

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\  
 Data File : VX001278.D  
 Acq On : 01 May 2018 14:59  
 Operator : JC/MD  
 Sample : VX0501WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/2/2018 4:20:55 PM

Quant Time: May 02 04:58:09 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050118W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 02 01:48:25 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 206851   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 269026   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 253202   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 171705   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 131003   | 45.75 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 91.50% |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 110237   | 47.56 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.12% |      |
| 50) Toluene-d8              | 8.72   | 98  | 413237   | 49.91 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.82% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 156871   | 47.37 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 94.74% |      |

|                               |      |     |        |        |      |     |
|-------------------------------|------|-----|--------|--------|------|-----|
| Target Compounds              |      |     |        | Qvalue |      |     |
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 48951  | 21.39  | ug/l | 97  |
| 3) Chloromethane              | 1.32 | 50  | 46795  | 20.83  | ug/l | 99  |
| 4) Vinyl Chloride             | 1.40 | 62  | 47636  | 20.14  | ug/l | 100 |
| 5) Bromomethane               | 1.64 | 94  | 36448  | 19.70  | ug/l | 98  |
| 6) Chloroethane               | 1.73 | 64  | 28448  | 19.03  | ug/l | 99  |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 77926  | 19.52  | ug/l | 96  |
| 8) Diethyl Ether              | 2.19 | 74  | 26126  | 19.07  | ug/l | 96  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 44807  | 19.47  | ug/l | 99  |
| 10) Methyl Iodide             | 2.51 | 142 | 41966  | 19.61  | ug/l | 99  |
| 11) Tert butyl alcohol        | 3.06 | 59  | 48429  | 98.31  | ug/l | 99  |
| 12) 1,1-Dichloroethene        | 2.38 | 96  | 39556  | 19.06  | ug/l | 99  |
| 13) Acrolein                  | 2.29 | 56  | 26978  | 95.11  | ug/l | 100 |
| 14) Allyl chloride            | 2.73 | 41  | 69209  | 19.06  | ug/l | 98  |
| 15) Acrylonitrile             | 3.15 | 53  | 106347 | 93.14  | ug/l | 98  |
| 16) Acetone                   | 2.45 | 43  | 116273 | 95.13  | ug/l | 99  |
| 17) Carbon Disulfide          | 2.57 | 76  | 98950  | 18.30  | ug/l | 98  |
| 18) Methyl Acetate            | 2.78 | 43  | 55524  | 19.23  | ug/l | 98  |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 137308 | 19.43  | ug/l | 100 |
| 20) Methylene Chloride        | 2.86 | 84  | 44632  | 19.26  | ug/l | 98  |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 42199  | 18.69  | ug/l | 94  |
| 22) Diisopropyl ether         | 3.87 | 45  | 136066 | 19.46  | ug/l | 97  |
| 23) Vinyl Acetate             | 3.82 | 43  | 589530 | 99.50  | ug/l | 98  |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 76956  | 19.76  | ug/l | 99  |
| 25) 2-Butanone                | 4.71 | 43  | 158706 | 96.03  | ug/l | 99  |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 60239  | 19.01  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 46966  | 18.92  | ug/l | 100 |
| 28) Bromochloromethane        | 5.02 | 49  | 35725  | 20.41  | ug/l | 100 |
| 29) Tetrahydrofuran           | 5.17 | 42  | 97027  | 95.46  | ug/l | 99  |
| 30) Chloroform                | 5.22 | 83  | 78068  | 18.96  | ug/l | 99  |
| 31) Cyclohexane               | 5.57 | 56  | 67202  | 19.11  | ug/l | 96  |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 68280  | 18.98  | ug/l | 99  |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 58427  | 18.82  | ug/l | 98  |
| 37) Ethyl Acetate             | 4.86 | 43  | 59694  | 19.04  | ug/l | 100 |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 59852  | 18.40  | ug/l | 92  |

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 Sample : VX0501WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0501WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/2/2018 4:20:55 PM

Quant Time: May 02 04:58:09 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050118W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 02 01:48:25 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 71894    | 19.58  | ug/l   | 98       |
| 40) Benzene                    | 6.15  | 78   | 169717   | 19.00  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 33651    | 18.43  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.21  | 62   | 65582    | 18.96  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.47  | 43   | 97083    | 19.13  | ug/l   | 99       |
| 44) Trichloroethene            | 7.22  | 130  | 51512    | 18.84  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 44996    | 19.62  | ug/l   | 96       |
| 46) Dibromomethane             | 7.67  | 93   | 30777    | 19.14  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 55111    | 19.17  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 50491    | 18.71  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 20829    | 409.05 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 316416   | 96.69  | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 112605   | 19.29  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 64374    | 18.83  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 59339    | 18.87  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 45121    | 19.13  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 63223    | 19.35  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 74895    | 19.74  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 160792   | 101.98 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 245428   | 95.96  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 46079    | 18.73  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 47697    | 19.08  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 60944    | 20.32  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 132133   | 19.19  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 46123    | 19.29  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.26 | 91   | 219977   | 19.39  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.37 | 106  | 172640   | 38.66  | ug/l   | 98       |
| 69) o-Xylene                   | 10.70 | 106  | 83532    | 19.29  | ug/l   | 100      |
| 70) Styrene                    | 10.71 | 104  | 136935   | 19.33  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 36426    | 18.46  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 229091   | 19.94  | ug/l   | 100      |
| 74) N-amyl acetate             | 6.47  | 43   | 97083    | 19.70  | ug/l # | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 66081    | 19.20  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 62807m   | 19.78  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 65083    | 19.64  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.37 | 91   | 258851   | 20.28  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 152896   | 19.85  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 192827   | 19.99  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 15127    | 18.46  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 180563   | 19.49  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 190298   | 19.78  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 200583   | 20.29  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 236662   | 20.56  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 214864   | 20.35  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 119843   | 19.37  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 119967   | 18.81  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 184605   | 20.03  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 29920    | 19.57  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 119073   | 19.34  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 13745    | 19.76  | ug/l   | 98       |

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Data File : VX001278.D  
Acq On : 01 May 2018 14:59  
Operator : JC/MD  
Sample : VX0501WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBS01

Manual Integrations  
APPROVED

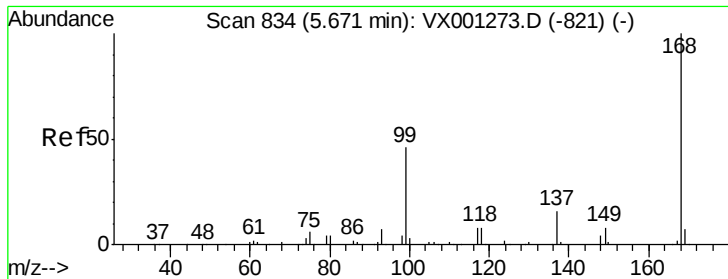
MMDadoda  
5/2/2018 4:20:55 PM

Quant Time: May 02 04:58:09 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050118W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 02 01:48:25 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 92633    | 18.70 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 49333    | 19.04 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 243674   | 19.39 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 92428    | 19.01 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBS01

Tot Ion:168 Resp: 206851

Ion Ratio Lower Upper

168 100

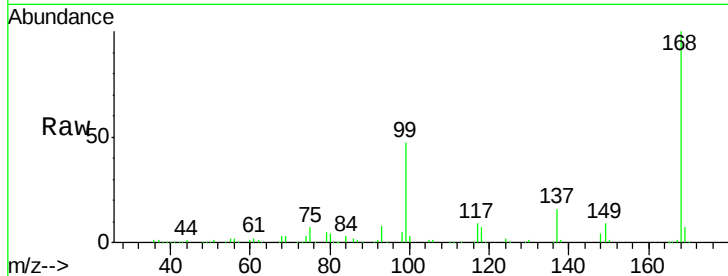
99 46.7 36.5 54.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

40000

20000

0

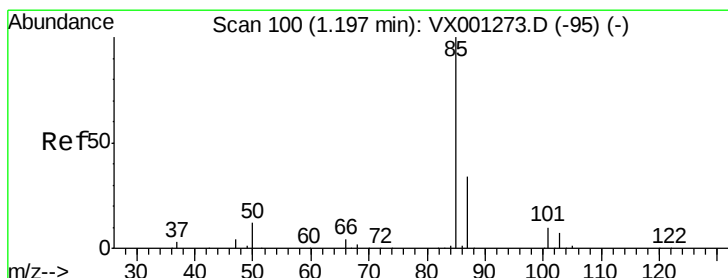
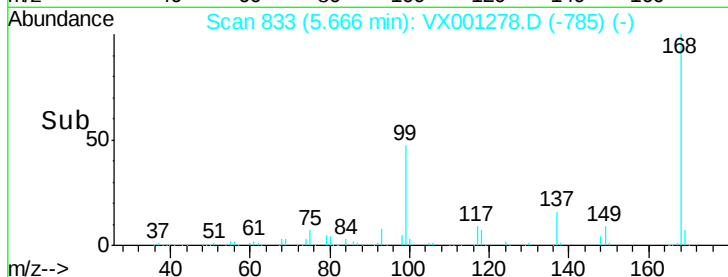
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.39 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001278.D

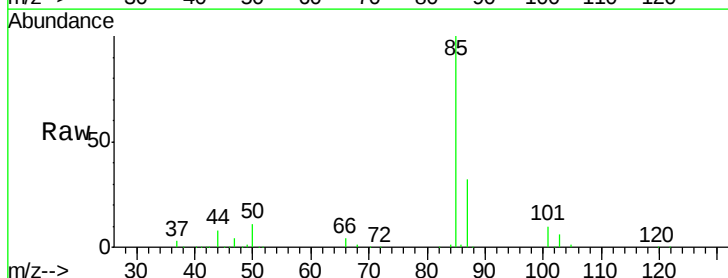
Acq: 01 May 2018 14:59

Tgt Ion: 85 Resp: 48951

Ion Ratio Lower Upper

85 100

87 31.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

20000

10000

0

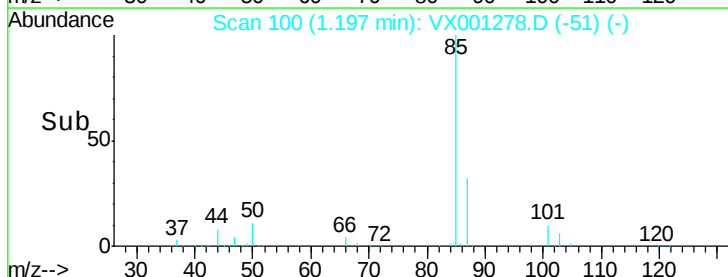
1.15

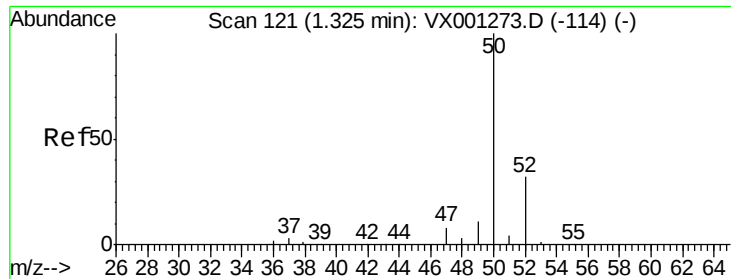
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 20.83 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBS01

Tot Ion: 50 Resp: 46795

Ion Ratio Lower Upper

50 100

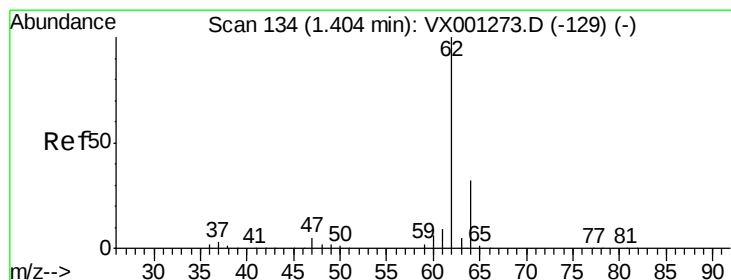
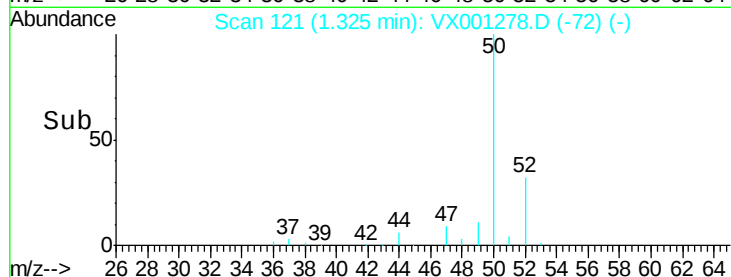
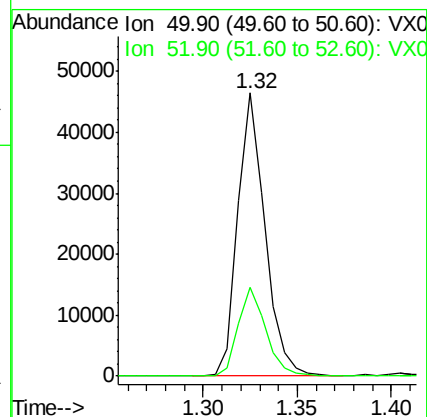
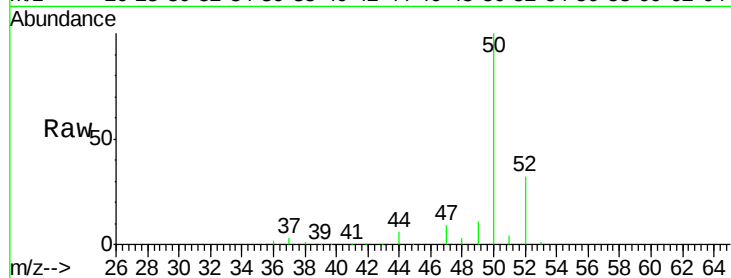
52 31.6 25.7 38.5

Manual Integrations

APPROVED

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5/2/2018 4:20:55 PM



#4

Vinyl Chloride

Concen: 20.14 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001278.D

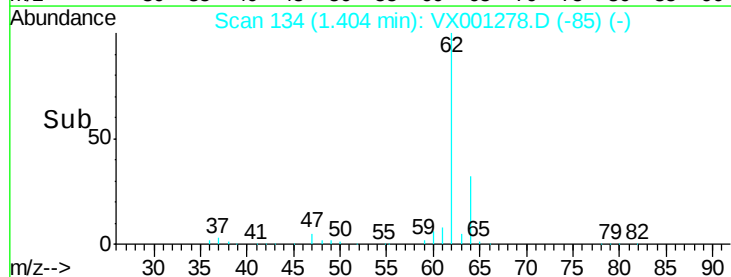
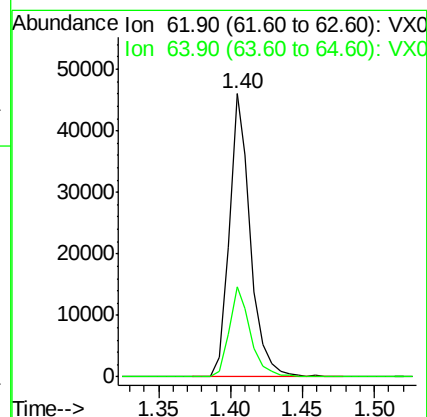
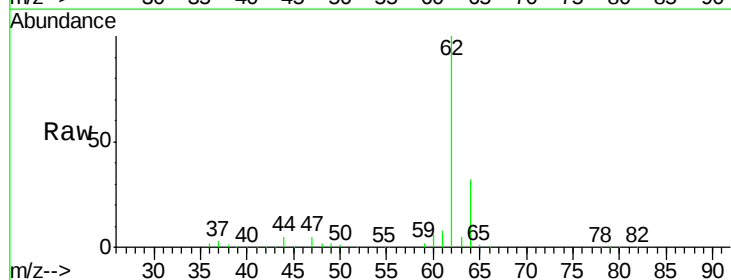
Acq: 01 May 2018 14:59

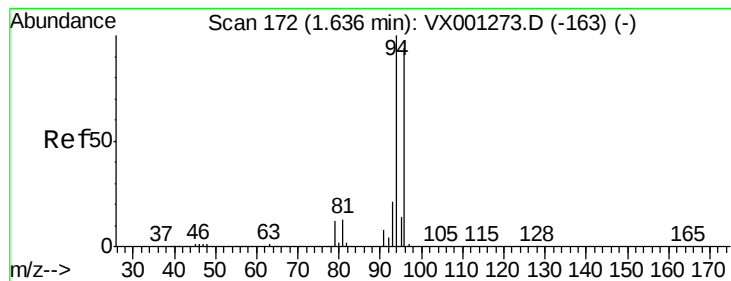
Tgt Ion: 62 Resp: 47636

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 19.70 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBS01

Tot Ion: 94 Resp: 36448

Ion Ratio Lower Upper

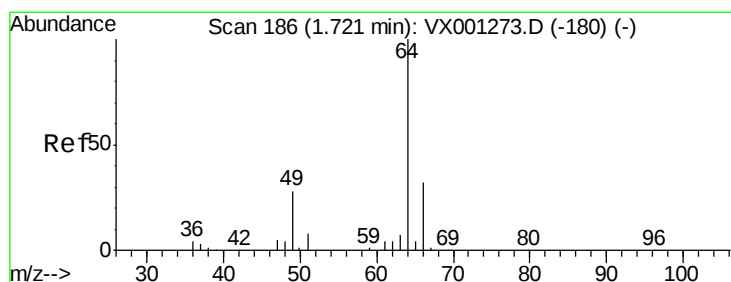
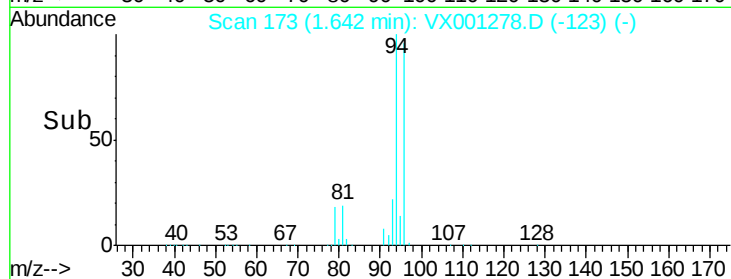
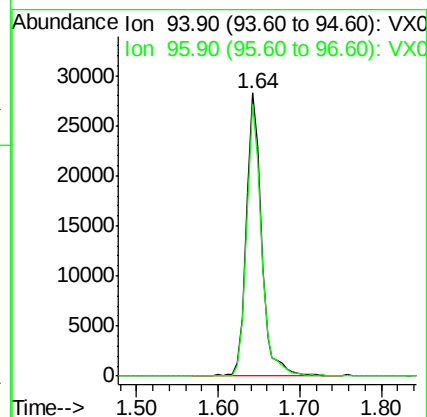
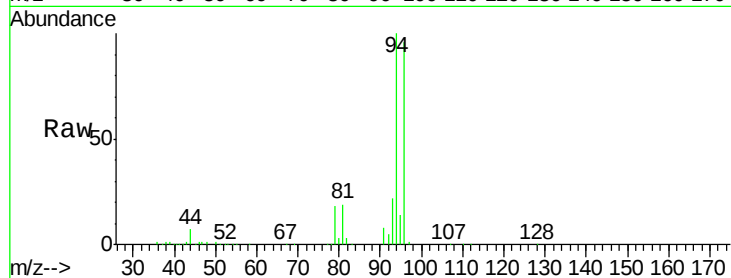
94 100

96 96.2 75.6 113.4

Manual Integrations  
APPROVED

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#6

Chloroethane

Concen: 19.03 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001278.D

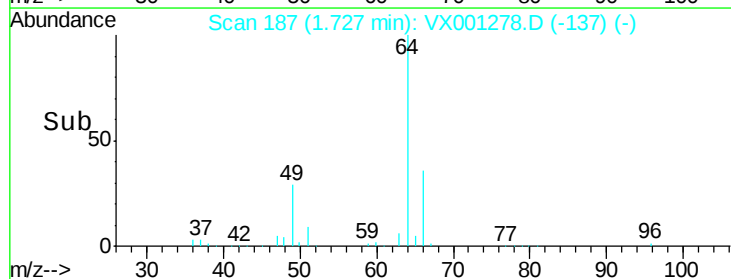
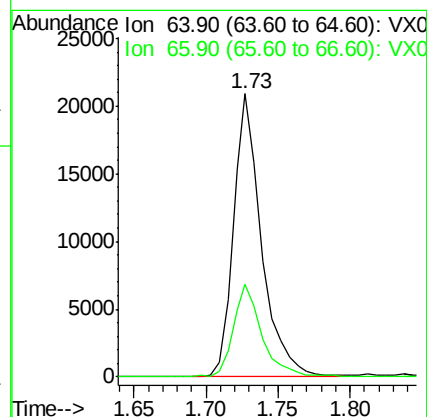
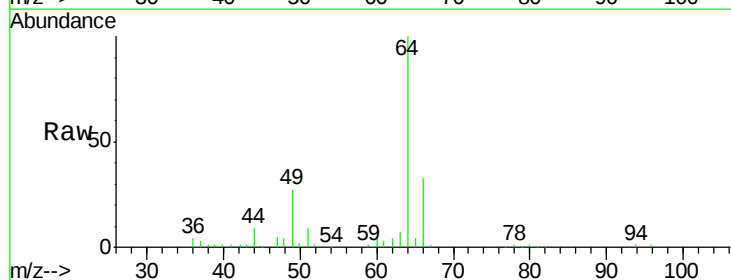
Acq: 01 May 2018 14:59

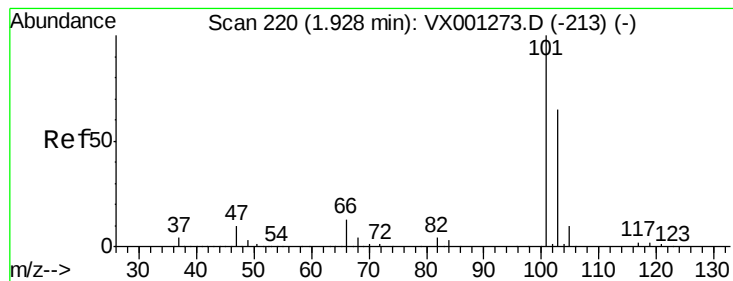
Tgt Ion: 64 Resp: 28448

Ion Ratio Lower Upper

64 100

66 32.8 25.7 38.5





#7

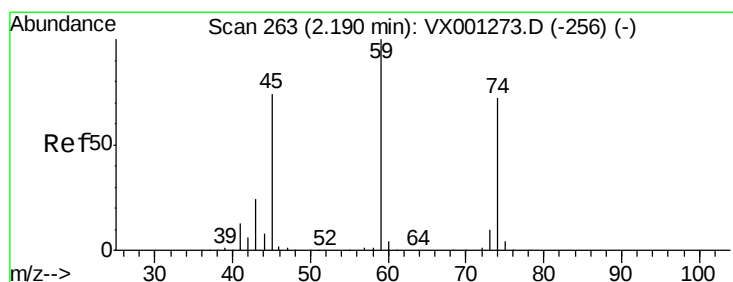
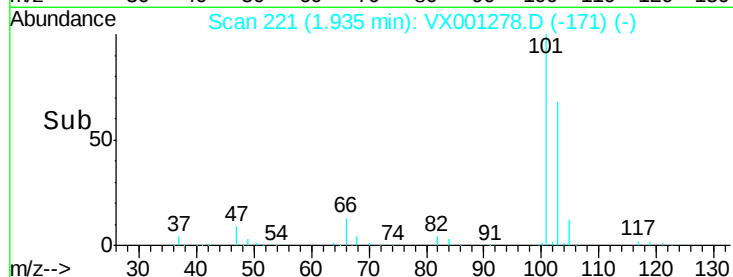
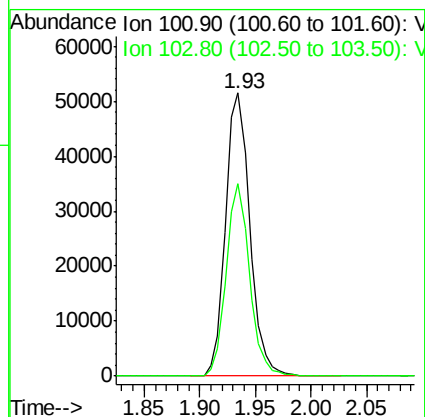
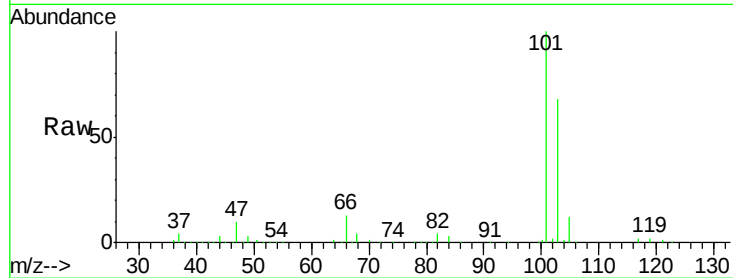
Trichlorofluoromethane  
Concen: 19.52 ug/l  
RT: 1.93 min Scan# 221  
Delta R.T. 0.01 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBS01

Tot Ion:101 Resp: 77926  
Ion Ratio Lower Upper  
101 100  
103 67.9 51.8 77.8

Manual Integrations  
APPROVED

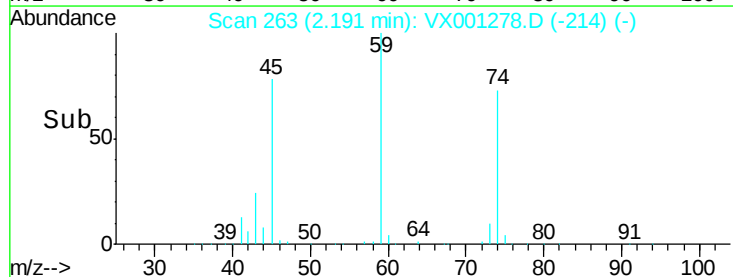
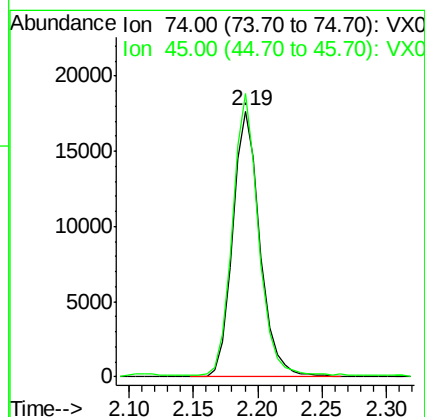
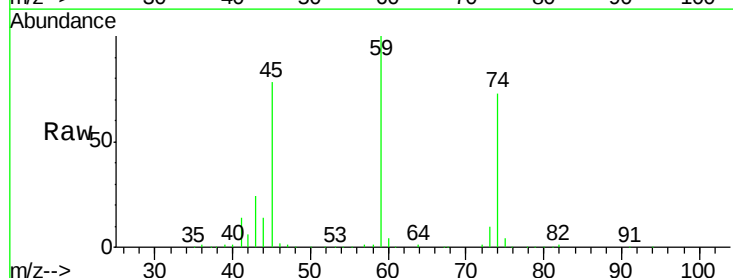
MMDadoda  
5/2/2018 4:20:55 PM

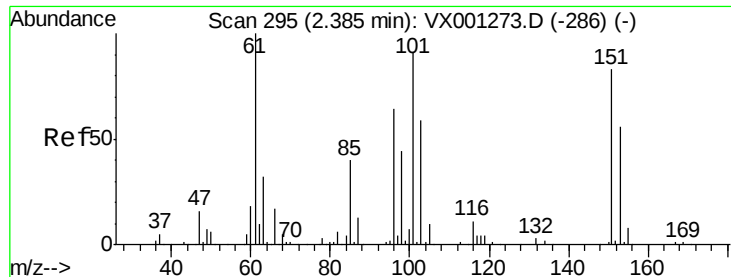


#8

Diethyl Ether  
Concen: 19.07 ug/l  
RT: 2.19 min Scan# 263  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Tgt Ion: 74 Resp: 26126  
Ion Ratio Lower Upper  
74 100  
45 102.1 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.47 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

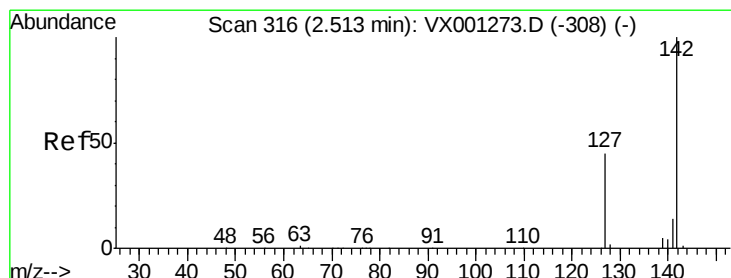
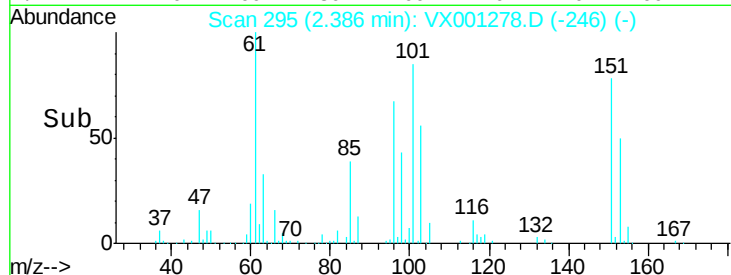
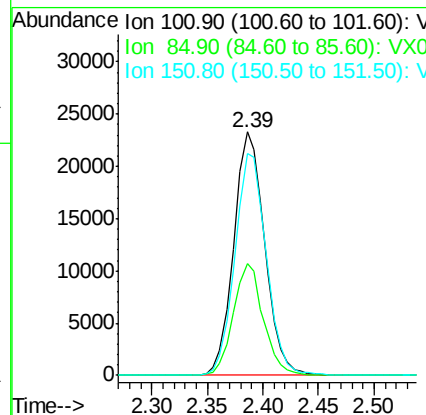
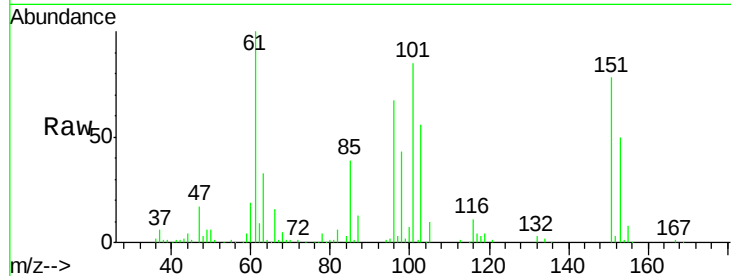
ClientSampleId :

VX0501WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 44.8  | 35.6  | 53.4  |
| 151     | 92.6  | 74.8  | 112.2 |

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#10

Methyl Iodide

Concen: 19.61 ug/l

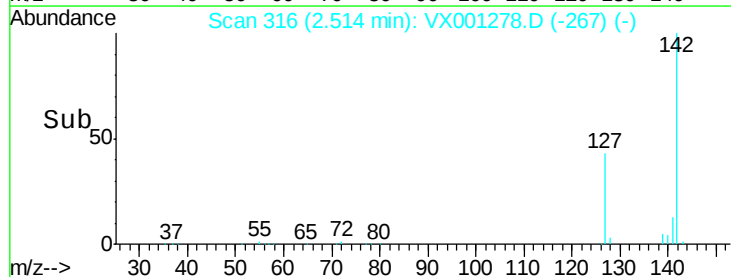
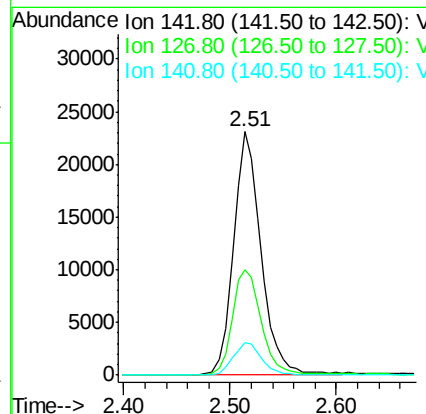
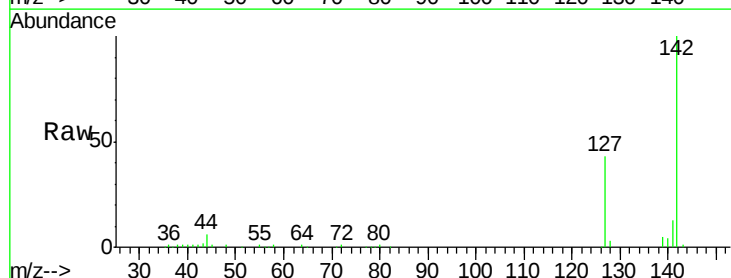
RT: 2.51 min Scan# 316

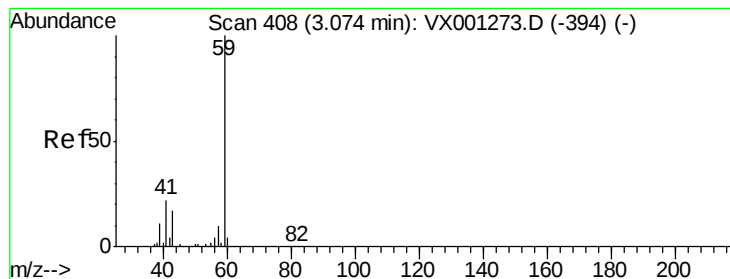
Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 45.6  | 35.7  | 53.5  |
| 141     | 13.8  | 11.4  | 17.0  |





