

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091520\  
 Data File : VX018403.D  
 Acq On : 15 Sep 2020 13:46  
 Operator : JC/SP  
 Sample : VX0915WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0915WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/16/2020 11:45:06 AM

Quant Time: Sep 16 03:54:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 430979   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 657115   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 602452   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 337784   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 288921   | 48.29 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.58% |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 221260   | 49.44 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.88% |      |
| 50) Toluene-d8            | 8.70   | 98  | 772386   | 46.34 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.68% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 301162   | 45.92 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.84% |      |

## Target Compounds

|                               |      |     |         |         | Qvalue |     |
|-------------------------------|------|-----|---------|---------|--------|-----|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 83038   | 15.825  | ug/l   | 98  |
| 3) Chloromethane              | 1.31 | 50  | 78773   | 14.239  | ug/l   | 94  |
| 4) Vinyl Chloride             | 1.39 | 62  | 84531   | 15.350  | ug/l   | 96  |
| 5) Bromomethane               | 1.63 | 94  | 59557   | 22.422  | ug/l   | 92  |
| 6) Chloroethane               | 1.72 | 64  | 50436   | 17.052  | ug/l   | 90  |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 142208  | 18.938  | ug/l   | 97  |
| 8) Diethyl Ether              | 2.17 | 74  | 46349   | 18.201  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 75027   | 18.481  | ug/l   | 96  |
| 10) Methyl Iodide             | 2.50 | 142 | 73059   | 20.329  | ug/l   | 96  |
| 11) Tert butyl alcohol        | 3.01 | 59  | 89576   | 77.000  | ug/l   | 97  |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 72110   | 17.121  | ug/l   | 99  |
| 13) Acrolein                  | 2.27 | 56  | 51684   | 107.147 | ug/l   | 99  |
| 14) Allyl chloride            | 2.71 | 41  | 126872  | 16.767  | ug/l   | 97  |
| 15) Acrylonitrile             | 3.11 | 53  | 204499  | 77.495  | ug/l   | 99  |
| 16) Acetone                   | 2.42 | 43  | 192219  | 82.449  | ug/l   | 95  |
| 17) Carbon Disulfide          | 2.55 | 76  | 184205  | 14.468  | ug/l   | 99  |
| 18) Methyl Acetate            | 2.75 | 43  | 106053  | 18.851  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 257415  | 17.821  | ug/l   | 99  |
| 20) Methylene Chloride        | 2.84 | 84  | 83986   | 16.844  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 77556   | 16.621  | ug/l   | 99  |
| 22) Diisopropyl ether         | 3.82 | 45  | 258536  | 17.311  | ug/l   | 99  |
| 23) Vinyl Acetate             | 3.78 | 43  | 1092826 | 82.235  | ug/l   | 100 |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 150500  | 17.703  | ug/l   | 98  |
| 25) 2-Butanone                | 4.63 | 43  | 288802  | 75.375  | ug/l   | 98  |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 140743  | 20.347  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 88549   | 16.470  | ug/l   | 98  |
| 28) Bromochloromethane        | 4.98 | 49  | 71067   | 17.318  | ug/l   | 95  |
| 29) Tetrahydrofuran           | 5.09 | 42  | 177027  | 72.579  | ug/l   | 98  |
| 30) Chloroform                | 5.18 | 83  | 157962  | 17.944  | ug/l   | 98  |
| 31) Cyclohexane               | 5.55 | 56  | 113167  | 15.802  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 145739  | 18.041  | ug/l   | 99  |
| 36) 1,1-Dichloropropene       | 5.76 | 75  | 110705  | 18.266  | ug/l   | 99  |
| 37) Ethyl Acetate             | 4.79 | 43  | 108794  | 15.455  | ug/l   | 98  |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 133904  | 19.604  | ug/l   | 99  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091520\  
 Data File : VX018403.D  
 Acq On : 15 Sep 2020 13:46  
 Operator : JC/SP  
 Sample : VX0915WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0915WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/16/2020 11:45:06 AM

Quant Time: Sep 16 03:54:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 115214   | 17.385  | ug/l   | 98       |
| 40) Benzene                    | 6.11  | 78   | 313515   | 17.604  | ug/l   | 98       |
| 41) Methacrylonitrile          | 4.99  | 41   | 59399    | 15.368  | ug/l # | 93       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 133515   | 19.567  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 185676   | 16.331  | ug/l   | 98       |
| 44) Trichloroethene            | 7.18  | 130  | 91366    | 18.156  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 85601    | 17.834  | ug/l   | 96       |
| 46) Dibromomethane             | 7.63  | 93   | 61115    | 18.106  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.87  | 83   | 126581   | 18.782  | ug/l   | 95       |
| 48) Methyl methacrylate        | 7.74  | 41   | 91479    | 16.162  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 31391    | 306.176 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 578305   | 82.341  | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 199773   | 17.690  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 136557   | 18.282  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 145866   | 18.435  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 88471    | 18.369  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 118489   | 16.549  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 140518   | 17.689  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 295878   | 91.863  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.47  | 43   | 429052   | 80.341  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.56  | 129  | 103511   | 18.321  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 92536    | 17.697  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 84271    | 19.035  | ug/l   | 95       |
| 65) Chlorobenzene              | 10.12 | 112  | 226665   | 18.838  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 92062    | 19.413  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.23 | 91   | 382517   | 18.694  | ug/l   | 95       |
| 68) m/p-Xylenes                | 10.34 | 106  | 291016   | 38.104  | ug/l   | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 133451   | 18.025  | ug/l   | 96       |
| 70) Styrene                    | 10.70 | 104  | 230884   | 18.312  | ug/l   | 97       |
| 71) Bromoform                  | 10.84 | 173  | 76317    | 18.867  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 382629   | 17.173  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 153280   | 14.500  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 126105   | 16.044  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 121501m  | 16.170  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 101069   | 16.410  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.34 | 91   | 431927   | 17.073  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 268882   | 17.203  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 327072   | 17.864  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75   | 43116    | 15.497  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 319965   | 17.220  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 314069   | 17.382  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 335786   | 17.938  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 367210   | 17.871  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 346359   | 18.351  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 186397   | 17.238  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 195702   | 18.076  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 303562   | 17.621  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 70288    | 18.928  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 175881   | 17.279  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 29278    | 14.898  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091520\  
Data File : VX018403.D  
Acq On : 15 Sep 2020 13:46  
Operator : JC/SP  
Sample : VX0915WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

