

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102918\  
 Data File : VX005676.D  
 Acq On : 29 Oct 2018 22:43  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/30/2018 10:51:12 AM

Quant Time: Oct 30 04:58:09 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 25 02:52:45 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 235641   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 364633   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 317373   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 176355   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 142450   | 49.52 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.04% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 119290   | 48.32 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.64% |      |
| 50) Toluene-d8            | 8.71   | 98  | 440724   | 49.68 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.36% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 166184   | 49.60 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.20% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 143379  | 61.645  | ug/l   | 99     |
| 3) Chloromethane              | 1.32 | 50  | 158620  | 53.551  | ug/l   | 93     |
| 4) Vinyl Chloride             | 1.41 | 62  | 171480  | 58.877  | ug/l   | 96     |
| 5) Bromomethane               | 1.64 | 94  | 87622   | 48.349  | ug/l   | 100    |
| 6) Chloroethane               | 1.71 | 64  | 98926   | 53.169  | ug/l   | 93     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 212768  | 52.575  | ug/l   | 95     |
| 8) Diethyl Ether              | 2.19 | 74  | 87936   | 54.448  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 123125  | 53.026  | ug/l   | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 139252  | 57.018  | ug/l   | 95     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 213842  | 276.266 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 119925  | 54.217  | ug/l   | 95     |
| 13) Acrolein                  | 2.29 | 56  | 88183   | 223.335 | ug/l   | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 252474  | 51.143  | ug/l   | 98     |
| 15) Acrylonitrile             | 3.15 | 53  | 457672  | 263.681 | ug/l   | 98     |
| 16) Acetone                   | 2.45 | 43  | 400167  | 263.275 | ug/l   | 96     |
| 17) Carbon Disulfide          | 2.57 | 76  | 338241  | 50.163  | ug/l   | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 218049  | 58.314  | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 423452  | 53.667  | ug/l   | 98     |
| 20) Methylene Chloride        | 2.85 | 84  | 133807  | 52.563  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 125528  | 51.976  | ug/l   | 95     |
| 22) Diisopropyl ether         | 3.87 | 45  | 457300  | 53.046  | ug/l   | 89     |
| 23) Vinyl Acetate             | 3.82 | 43  | 2073451 | 273.095 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 245347  | 52.346  | ug/l   | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 648866  | 280.338 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 164348  | 45.418  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 139546  | 53.596  | ug/l   | 98     |
| 28) Bromochloromethane        | 5.01 | 49  | 107893  | 47.595  | ug/l   | 95     |
| 29) Tetrahydrofuran           | 5.16 | 42  | 395681  | 262.687 | ug/l   | 96     |
| 30) Chloroform                | 5.21 | 83  | 225269  | 51.382  | ug/l   | 95     |
| 31) Cyclohexane               | 5.57 | 56  | 205724  | 53.049  | ug/l # | 75     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 199163  | 51.469  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 175900  | 49.709  | ug/l   | 98     |
| 37) Ethyl Acetate             | 4.86 | 43  | 229673  | 50.863  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 175712  | 47.146  | ug/l   | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/30/2018 10:51:12 AM

Quant Time: Oct 30 04:58:09 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 25 02:52:45 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 196666   | 50.331   | ug/l   | 99       |
| 40) Benzene                    | 6.13  | 78   | 503508   | 49.637   | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 123051   | 48.921   | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 176730   | 45.862   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 334742   | 49.470   | ug/l   | 96       |
| 44) Trichloroethene            | 7.22  | 130  | 140212   | 50.738   | ug/l   | 76       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 134542   | 49.334   | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 85283    | 48.418   | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 163810   | 47.917   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 168510   | 51.119   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 75054    | 1041.862 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1128837  | 248.227  | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 308504   | 50.042   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 184332   | 49.891   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 200118   | 50.308   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 126269   | 48.581   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 205643   | 53.043   | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 214334   | 48.736   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 512133   | 236.522  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 892792   | 248.997  | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.59  | 129  | 135571   | 49.993   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 133226   | 49.546   | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 135913   | 51.587   | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 345738   | 51.158   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 126694   | 51.412   | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 596077   | 53.608   | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 462135   | 107.125  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 222173   | 54.741   | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 374994   | 55.192   | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 112981   | 51.379   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 608232   | 56.421   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 298331   | 55.850   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 207517   | 52.177   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 197169m  | 52.768   | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 161560   | 53.775   | ug/l   | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 696049   | 56.466   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 416016   | 54.431   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 515322   | 55.880   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 60519    | 52.923   | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 487671   | 54.111   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 514420   | 55.961   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 532326   | 56.955   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 616898   | 56.240   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 555621   | 56.664   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 297981   | 52.744   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 300384   | 50.937   | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 483349   | 54.602   | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 92325    | 54.591   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 301729   | 52.788   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 51333    | 53.381   | ug/l   | 96       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102918\  
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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

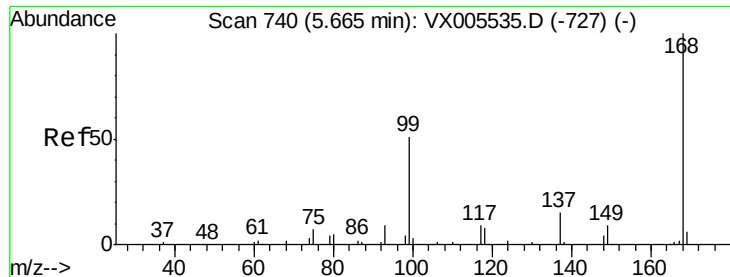
MMDadoda  
10/30/2018 10:51:12 AM

Quant Time: Oct 30 04:58:09 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 25 02:52:45 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 226111   | 54.571 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 107310   | 49.976 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 703310   | 58.395 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 229844   | 54.722 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 235641

Ion Ratio Lower Upper

168 100

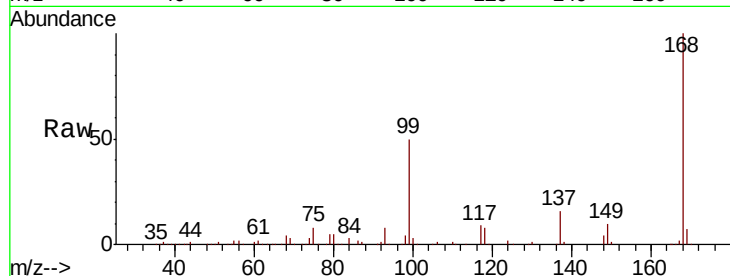
99 49.3 40.7 61.1

Manual Integrations

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10/30/2018 10:51:12 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

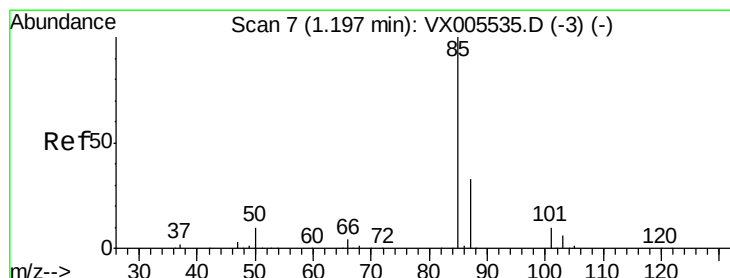
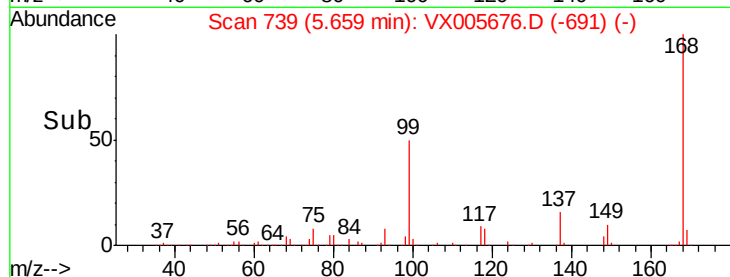
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 61.645 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005676.D

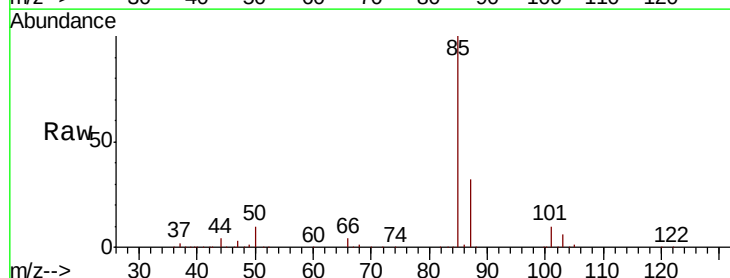
Acq: 29 Oct 2018 22:43

Tgt Ion: 85 Resp: 143379

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

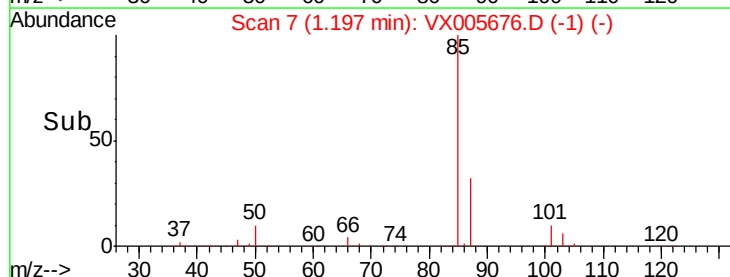
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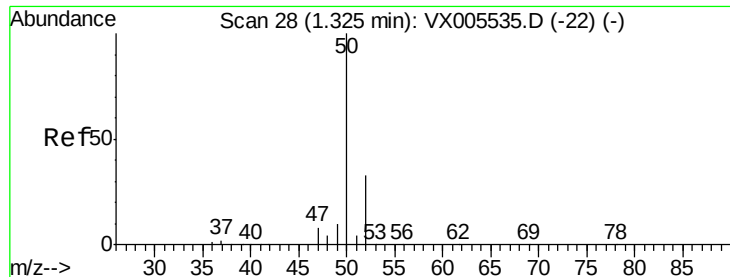
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 53.551 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 158620

Ion Ratio Lower Upper

50 100

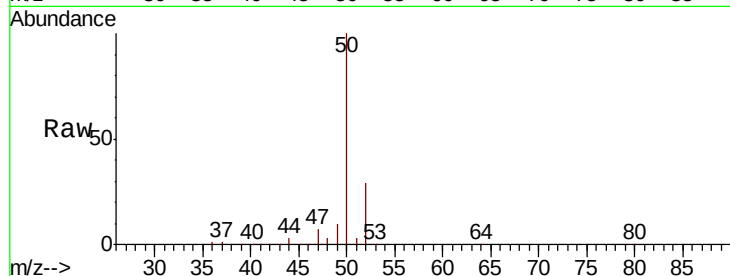
52 28.7 26.2 39.2

Manual Integrations

APPROVED

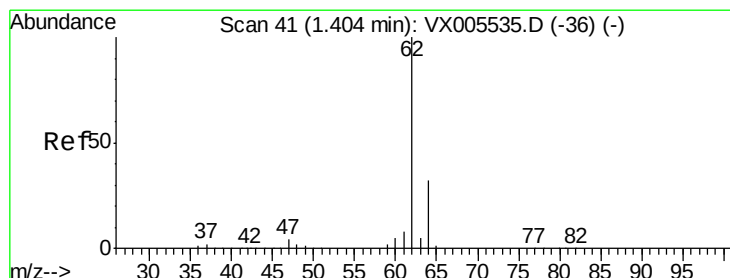
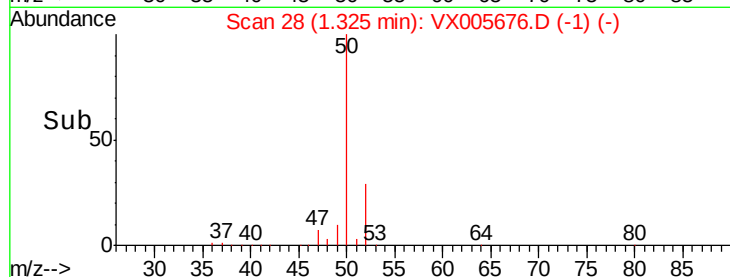
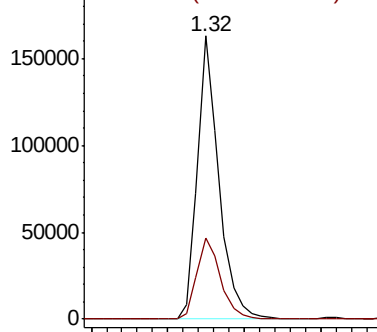
MMDadoda

10/30/2018 10:51:12 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 58.877 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005676.D

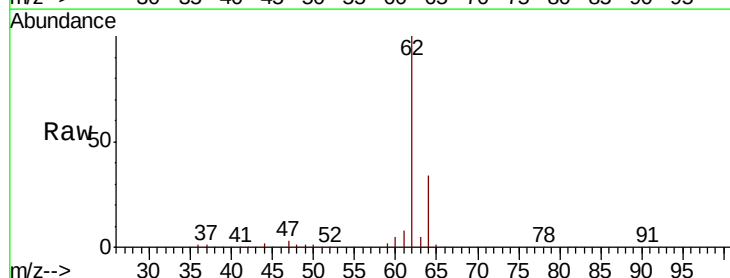
Acq: 29 Oct 2018 22:43

Tgt Ion: 62 Resp: 171480

Ion Ratio Lower Upper

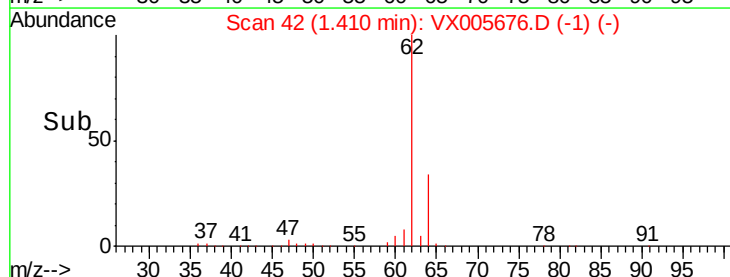
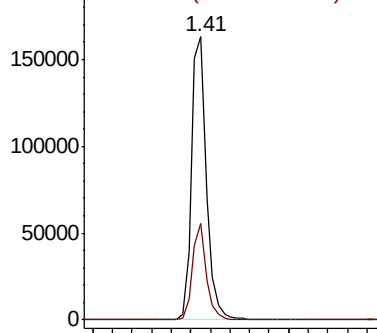
62 100

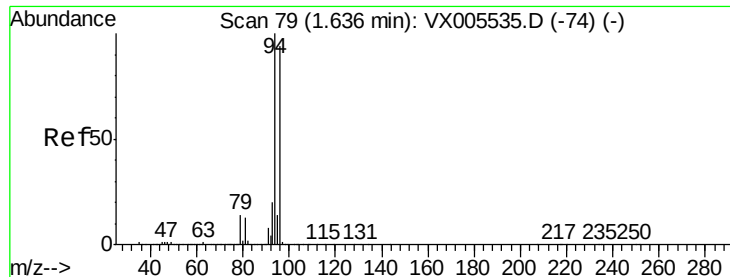
64 33.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.349 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 87622

Ion Ratio Lower Upper

94 100

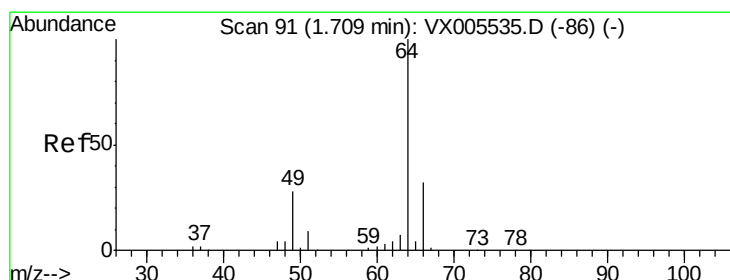
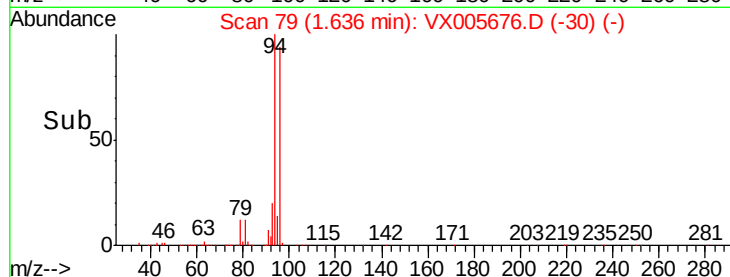
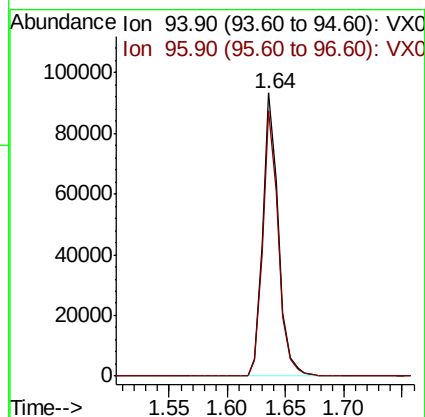
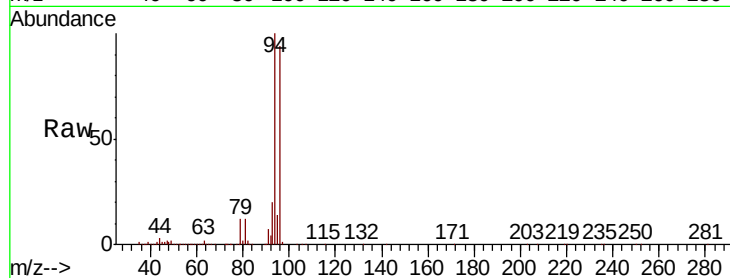
96 93.8 75.2 112.8

Manual Integrations

APPROVED

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10/30/2018 10:51:12 AM



#6

Chloroethane

Concen: 53.169 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005676.D

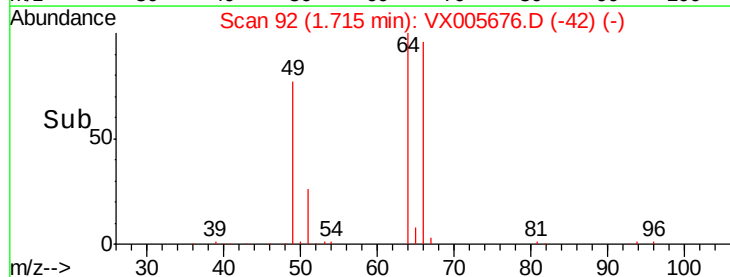
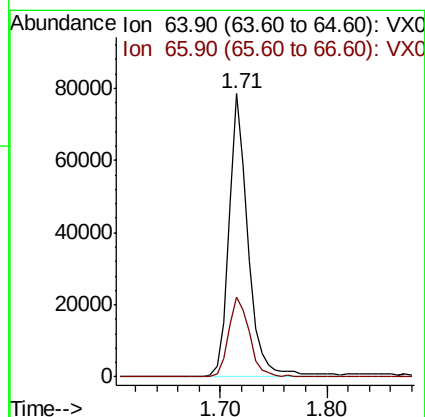
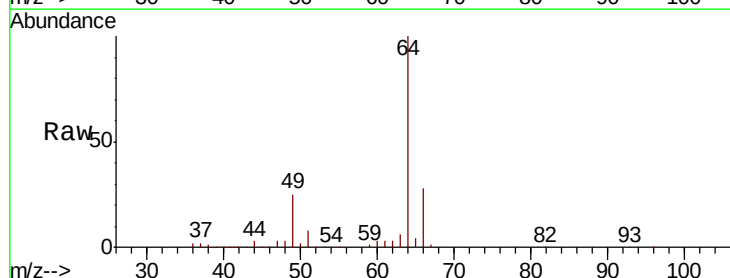
Acq: 29 Oct 2018 22:43

Tgt Ion: 64 Resp: 98926

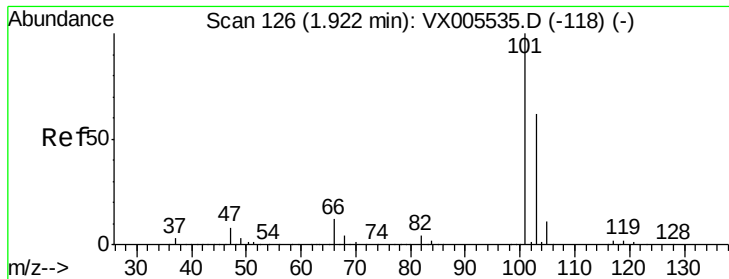
Ion Ratio Lower Upper

64 100

66 28.4 25.8 38.6







#7

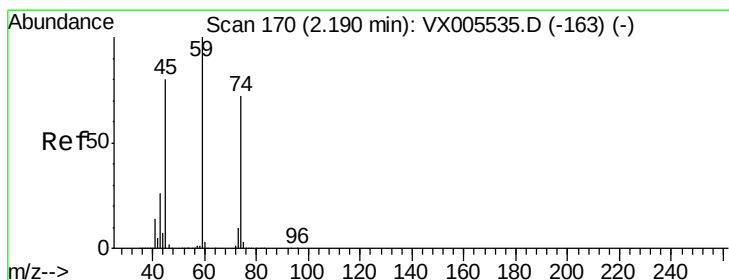
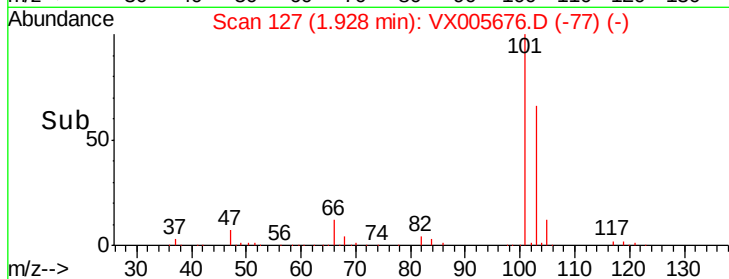
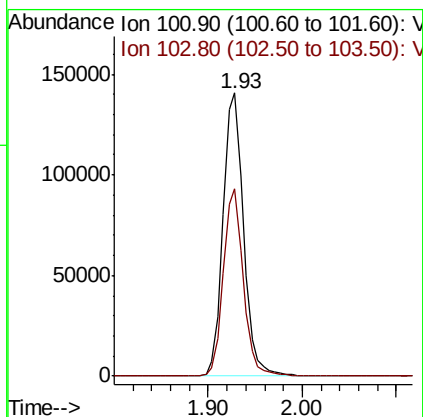
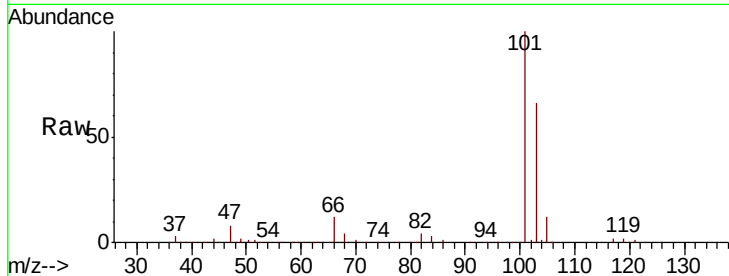
Trichlorofluoromethane  
 Concen: 52.575 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. 0.01 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.2  | 50.0  | 75.0  |

Manual Integrations  
 APPROVED

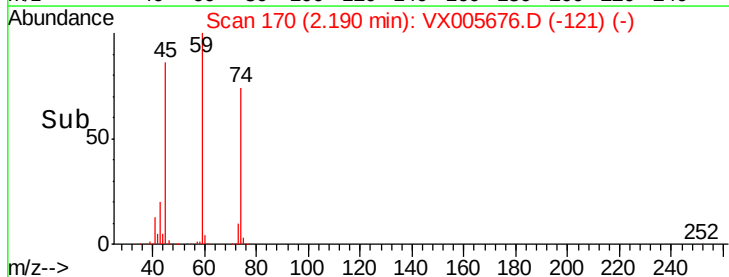
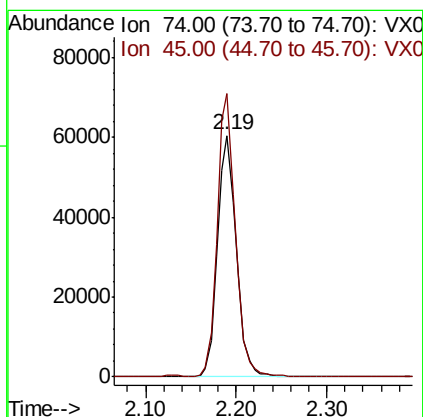
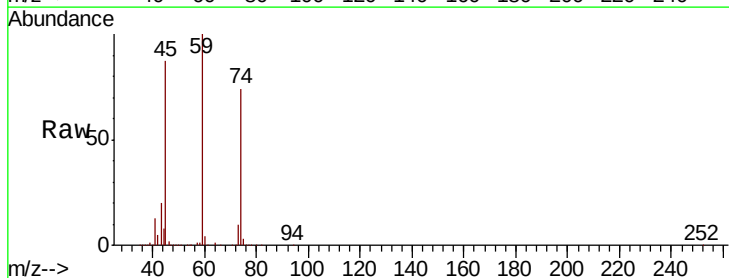
MMDadoda  
 10/30/2018 10:51:12 AM



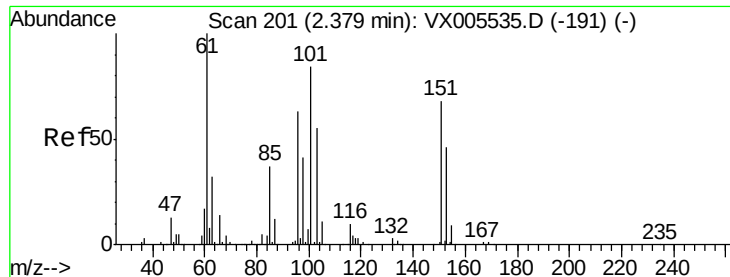
#8

Diethyl Ether  
 Concen: 54.448 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 112.0 | 54.1  | 162.3 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.026 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

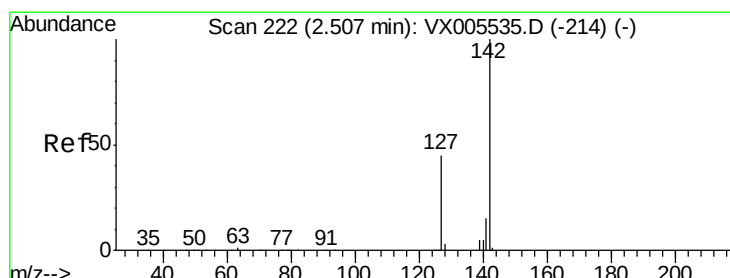
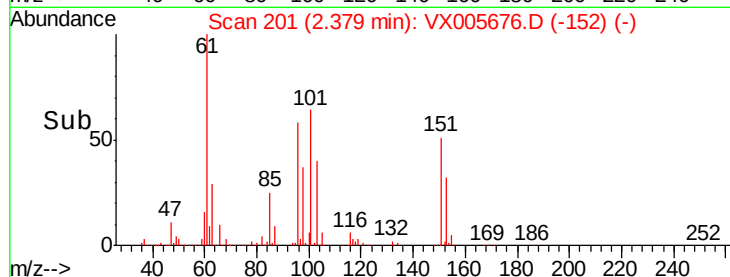
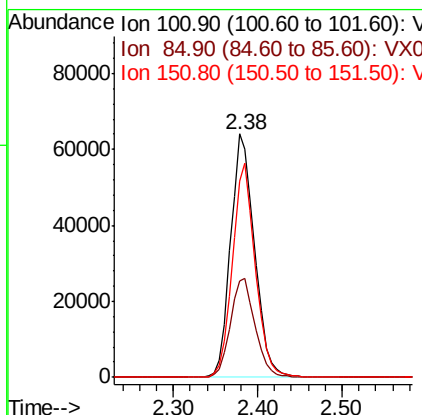
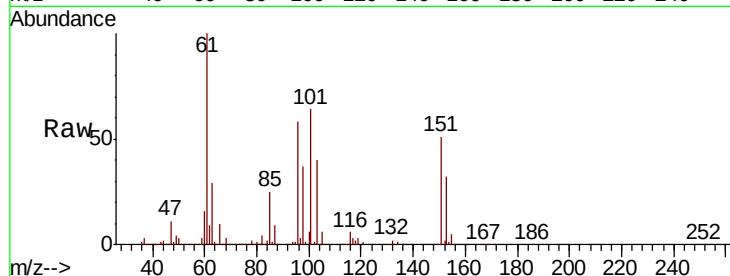
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 123125 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 41.9  | 35.0  | 52.4   |
| 151       | 83.9  | 66.2  | 99.2   |

Manual Integrations  
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10/30/2018 10:51:12 AM



#10

Methyl Iodide

Concen: 57.018 ug/l

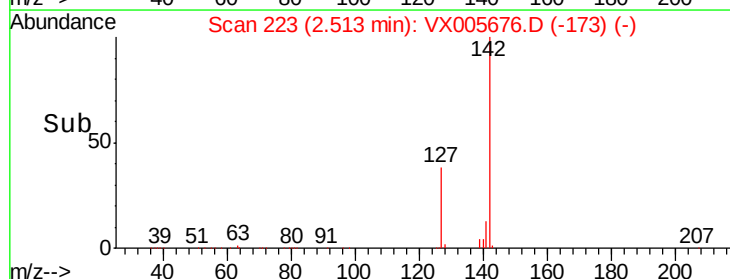
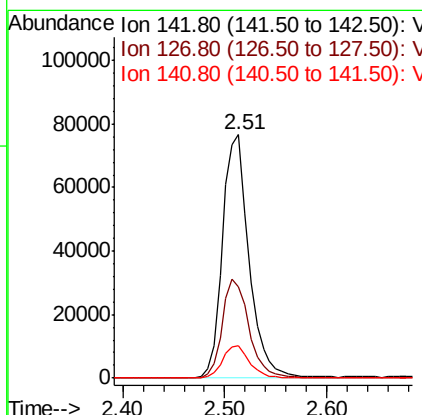
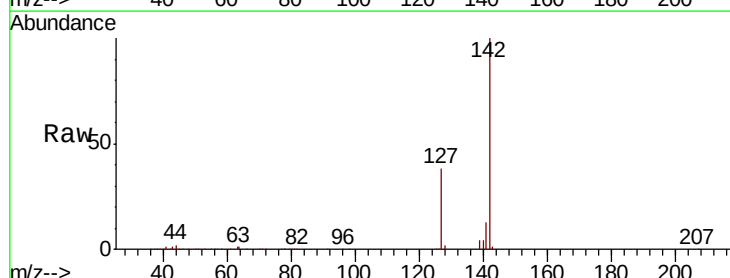
RT: 2.51 min Scan# 223

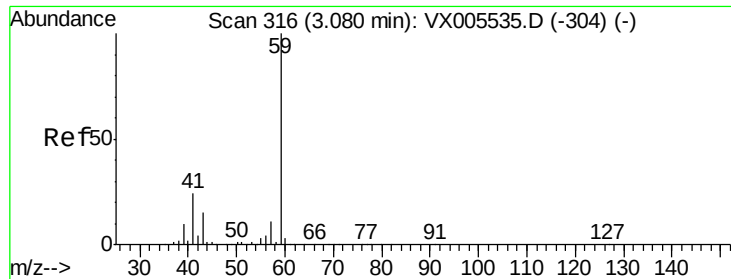
Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 139252 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 41.4  | 36.0  | 54.0   |
| 141       | 13.9  | 11.7  | 17.5   |