#11

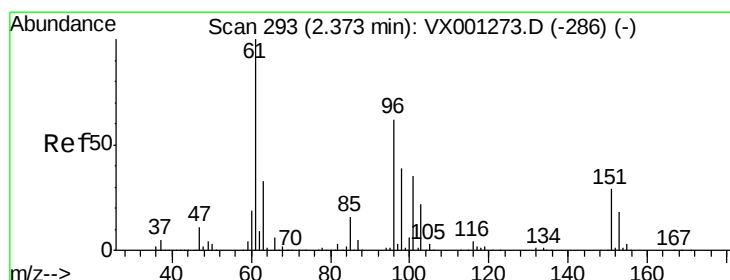
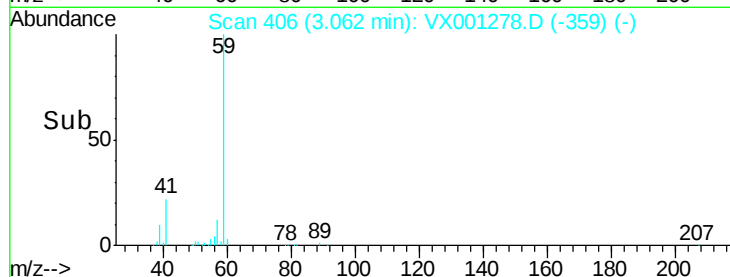
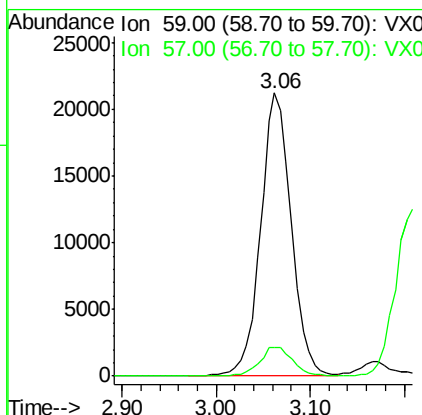
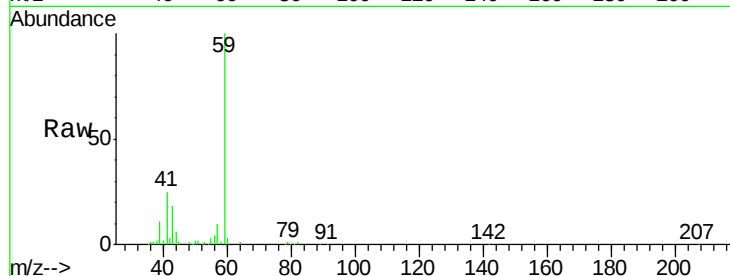
Tert butyl alcohol  
 Concen: 98.31 ug/l  
 RT: 3.06 min Scan# 406  
 Delta R.T. -0.01 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBS01

| Tot Ion   | 59   | Resp  | 48429 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 11.1 | 8.6   | 12.8  |

Manual Integrations  
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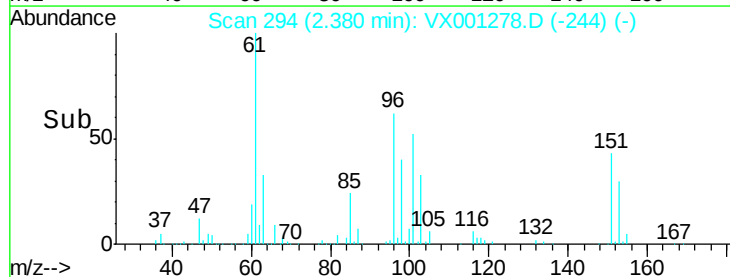
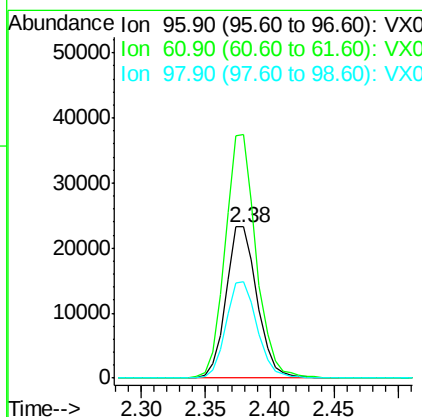
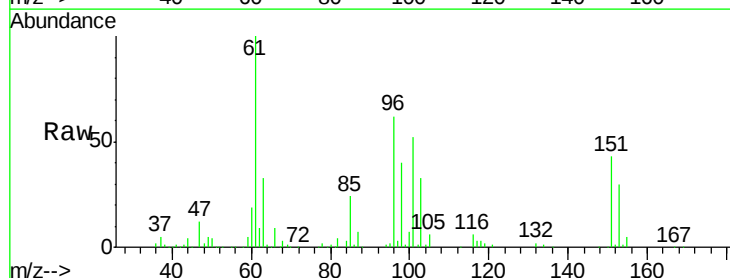
MMDadoda  
 5/2/2018 4:20:55 PM

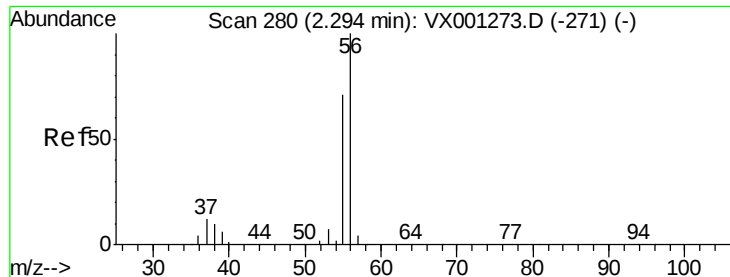


#12

1,1-Dichloroethene  
 Concen: 19.06 ug/l  
 RT: 2.38 min Scan# 294  
 Delta R.T. 0.01 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

| Tgt Ion   | 96    | Resp  | 39556 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 161.0 | 130.1 | 195.1 |
| 98        | 64.1  | 50.3  | 75.5  |





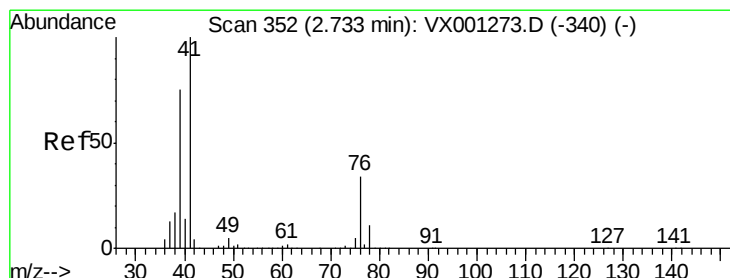
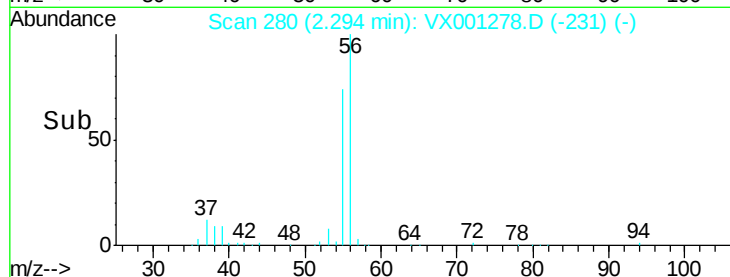
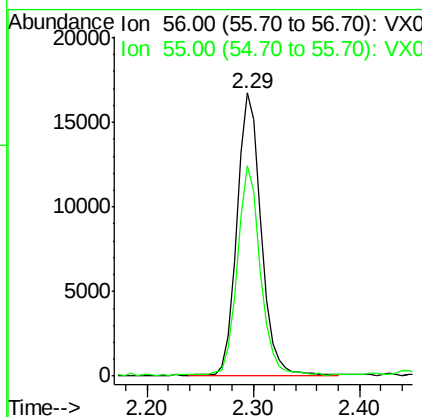
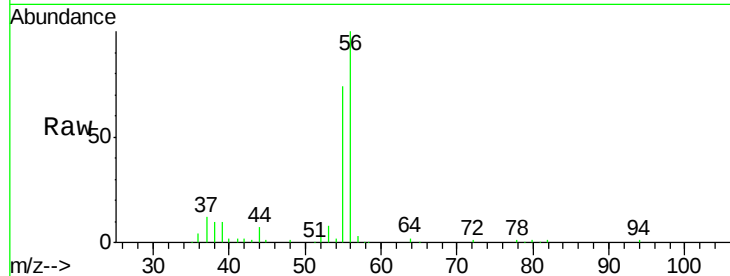
#13  
Acrolein  
Concen: 95.11 ug/l  
RT: 2.29 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 55      | 71.6 | 57.2  | 85.8  |       |

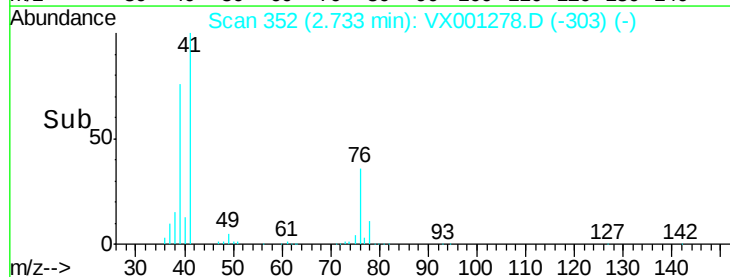
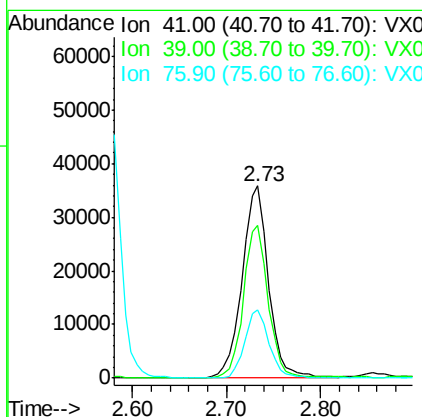
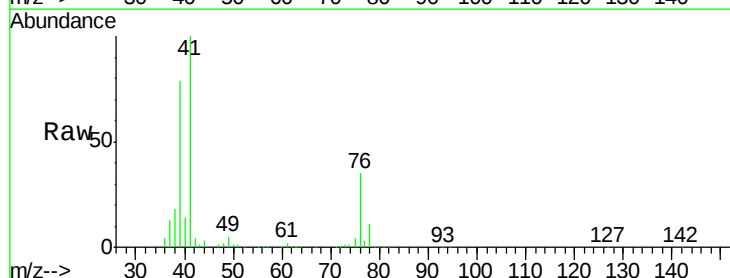
Manual Integrations  
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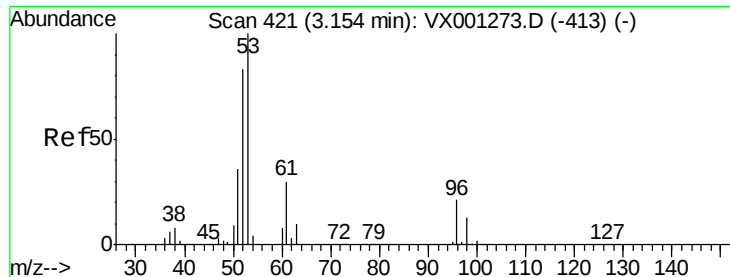
MMDadoda  
5/2/2018 4:20:55 PM



#14  
Allyl chloride  
Concen: 19.06 ug/l  
RT: 2.73 min Scan# 352  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 74.4 | 58.1  | 87.1  |       |
| 76      | 33.0 | 25.1  | 37.7  |       |





#15

Acrylonitrile

Concen: 93.14 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

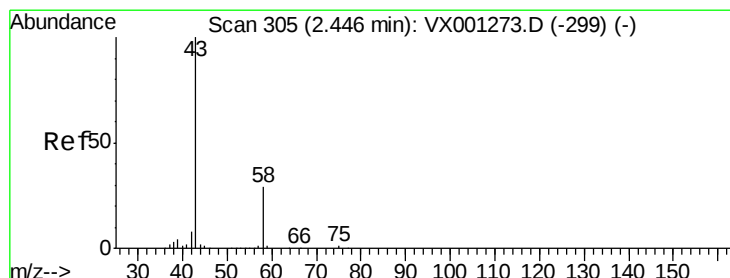
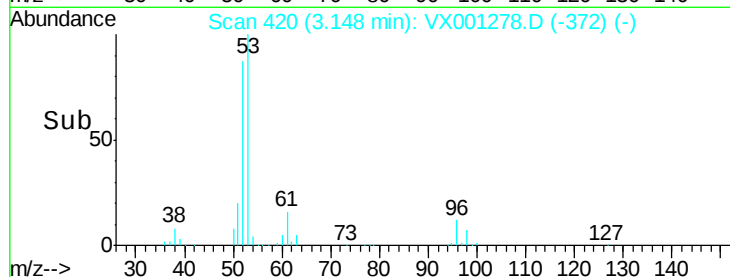
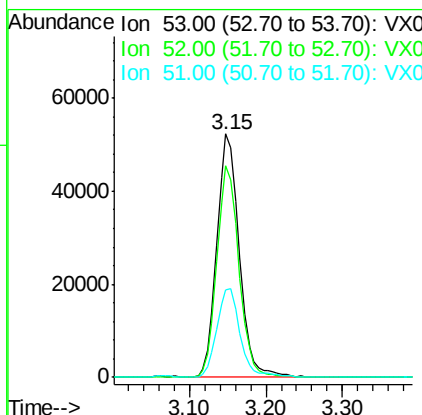
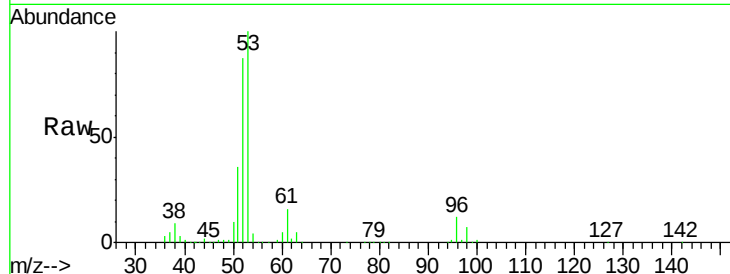
ClientSampleId :

VX0501WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 106347 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 85.9  | 67.0  | 100.4  |
| 51        | 38.0  | 29.9  | 44.9   |

Manual Integrations  
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MMDadoda  
5/2/2018 4:20:55 PM



#16

Acetone

Concen: 95.13 ug/l

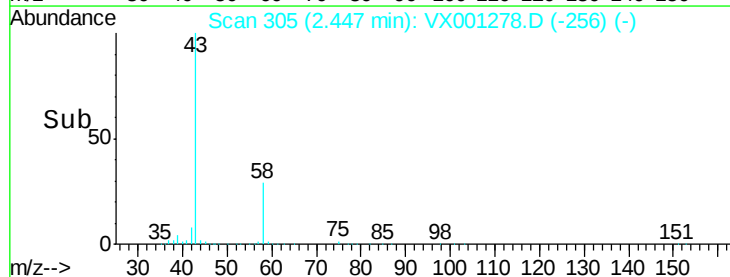
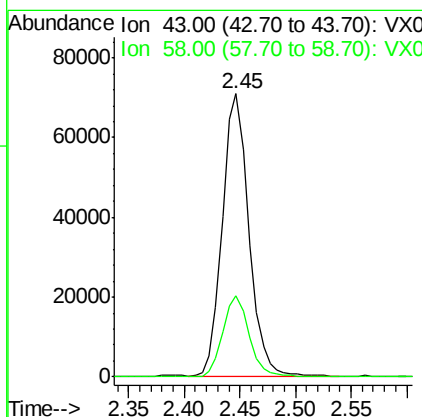
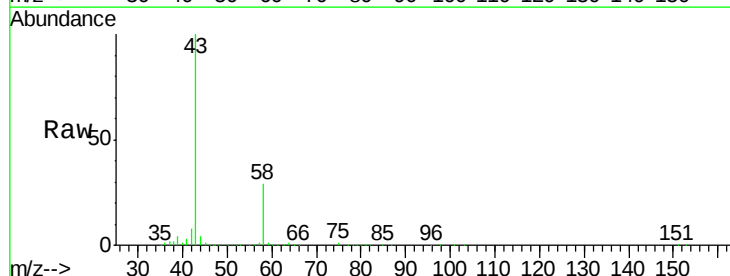
RT: 2.45 min Scan# 305

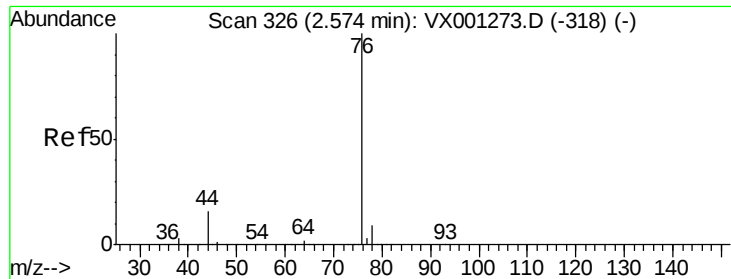
Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 116273 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 28.9  | 22.8  | 34.2   |





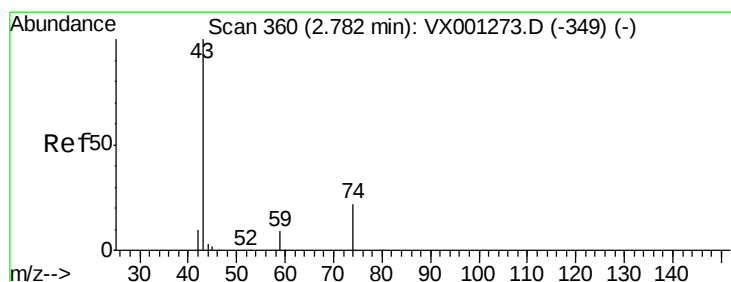
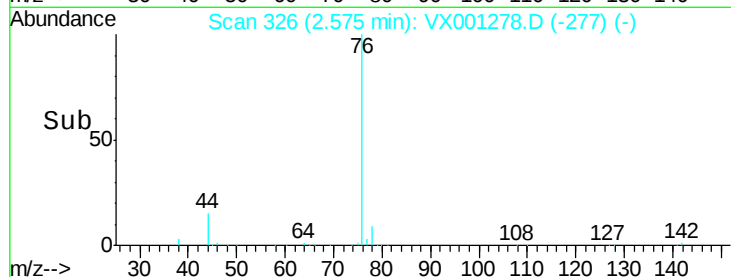
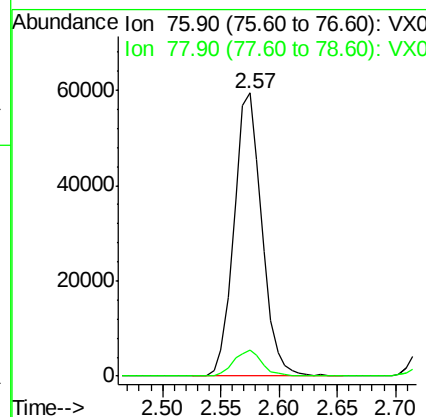
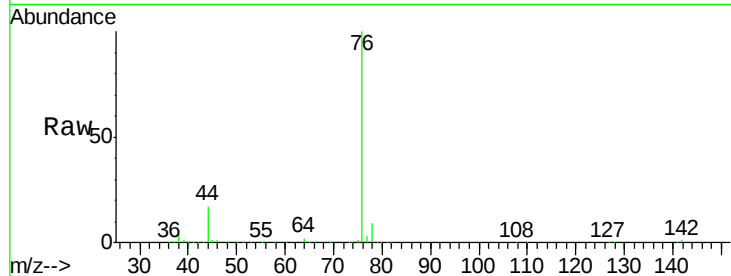
#17  
Carbon Disulfide  
Concen: 18.30 ug/l  
RT: 2.57 min Scan# 326  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.3   | 7.0   | 10.4  |

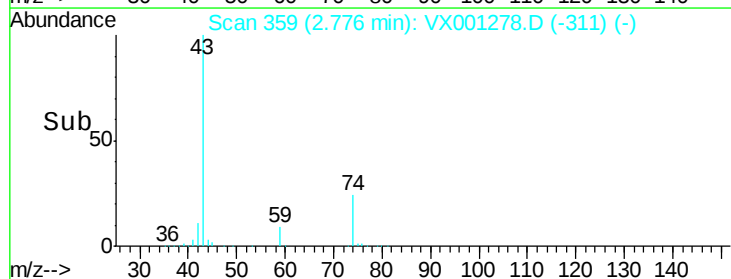
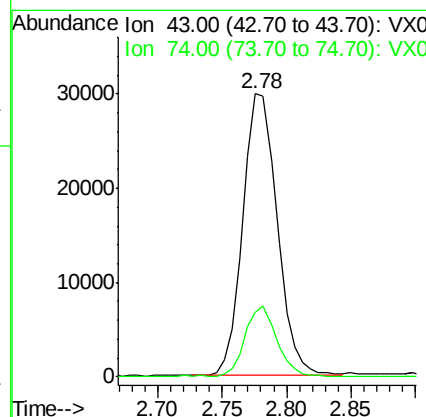
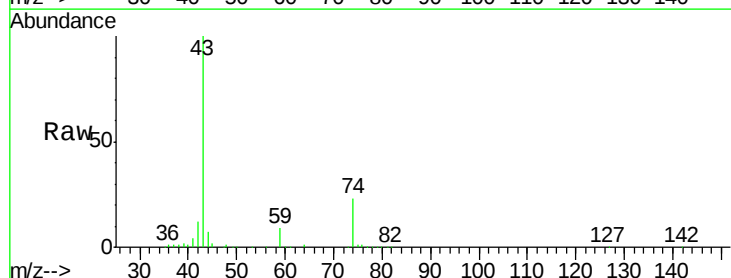
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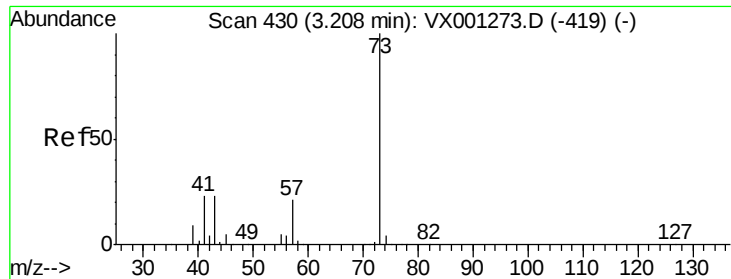
MMDadoda  
5/2/2018 4:20:55 PM



#18  
Methyl Acetate  
Concen: 19.23 ug/l  
RT: 2.78 min Scan# 359  
Delta R.T. -0.01 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.3  | 17.8  | 26.6  |





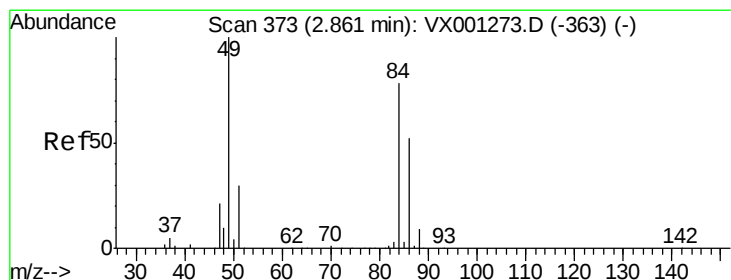
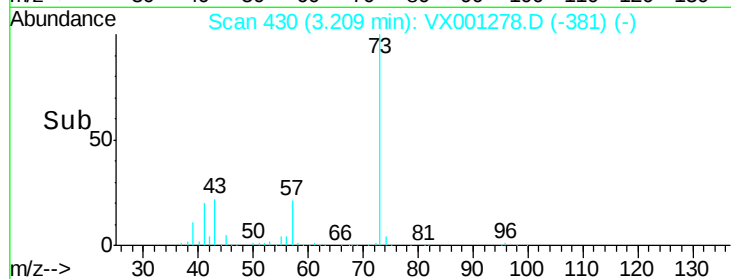
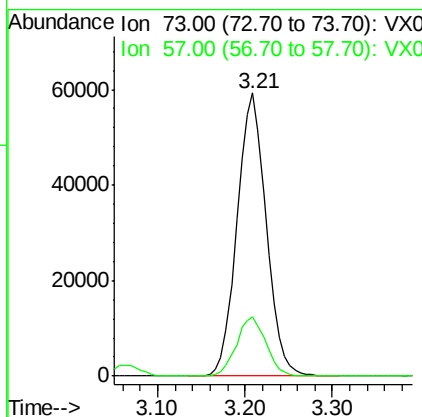
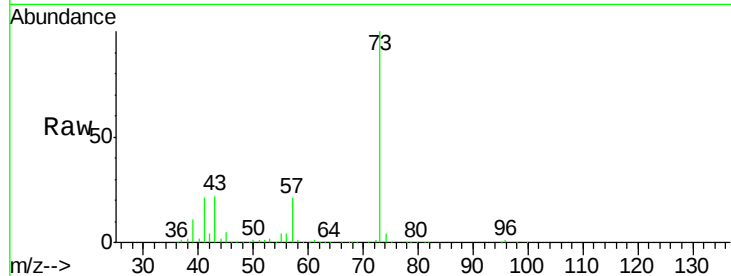
#19  
Methvl tert-butvl Ether  
Concen: 19.43 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBS01

Tot Ion: 73 Resp: 137308  
Ion Ratio Lower Upper  
73 100  
57 21.1 16.8 25.2

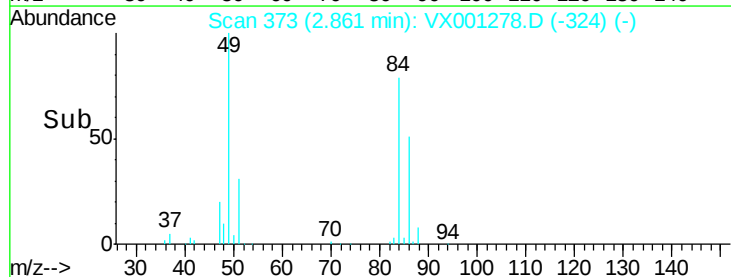
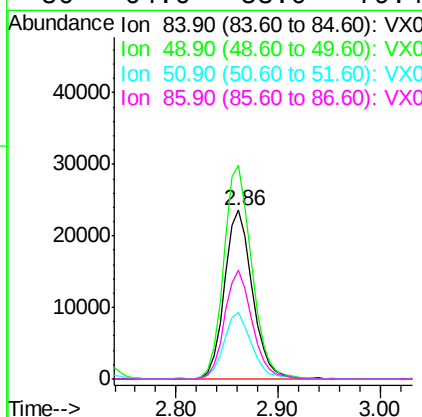
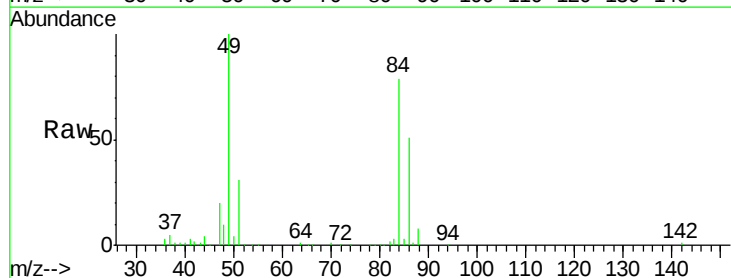
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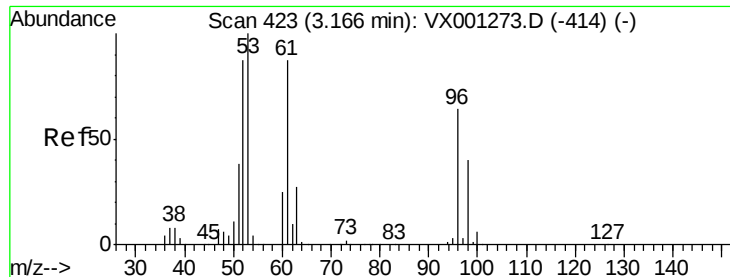
MMDadoda  
5/2/2018 4:20:55 PM



#20  
Methylene Chloride  
Concen: 19.26 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Tgt Ion: 84 Resp: 44632  
Ion Ratio Lower Upper  
84 100  
49 126.9 102.8 154.2  
51 39.3 30.9 46.3  
86 64.6 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 18.69 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBS01

Tot Ion: 96 Resp: 42199

Ion Ratio Lower Upper

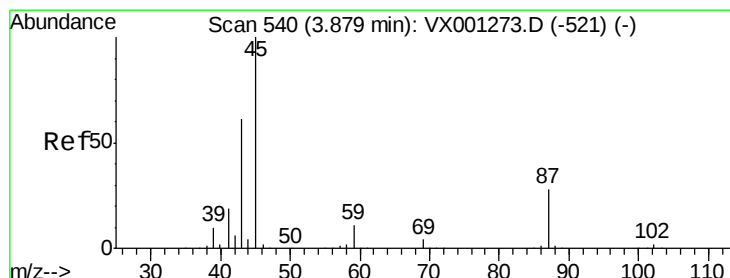
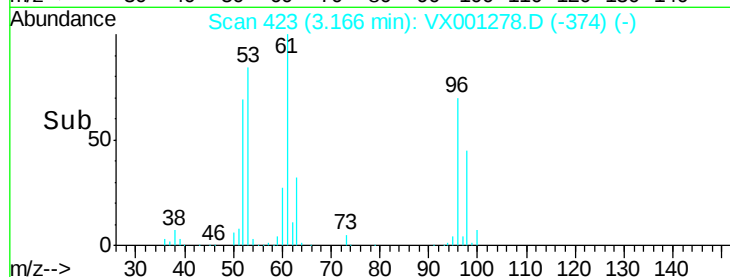
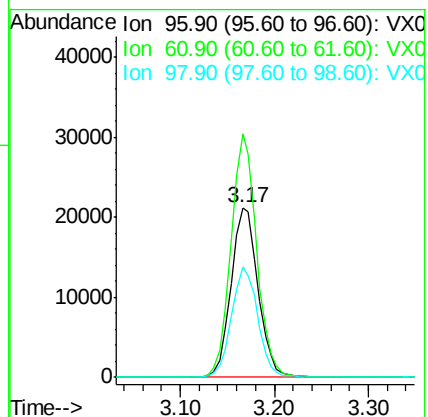
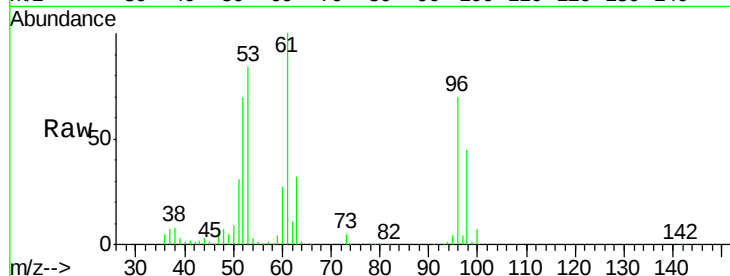
96 100

61 143.7 108.6 162.8

98 64.9 49.7 74.5

Manual Integrations  
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5/2/2018 4:20:55 PM



#22

Diisopropyl ether

Concen: 19.46 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Tgt Ion: 45 Resp: 136066

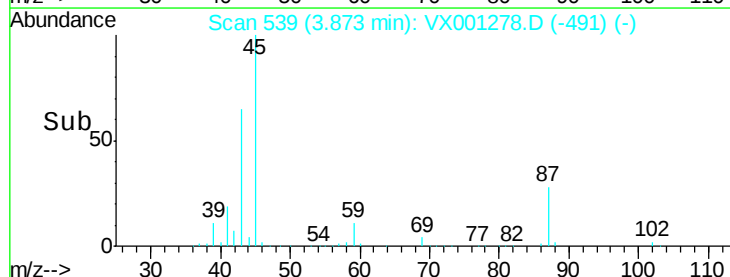
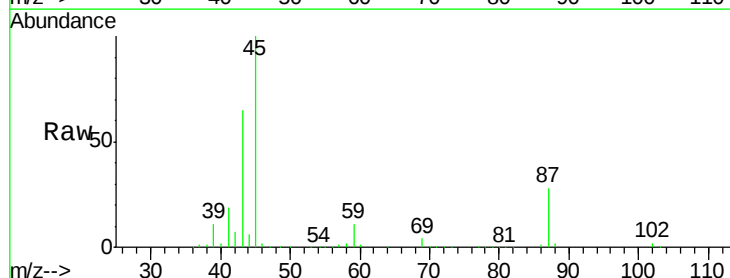
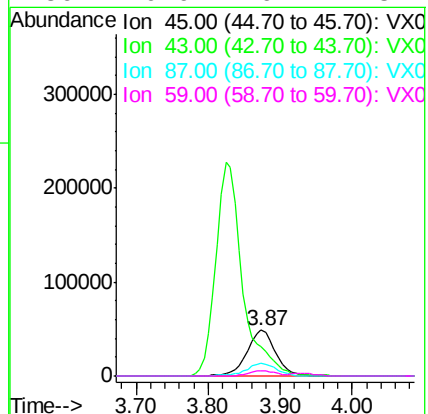
Ion Ratio Lower Upper