Manual Integrations  
APPROVED

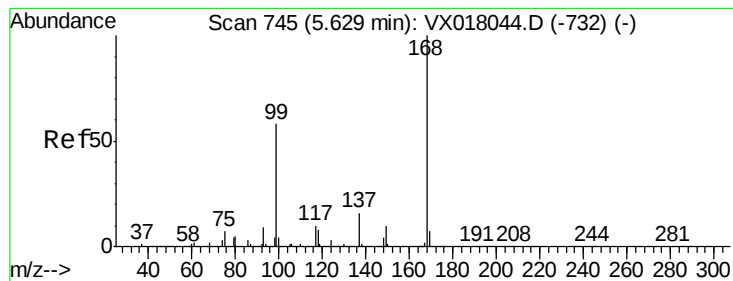
MMDadoda  
9/16/2020 11:45:06 AM

Quant Time: Sep 16 03:54:54 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 03:03:56 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 119899   | 17.665 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 13.76 | 225  | 50819    | 18.982 | ug/l  | 96       |
| 95) Naphthalene            | 13.82 | 128  | 339482   | 15.198 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 119439   | 17.809 | ug/l  | 95       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0915WBS01

Tot Ion:168 Resp: 430979

Ion Ratio Lower Upper

168 100

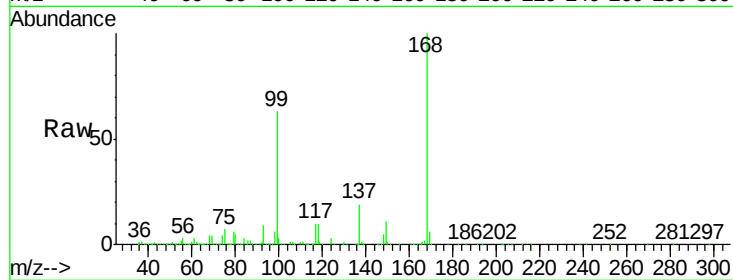
99 62.5 46.3 69.5

Manual Integrations

APPROVED

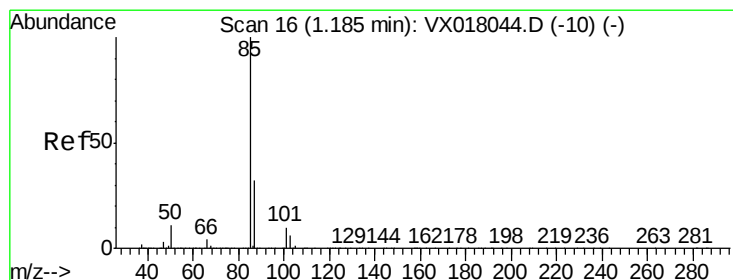
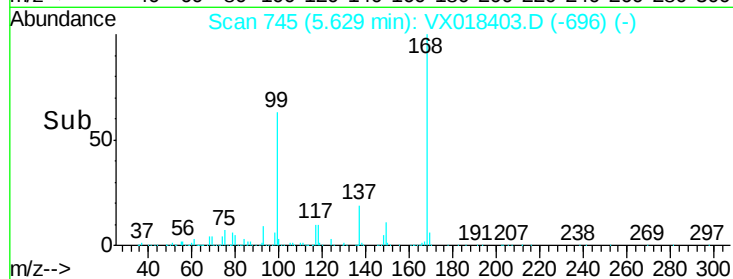
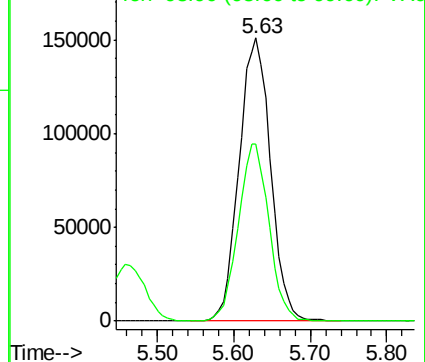
MMDadoda

9/16/2020 11:45:06 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.825 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018403.D

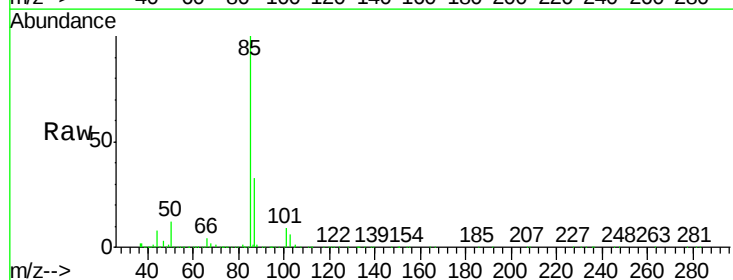
Acq: 15 Sep 2020 13:46

Tgt Ion: 85 Resp: 83038

Ion Ratio Lower Upper

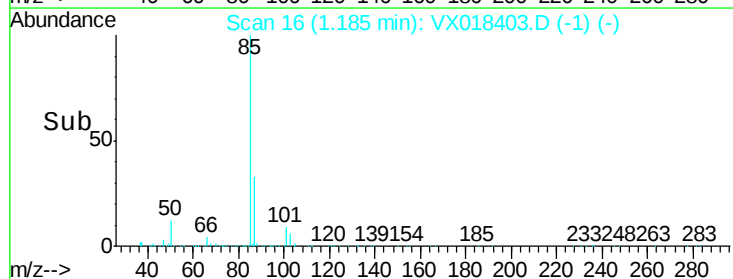
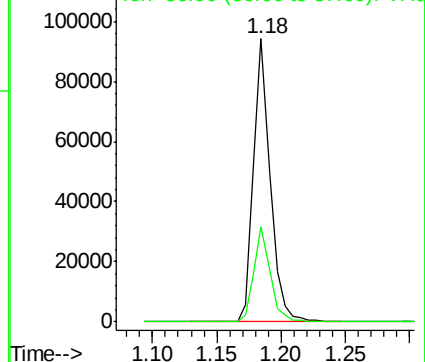
85 100

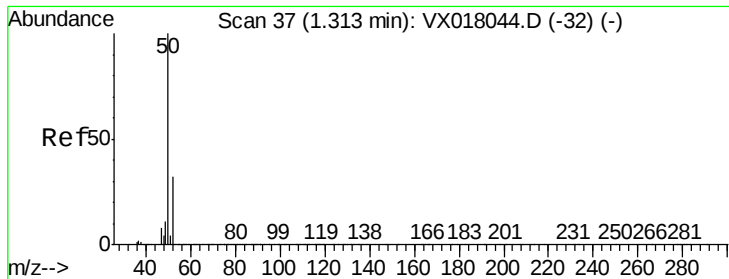
87 33.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 14.239 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0915WBS01