#11

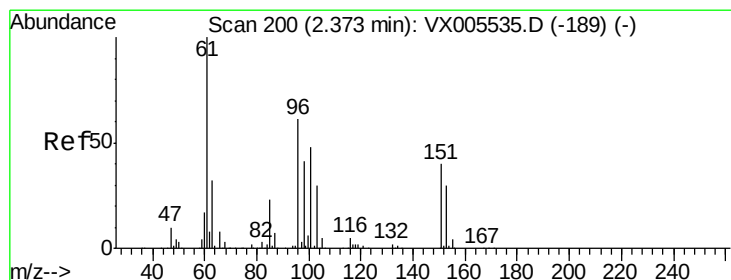
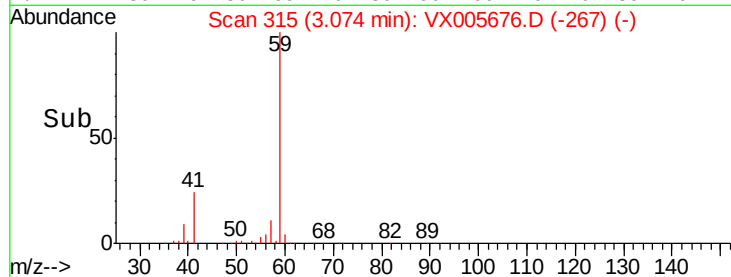
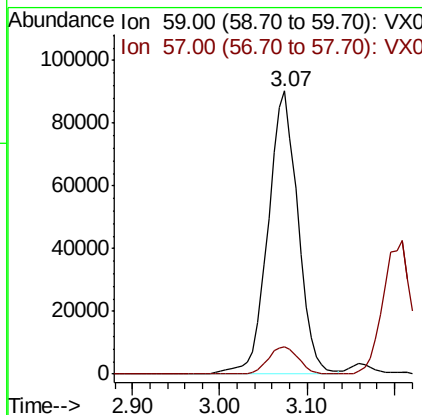
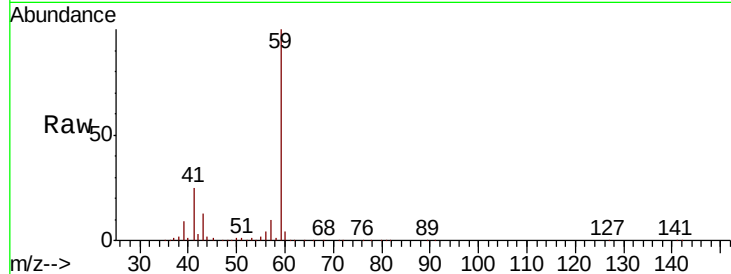
Tert butyl alcohol  
Concen: 276.266 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 59   | Resp  | 213842 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 57        | 10.0 | 8.5   | 12.7   |

Manual Integrations  
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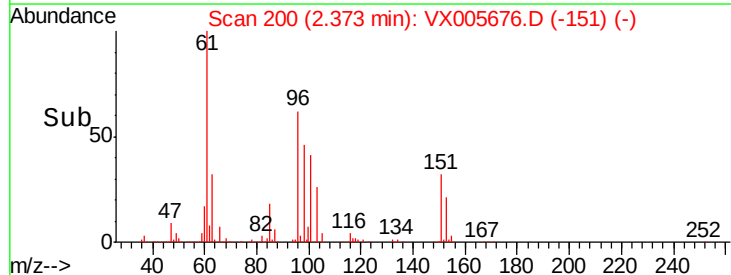
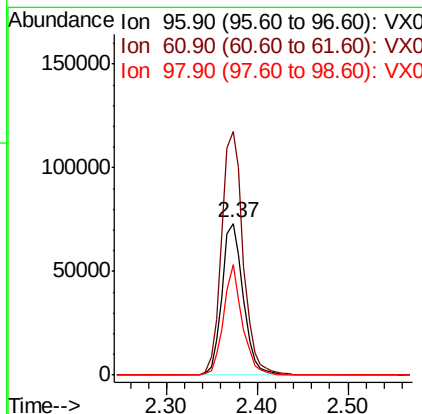
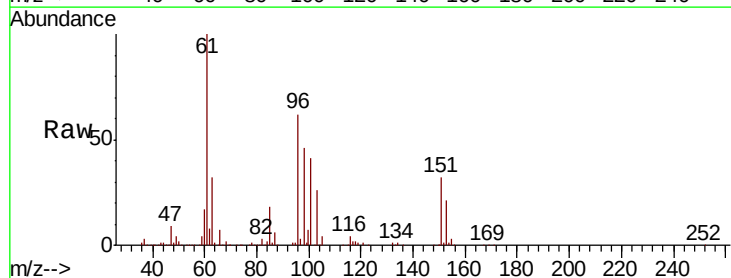
MMDadoda  
10/30/2018 10:51:12 AM

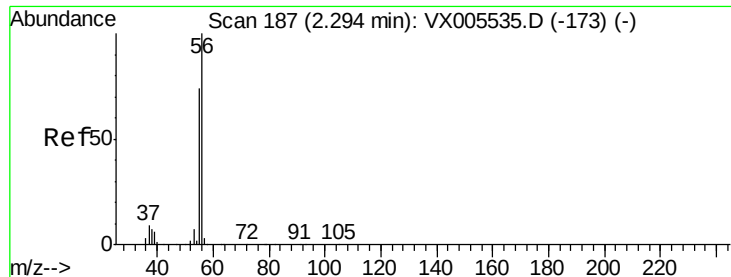


#12

1,1-Dichloroethene  
Concen: 54.217 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

| Tgt Ion   | 96    | Resp  | 119925 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 160.2 | 131.8 | 197.8  |
| 98        | 72.9  | 53.4  | 80.2   |





#13

Acrolein

Concen: 223.335 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 88183

Ion Ratio Lower Upper

56 100

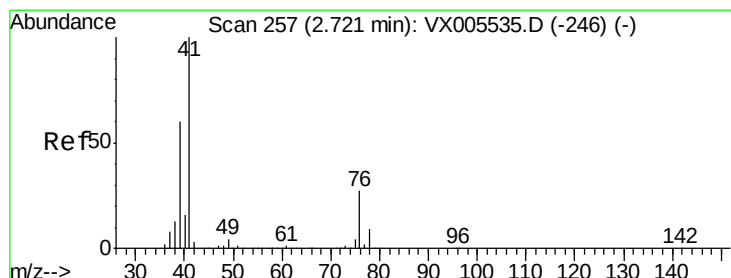
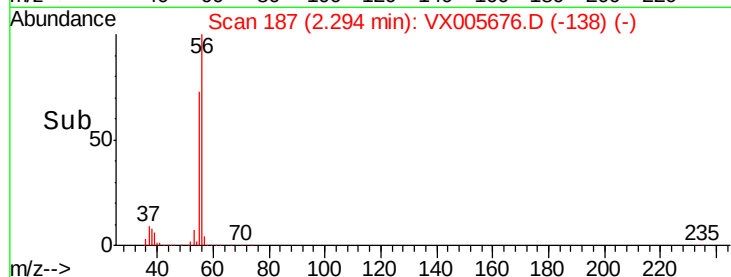
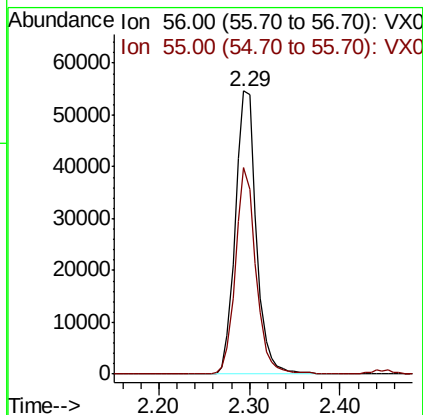
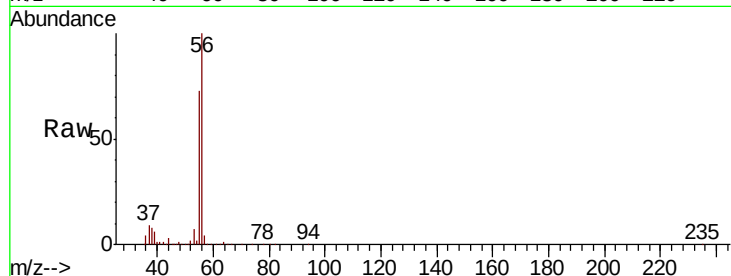
55 71.1 57.3 85.9

Manual Integrations

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10/30/2018 10:51:12 AM



#14

Allyl chloride

Concen: 51.143 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

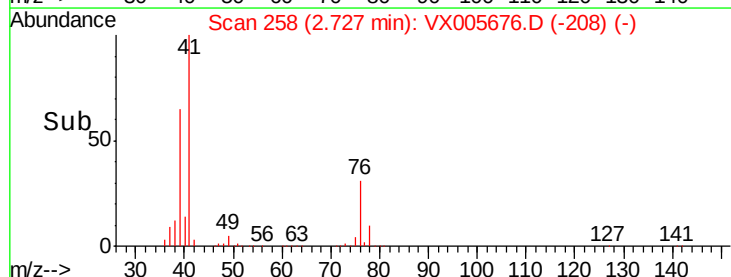
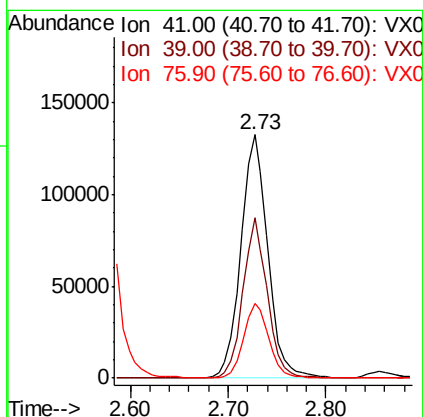
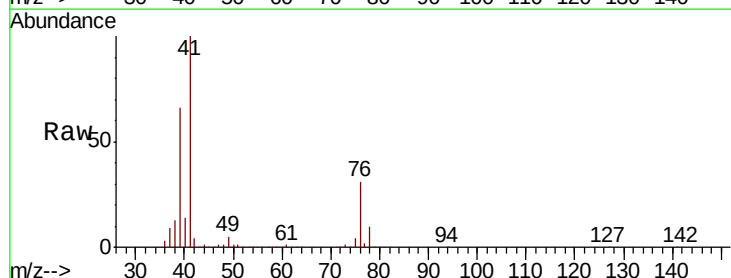
Tgt Ion: 41 Resp: 252474

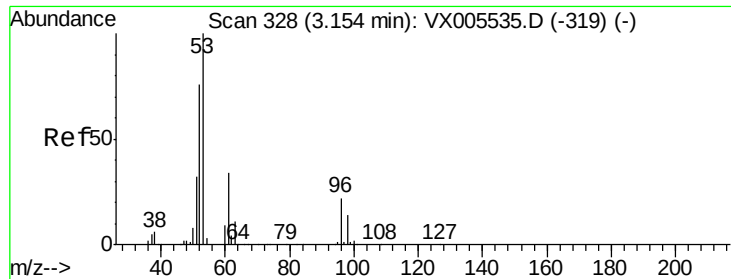
Ion Ratio Lower Upper

41 100

39 59.4 48.2 72.4

76 28.8 21.9 32.9





#15

Acrylonitrile

Concen: 263.681 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

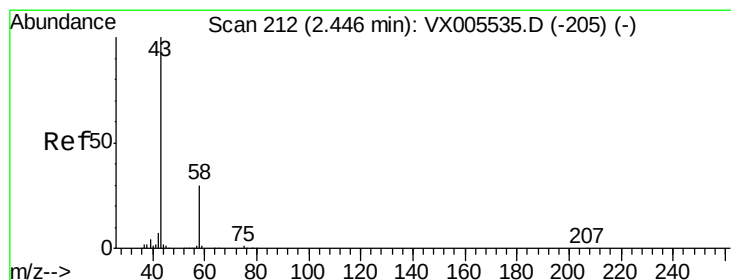
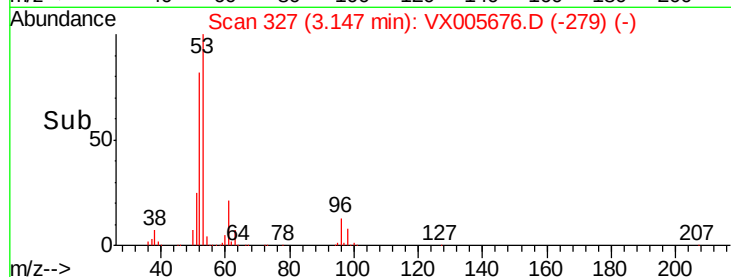
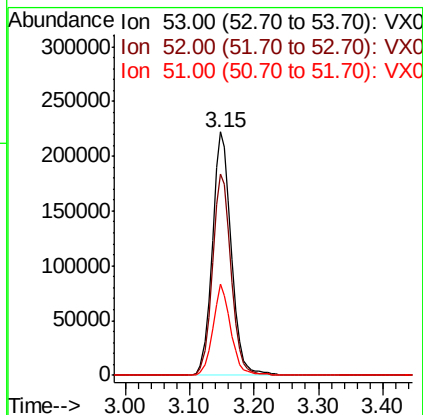
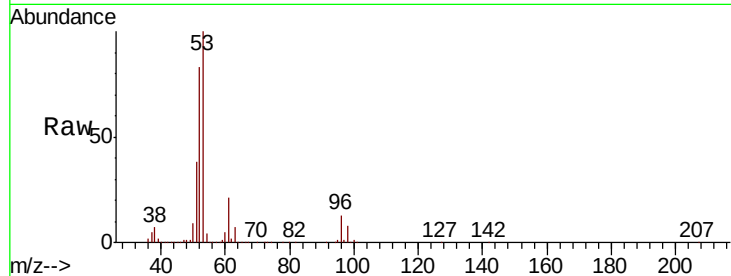
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 457672 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.4  | 66.6  | 99.8   |
| 51       | 35.2  | 28.4  | 42.6   |

Manual Integrations  
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#16

Acetone

Concen: 263.275 ug/l

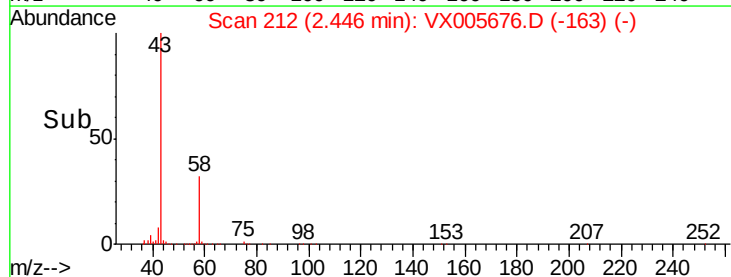
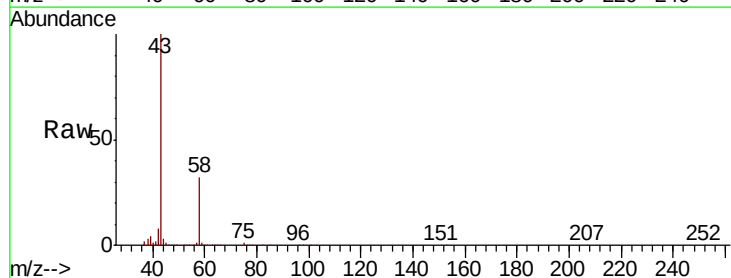
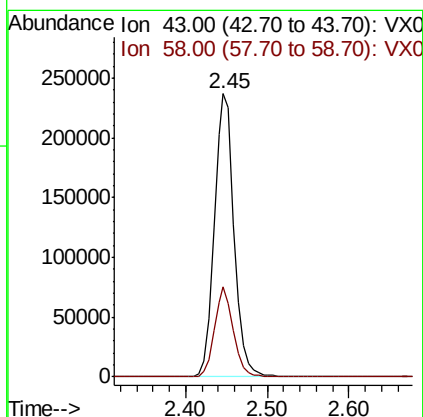
RT: 2.45 min Scan# 212

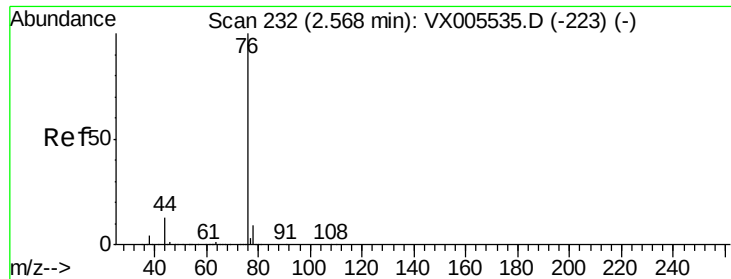
Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 400167 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 31.7  | 23.8  | 35.6   |





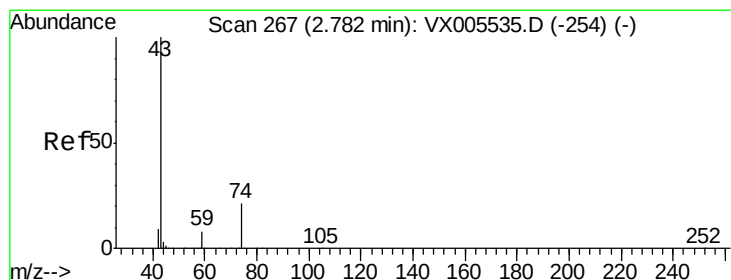
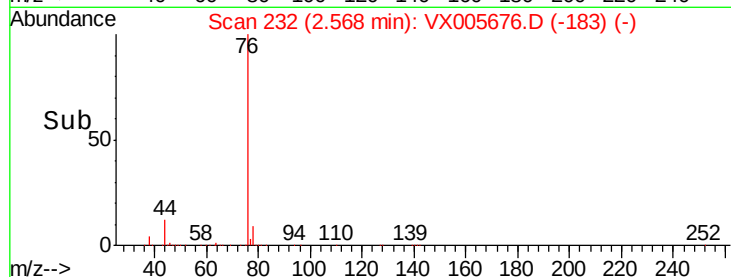
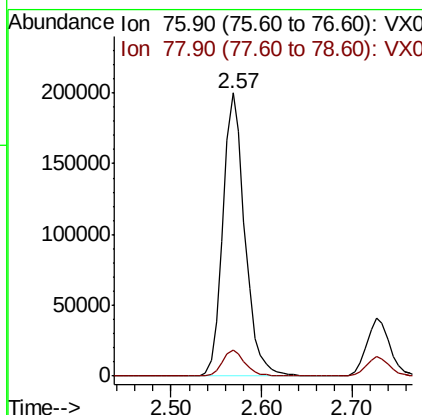
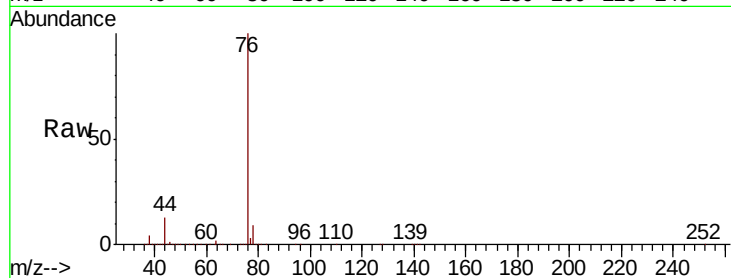
#17  
Carbon Disulfide  
Concen: 50.163 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.3   | 10.9  |

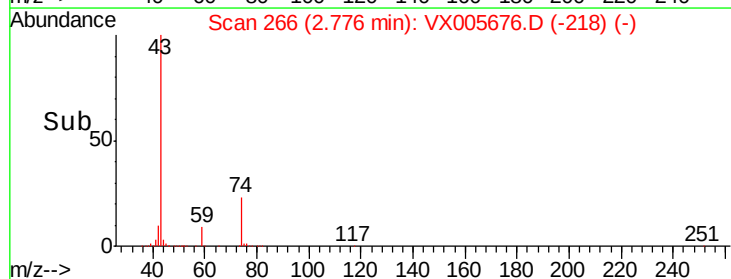
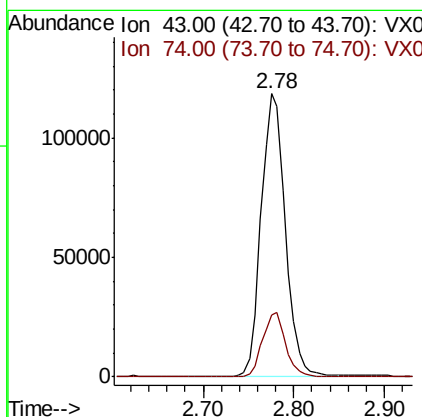
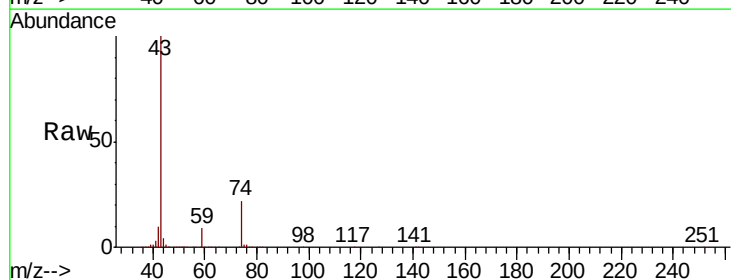
Manual Integrations  
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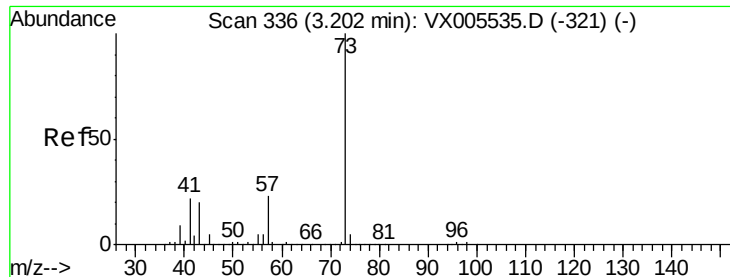
MMDadoda  
10/30/2018 10:51:12 AM



#18  
Methyl Acetate  
Concen: 58.314 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.2  | 16.8  | 25.2  |





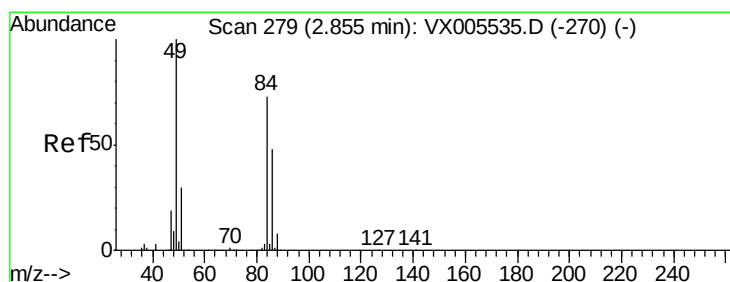
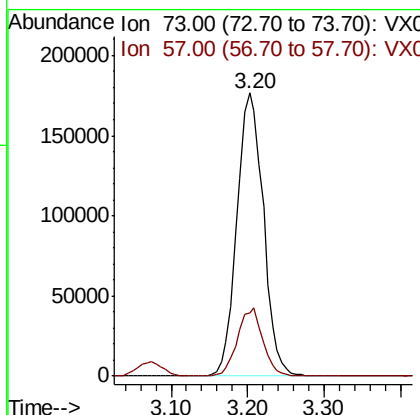
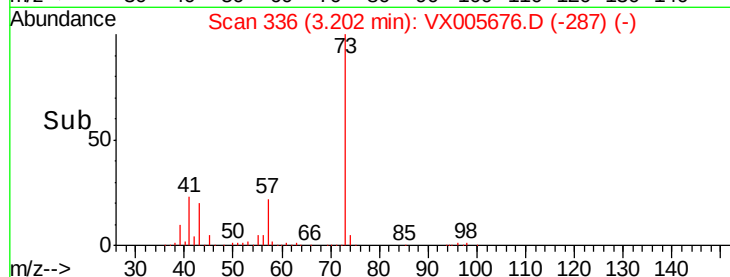
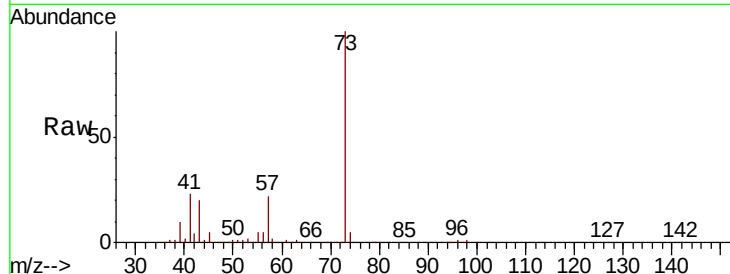
#19  
Methyl tert-butyl Ether  
Concen: 53.667 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.3  | 18.8  | 28.2  |

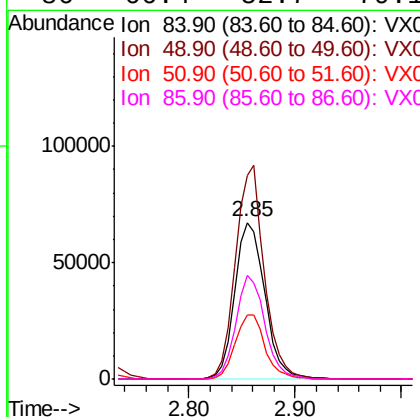
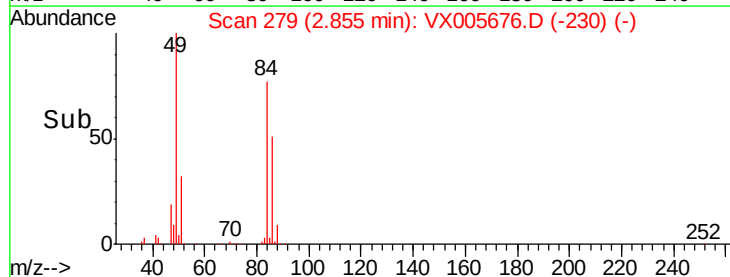
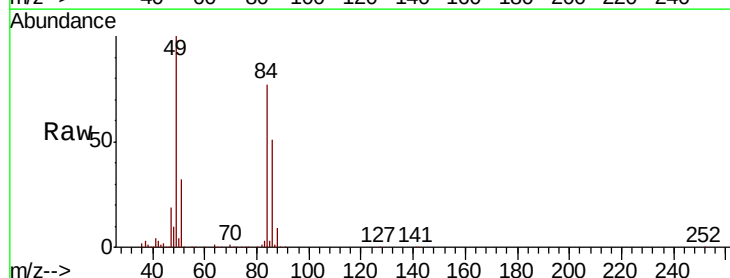
Manual Integrations  
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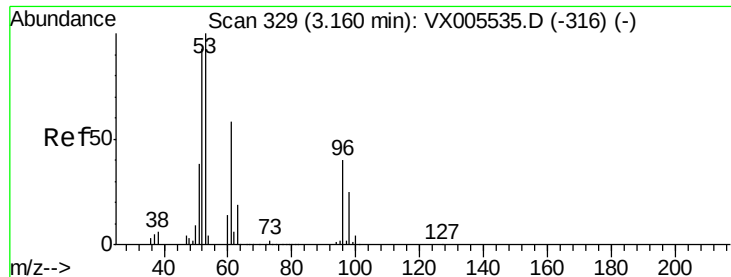
MMDadoda  
10/30/2018 10:51:12 AM



#20  
Methylene Chloride  
Concen: 52.563 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 130.3 | 109.5 | 164.3 |
| 51      | 41.2  | 33.3  | 49.9  |
| 86      | 66.4  | 52.7  | 79.1  |





#21

trans-1,2-Dichloroethene

Concen: 51.976 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

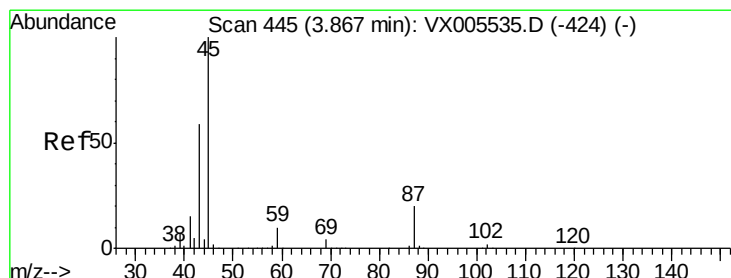
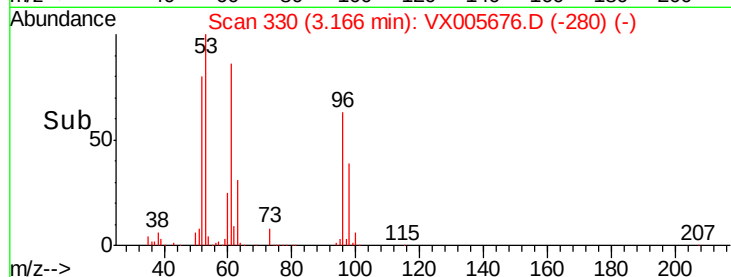
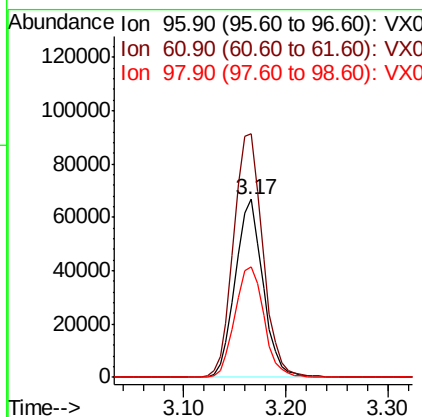
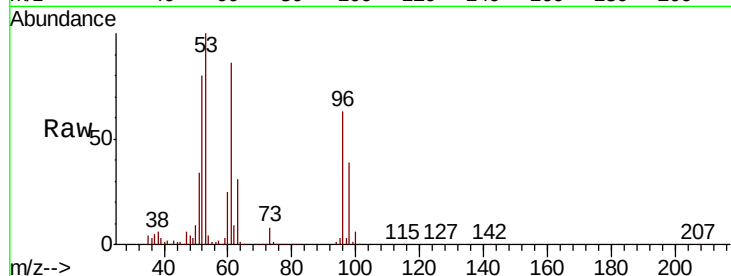
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 125528 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 136.5 | 115.6 | 173.4  |
| 98       | 62.0  | 50.2  | 75.2   |

Manual Integrations  
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10/30/2018 10:51:12 AM



#22

Diisopropyl ether

Concen: 53.046 ug/l

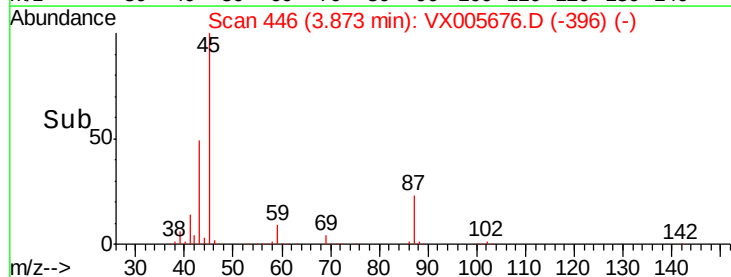
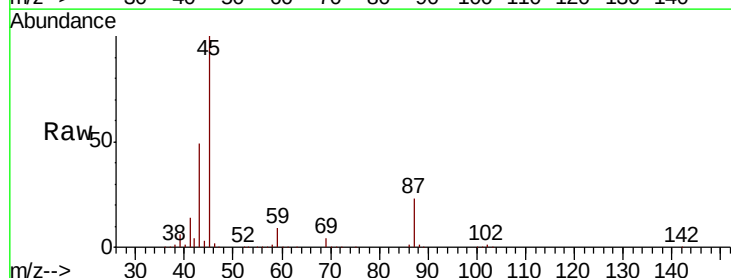
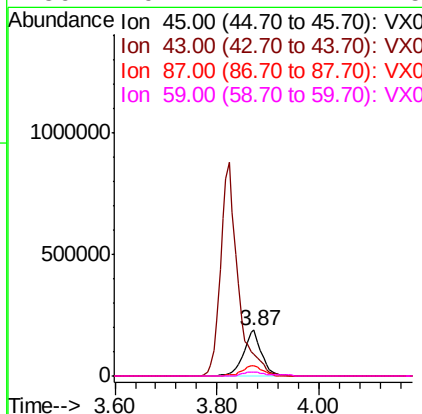
RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

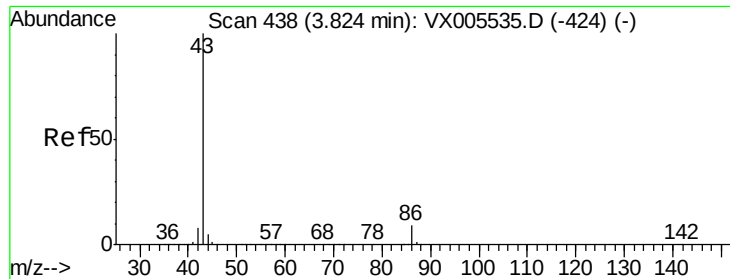
Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 457300 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 48.6  | 47.4  | 71.2   |
| 87       | 23.3  | 15.9  | 23.9   |
| 59       | 9.2   | 7.7   | 11.5   |







