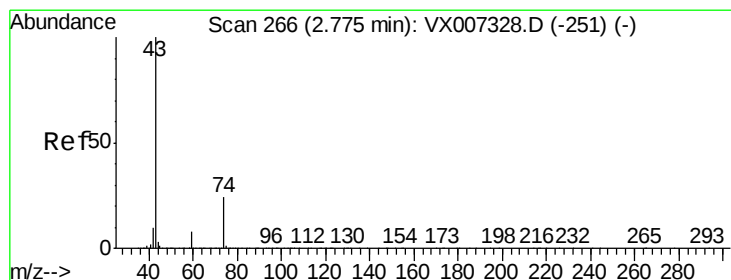
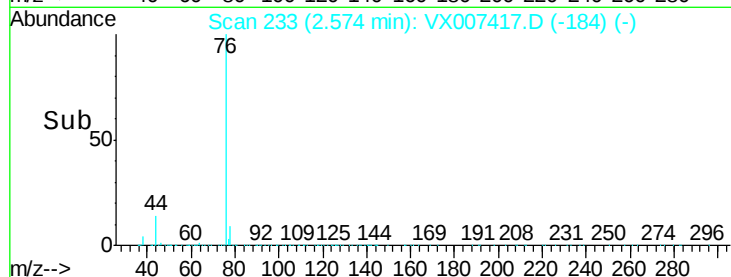
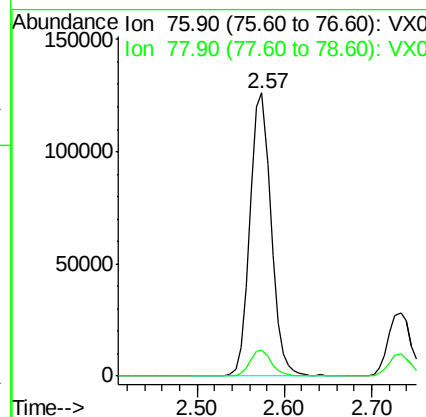
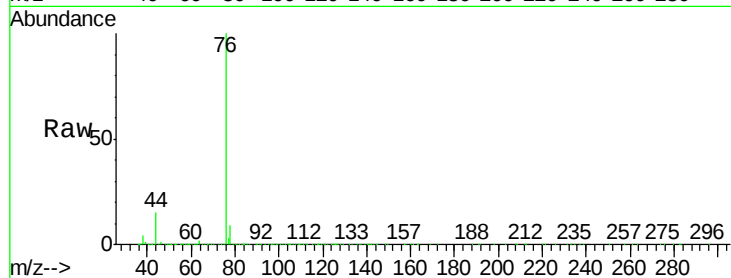
78 9.3 7.1 10.7

Manual Integrations

APPROVED

MMDadoda

2/11/2019 12:27:54 PM



#18

Methyl Acetate

Concen: 23.970 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007417.D

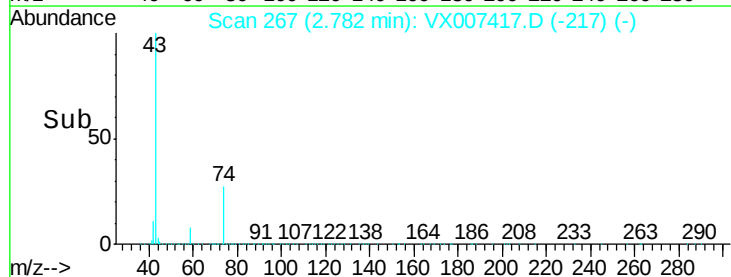
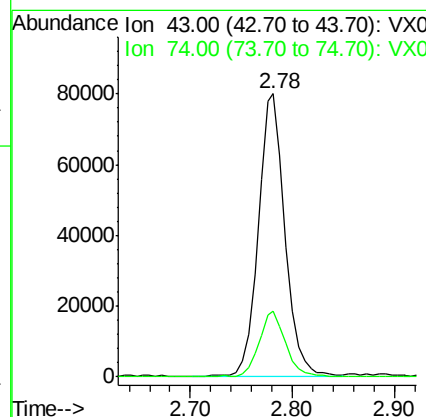
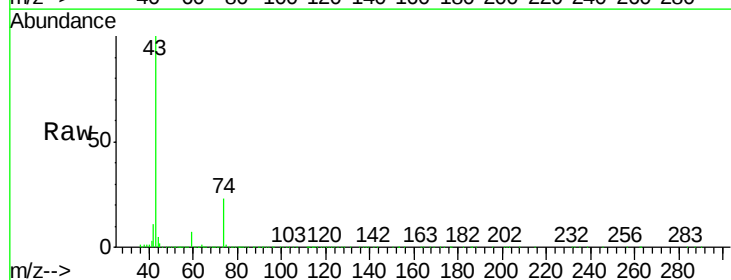
Acq: 07 Feb 2019 11:36

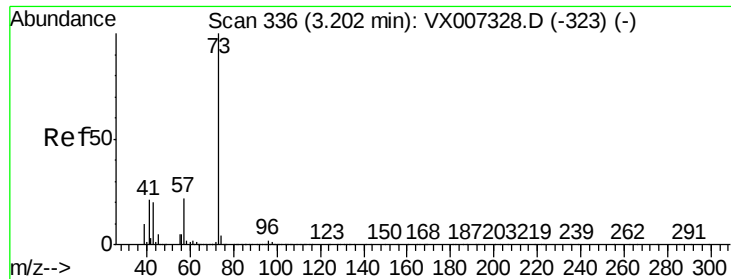
Tgt Ion: 43 Resp: 144747

Ion Ratio Lower Upper

43 100

74 22.7 19.4 29.2





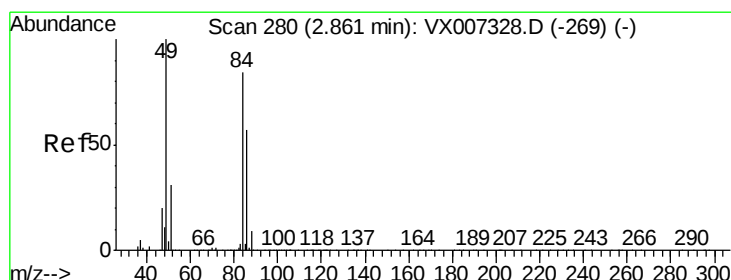
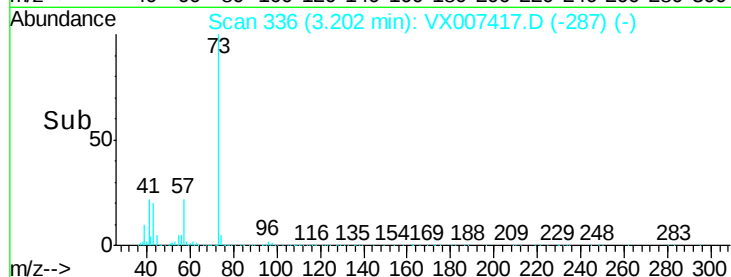
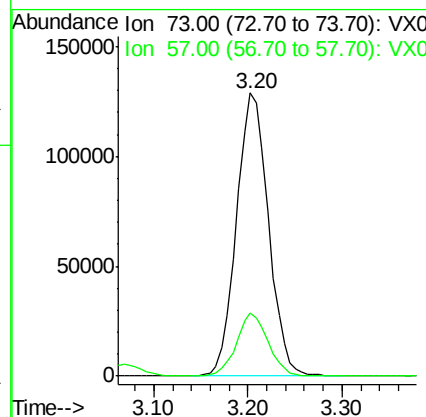
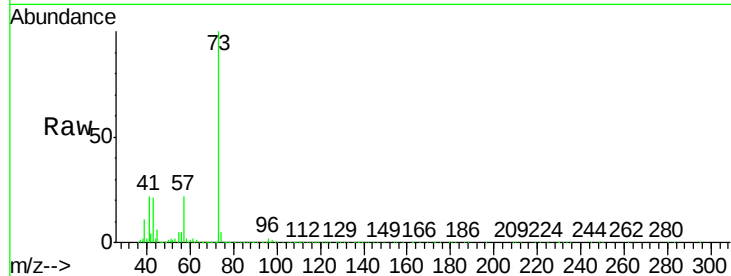
#19  
Methvl tert-butvl Ether  
Concen: 20.336 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.1  | 17.8  | 26.8  |

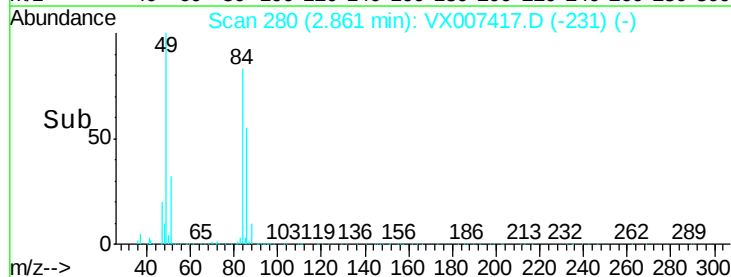
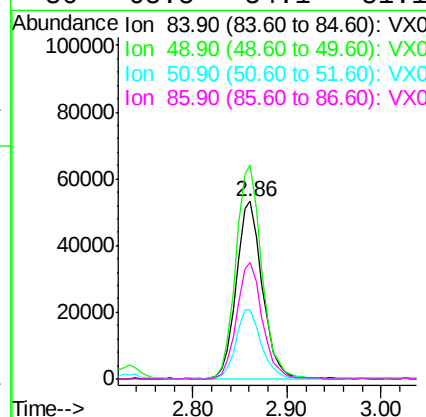
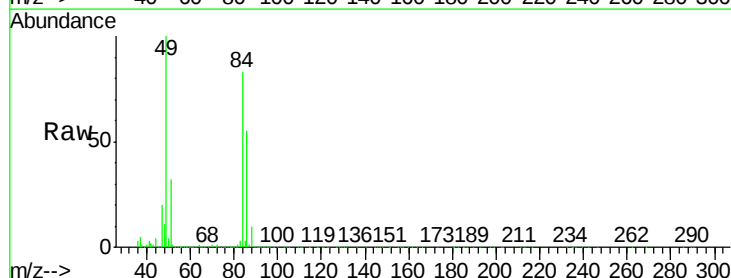
Manual Integrations  
APPROVED

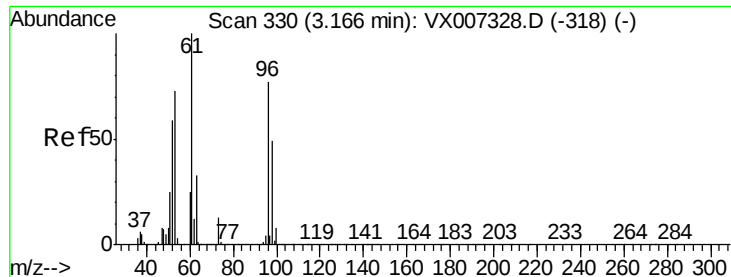
MMDadoda  
2/11/2019 12:27:54 PM



#20  
Methylene Chloride  
Concen: 21.101 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 119.8 | 94.8  | 142.2 |
| 51      | 38.3  | 29.8  | 44.8  |
| 86      | 65.5  | 54.1  | 81.1  |





#21

trans-1,2-Dichloroethene

Concen: 19.370 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

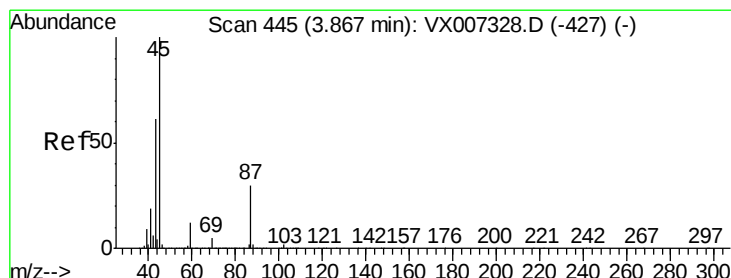
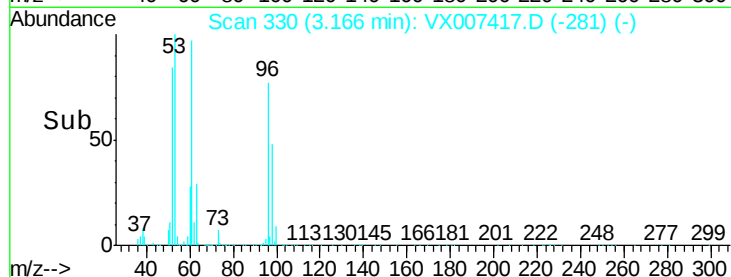
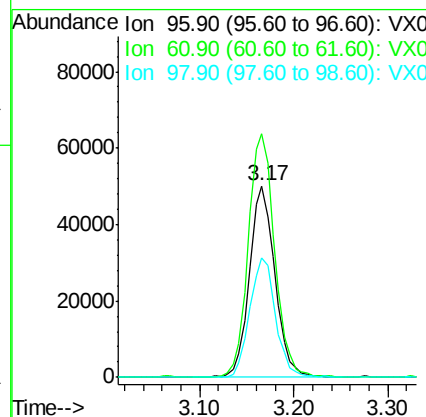
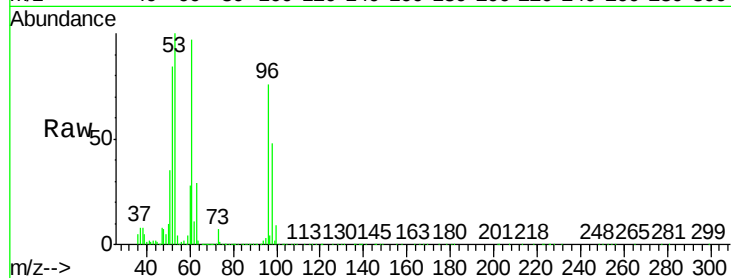
ClientSampleId :

VX0207WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 95152 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 126.8 | 104.6 | 156.8 |
| 98       | 62.3  | 51.0  | 76.4  |

Manual Integrations  
APPROVED

MMDadoda  
2/11/2019 12:27:54 PM



#22

Diisopropyl ether

Concen: 20.388 ug/l

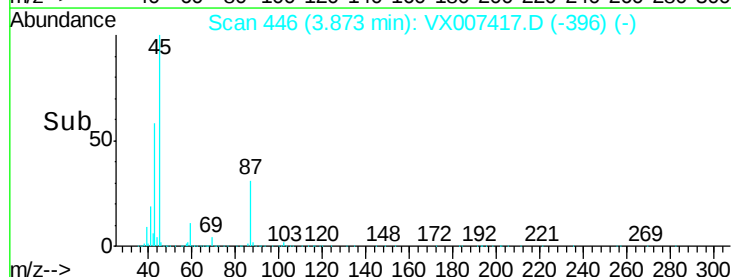
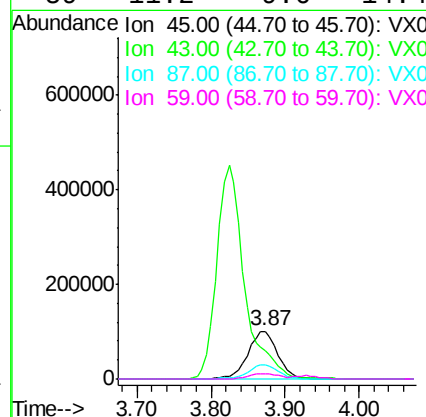
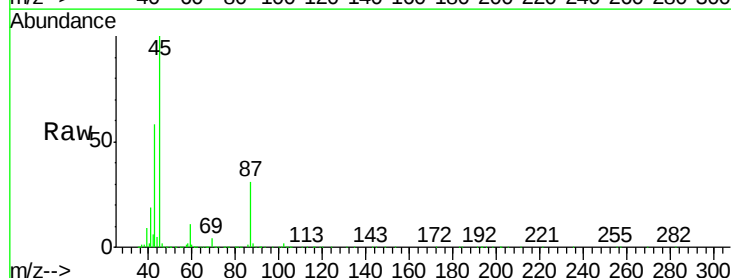
RT: 3.87 min Scan# 446

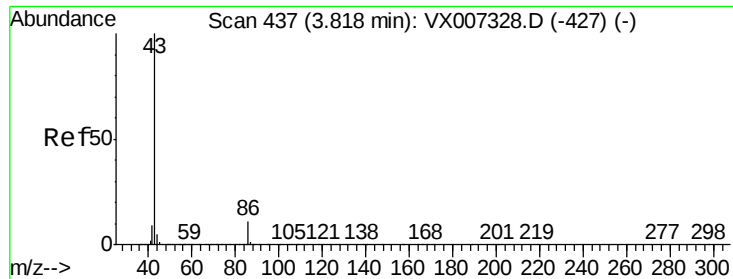
Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 281781 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 57.7  | 48.9  | 73.3   |
| 87       | 30.5  | 23.9  | 35.9   |
| 59       | 11.2  | 9.6   | 14.4   |





#23

Vinyl Acetate

Concen: 102.214 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampleId :

VX0207WBS01

Tot Ion: 43 Resp: 1172295

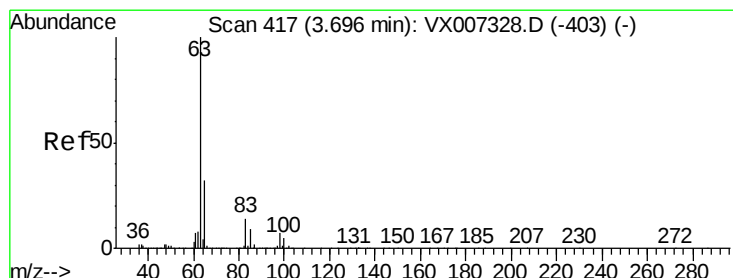
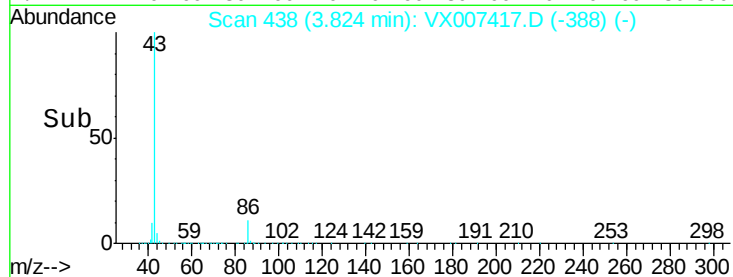
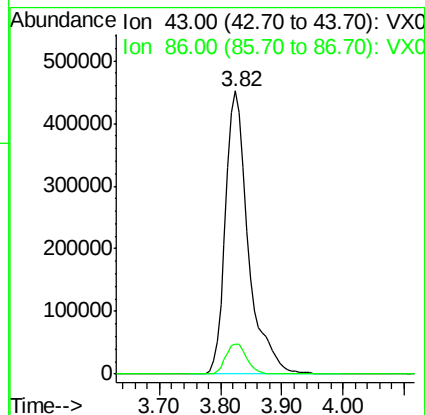
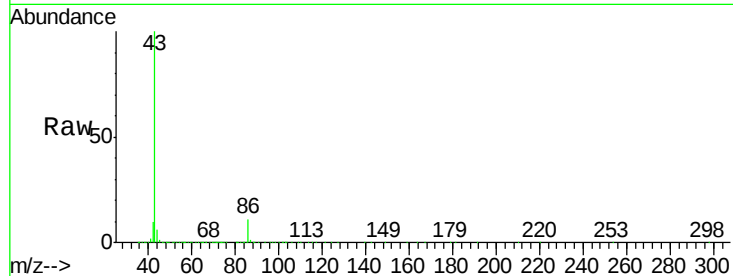
Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 20.219 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

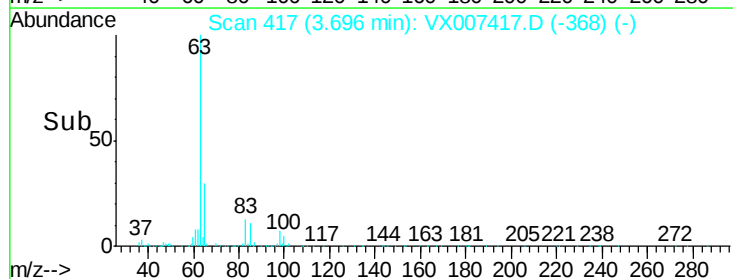
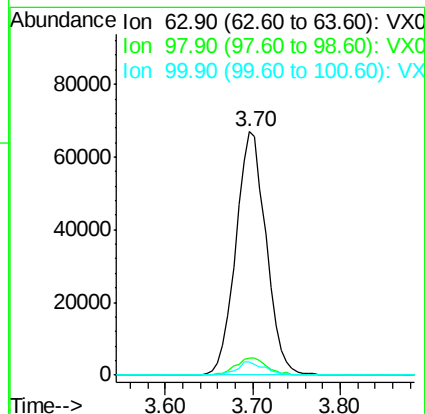
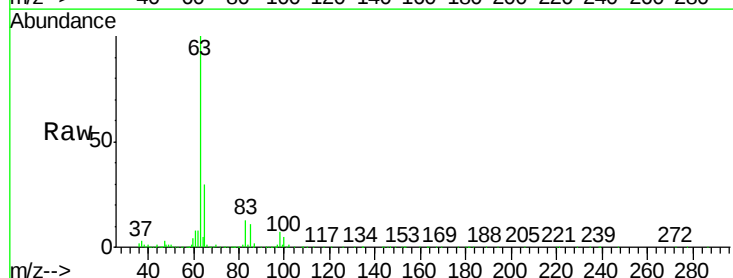
Tgt Ion: 63 Resp: 160480

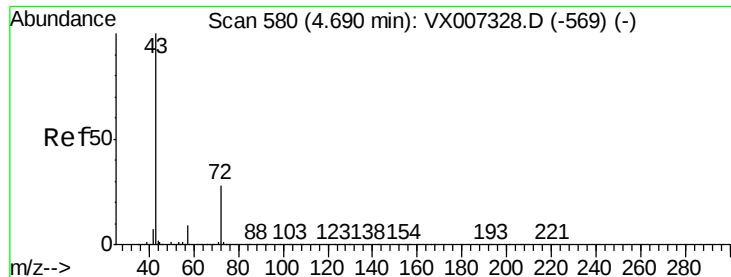
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 5.1 2.5 7.4





#25

2-Butanone

Concen: 108.196 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampleId :

VX0207WBS01

Tot Ion: 43 Resp: 361577

Ion Ratio Lower Upper

43 100

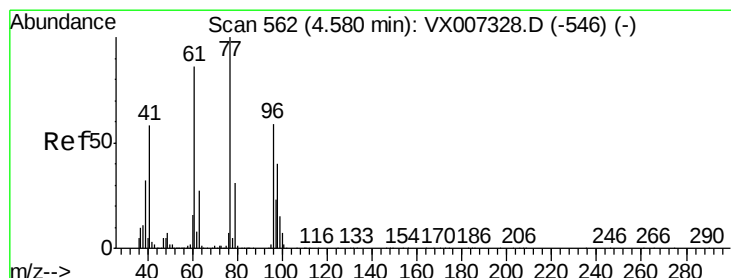
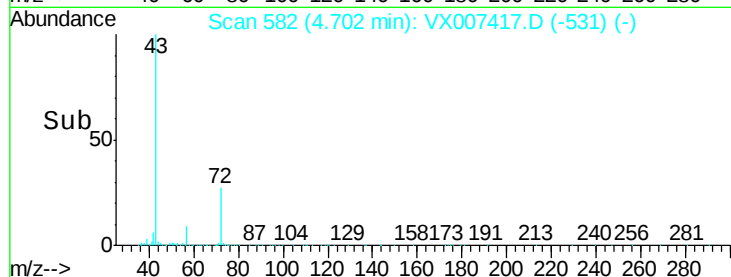
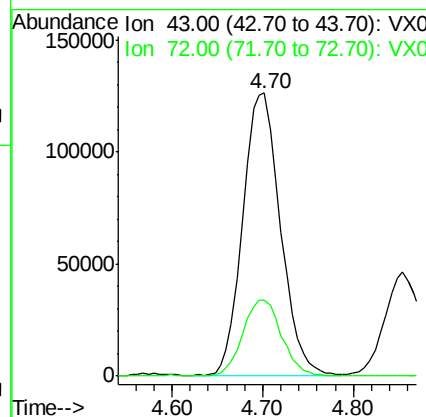
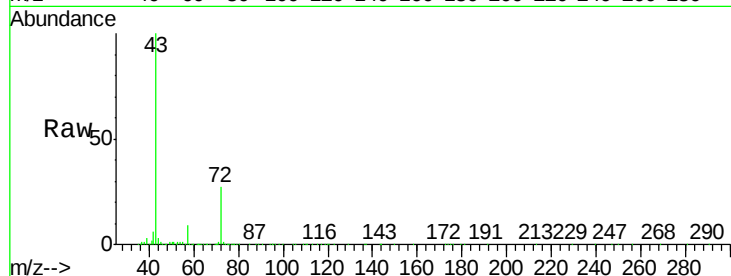
72 26.6 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 19.970 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007417.D

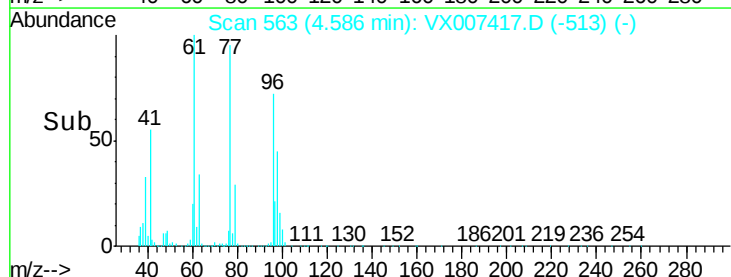
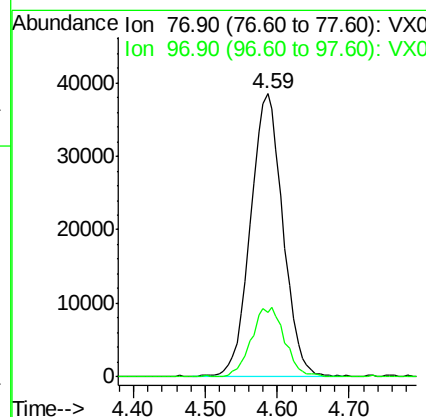
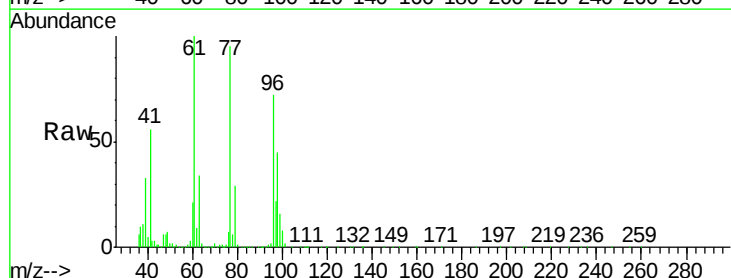
Acq: 07 Feb 2019 11:36