Tot Ion: 50 Resp: 78773

Ion Ratio Lower Upper

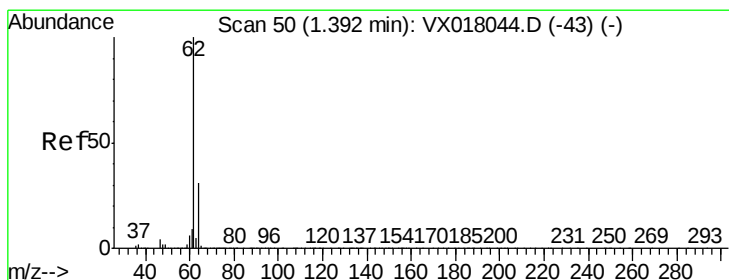
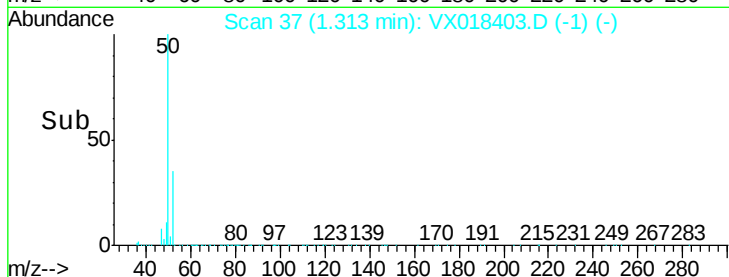
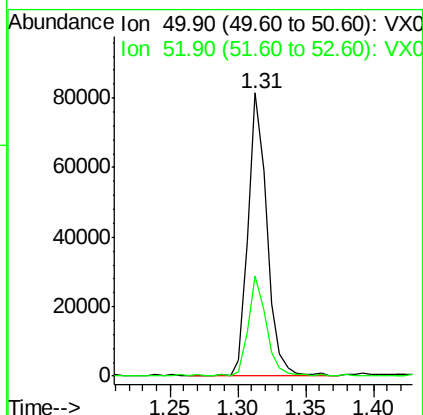
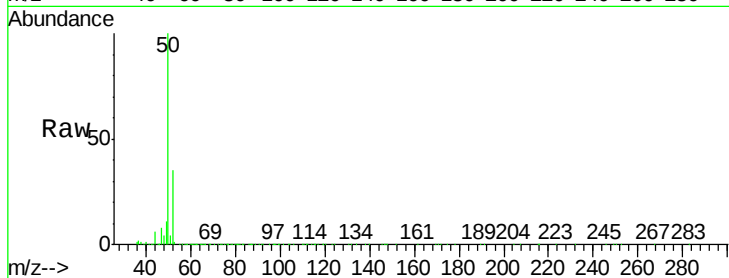
50 100

52 35.3 25.4 38.2

Manual Integrations  
APPROVED

MMDadoda

9/16/2020 11:45:06 AM



#4

Vinyl Chloride

Concen: 15.350 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018403.D

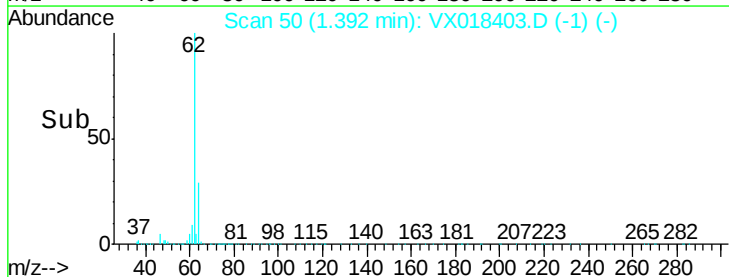
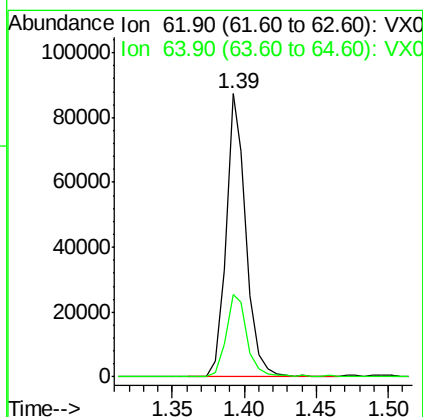
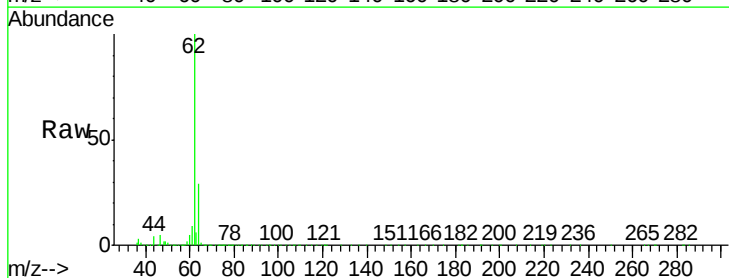
Acq: 15 Sep 2020 13:46