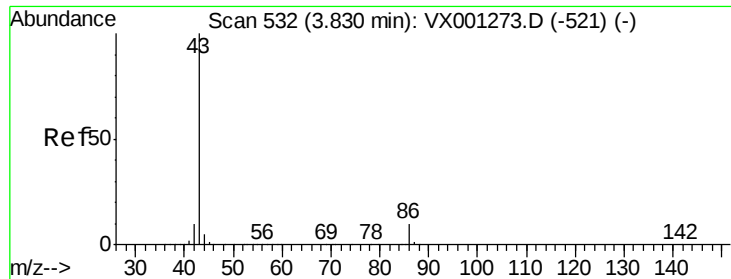
45 100

43 63.8 48.7 73.1

87 27.6 22.2 33.4

59 10.9 9.1 13.7





#23

Vinyl Acetate

Concen: 99.50 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampled :

VX0501WBS01

Tot Ion: 43 Resp: 589530

Ion Ratio Lower Upper

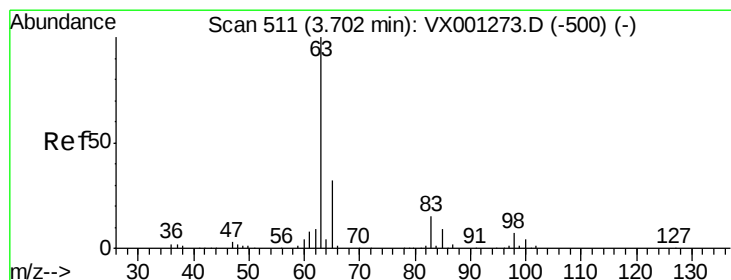
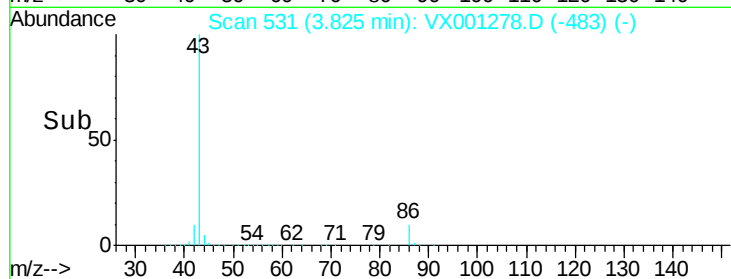
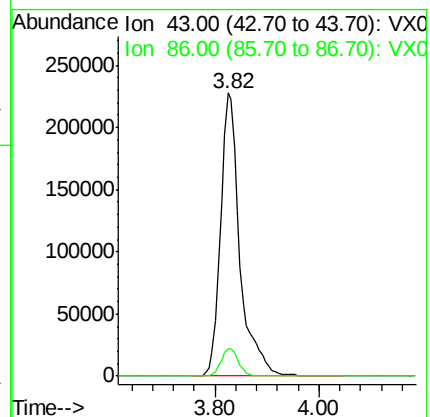
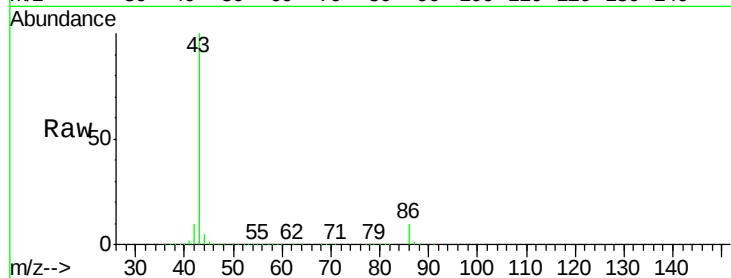
43 100

86 9.5 8.2 12.4

Manual Integrations  
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MMDadoda

5/2/2018 4:20:55 PM



#24

1,1-Dichloroethane

Concen: 19.76 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

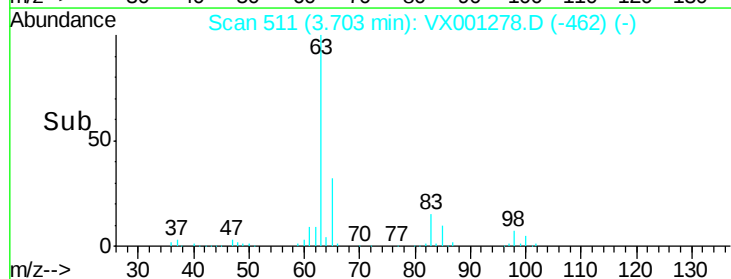
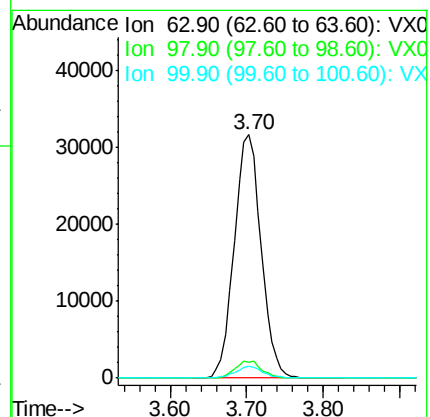
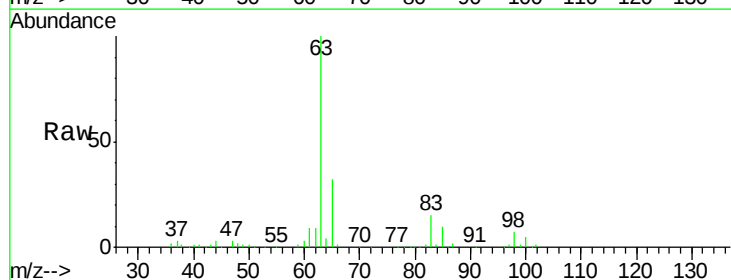
Tgt Ion: 63 Resp: 76956

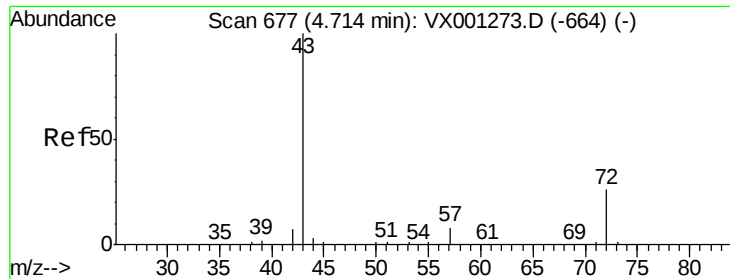
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 96.03 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBS01

Tot Ion: 43 Resp: 158706

Ion Ratio Lower Upper

43 100

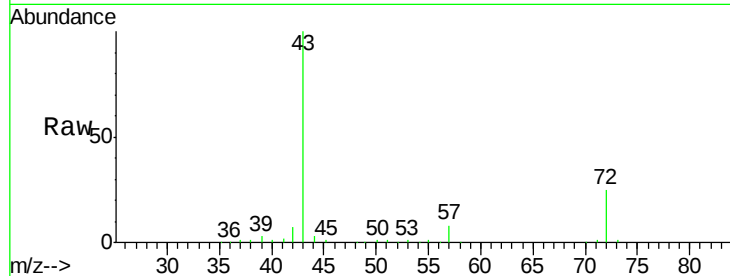
72 25.0 20.5 30.7

Manual Integrations

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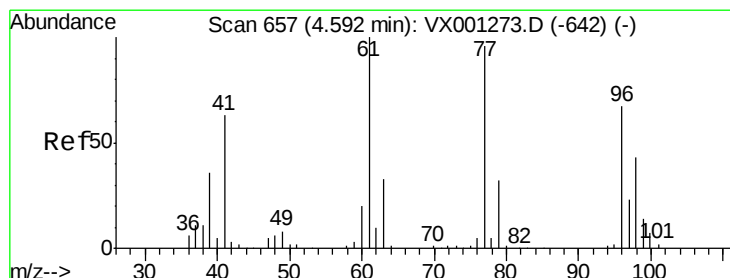
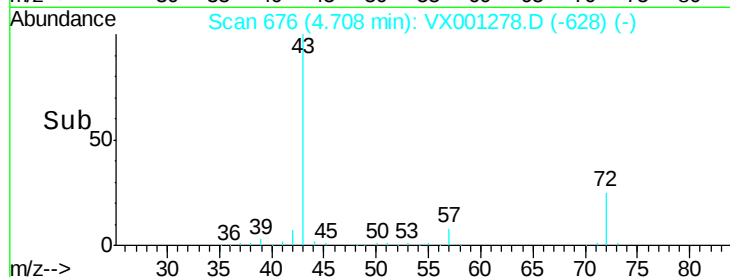
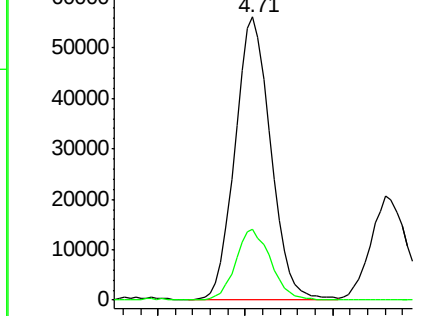
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.01 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001278.D

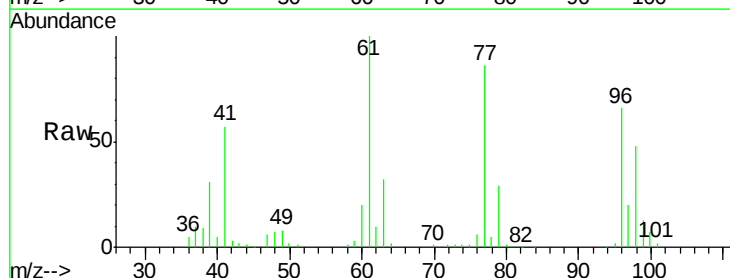
Acq: 01 May 2018 14:59

Tgt Ion: 77 Resp: 60239

Ion Ratio Lower Upper

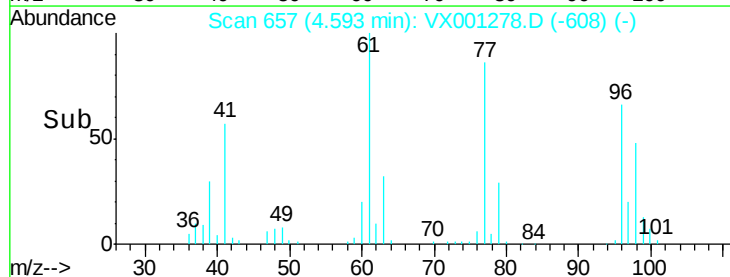
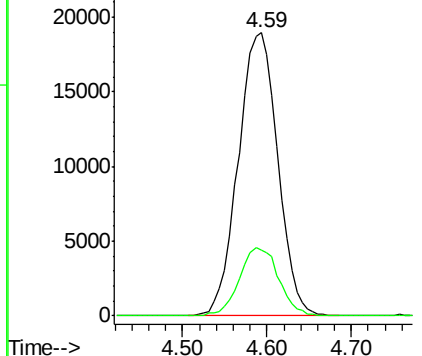
77 100

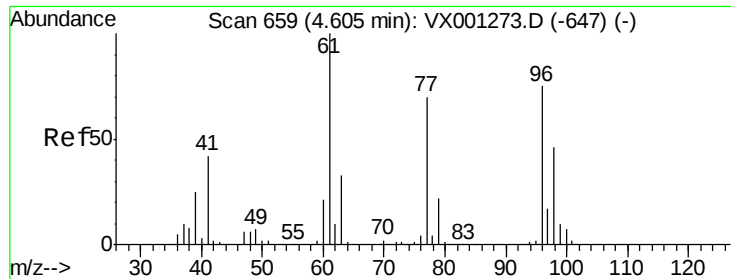
97 24.0 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 18.92 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

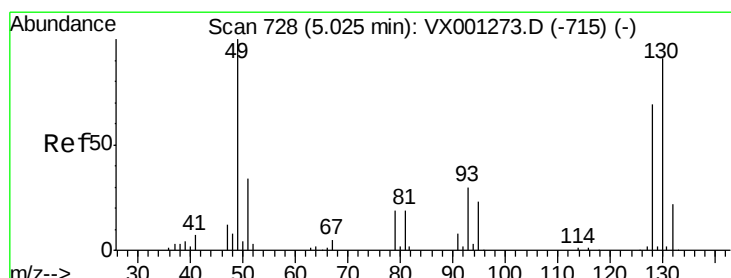
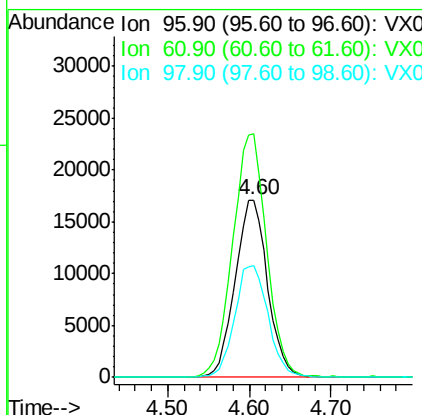
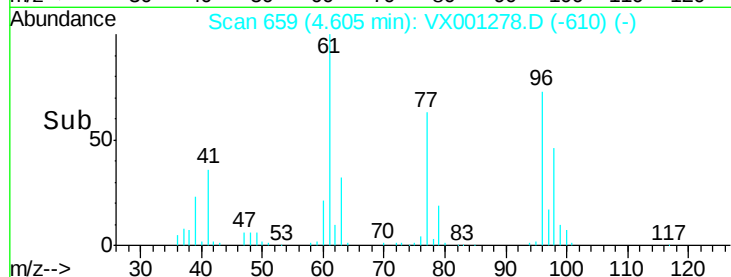
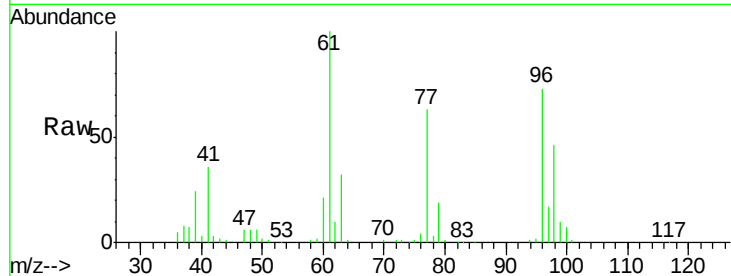
ClientSampleId :

VX0501WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 46966 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 143.7 | 0.0   | 288.0 |
| 98       | 64.9  | 0.0   | 130.2 |

Manual Integrations  
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#28

Bromochloromethane

Concen: 20.41 ug/l

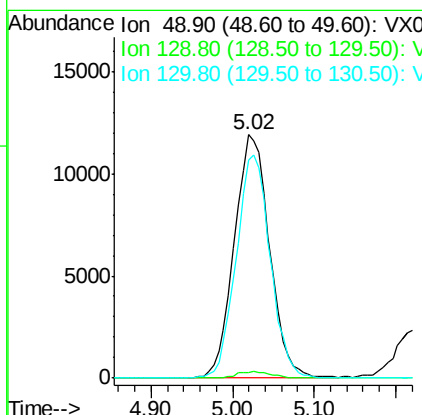
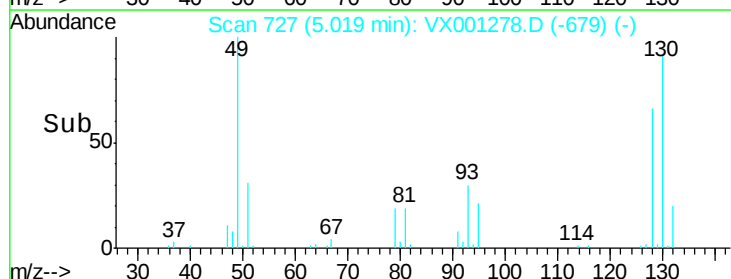
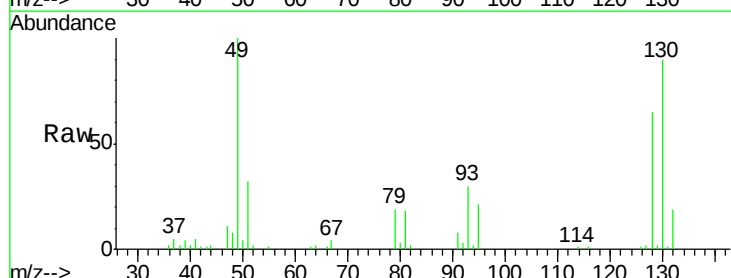
RT: 5.02 min Scan# 727

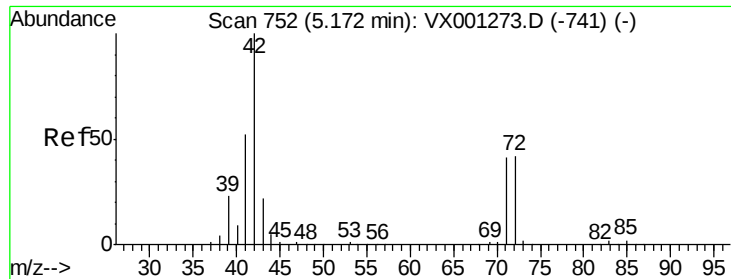
Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 35725 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.5   | 0.0   | 4.8   |
| 130      | 88.3  | 70.4  | 105.6 |





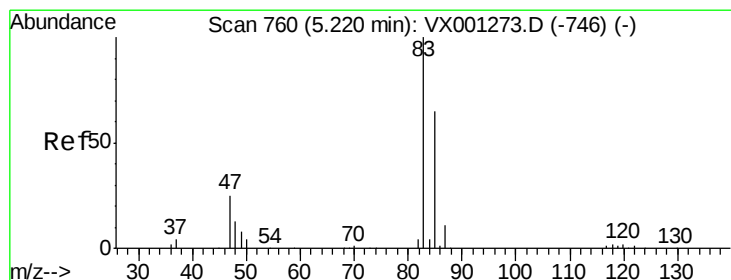
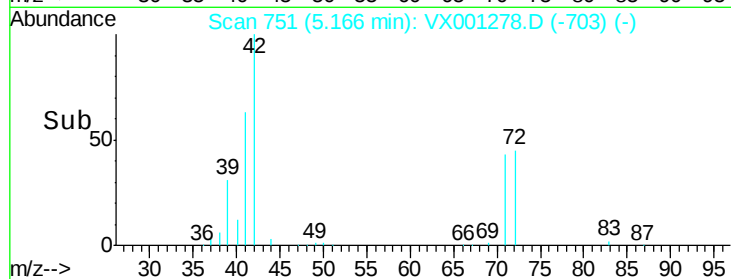
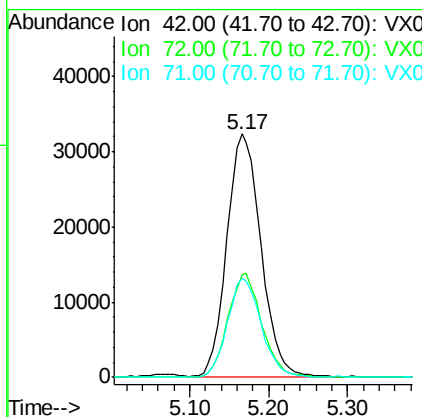
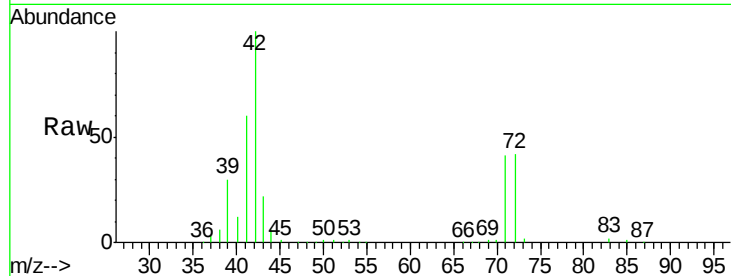
#29  
Tetrahydrofuran  
Concen: 95.46 ug/l  
RT: 5.17 min Scan# 751  
Delta R.T. -0.01 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.5  | 34.6  | 52.0  |
| 71      | 40.5  | 32.7  | 49.1  |

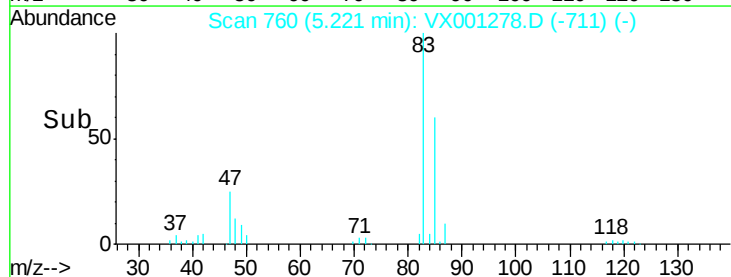
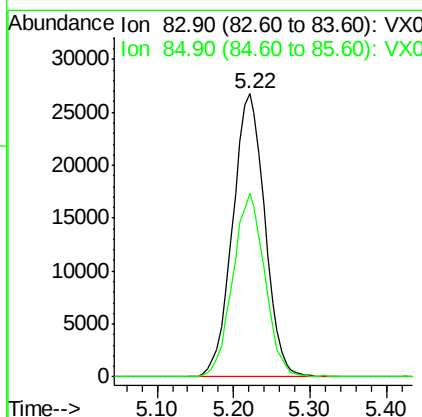
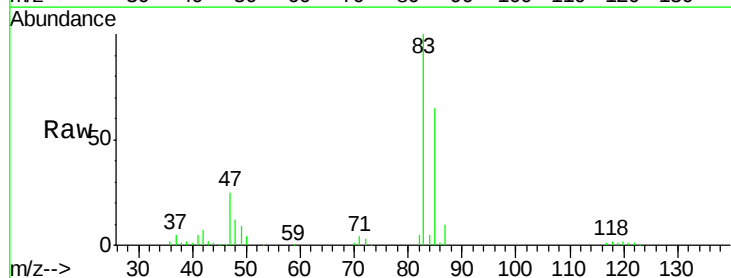
Manual Integrations  
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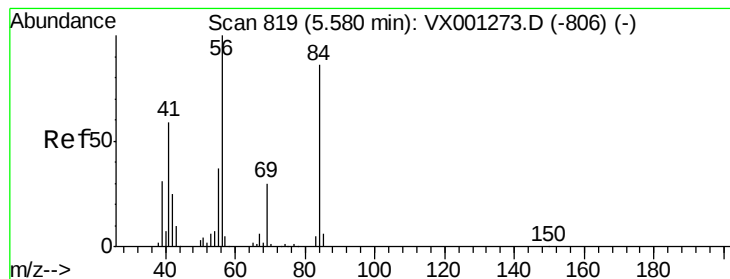
MMDadoda  
5/2/2018 4:20:55 PM



#30  
Chloroform  
Concen: 18.96 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.6  | 52.2  | 78.2  |





#31

Cyclohexane

Concen: 19.11 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBS01

Tot Ion: 56 Resp: 67202

Ion Ratio Lower Upper

56 100

69 30.4 24.0 36.0

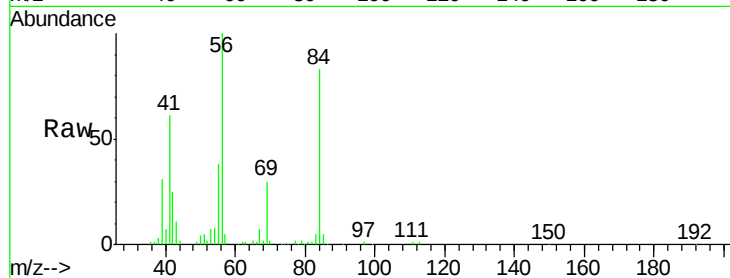
84 80.9 69.0 103.4

Manual Integrations

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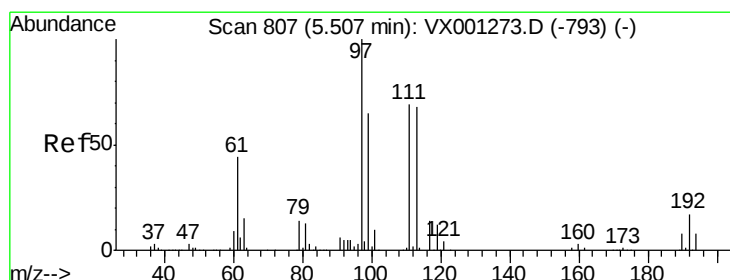
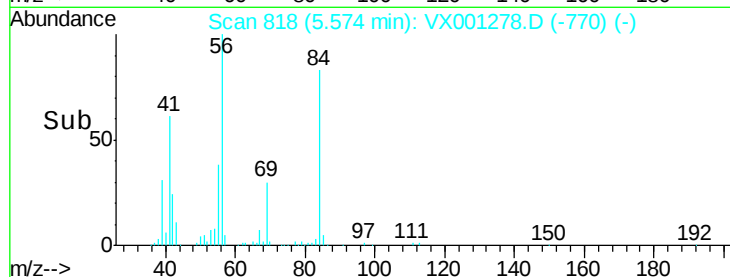
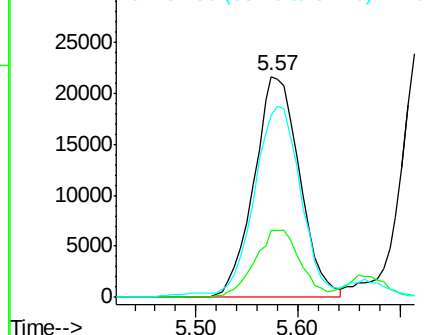


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.98 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

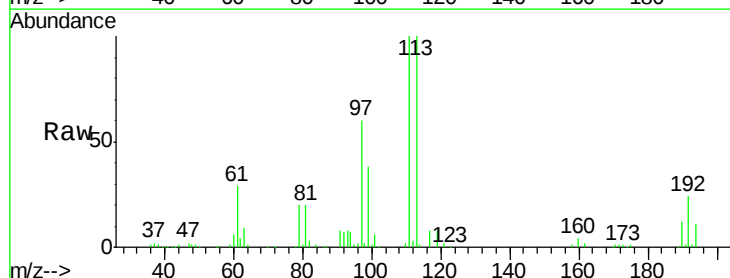
Tgt Ion: 97 Resp: 68280

Ion Ratio Lower Upper

97 100

99 65.2 51.8 77.6

61 44.8 35.4 53.2

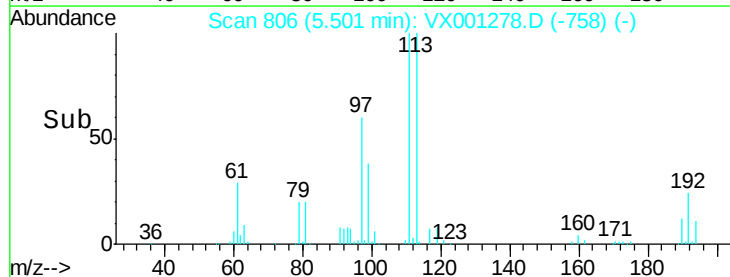
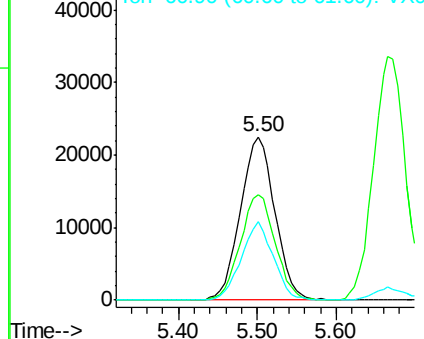


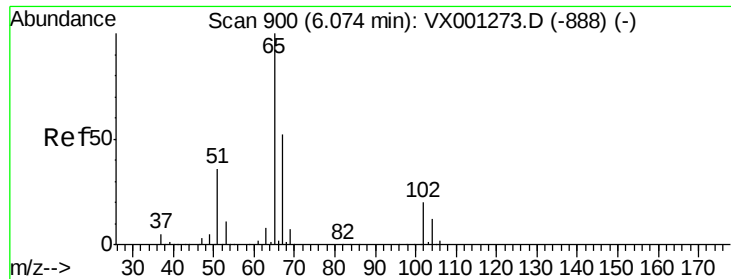
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





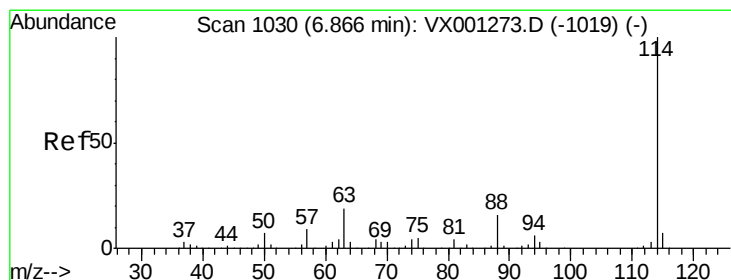
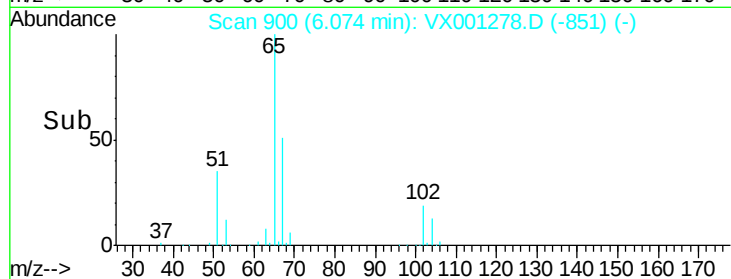
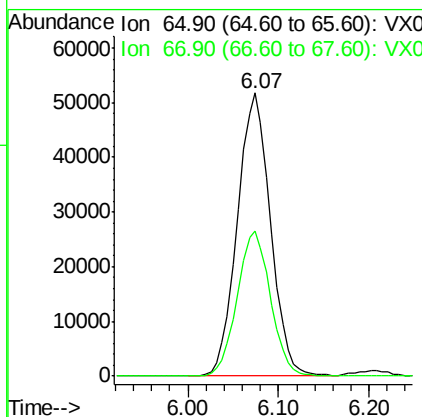
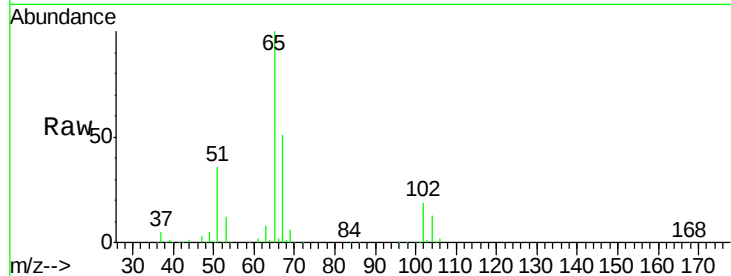
#33  
 1,2-Dichloroethane-d4  
 Concen: 45.75 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 131003 |       |       |
| 67      | 51.6  | 0.0    | 102.8 |       |

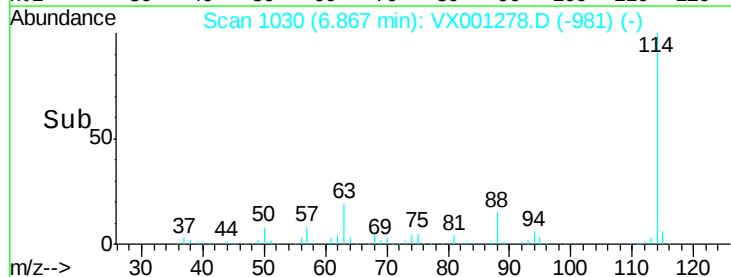
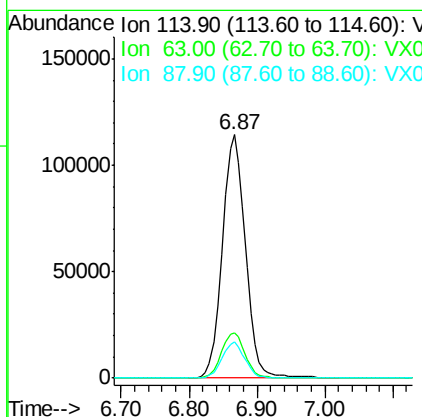
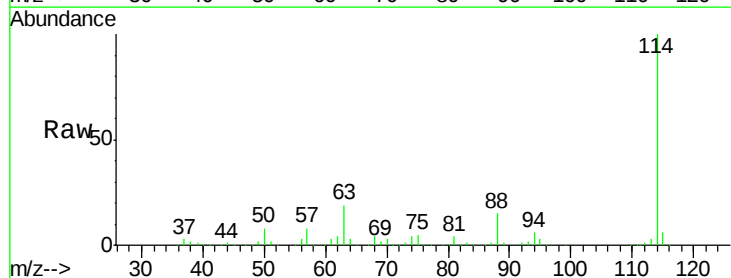
Manual Integrations  
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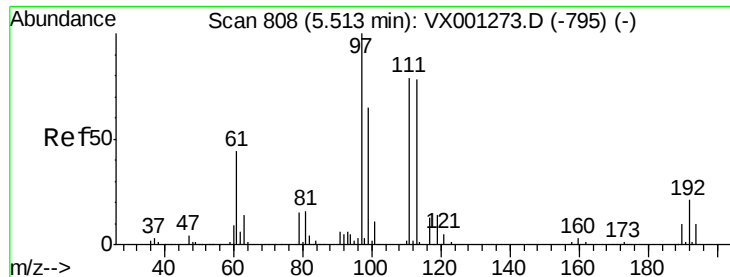
MMDadoda  
 5/2/2018 4:20:55 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 269026 |       |       |
| 63      | 18.6  | 0.0    | 38.8  |       |
| 88      | 15.2  | 0.0    | 32.2  |       |