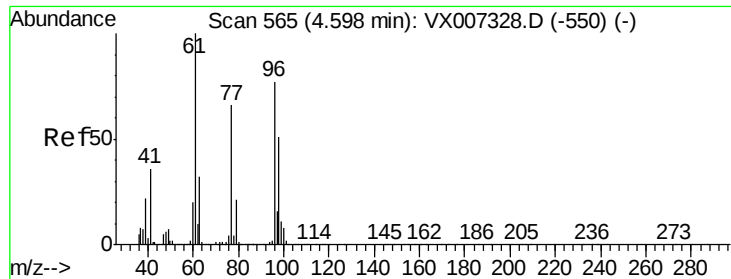
Tgt Ion: 77 Resp: 120710

Ion Ratio Lower Upper

77 100

97 25.2 12.1 36.3





#27

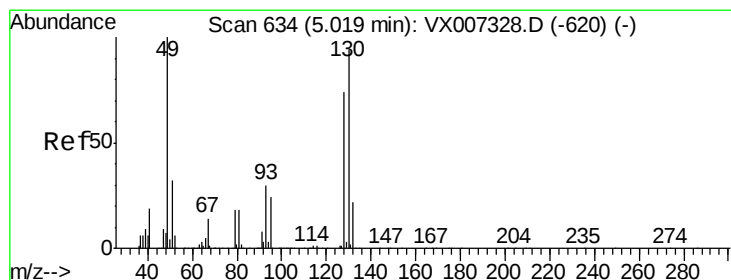
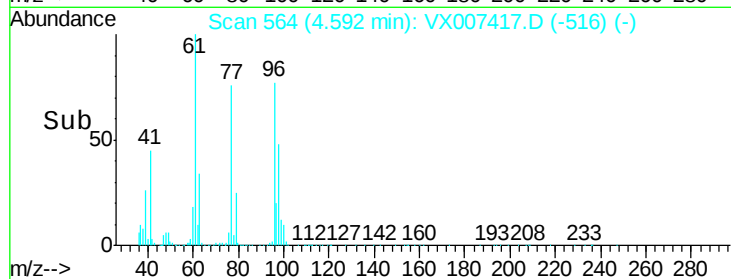
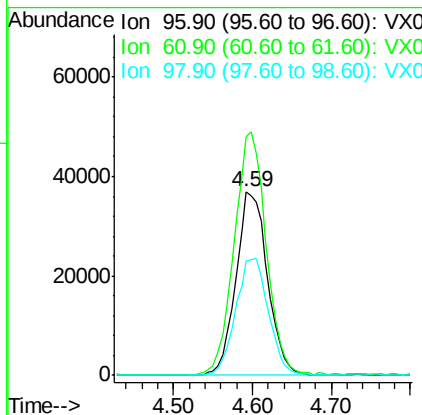
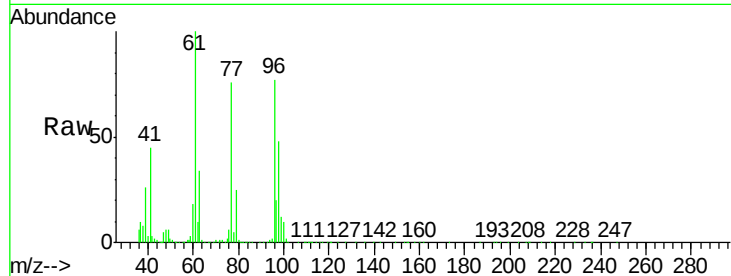
cis-1,2-Dichloroethene  
 Concen: 19.175 ug/l  
 RT: 4.59 min Scan# 564  
 Delta R.T. -0.01 min  
 Lab File: VX007417.D  
 Acq: 07 Feb 2019 11:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0207WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 102882 |       |       |
| 61      | 134.1 | 0.0    | 265.6 |       |
| 98      | 66.2  | 0.0    | 131.6 |       |

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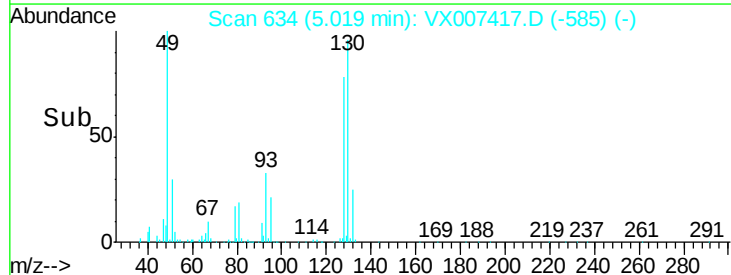
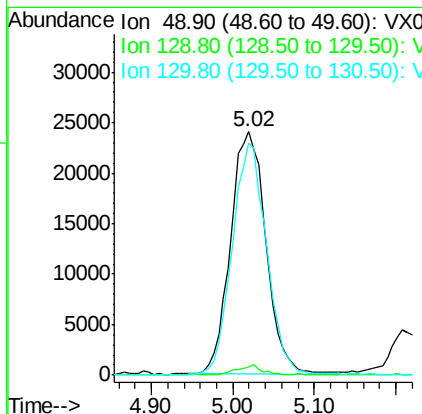
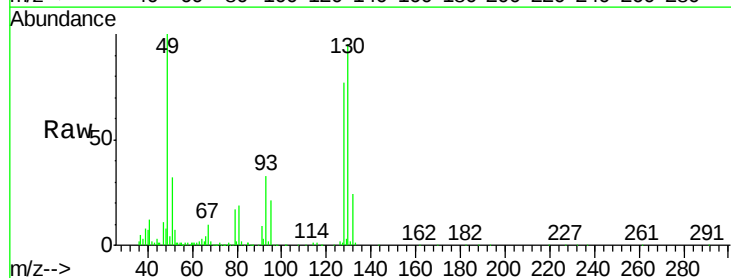
MMDadoda  
 2/11/2019 12:27:54 PM

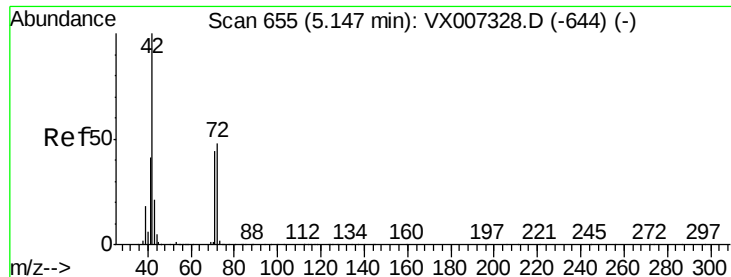


#28

Bromochloromethane  
 Concen: 19.775 ug/l  
 RT: 5.02 min Scan# 634  
 Delta R.T. 0.00 min  
 Lab File: VX007417.D  
 Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 72179 |       |       |
| 129     | 3.0   | 0.0   | 5.6   |       |
| 130     | 92.8  | 75.6  | 113.4 |       |





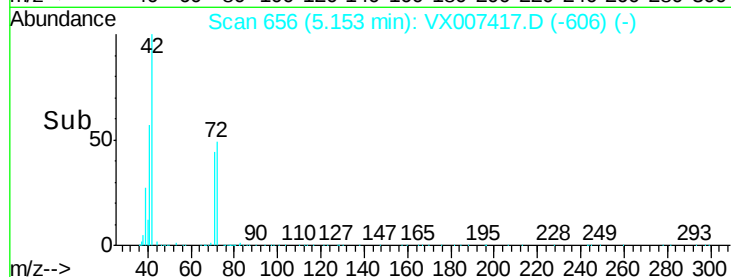
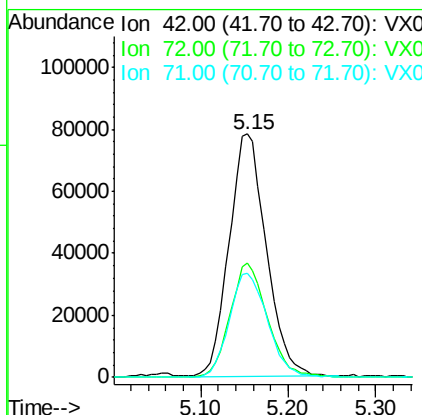
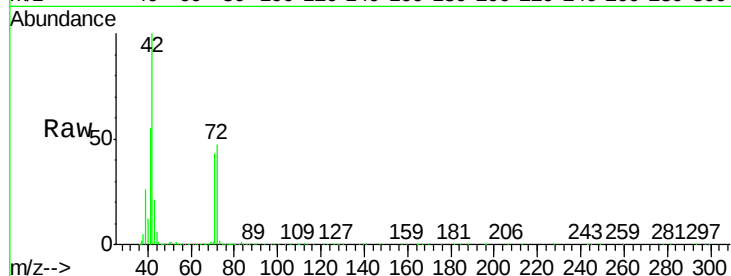
#29  
Tetrahydrofuran  
Concen: 110.108 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. 0.01 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 47.4  | 37.6  | 56.4  |
| 71      | 43.8  | 34.6  | 51.8  |

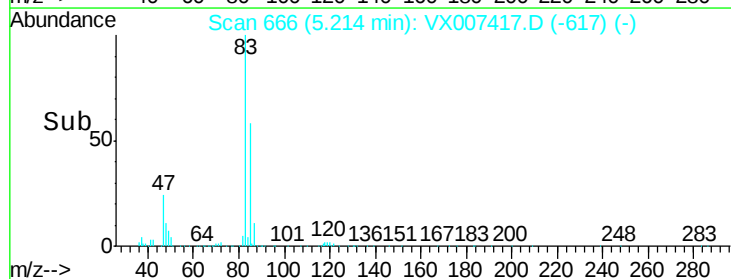
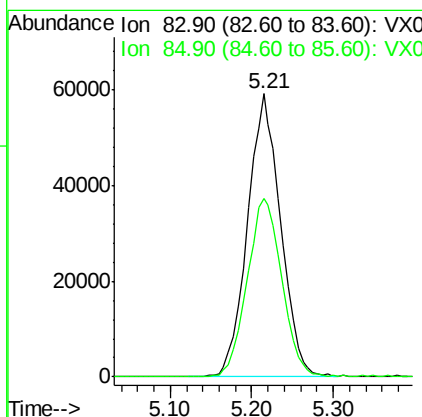
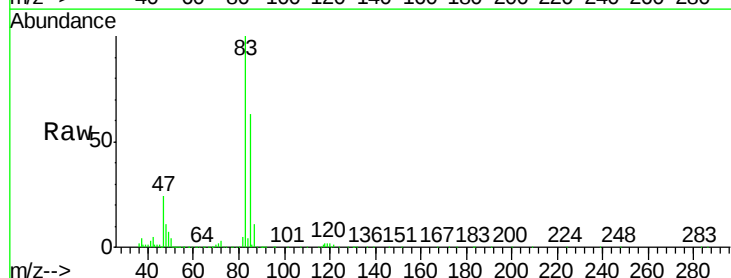
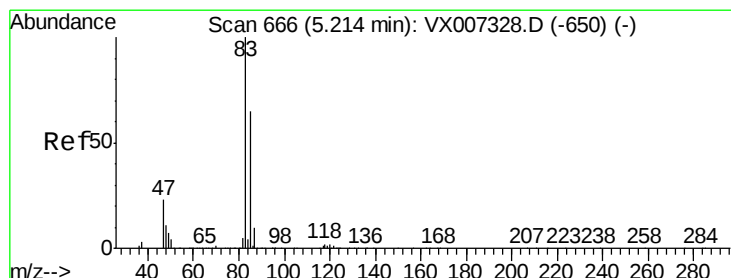
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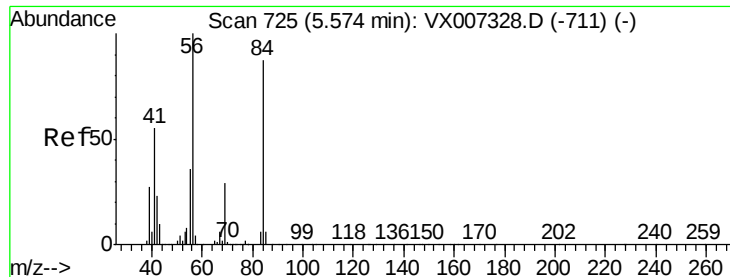
MMDadoda  
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#30  
Chloroform  
Concen: 20.199 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.7  | 51.6  | 77.4  |





#31

Cyclohexane

Concen: 19.090 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

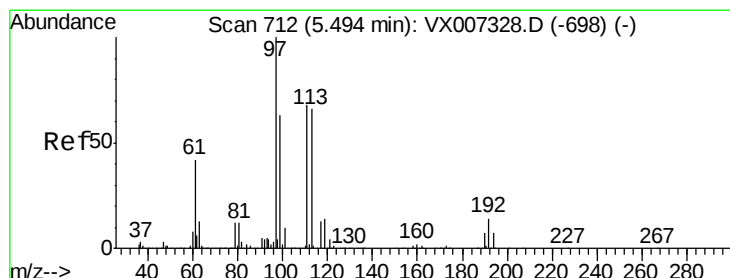
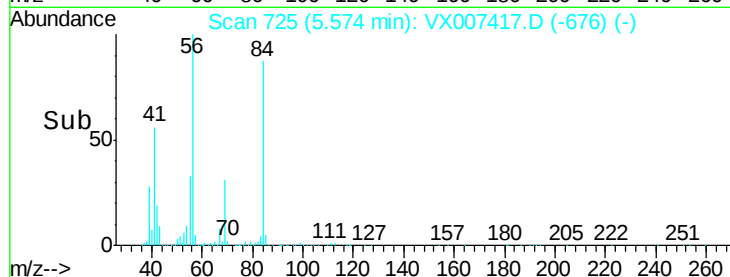
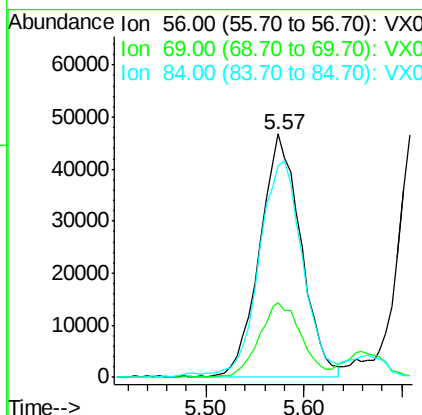
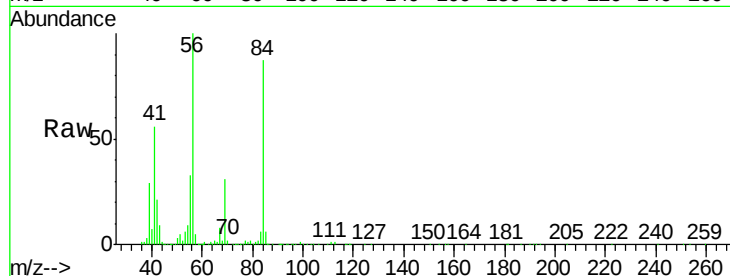
ClientSampleId :

VX0207WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 56   | Resp: | 136085 |
| Ion Ratio |      | Lower | Upper  |
| 56        | 100  |       |        |
| 69        | 30.4 | 23.0  | 34.6   |
| 84        | 85.4 | 69.8  | 104.6  |

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#32

1,1,1-Trichloroethane

Concen: 20.298 ug/l

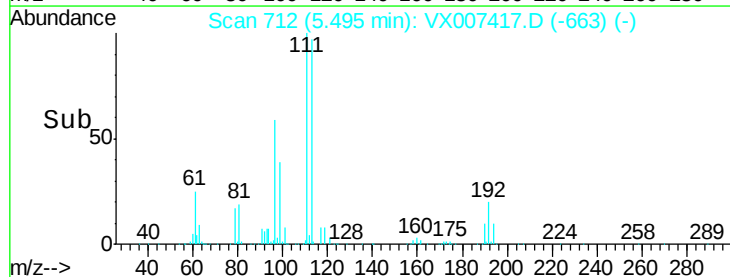
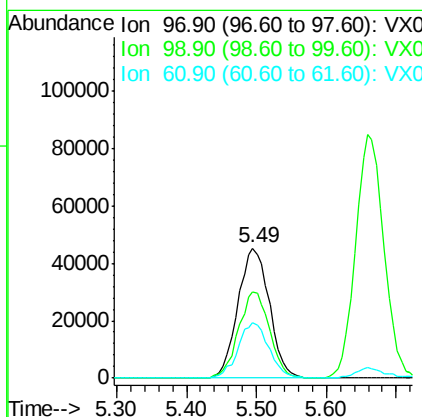
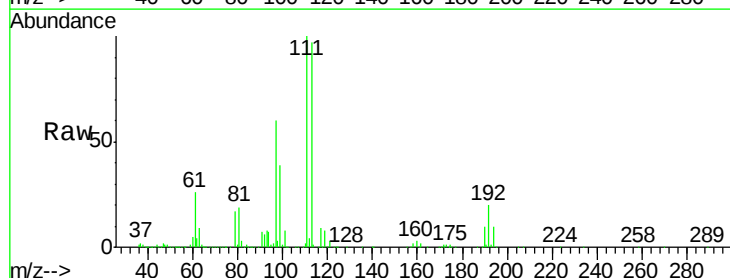
RT: 5.49 min Scan# 712

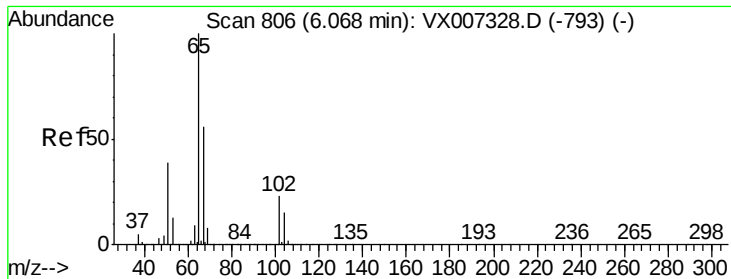
Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 97   | Resp: | 141907 |
| Ion Ratio |      | Lower | Upper  |
| 97        | 100  |       |        |
| 99        | 65.3 | 52.2  | 78.2   |
| 61        | 41.3 | 32.7  | 49.1   |





#33

1,2-Dichloroethane-d4

Concen: 48.754 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampleId :

VX0207WBS01

Tot Ion: 65 Resp: 249931

Ion Ratio Lower Upper

65 100

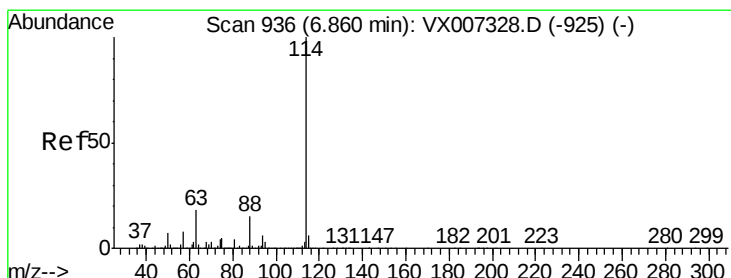
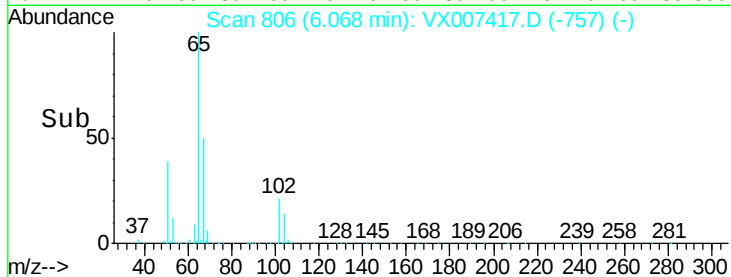
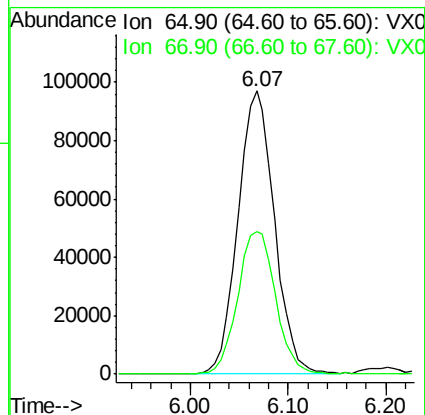
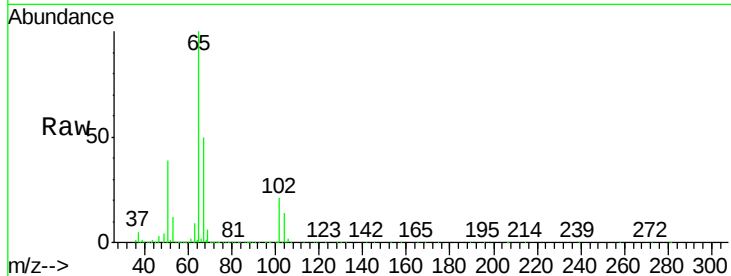
67 52.4 0.0 108.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

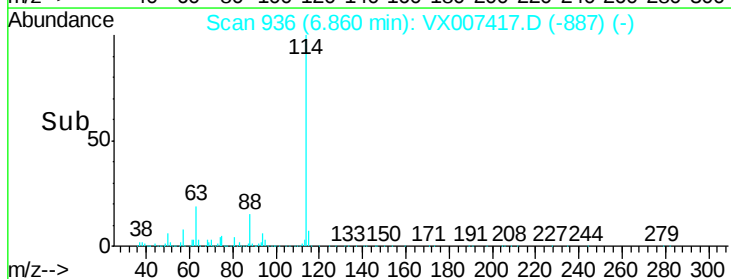
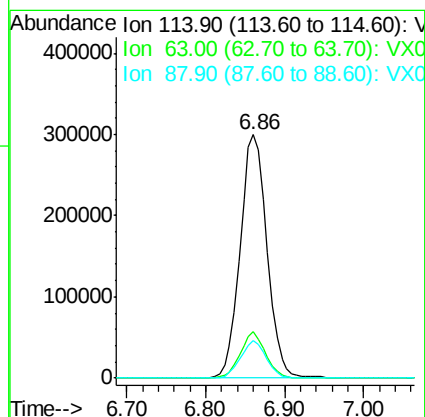
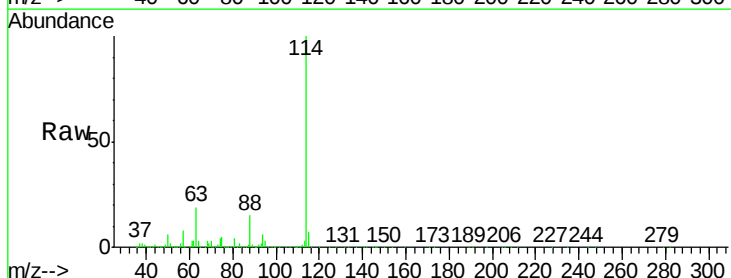
Tgt Ion: 114 Resp: 709034

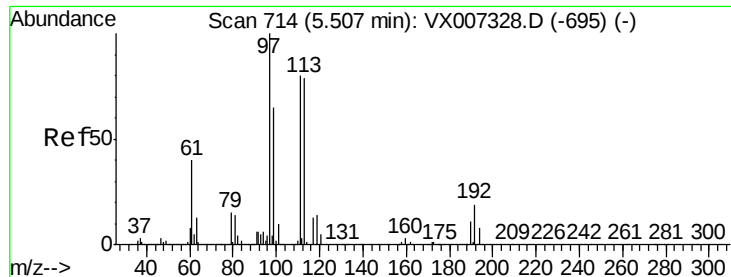
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.6

88 15.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.795 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007417.D

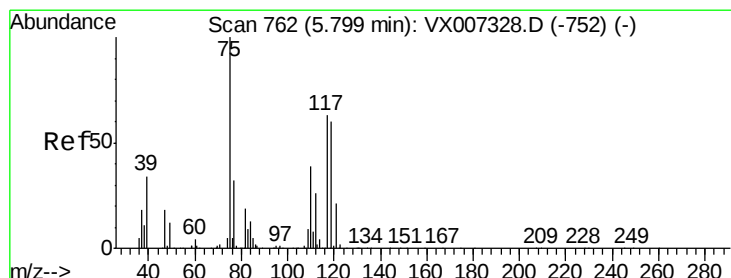
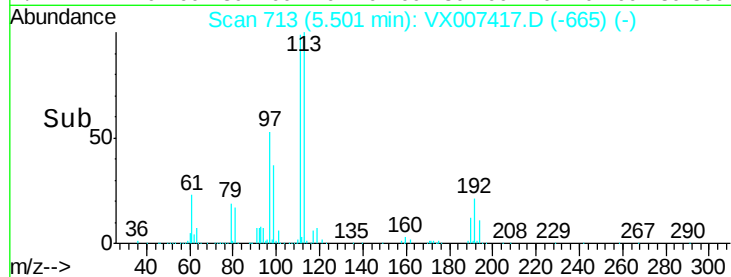
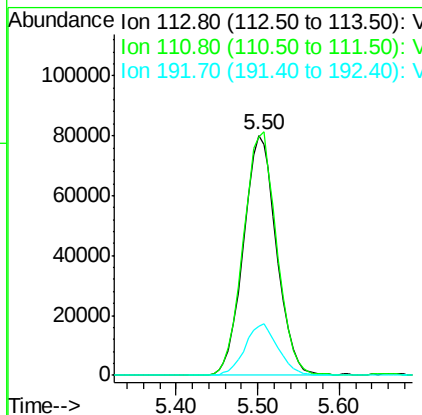
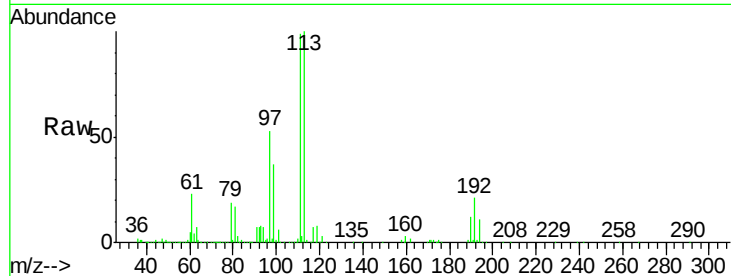
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0207WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 225111 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.8 | 81.8  | 122.8  |
| 192       | 21.5  | 18.5  | 27.7   |

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#36

1,1-Dichloropropene

Concen: 18.948 ug/l

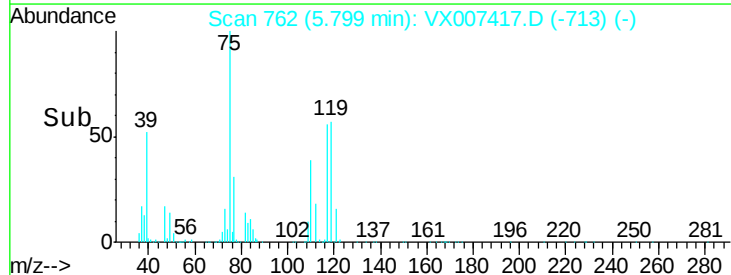
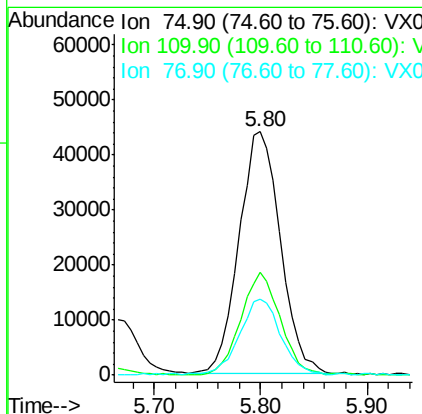
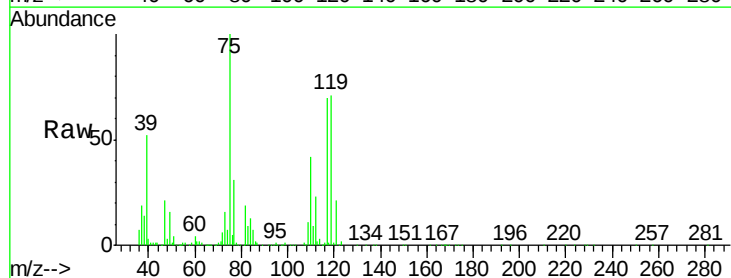
RT: 5.80 min Scan# 762