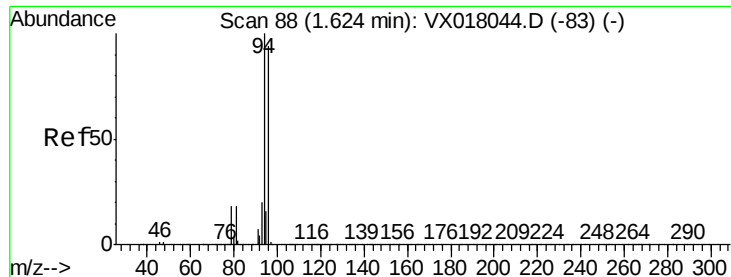
Tgt Ion: 62 Resp: 84531

Ion Ratio Lower Upper

62 100

64 29.1 25.1 37.7





#5

Bromomethane

Concen: 22.422 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0915WBS01

Tot Ion: 94 Resp: 59557

Ion Ratio Lower Upper

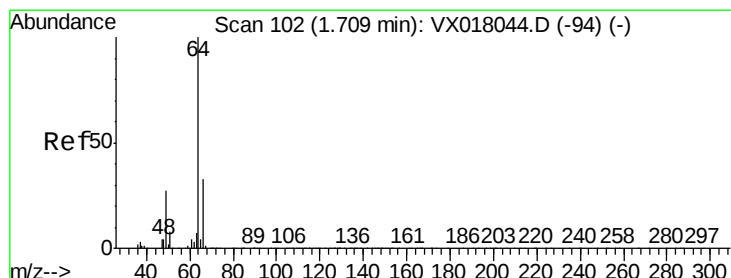
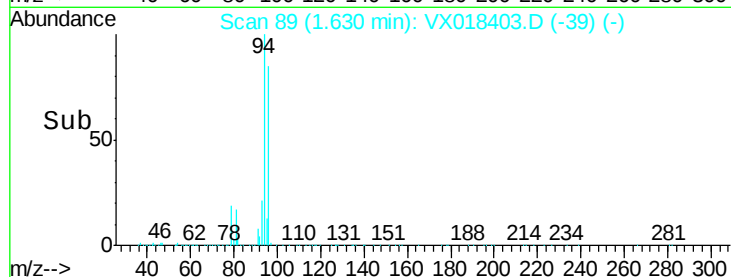
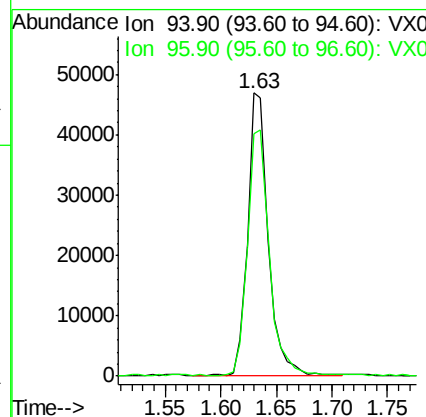
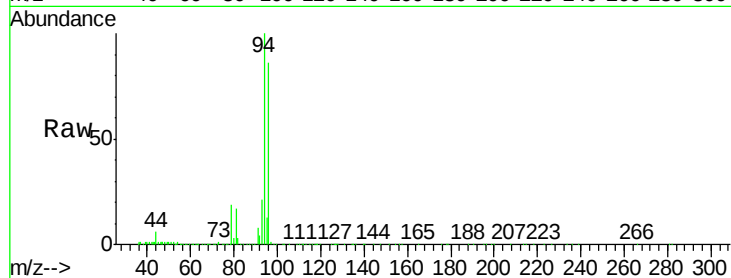
94 100

96 85.6 74.8 112.2

Manual Integrations  
APPROVED

MMDadoda

9/16/2020 11:45:06 AM



#6

Chloroethane

Concen: 17.052 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018403.D

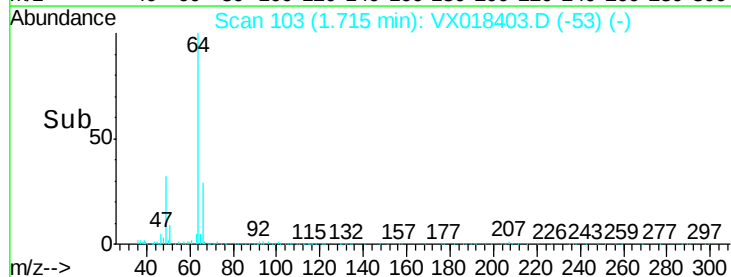
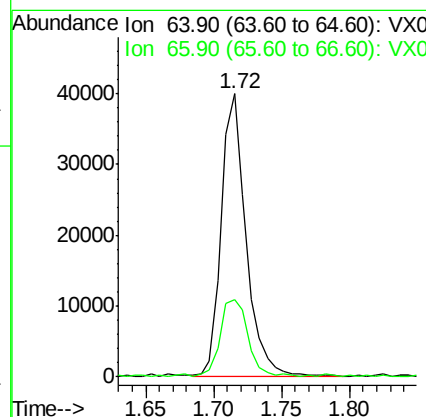
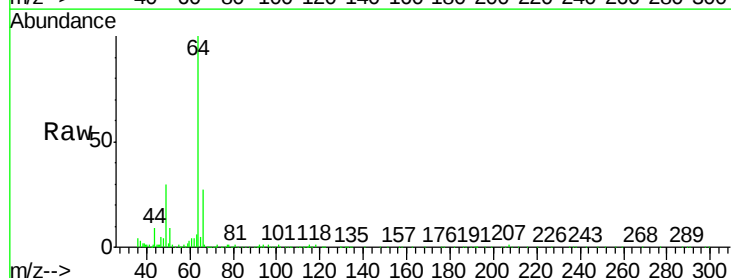
Acq: 15 Sep 2020 13:46