#35

Dibromofluoromethane

Concen: 47.56 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

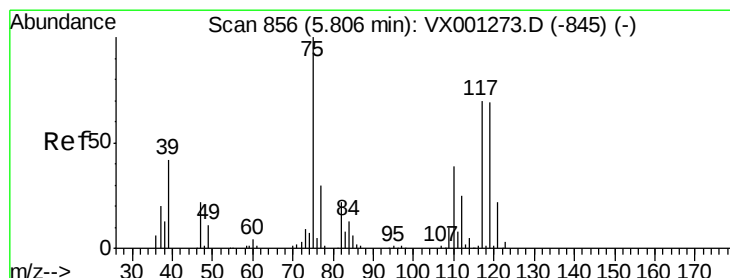
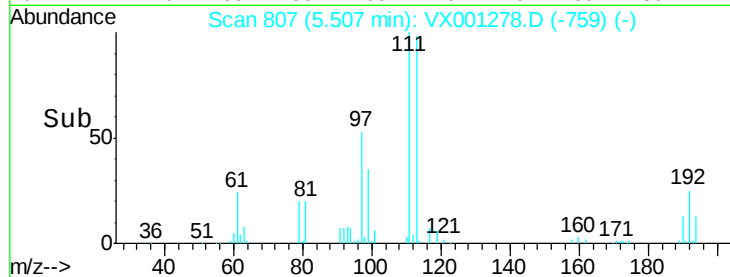
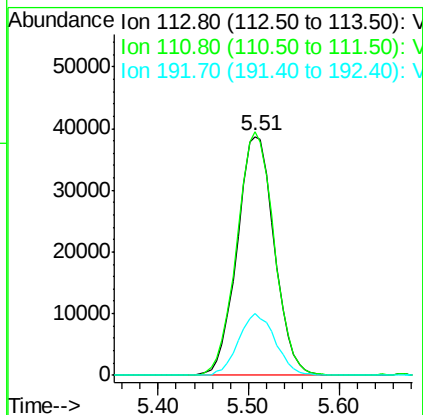
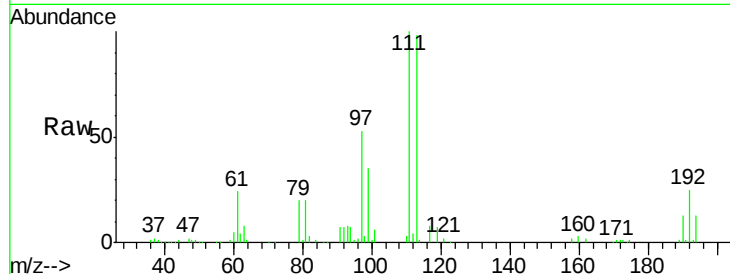
ClientSampleId :

VX0501WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 110237 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.7 | 81.2  | 121.8  |
| 192       | 25.6  | 20.7  | 31.1   |

Manual Integrations  
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5/2/2018 4:20:55 PM



#36

1,1-Dichloropropene

Concen: 18.82 ug/l

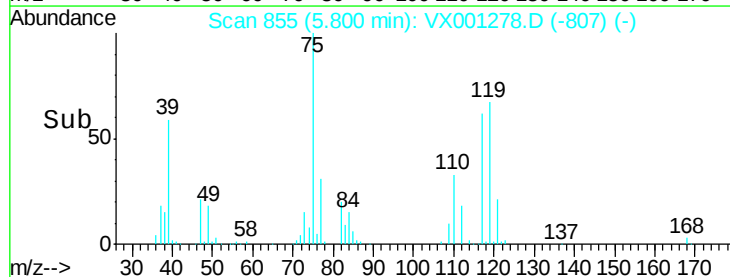
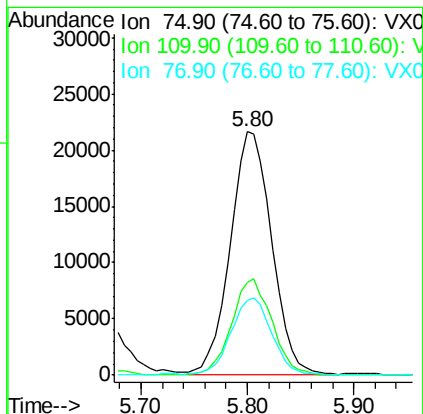
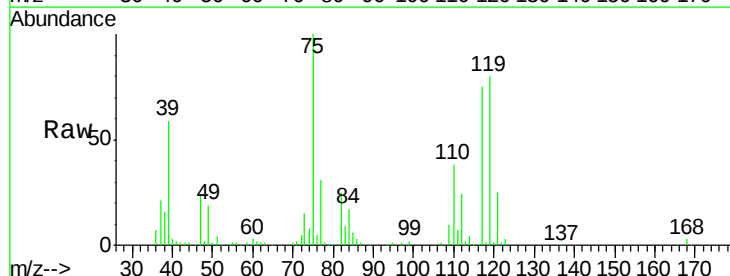
RT: 5.80 min Scan# 855

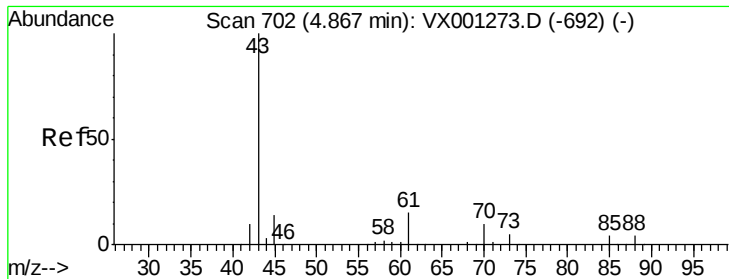
Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 58427 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 38.8  | 18.9  | 56.9  |
| 77        | 31.5  | 24.2  | 36.2  |





#37

Ethyl Acetate

Concen: 19.04 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

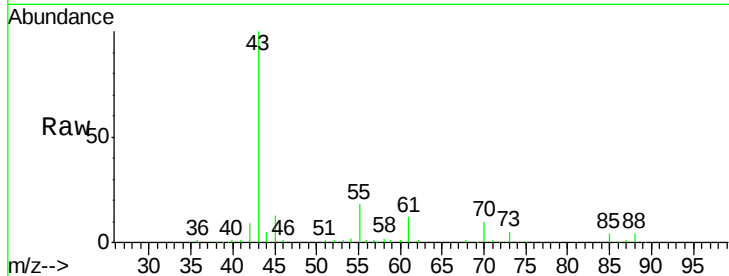
ClientSampled :

VX0501WBS01

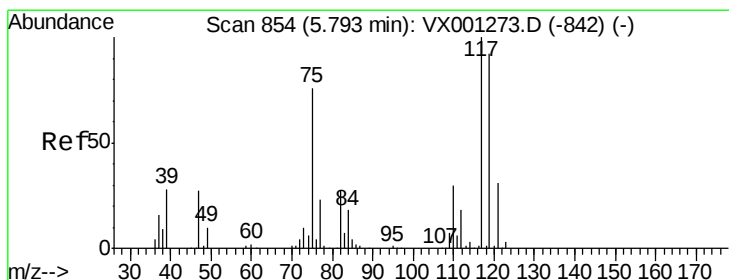
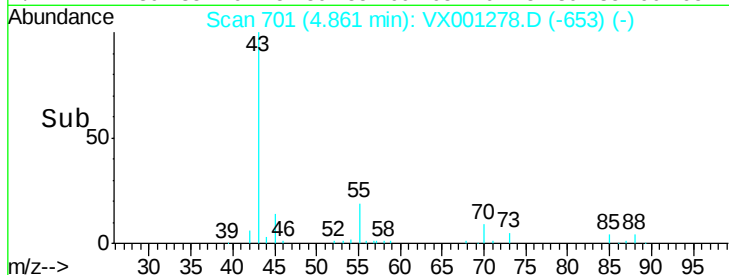
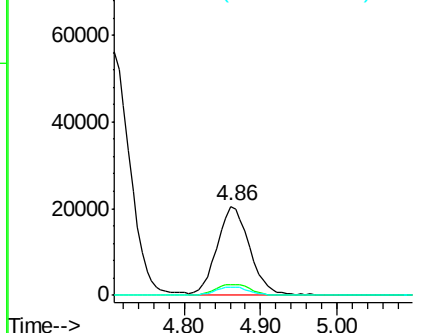
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 59694 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.4  | 10.7  | 16.1  |
| 70       | 10.1  | 8.0   | 12.0  |

Manual Integrations  
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5/2/2018 4:20:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VX001278.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 18.40 ug/l

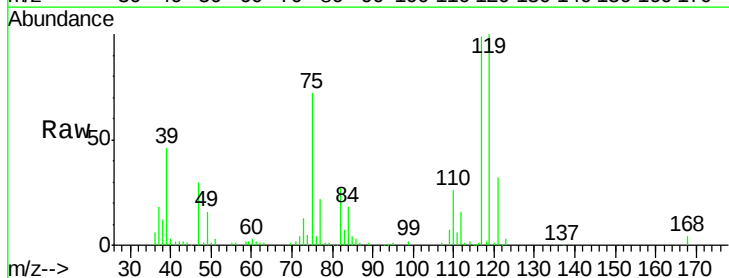
RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

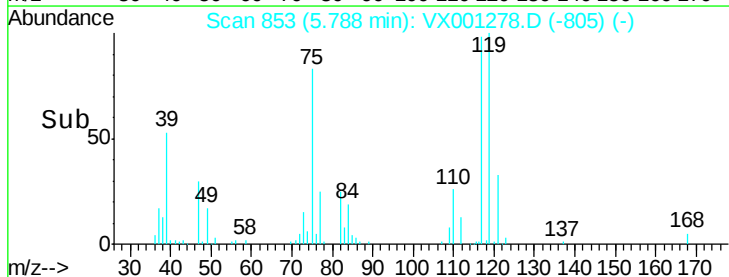
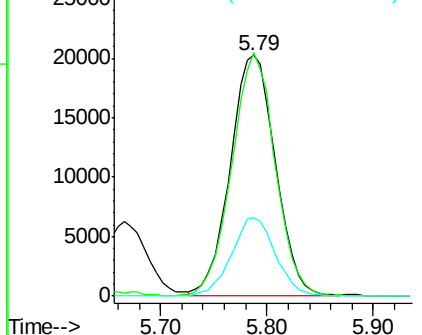
Lab File: VX001278.D

Acq: 01 May 2018 14:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 59852 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 101.1 | 73.4  | 110.2 |
| 121      | 32.6  | 25.0  | 37.4  |



Abundance Ion 116.80 (116.50 to 117.50): VX001278.D (-842) (-)





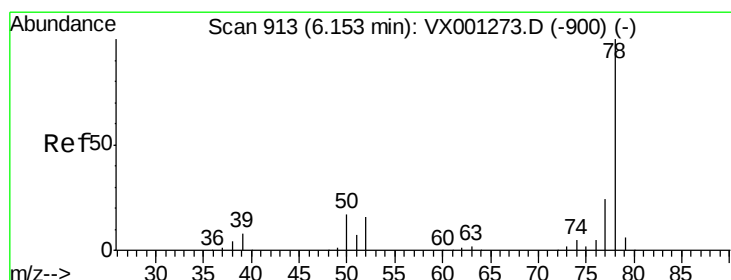
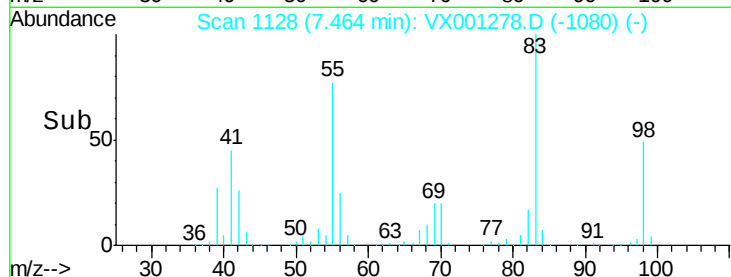
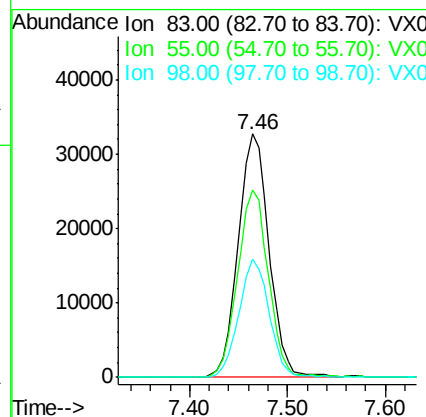
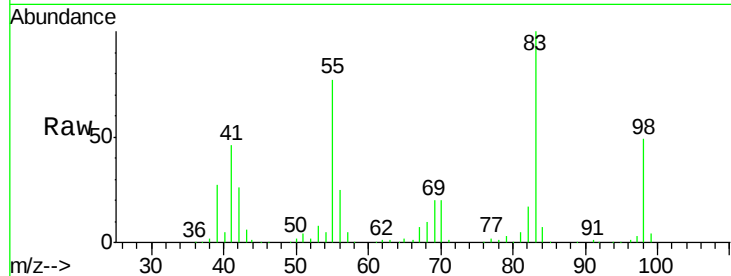
#39  
Methvlcvclohexane  
Concen: 19.58 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. -0.01 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 76.9  | 60.4  | 90.6  |
| 98      | 48.7  | 37.0  | 55.6  |

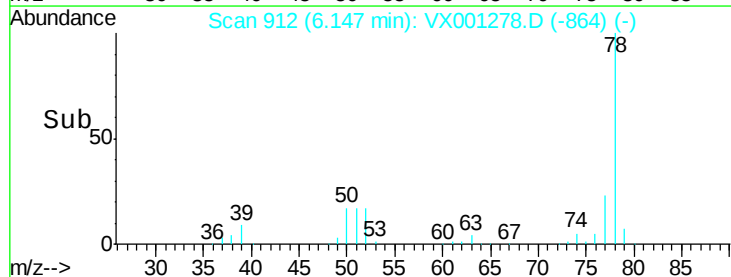
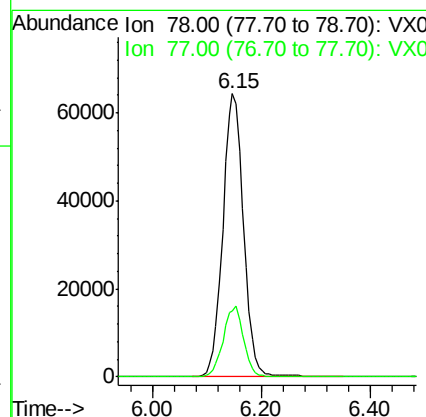
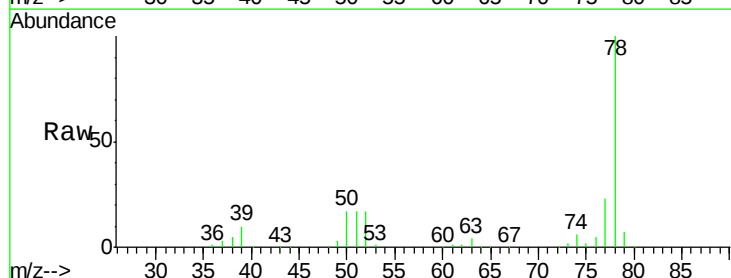
Manual Integrations  
APPROVED

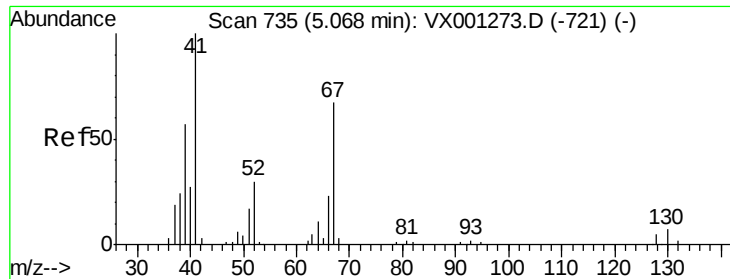
MMDadoda  
5/2/2018 4:20:55 PM



#40  
Benzene  
Concen: 19.00 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.4  | 19.0  | 28.4  |





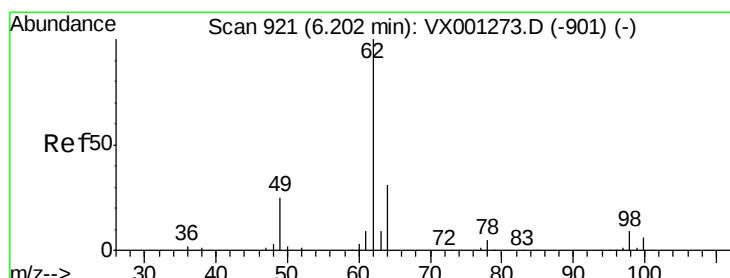
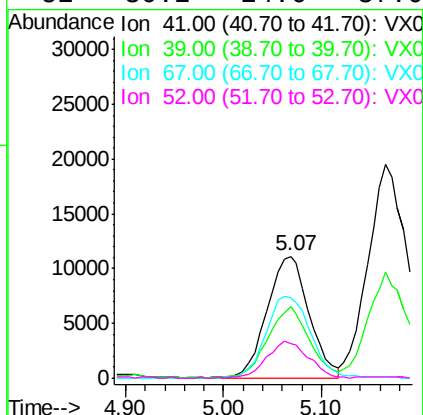
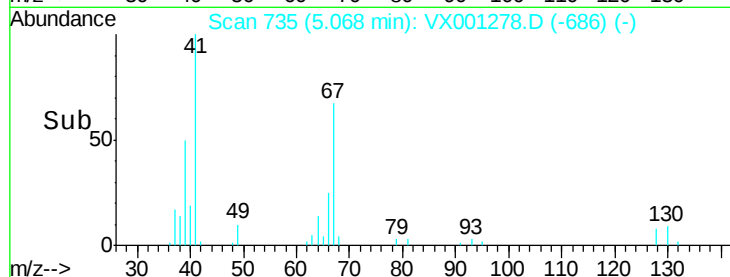
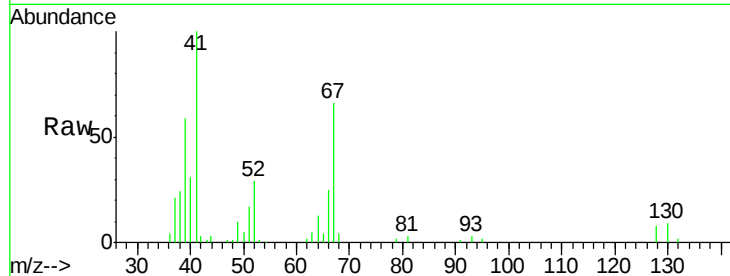
#41  
Methacrylonitrile  
Concen: 18.43 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 33651 |       |       |
| 39      | 56.7 | 45.8  | 68.8  |       |       |
| 67      | 70.6 | 54.8  | 82.2  |       |       |
| 52      | 30.2 | 24.6  | 37.0  |       |       |

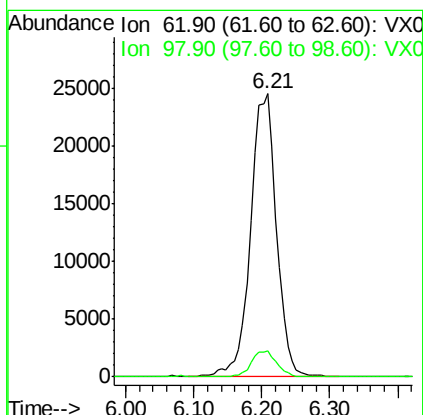
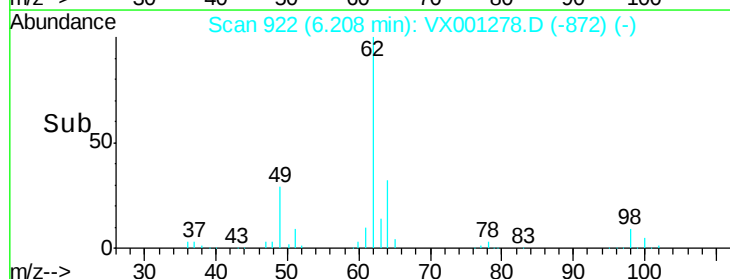
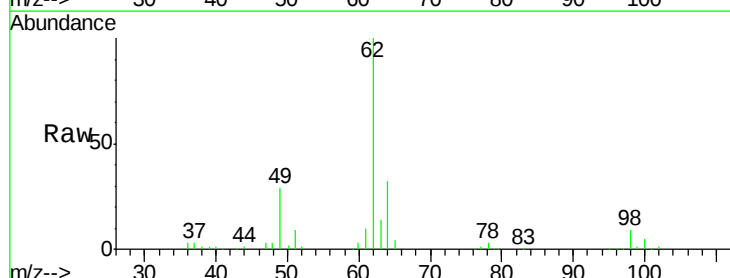
Manual Integrations  
APPROVED

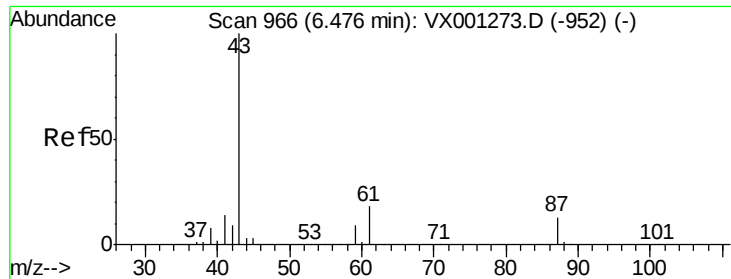
MMDadoda  
5/2/2018 4:20:55 PM



#42  
1,2-Dichloroethane  
Concen: 18.96 ug/l  
RT: 6.21 min Scan# 922  
Delta R.T. 0.01 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 62      | 100 |       | 65582 |       |       |
| 98      | 9.0 | 0.0   | 17.2  |       |       |





#43

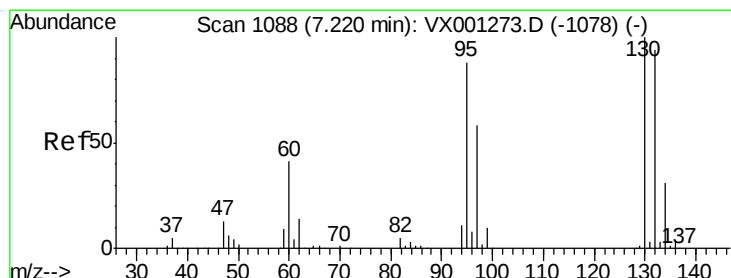
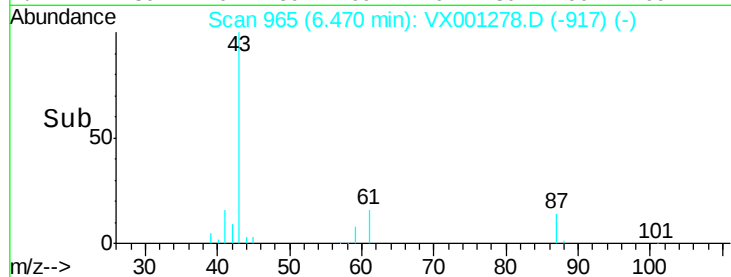
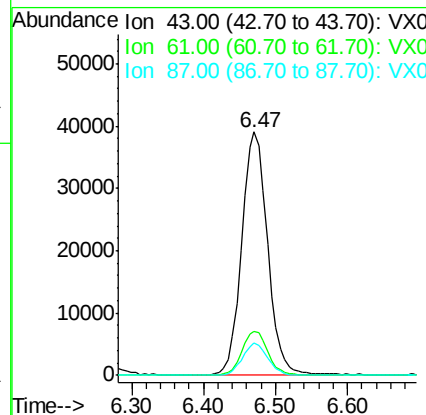
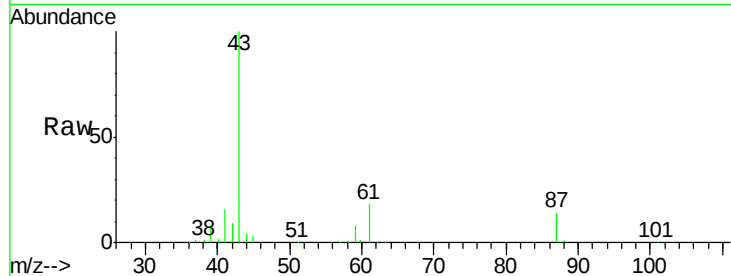
Isopropyl Acetate  
 Concen: 19.13 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. -0.01 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.2  | 15.0  | 22.4  |
| 87      | 13.1  | 10.2  | 15.4  |

Manual Integrations  
 APPROVED

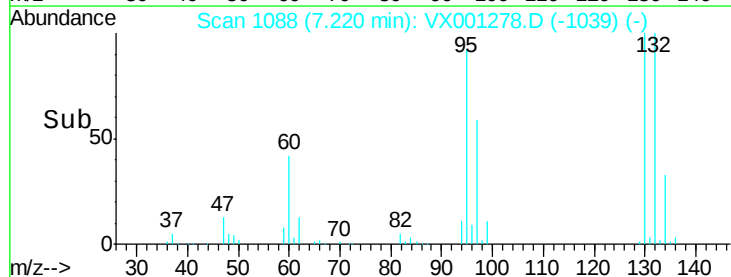
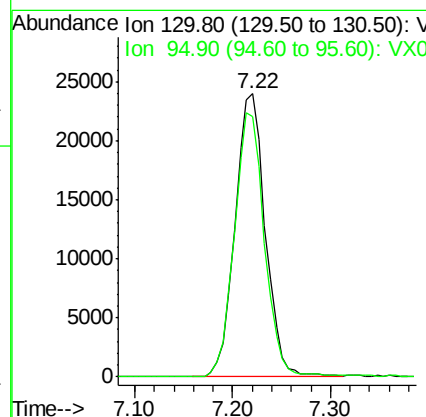
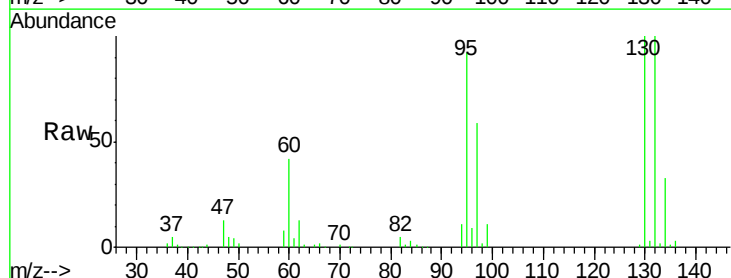
MMDadoda  
 5/2/2018 4:20:55 PM

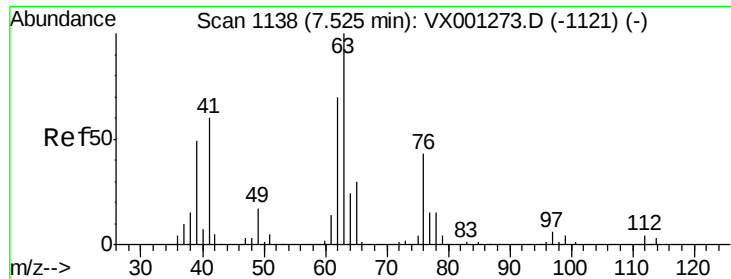


#44

Trichloroethene  
 Concen: 18.84 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.0  | 0.0   | 176.0 |





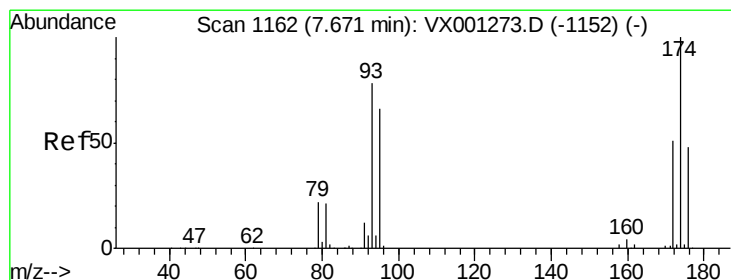
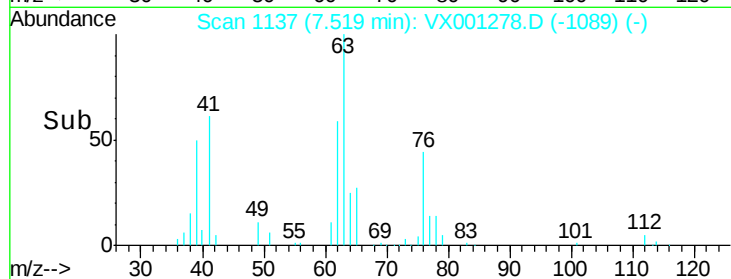
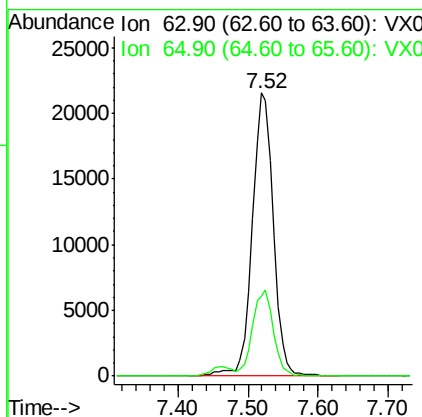
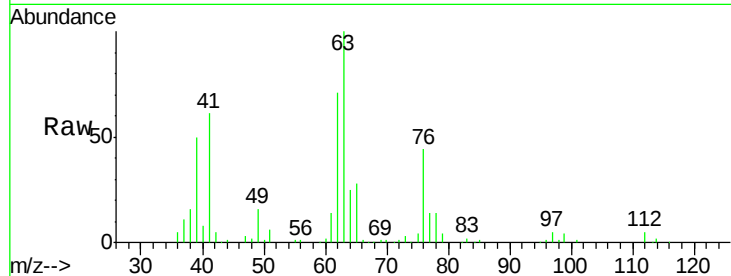
#45  
 1,2-Dichloropropane  
 Concen: 19.62 ug/l  
 RT: 7.52 min Scan# 1137  
 Delta R.T. -0.01 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0501WBS01

Tot Ion: 63 Resp: 44996  
 Ion Ratio Lower Upper  
 63 100  
 65 28.3 24.2 36.4

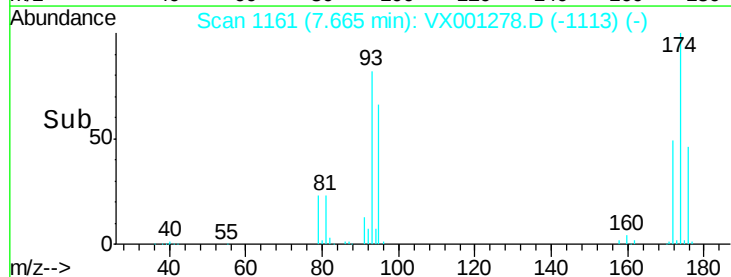
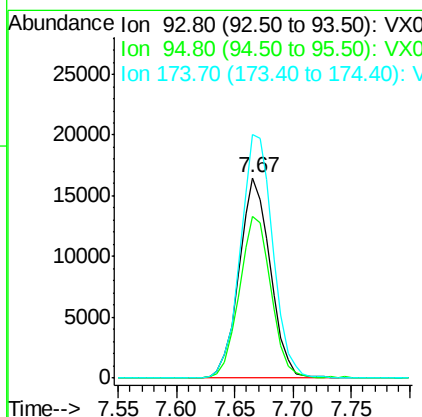
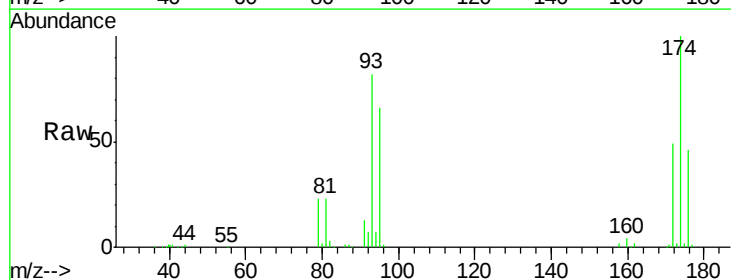
Manual Integrations  
 APPROVED

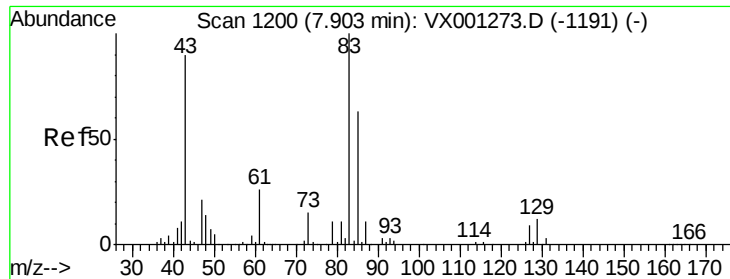
MMDadoda  
 5/2/2018 4:20:55 PM



#46  
 Dibromomethane  
 Concen: 19.14 ug/l  
 RT: 7.67 min Scan# 1161  
 Delta R.T. -0.01 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