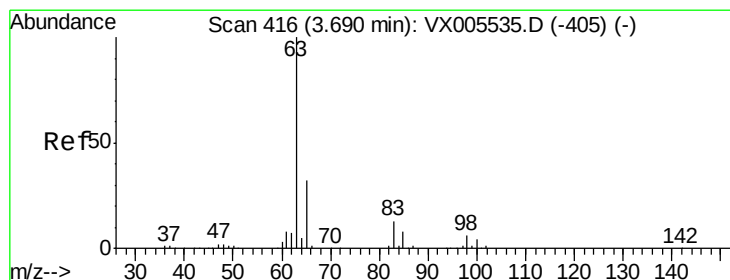
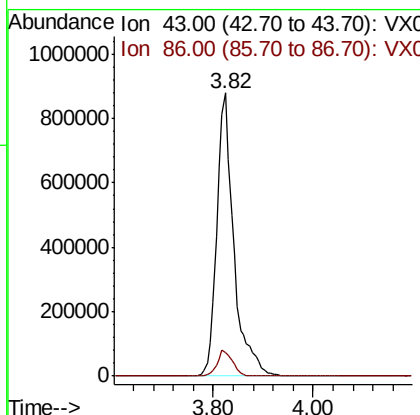
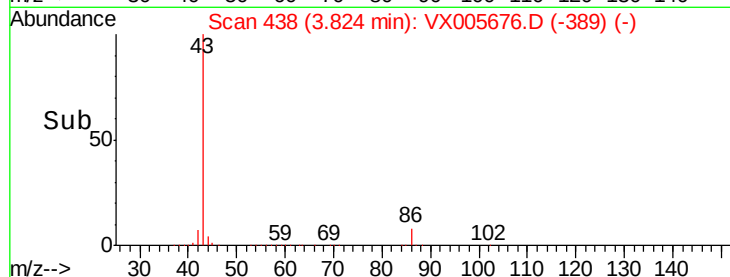
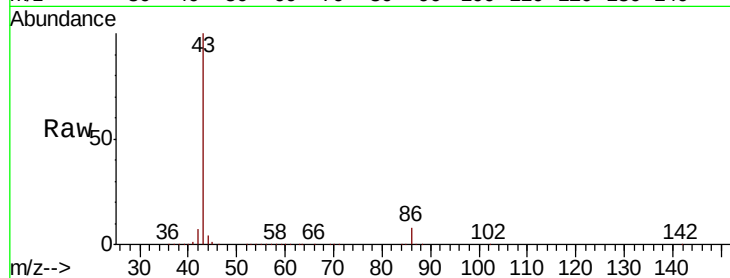
#23  
 Vinyl Acetate  
 Concen: 273.095 ug/l  
 RT: 3.82 min Scan# 438  
 Delta R.T. -0.00 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 2073451  
 Ion Ratio Lower Upper  
 43 100  
 86 8.3 7.4 11.2

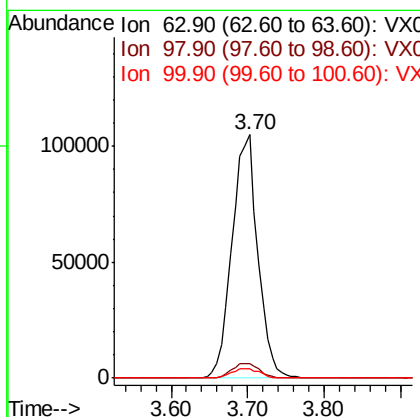
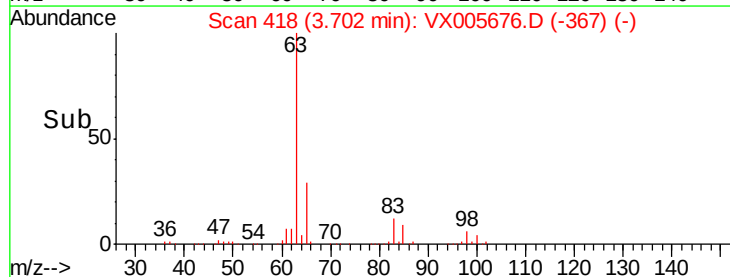
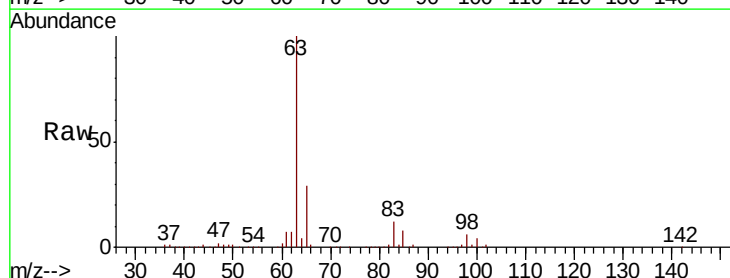
Manual Integrations  
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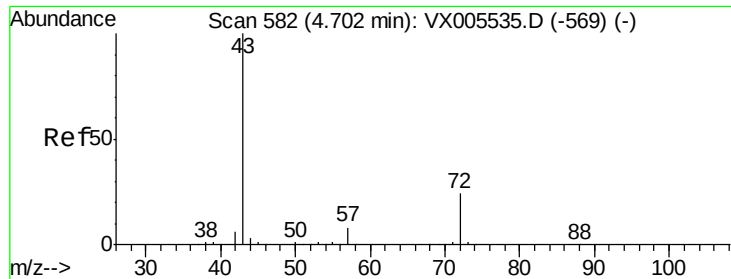
MMDadoda  
 10/30/2018 10:51:12 AM



#24  
 1,1-Dichloroethane  
 Concen: 52.346 ug/l  
 RT: 3.70 min Scan# 418  
 Delta R.T. 0.01 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

Tgt Ion: 63 Resp: 245347  
 Ion Ratio Lower Upper  
 63 100  
 98 5.8 3.2 9.6  
 100 3.9 2.1 6.2





#25

2-Butanone

Concen: 280.338 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 648866

Ion Ratio Lower Upper

43 100

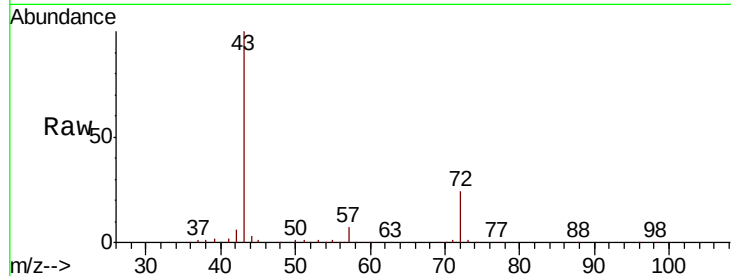
72 24.0 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

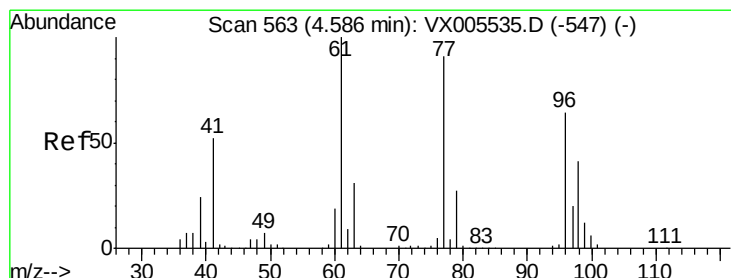
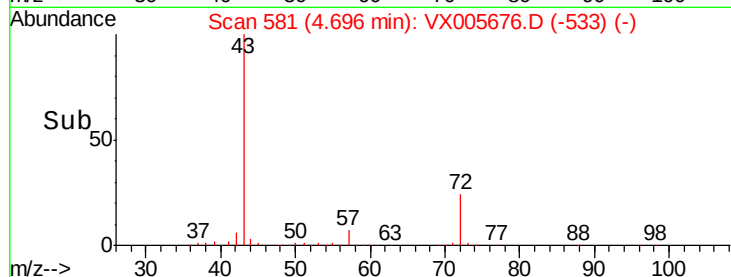
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.418 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX005676.D

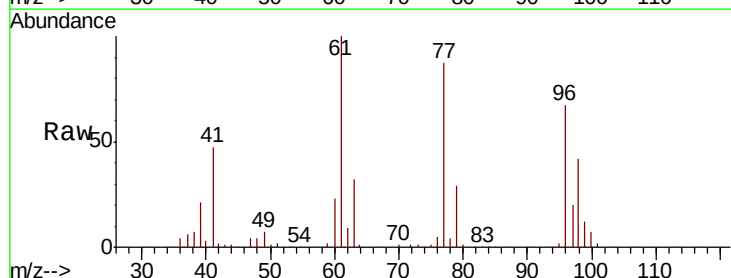
Acq: 29 Oct 2018 22:43

Tgt Ion: 77 Resp: 164348

Ion Ratio Lower Upper

77 100

97 24.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

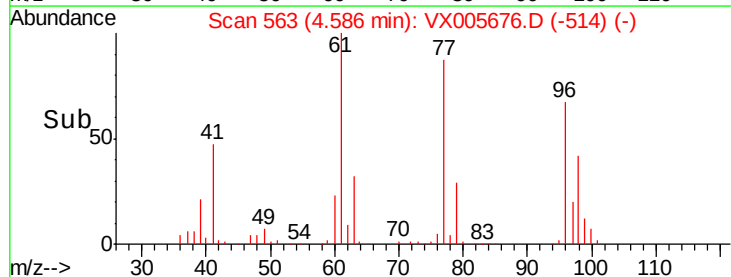
20000

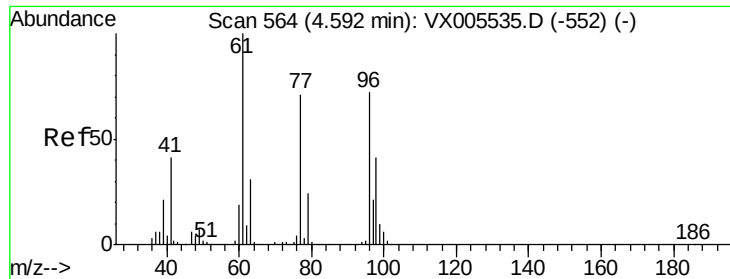
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

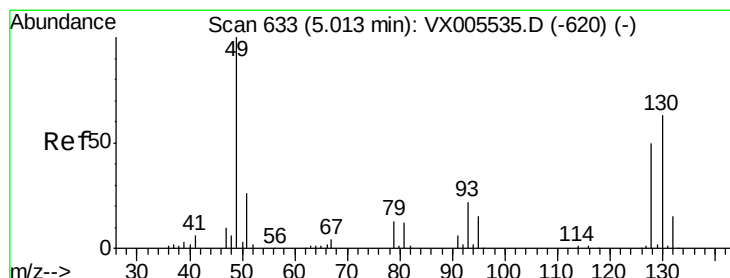
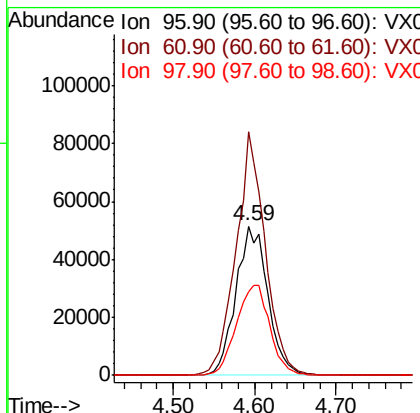
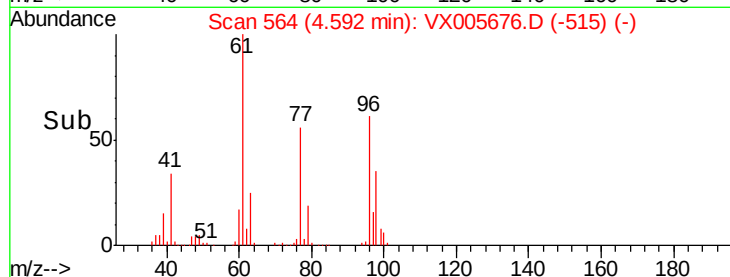
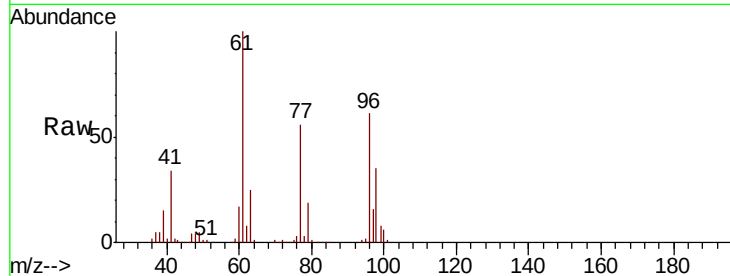
cis-1,2-Dichloroethene  
Concen: 53.596 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 148.9 | 0.0  | 304.6 |       |
| 98      | 63.7  | 0.0  | 127.4 |       |

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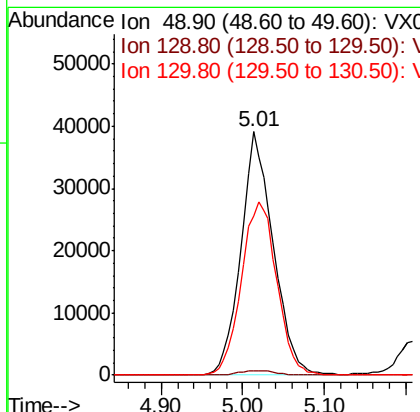
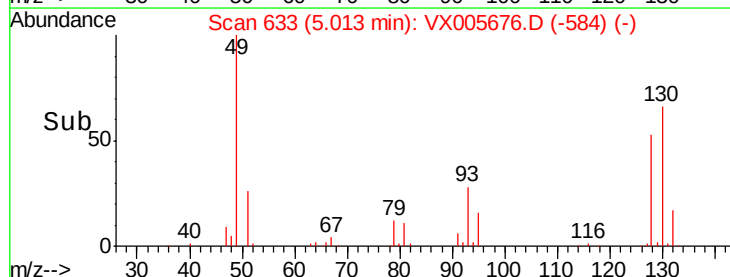
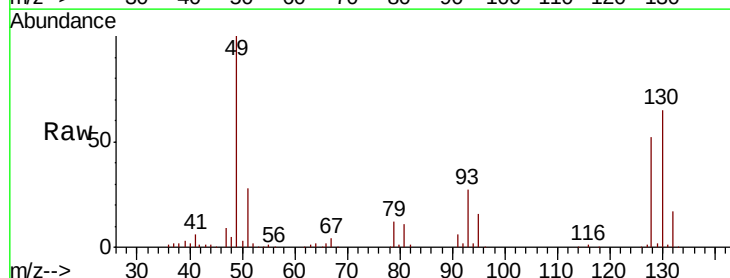
MMDadoda  
10/30/2018 10:51:12 AM

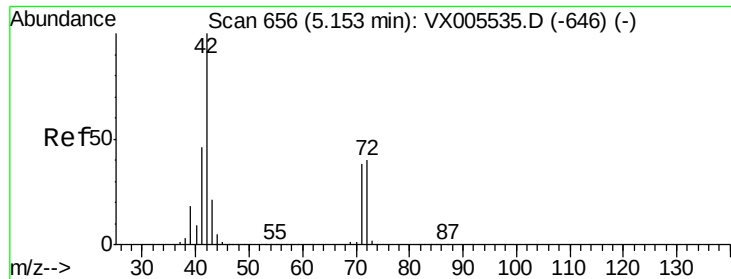


#28

Bromochloromethane  
Concen: 47.595 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.1   | 0.0  | 4.0   |       |
| 130     | 77.7  | 58.9 | 88.3  |       |





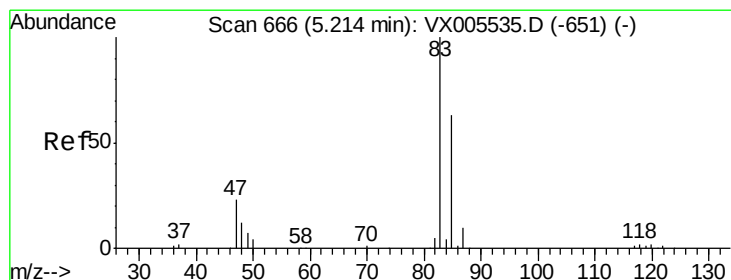
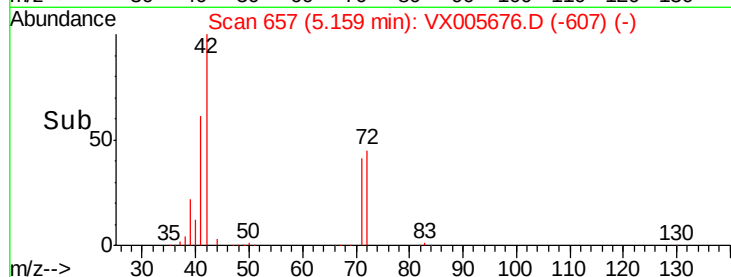
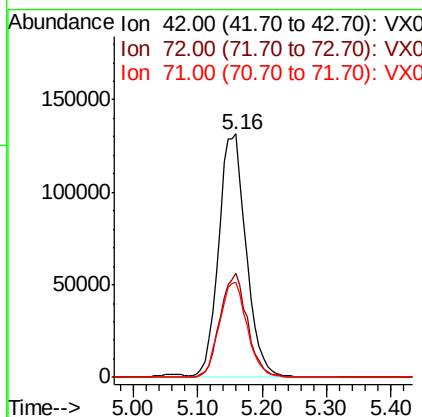
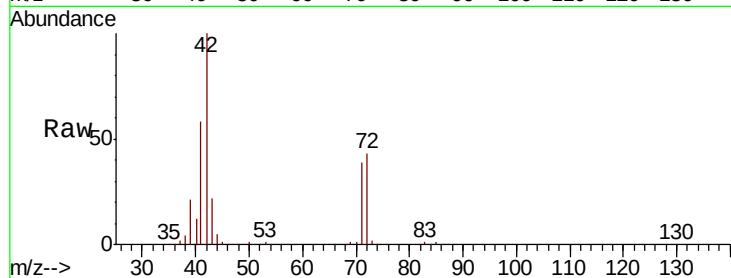
#29  
Tetrahydrofuran  
Concen: 262.687 ug/l  
RT: 5.16 min Scan# 657  
Delta R.T. 0.01 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.5  | 32.0  | 48.0  |
| 71      | 39.7  | 29.8  | 44.8  |

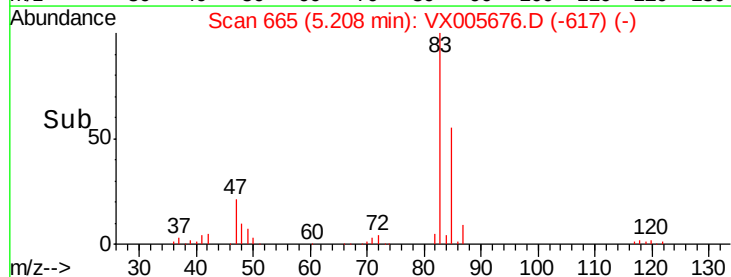
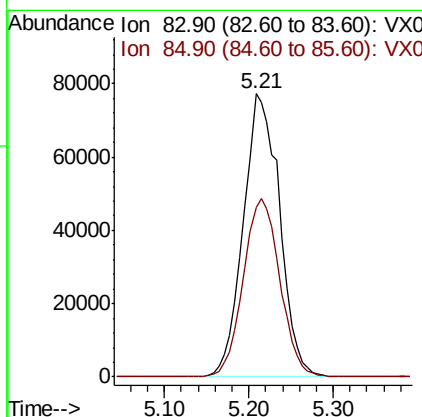
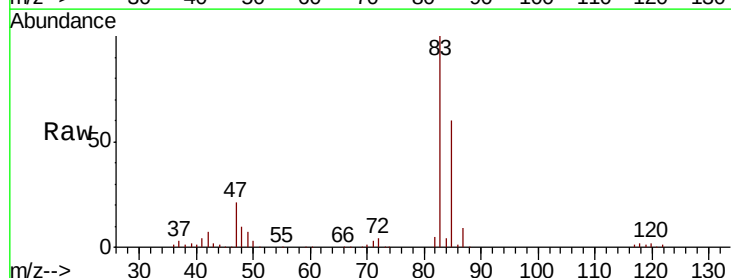
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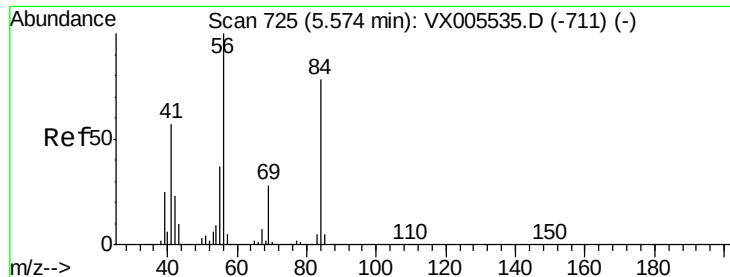
MMDadoda  
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#30  
Chloroform  
Concen: 51.382 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 59.8  | 50.6  | 76.0  |





#31

Cyclohexane

Concen: 53.049 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

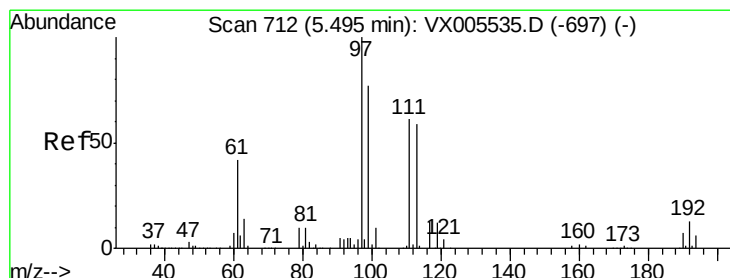
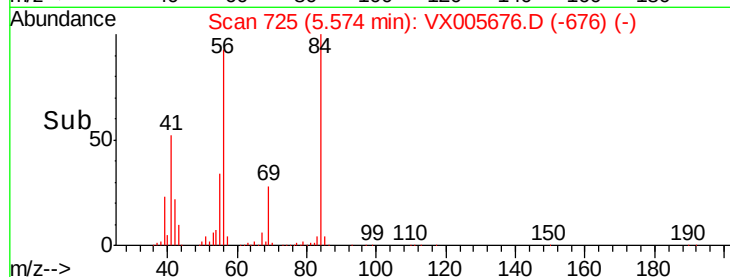
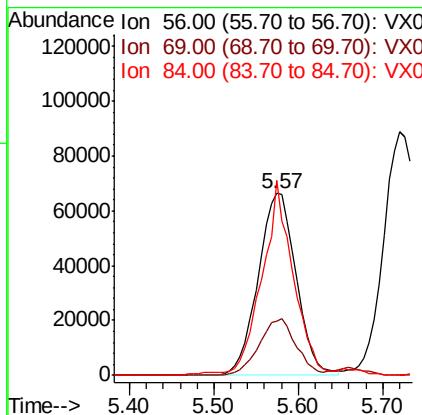
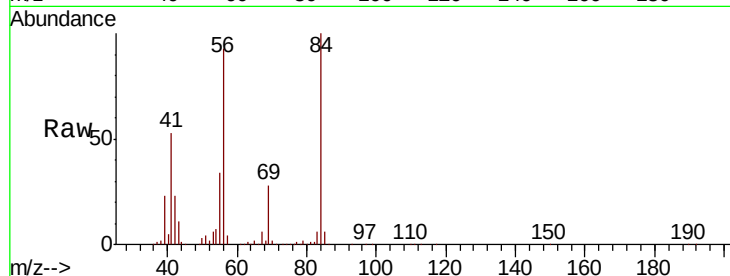
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 205724 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 30.0  | 22.6  | 34.0   |
| 84       | 106.7 | 62.7  | 94.1#  |

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#32

1,1,1-Trichloroethane

Concen: 51.469 ug/l

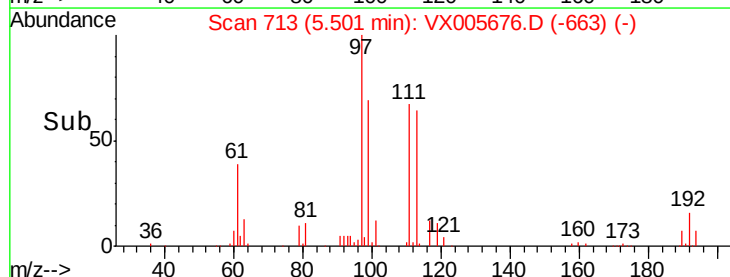
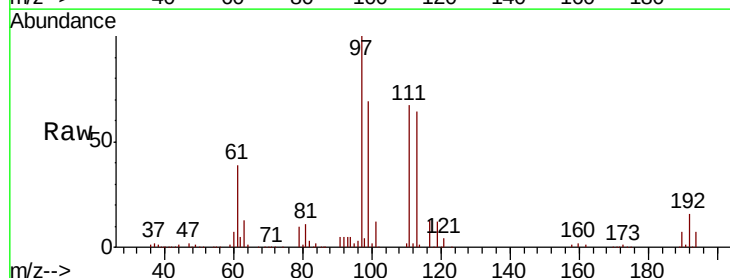
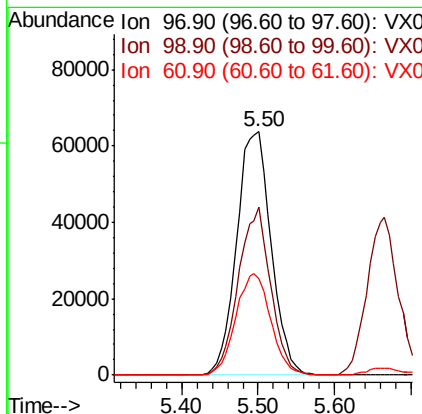
RT: 5.50 min Scan# 713

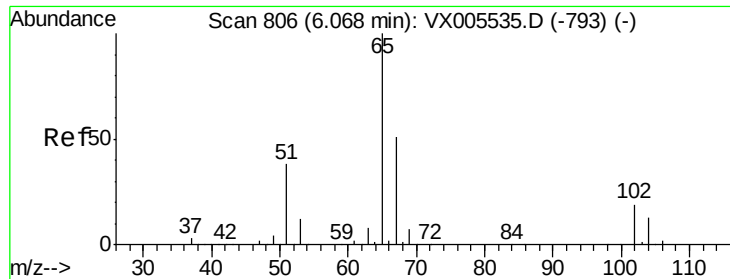
Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 199163 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.6  | 52.3  | 78.5   |
| 61       | 42.2  | 35.2  | 52.8   |





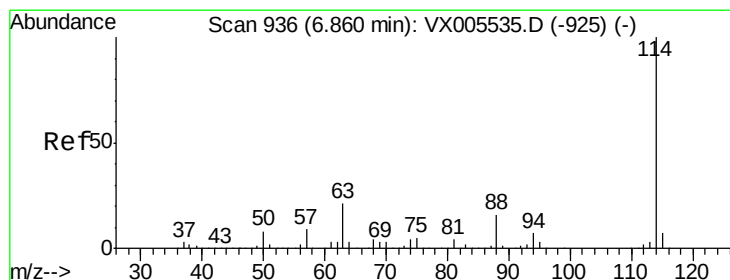
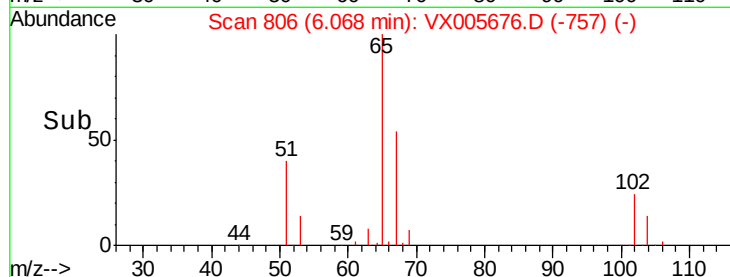
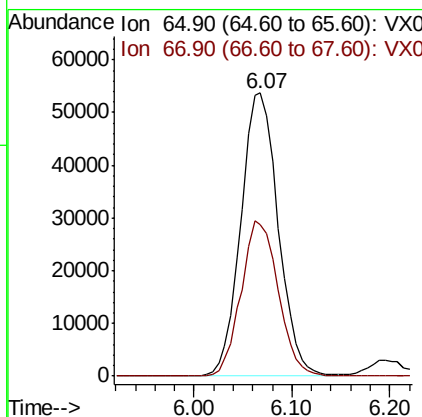
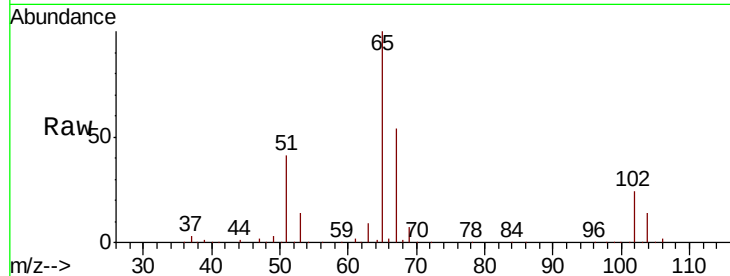
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.523 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 65 Resp: 142450  
 Ion Ratio Lower Upper  
 65 100  
 67 54.7 0.0 105.0

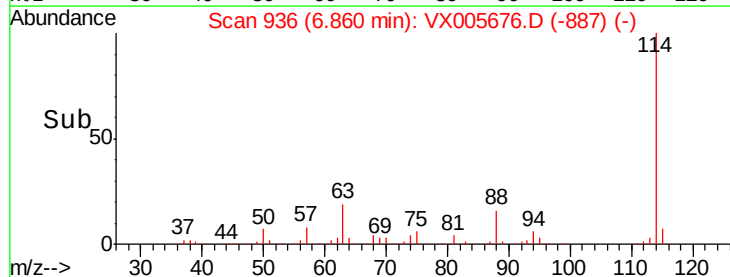
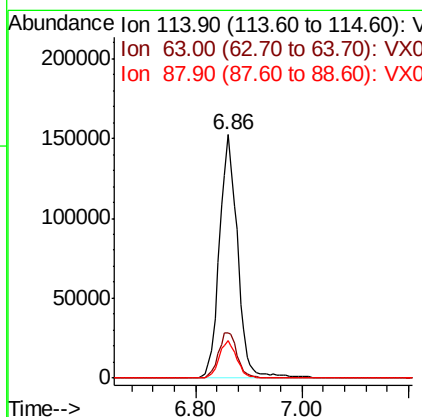
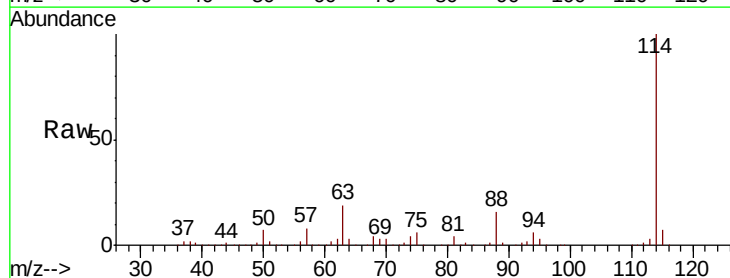
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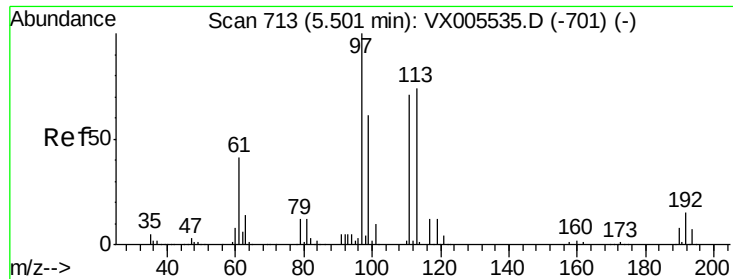
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

Tgt Ion: 114 Resp: 364633  
 Ion Ratio Lower Upper  
 114 100  
 63 18.7 0.0 42.8  
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.315 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

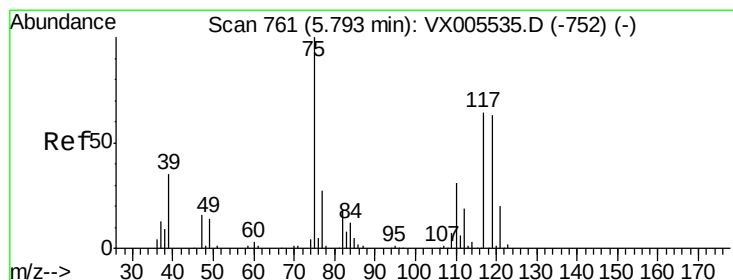
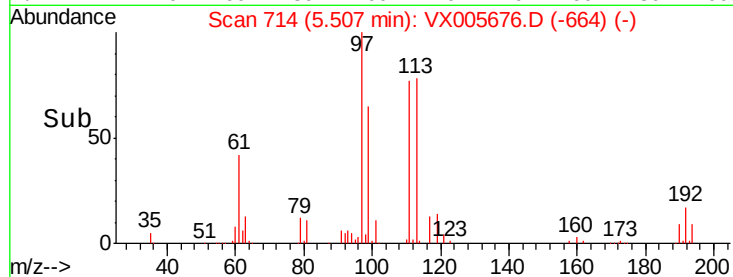
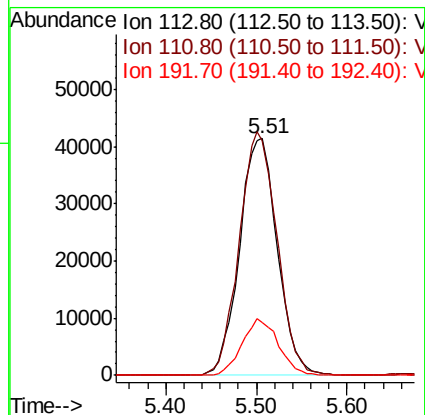
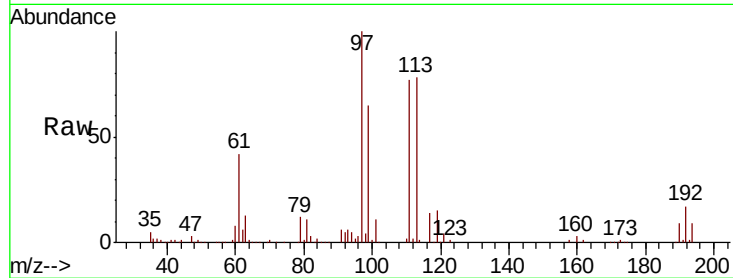
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 119290 |       |       |
| 111     | 103.0 | 82.3   | 123.5 |       |
| 192     | 23.0  | 17.9   | 26.9  |       |