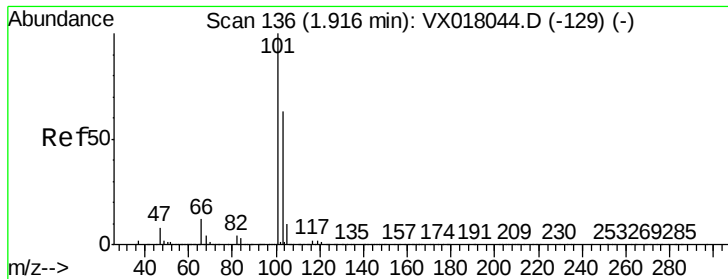
Tgt Ion: 64 Resp: 50436

Ion Ratio Lower Upper

64 100

66 27.3 26.6 39.8





#7

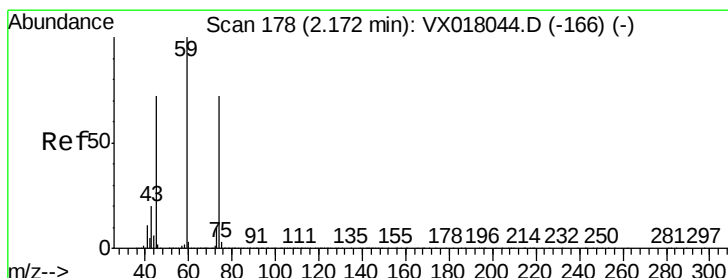
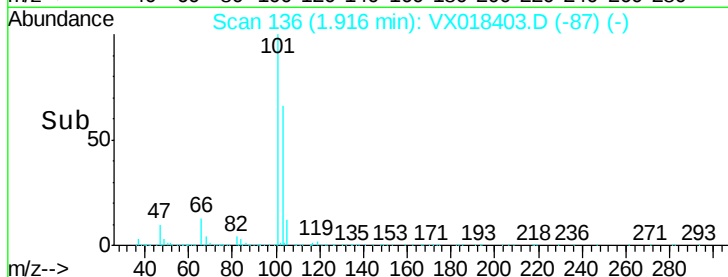
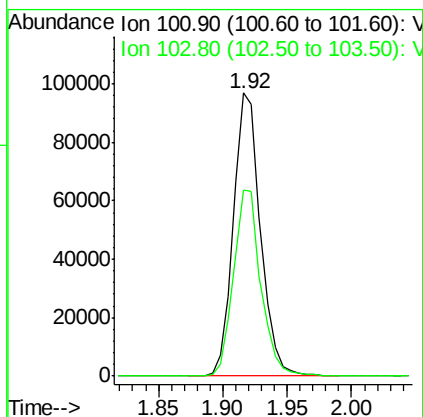
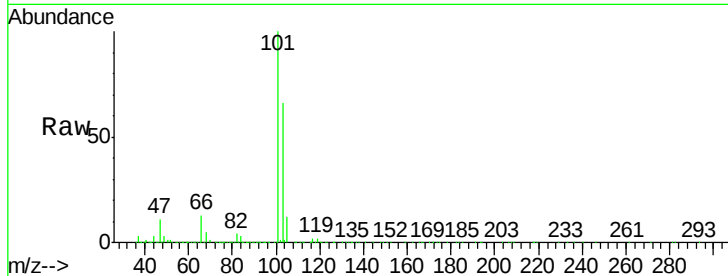
Trichlorofluoromethane  
Concen: 18.938 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.8  | 50.7  | 76.1  |

Manual Integrations  
APPROVED

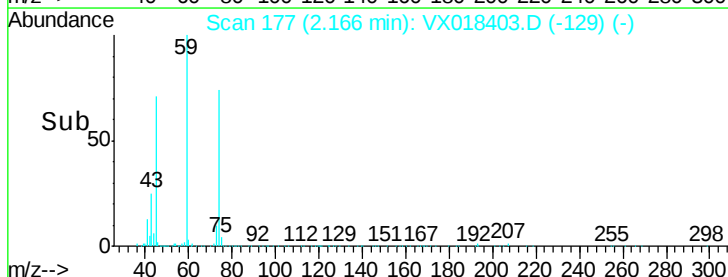
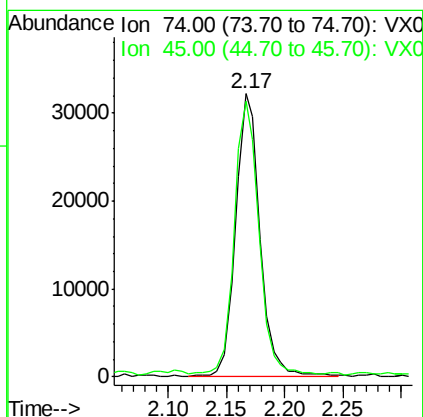
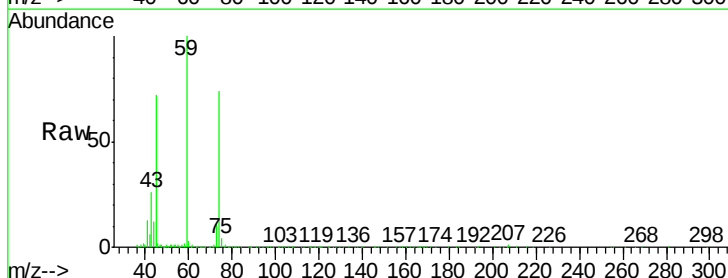
MMDadoda  
9/16/2020 11:45:06 AM

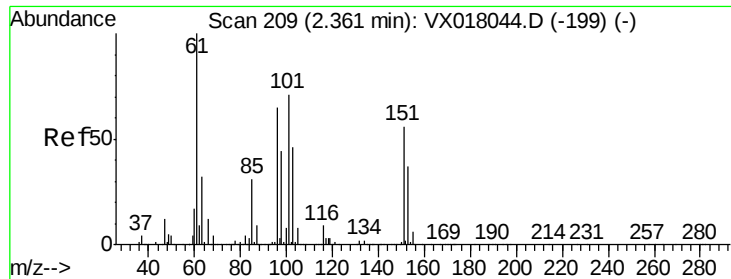


#8

Diethyl Ether  
Concen: 18.201 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 97.6  | 50.7  | 152.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.481 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

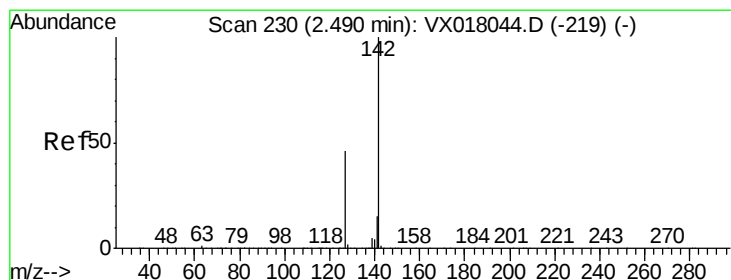
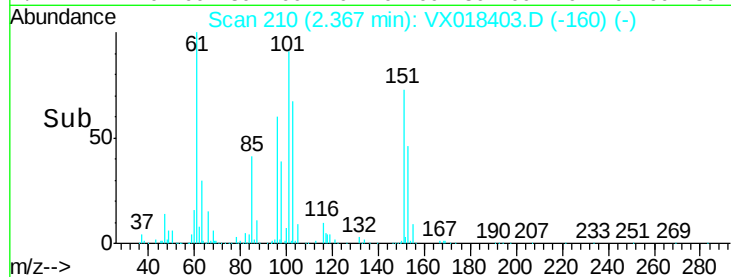
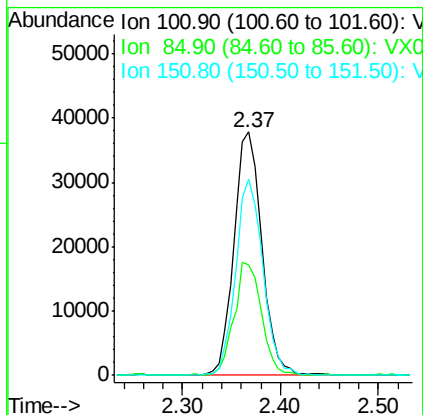
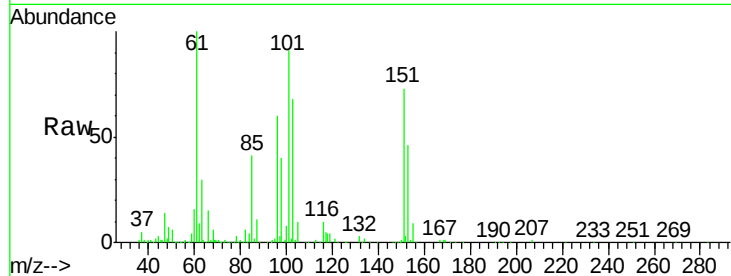
ClientSampleId :