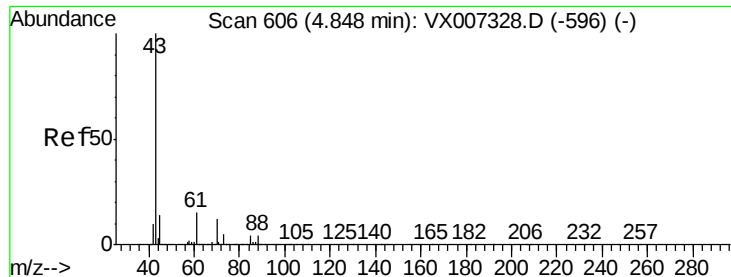
Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 120544 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 40.4  | 20.0  | 59.9   |
| 77        | 30.9  | 24.7  | 37.1   |





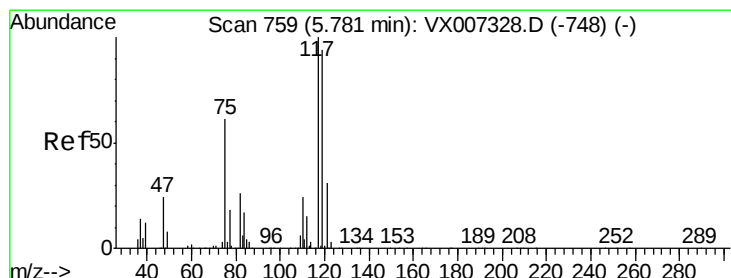
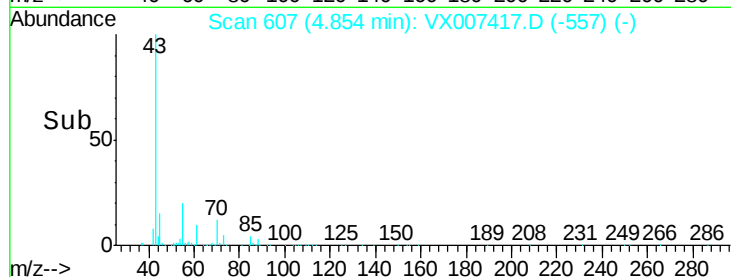
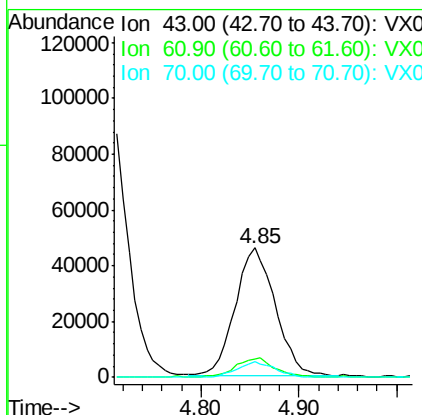
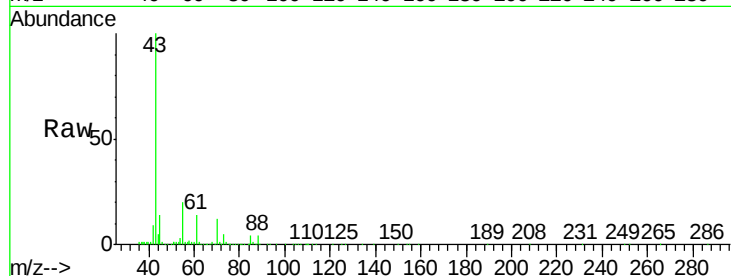
#37  
Ethyl Acetate  
Concen: 20.387 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. 0.01 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.9  | 11.3  | 16.9  |
| 70      | 11.7  | 8.6   | 13.0  |

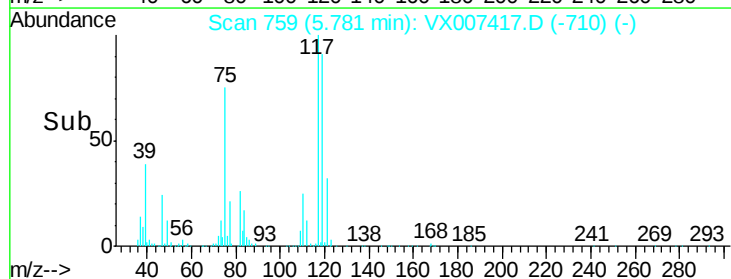
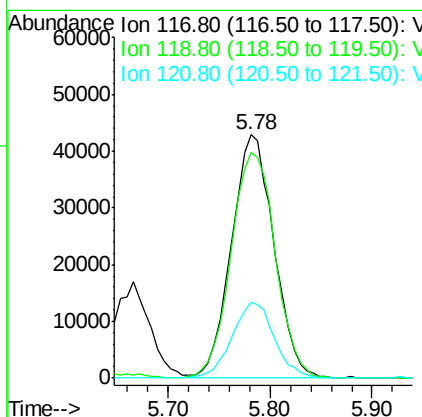
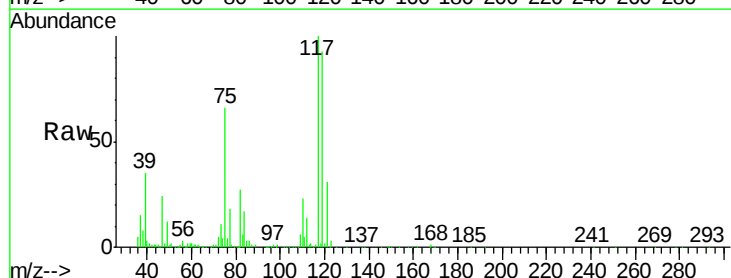
Manual Integrations  
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#38  
Carbon Tetrachloride  
Concen: 20.093 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.3  | 75.3  | 112.9 |
| 121     | 31.2  | 25.0  | 37.4  |





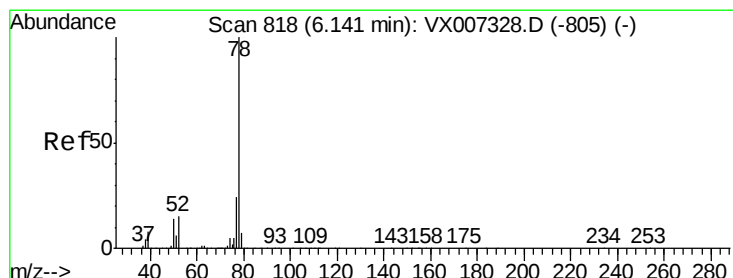
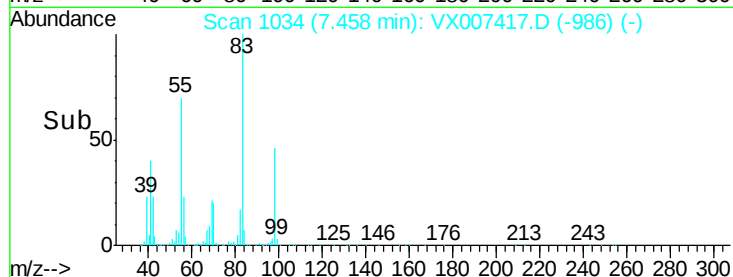
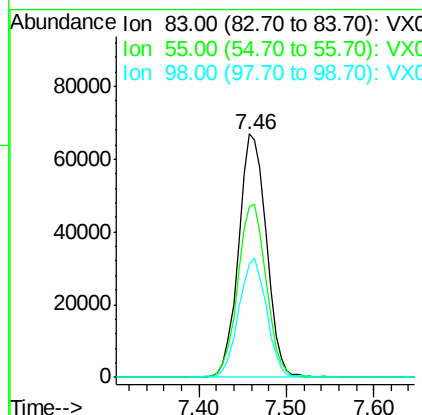
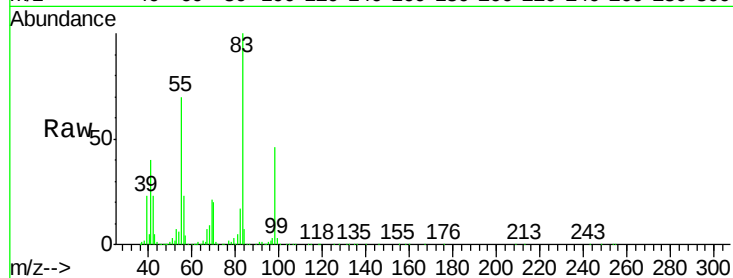
#39  
Methvlcvclohexane  
Concen: 19.258 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 70.2  | 56.2  | 84.2  |
| 98      | 46.3  | 36.8  | 55.2  |

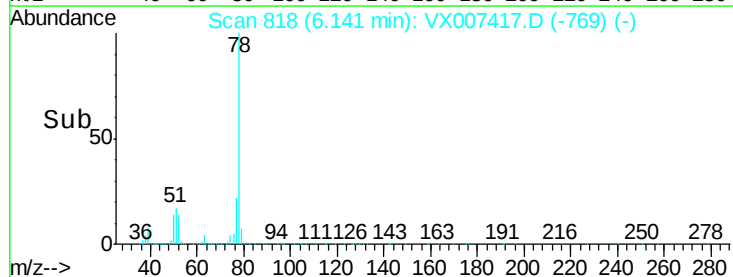
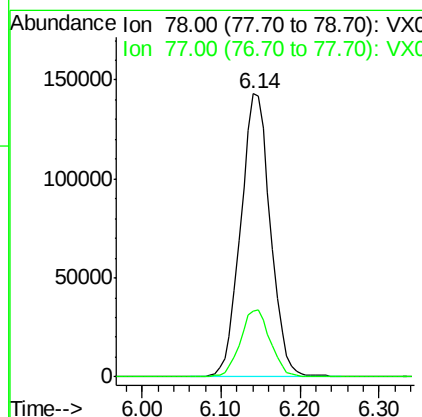
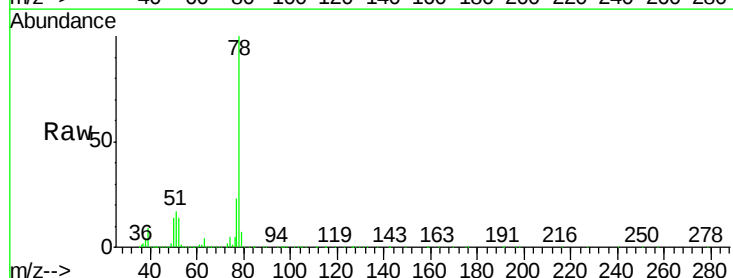
Manual Integrations  
APPROVED

MMDadoda  
2/11/2019 12:27:54 PM



#40  
Benzene  
Concen: 20.018 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.0  | 19.3  | 28.9  |





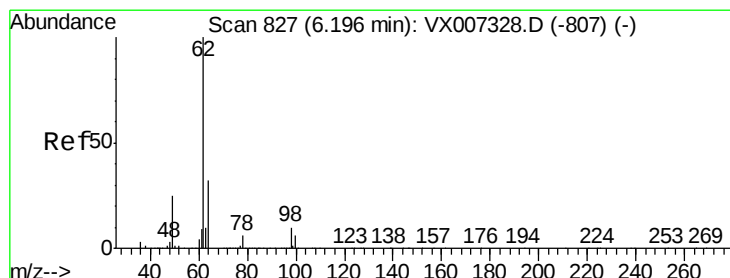
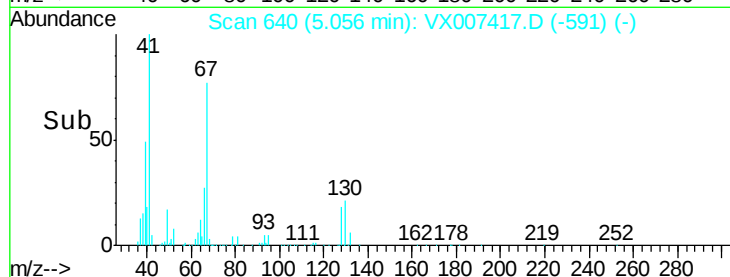
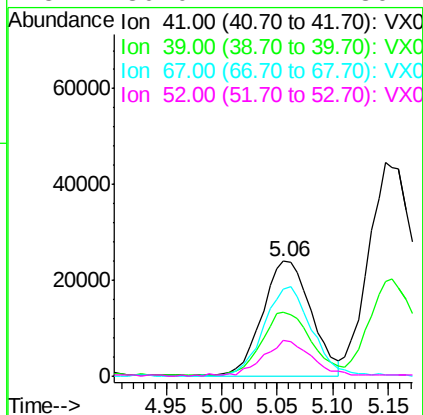
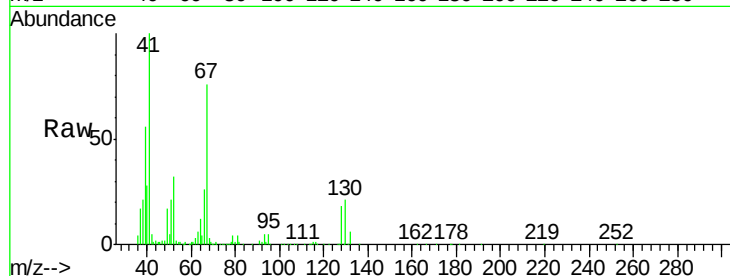
#41  
Methacrylonitrile  
Concen: 21.093 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 55.6  | 44.5  | 66.7  |
| 67      | 76.3  | 60.4  | 90.6  |
| 52      | 30.0  | 24.1  | 36.1  |

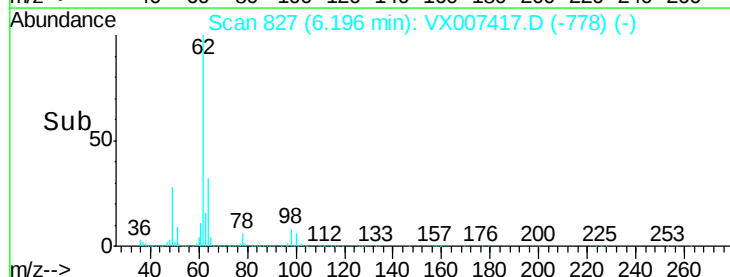
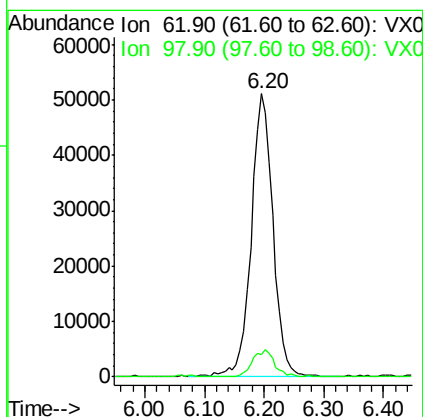
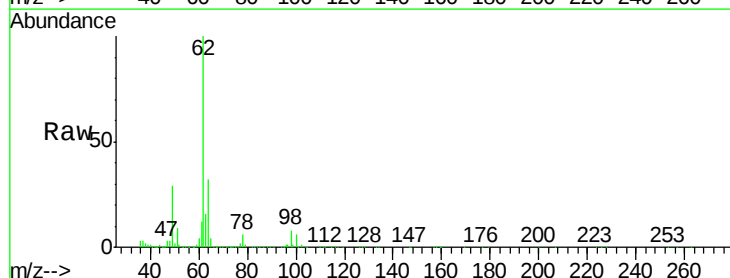
Manual Integrations  
APPROVED

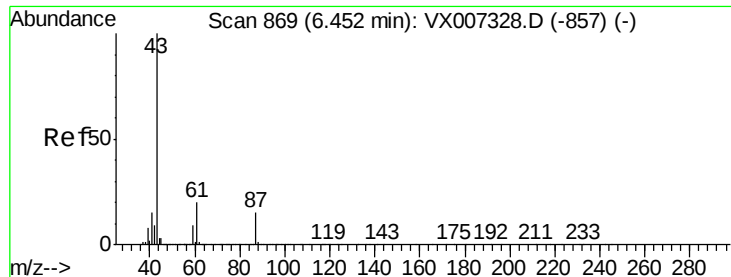
MMDadoda  
2/11/2019 12:27:54 PM



#42  
1,2-Dichloroethane  
Concen: 19.990 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.8   | 0.0   | 19.0  |





#43

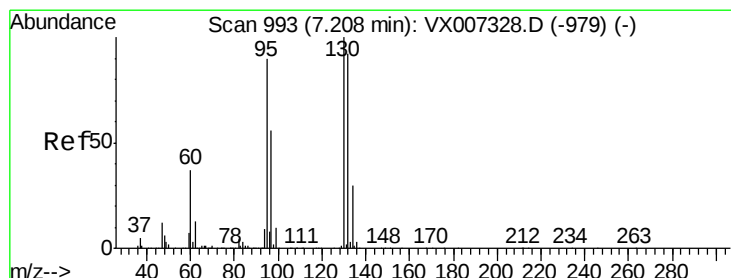
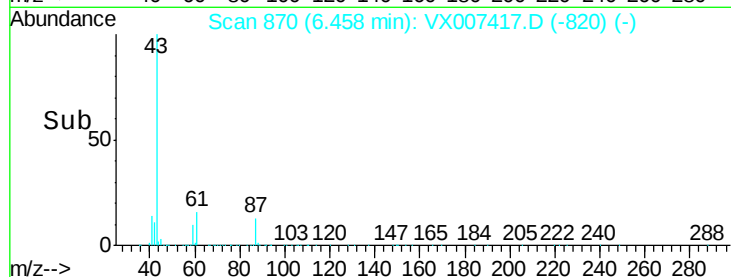
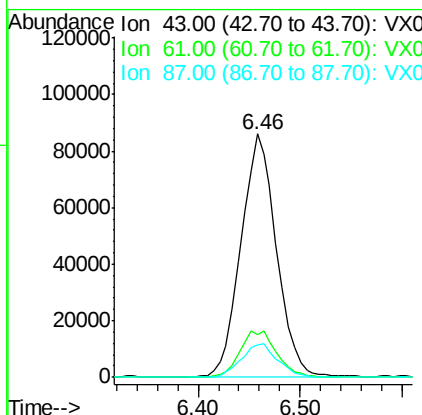
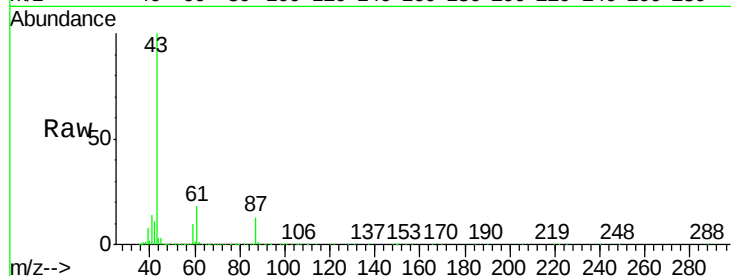
Isopropyl Acetate  
 Concen: 20.881 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. 0.01 min  
 Lab File: VX007417.D  
 Acq: 07 Feb 2019 11:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.9  | 16.1  | 24.1  |
| 87      | 14.3  | 11.5  | 17.3  |

Manual Integrations  
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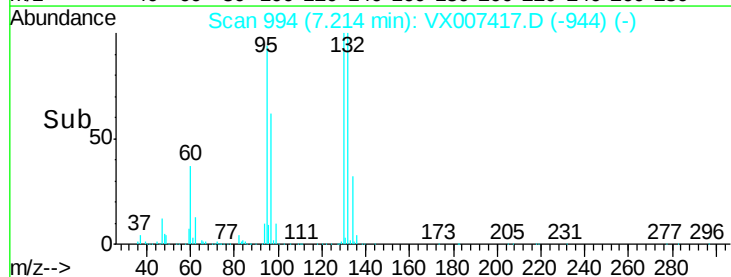
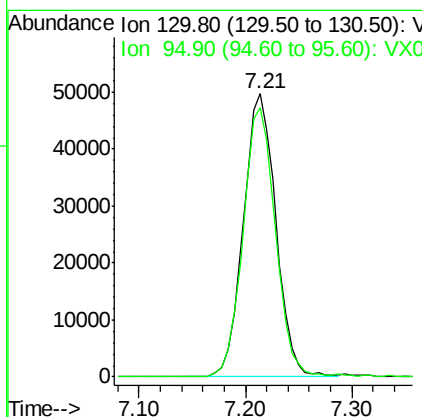
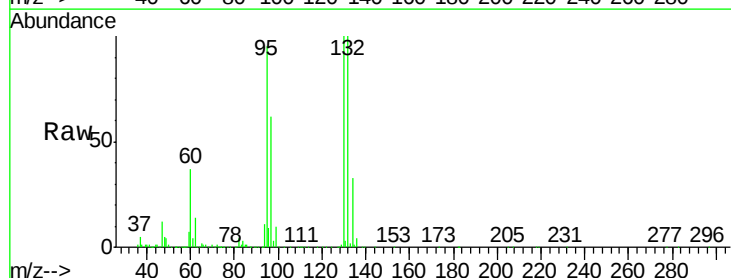
MMDadoda  
 2/11/2019 12:27:54 PM

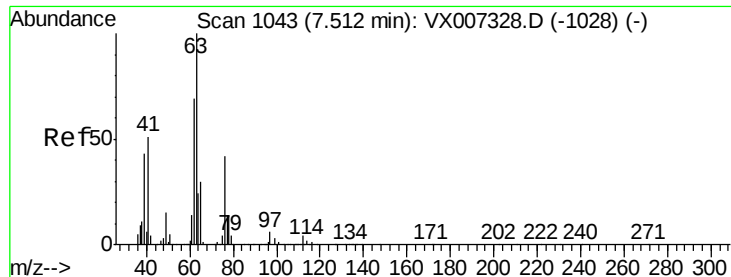


#44

Trichloroethene  
 Concen: 18.911 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.01 min  
 Lab File: VX007417.D  
 Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 95.0  | 0.0   | 180.0 |





#45

1,2-Dichloropropane

Concen: 20.020 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampleId :

VX0207WBS01

Tot Ion: 63 Resp: 93998

Ion Ratio Lower Upper

63 100

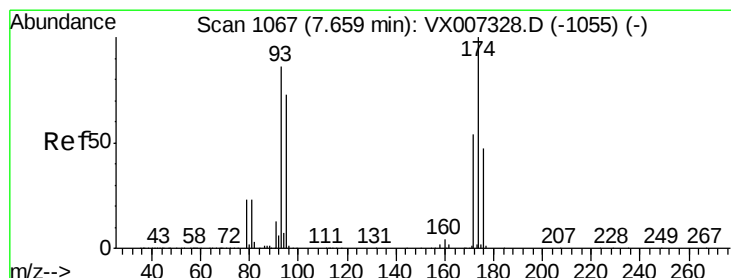
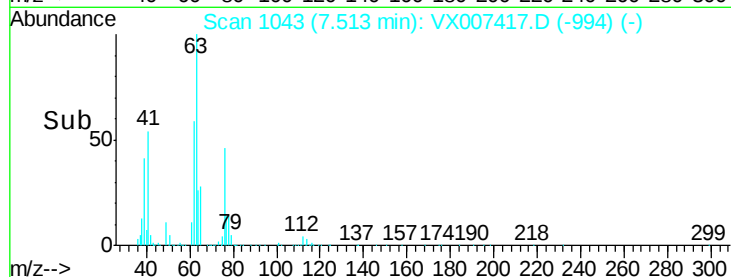
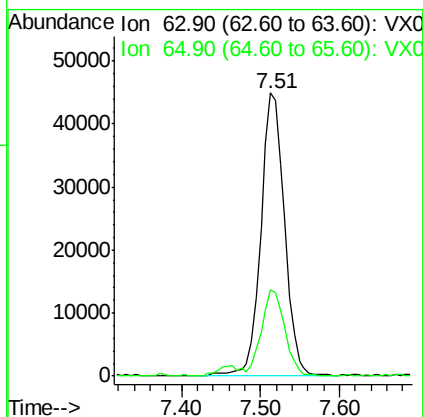
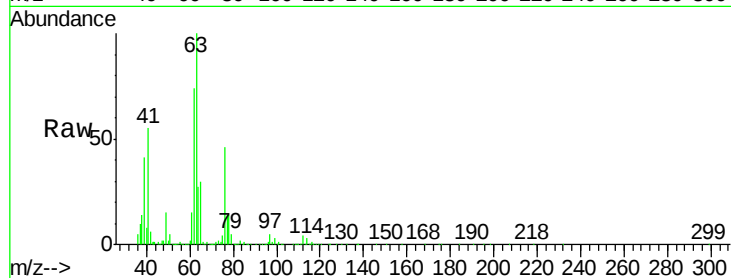
65 30.1 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 19.233 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

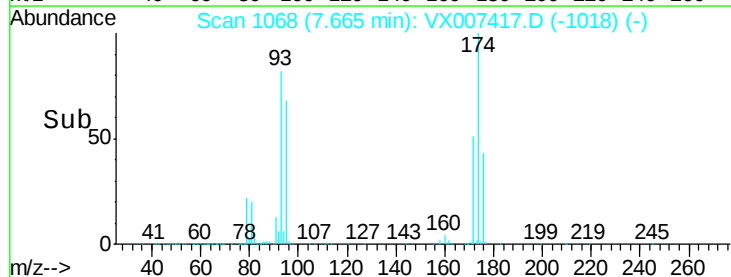
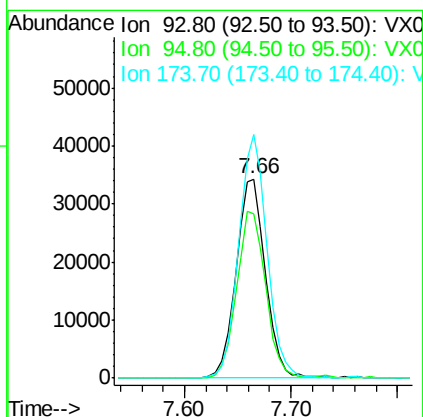
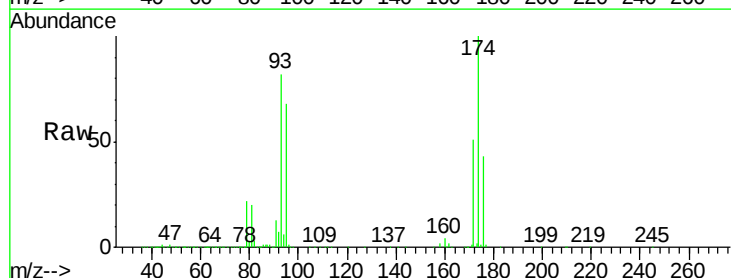
Tgt Ion: 93 Resp: 65633