Tgt Ion: 93 Resp: 30777  
 Ion Ratio Lower Upper  
 93 100  
 95 82.3 67.0 100.6  
 174 126.0 102.3 153.5





#47

Bromodichloromethane

Concen: 19.17 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

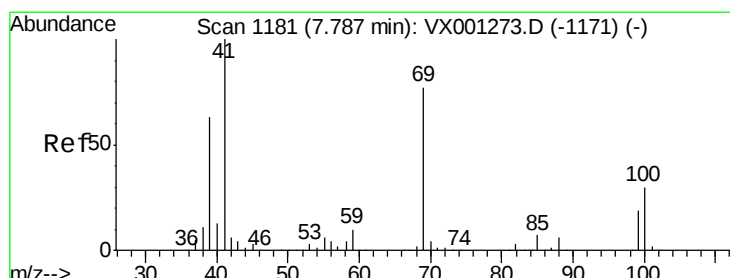
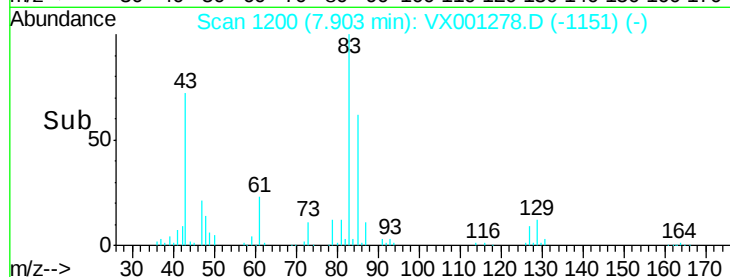
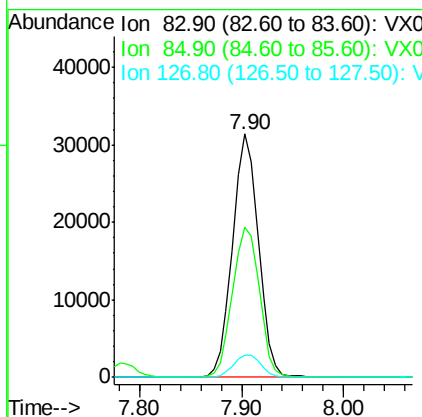
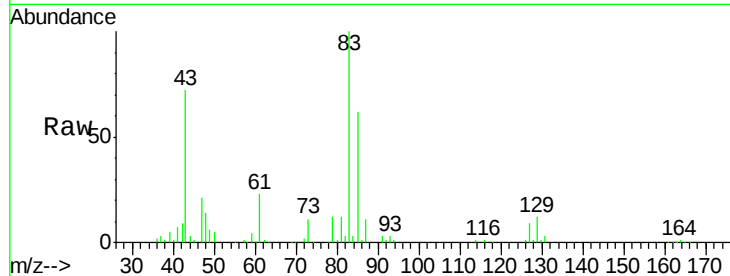
ClientSampleId :

VX0501WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 55111 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.9  | 50.3  | 75.5  |
| 127      | 9.0   | 7.4   | 11.2  |

Manual Integrations  
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MMDadoda  
5/2/2018 4:20:55 PM



#48

Methyl methacrylate

Concen: 18.71 ug/l

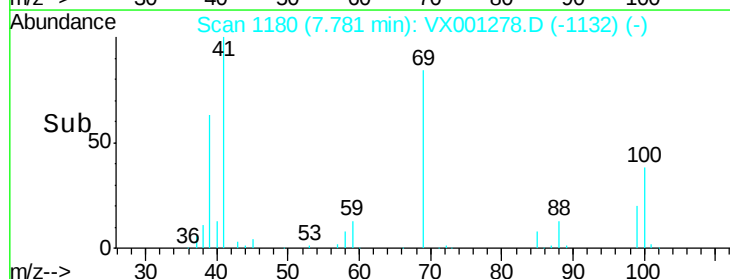
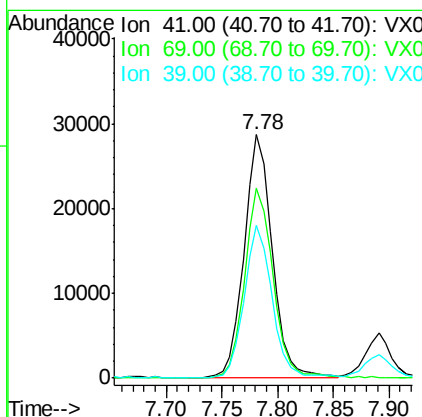
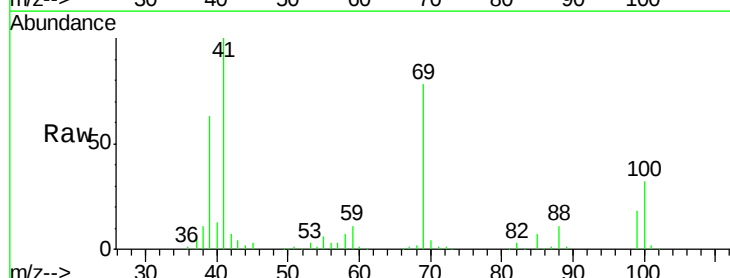
RT: 7.78 min Scan# 1180

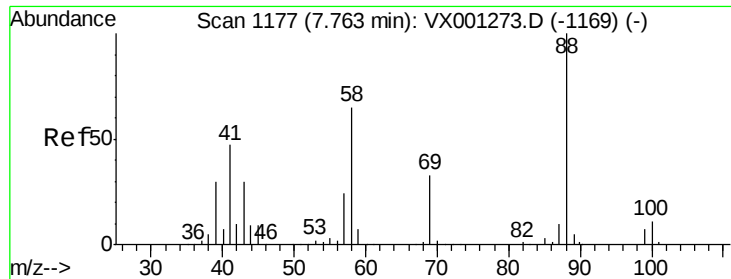
Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 50491 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 79.4  | 63.0  | 94.6  |
| 39       | 61.7  | 50.2  | 75.4  |





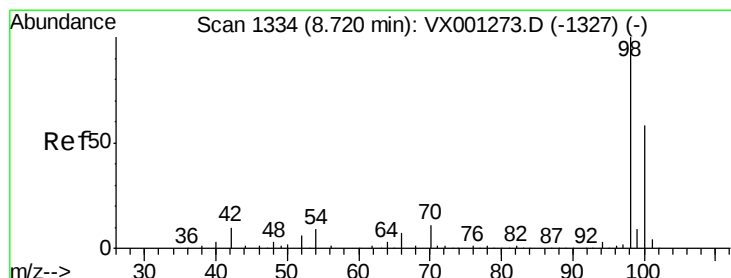
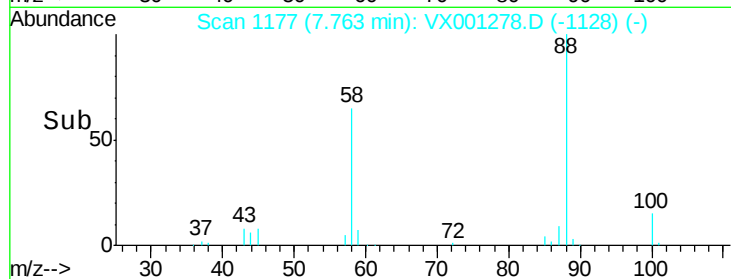
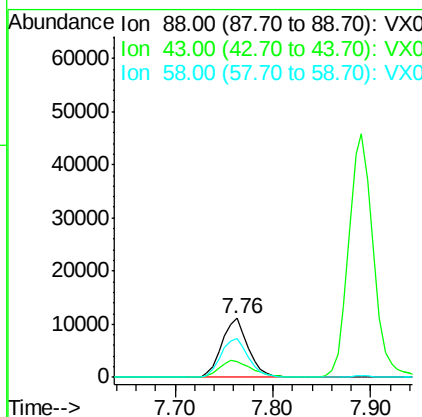
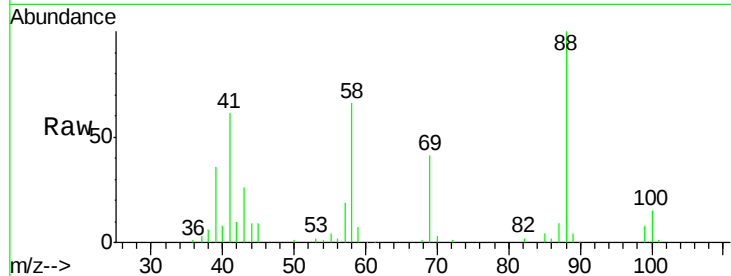
#49  
1,4-Dioxane  
Concen: 409.05 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.5  | 27.9  | 41.9  |
| 58      | 69.8  | 54.2  | 81.2  |

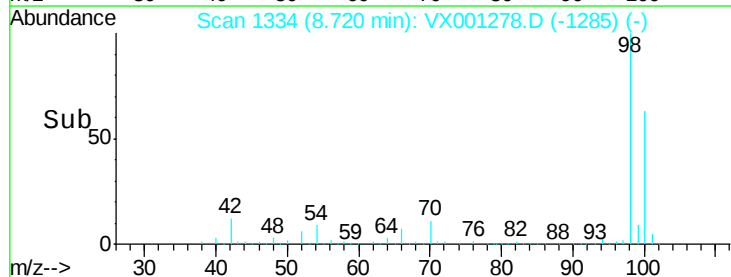
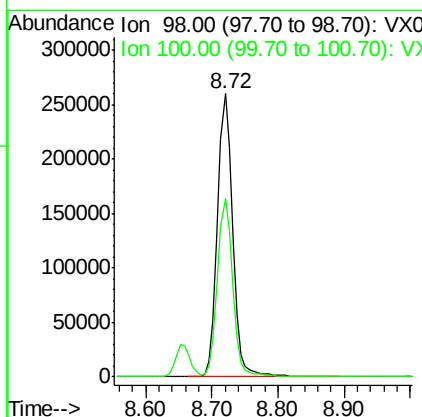
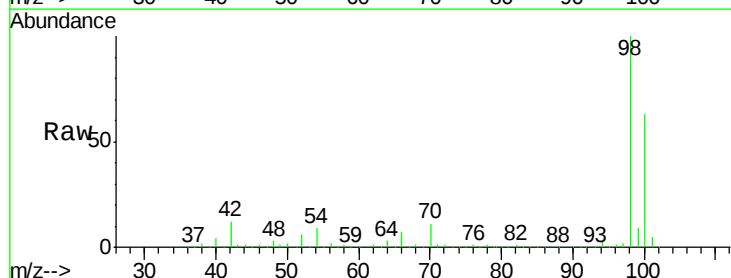
Manual Integrations  
APPROVED

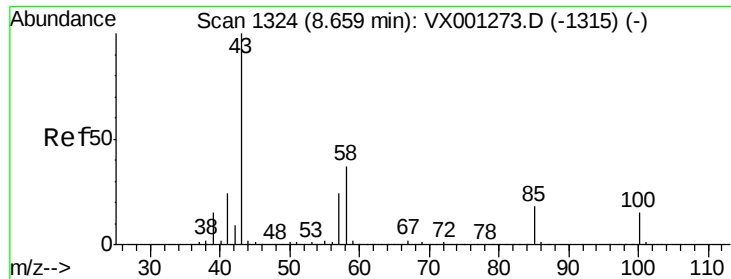
MMDadoda  
5/2/2018 4:20:55 PM



#50  
Toluene-d8  
Concen: 49.91 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.5  | 51.0  | 76.4  |





#51

4-Methyl-2-Pentanone

Concen: 96.69 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBS01

Tot Ion: 43 Resp: 316416

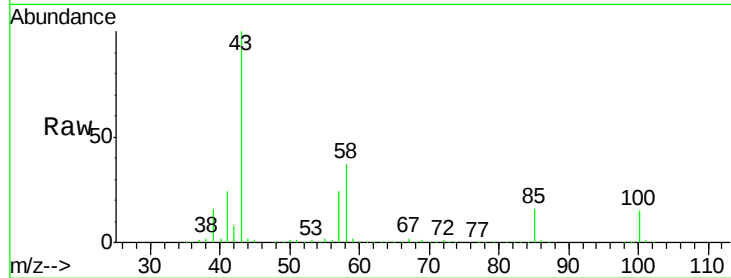
Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.6

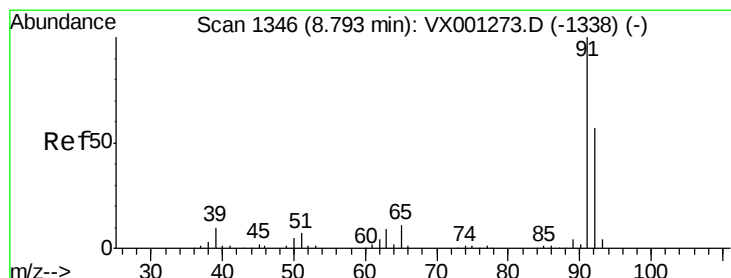
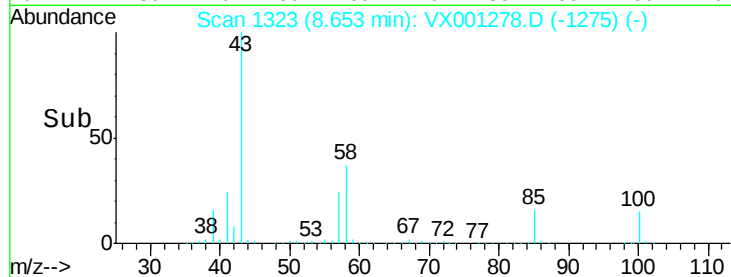
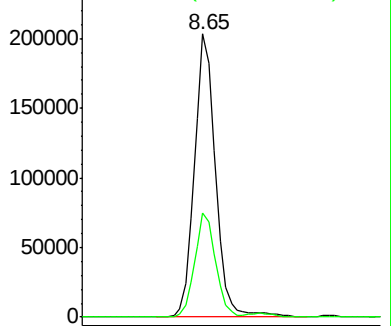
Manual Integrations  
APPROVED

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5/2/2018 4:20:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.29 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001278.D

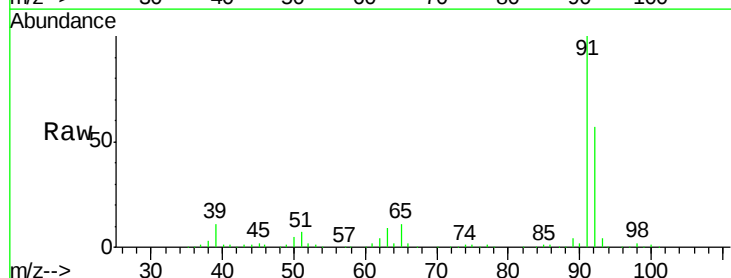
Acq: 01 May 2018 14:59

Tgt Ion: 92 Resp: 112605

Ion Ratio Lower Upper

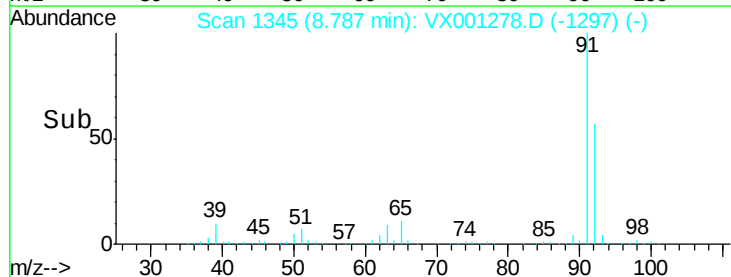
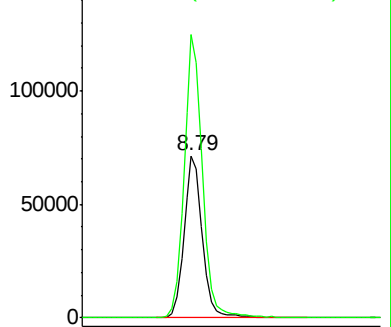
92 100

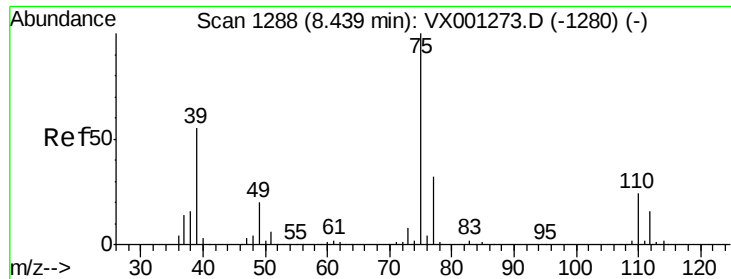
91 174.9 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





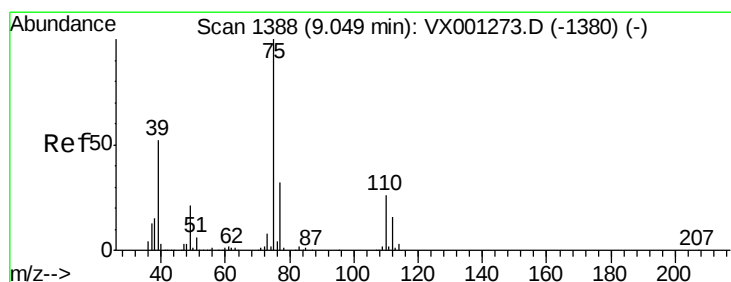
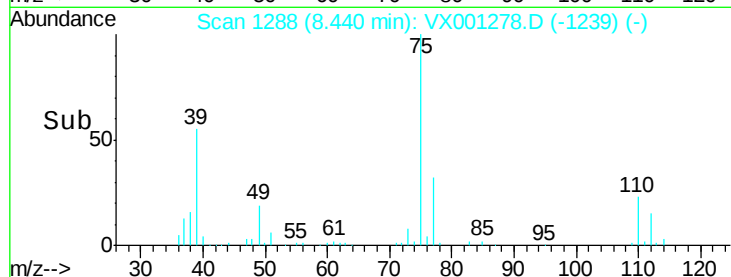
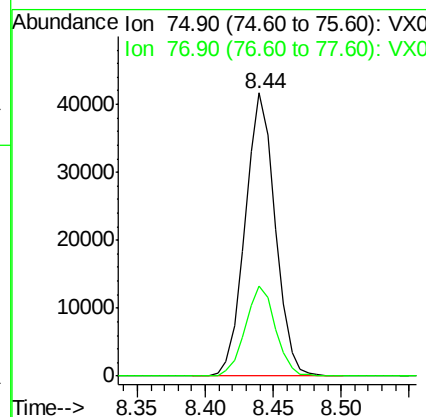
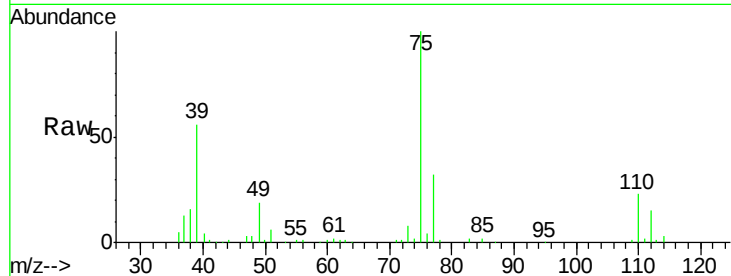
#53  
t-1,3-Dichloropropene  
Concen: 18.83 ug/l  
RT: 8.44 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBS01

Tot Ion: 75 Resp: 64374  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.6 38.4

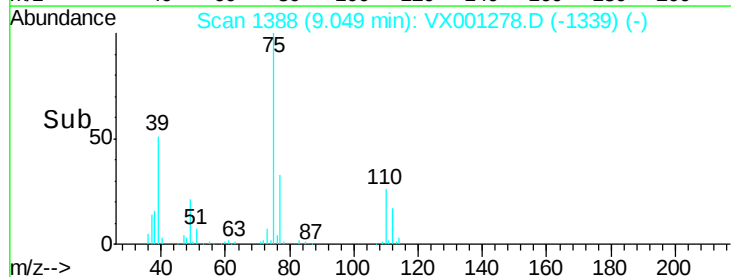
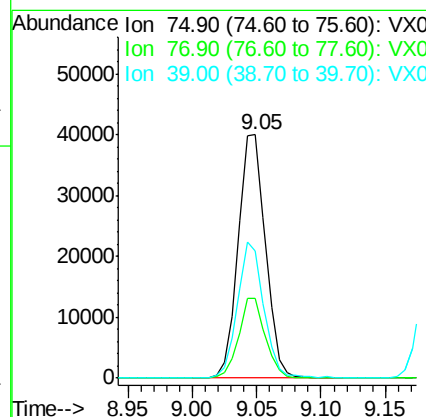
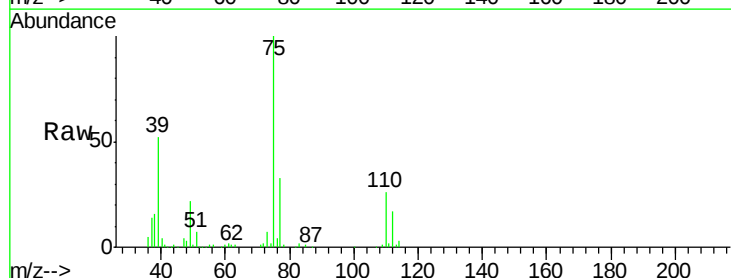
Manual Integrations  
APPROVED

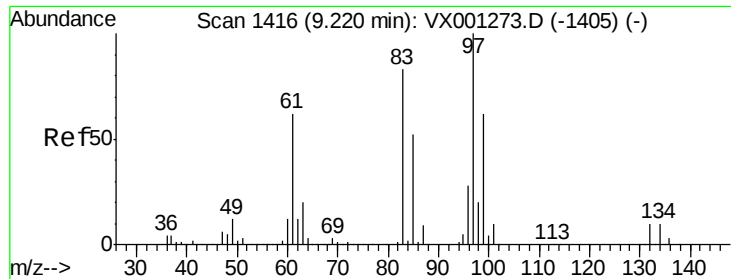
MMDadoda  
5/2/2018 4:20:55 PM



#54  
cis-1,3-Dichloropropene  
Concen: 18.87 ug/l  
RT: 9.05 min Scan# 1388  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Tgt Ion: 75 Resp: 59339  
Ion Ratio Lower Upper  
75 100  
77 33.0 25.5 38.3  
39 52.1 41.9 62.9





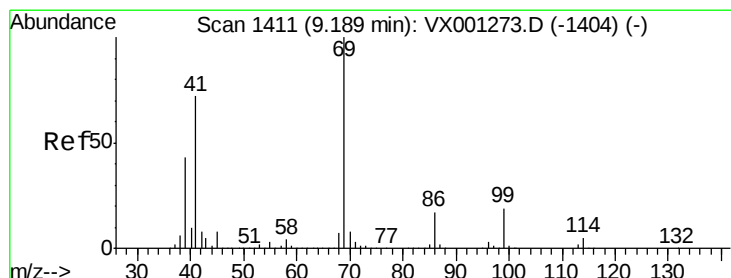
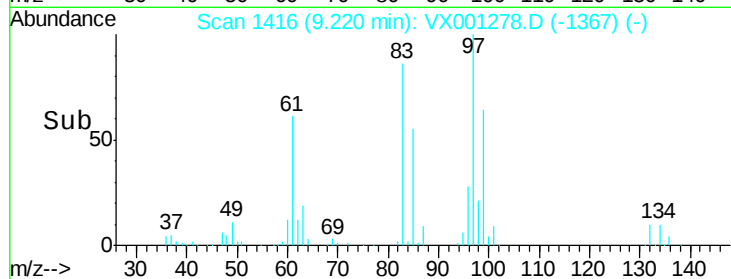
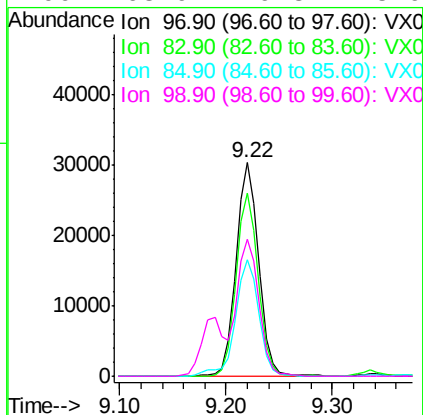
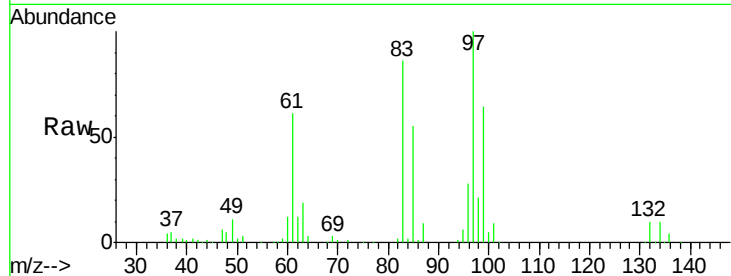
#55  
 1,1,2-Trichloroethane  
 Concen: 19.13 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 45121 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.6  | 66.4  | 99.6  |
| 85       | 54.8  | 41.6  | 62.4  |
| 99       | 63.9  | 49.3  | 73.9  |

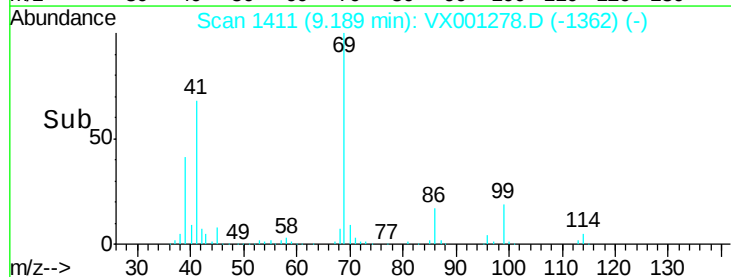
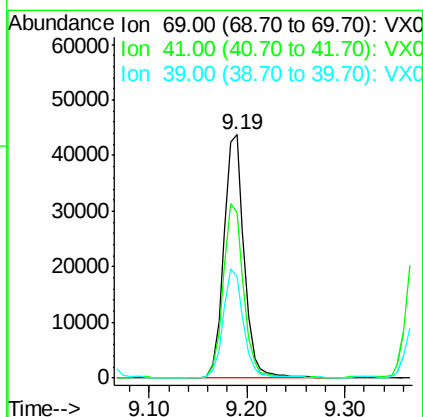
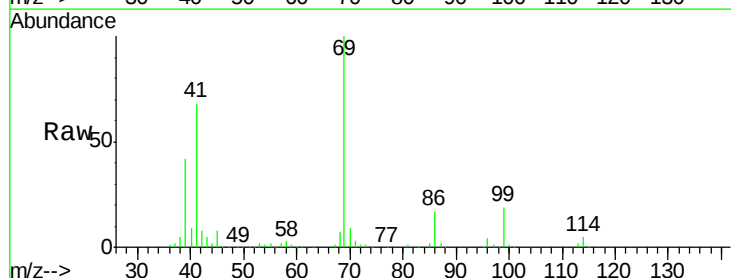
Manual Integrations  
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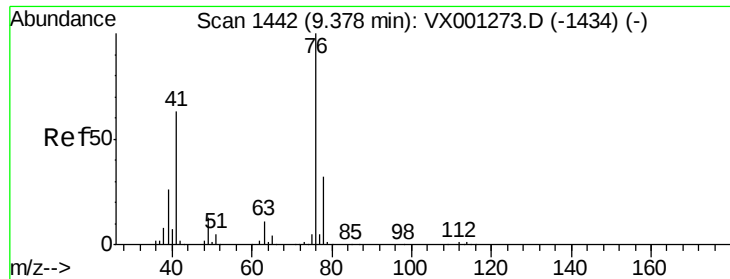
MMDadoda  
 5/2/2018 4:20:55 PM



#56  
 Ethyl methacrylate  
 Concen: 19.35 ug/l  
 RT: 9.19 min Scan# 1411  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 63223 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 71.3  | 57.2  | 85.8  |
| 39       | 43.8  | 34.3  | 51.5  |





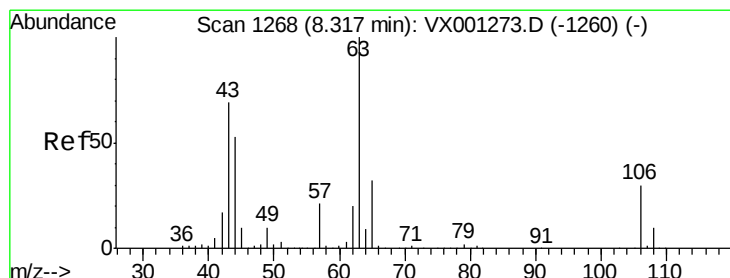
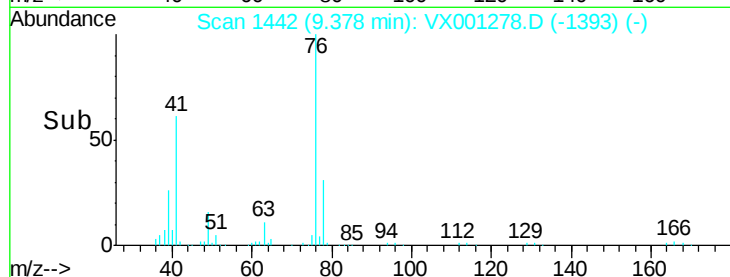
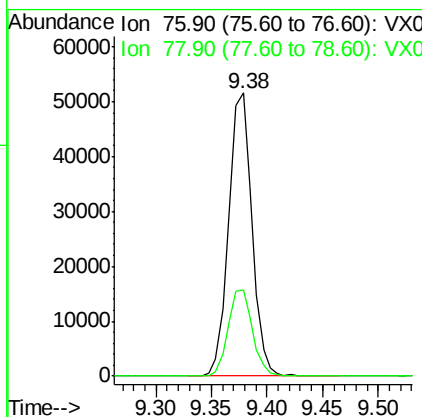
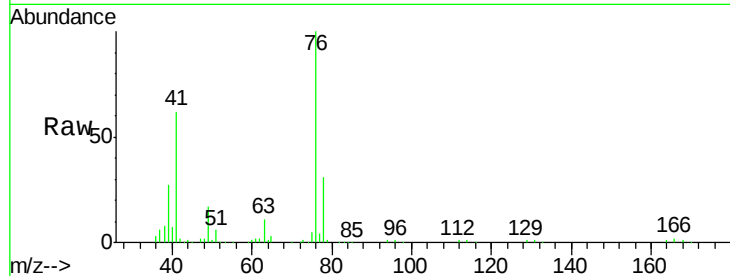
#57  
 1,3-Dichloropropane  
 Concen: 19.74 ug/l  
 RT: 9.38 min Scan# 1442  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBS01

Tot Ion: 76 Resp: 74895  
 Ion Ratio Lower Upper  
 76 100  
 78 31.8 25.6 38.4

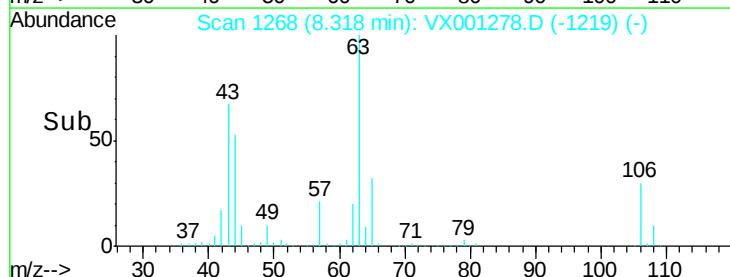
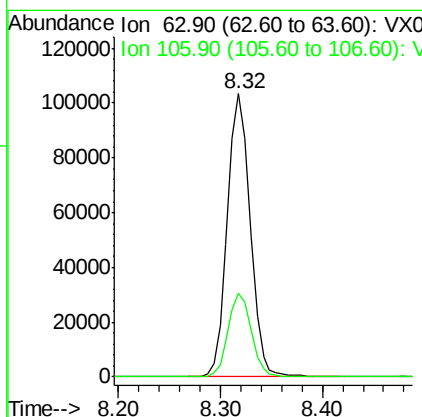
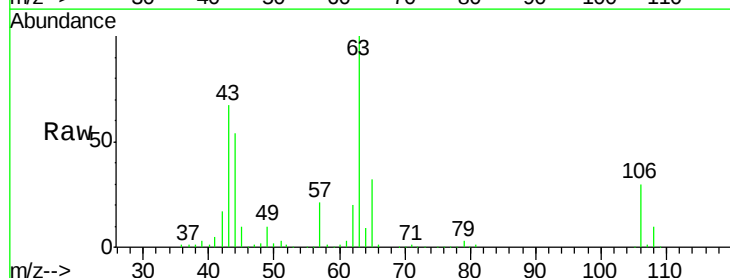
Manual Integrations  
 APPROVED