VX0915WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 75027 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.8  | 34.0  | 51.0  |
| 151       | 79.0  | 65.2  | 97.8  |

Manual Integrations  
APPROVED

MMDadoda  
9/16/2020 11:45:06 AM



#10

Methyl Iodide

Concen: 20.329 ug/l

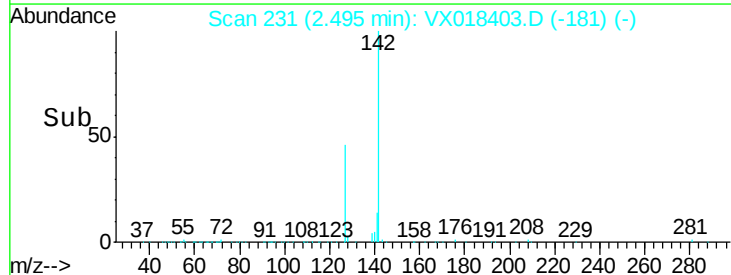
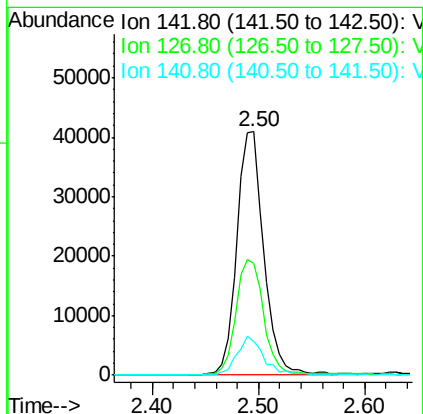
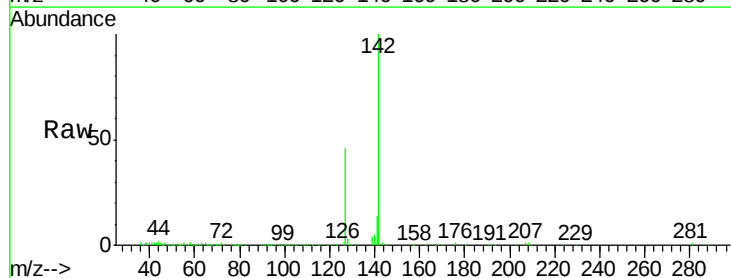
RT: 2.50 min Scan# 231

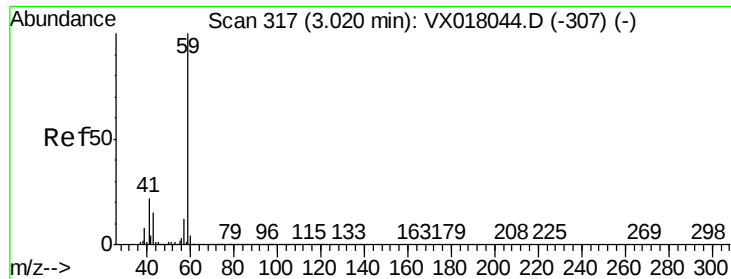
Delta R.T. 0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 73059 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 49.0  | 37.0  | 55.6  |
| 141       | 15.5  | 11.5  | 17.3  |





#11

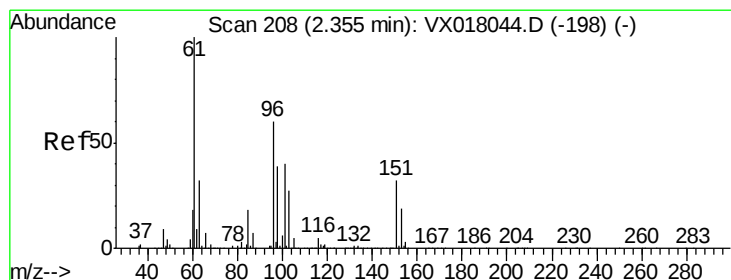
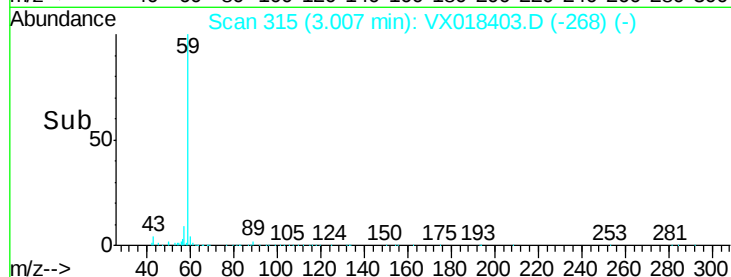
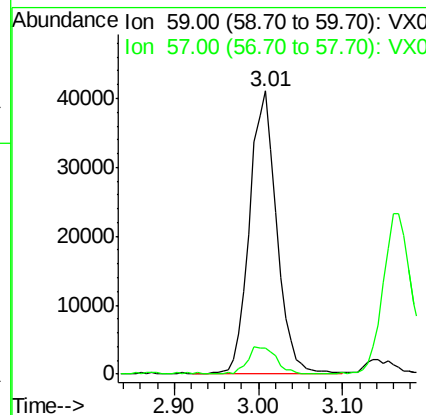
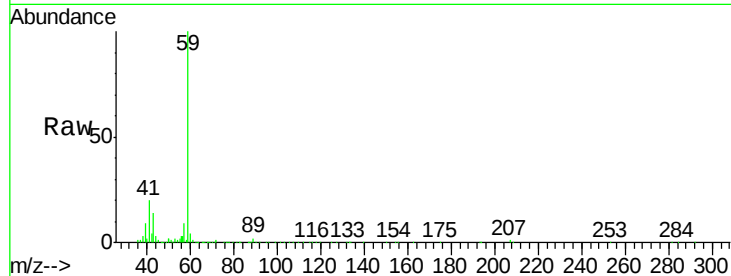
Tert butyl alcohol  
Concen: 77.000 ug/l  
RT: 3.01 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.1  | 8.9   | 13.3  |