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#36

1,1-Dichloropropene

Concen: 49.709 ug/l

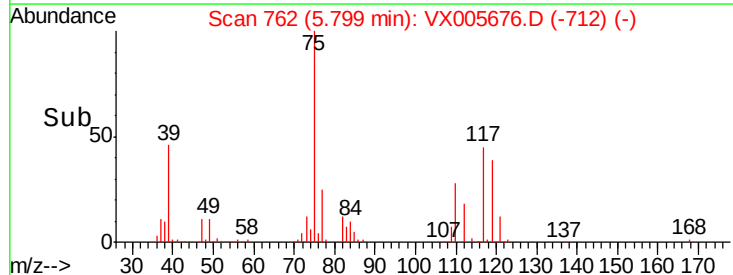
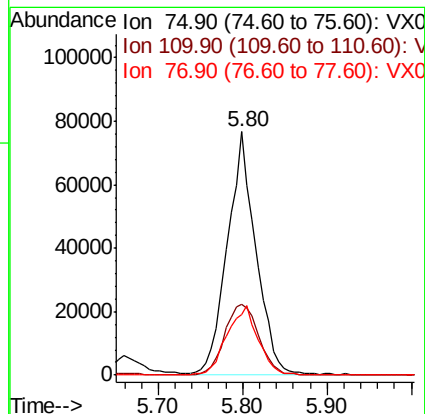
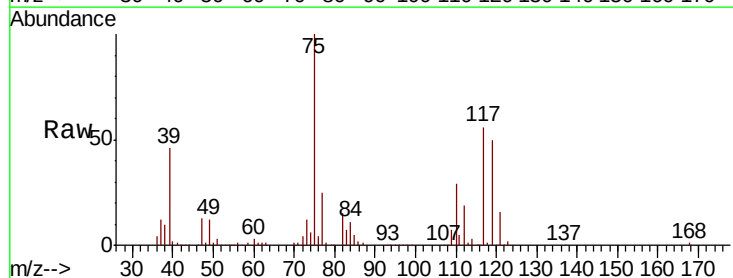
RT: 5.80 min Scan# 762

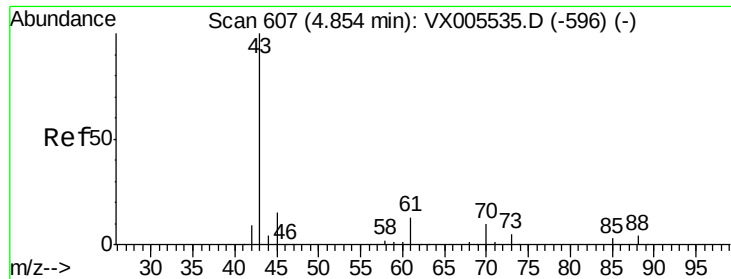
Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 175900 |       |       |
| 110     | 35.2  | 17.4   | 52.2  |       |
| 77      | 30.7  | 25.8   | 38.6  |       |





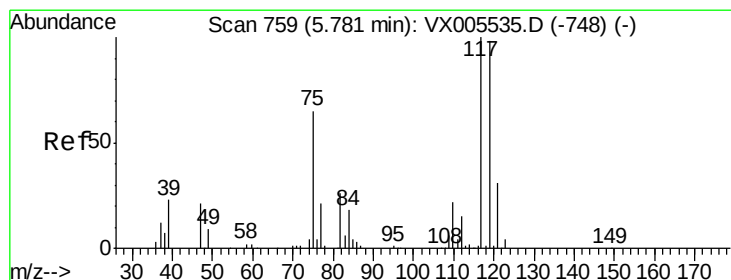
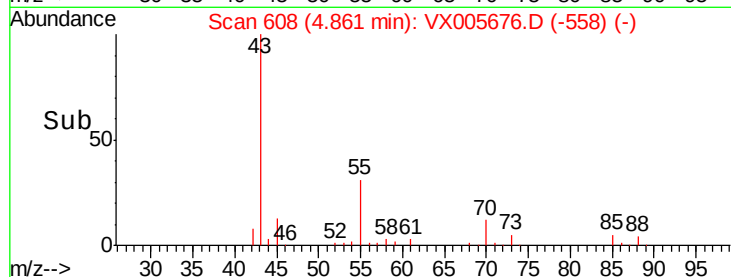
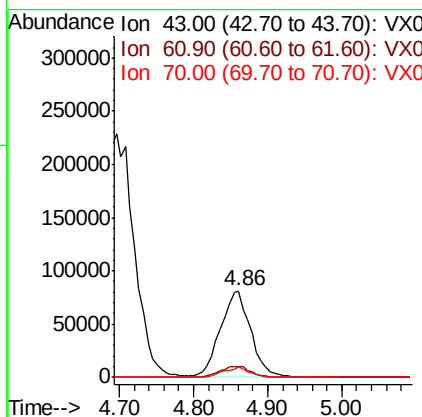
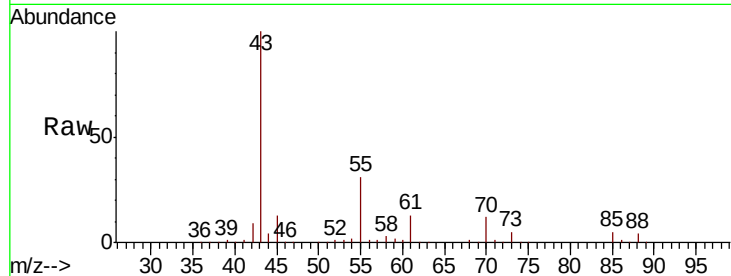
#37  
Ethyl Acetate  
Concen: 50.863 ug/l  
RT: 4.86 min Scan# 608  
Delta R.T. 0.01 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.1  | 10.8  | 16.2  |
| 70      | 10.2  | 7.8   | 11.8  |

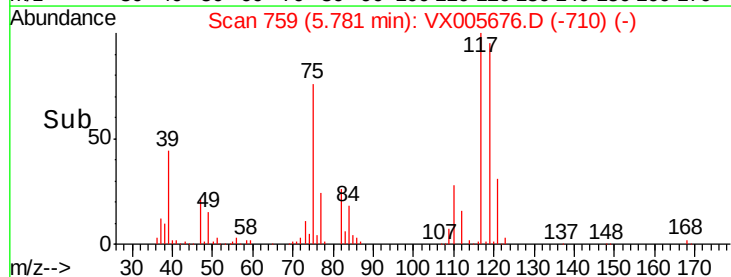
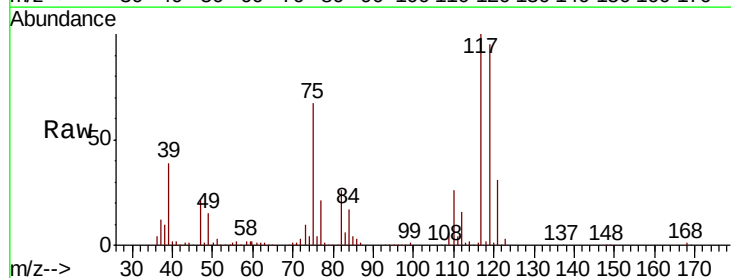
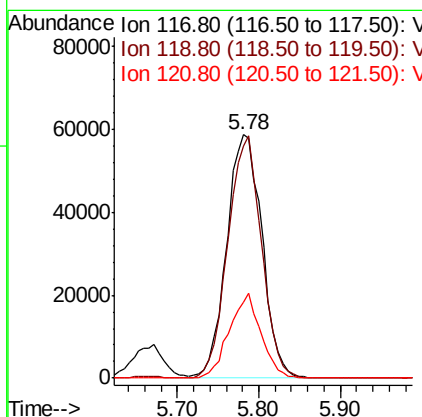
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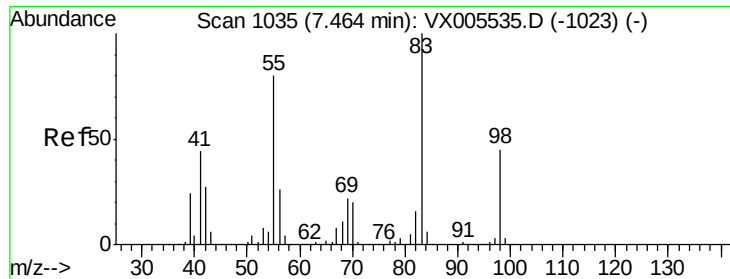


#38  
Carbon Tetrachloride  
Concen: 47.146 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.3  | 78.1  | 117.1 |
| 121     | 31.4  | 24.6  | 36.8  |







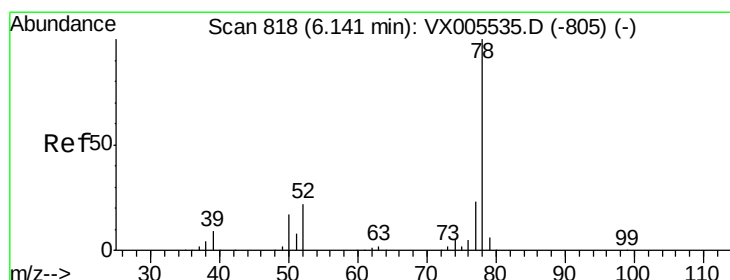
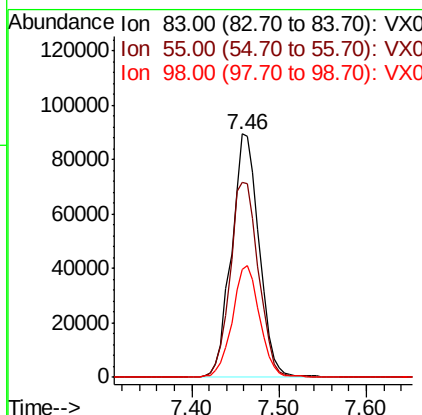
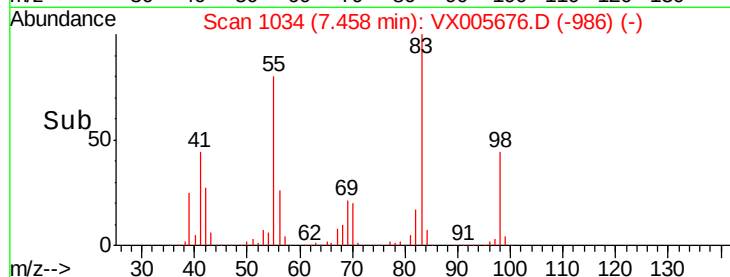
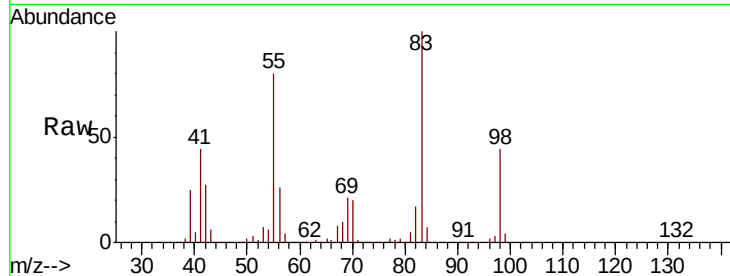
#39  
Methylvlcyclohexane  
Concen: 50.331 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 196666 |       |       |
| 55      | 80.1  | 63.7   | 95.5  |       |
| 98      | 44.2  | 36.2   | 54.2  |       |

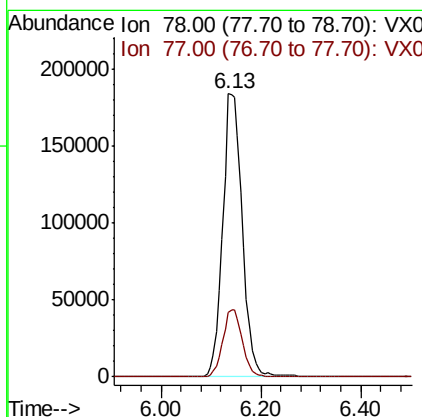
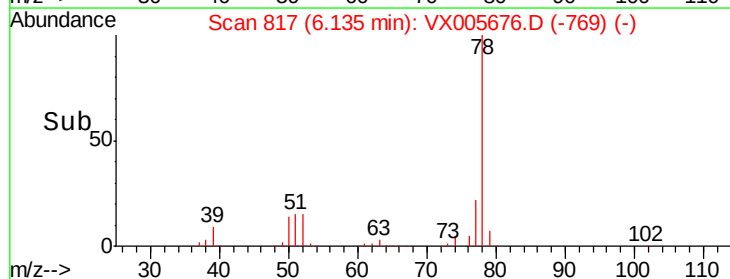
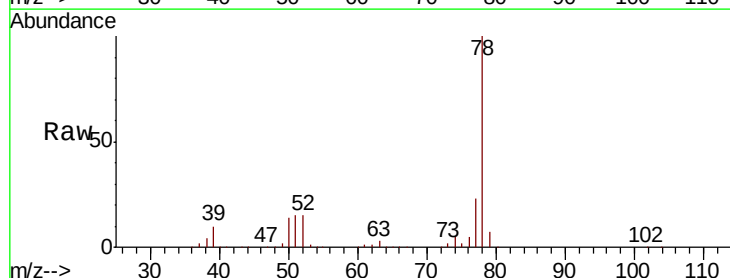
Manual Integrations  
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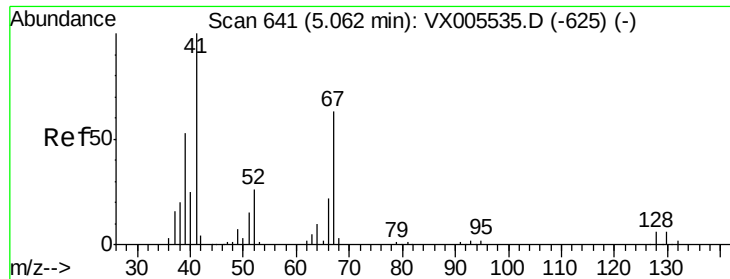
MMDadoda  
10/30/2018 10:51:12 AM



#40  
Benzene  
Concen: 49.637 ug/l  
RT: 6.13 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 503508 |       |       |
| 77      | 22.8  | 18.4   | 27.6  |       |





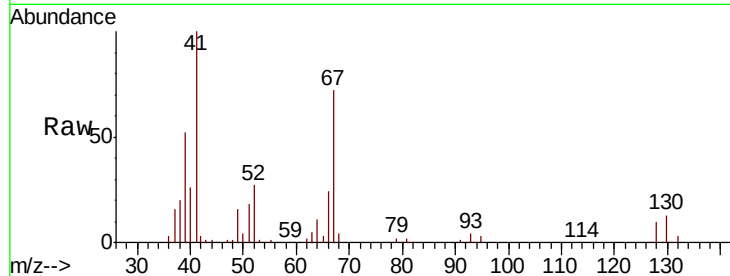
#41  
Methacrylonitrile  
Concen: 48.921 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. -0.01 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

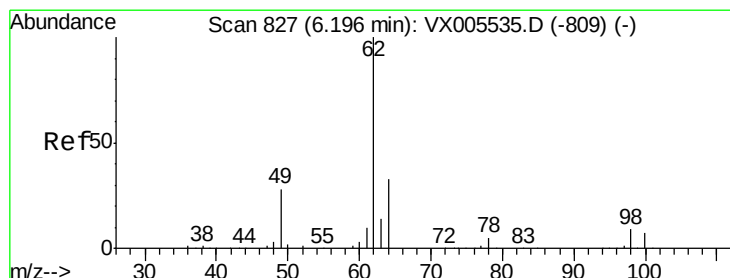
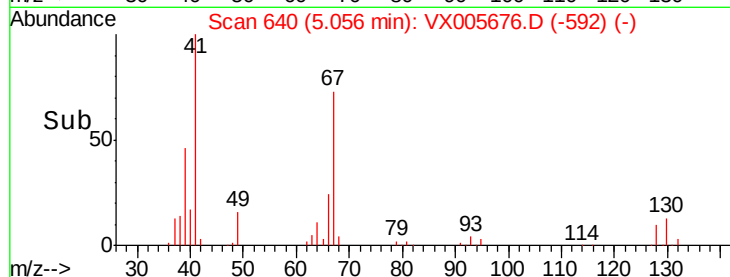
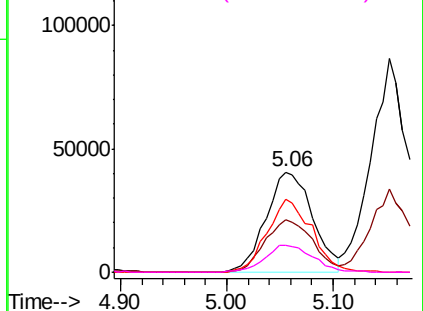
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 53.8  | 42.2  | 63.2  |
| 67      | 69.8  | 53.4  | 80.0  |
| 52      | 28.5  | 23.4  | 35.2  |

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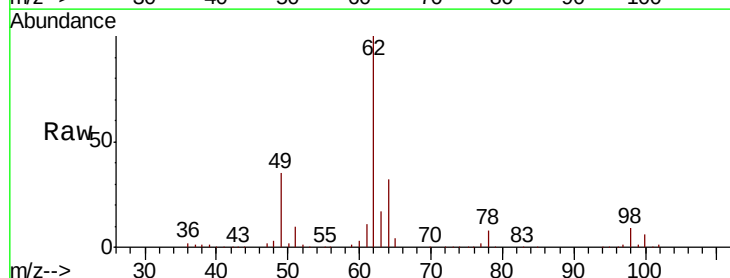


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

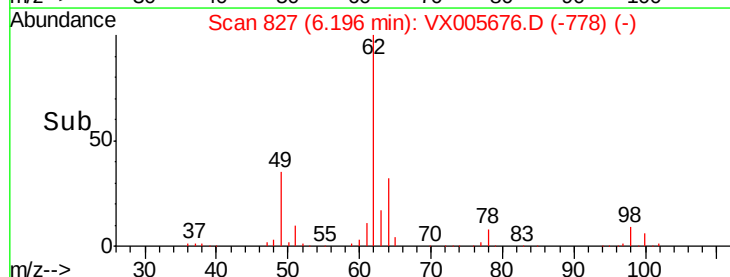
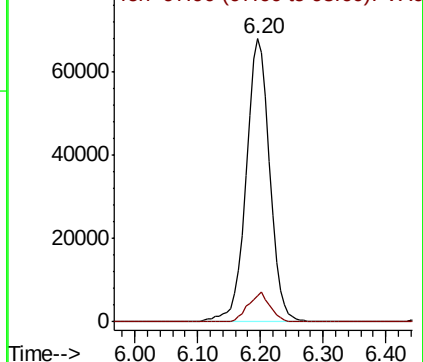


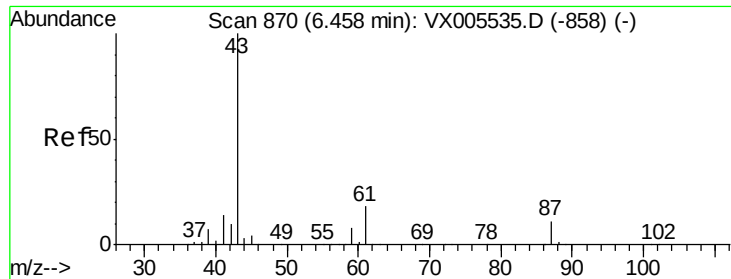
#42  
1,2-Dichloroethane  
Concen: 45.862 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.7   | 0.0   | 17.8  |



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.470 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

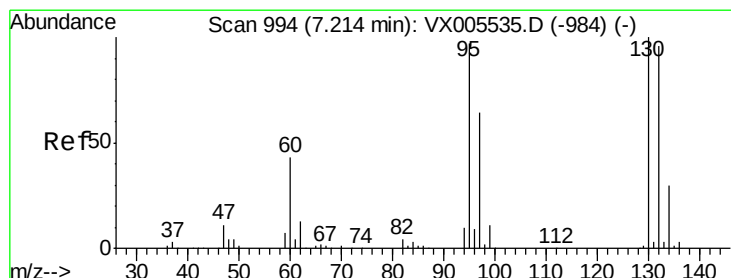
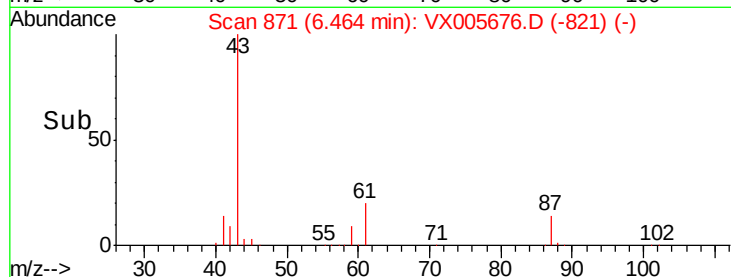
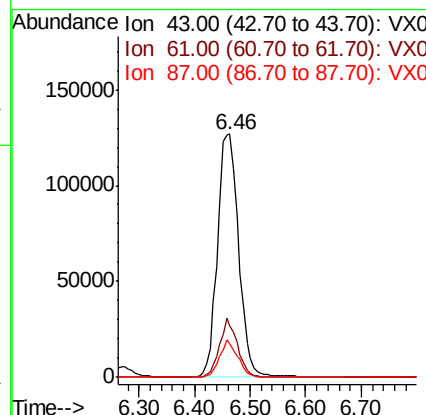
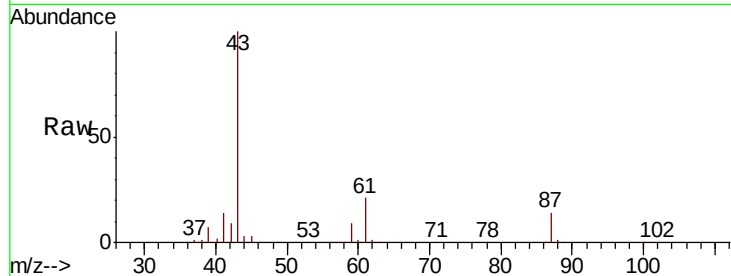
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 334742 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.6  | 14.6  | 22.0   |
| 87       | 13.3  | 9.6   | 14.4   |

Manual Integrations  
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#44

Trichloroethene

Concen: 50.738 ug/l

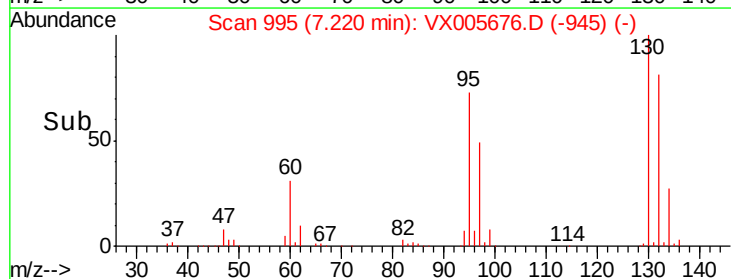
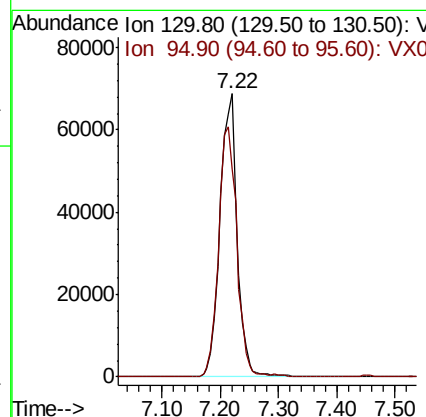
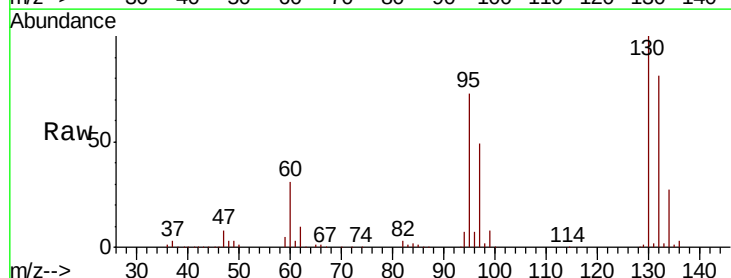
RT: 7.22 min Scan# 995

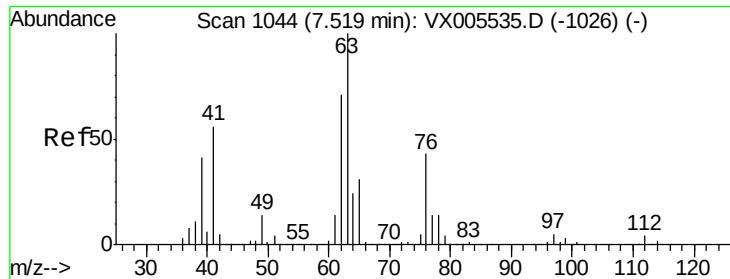
Delta R.T. 0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 140212 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 73.3  | 0.0   | 194.2  |





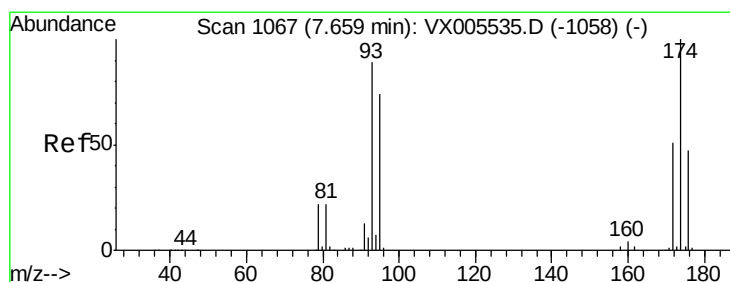
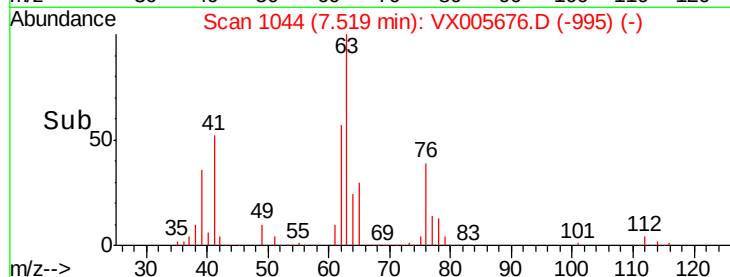
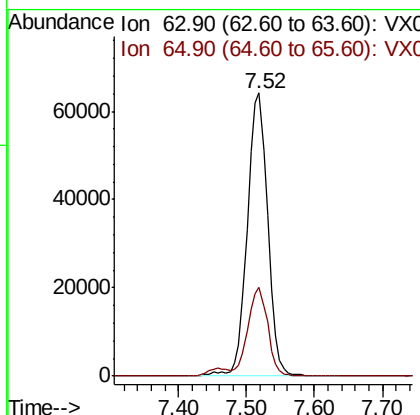
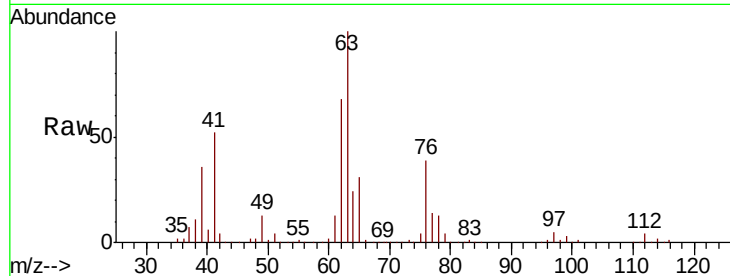
#45  
 1,2-Dichloropropane  
 Concen: 49.334 ug/l  
 RT: 7.52 min Scan# 1044  
 Delta R.T. -0.00 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.3  | 24.8  | 37.2  |

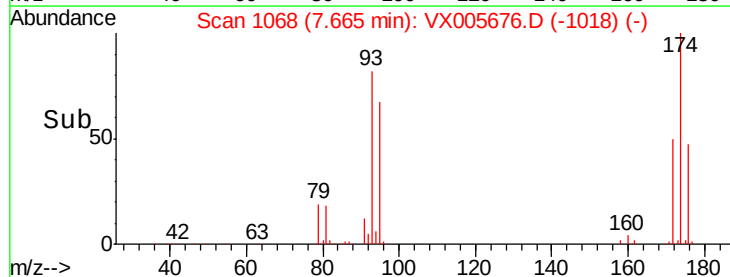
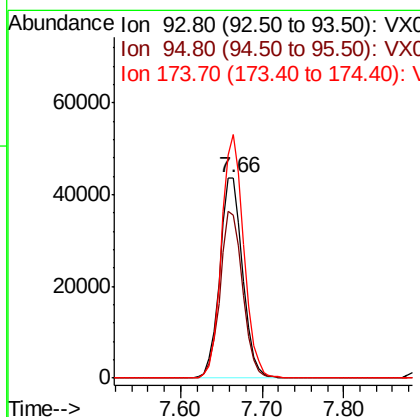
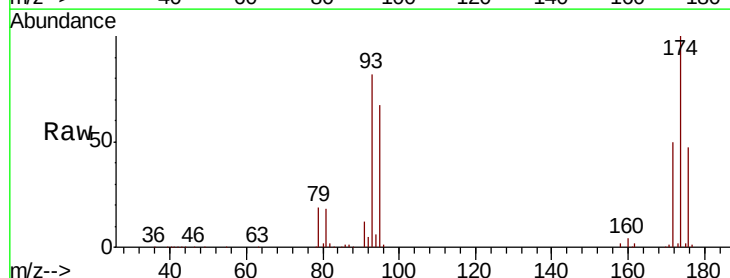
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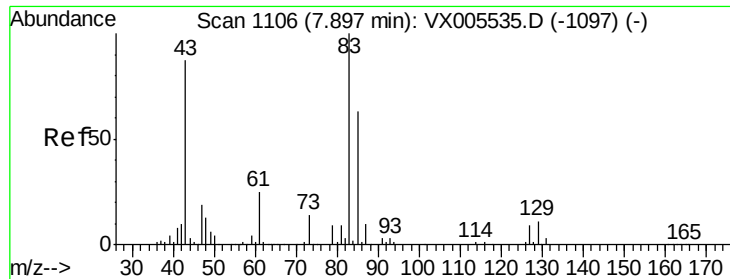
MMDadoda  
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#46  
 Dibromomethane  
 Concen: 48.418 ug/l  
 RT: 7.66 min Scan# 1068  
 Delta R.T. 0.01 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.2  | 67.4  | 101.0 |
| 174     | 117.8 | 91.5  | 137.3 |