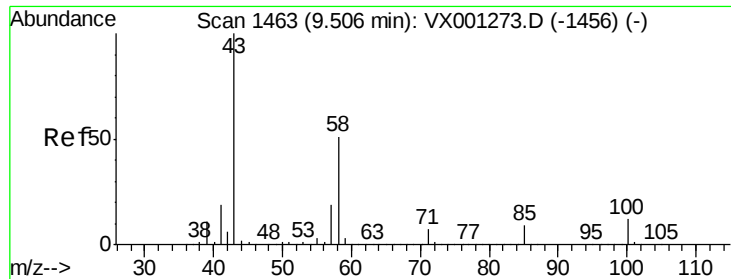
MMDadoda  
 5/2/2018 4:20:55 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 101.98 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

Tgt Ion: 63 Resp: 160792  
 Ion Ratio Lower Upper  
 63 100  
 106 30.0 23.8 35.6





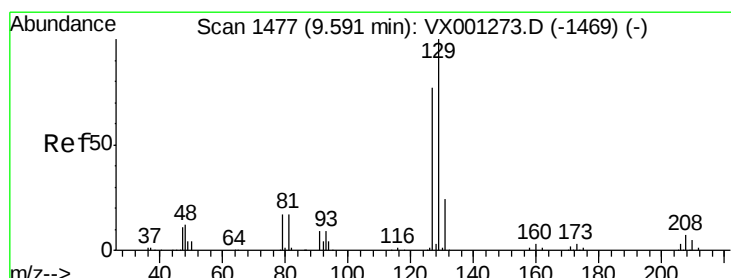
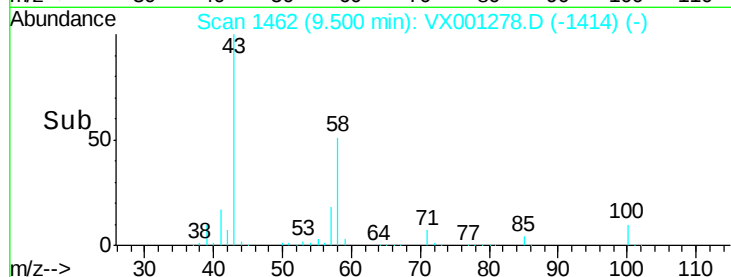
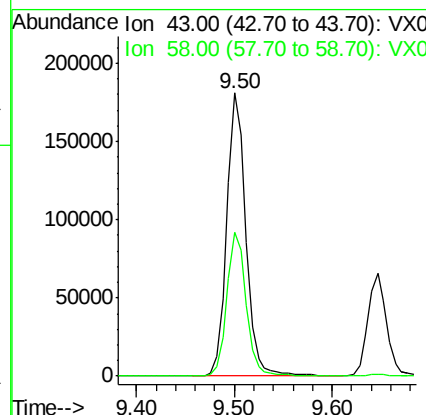
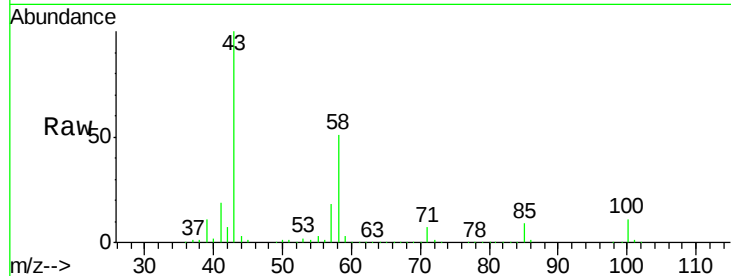
#59  
2-Hexanone  
Concen: 95.96 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.01 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBS01

Tot Ion: 43 Resp: 245428  
Ion Ratio Lower Upper  
43 100  
58 51.3 25.7 77.0

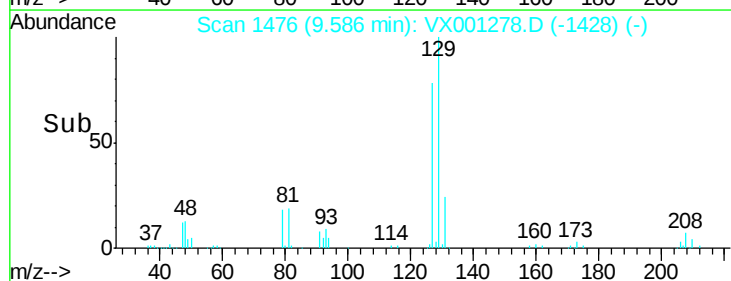
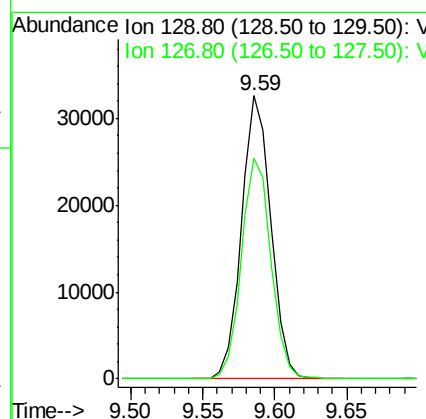
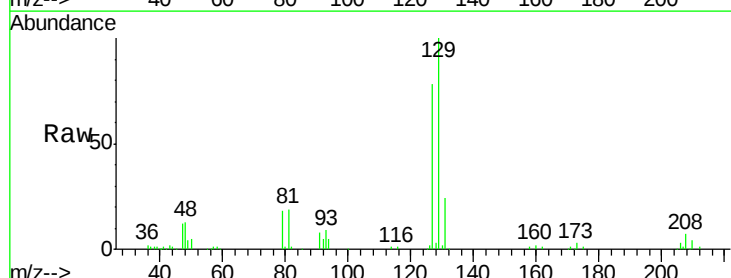
Manual Integrations  
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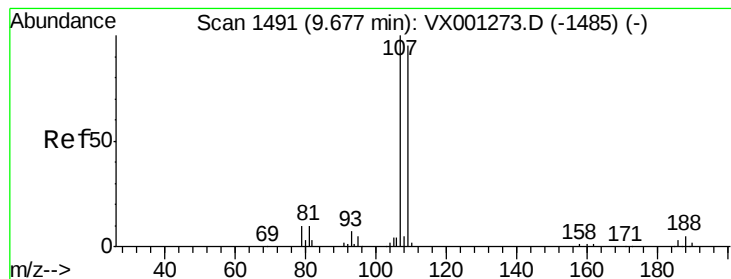
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 18.73 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.01 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Tgt Ion: 129 Resp: 46079  
Ion Ratio Lower Upper  
129 100  
127 78.5 39.1 117.3





#61

1,2-Dibromoethane

Concen: 19.08 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBS01

Tot Ion:107 Resp: 47697

Ion Ratio Lower Upper

107 100

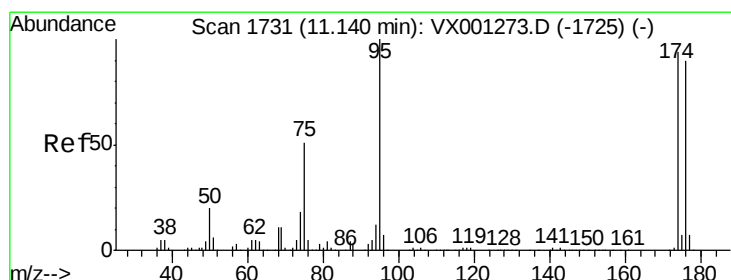
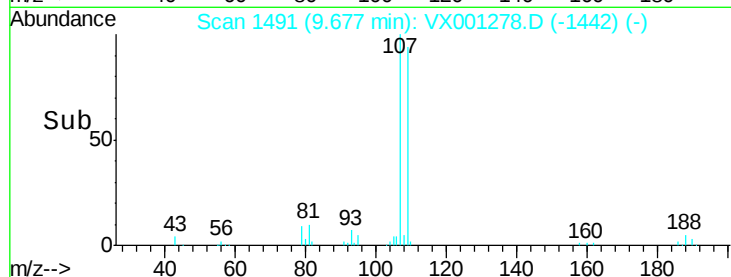
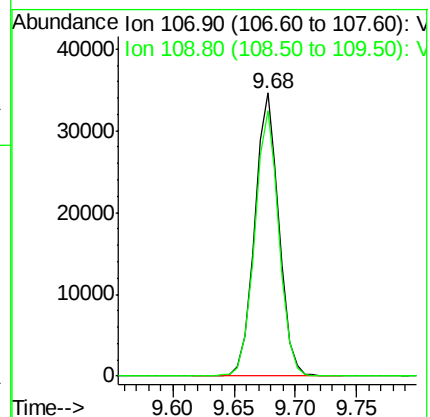
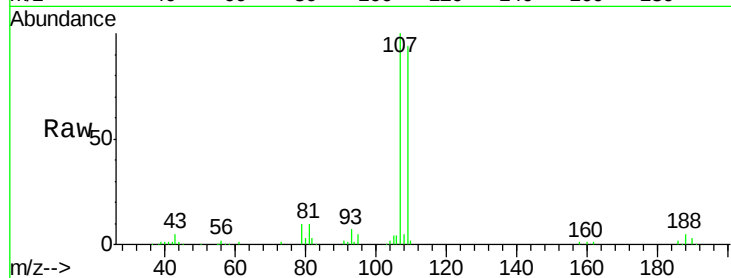
109 94.2 75.4 113.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 47.37 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

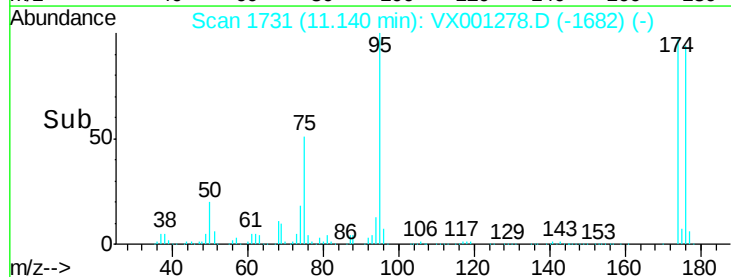
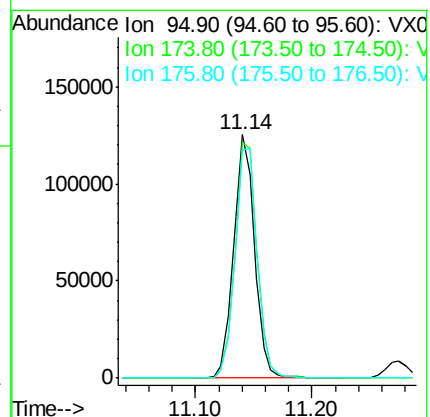
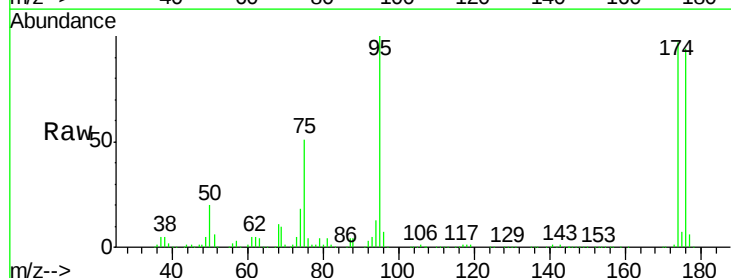
Tgt Ion: 95 Resp: 156871

Ion Ratio Lower Upper

95 100

174 102.2 0.0 201.8

176 100.2 0.0 197.2





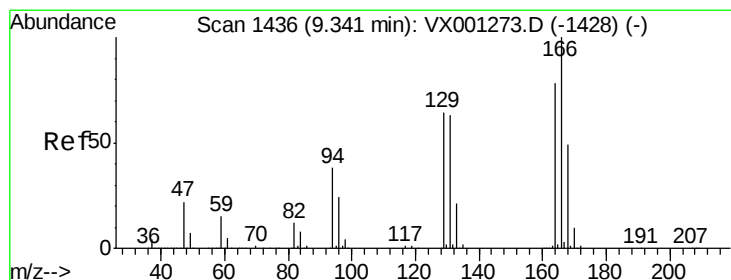
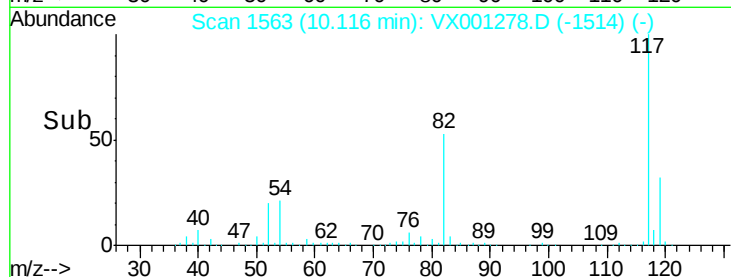
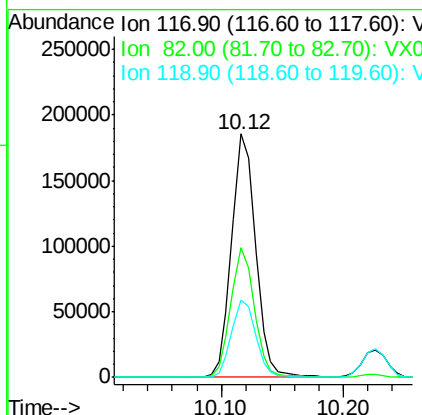
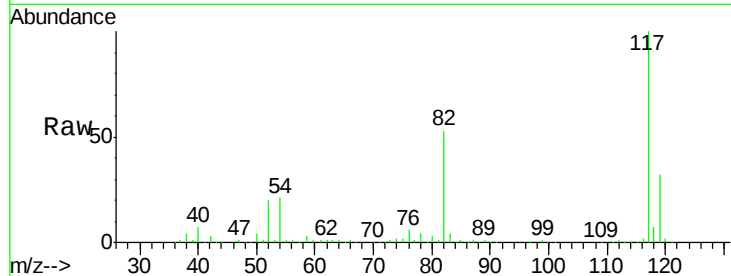
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0501WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.0  | 41.4  | 62.0  |
| 119     | 31.6  | 25.5  | 38.3  |

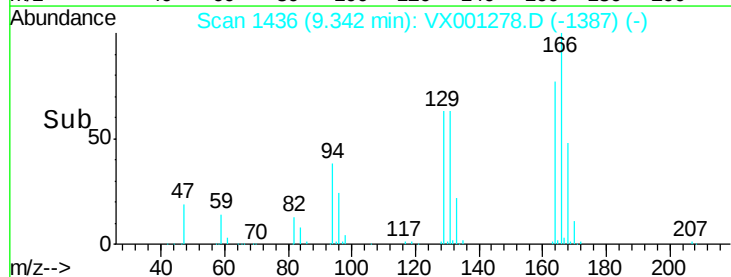
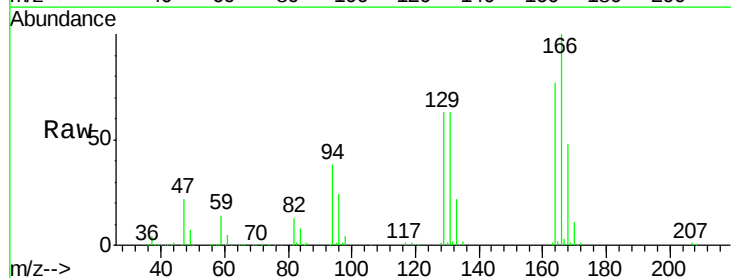
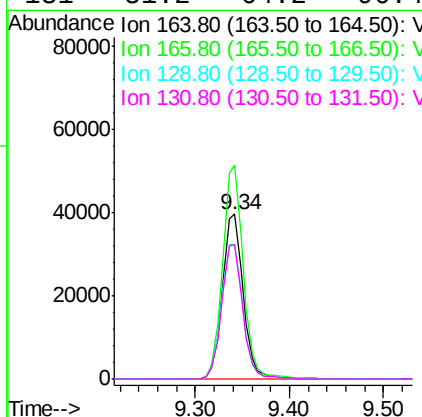
Manual Integrations  
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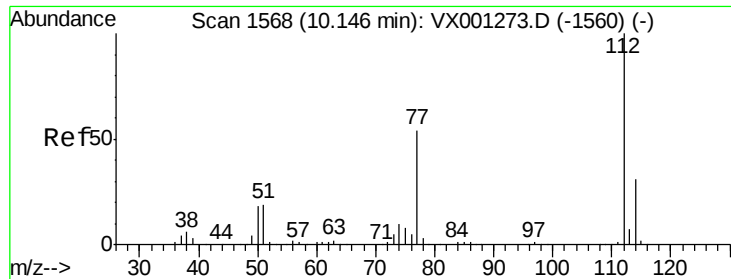
MMDadoda  
5/2/2018 4:20:55 PM



#64  
Tetrachloroethene  
Concen: 20.32 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.4 | 102.3 | 153.5 |
| 129     | 81.3  | 65.1  | 97.7  |
| 131     | 81.2  | 64.2  | 96.4  |





#65

Chlorobenzene

Concen: 19.19 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampled :

VX0501WBS01

Tot Ion:112 Resp: 132133

Ion Ratio Lower Upper

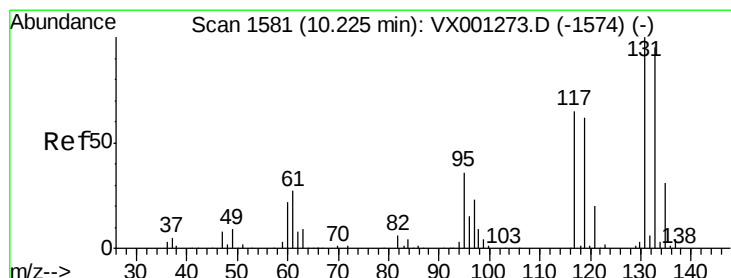
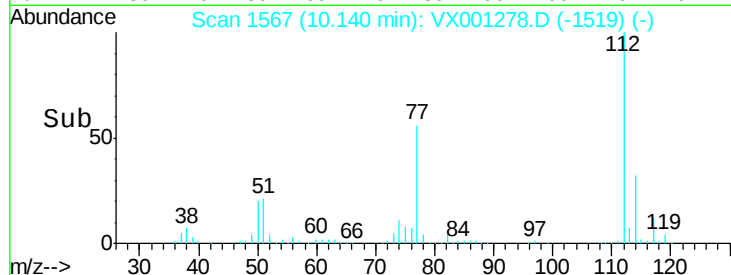
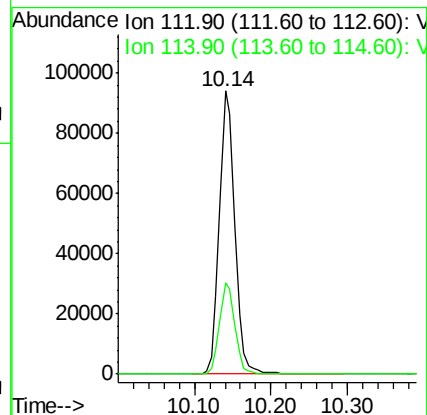
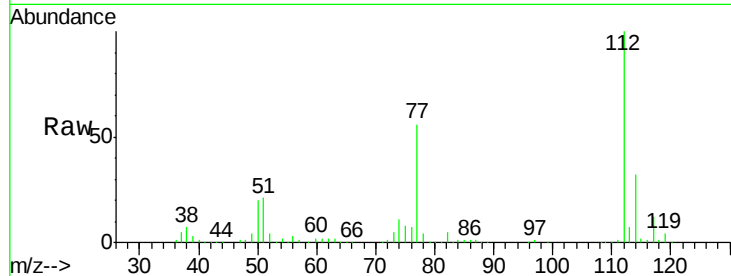
112 100

114 32.3 24.8 37.2

Manual Integrations  
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.29 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

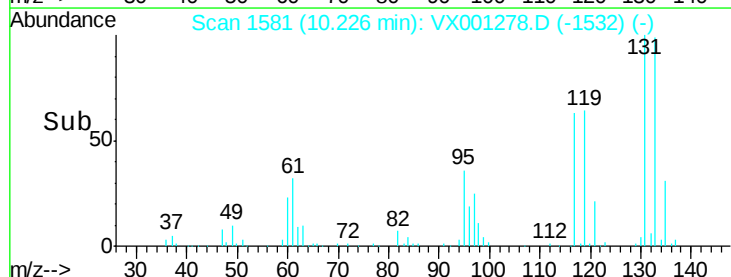
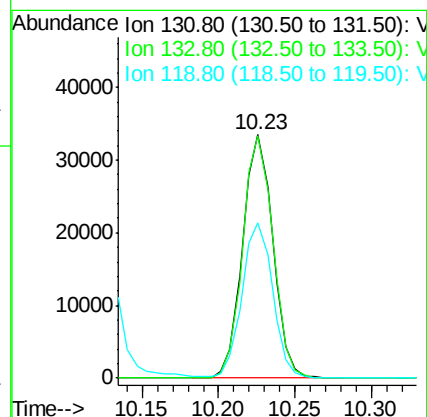
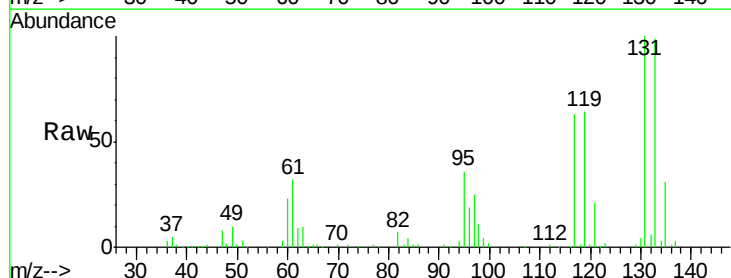
Tgt Ion:131 Resp: 46123

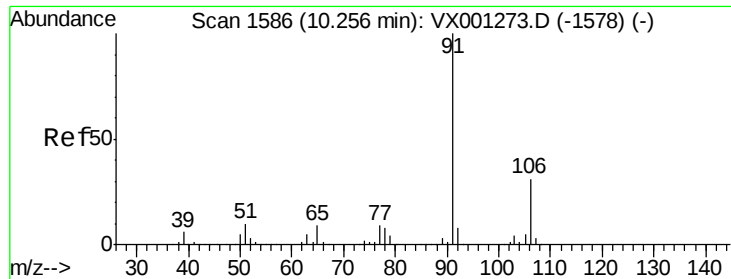
Ion Ratio Lower Upper

131 100

133 99.3 48.3 144.9

119 64.4 31.2 93.6





#67

Ethyl Benzene

Concen: 19.39 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBS01

Tot Ion: 91 Resp: 219977

Ion Ratio Lower Upper

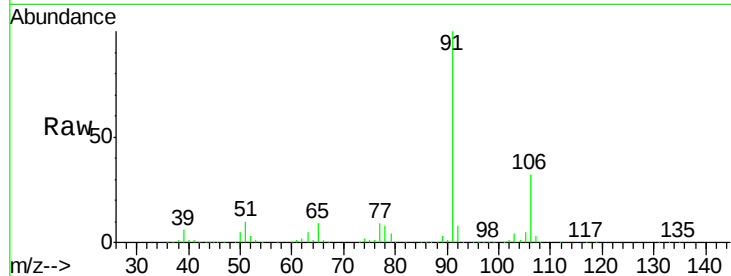
91 100

106 31.5 24.9 37.3

Manual Integrations  
APPROVED

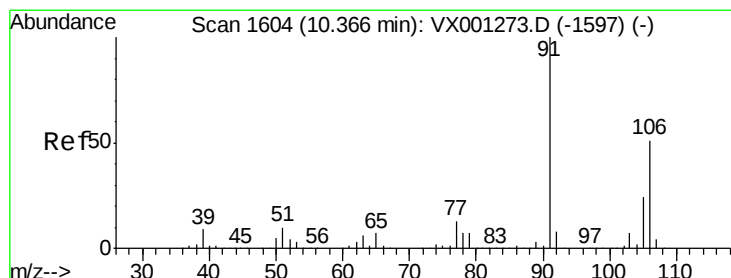
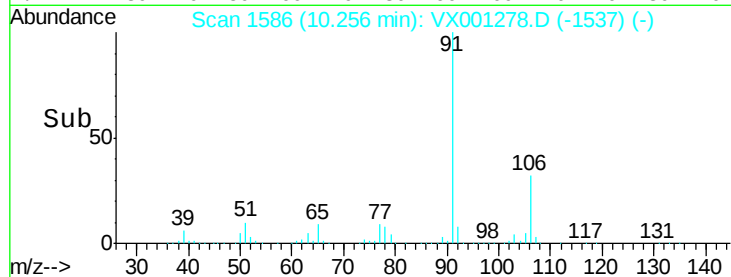
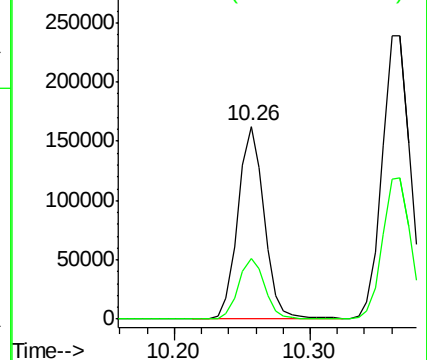
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.66 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001278.D

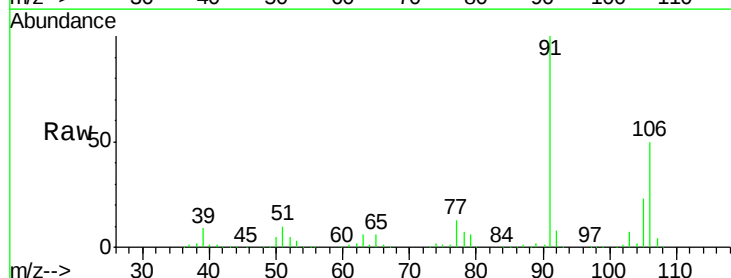
Acq: 01 May 2018 14:59

Tgt Ion: 106 Resp: 172640

Ion Ratio Lower Upper

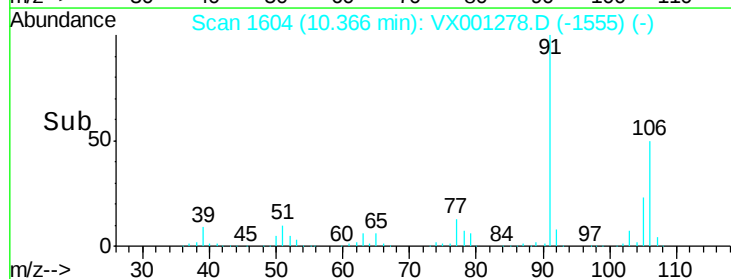
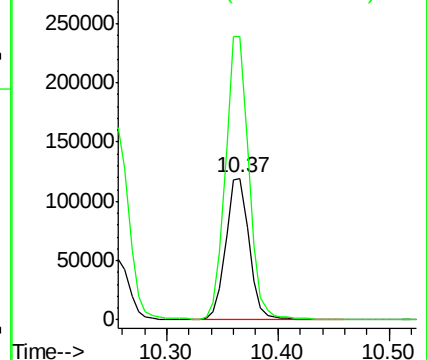
106 100

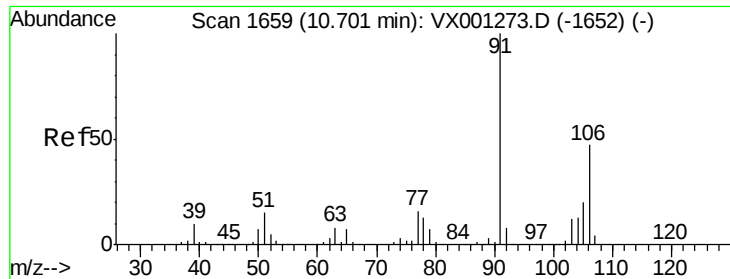
91 202.1 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





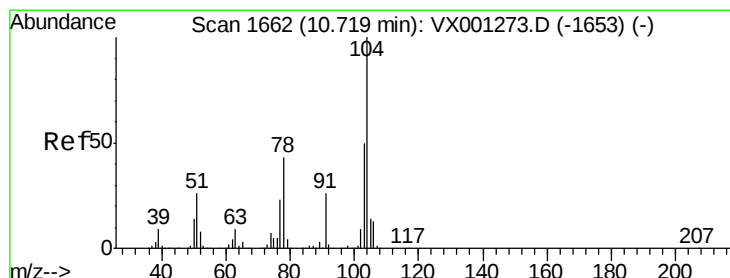
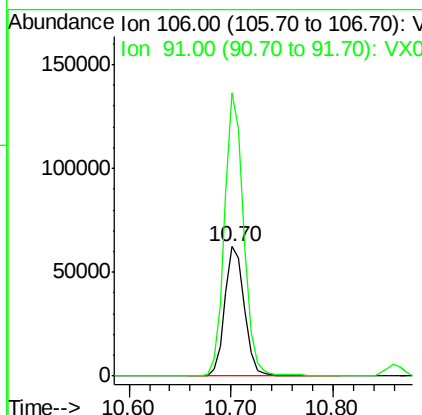
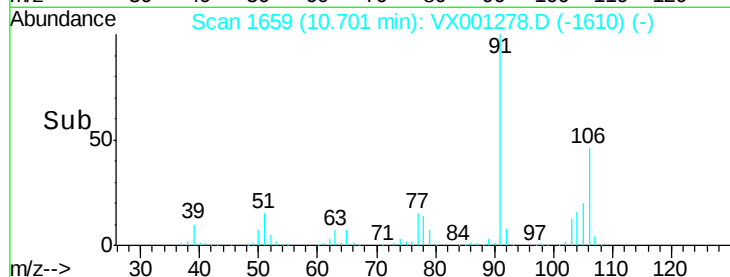
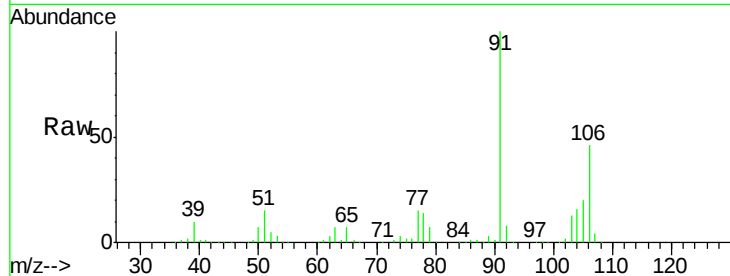
#69  
o-Xylene  
Concen: 19.29 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0501WBS01

Tot Ion:106 Resp: 83532  
Ion Ratio Lower Upper  
106 100  
91 213.0 106.3 319.0

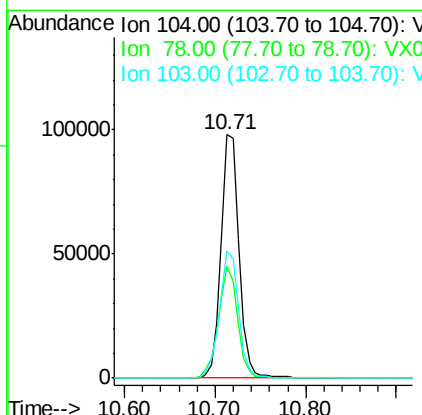
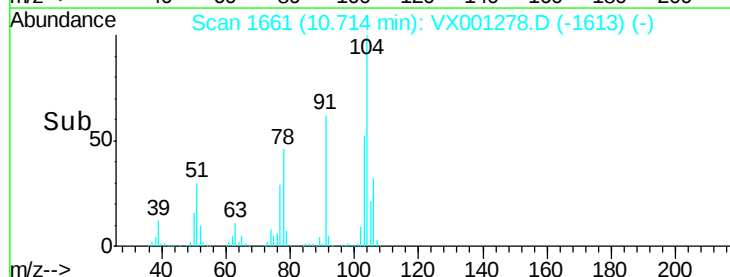
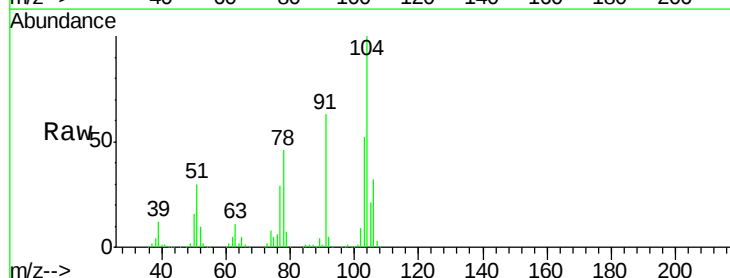
Manual Integrations  
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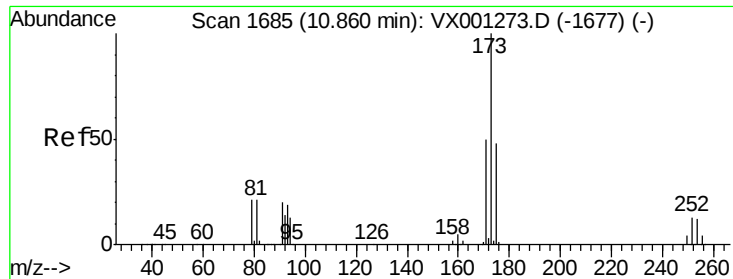
MMDadoda  
5/2/2018 4:20:55 PM



#70  
Styrene  
Concen: 19.33 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. -0.01 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Tgt Ion:104 Resp: 136935  
Ion Ratio Lower Upper  
104 100  
78 49.0 40.1 60.1  
103 55.6 44.5 66.7