Manual Integrations  
APPROVED

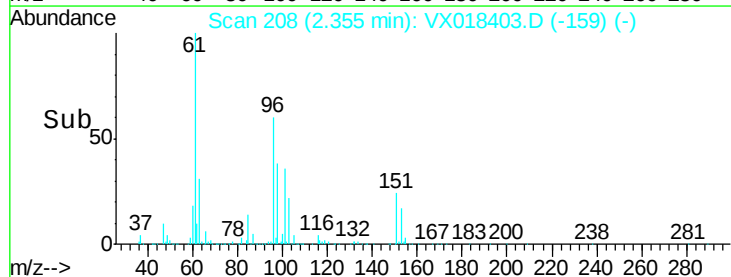
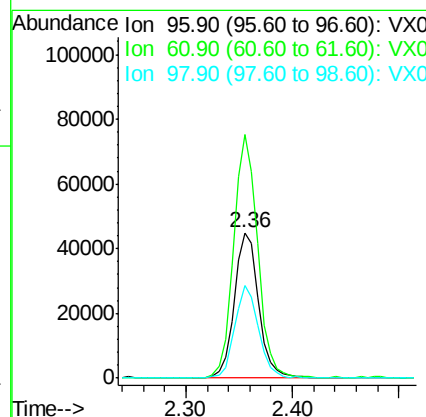
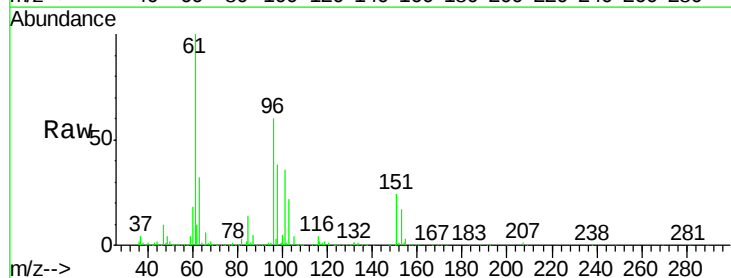
MMDadoda  
9/16/2020 11:45:06 AM

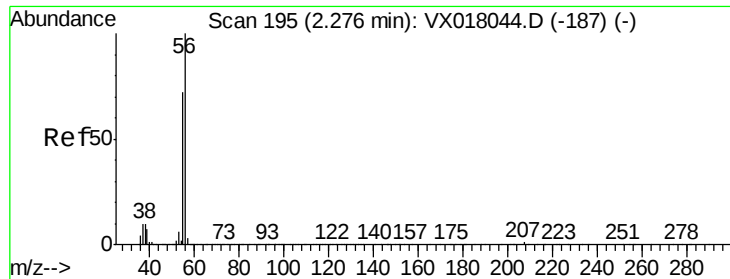


#12

1,1-Dichloroethene  
Concen: 17.121 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 167.0 | 133.0 | 199.4 |
| 98      | 63.7  | 51.6  | 77.4  |





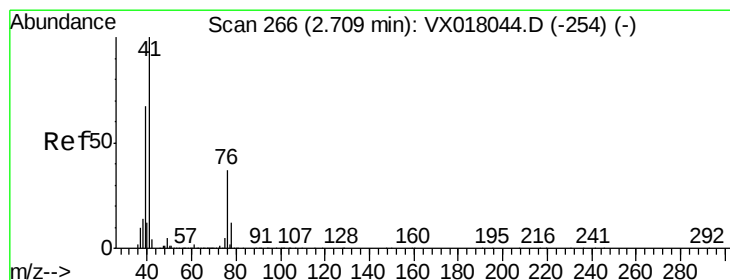
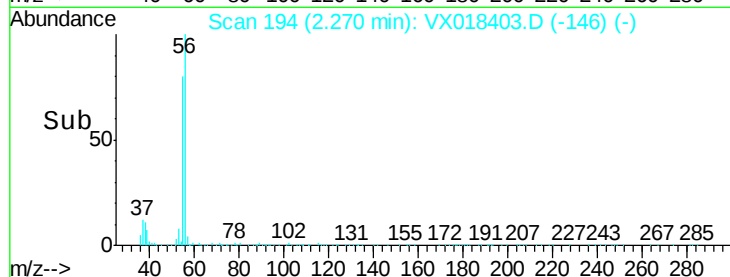
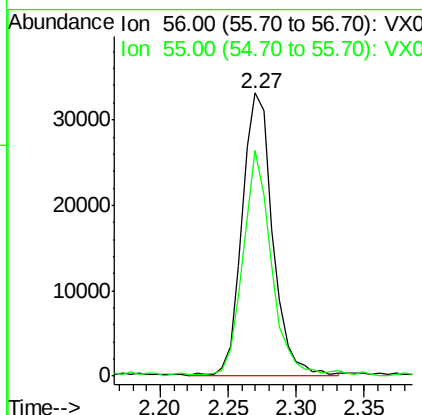
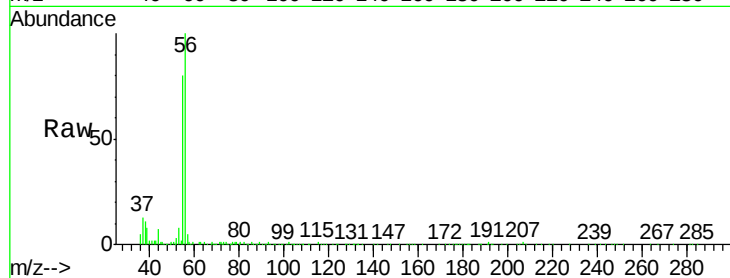
#13  
Acrolein  
Concen: 107.147 ug/l  
RT: 2.27 min Scan# 194  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion   | 56   | Resp  | 51684 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 55        | 72.0 | 57.0  | 85.6  |