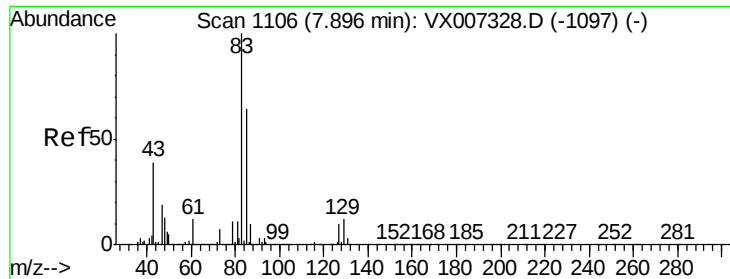
Ion Ratio Lower Upper

93 100

95 83.8 67.6 101.4

174 119.4 94.2 141.4





#47

Bromodichloromethane

Concen: 19.436 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

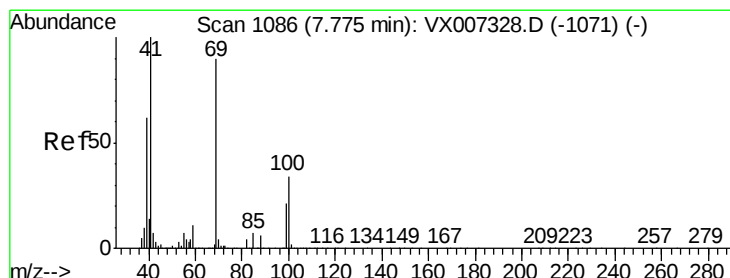
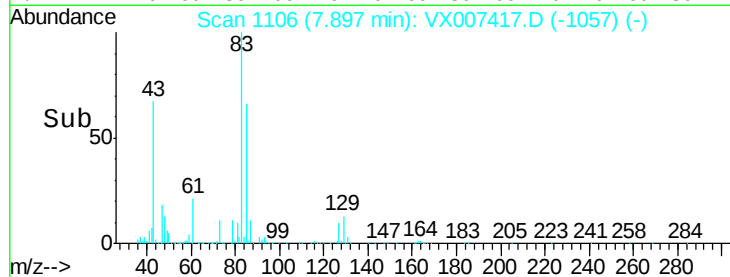
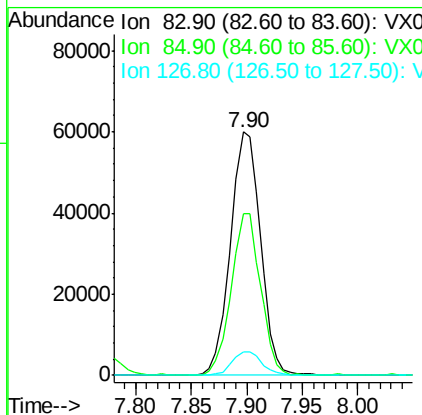
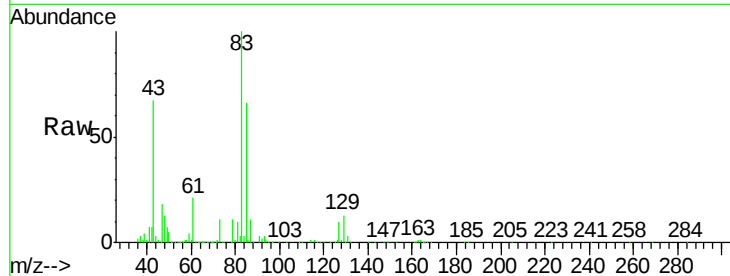
ClientSampleId :

VX0207WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 112408 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 66.2  | 51.4  | 77.0   |
| 127       | 9.6   | 8.1   | 12.1   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 21.547 ug/l

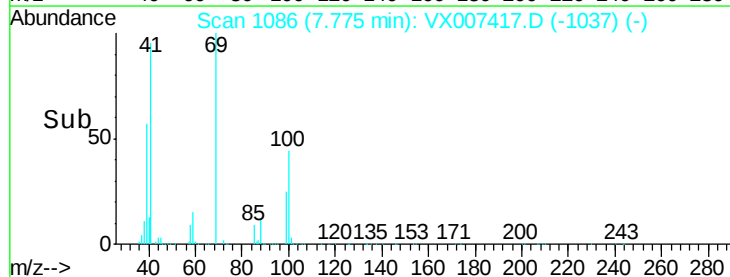
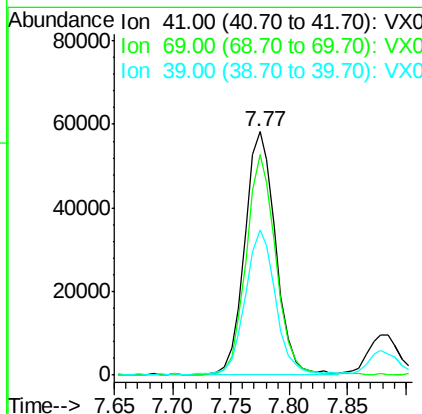
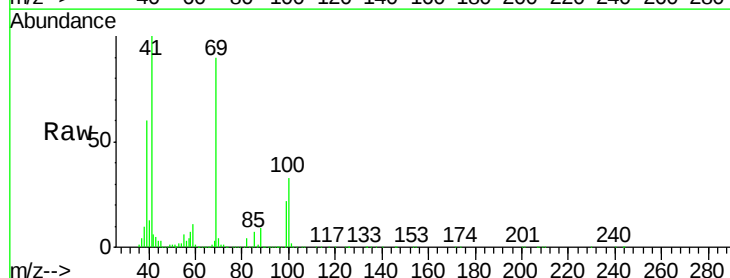
RT: 7.77 min Scan# 1086

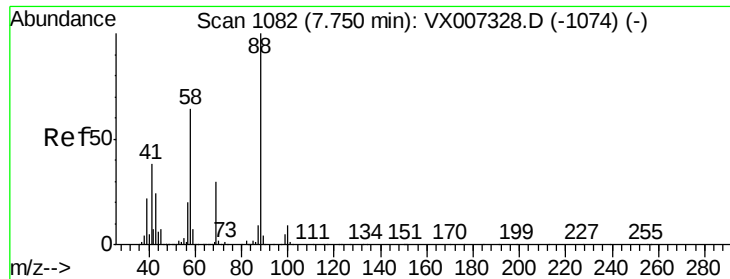
Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 106980 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 88.4  | 70.2  | 105.4  |
| 39        | 58.4  | 47.4  | 71.0   |





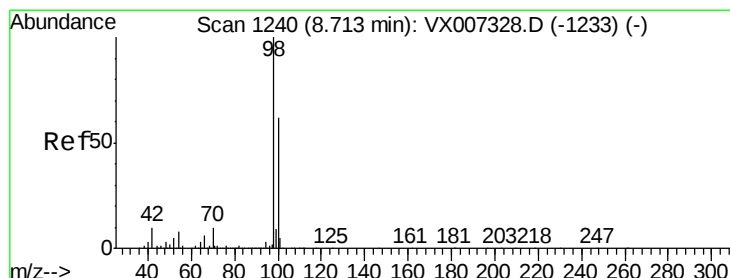
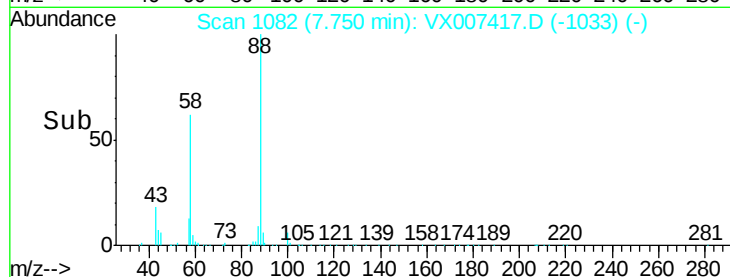
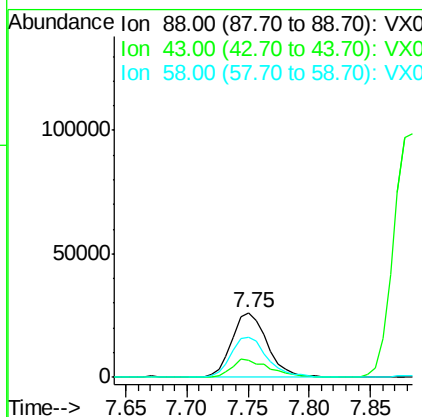
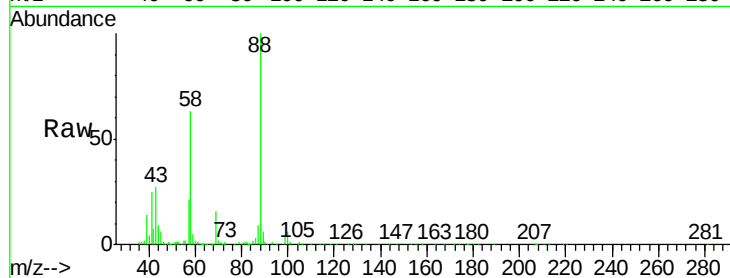
#49  
1,4-Dioxane  
Concen: 467.886 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 29.4  | 24.2  | 36.4  |
| 58      | 64.3  | 53.0  | 79.4  |

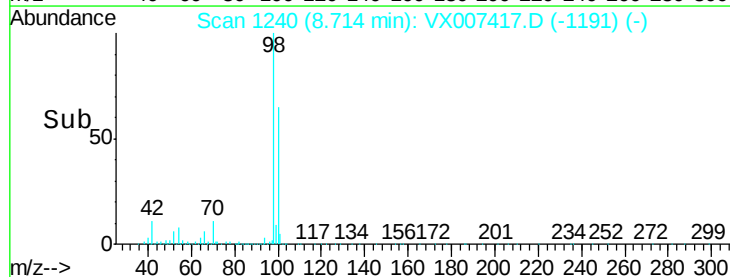
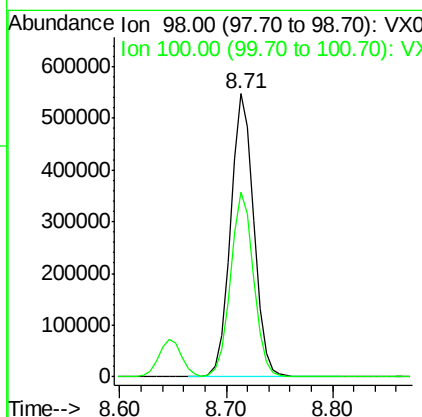
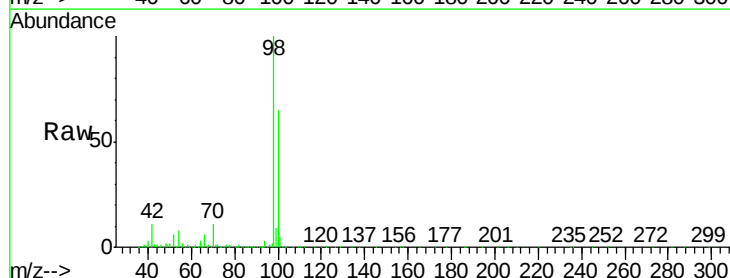
Manual Integrations  
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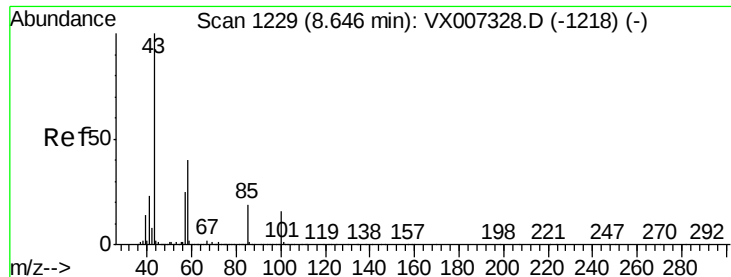
MMDadoda  
2/11/2019 12:27:54 PM



#50  
Toluene-d8  
Concen: 48.844 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.8  | 51.6  | 77.4  |





#51

4-Methyl-2-Pentanone

Concen: 107.315 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampled :

VX0207WBS01

Tot Ion: 43 Resp: 701249

Ion Ratio Lower Upper

43 100

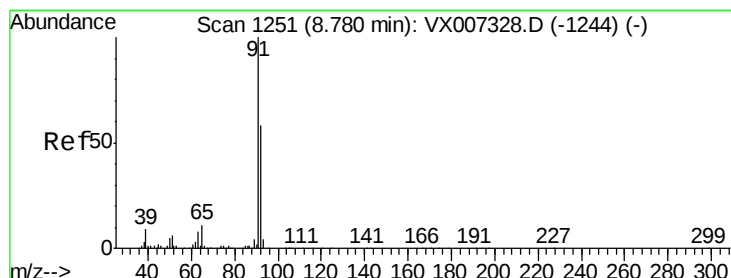
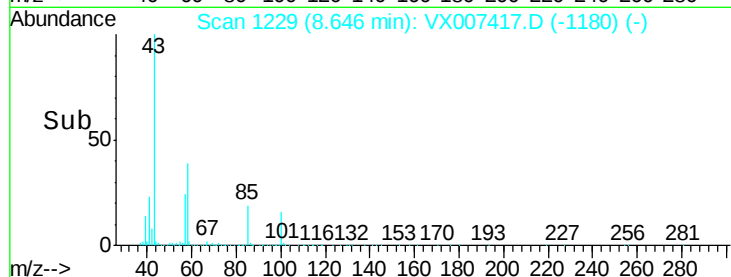
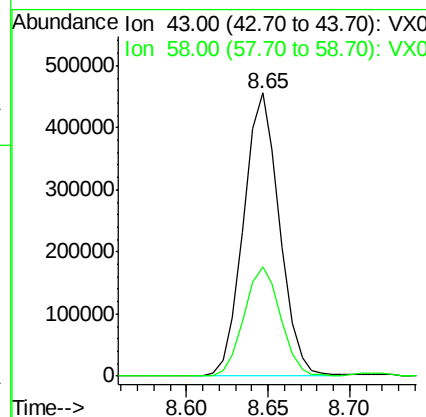
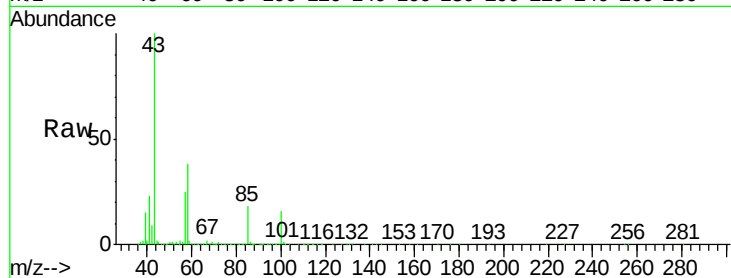
58 38.9 31.2 46.8

Manual Integrations

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#52

Toluene

Concen: 19.980 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007417.D

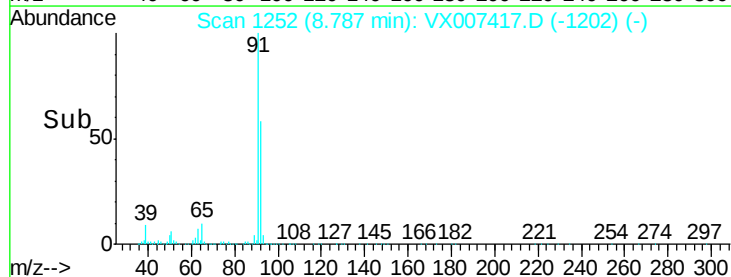
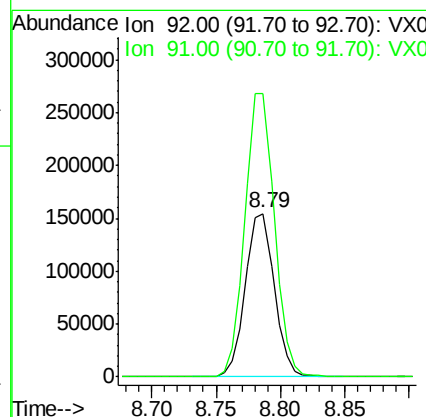
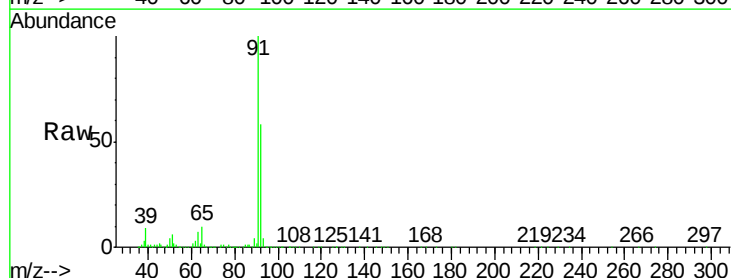
Acq: 07 Feb 2019 11:36

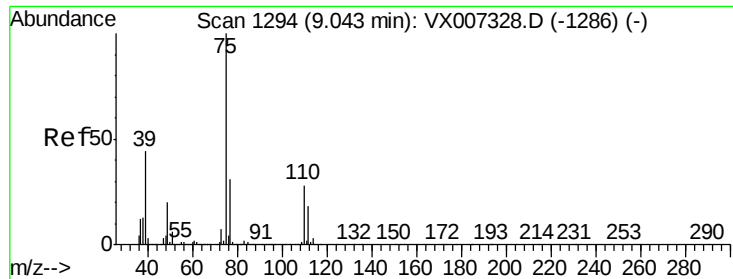
Tgt Ion: 92 Resp: 241571

Ion Ratio Lower Upper

92 100

91 176.1 139.1 208.7





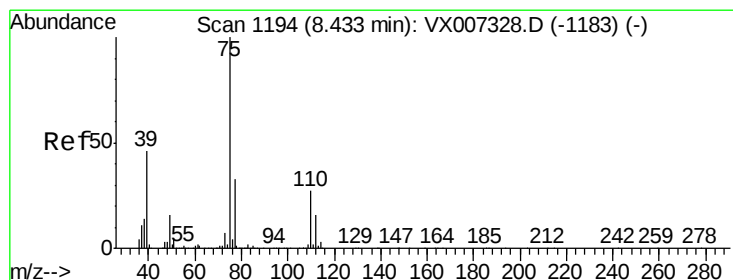
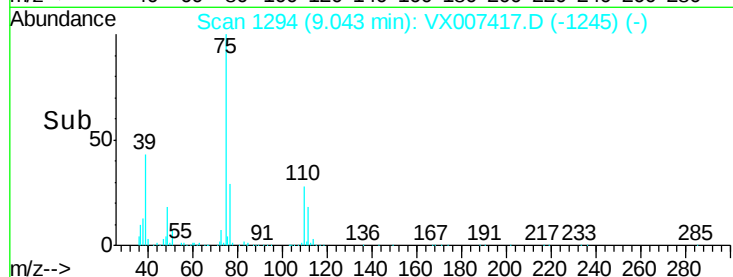
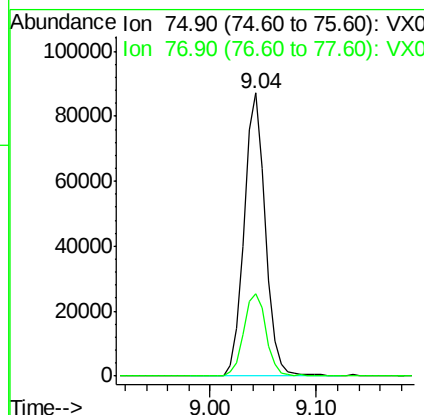
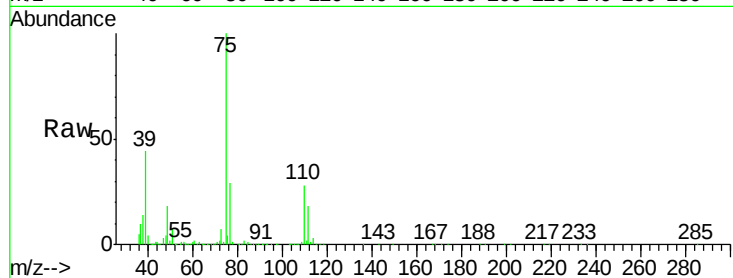
#53  
t-1,3-Dichloropropene  
Concen: 19.686 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 28.8  | 25.2  | 37.8  |

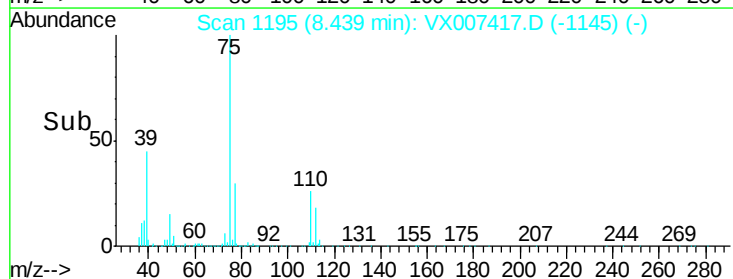
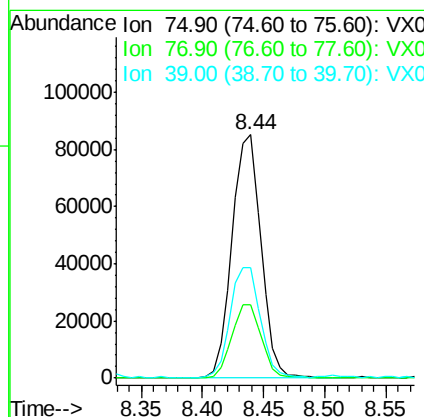
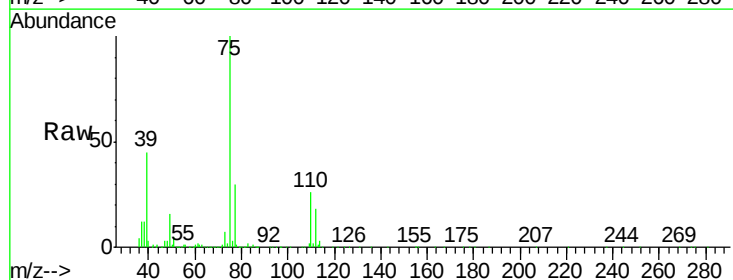
Manual Integrations  
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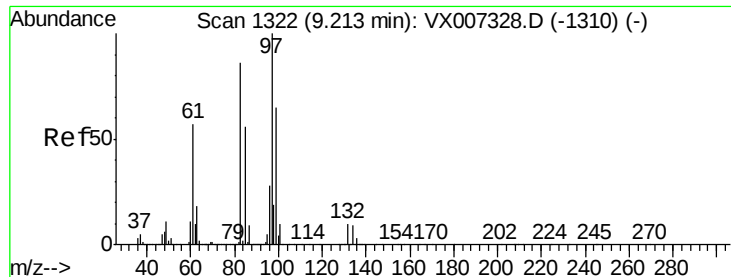
MMDadoda  
2/11/2019 12:27:54 PM



#54  
cis-1,3-Dichloropropene  
Concen: 20.434 ug/l  
RT: 8.44 min Scan# 1195  
Delta R.T. 0.01 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 29.9  | 26.2  | 39.4  |
| 39      | 45.1  | 37.1  | 55.7  |





#55

1,1,2-Trichloroethane

Concen: 20.315 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

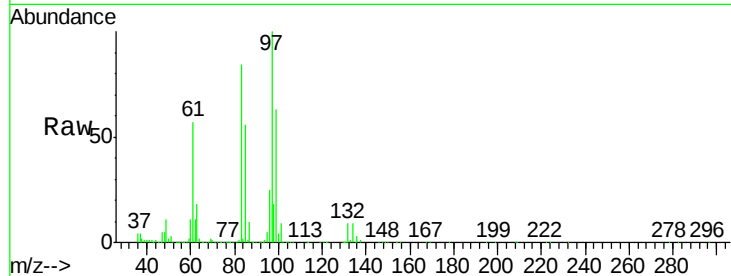
ClientSampled :

VX0207WBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 102384 |       |       |
| 83      | 83.8 | 68.6  | 102.8  |       |       |
| 85      | 55.3 | 44.5  | 66.7   |       |       |
| 99      | 63.1 | 52.2  | 78.4   |       |       |

Manual Integrations  
APPROVED

MMDadoda  
2/11/2019 12:27:54 PM



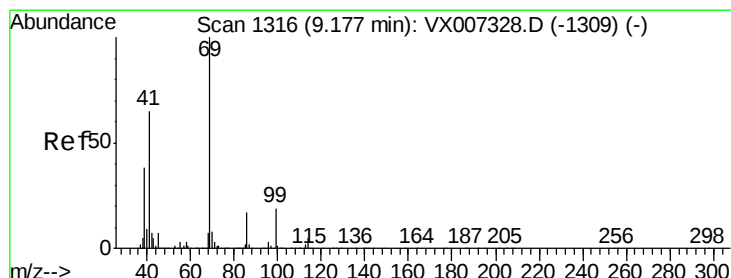
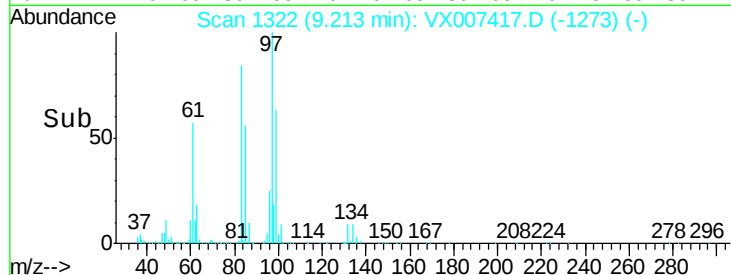
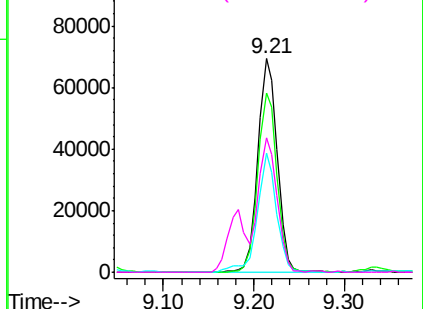
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.582 ug/l

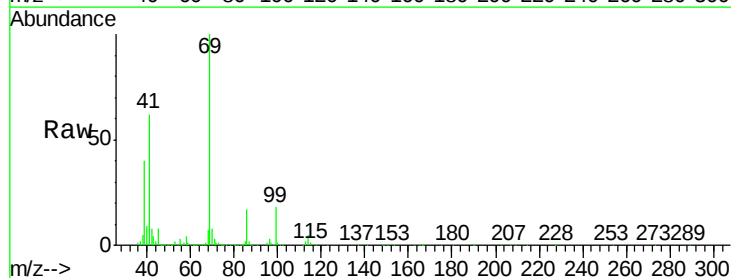
RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 143673 |       |       |
| 41      | 61.4 | 52.1  | 78.1   |       |       |
| 39      | 37.2 | 30.1  | 45.1   |       |       |