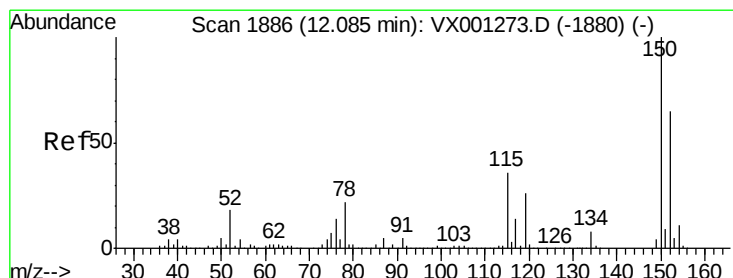
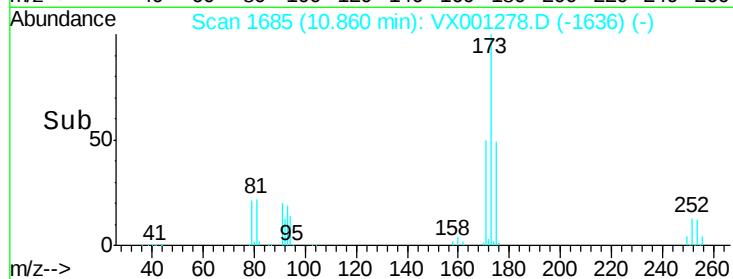
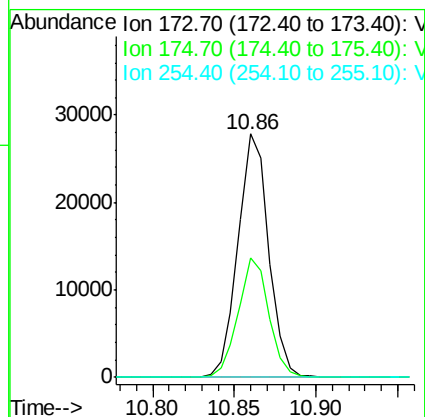
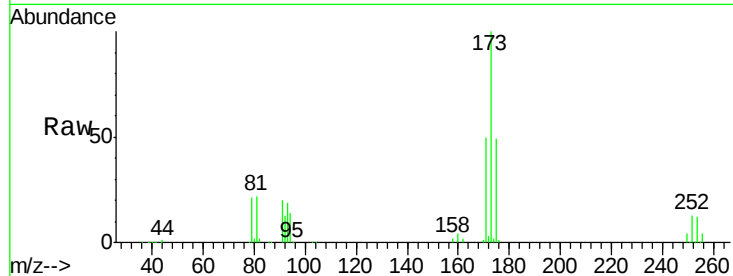
#71  
Bromoform  
Concen: 18.46 ug/l  
RT: 10.86 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.1  | 24.6  | 74.0  |
| 254     | 0.1   | 0.2   | 0.2#  |

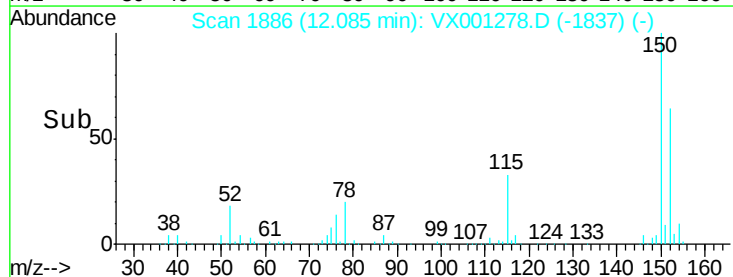
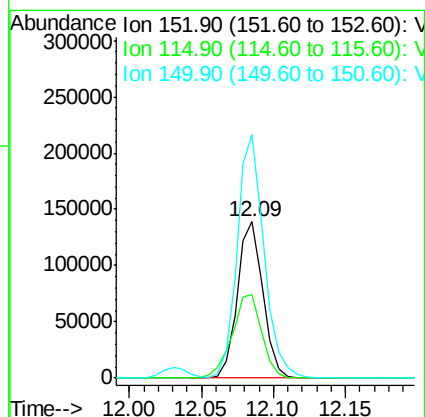
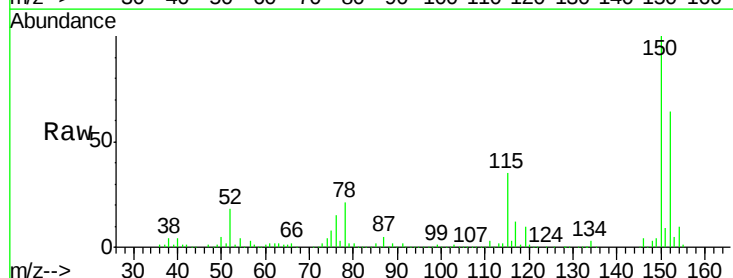
Manual Integrations  
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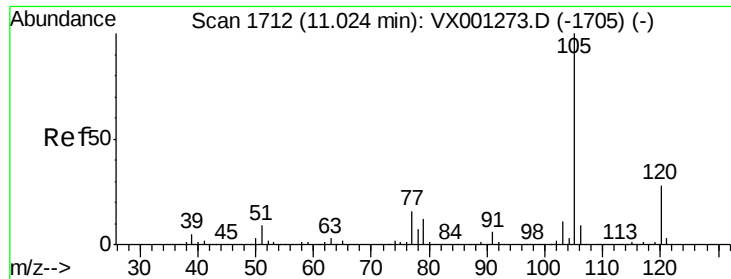
MMDadoda  
5/2/2018 4:20:55 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.4  | 38.6  | 115.7 |
| 150     | 163.3 | 0.0   | 349.2 |





#73

Isopropylbenzene

Concen: 19.94 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBS01

Tot Ion:105 Resp: 229091

Ion Ratio Lower Upper

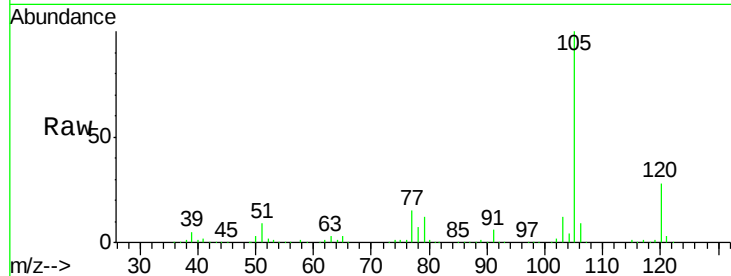
105 100

120 27.3 13.7 41.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

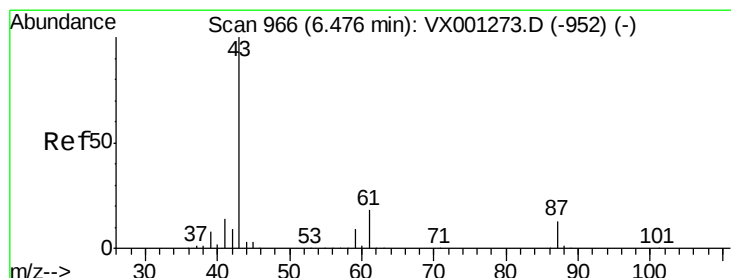
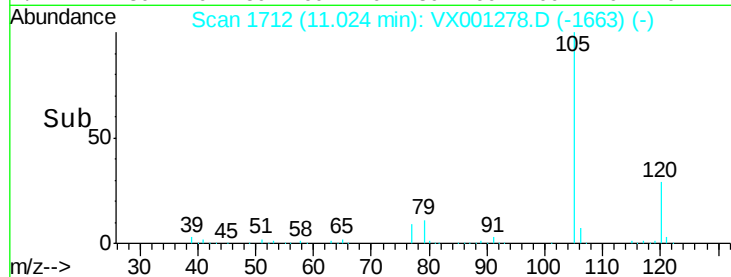
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.70 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Tgt Ion: 43 Resp: 97083

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.2 15.0 22.4

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

60000

50000

40000

30000

20000

10000

0

6.47

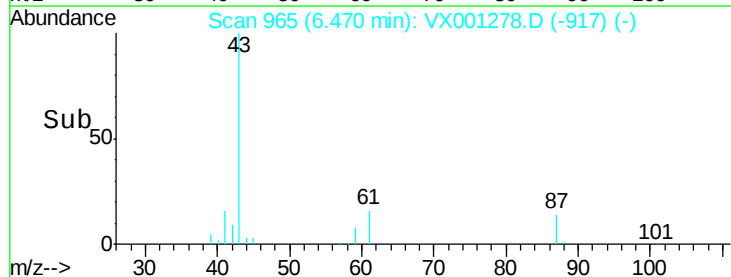
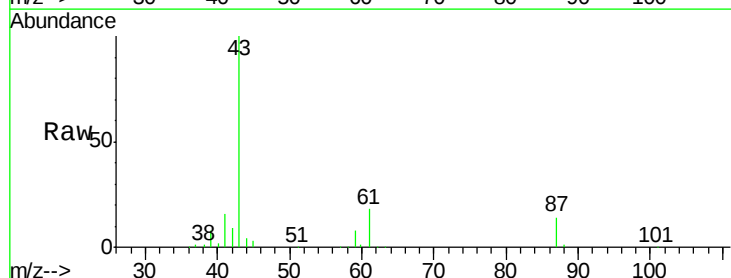
6.30

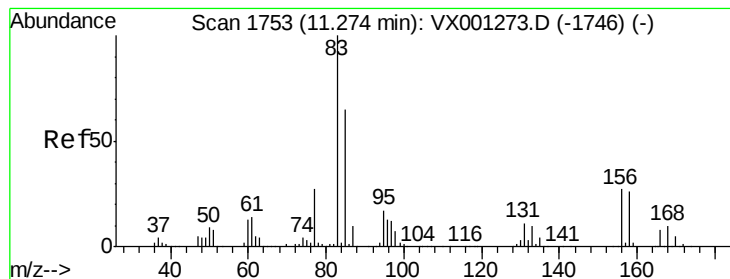
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.20 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

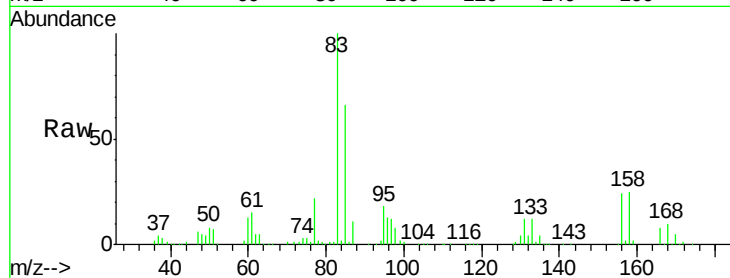
ClientSampleId :

VX0501WBS01

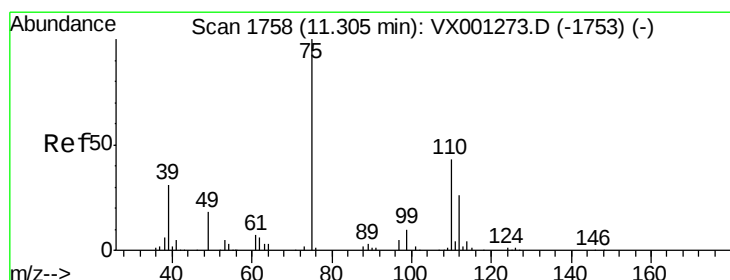
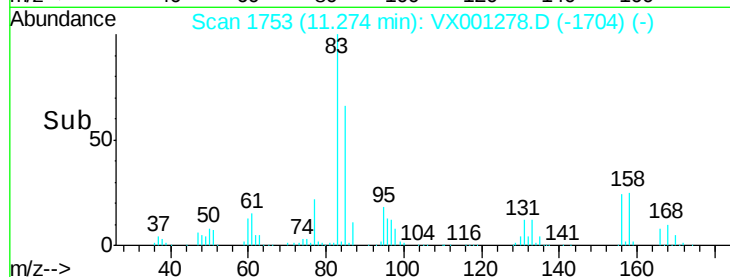
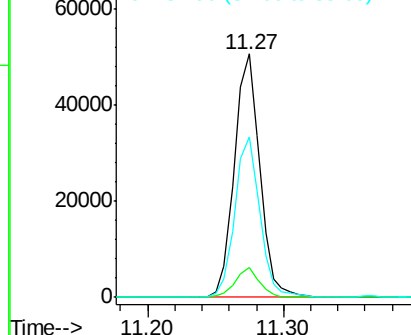
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 66081 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.8  | 5.8   | 17.3  |
| 85        | 65.0  | 32.6  | 97.7  |

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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.78 ug/l m

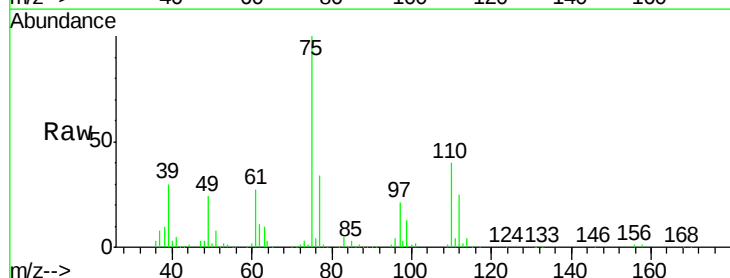
RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

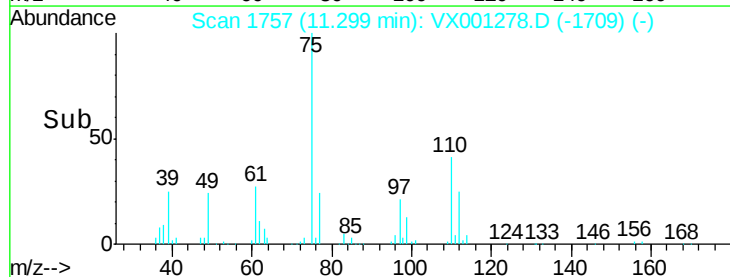
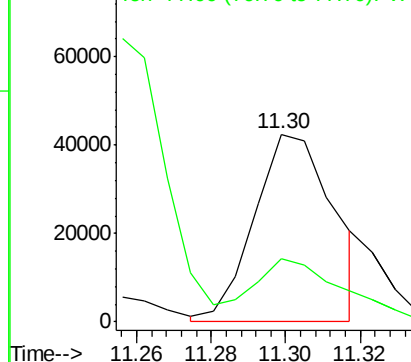
Lab File: VX001278.D

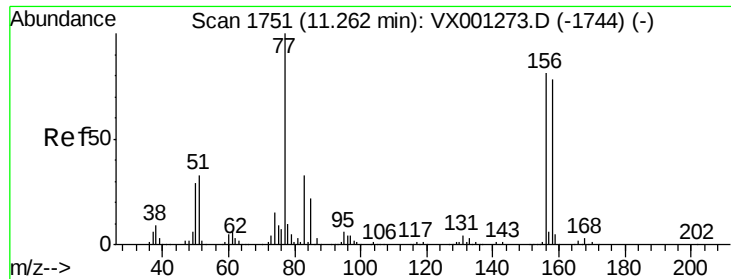
Acq: 01 May 2018 14:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 62807 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 38.4  | 18.9  | 56.5  |



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.64 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBS01

Tot Ion:156 Resp: 65083

Ion Ratio Lower Upper

156 100

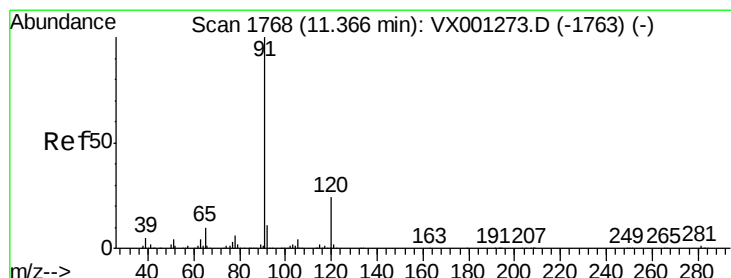
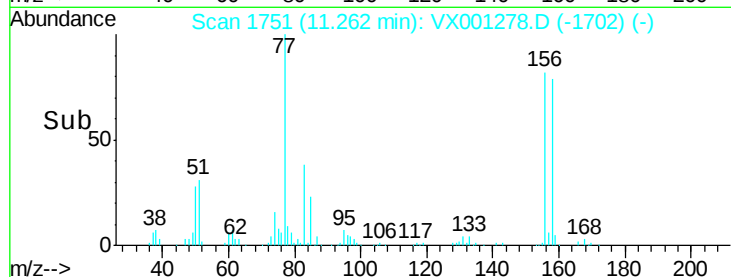
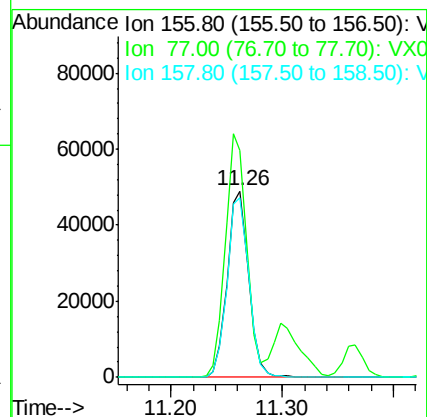
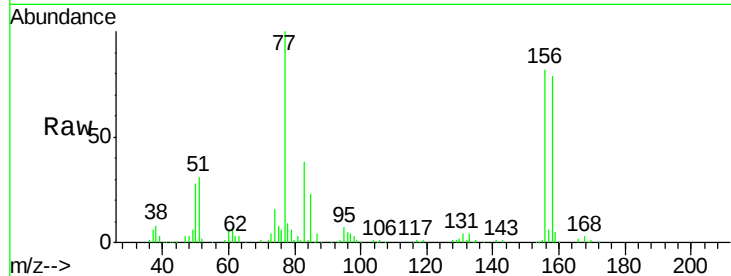
77 129.7 65.3 195.8

158 98.6 48.5 145.5

Manual Integrations  
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#78

n-propylbenzene

Concen: 20.28 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001278.D

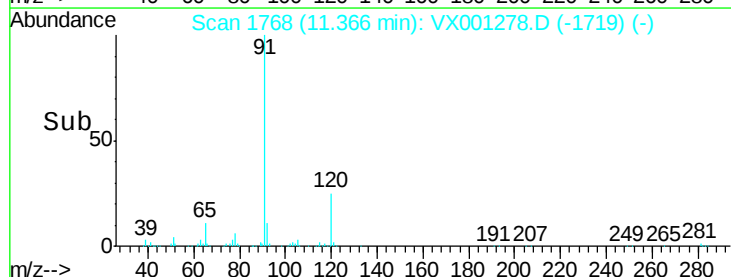
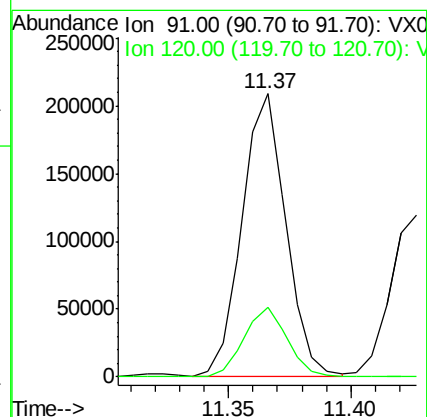
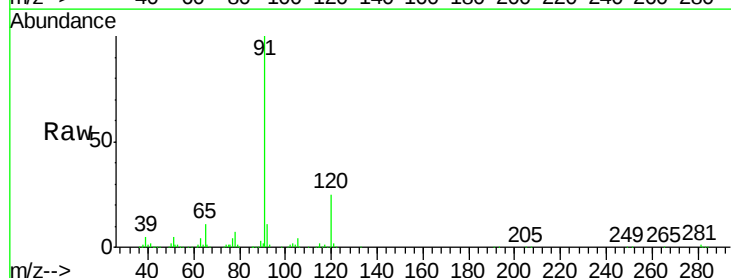
Acq: 01 May 2018 14:59

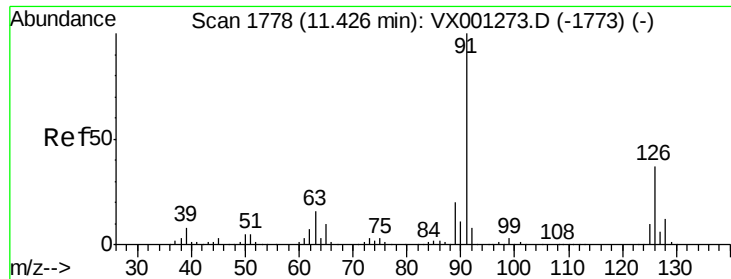
Tgt Ion: 91 Resp: 258851

Ion Ratio Lower Upper

91 100

120 24.8 12.3 36.8





#79

2-Chlorotoluene

Concen: 19.85 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

ClientSampled :

VX0501WBS01

Tot Ion: 91 Resp: 152896

Ion Ratio Lower Upper

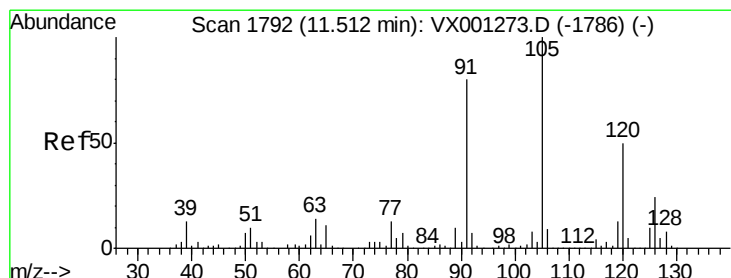
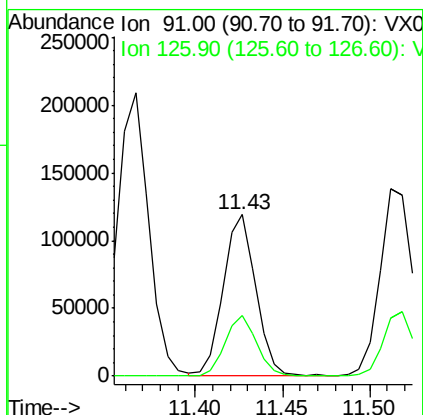
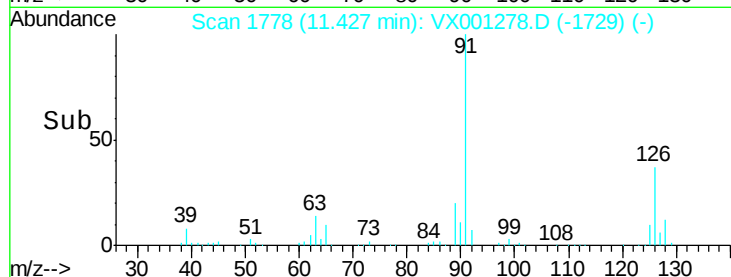
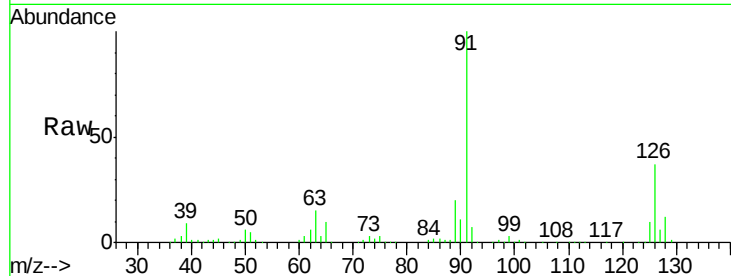
91 100

126 36.9 18.4 55.4

Manual Integrations  
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#80

1,3,5-Trimethylbenzene

Concen: 19.99 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001278.D

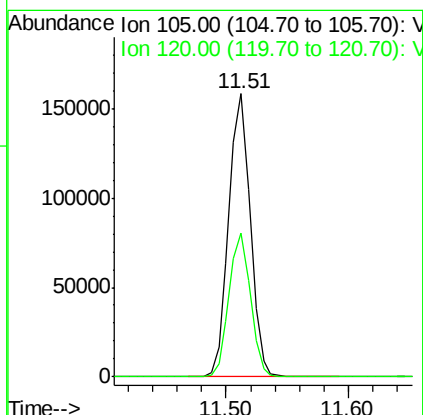
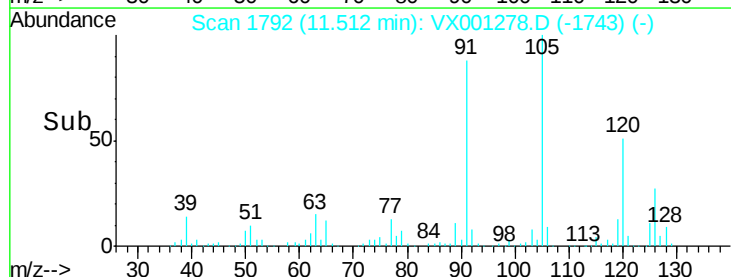
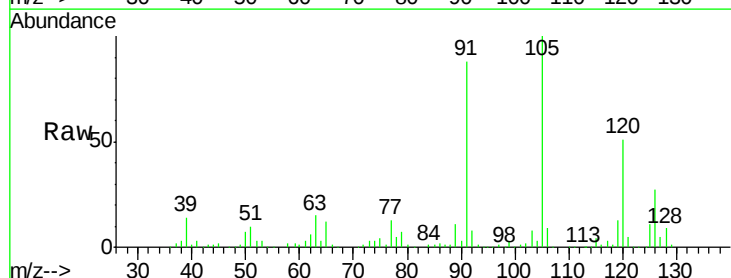
Acq: 01 May 2018 14:59

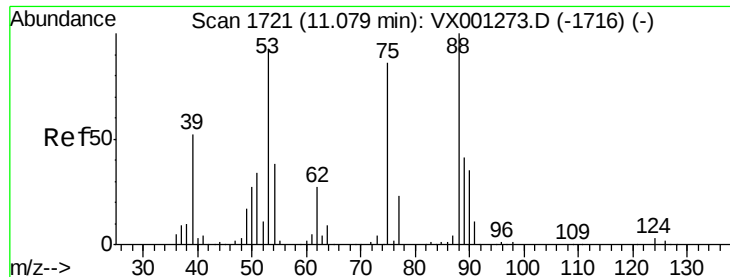
Tgt Ion: 105 Resp: 192827

Ion Ratio Lower Upper

105 100

120 50.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.46 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

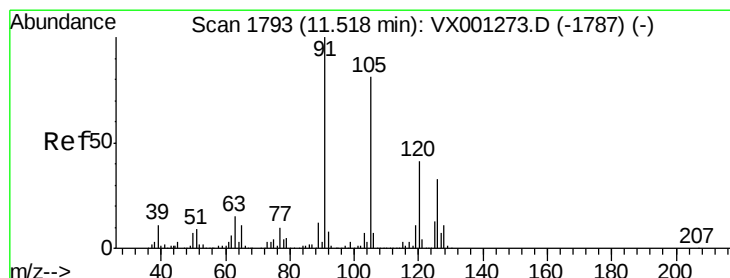
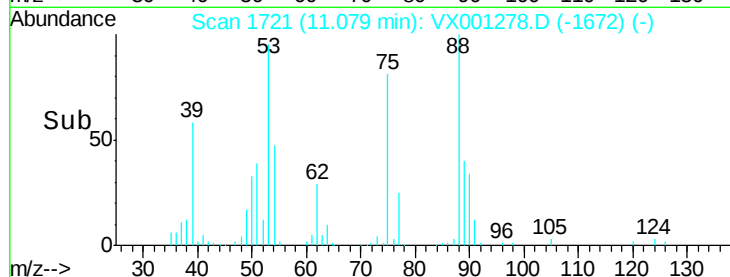
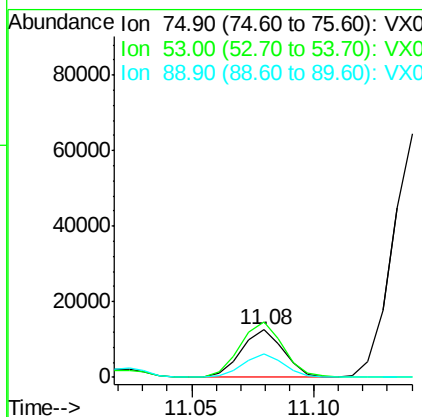
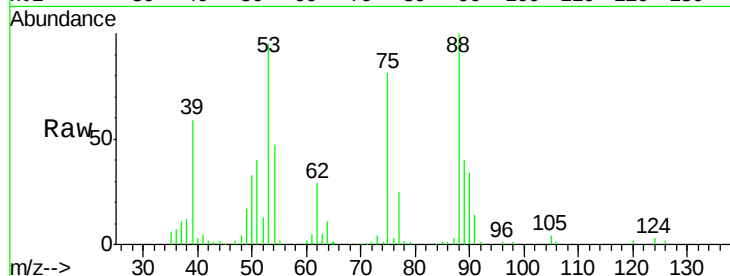
ClientSampleId :

VX0501WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 15127 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 120.2 | 87.1  | 130.7 |
| 89        | 49.0  | 38.9  | 58.3  |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 19.49 ug/l

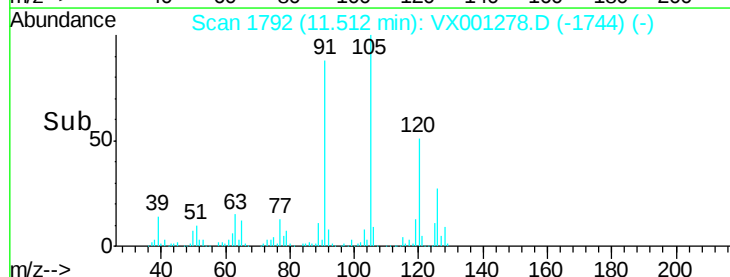
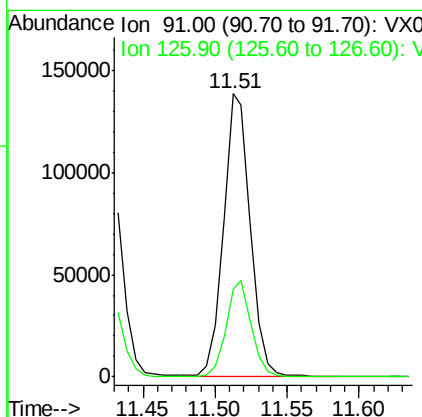
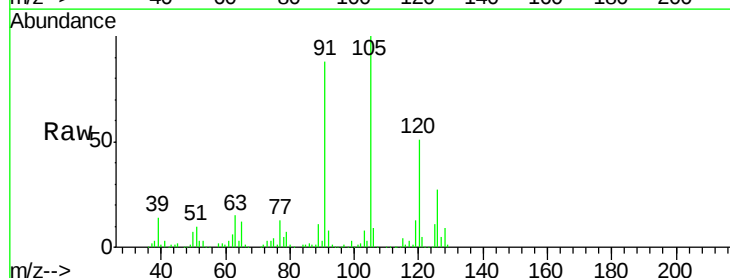
RT: 11.51 min Scan# 1792

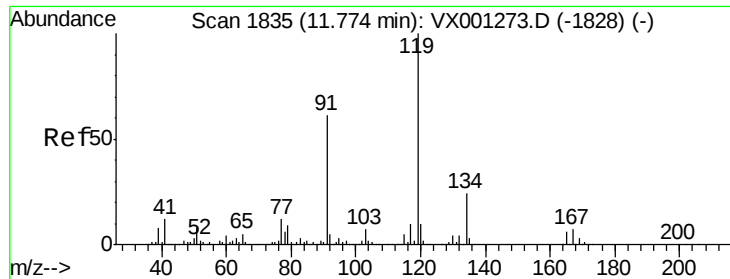
Delta R.T. -0.01 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 180563 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 32.3  | 16.1  | 48.2   |





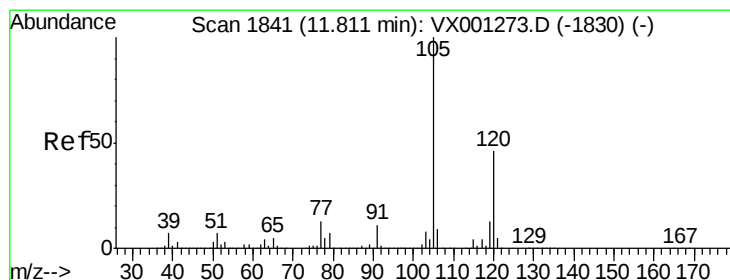
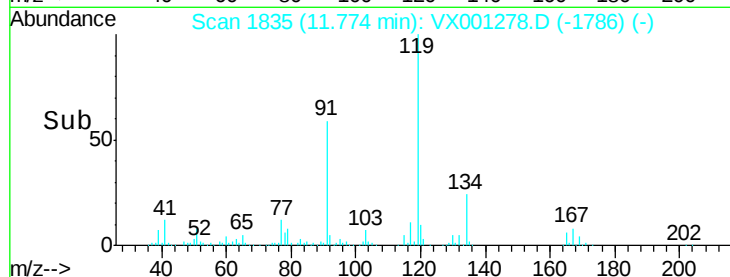
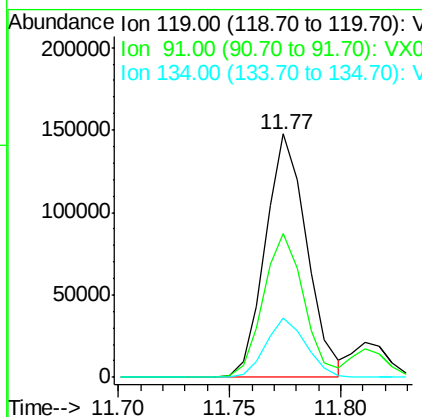
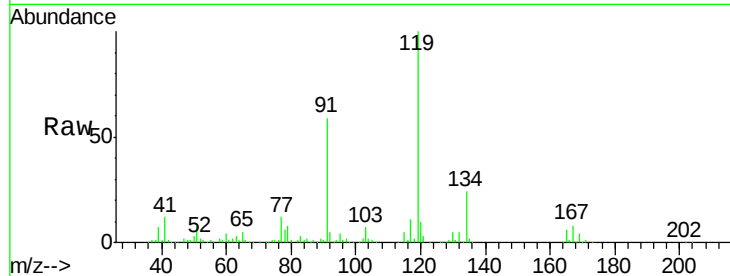
#83  
 tert-Butylbenzene  
 Concen: 19.78 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 190298 |       |       |
| 91      | 58.2  | 28.1   | 84.3  |       |
| 134     | 23.8  | 11.8   | 35.3  |       |