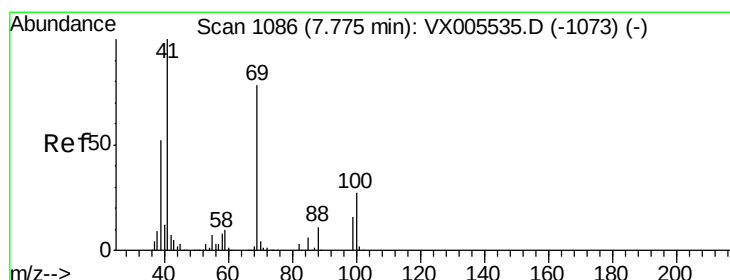
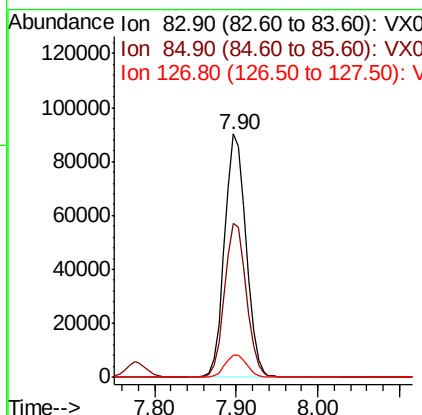
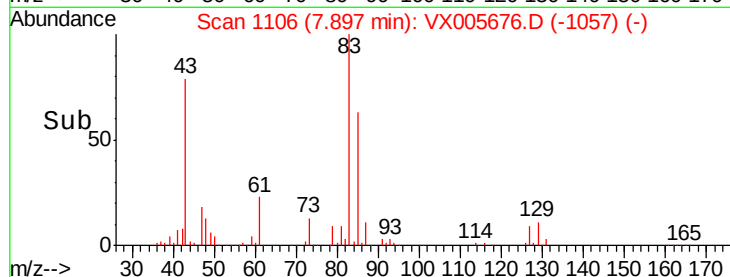
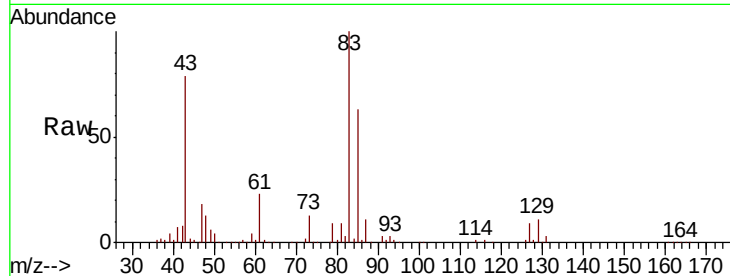
#47  
Bromodichloromethane  
Concen: 47.917 ug/l  
RT: 7.90 min Scan# 1106  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 83    | Resp  | 163810 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.1  | 50.2  | 75.4   |
| 127       | 9.0   | 6.9   | 10.3   |

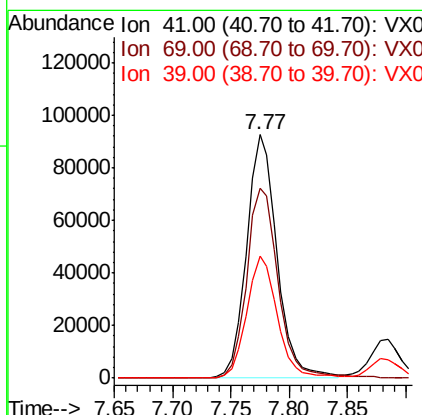
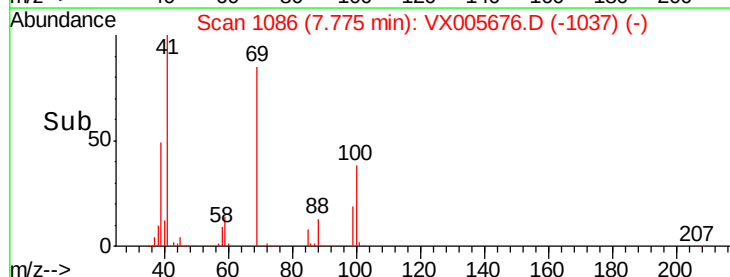
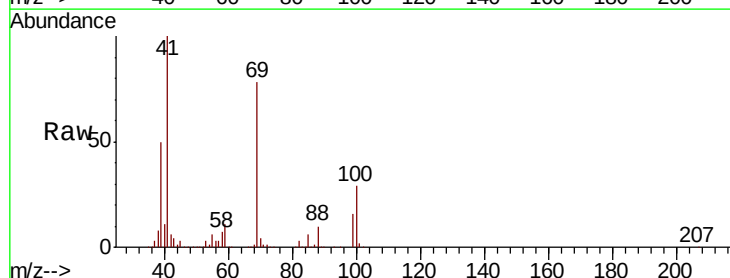
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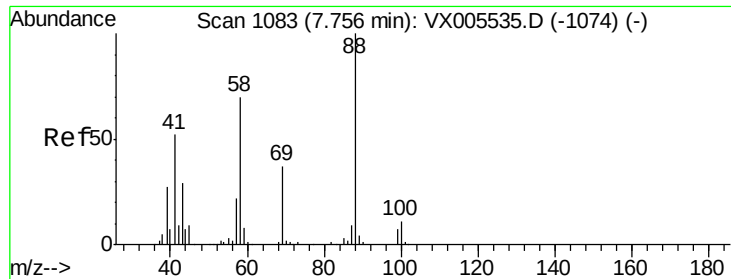
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#48  
Methyl methacrylate  
Concen: 51.119 ug/l  
RT: 7.77 min Scan# 1086  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

| Tgt Ion   | 41    | Resp  | 168510 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 81.2  | 63.2  | 94.8   |
| 39        | 50.6  | 42.2  | 63.2   |





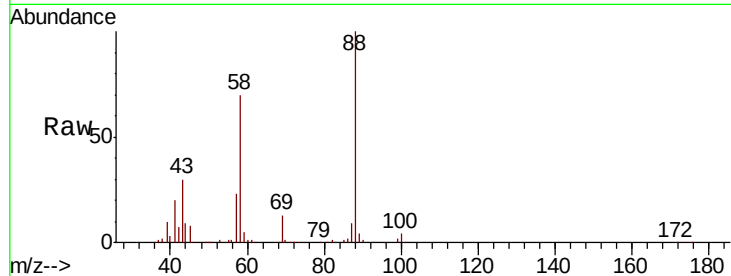
#49  
1,4-Dioxane  
Concen: 1041.862 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. -0.01 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.7  | 27.4  | 41.0  |
| 58      | 74.5  | 59.4  | 89.2  |

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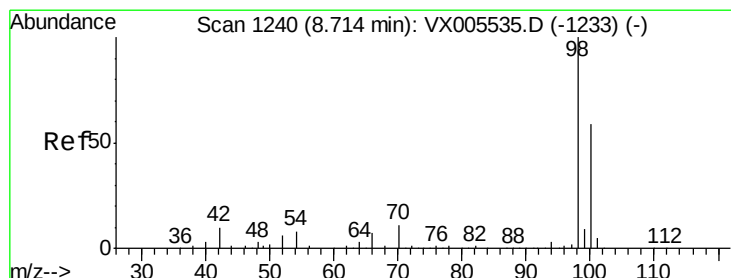
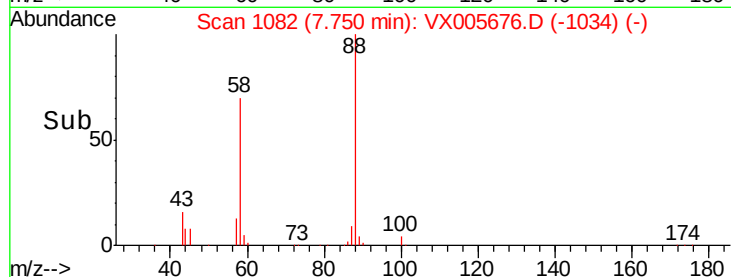
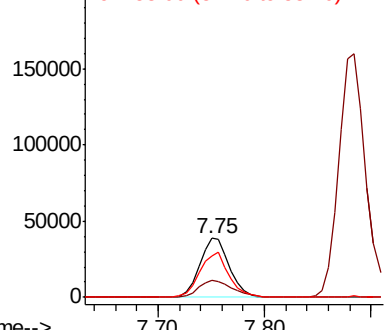


Abundance

Ion 88.00 (87.70 to 88.70): VX0

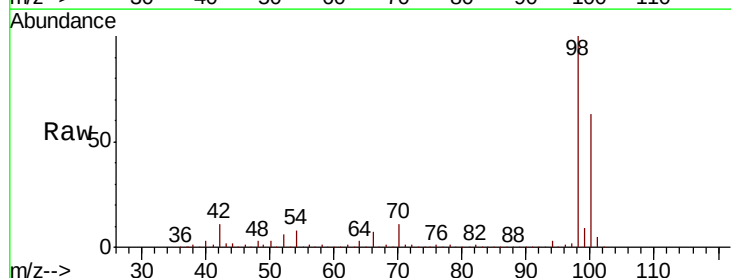
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50  
Toluene-d8  
Concen: 49.678 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

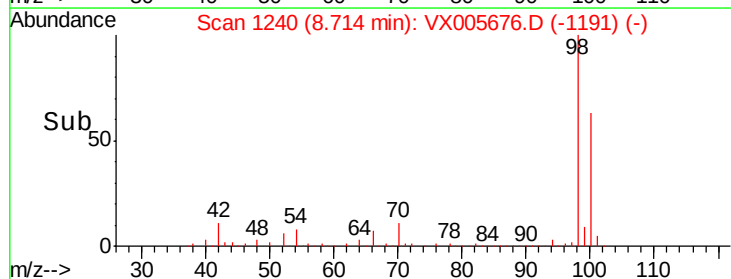
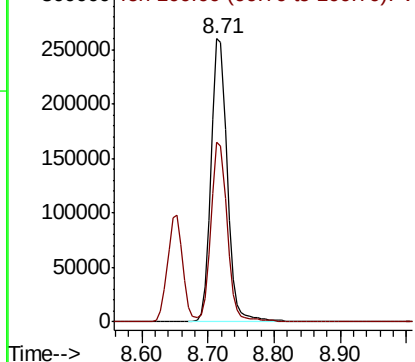
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.7  | 51.3  | 76.9  |

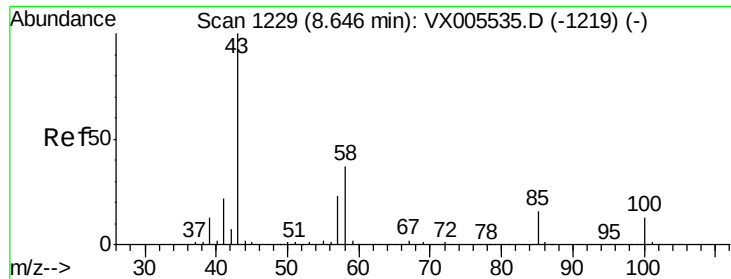


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 248.227 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1128837

Ion Ratio Lower Upper

43 100

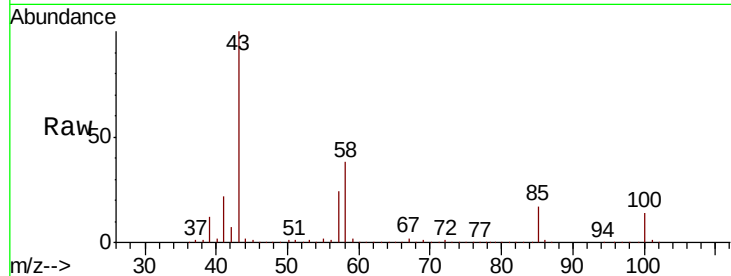
58 37.8 29.7 44.5

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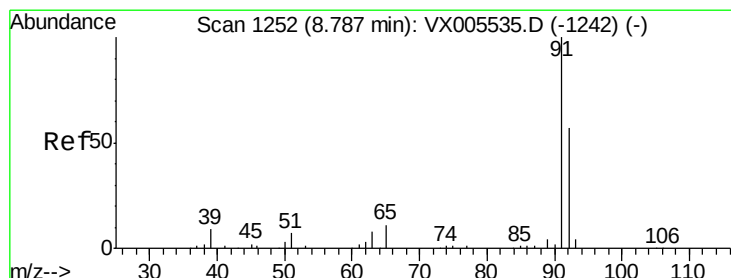
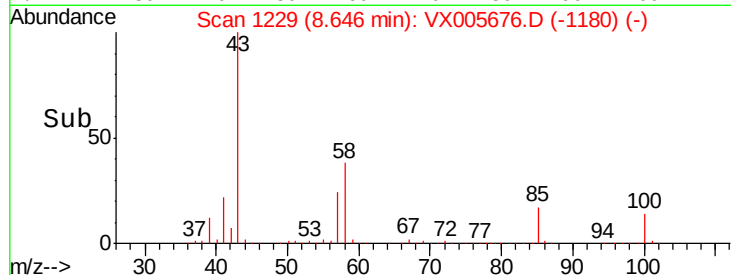
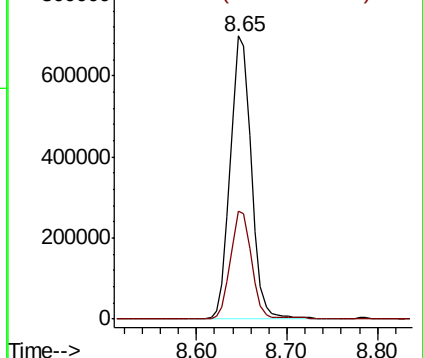
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.042 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005676.D

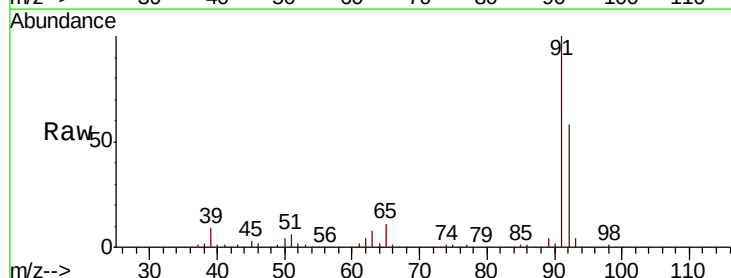
Acq: 29 Oct 2018 22:43

Tgt Ion: 92 Resp: 308504

Ion Ratio Lower Upper

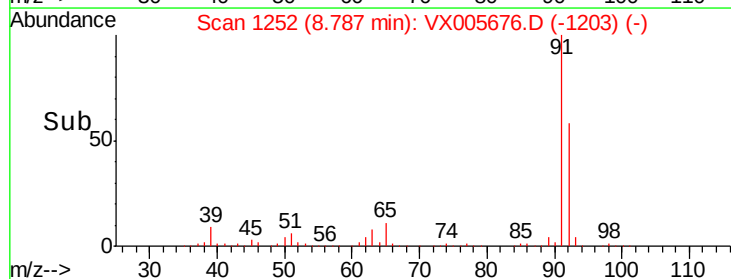
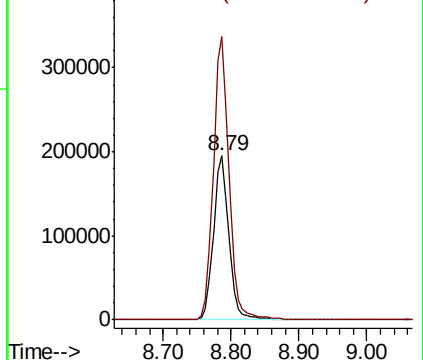
92 100

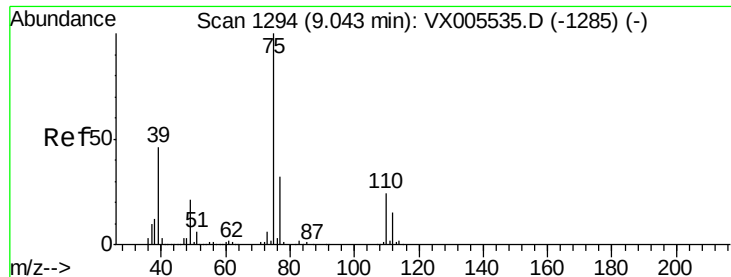
91 175.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.891 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Tot Ion: 75 Resp: 184332

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2

Instrument :

MSVOA\_X

ClientSampleId :

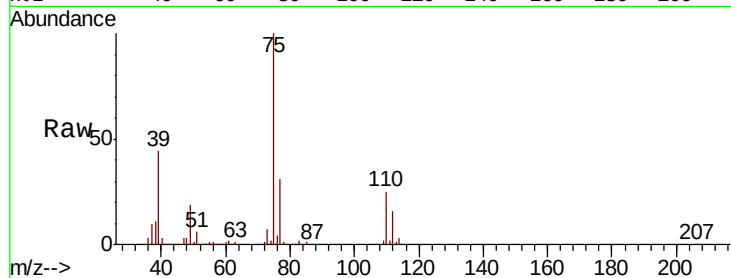
VSTDCCC050

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

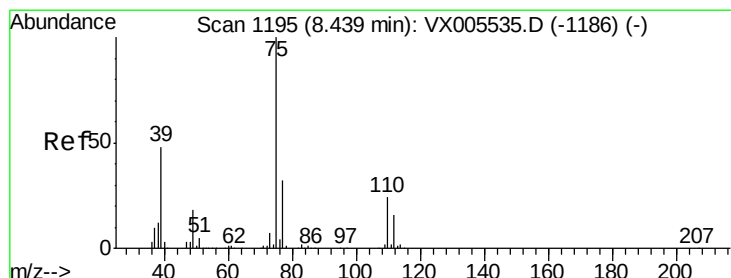
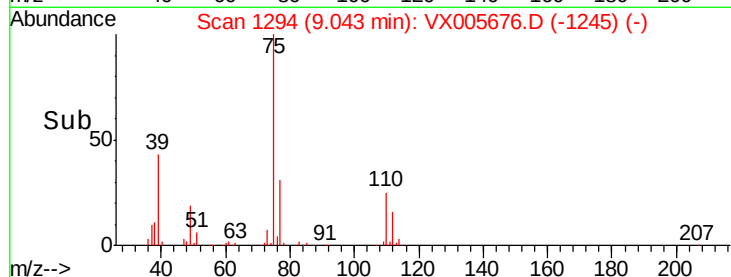
100000

50000

0

9.00 9.04 9.10 9.20

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.308 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

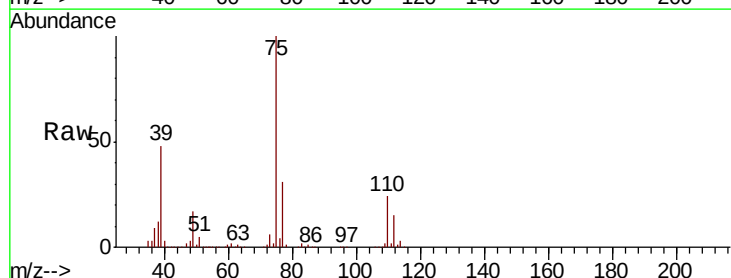
Tgt Ion: 75 Resp: 200118

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 47.6 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

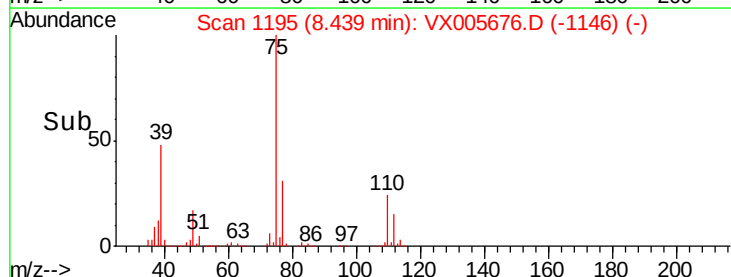
100000

50000

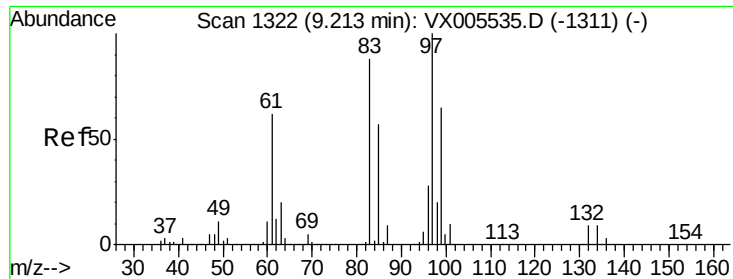
0

8.40 8.44 8.50 8.60

Time-->







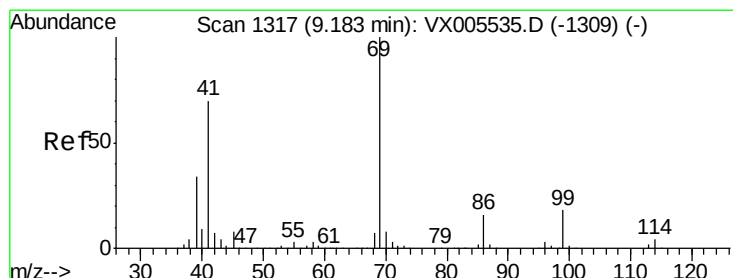
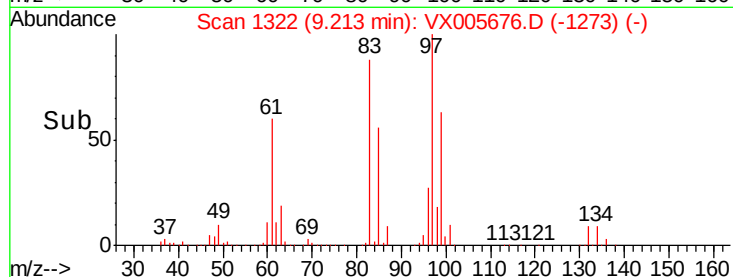
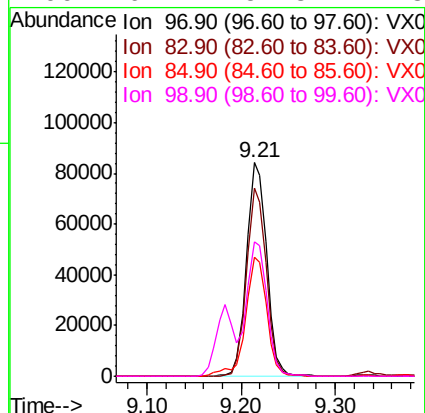
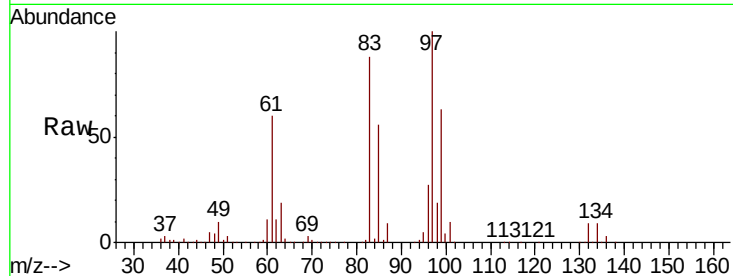
#55  
1,1,2-Trichloroethane  
Concen: 48.581 ug/l  
RT: 9.21 min Scan# 1322  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 126269 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 88.0  | 70.7  | 106.1  |
| 85       | 55.7  | 45.8  | 68.6   |
| 99       | 62.7  | 51.8  | 77.8   |

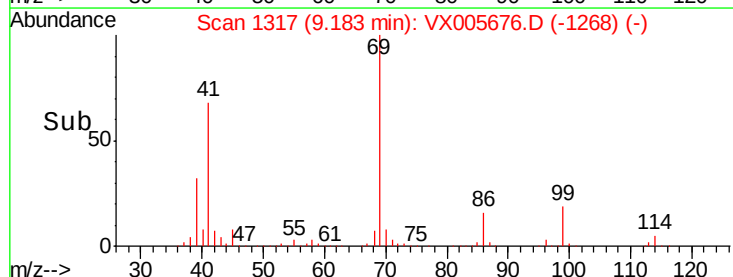
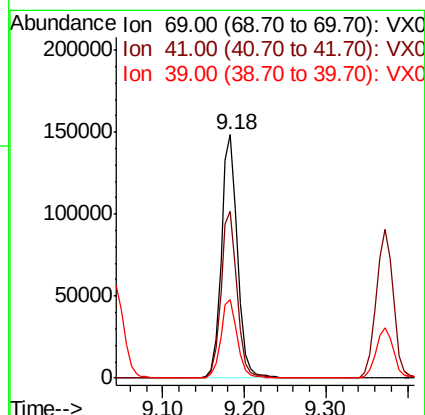
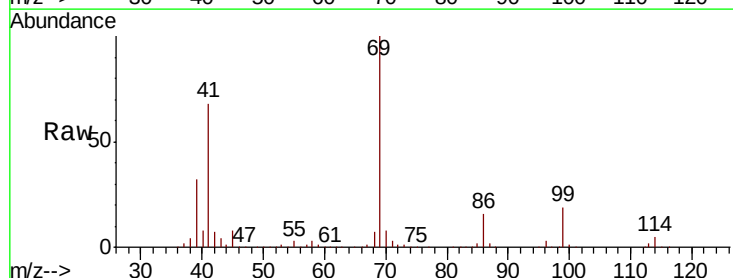
Manual Integrations  
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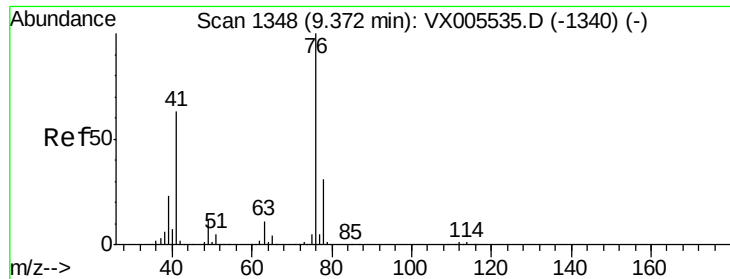
MMDadoda  
10/30/2018 10:51:12 AM



#56  
Ethyl methacrylate  
Concen: 53.043 ug/l  
RT: 9.18 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 205643 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.6  | 57.0  | 85.6   |
| 39       | 32.8  | 28.3  | 42.5   |





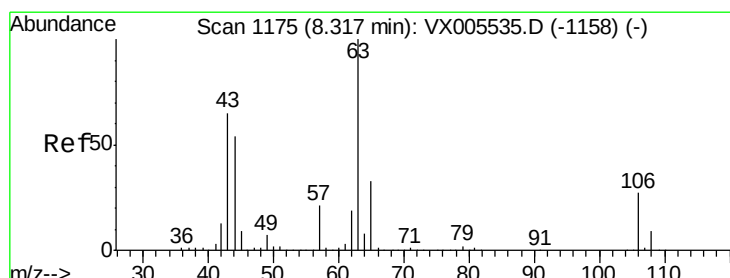
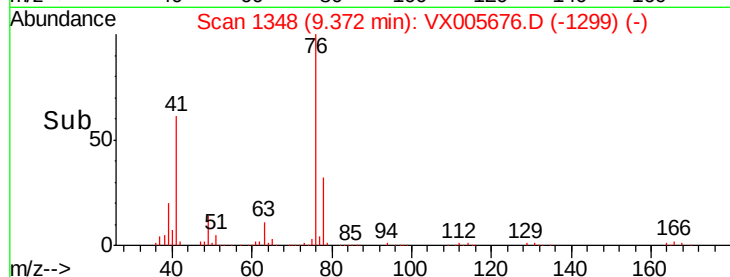
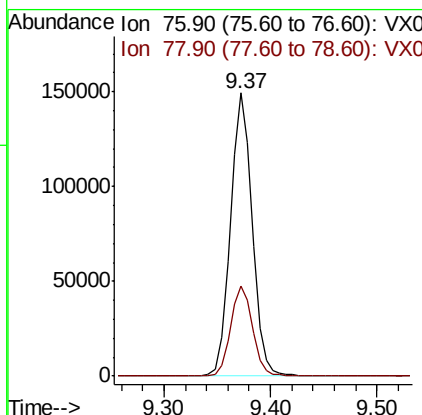
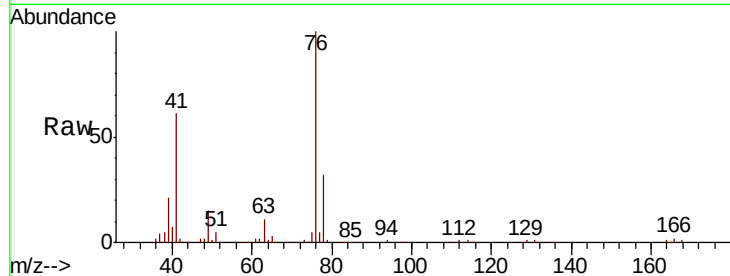
#57  
 1,3-Dichloropropane  
 Concen: 48.736 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.1  | 25.3  | 37.9  |

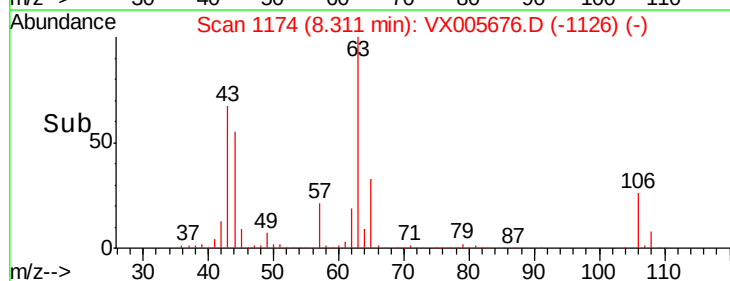
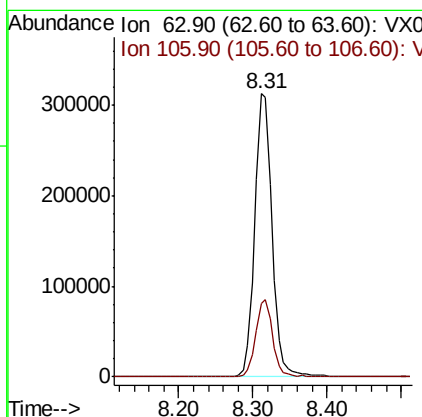
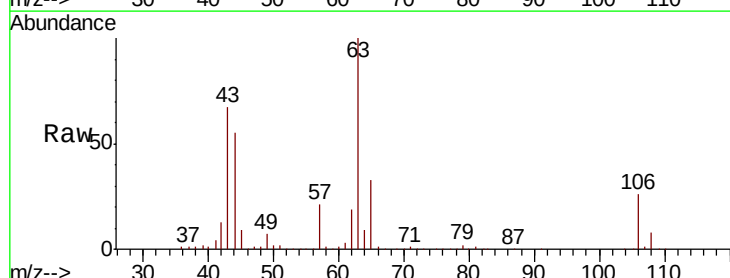
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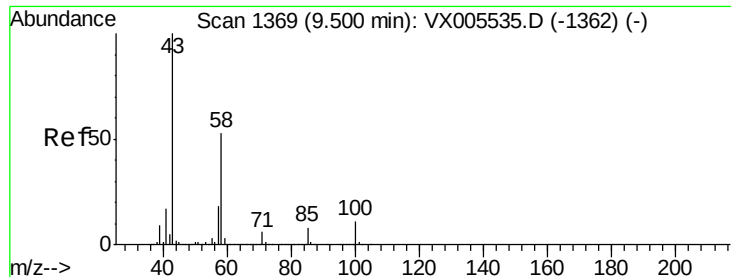
MMDadoda  
 10/30/2018 10:51:12 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 236.522 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. -0.01 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 26.9  | 21.3  | 31.9  |





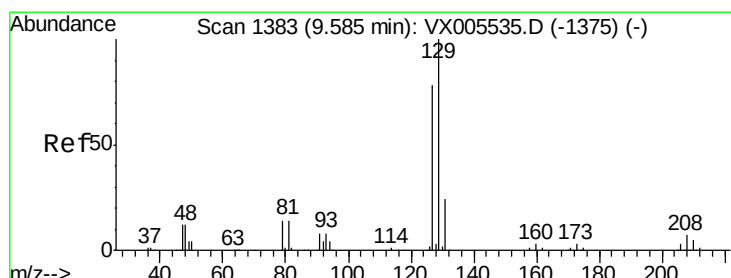
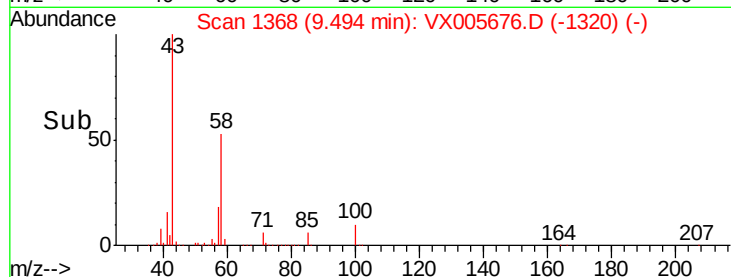
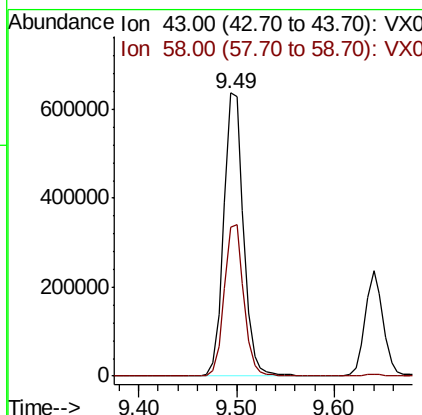
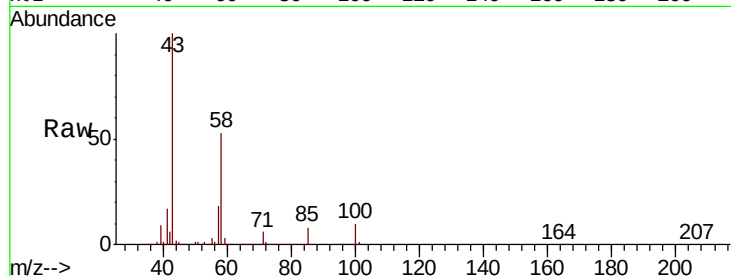
#59  
2-Hexanone  
Concen: 248.997 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 892792  
Ion Ratio Lower Upper  
43 100  
58 53.4 25.9 77.8