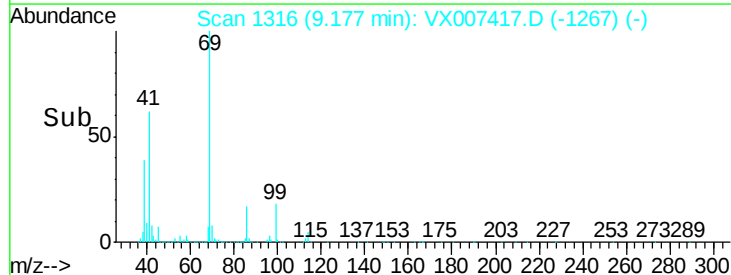
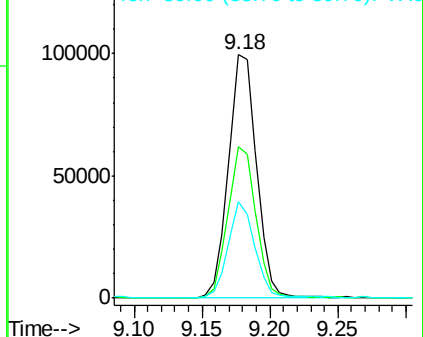


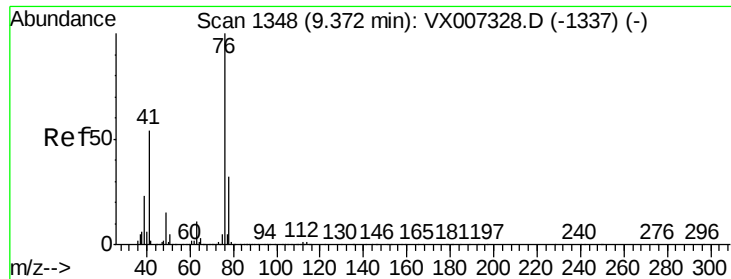
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





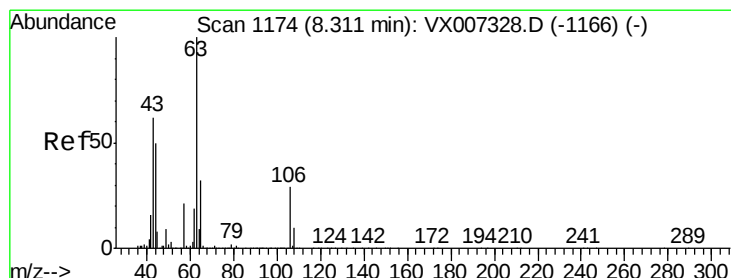
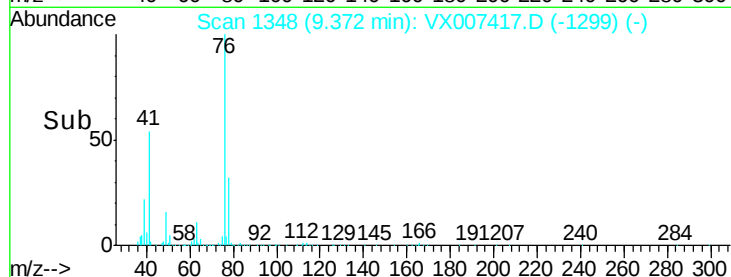
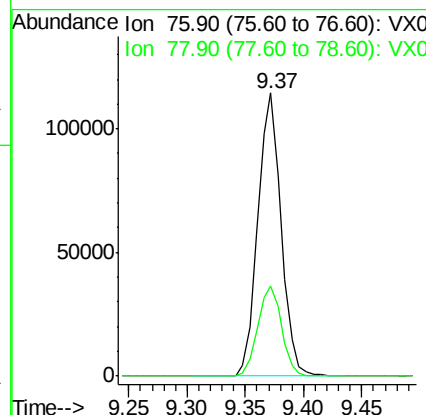
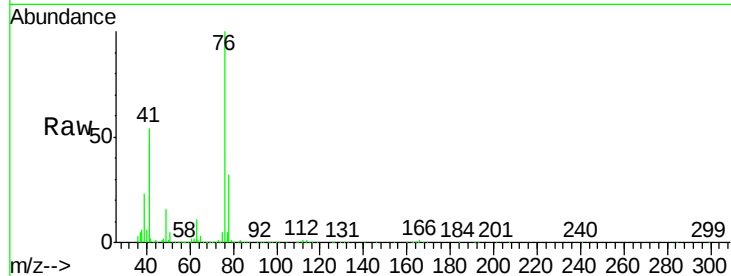
#57  
 1,3-Dichloropropane  
 Concen: 19.969 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX007417.D  
 Acq: 07 Feb 2019 11:36

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.7  | 25.8  | 38.8  |

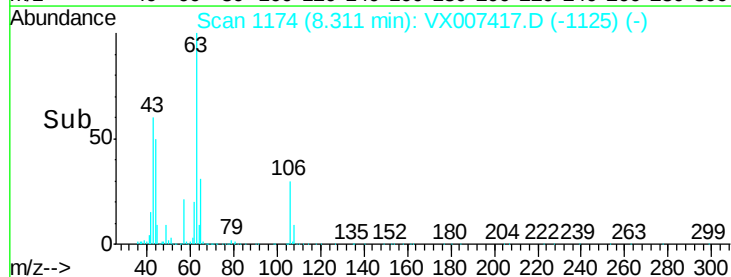
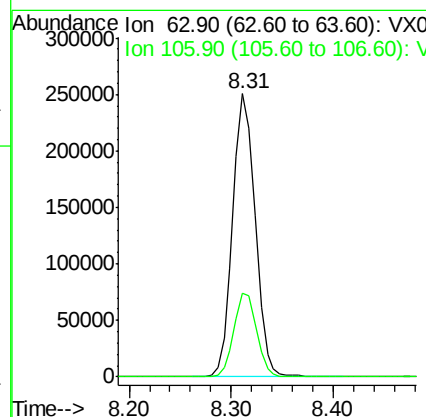
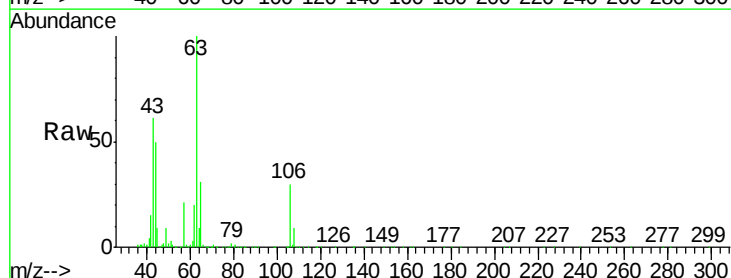
Manual Integrations  
 APPROVED

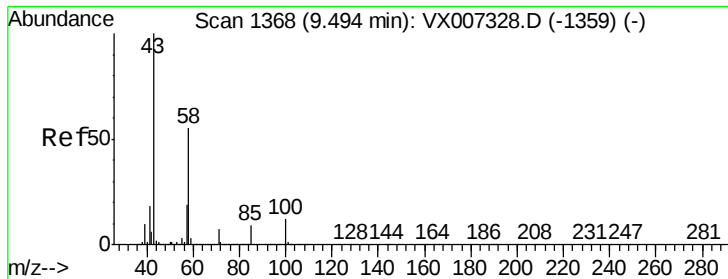
MMDadoda  
 2/11/2019 12:27:54 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 103.888 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: VX007417.D  
 Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 30.3  | 23.6  | 35.4  |





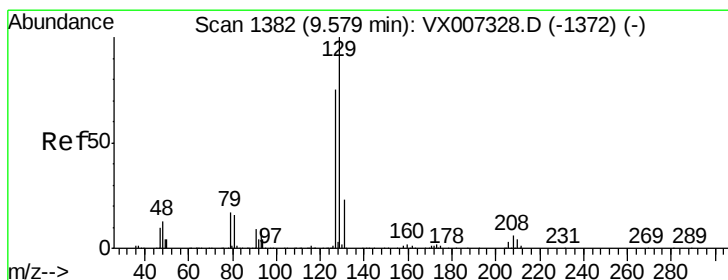
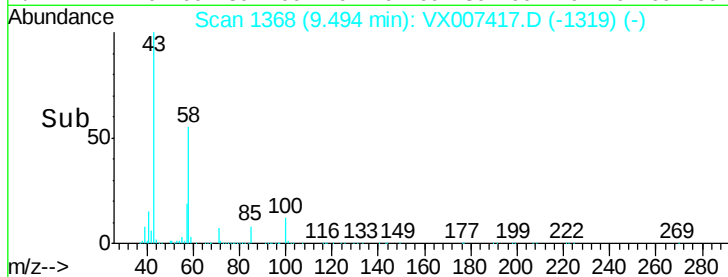
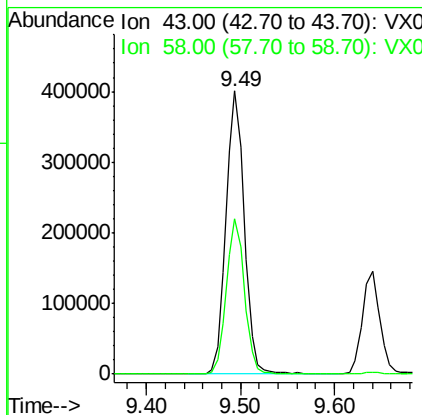
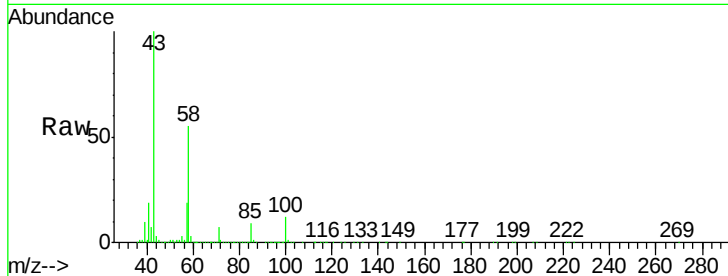
#59  
2-Hexanone  
Concen: 106.832 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 54.1  | 27.1  | 81.3  |

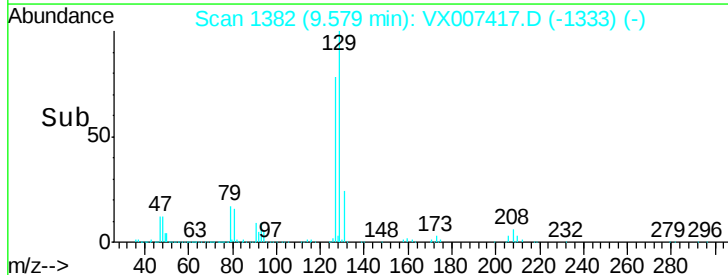
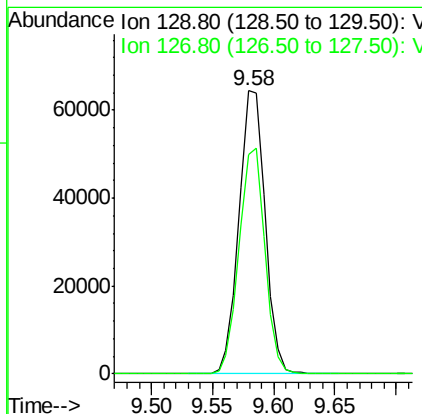
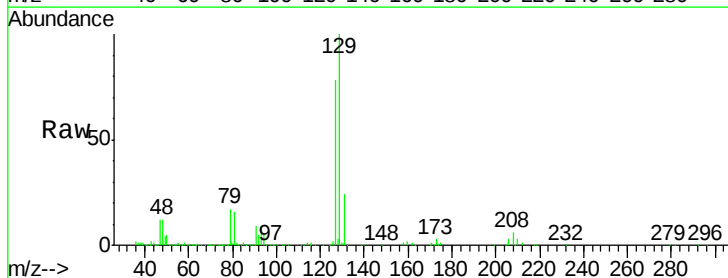
Manual Integrations  
APPROVED

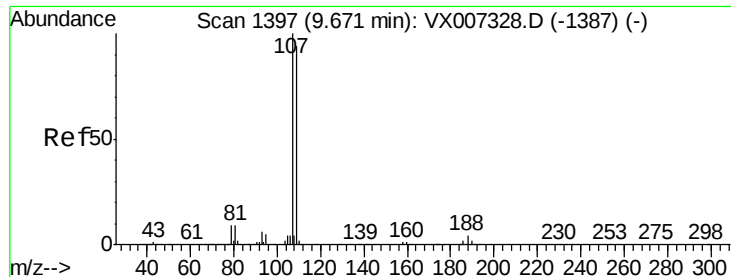
MMDadoda  
2/11/2019 12:27:54 PM



#60  
Dibromochloromethane  
Concen: 20.071 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.5  | 37.8  | 113.4 |





#61

1,2-Dibromoethane

Concen: 20.734 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampleId :

VX0207WBS01

Tot Ion: 107 Resp: 110665

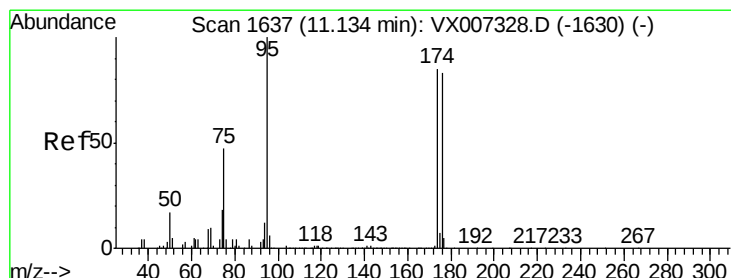
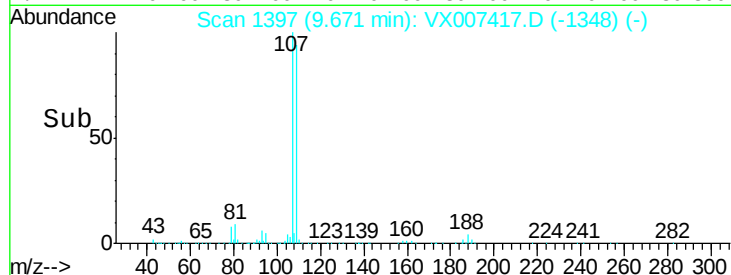
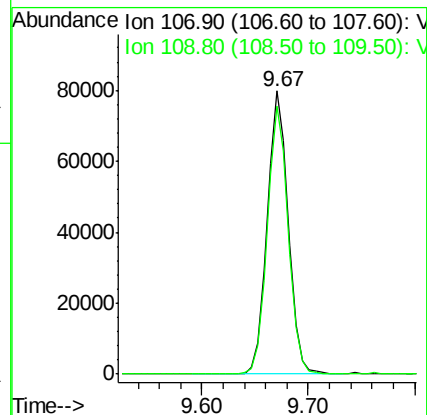
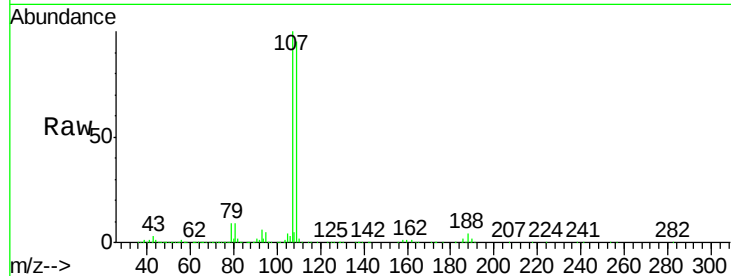
Ion Ratio Lower Upper

107 100

109 93.6 75.1 112.7

Manual Integrations  
APPROVED

MMDadoda  
2/11/2019 12:27:54 PM



#62

4-Bromofluorobenzene

Concen: 47.393 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

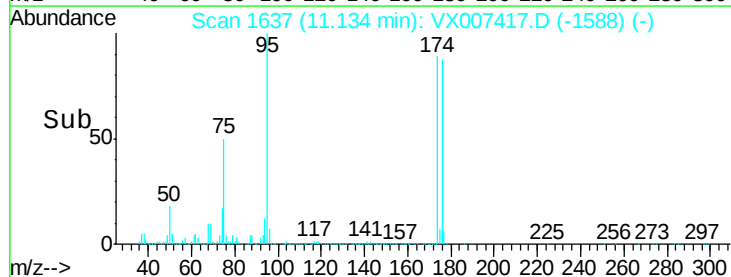
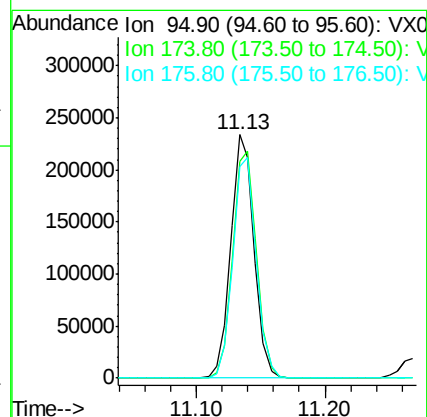
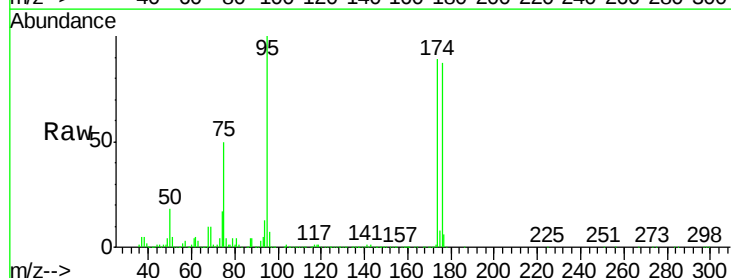
Tgt Ion: 95 Resp: 296173

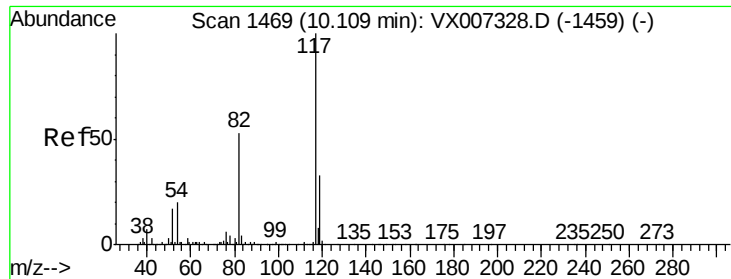
Ion Ratio Lower Upper

95 100

174 95.5 0.0 189.2

176 91.9 0.0 186.2





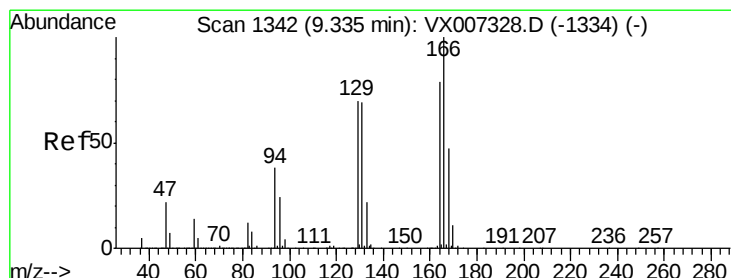
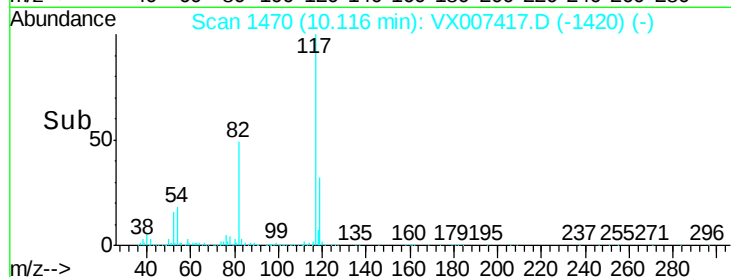
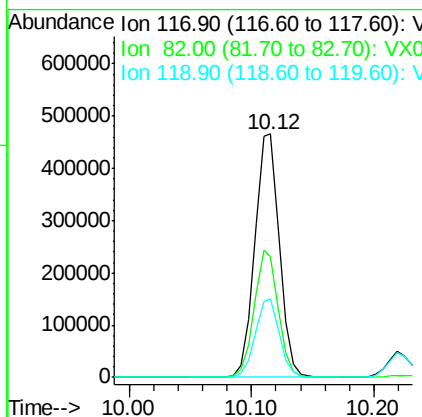
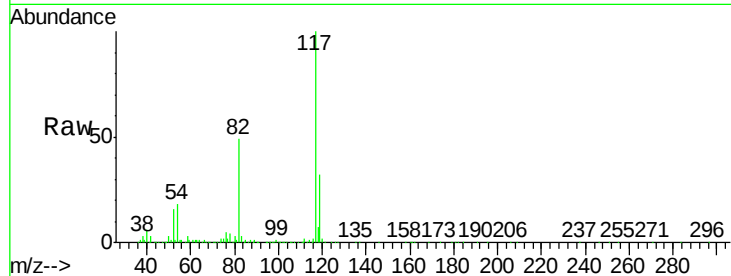
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 117     | 100   |            |            |
| 82      | 49.4  | 42.1       | 63.1       |
| 119     | 32.3  | 26.5       | 39.7       |

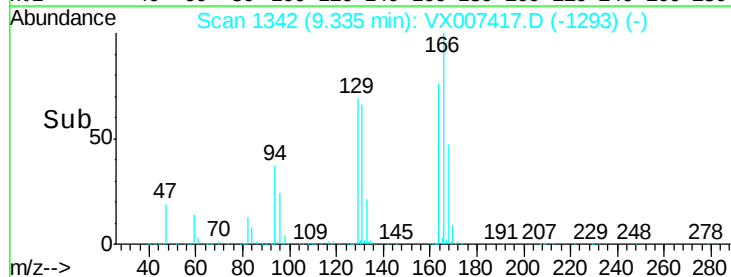
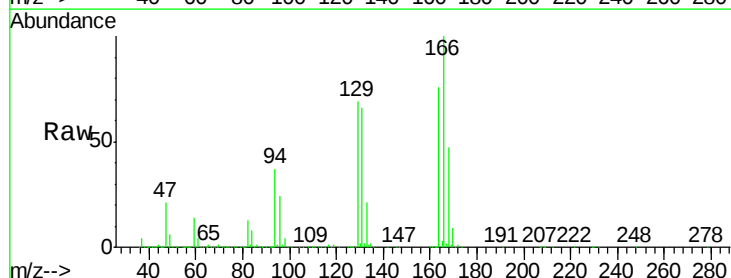
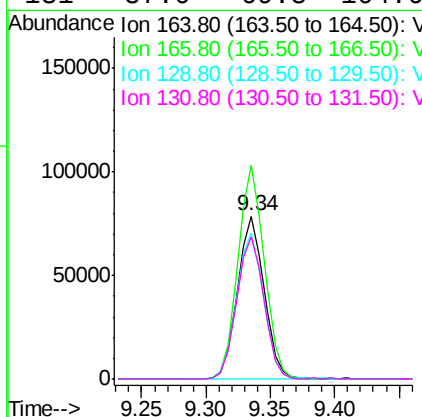
Manual Integrations  
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2/11/2019 12:27:54 PM



#64  
Tetrachloroethene  
Concen: 18.320 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 164     | 100   |            |            |
| 166     | 130.9 | 101.0      | 151.4      |
| 129     | 89.7  | 70.5       | 105.7      |
| 131     | 87.0  | 69.8       | 104.6      |





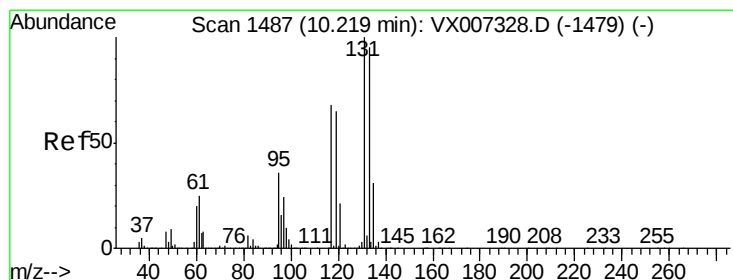
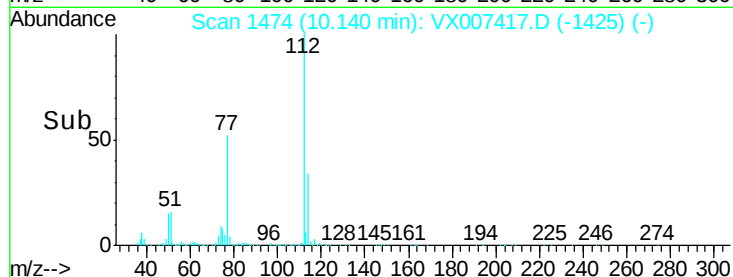
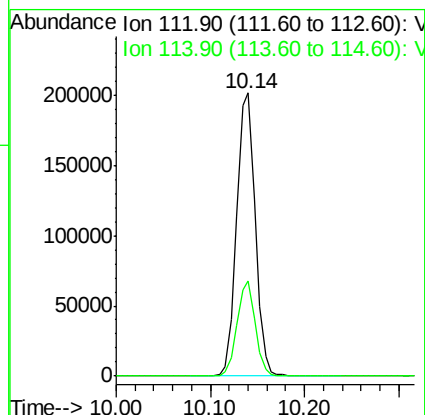
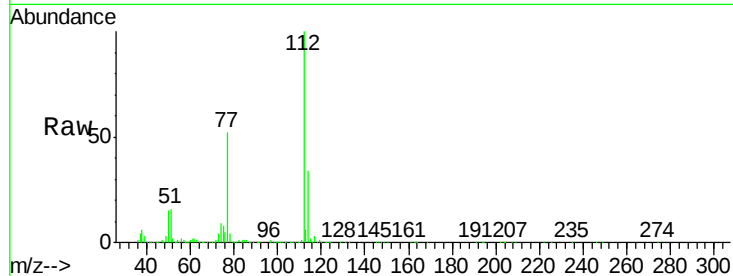
#65  
Chlorobenzene  
Concen: 19.316 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