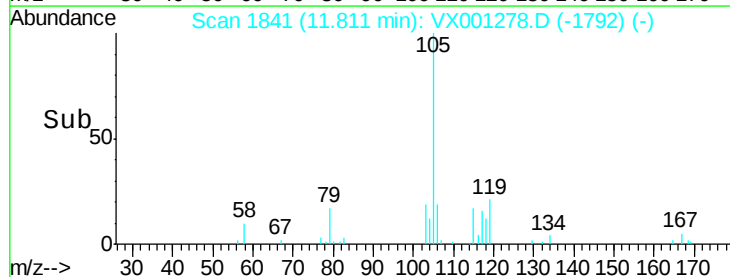
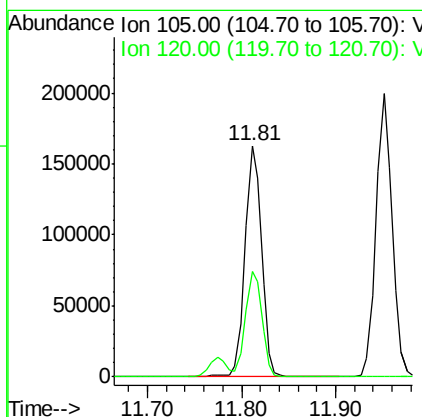
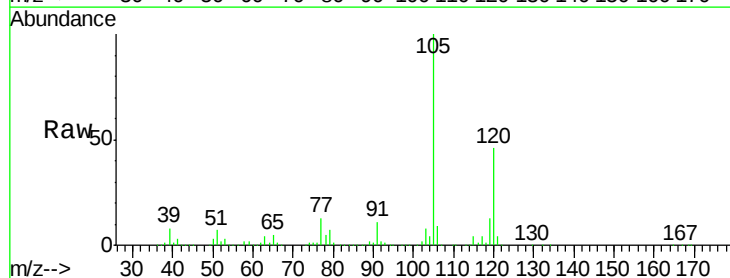
Manual Integrations  
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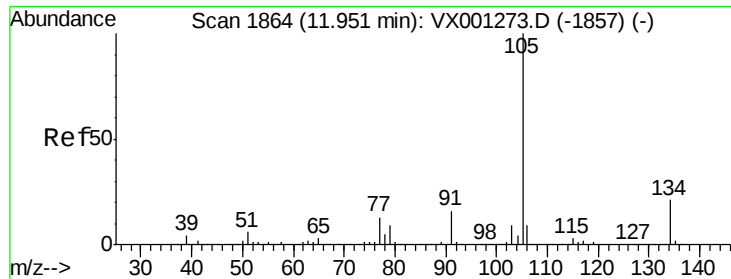
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.29 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 200583 |       |       |
| 120     | 45.3  | 22.7   | 68.1  |       |





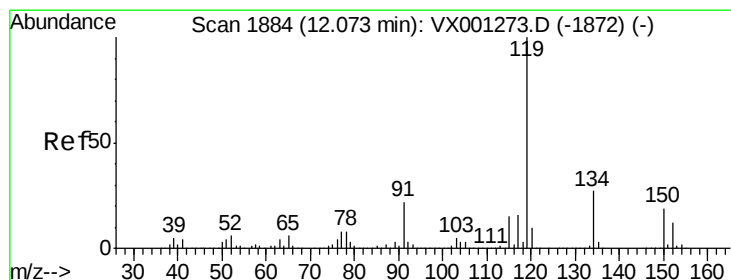
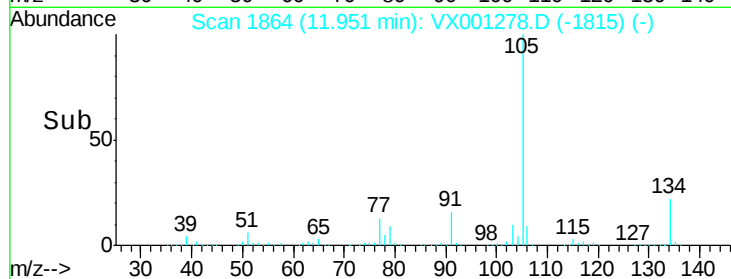
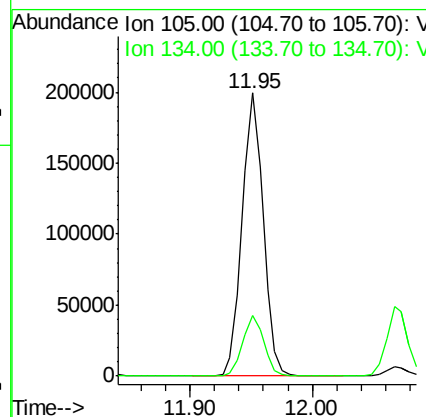
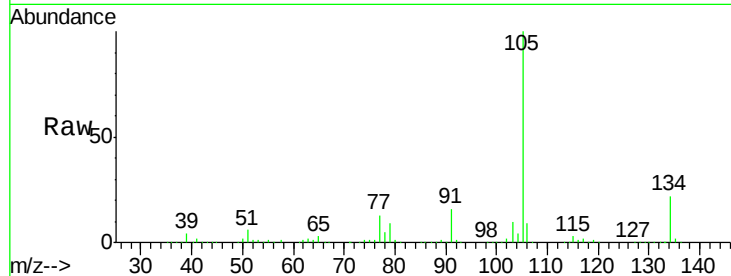
#85  
 sec-Butylbenzene  
 Concen: 20.56 ug/l  
 RT: 11.95 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBS01

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 105     | 105 | 100   |       |       |
| 134     | 134 | 21.5  | 10.7  | 31.9  |

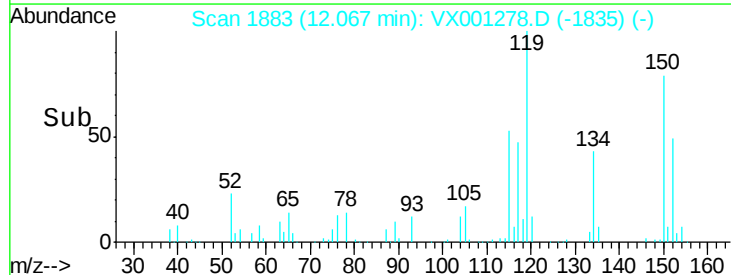
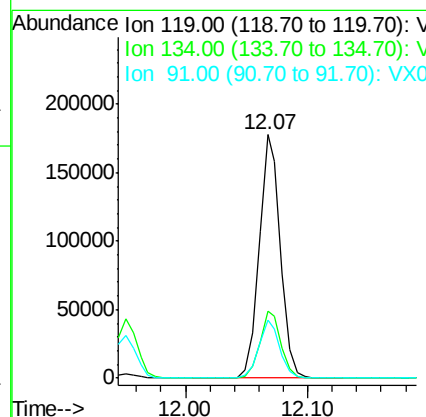
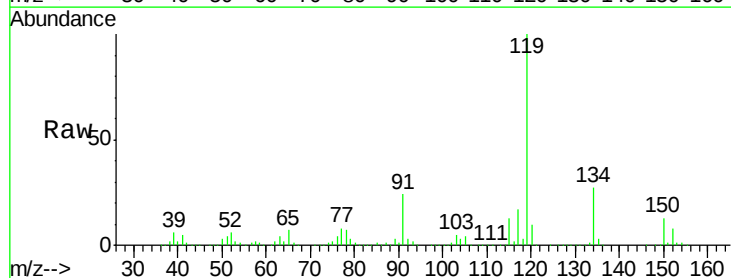
Manual Integrations  
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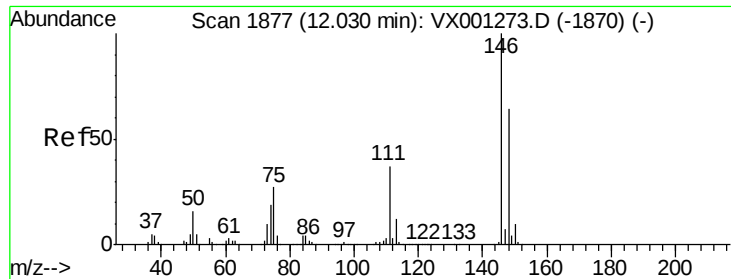
MMDadoda  
 5/2/2018 4:20:55 PM



#86  
 p-Isopropyltoluene  
 Concen: 20.35 ug/l  
 RT: 12.07 min Scan# 1883  
 Delta R.T. -0.01 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 119     | 119 | 100   |       |       |
| 134     | 134 | 27.5  | 13.6  | 40.7  |
| 91      | 91  | 23.5  | 11.7  | 35.1  |





#87

1,3-Dichlorobenzene

Concen: 19.37 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

Instrument :

MSVOA\_X

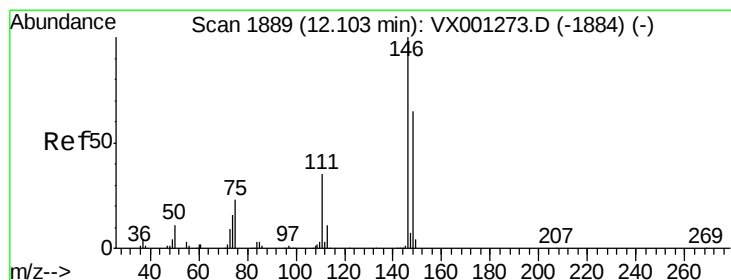
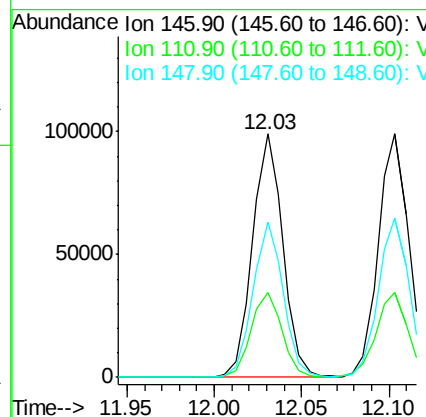
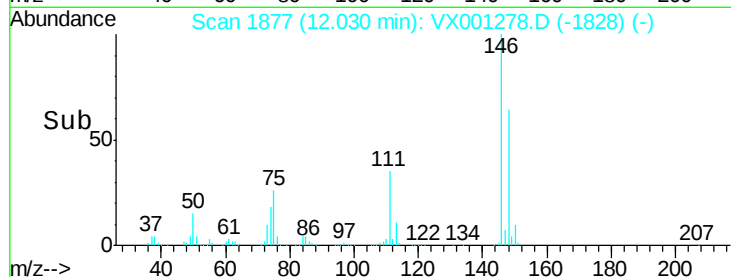
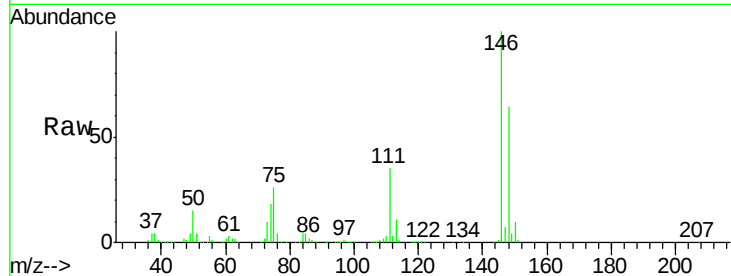
ClientSampled :

VX0501WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 119843 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 35.4  | 18.4  | 55.2   |
| 148       | 63.6  | 32.2  | 96.6   |

Manual Integrations  
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#88

1,4-Dichlorobenzene

Concen: 18.81 ug/l

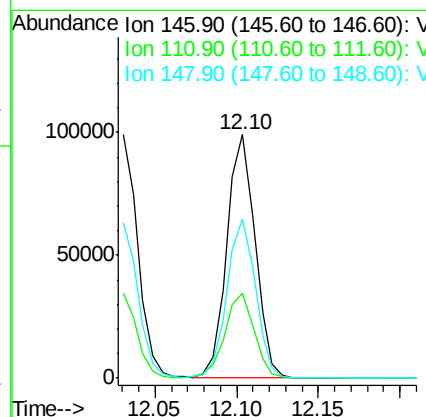
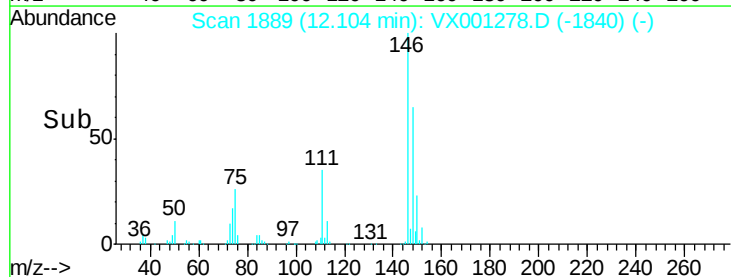
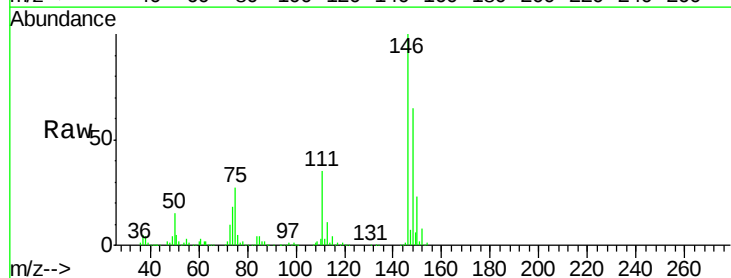
RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001278.D

Acq: 01 May 2018 14:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 119967 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 36.8  | 17.9  | 53.7   |
| 148       | 66.2  | 32.3  | 96.8   |





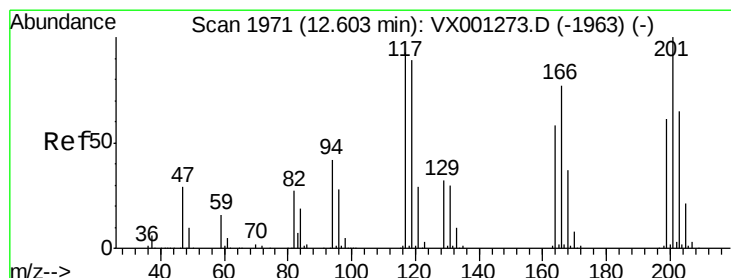
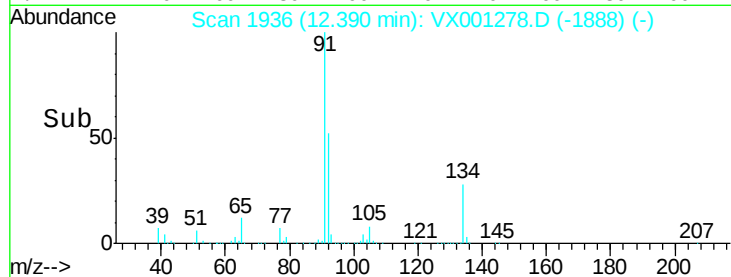
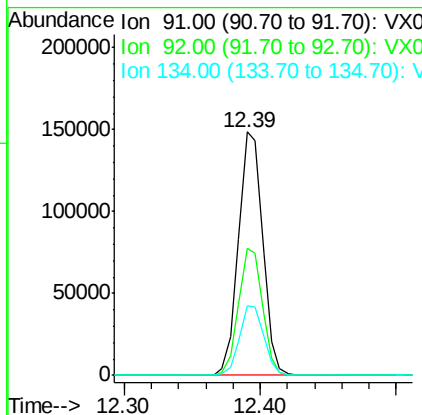
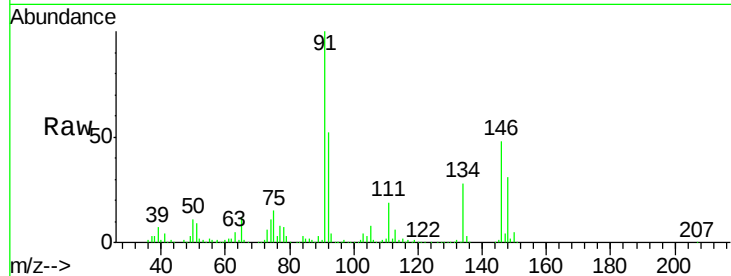
#89  
n-Butylbenzene  
Concen: 20.03 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. -0.01 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.4  | 26.2  | 78.5  |
| 134     | 28.4  | 14.0  | 42.0  |

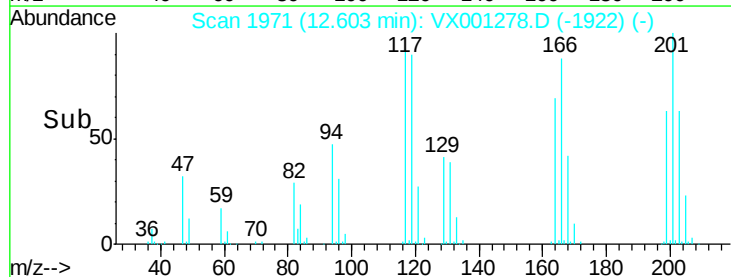
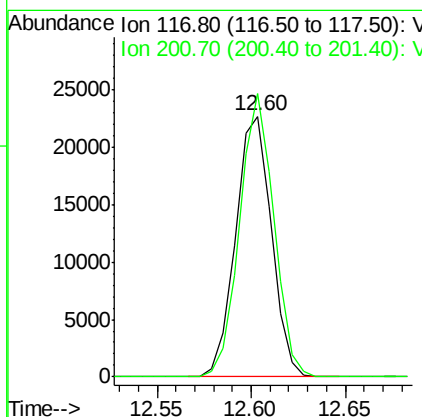
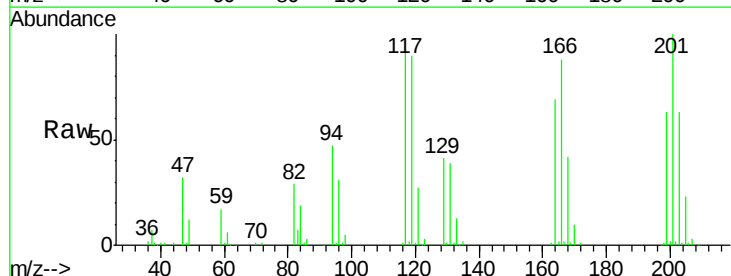
Manual Integrations  
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#90  
Hexachloroethane  
Concen: 19.57 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 103.6 | 51.6  | 154.8 |





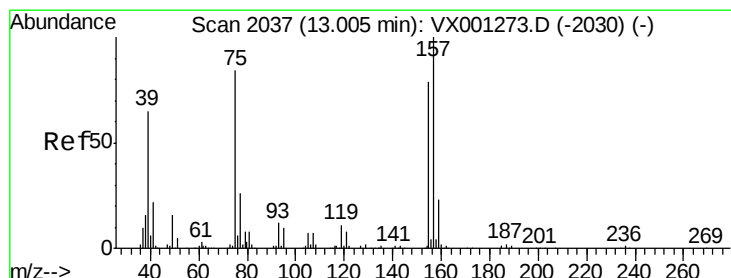
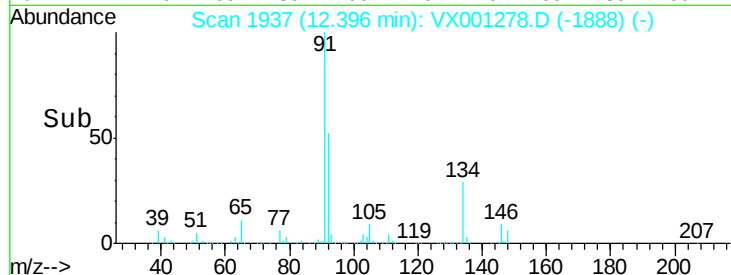
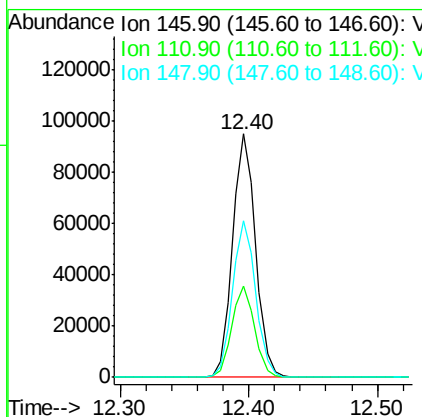
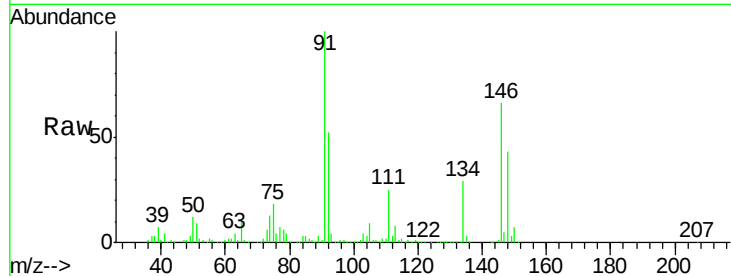
#91  
 1,2-Dichlorobenzene  
 Concen: 19.34 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.2  | 18.9  | 56.5  |
| 148     | 64.7  | 32.4  | 97.0  |

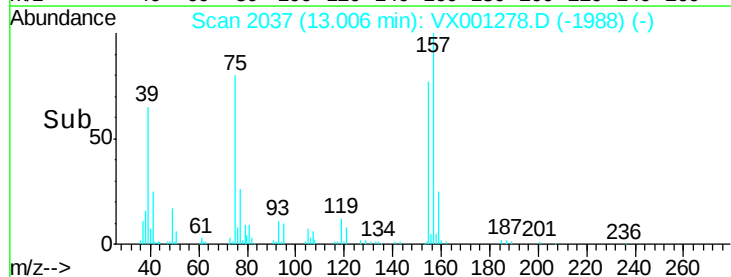
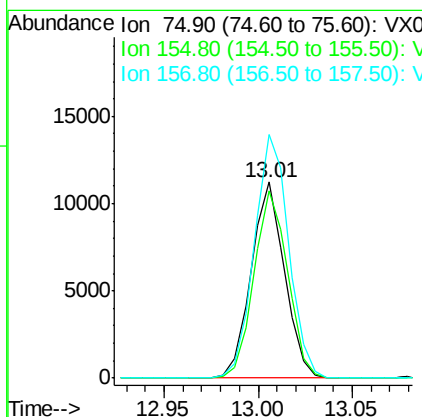
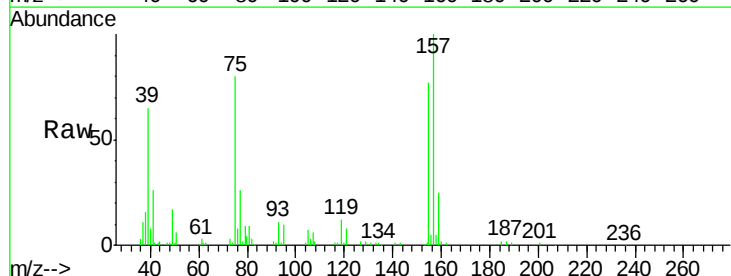
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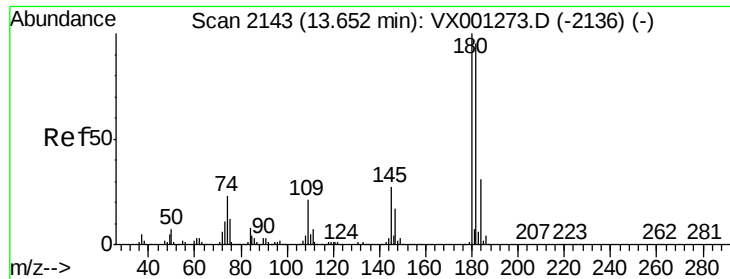
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.76 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 96.4  | 49.9  | 149.7 |
| 157     | 127.9 | 63.7  | 191.1 |





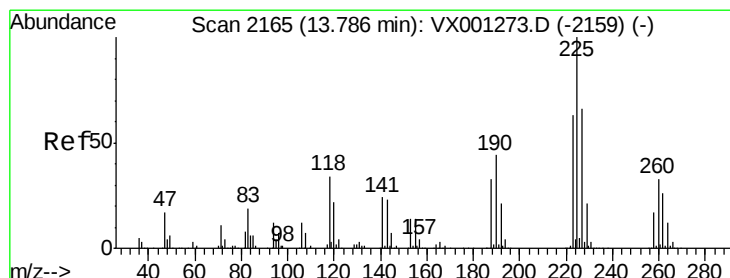
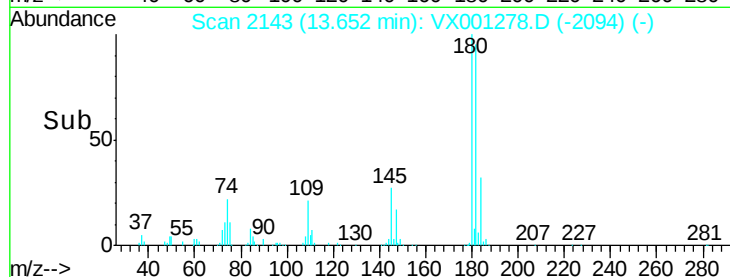
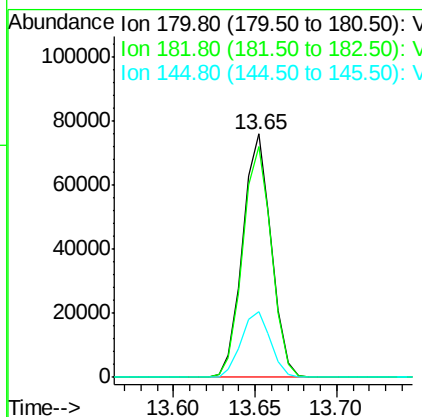
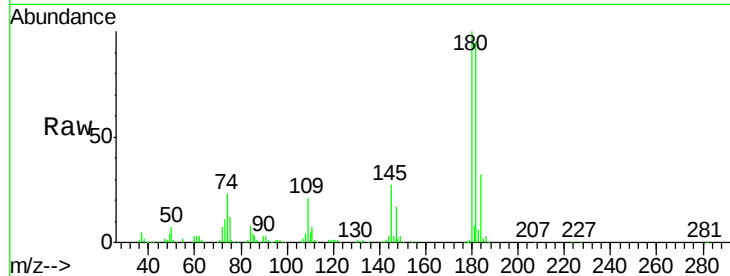
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.70 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0501WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 92633 |       |       |
| 182     | 95.8  | 47.3  | 141.9 |       |
| 145     | 27.4  | 13.5  | 40.4  |       |

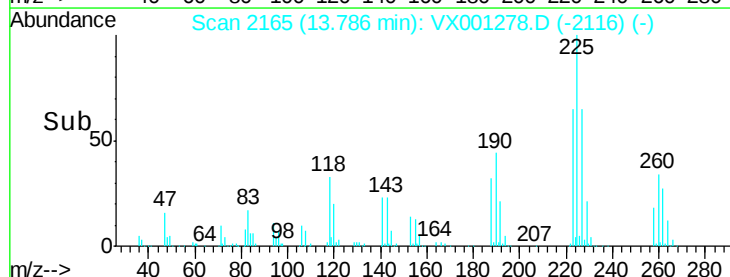
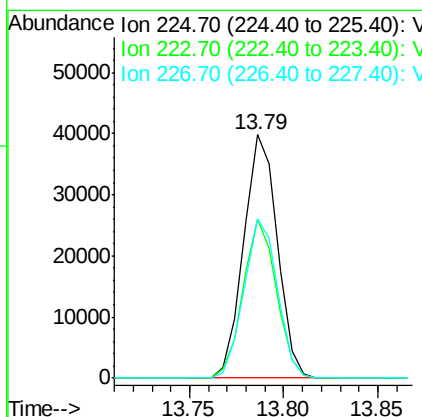
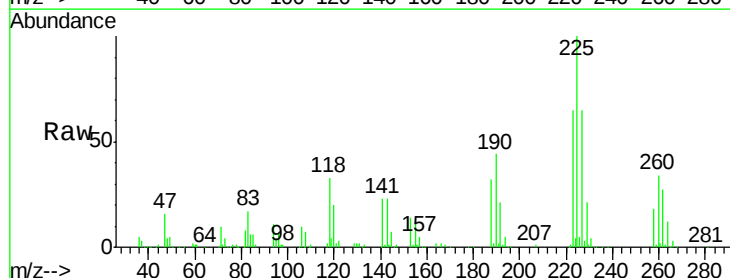
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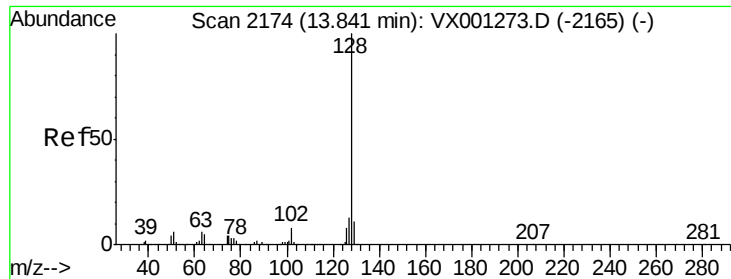
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#94  
 Hexachlorobutadiene  
 Concen: 19.04 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX001278.D  
 Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 49333 |       |       |
| 223     | 64.4  | 31.4  | 94.0  |       |
| 227     | 65.1  | 32.5  | 97.5  |       |





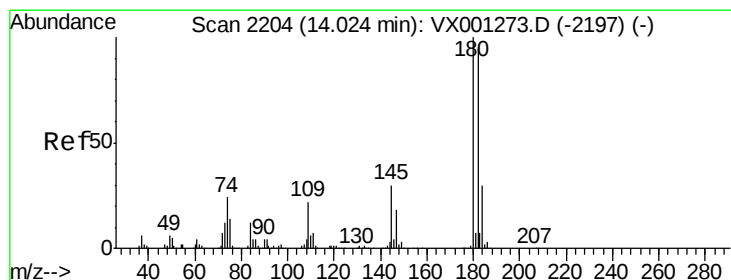
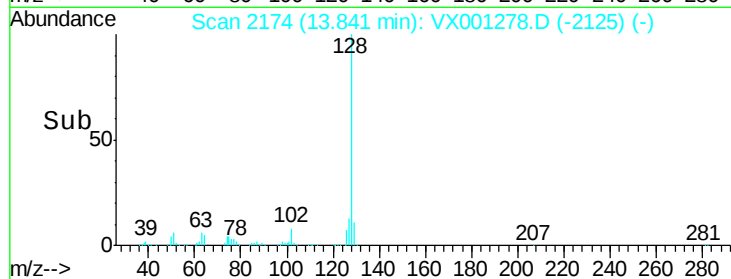
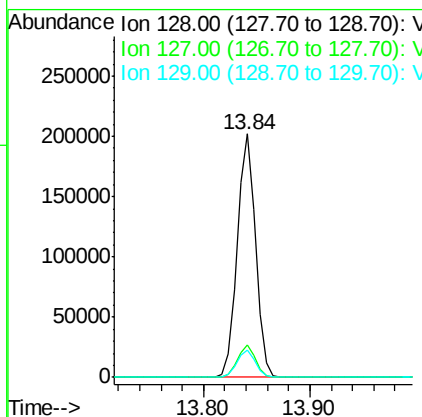
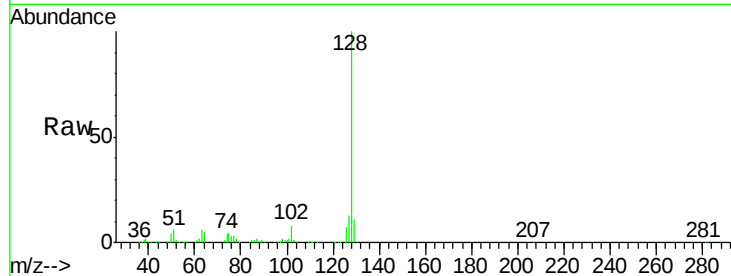
#95  
Naphthalene  
Concen: 19.39 ug/l  
RT: 13.84 min Scan# 2174  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0501WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.5  | 15.7  |
| 129     | 11.1  | 8.7   | 13.1  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 19.01 ug/l  
RT: 14.02 min Scan# 2204  
Delta R.T. 0.00 min  
Lab File: VX001278.D  
Acq: 01 May 2018 14:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.9  | 48.1  | 144.3 |
| 145     | 29.0  | 14.4  | 43.4  |