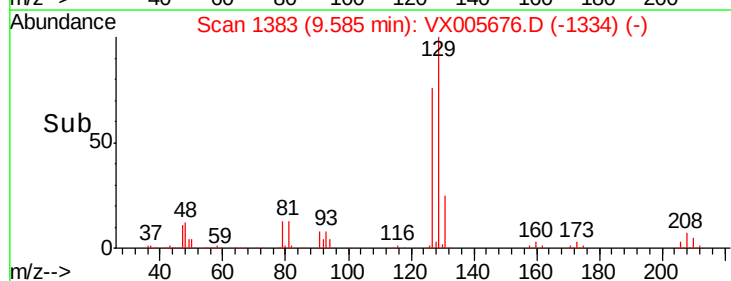
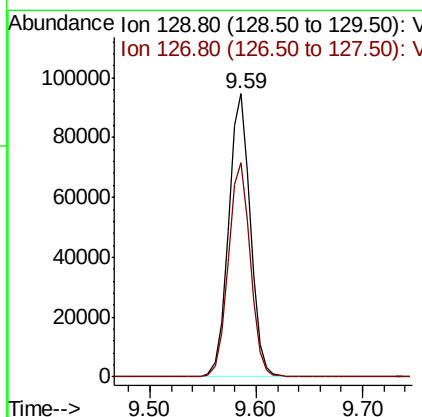
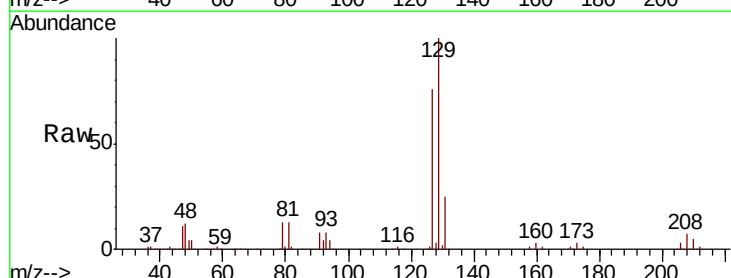
Manual Integrations  
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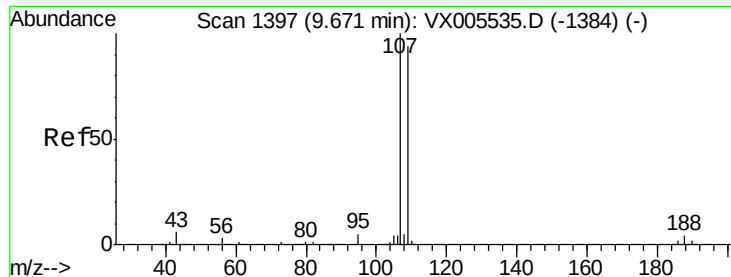
MMDadoda  
10/30/2018 10:51:12 AM



#60  
Dibromochloromethane  
Concen: 49.993 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Tgt Ion: 129 Resp: 135571  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 49.546 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 133226

Ion Ratio Lower Upper

107 100

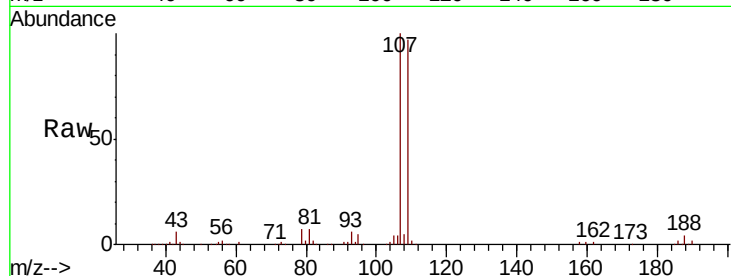
109 94.9 75.7 113.5

Manual Integrations

APPROVED

MMDadoda

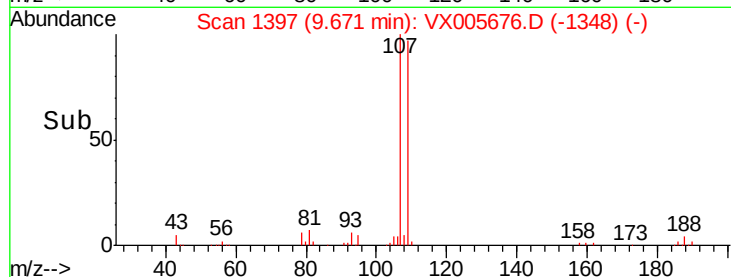
10/30/2018 10:51:12 AM



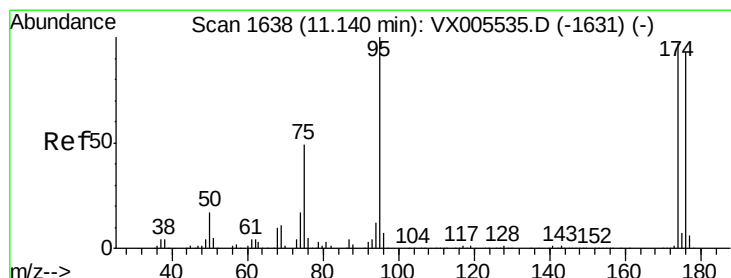
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



Time-->



#62

4-Bromofluorobenzene

Concen: 49.602 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

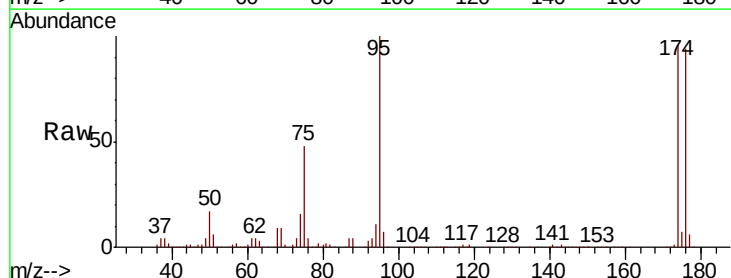
Tgt Ion: 95 Resp: 166184

Ion Ratio Lower Upper

95 100

174 92.6 0.0 184.4

176 90.3 0.0 177.4

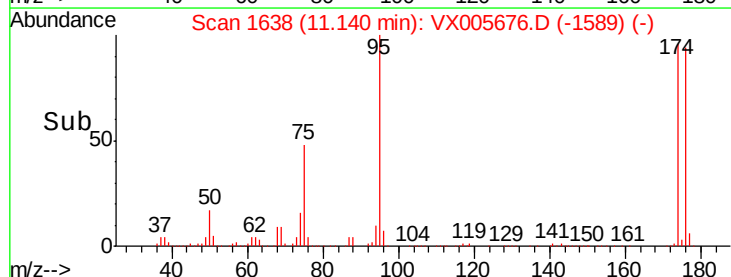


Abundance Ion 94.90 (94.60 to 95.60): VX0

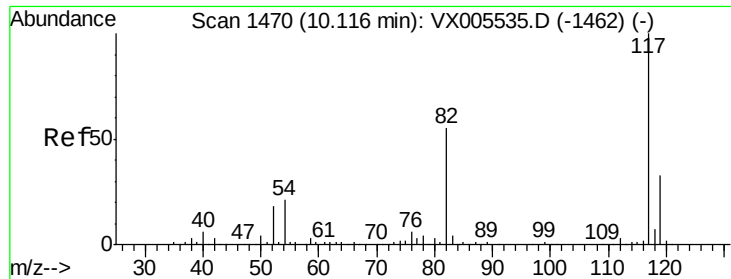
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14



Time-->



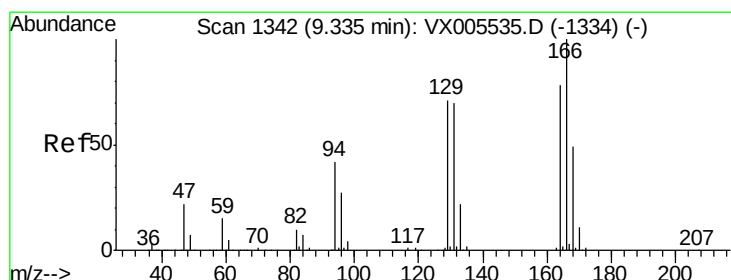
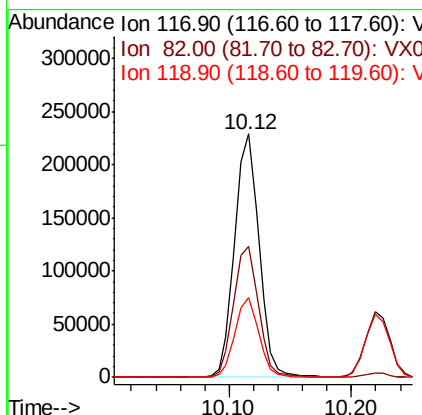
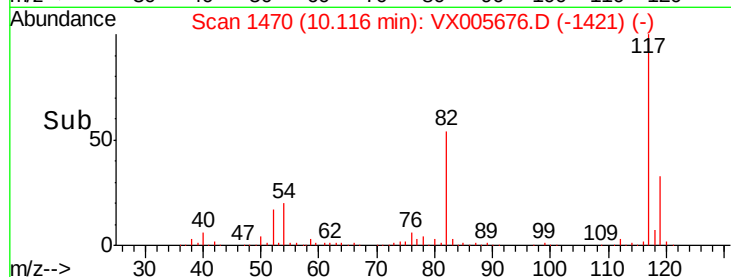
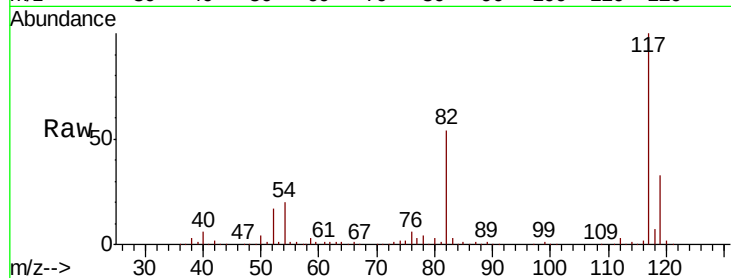
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.8  | 44.1  | 66.1  |
| 119     | 32.6  | 26.2  | 39.2  |

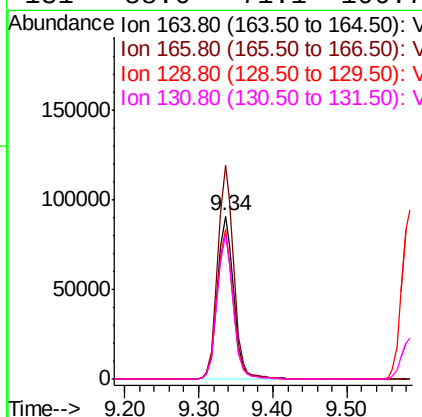
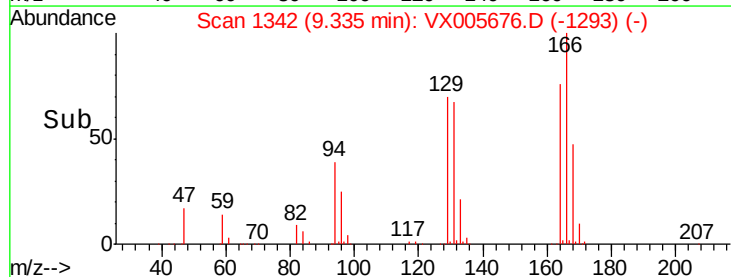
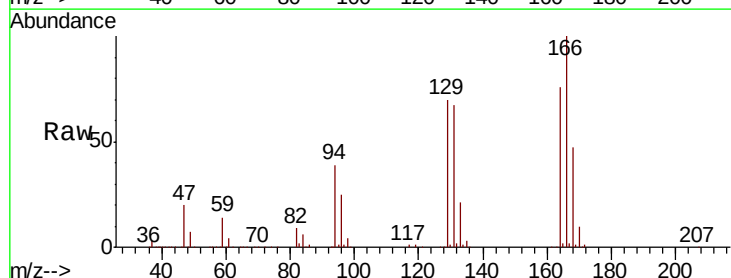
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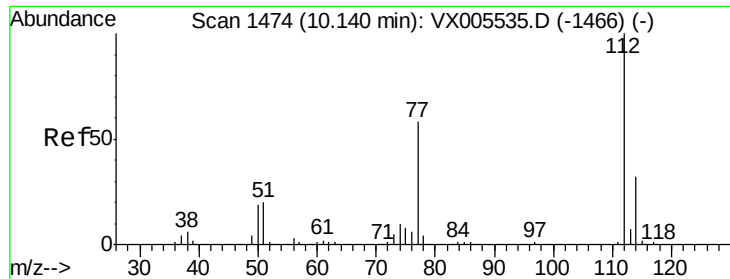
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 51.587 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.3 | 101.9 | 152.9 |
| 129     | 92.0  | 72.6  | 109.0 |
| 131     | 88.6  | 71.1  | 106.7 |





#65

Chlorobenzene

Concen: 51.158 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 345738

Ion Ratio Lower Upper

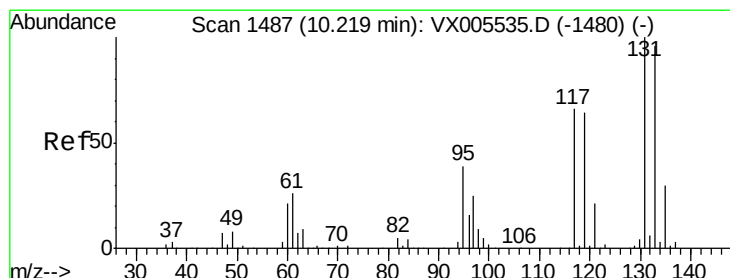
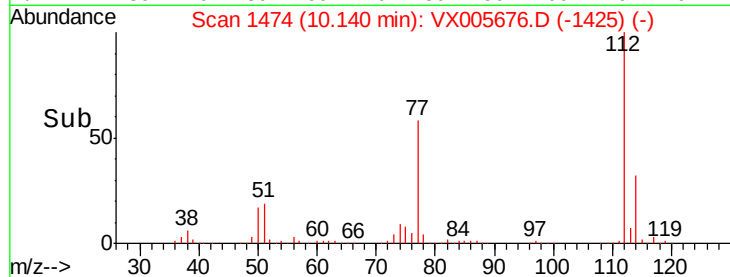
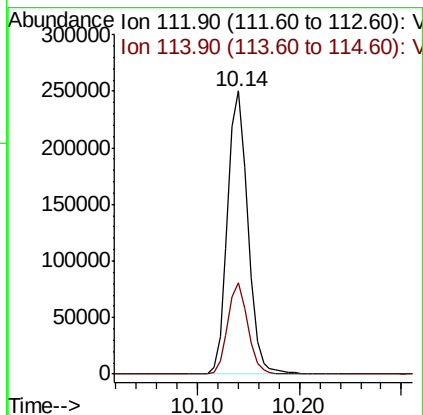
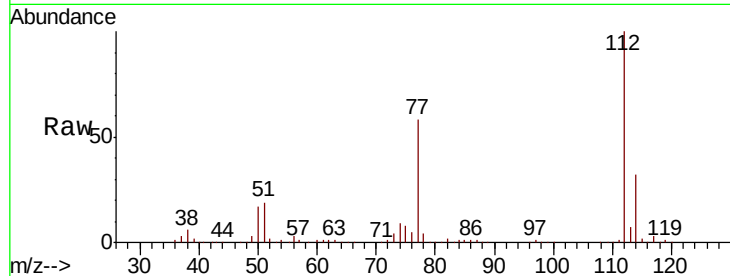
112 100

114 32.2 25.8 38.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.412 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

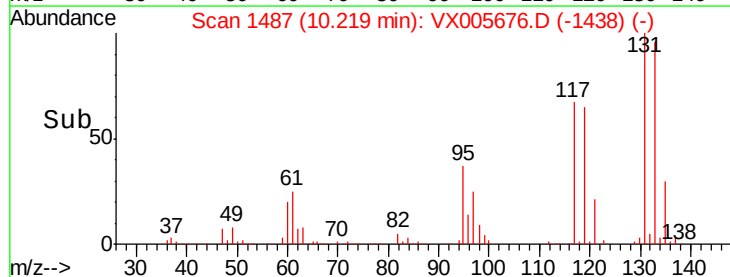
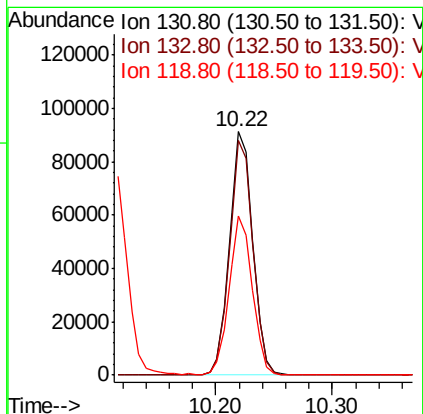
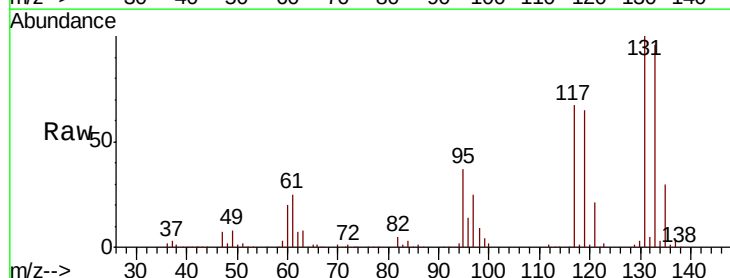
Tgt Ion:131 Resp: 126694

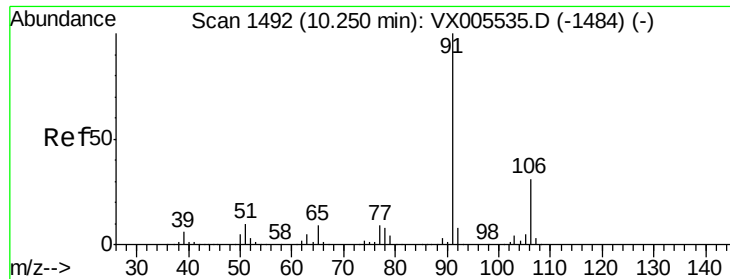
Ion Ratio Lower Upper

131 100

133 96.5 47.5 142.5

119 65.1 31.8 95.3





#67

Ethyl Benzene

Concen: 53.608 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 596077

Ion Ratio Lower Upper

91 100

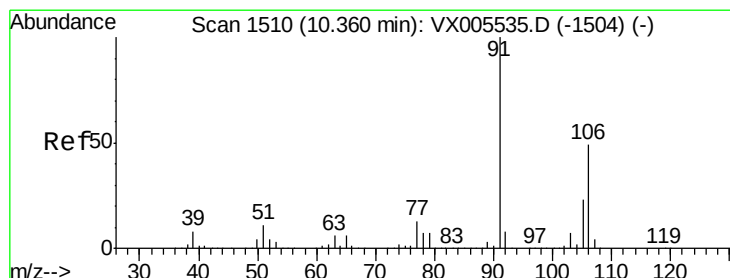
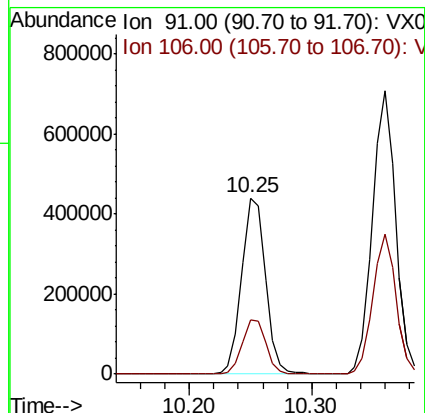
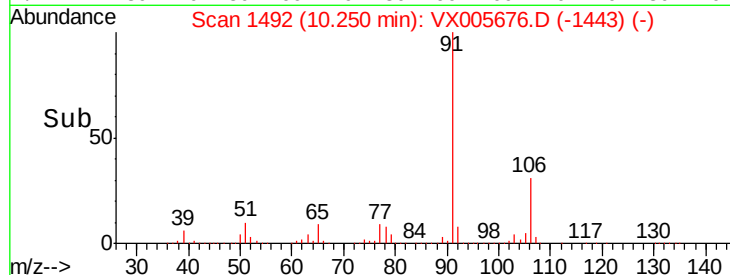
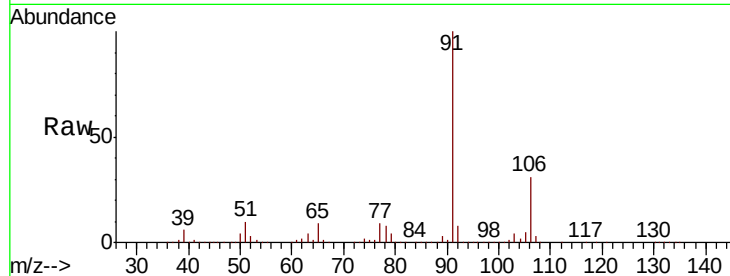
106 31.0 24.4 36.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 107.125 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005676.D

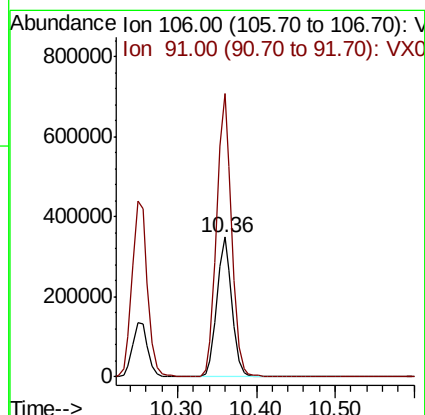
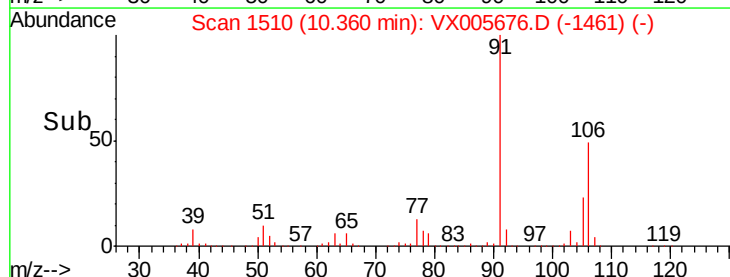
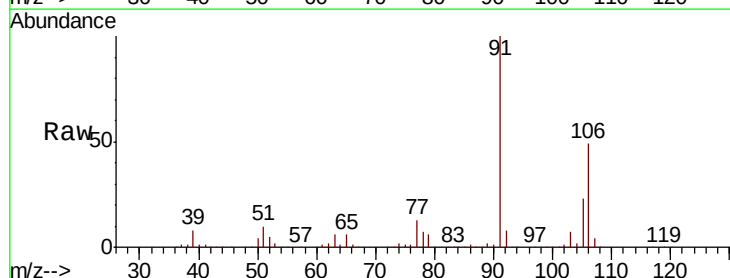
Acq: 29 Oct 2018 22:43

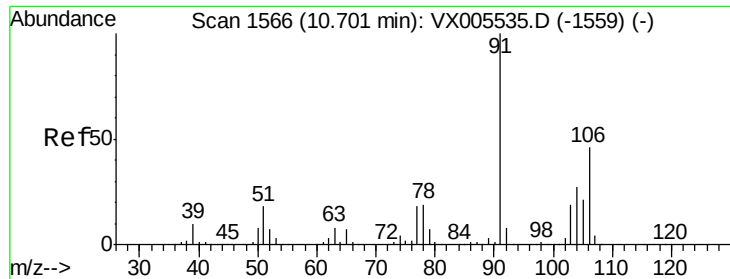
Tgt Ion: 106 Resp: 462135

Ion Ratio Lower Upper

106 100

91 203.2 164.2 246.4





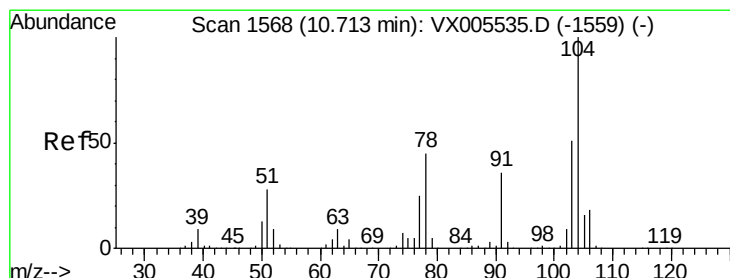
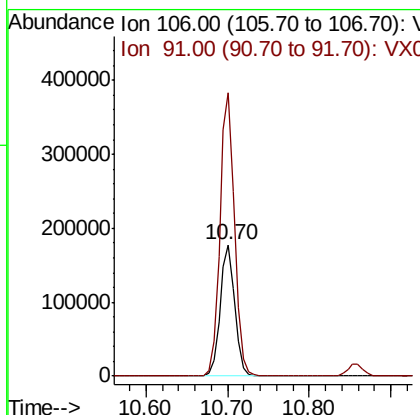
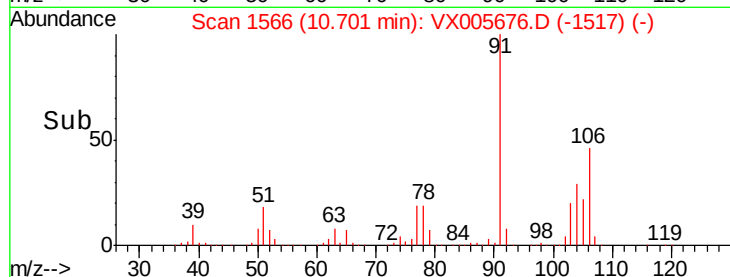
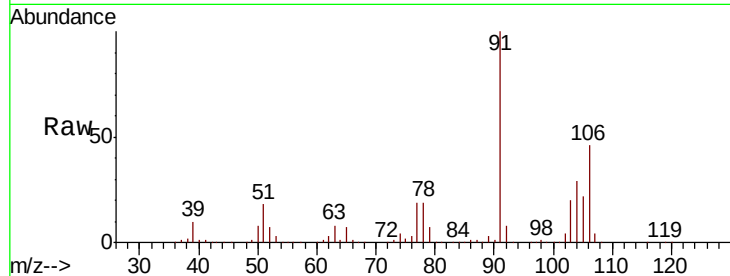
#69  
o-Xylene  
Concen: 54.741 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:106 Resp: 222173  
Ion Ratio Lower Upper  
106 100  
91 216.1 108.5 325.5

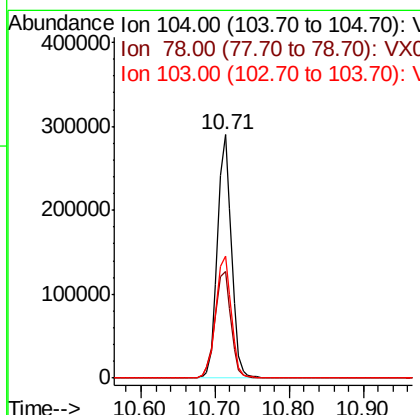
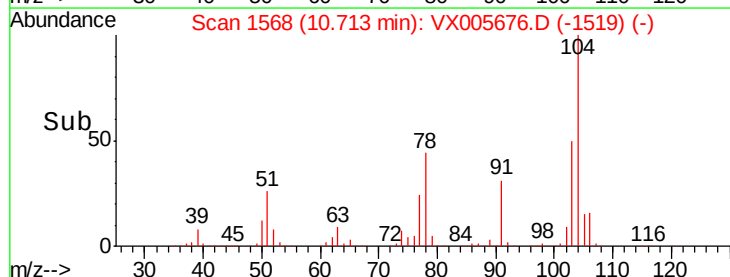
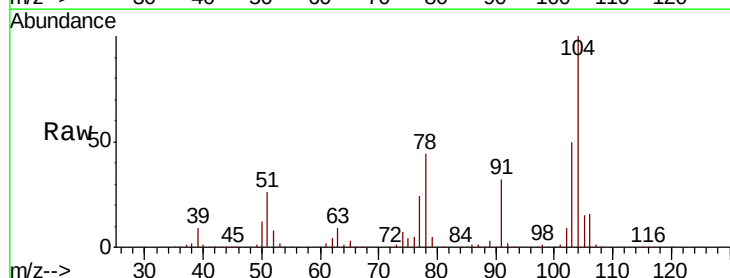
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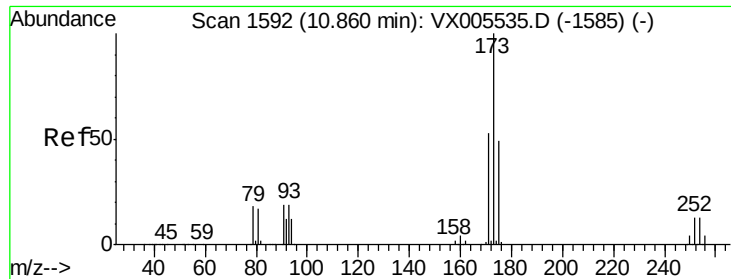


#70  
Styrene  
Concen: 55.192 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Tgt Ion:104 Resp: 374994  
Ion Ratio Lower Upper  
104 100  
78 50.0 40.2 60.4  
103 55.6 44.9 67.3







#71

Bromoform

Concen: 51.379 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

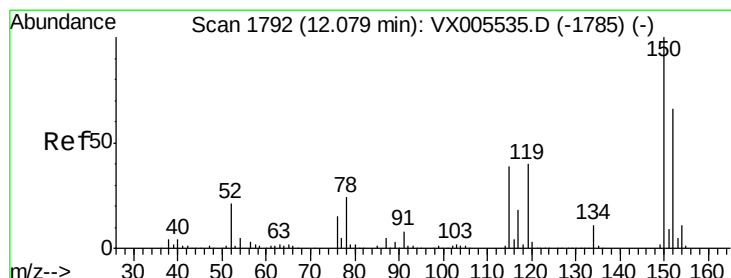
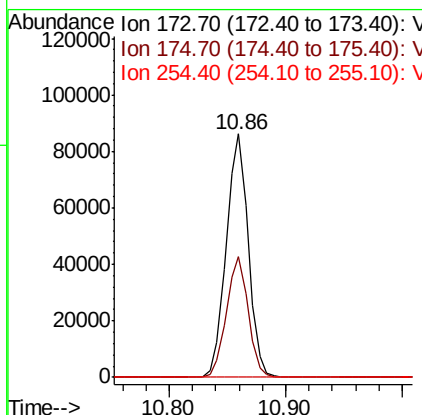
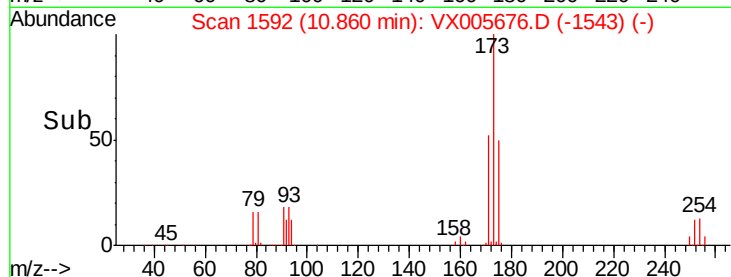
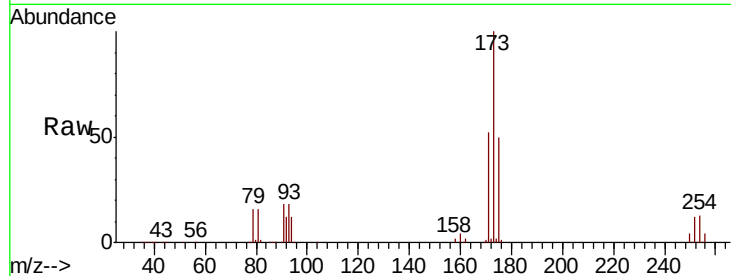
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 112981 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 49.0  | 24.8  | 74.3   |
| 254       | 0.1   | 0.2   | 0.2#   |

Manual Integrations  
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MMDadoda  
10/30/2018 10:51:12 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