Tot Ion:112 Resp: 276463  
Ion Ratio Lower Upper  
112 100  
114 33.8 25.8 38.6

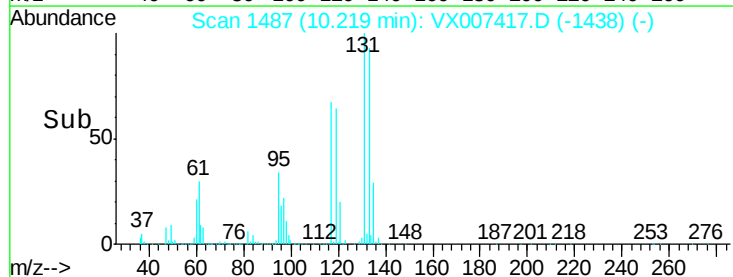
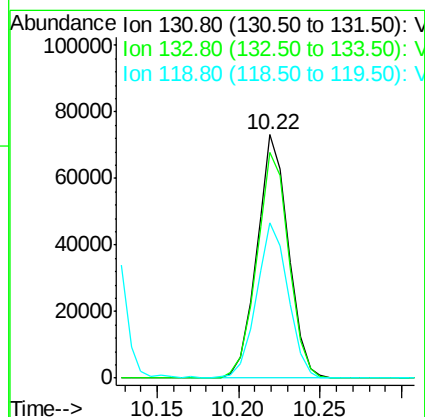
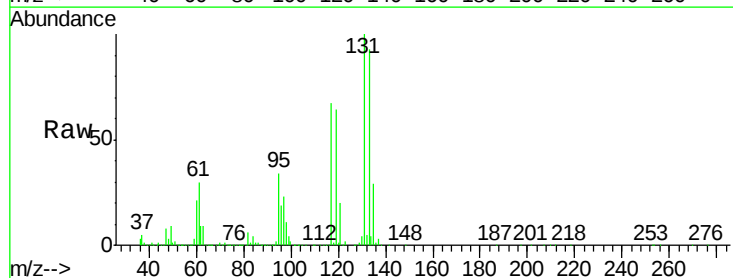
Manual Integrations  
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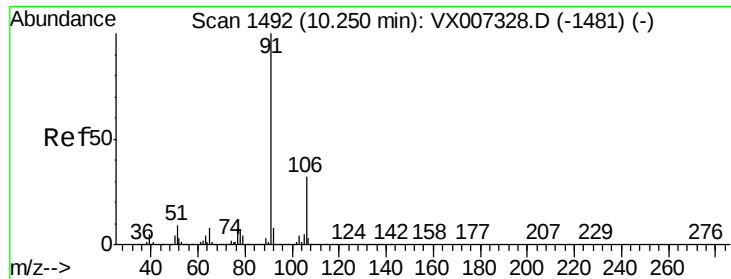
MMDadoda  
2/11/2019 12:27:54 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.316 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Tgt Ion:131 Resp: 97486  
Ion Ratio Lower Upper  
131 100  
133 94.7 48.0 144.2  
119 63.9 32.0 96.0





#67

Ethyl Benzene

Concen: 19.725 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampled :

VX0207WBS01

Tot Ion: 91 Resp: 454624

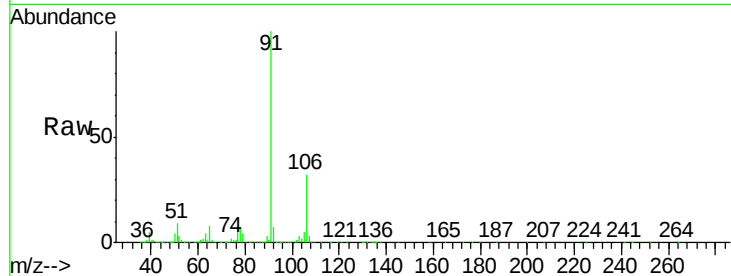
Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.0

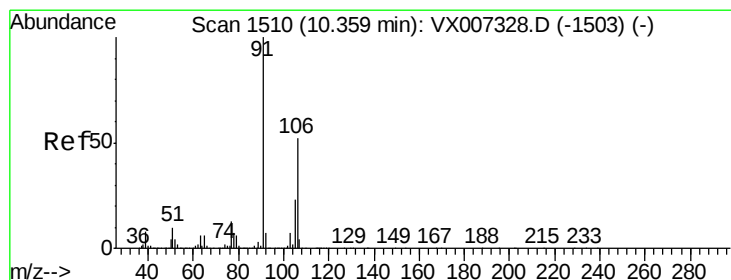
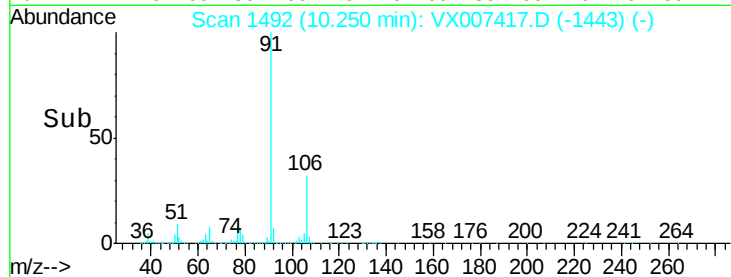
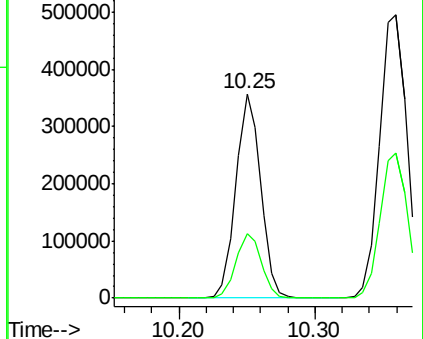
Manual Integrations  
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2/11/2019 12:27:54 PM



Abundance Ion 91.00 (90.70 to 91.70): VX007417.D (-1443) (-)

Ion 106.00 (105.70 to 106.70): VX007417.D (-1443) (-)



#68

m/p-Xylenes

Concen: 38.936 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007417.D

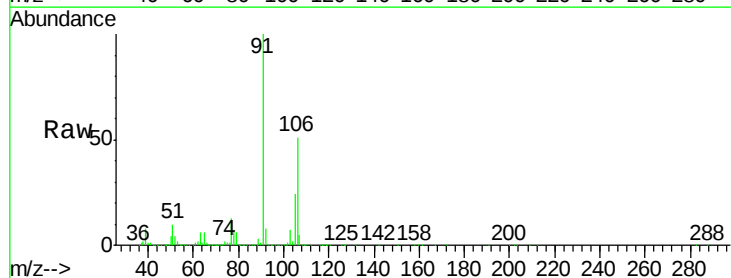
Acq: 07 Feb 2019 11:36

Tgt Ion: 106 Resp: 356732

Ion Ratio Lower Upper

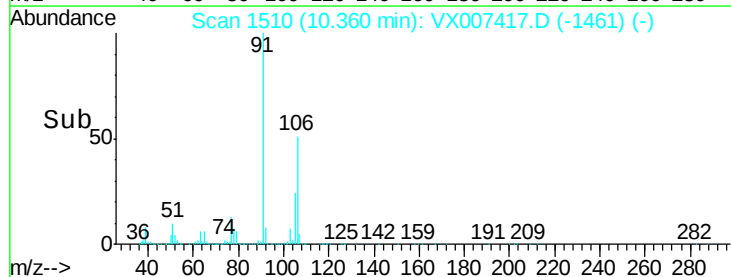
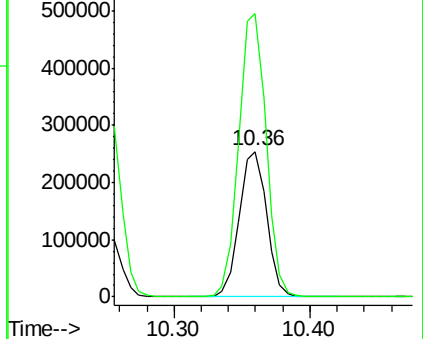
106 100

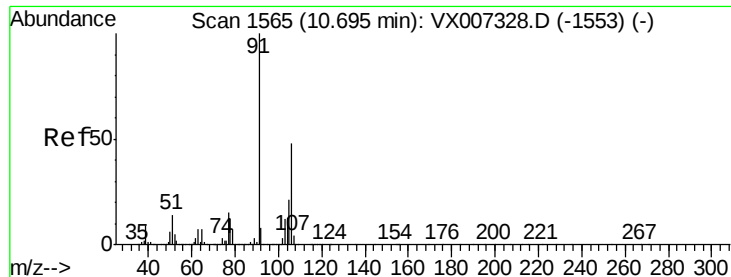
91 194.6 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): VX007417.D (-1461) (-)

Ion 91.00 (90.70 to 91.70): VX007417.D (-1461) (-)





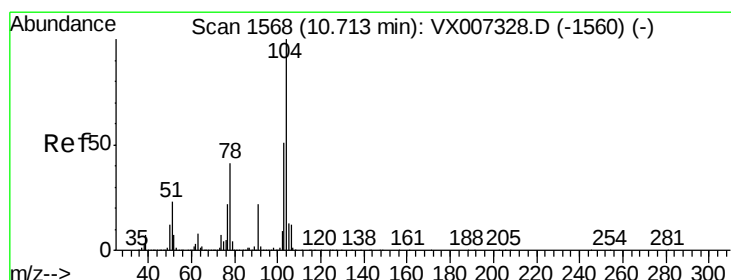
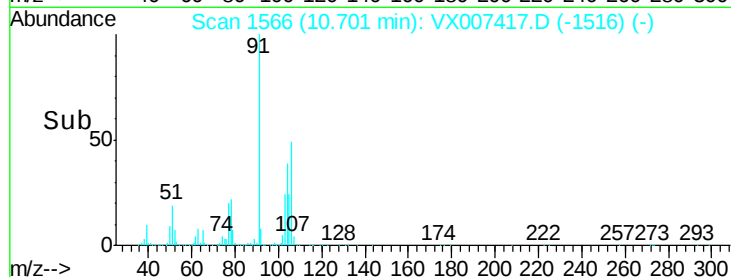
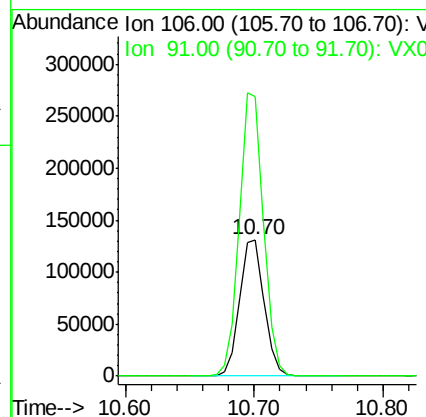
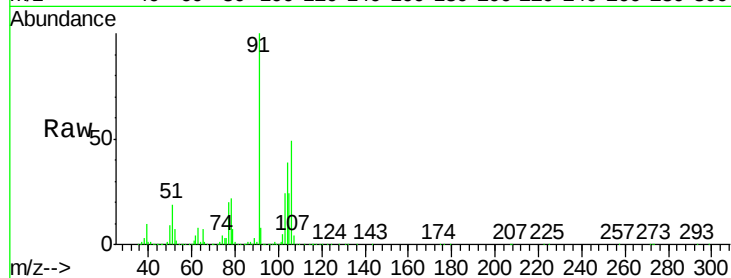
#69  
o-Xylene  
Concen: 19.769 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.01 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 204.7 | 102.9 | 308.7 |

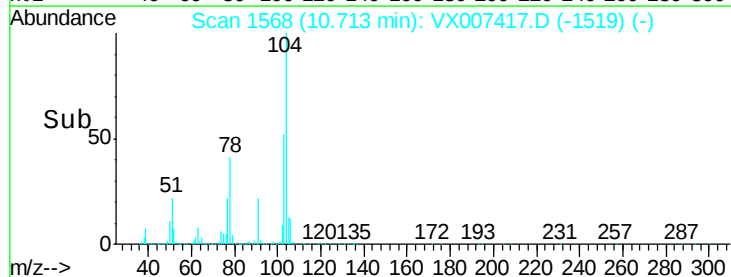
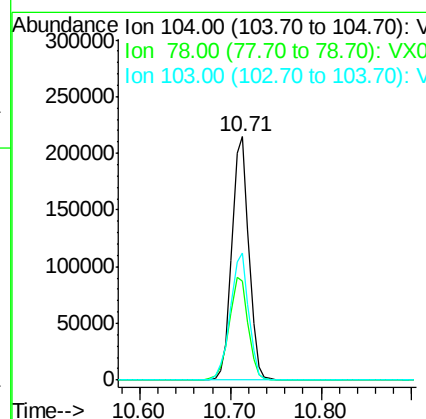
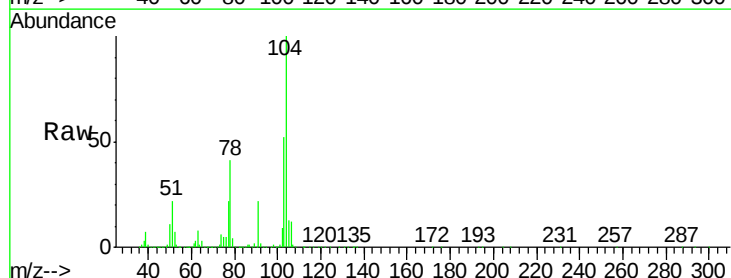
Manual Integrations  
APPROVED

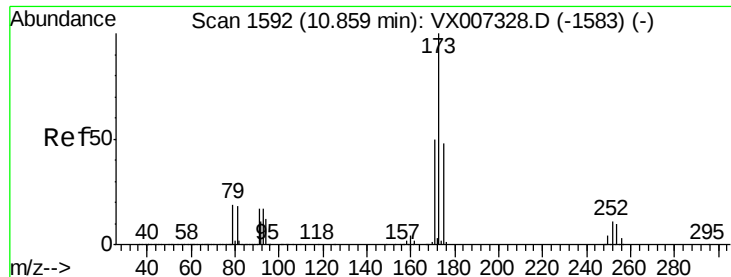
MMDadoda  
2/11/2019 12:27:54 PM



#70  
Styrene  
Concen: 19.635 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 47.2  | 38.3  | 57.5  |
| 103     | 56.4  | 44.6  | 67.0  |





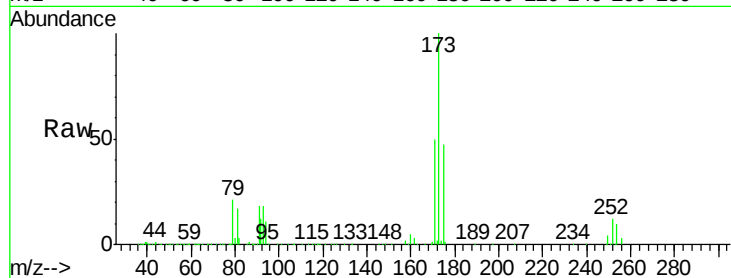
#71  
Bromoform  
Concen: 19.337 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

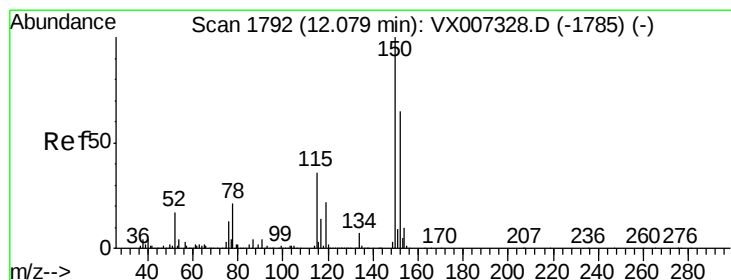
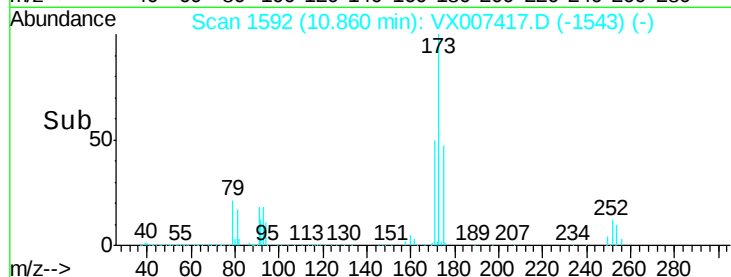
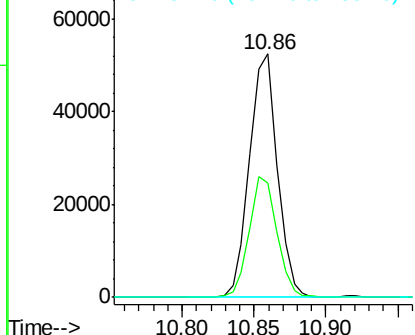
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.1  | 24.2  | 72.6  |
| 254     | 0.0   | 0.2   | 0.2   |

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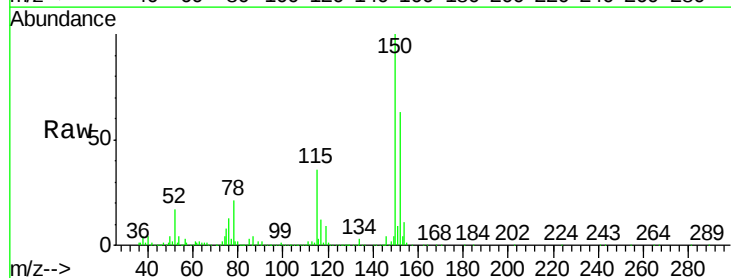


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

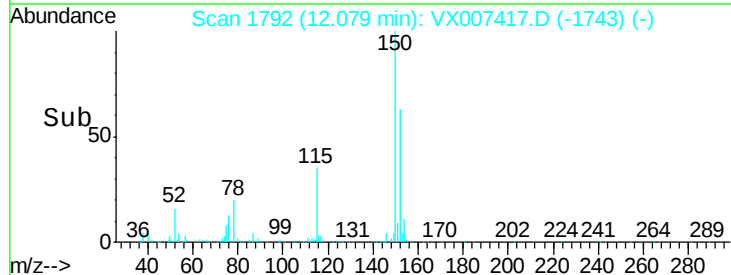
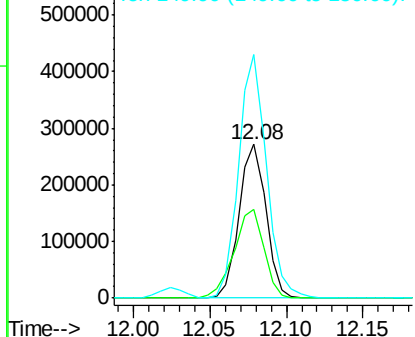


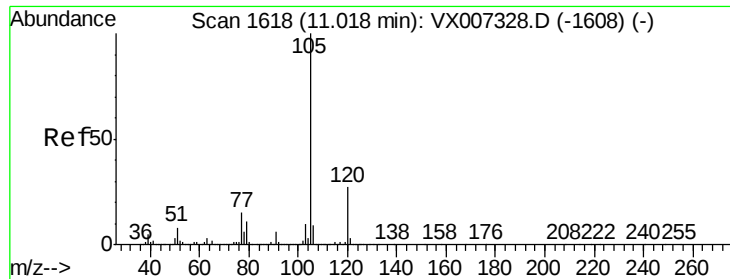
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 64.3  | 38.0  | 114.0 |
| 150     | 163.6 | 0.0   | 346.4 |



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: 20.913 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampleId :

VX0207WBS01

Tot Ion:105 Resp: 470734

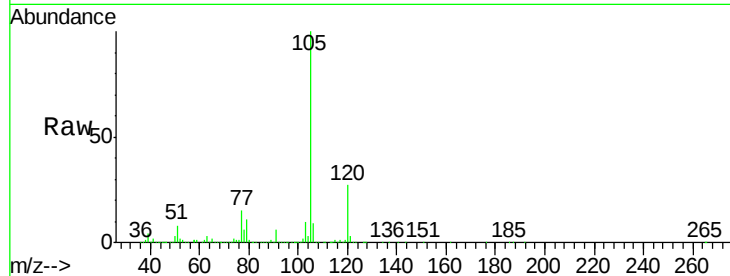
Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7

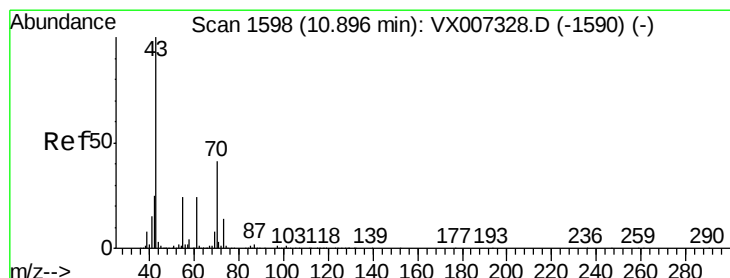
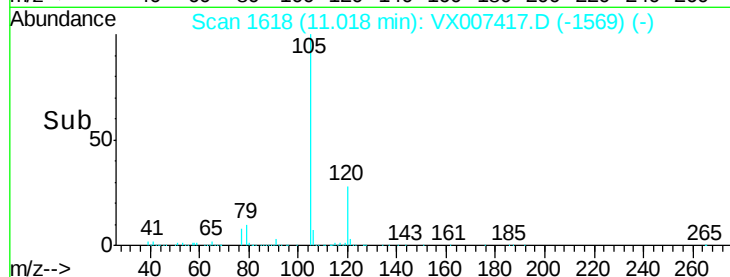
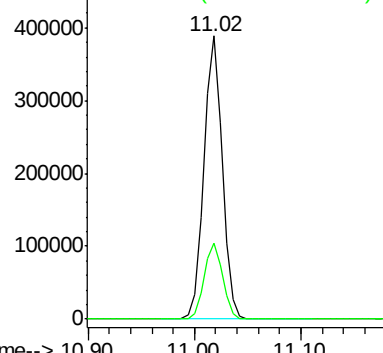
Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.563 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Tgt Ion: 43 Resp: 179026

Ion Ratio Lower Upper

43 100

70 44.0 33.8 50.6

55 25.4 19.5 29.3

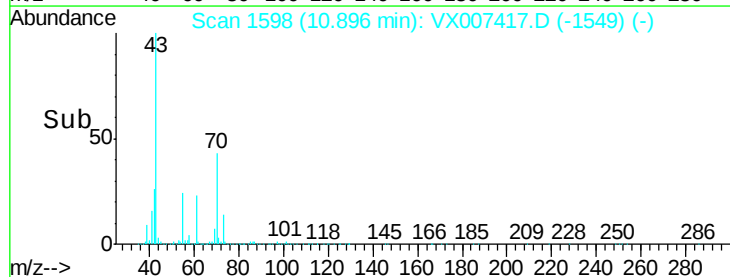
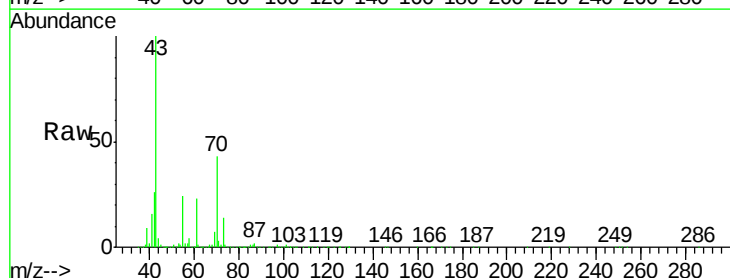
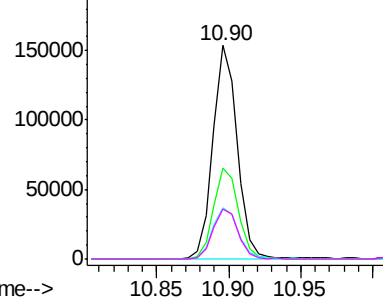
61 24.7 19.4 29.2

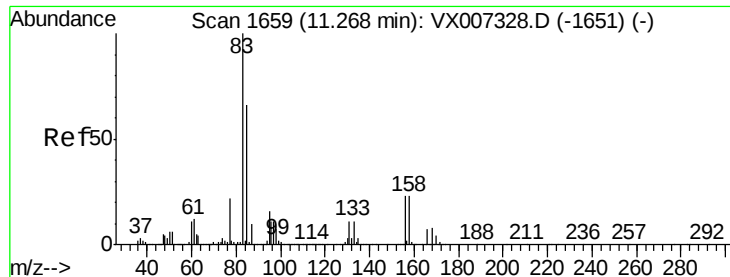
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.709 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

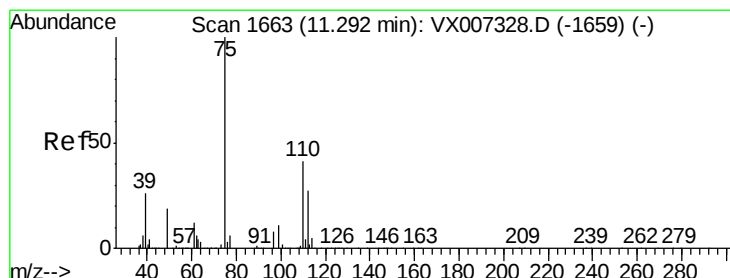
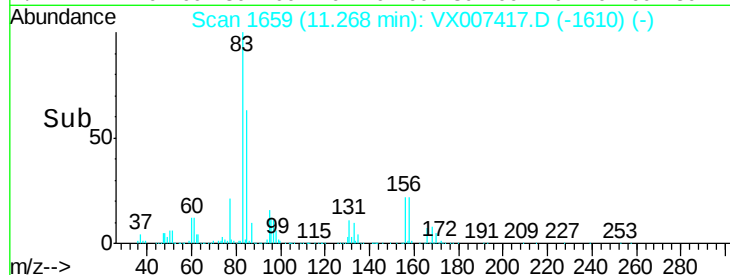
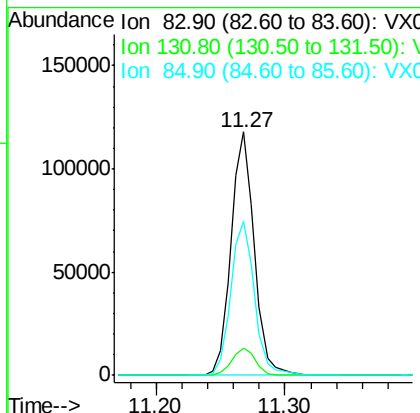
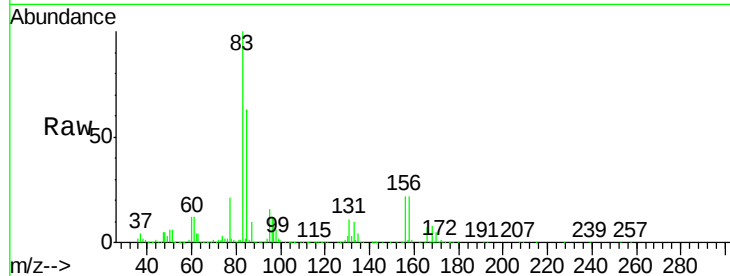
ClientSampleId :

VX0207WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 148920 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.5  | 5.7   | 17.0   |
| 85        | 64.6  | 32.8  | 98.3   |

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#76

1,2,3-Trichloropropane

Concen: 19.034 ug/l m

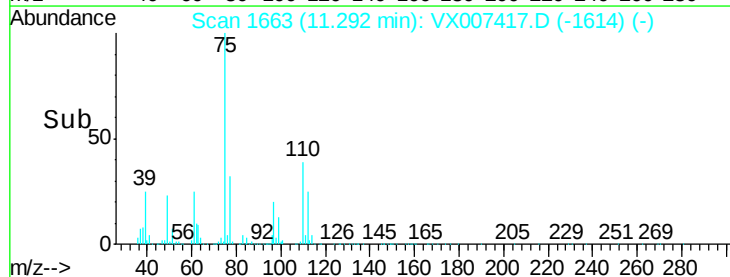
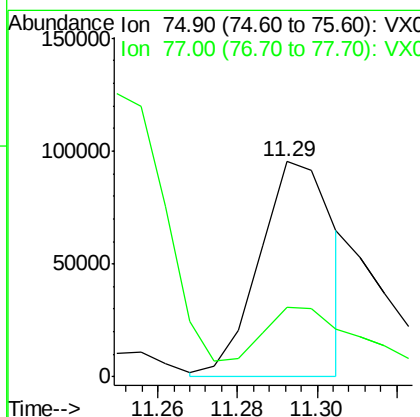
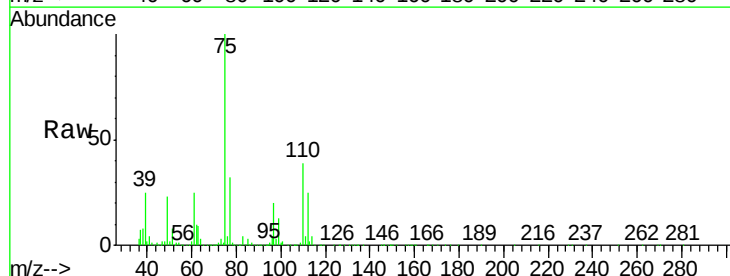
RT: 11.29 min Scan# 1663