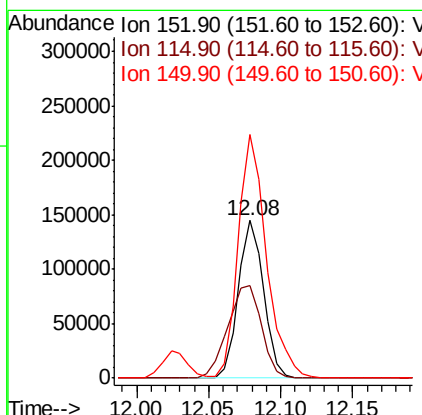
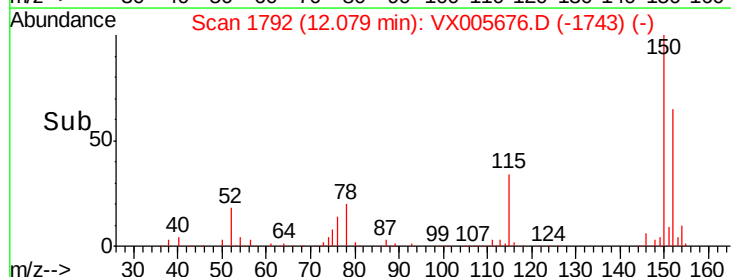
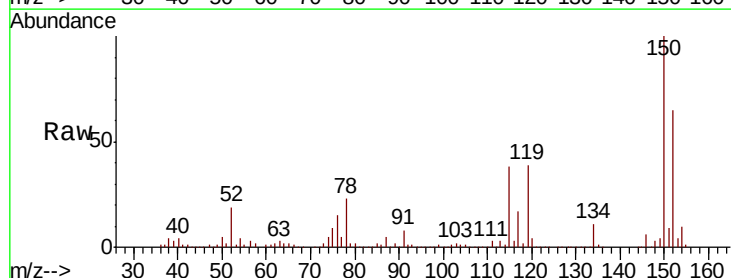
RT: 12.08 min Scan# 1792

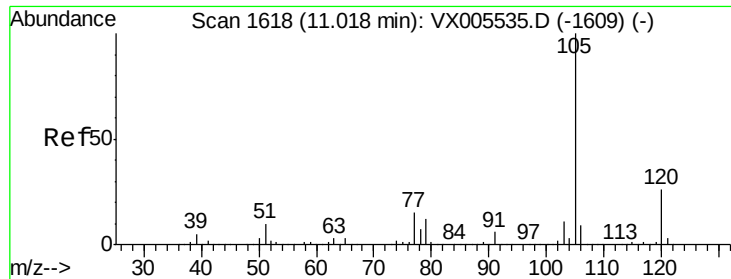
Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 176355 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 79.0  | 39.4  | 118.1  |
| 150       | 172.7 | 0.0   | 346.4  |





#73

Isopropylbenzene

Concen: 56.421 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 608232

Ion Ratio Lower Upper

105 100

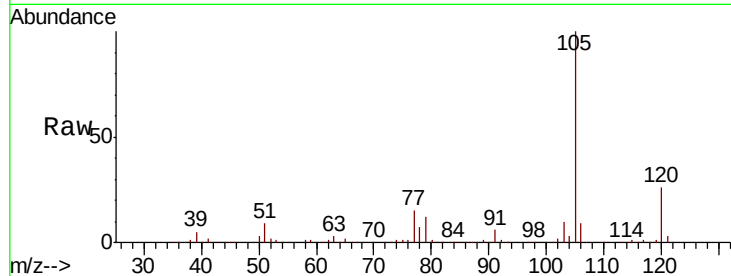
120 26.5 13.1 39.3

Manual Integrations

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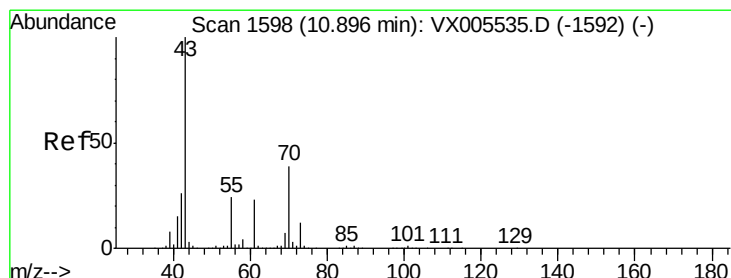
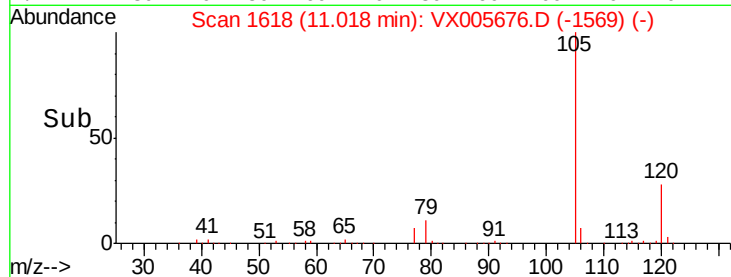
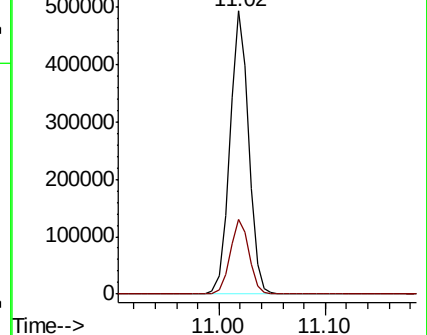
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.850 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Tgt Ion: 43 Resp: 298331

Ion Ratio Lower Upper

43 100

70 40.0 31.6 47.4

55 24.1 19.7 29.5

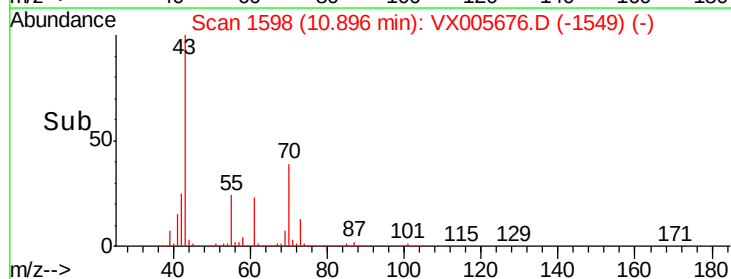
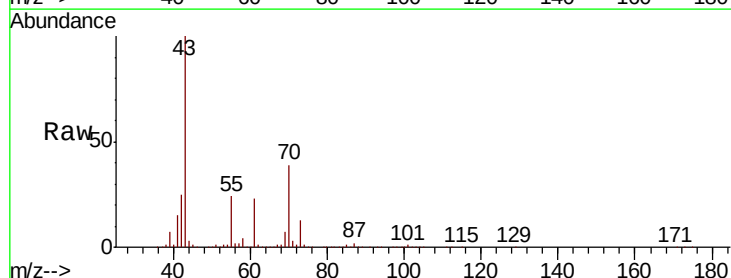
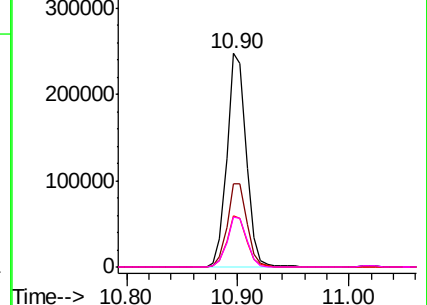
61 23.6 18.3 27.5

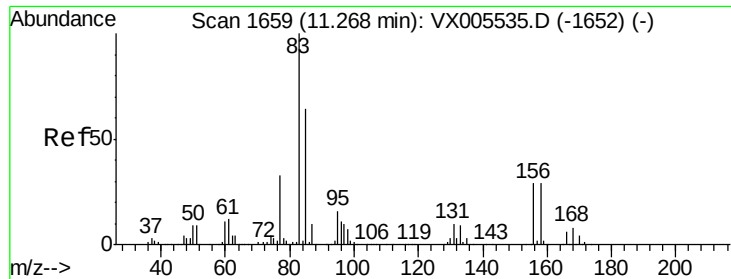
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.177 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

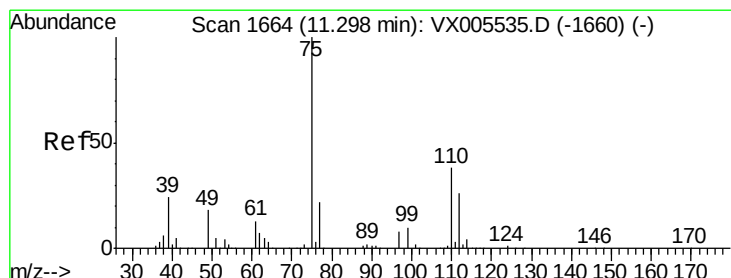
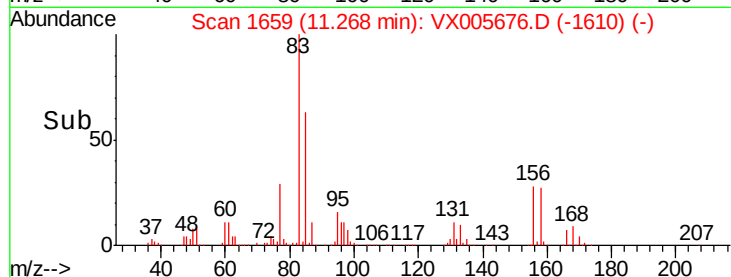
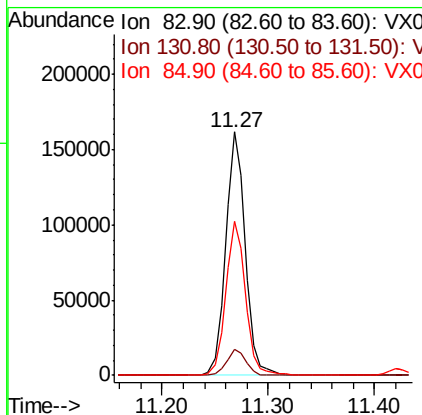
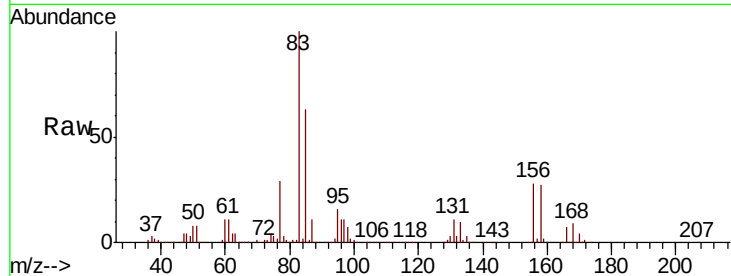
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 207517 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.6  | 5.3   | 15.9   |
| 85        | 63.9  | 32.0  | 96.2   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 52.768 ug/l m

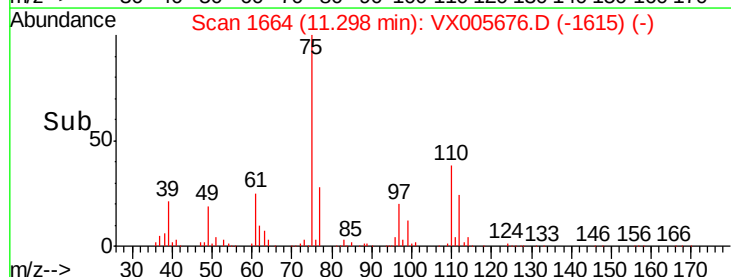
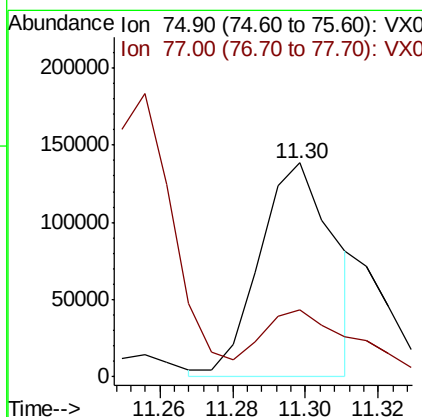
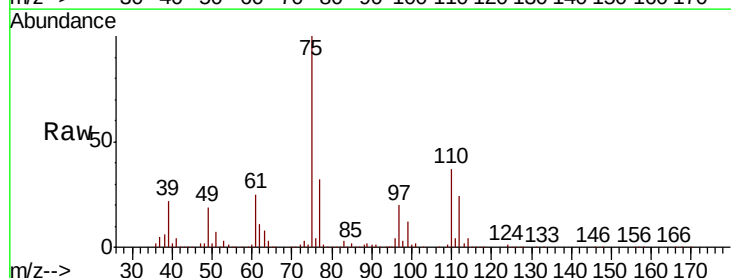
RT: 11.30 min Scan# 1664

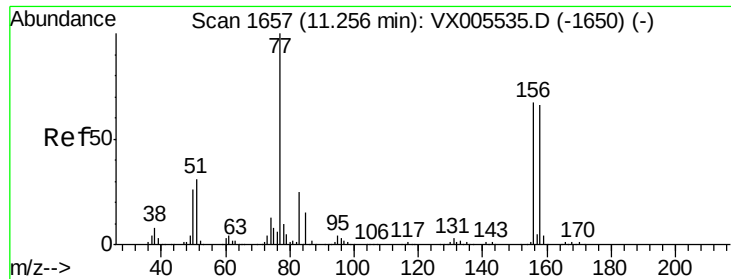
Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 197169 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 39.4  | 20.5  | 61.6   |





#77

Bromobenzene

Concen: 53.775 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

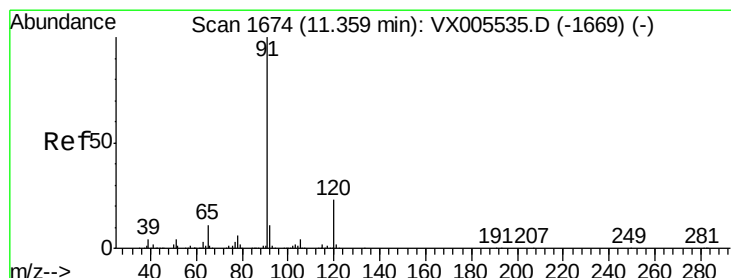
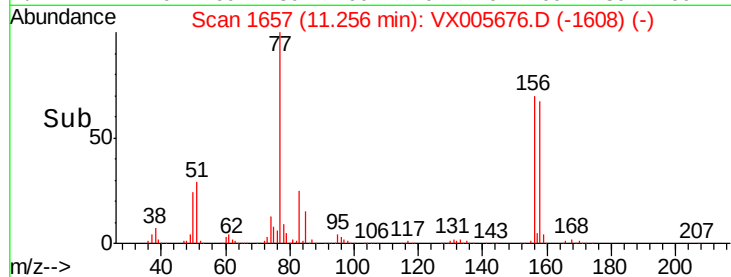
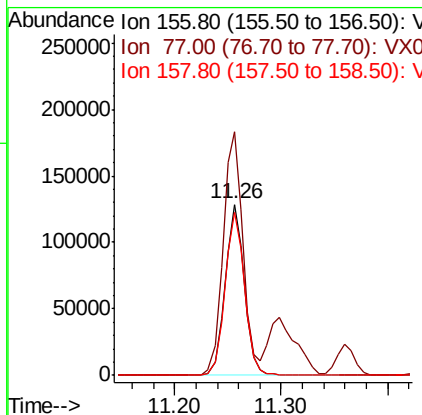
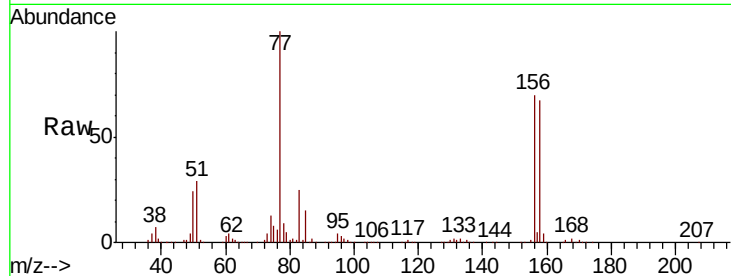
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 147.0 | 74.8  | 224.4 |
| 158     | 97.1  | 49.1  | 147.3 |

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#78

n-propylbenzene

Concen: 56.466 ug/l

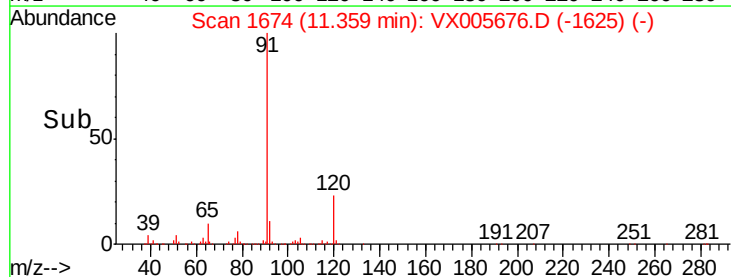
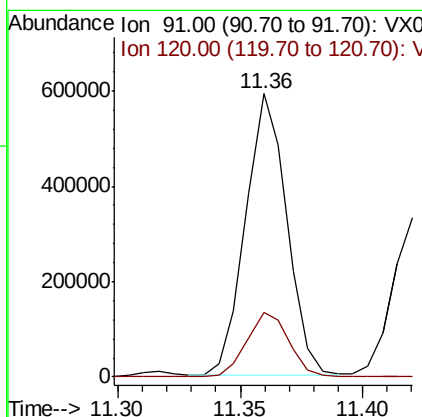
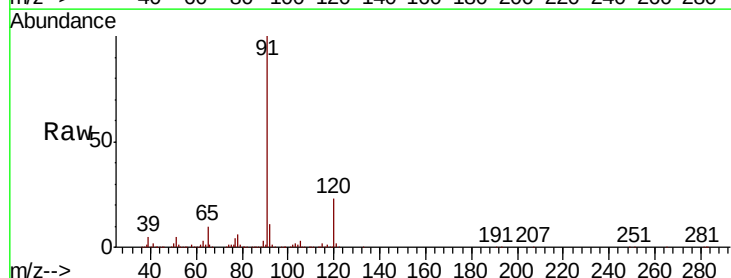
RT: 11.36 min Scan# 1674

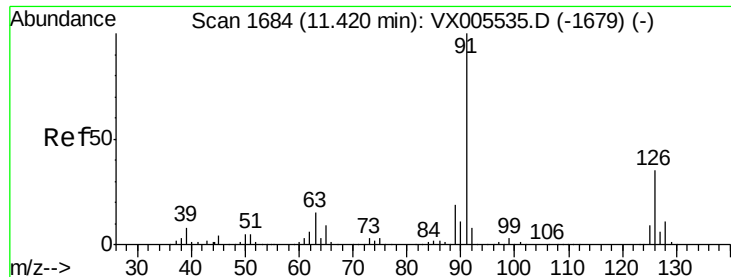
Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.7  | 11.9  | 35.5  |





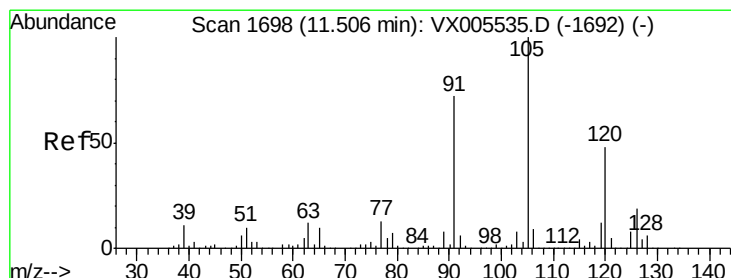
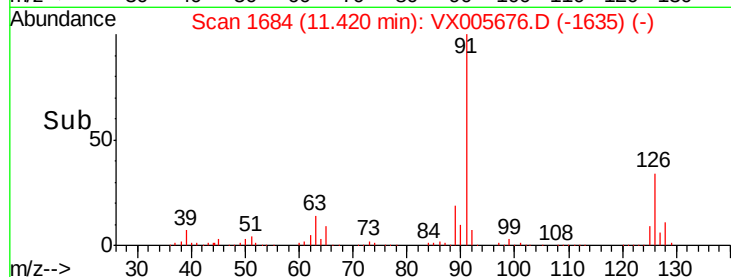
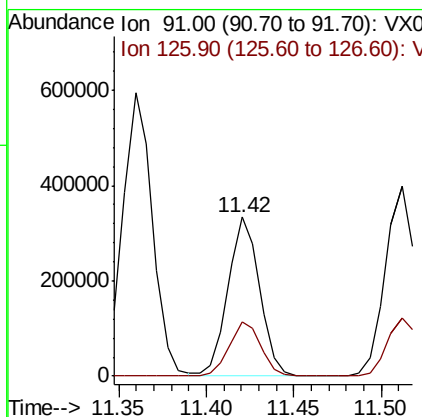
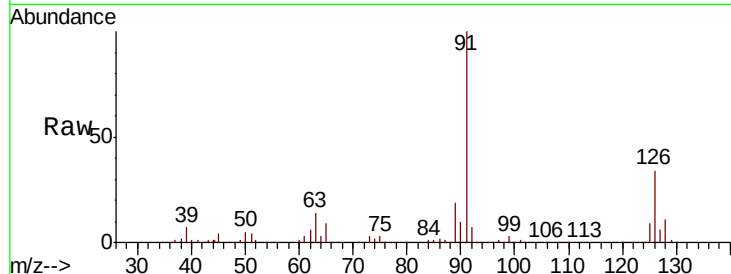
#79  
2-Chlorotoluene  
Concen: 54.431 ug/l  
RT: 11.42 min Scan# 1684  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 416016  
Ion Ratio Lower Upper  
91 100  
126 34.7 17.3 52.0

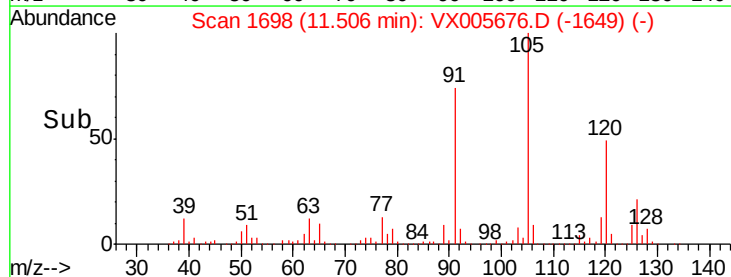
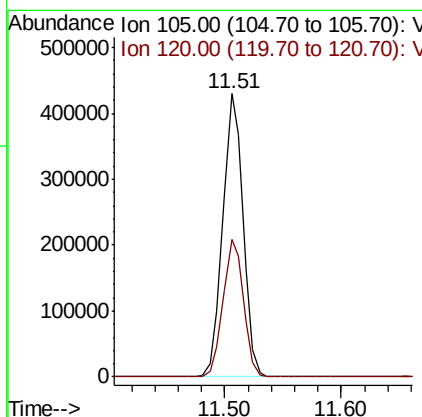
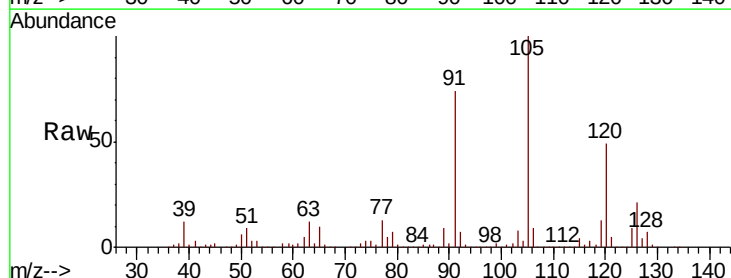
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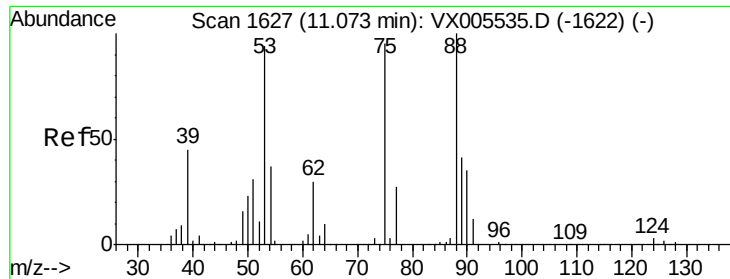
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#80  
1,3,5-Trimethylbenzene  
Concen: 55.880 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Tgt Ion: 105 Resp: 515322  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.1 72.2





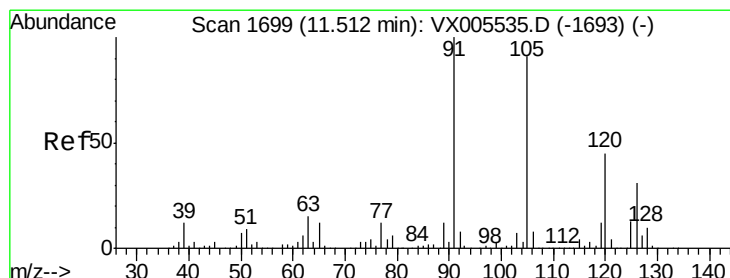
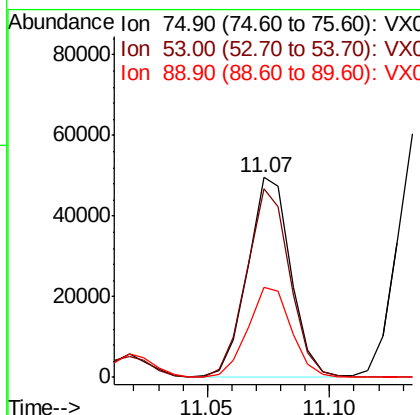
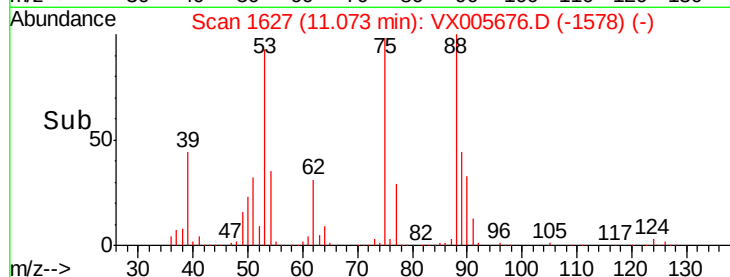
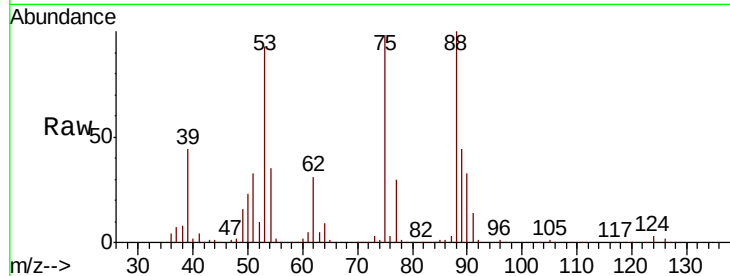
#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.923 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 95.0  | 80.2  | 120.2 |
| 89      | 45.9  | 39.8  | 59.8  |

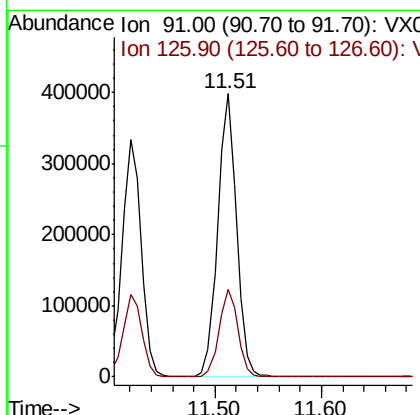
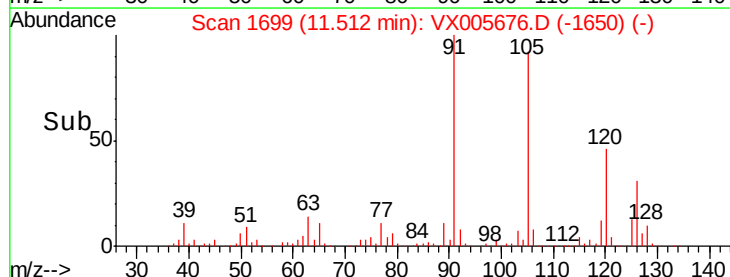
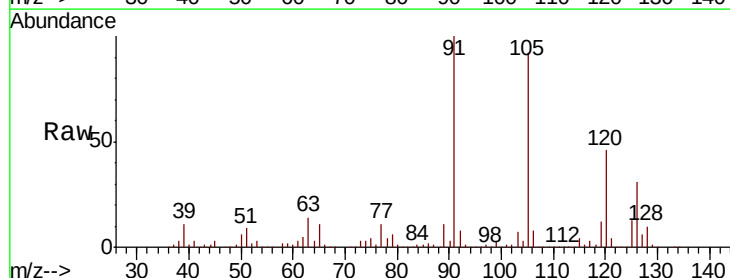
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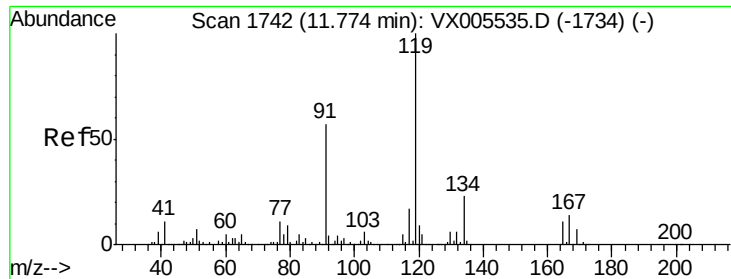
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 54.111 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. -0.00 min  
Lab File: VX005676.D  
Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.9  | 15.2  | 45.6  |





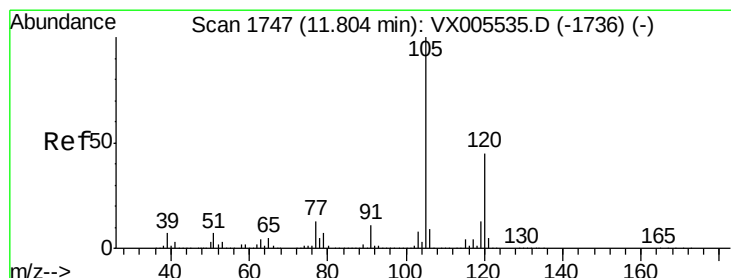
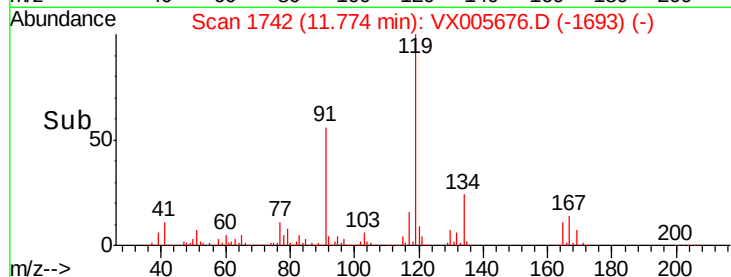
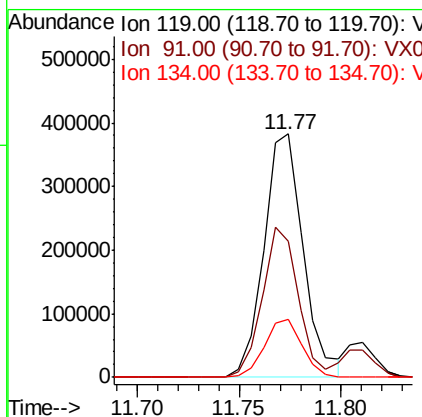
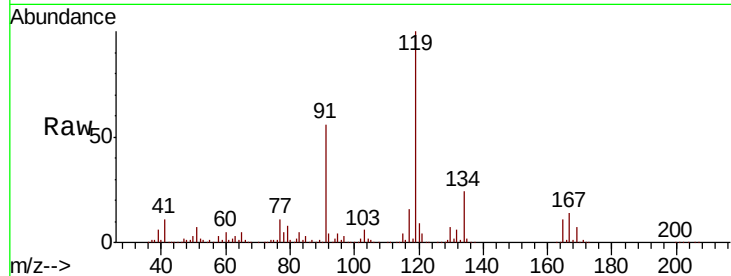
#83  
 tert-Butylbenzene  
 Concen: 55.961 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. -0.00 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 56.5  | 28.5  | 85.5  |
| 134     | 22.6  | 11.3  | 33.8  |

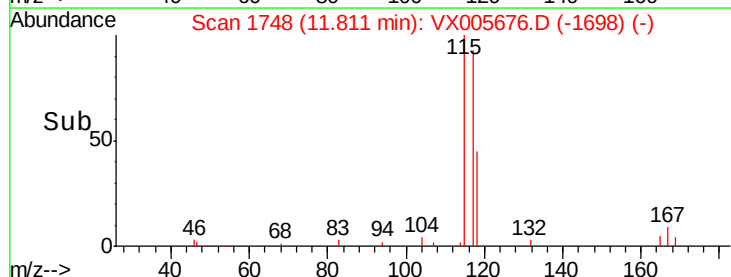
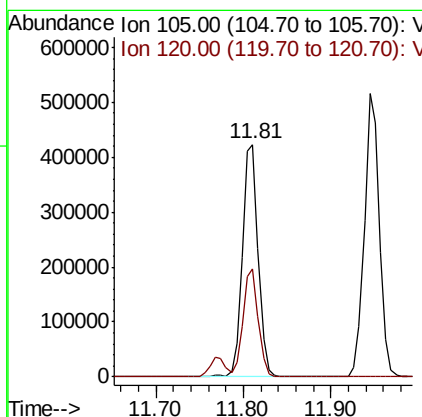
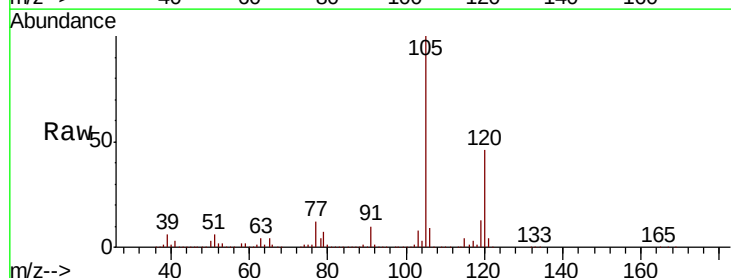
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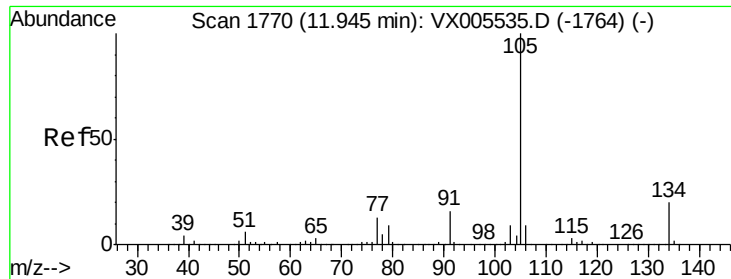
MMDadoda  
 10/30/2018 10:51:12 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 56.955 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.01 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.8  | 22.4  | 67.0  |





#85

sec-Butylbenzene

Concen: 56.240 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 616898

Ion Ratio Lower Upper

105 100

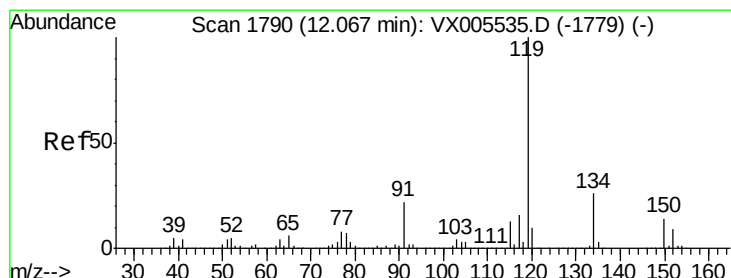
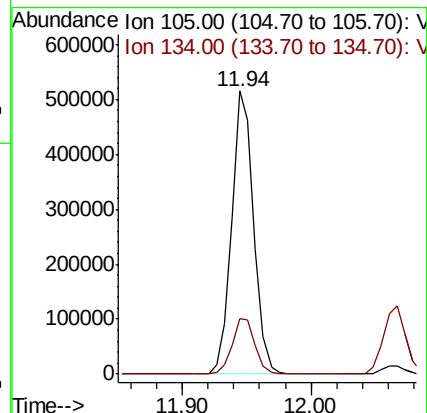
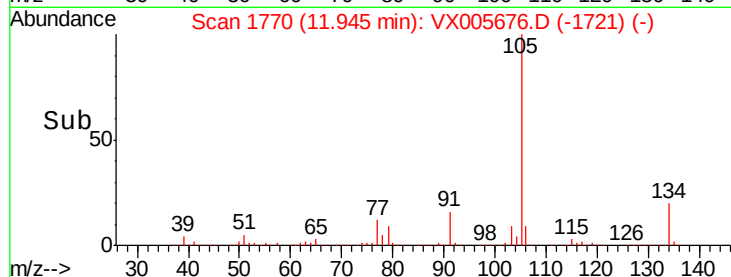
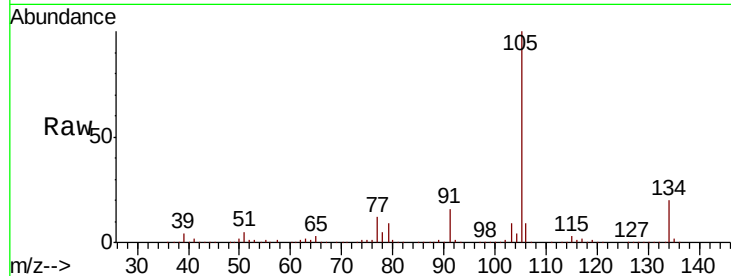
134 20.4 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 56.664 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

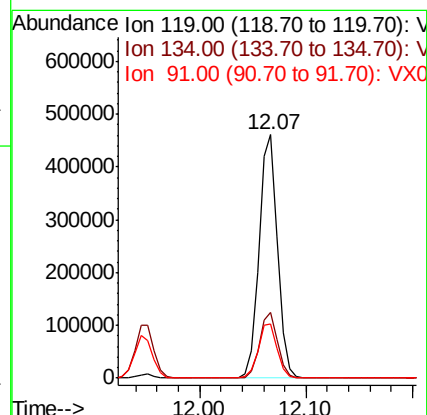
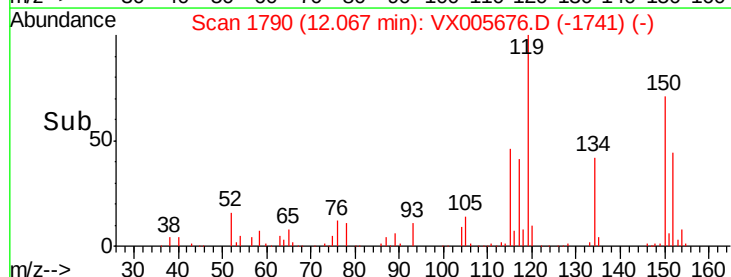
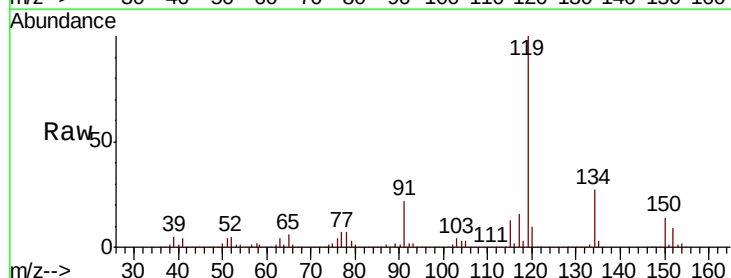
Tgt Ion:119 Resp: 555621

Ion Ratio Lower Upper

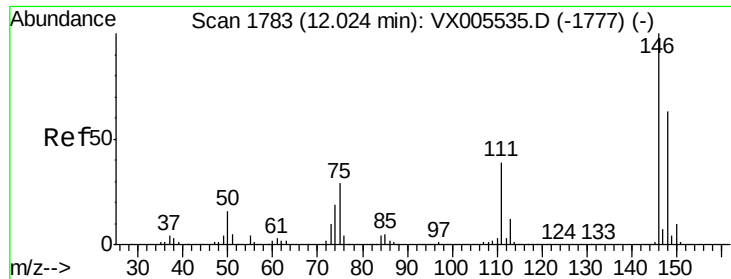
119 100

134 26.6 13.0 39.0

91 22.9 11.4 34.2







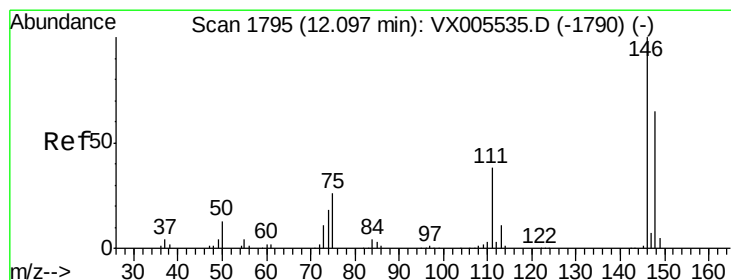
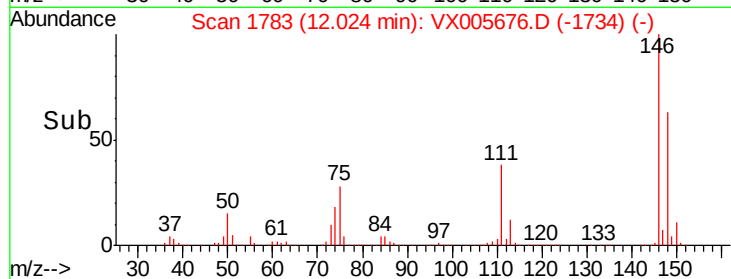
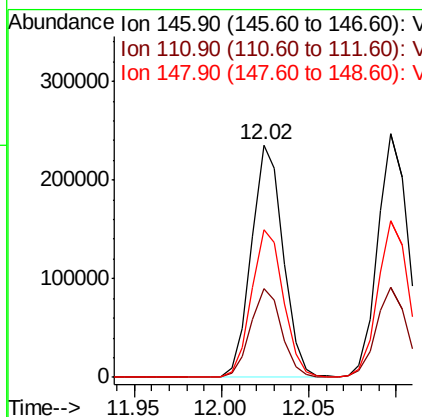
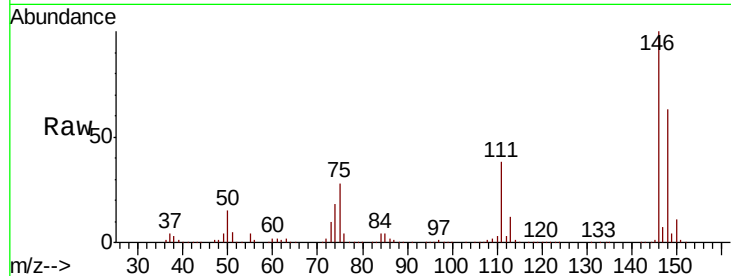
#87  
 1,3-Dichlorobenzene  
 Concen: 52.744 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.5  | 19.0  | 57.0  |
| 148     | 63.9  | 31.9  | 95.9  |

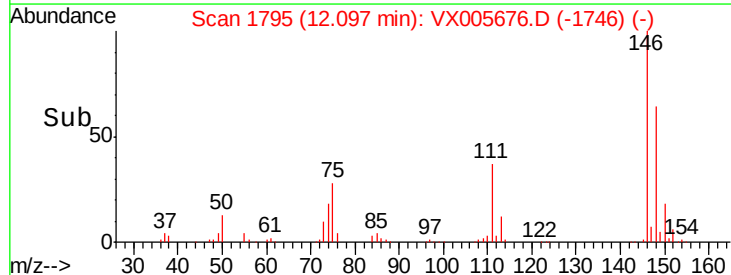
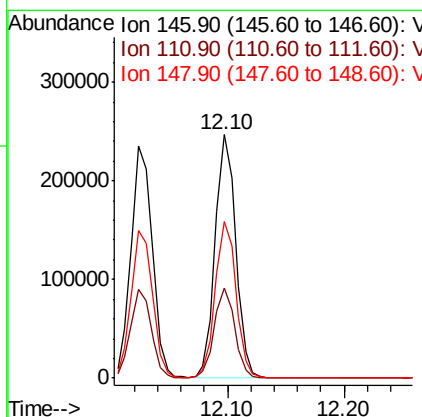
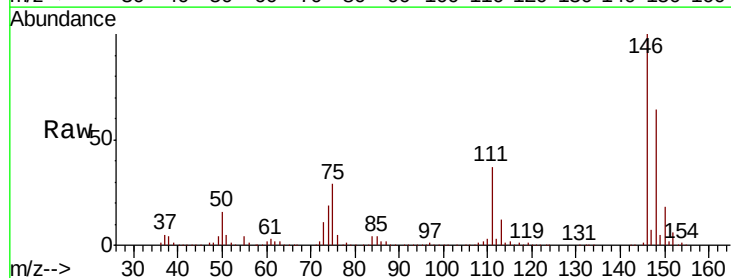
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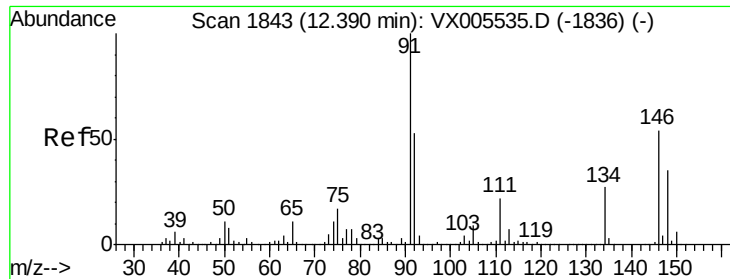
MMDadoda  
 10/30/2018 10:51:12 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 50.937 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.0  | 18.6  | 55.8  |
| 148     | 64.6  | 32.1  | 96.3  |





#89

n-Butylbenzene

Concen: 54.602 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

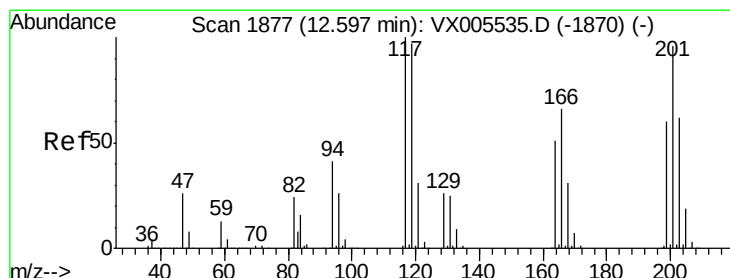
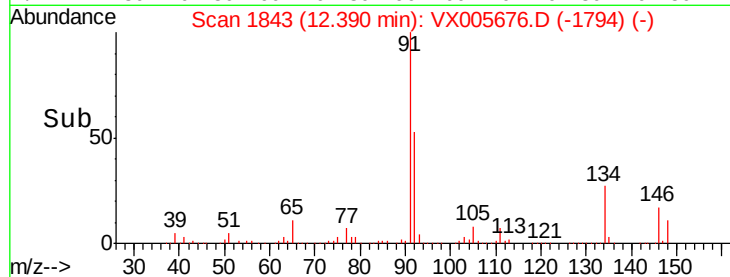
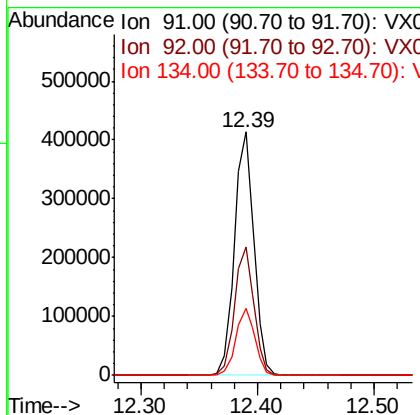
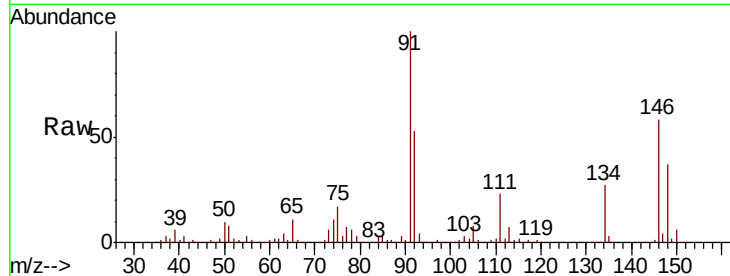
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 91    | Resp: | 483349 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 52.5  | 26.1  | 78.2   |
| 134      | 26.8  | 13.1  | 39.3   |

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#90

Hexachloroethane

Concen: 54.591 ug/l

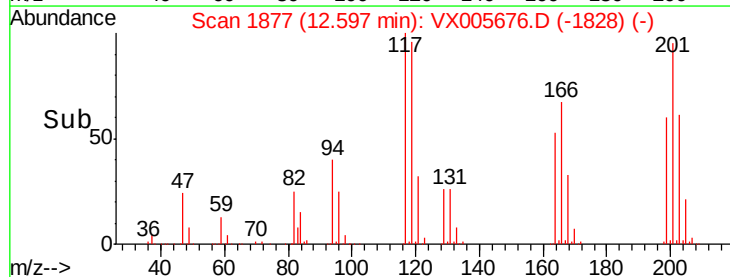
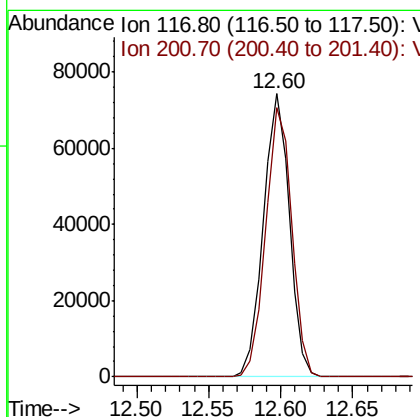
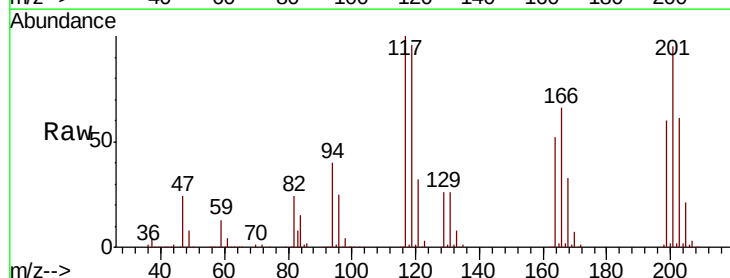
RT: 12.60 min Scan# 1877

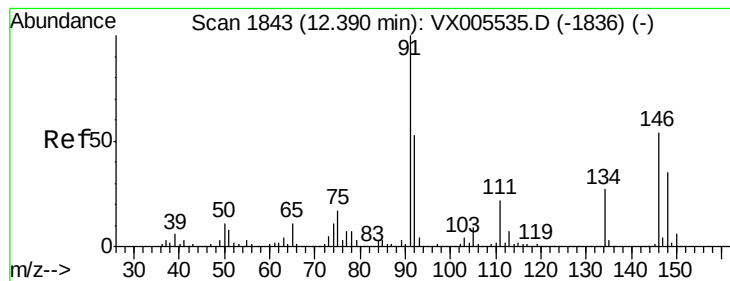
Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 92325 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 95.7  | 47.9  | 143.6 |





#91

1,2-Dichlorobenzene

Concen: 52.788 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:146 Resp: 301729

Ion Ratio Lower Upper

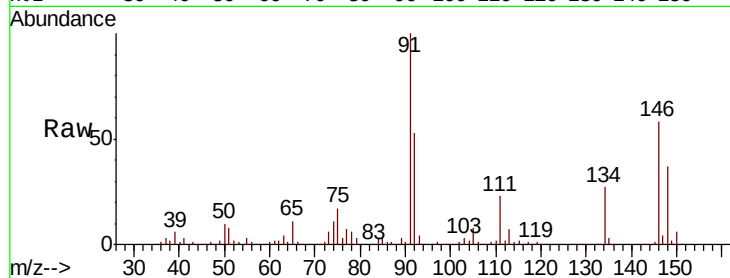
146 100

111 39.2 20.0 59.9

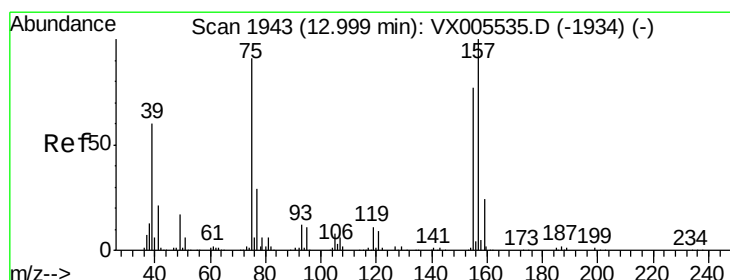
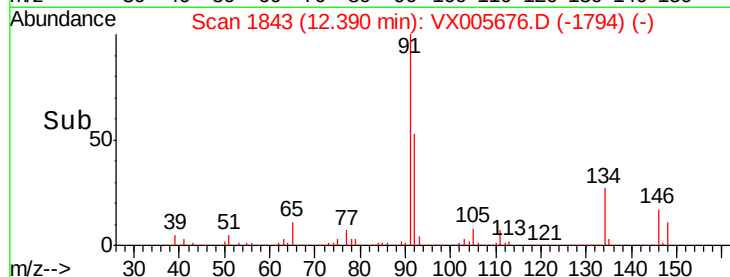
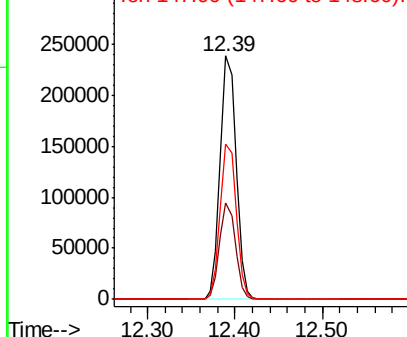
148 64.5 32.2 96.6

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Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.381 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

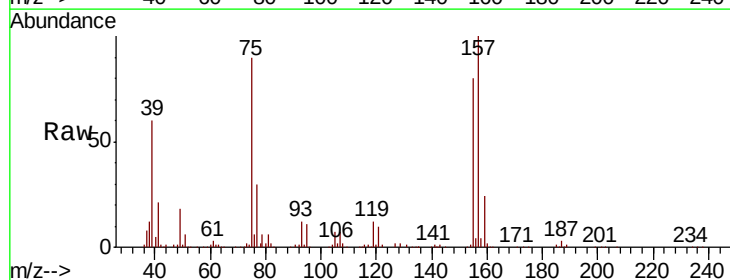
Tgt Ion: 75 Resp: 51333

Ion Ratio Lower Upper

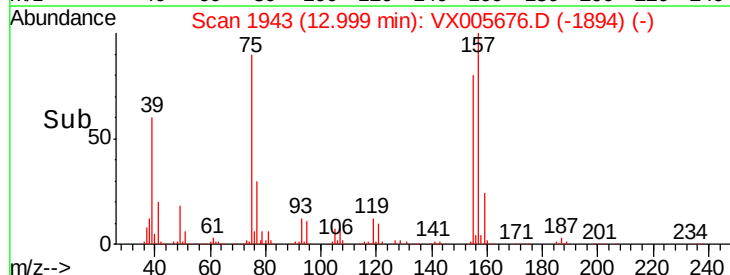
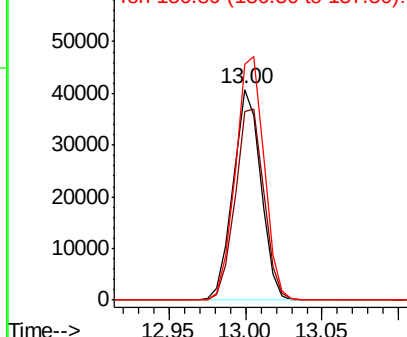
75 100

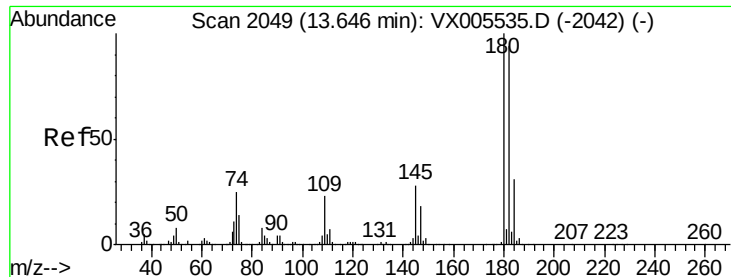
155 93.7 45.4 136.1

157 119.0 57.4 172.0



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 154.80 (154.50 to 155.50): V  
Ion 156.80 (156.50 to 157.50): V





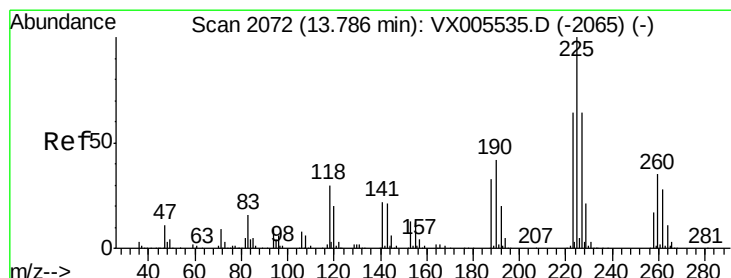
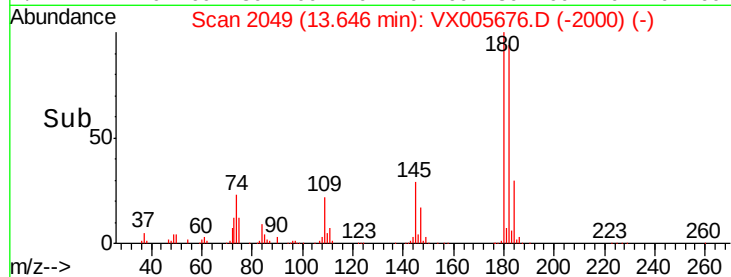
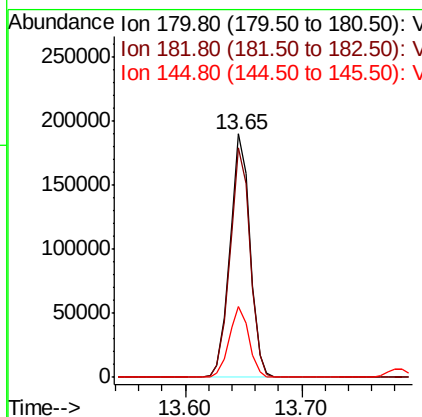
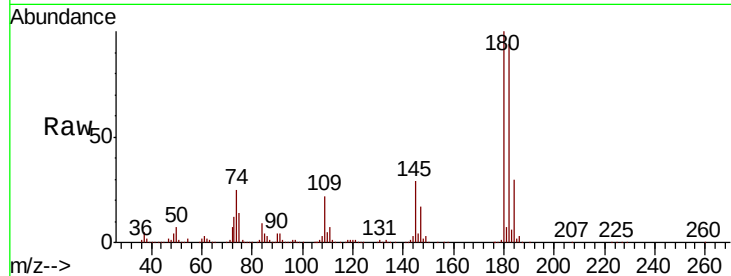
#93  
 1,2,4-Trichlorobenzene  
 Concen: 54.571 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 226111 |       |       |
| 182     | 95.0  | 47.6   | 142.8 |       |
| 145     | 28.5  | 14.1   | 42.2  |       |

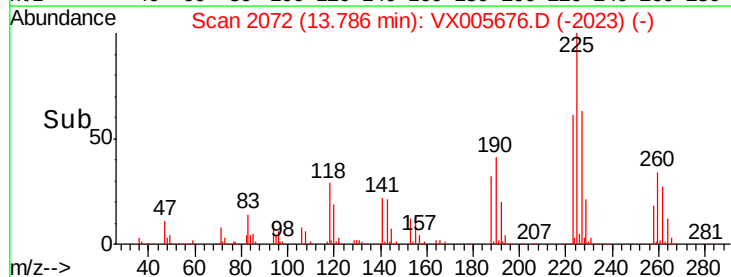
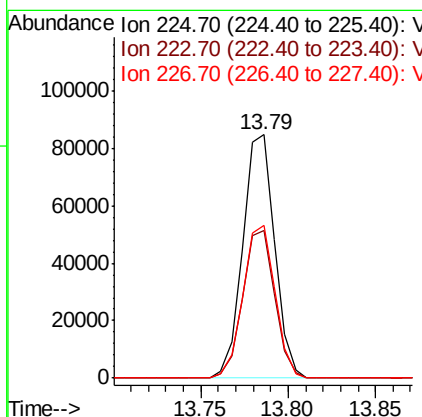
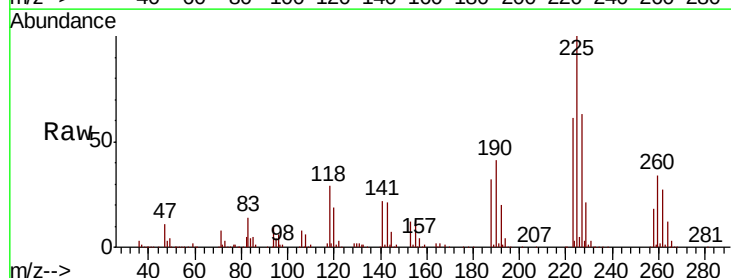
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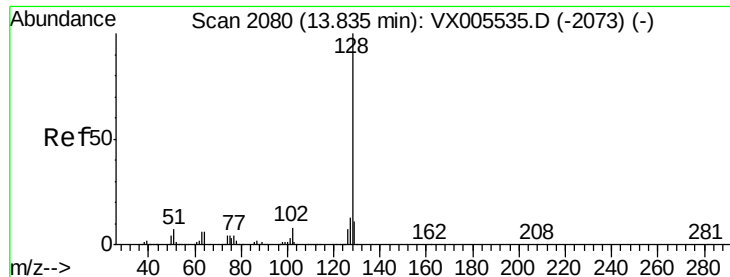
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#94  
 Hexachlorobutadiene  
 Concen: 49.976 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. 0.00 min  
 Lab File: VX005676.D  
 Acq: 29 Oct 2018 22:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 107310 |       |       |
| 223     | 61.1  | 31.7   | 95.1  |       |
| 227     | 62.9  | 32.3   | 96.9  |       |





#95

Naphthalene

Concen: 58.395 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

Instrument :

MSVOA\_X

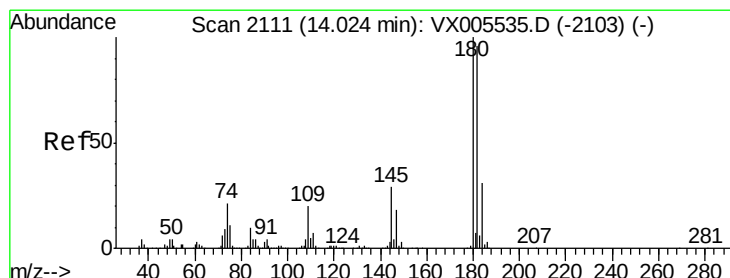
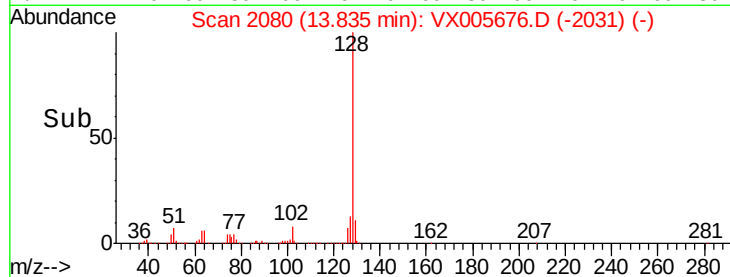
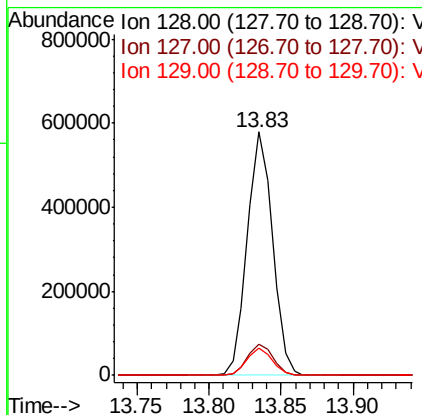
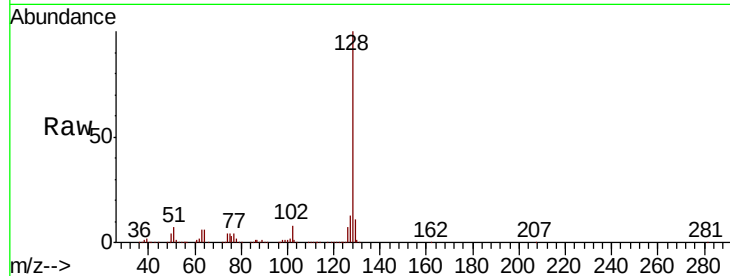
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 703310 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.4  | 15.6   |
| 129       | 11.0  | 8.7   | 13.1   |

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#96

1,2,3-Trichlorobenzene

Concen: 54.722 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005676.D

Acq: 29 Oct 2018 22:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 229844 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.6  | 48.0  | 144.2  |
| 145       | 30.0  | 15.1  | 45.3   |