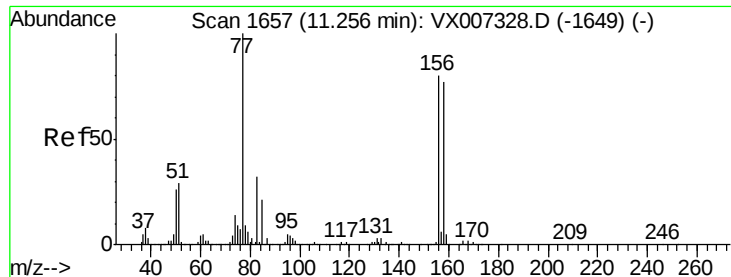
Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 122632 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 45.2  | 23.0  | 69.0   |





#77

Bromobenzene

Concen: 20.108 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

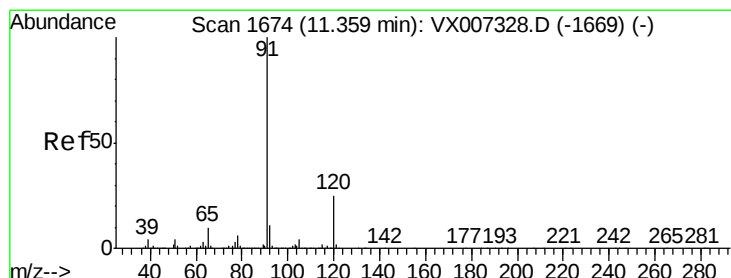
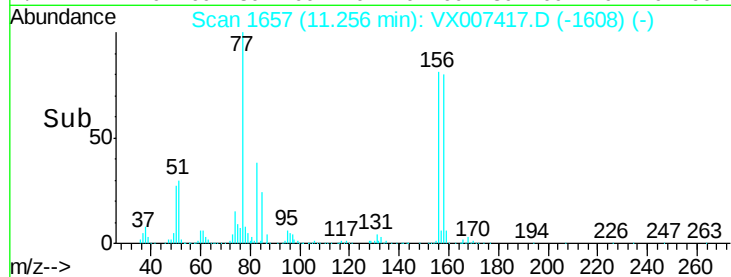
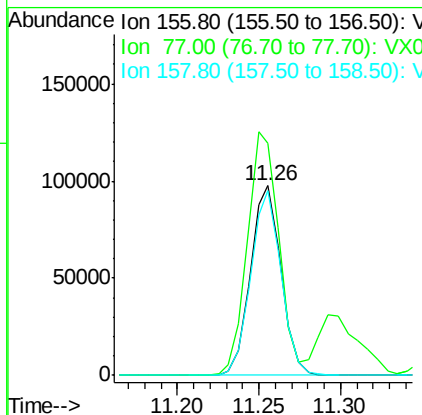
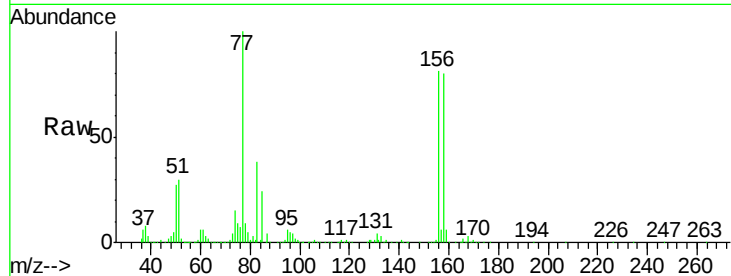
ClientSampleId :

VX0207WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 132.1 | 66.8  | 200.6 |
| 158     | 96.7  | 47.9  | 143.8 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 20.797 ug/l

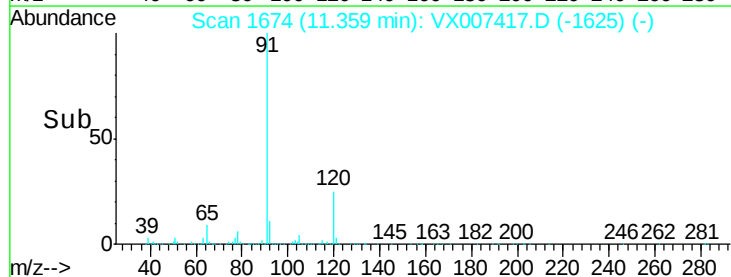
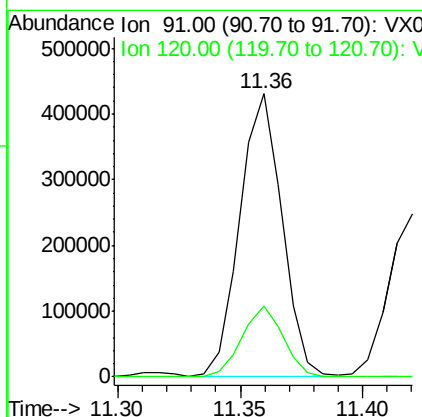
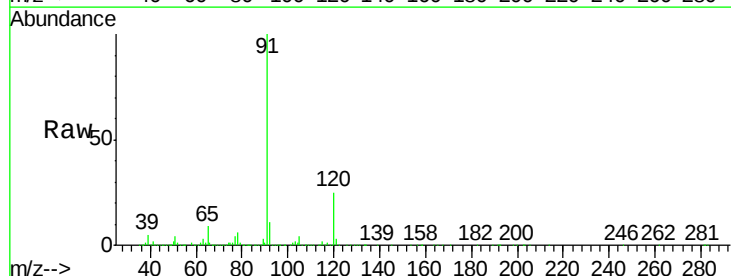
RT: 11.36 min Scan# 1674

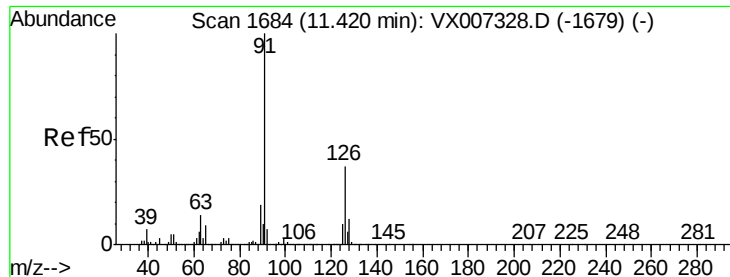
Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.6  | 12.4  | 37.2  |





#79

2-Chlorotoluene

Concen: 20.347 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampled :

VX0207WBS01

Tot Ion: 91 Resp: 304736

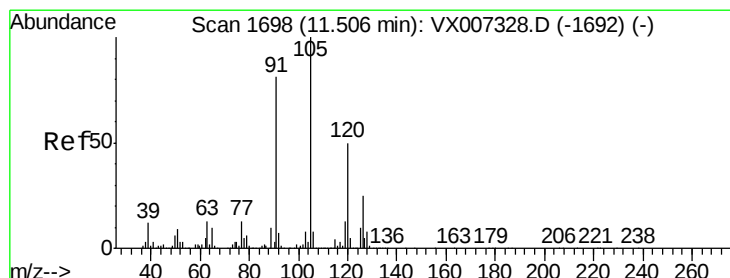
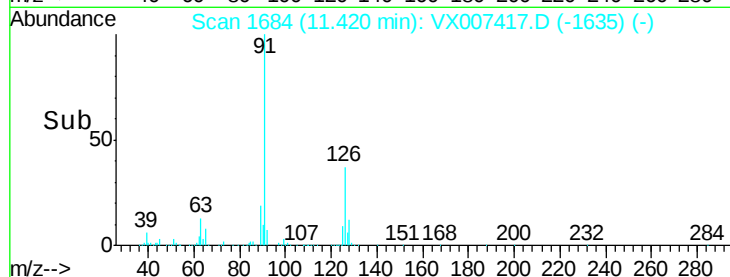
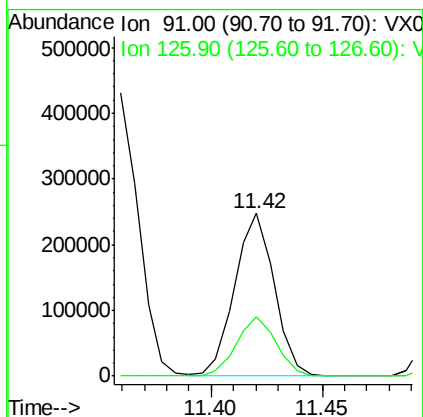
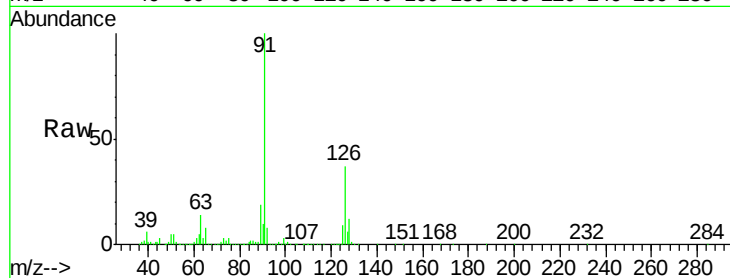
Ion Ratio Lower Upper

91 100

126 37.3 18.7 56.1

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#80

1,3,5-Trimethylbenzene

Concen: 20.526 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007417.D

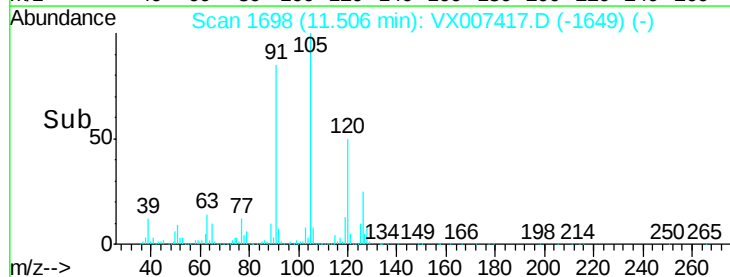
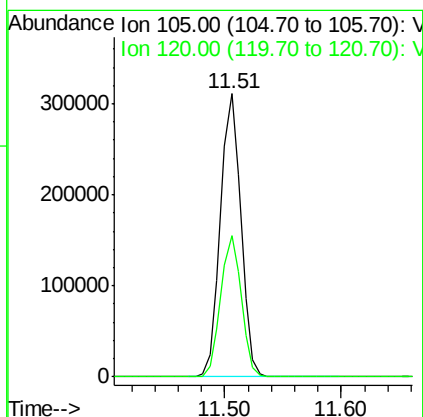
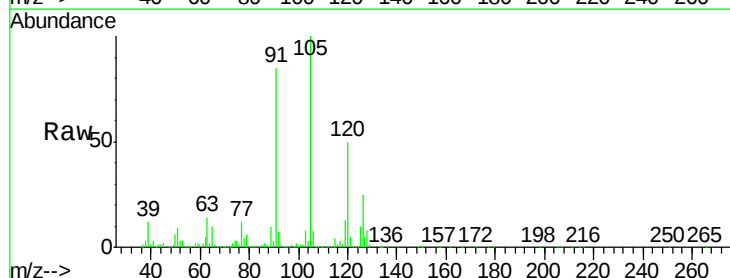
Acq: 07 Feb 2019 11:36

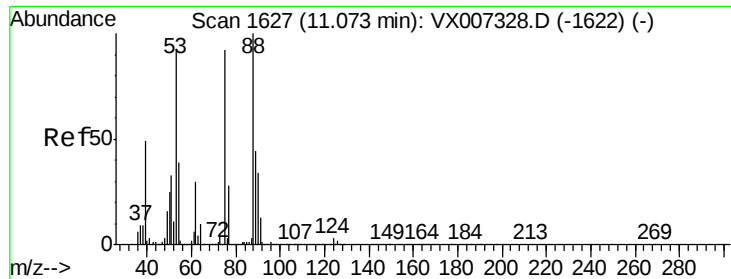
Tgt Ion: 105 Resp: 377979

Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.092 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

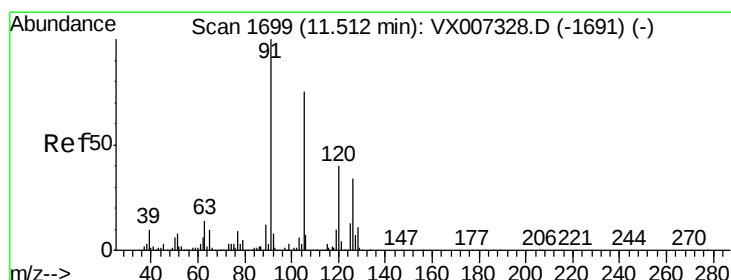
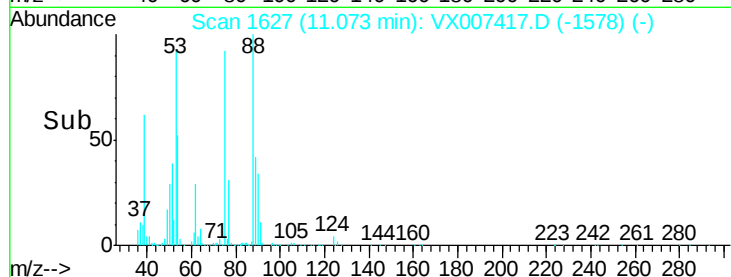
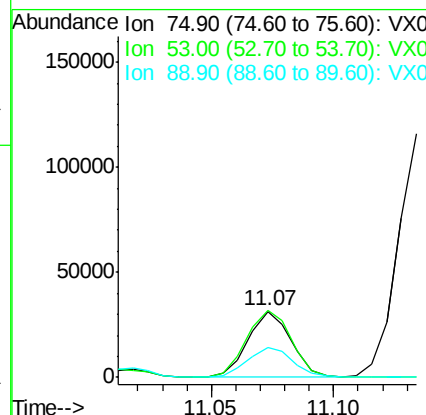
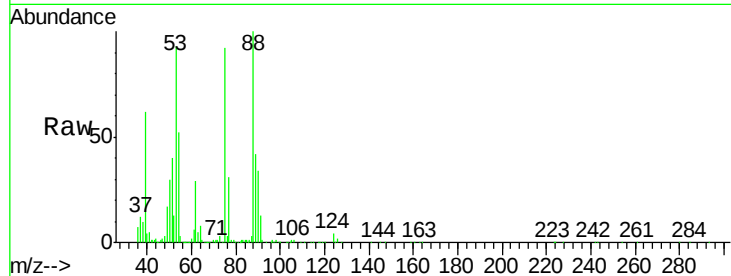
ClientSampleId :

VX0207WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 38399 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 106.1 | 81.0  | 121.6 |
| 89        | 48.3  | 41.4  | 62.0  |

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#82

4-Chlorotoluene

Concen: 20.106 ug/l

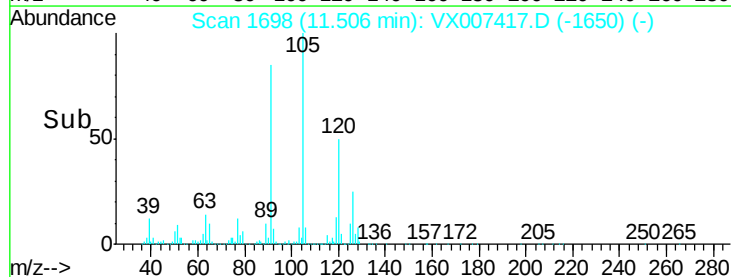
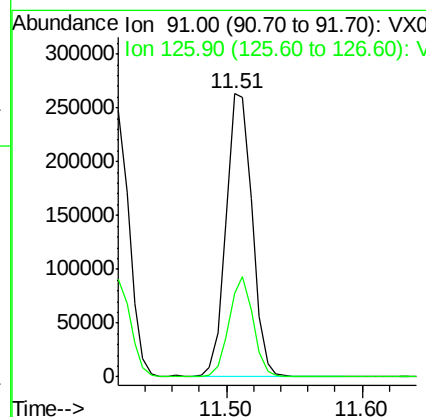
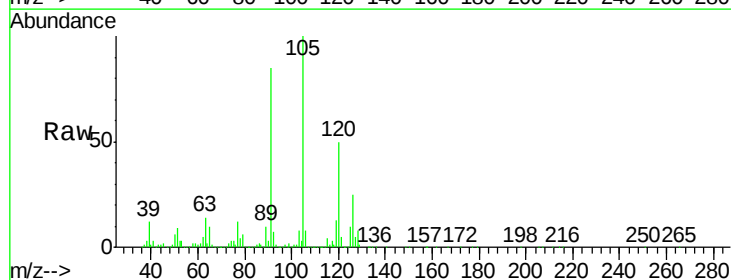
RT: 11.51 min Scan# 1698

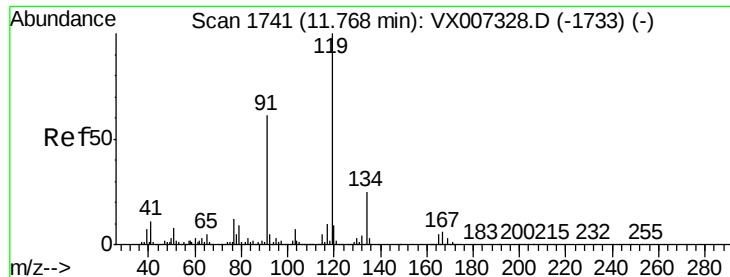
Delta R.T. -0.01 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 348433 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 33.0  | 16.2  | 48.5   |





#83

tert-Butylbenzene

Concen: 20.393 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

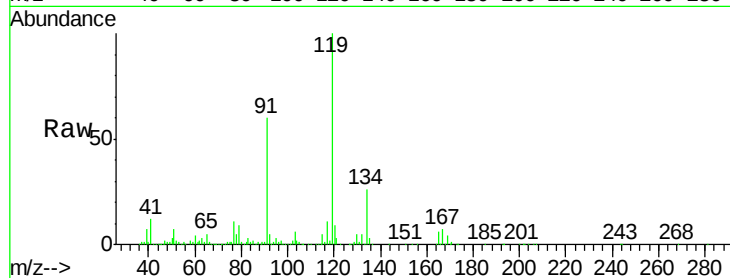
ClientSampleId :

VX0207WBS01

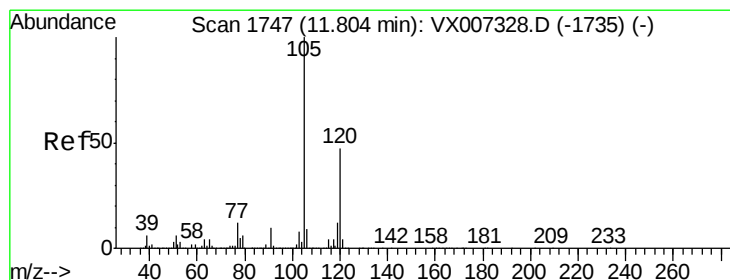
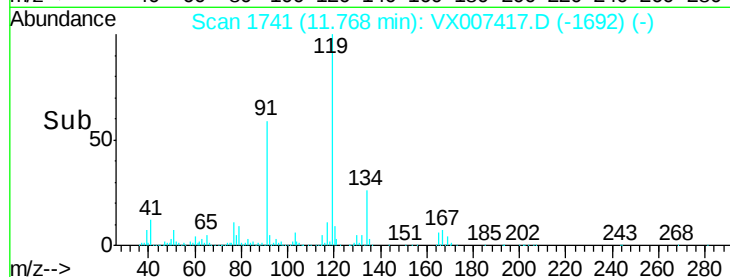
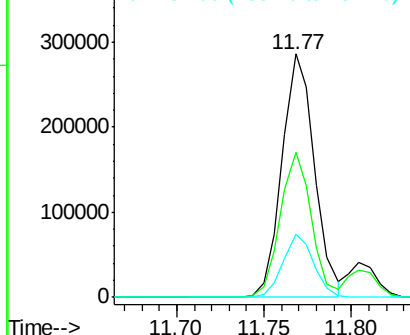
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 371800 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 57.3  | 28.5  | 85.6   |
| 134       | 24.7  | 12.0  | 36.0   |

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Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): VX0  
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.024 ug/l

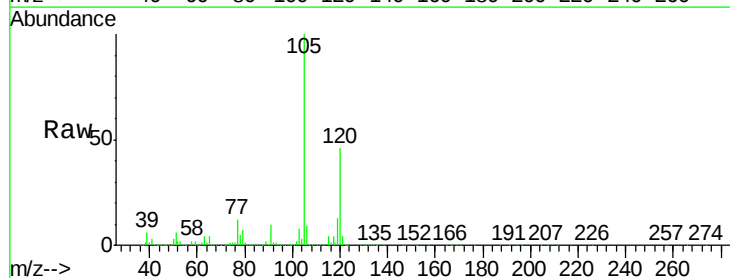
RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

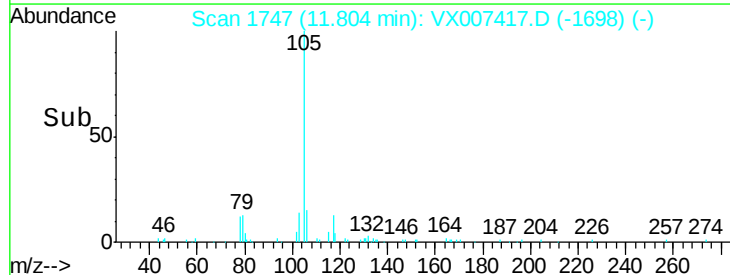
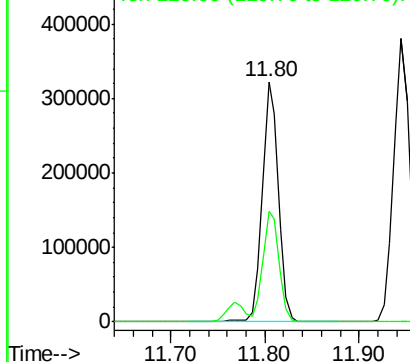
Lab File: VX007417.D

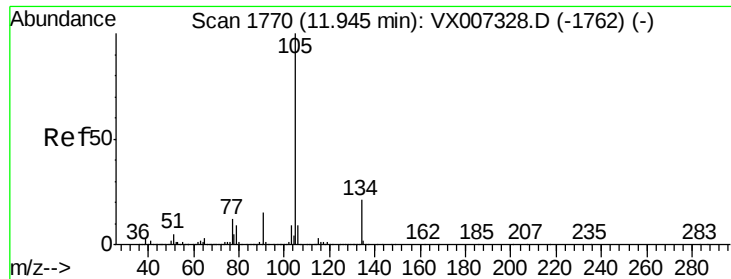
Acq: 07 Feb 2019 11:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 393045 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.9  | 23.1  | 69.3   |



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





#85

sec-Butylbenzene

Concen: 20.614 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

ClientSampled :

VX0207WBS01

Tot Ion:105 Resp: 454866

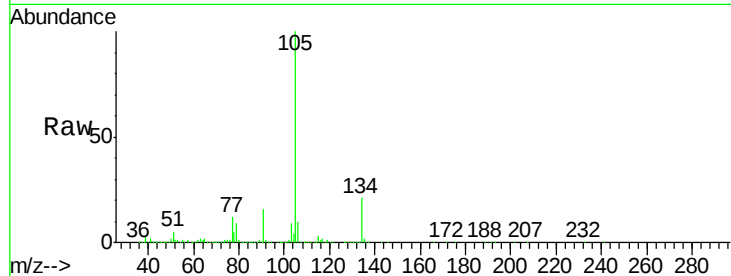
Ion Ratio Lower Upper

105 100

134 21.4 10.6 31.8

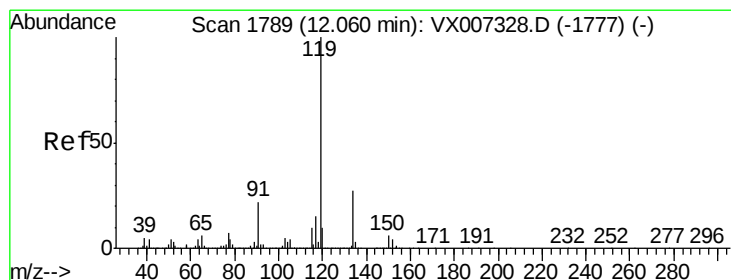
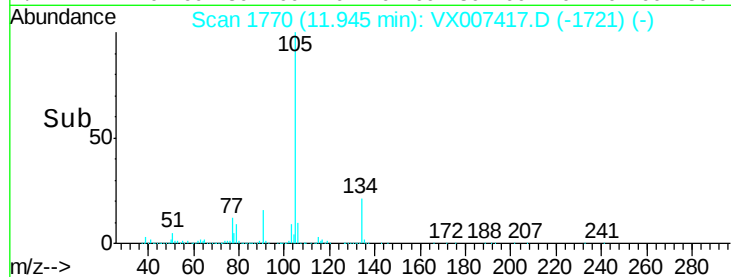
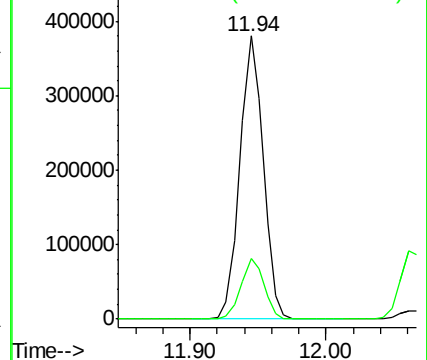
Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.254 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

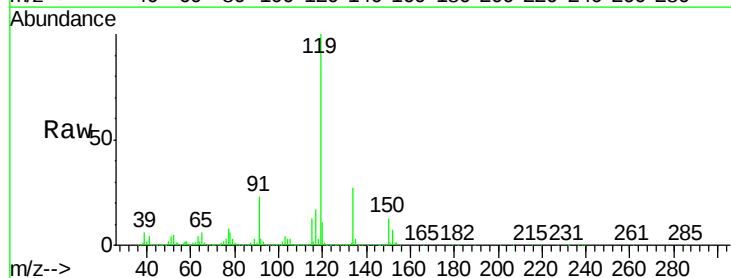
Tgt Ion:119 Resp: 403451

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

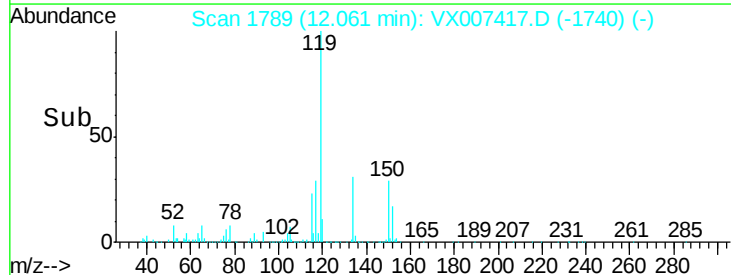
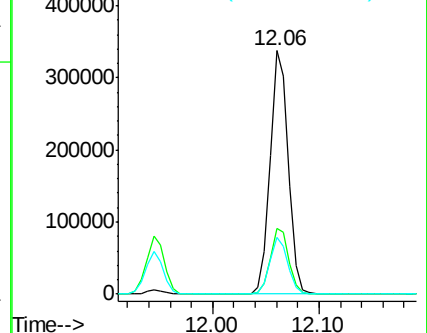
91 23.0 11.2 33.5

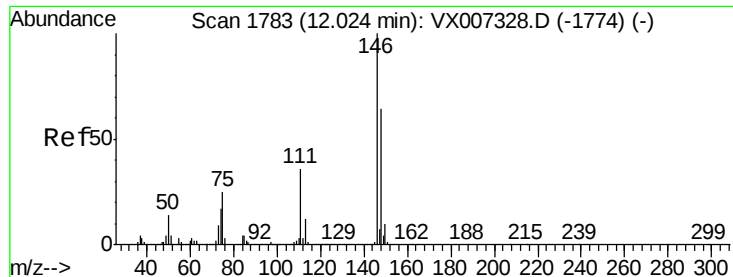


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.513 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

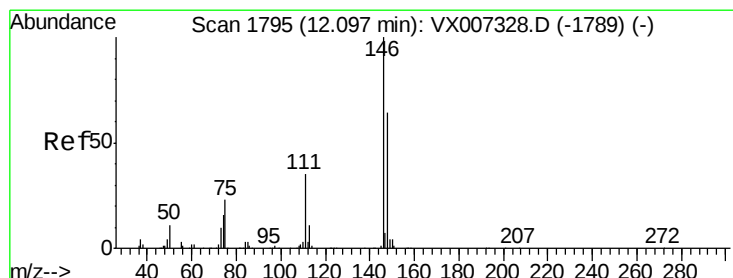
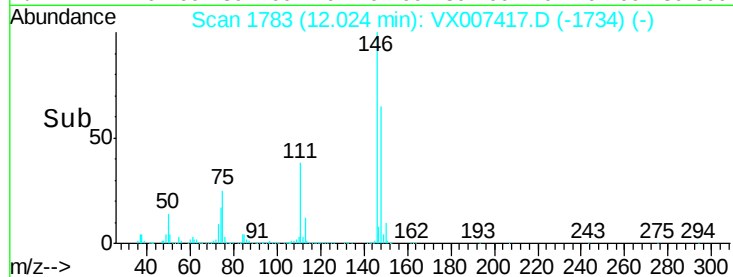
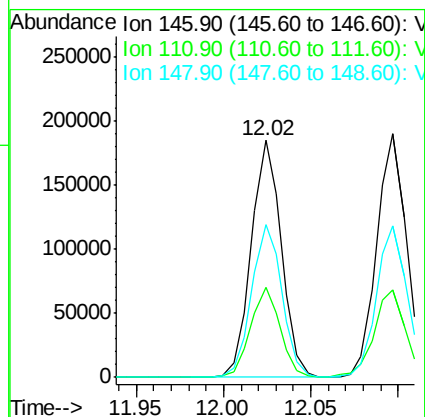
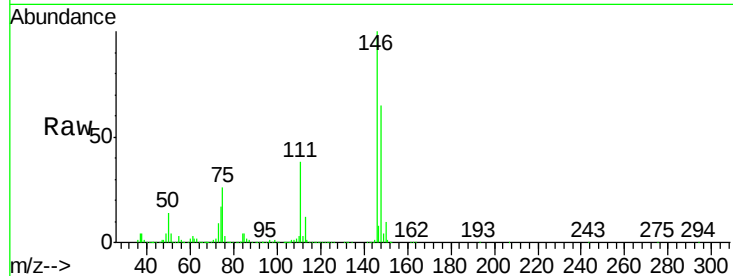
ClientSampleId :

VX0207WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 222096 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 37.5  | 18.1  | 54.1   |
| 148       | 65.4  | 32.0  | 96.2   |

Manual Integrations  
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#88

1,4-Dichlorobenzene

Concen: 19.522 ug/l

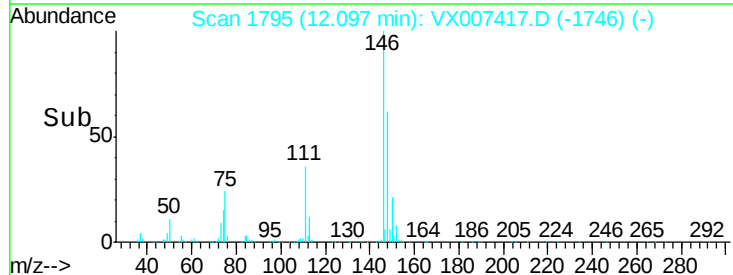
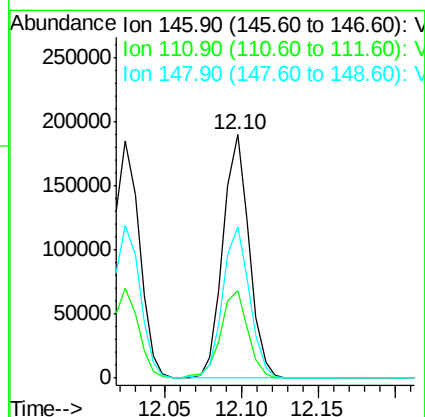
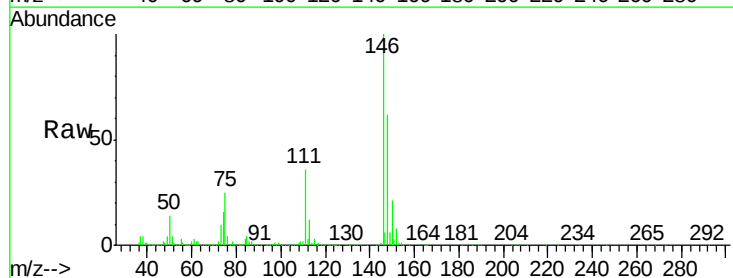
RT: 12.10 min Scan# 1795

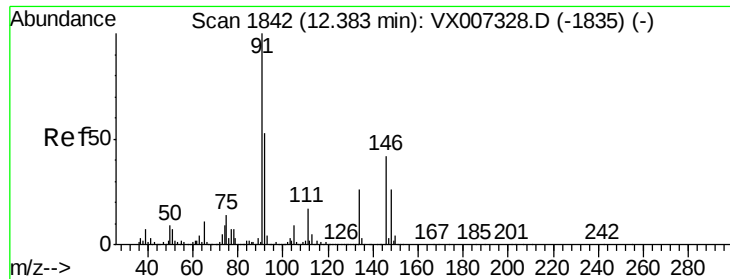
Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 225428 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 37.6  | 18.1  | 54.1   |
| 148       | 63.5  | 32.3  | 96.9   |





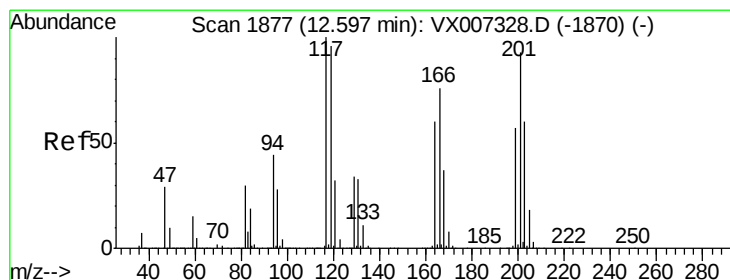
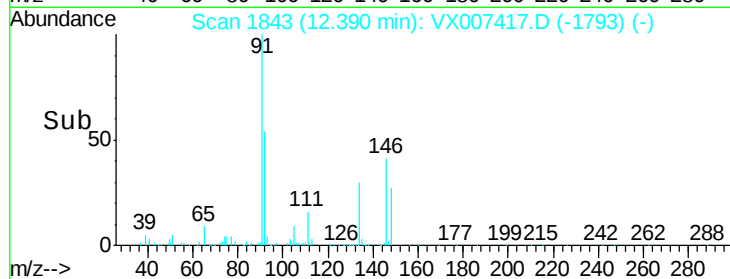
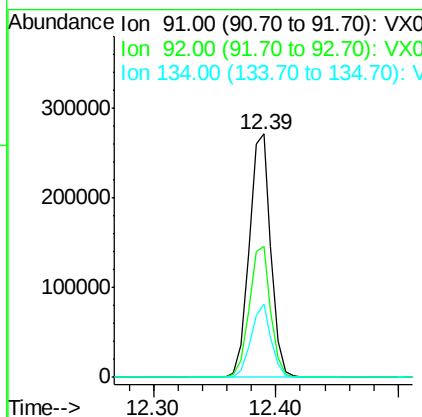
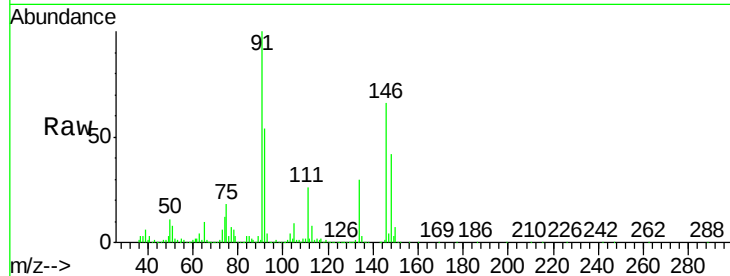
#89  
n-Butylbenzene  
Concen: 19.441 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.01 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 333121 |       |       |
| 92      | 53.3  | 26.3   | 78.9  |       |
| 134     | 28.2  | 13.9   | 41.6  |       |

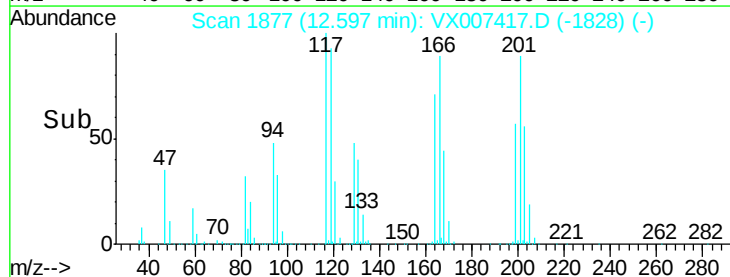
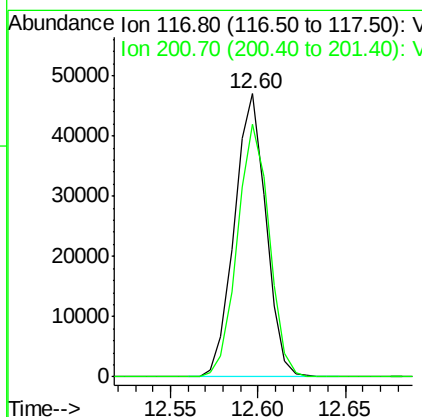
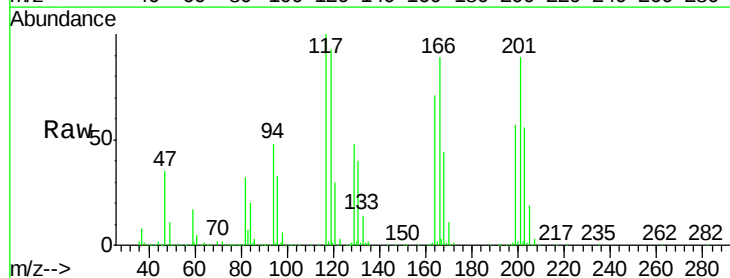
Manual Integrations  
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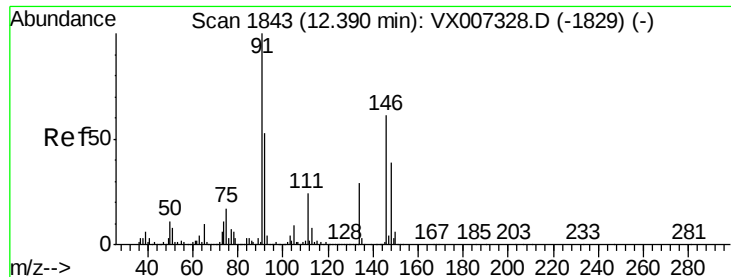
MMDadoda  
2/11/2019 12:27:54 PM



#90  
Hexachloroethane  
Concen: 19.775 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 58952 |       |       |
| 201     | 90.2  | 44.9  | 134.7 |       |





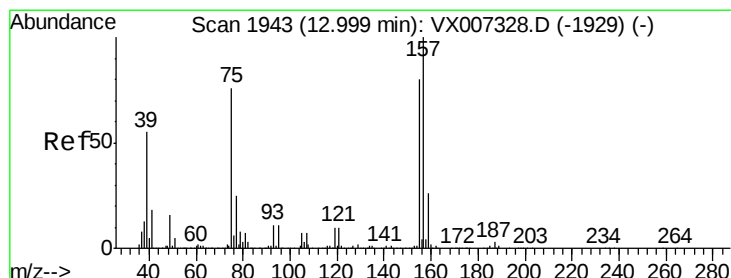
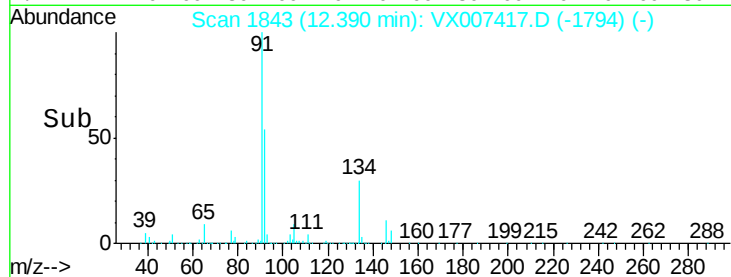
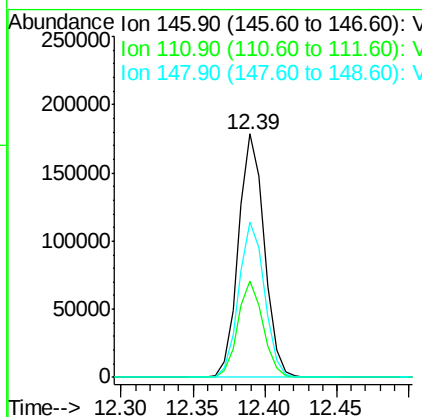
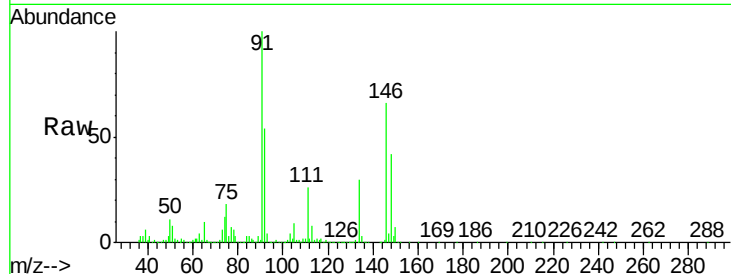
#91  
 1,2-Dichlorobenzene  
 Concen: 19.676 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX007417.D  
 Acq: 07 Feb 2019 11:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0207WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 222870 |       |       |
| 111     | 38.7  | 19.1   | 57.3  |       |
| 148     | 63.4  | 32.1   | 96.3  |       |

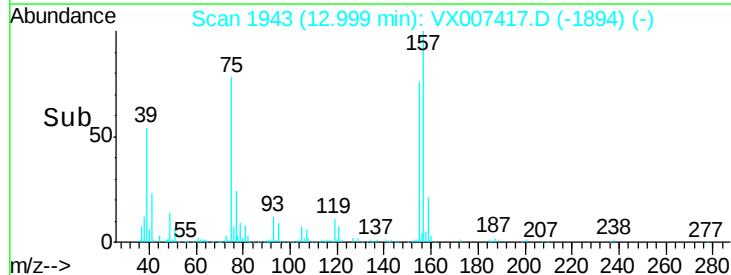
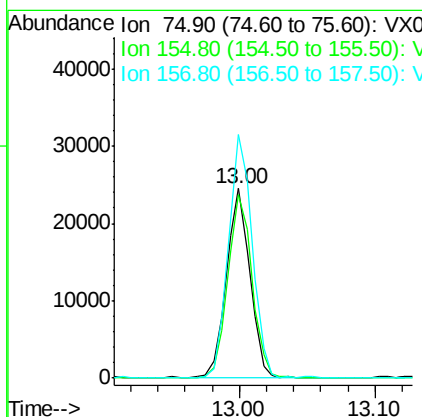
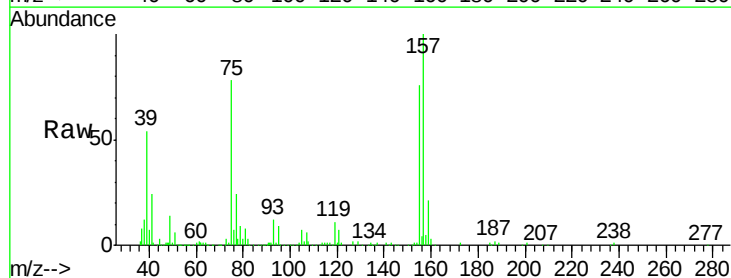
Manual Integrations  
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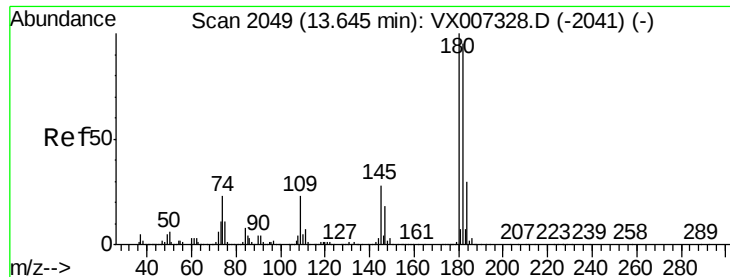
MMDadoda  
 2/11/2019 12:27:54 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.695 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX007417.D  
 Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 29518 |       |       |
| 155     | 99.8  | 49.6  | 149.0 |       |
| 157     | 129.5 | 65.1  | 195.3 |       |





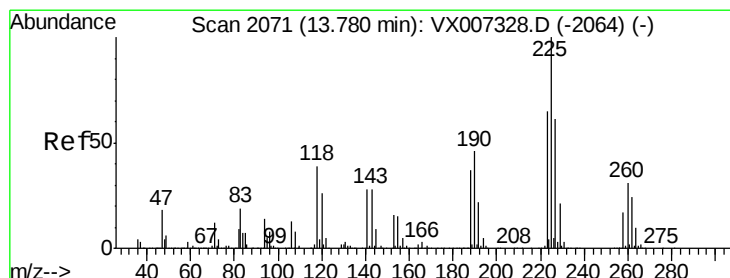
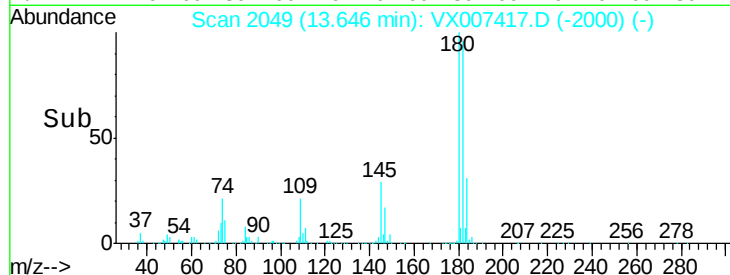
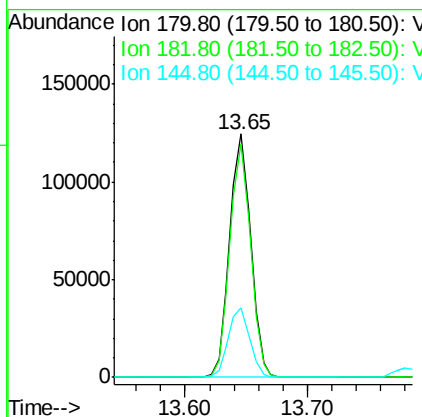
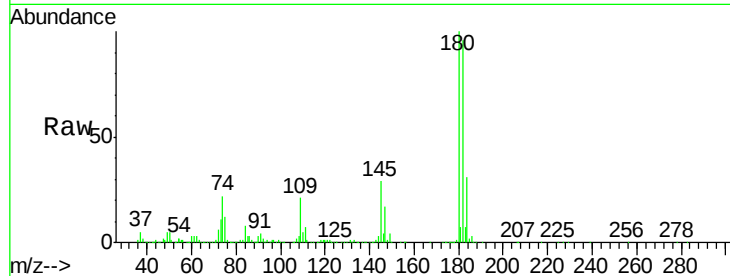
#93  
1,2,4-Trichlorobenzene  
Concen: 19.487 ug/l  
RT: 13.65 min Scan# 2049  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0207WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 148858 |       |       |
| 182     | 94.7  | 47.8   | 143.3 |       |
| 145     | 29.0  | 14.1   | 42.2  |       |

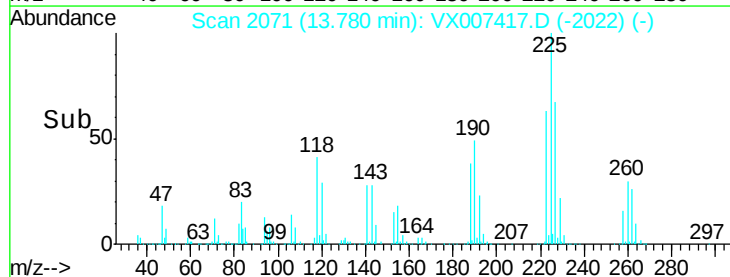
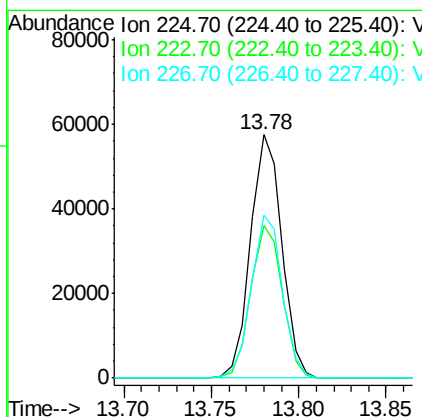
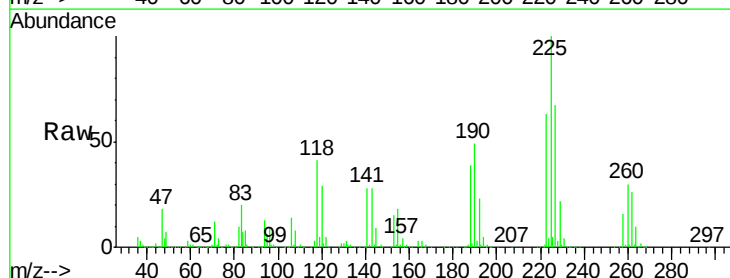
Manual Integrations  
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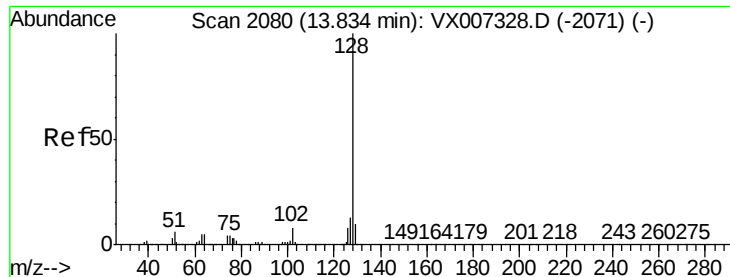
MMDadoda  
2/11/2019 12:27:54 PM



#94  
Hexachlorobutadiene  
Concen: 19.269 ug/l  
RT: 13.78 min Scan# 2071  
Delta R.T. 0.00 min  
Lab File: VX007417.D  
Acq: 07 Feb 2019 11:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 71472 |       |       |
| 223     | 63.3  | 31.6  | 94.8  |       |
| 227     | 66.6  | 32.1  | 96.3  |       |





#95

Naphthalene

Concen: 20.432 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

Instrument :

MSVOA\_X

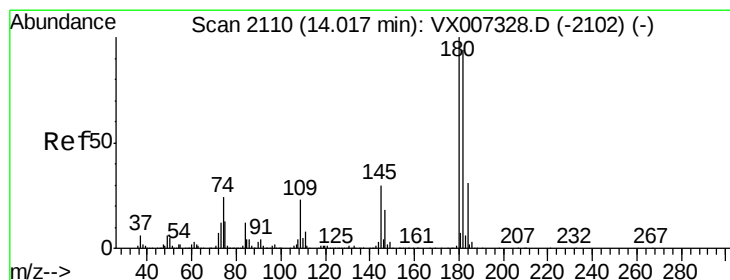
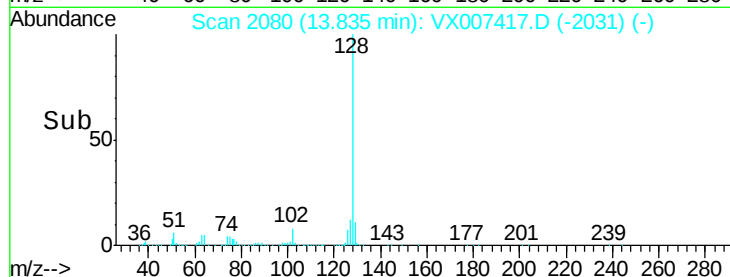
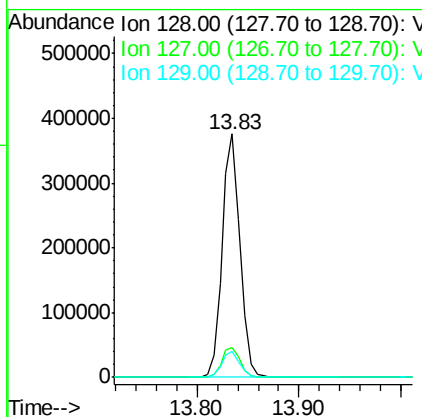
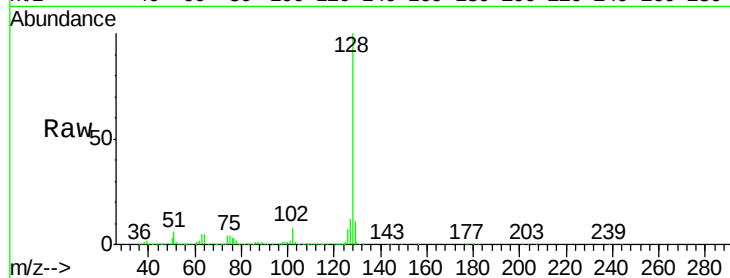
ClientSampleId :

VX0207WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 456406 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.5  | 15.7   |
| 129       | 11.0  | 8.7   | 13.1   |

Manual Integrations  
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2/11/2019 12:27:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.393 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007417.D

Acq: 07 Feb 2019 11:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 149116 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.5  | 47.5  | 142.6  |
| 145       | 29.5  | 14.9  | 44.5   |