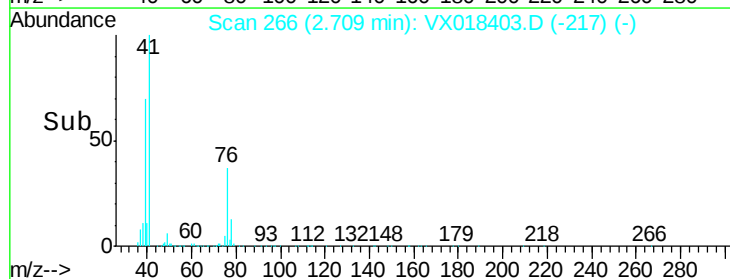
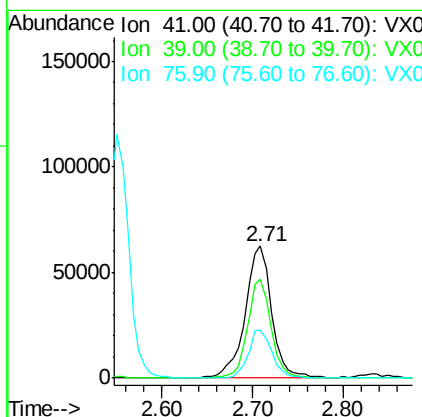
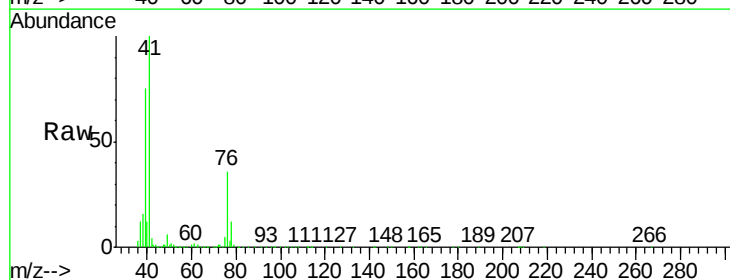
Manual Integrations  
APPROVED

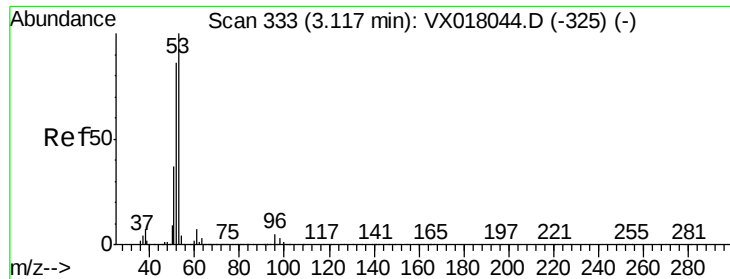
MMDadoda  
9/16/2020 11:45:06 AM



#14  
Allyl chloride  
Concen: 16.767 ug/l  
RT: 2.71 min Scan# 266  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion   | 41   | Resp  | 126872 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 39        | 66.8 | 50.6  | 76.0   |
| 76        | 32.1 | 26.2  | 39.2   |





#15

Acrylonitrile

Concen: 77.495 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

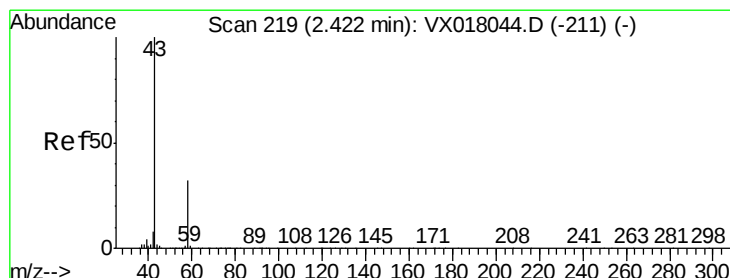
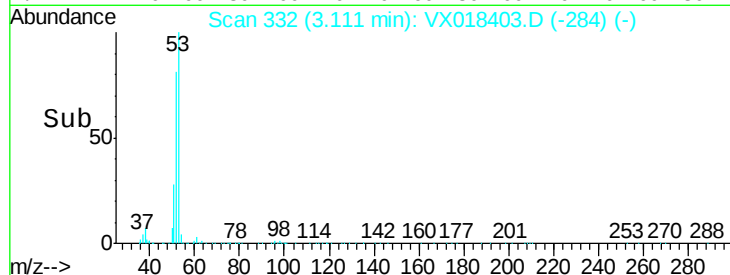
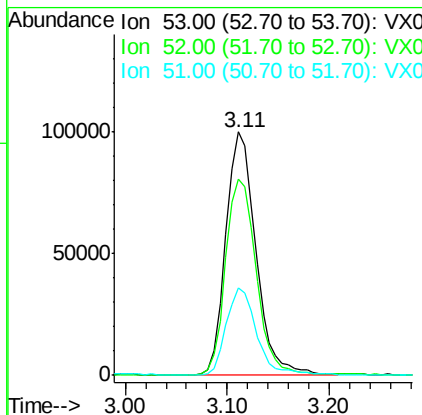
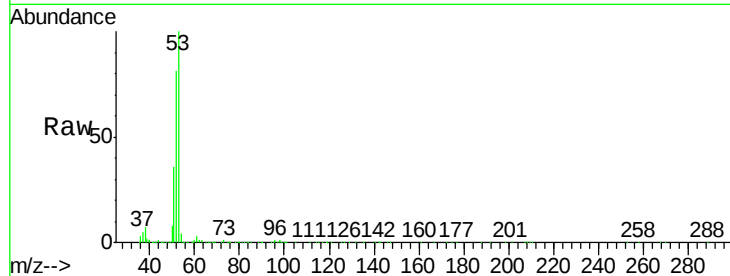
ClientSampleId :

VX0915WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 204499 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.3  | 66.9  | 100.3  |
| 51       | 36.4  | 28.7  | 43.1   |

Manual Integrations  
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MMDadoda  
9/16/2020 11:45:06 AM



#16

Acetone

Concen: 82.449 ug/l

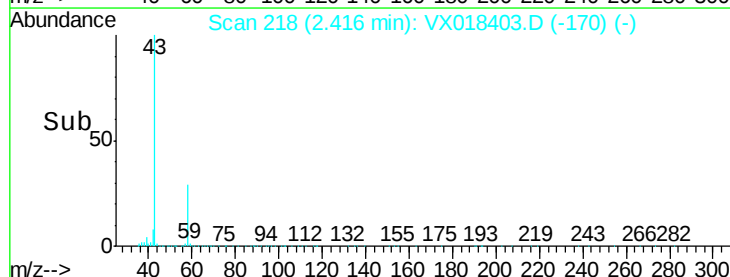
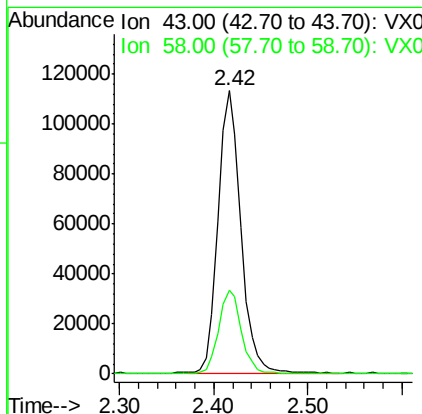
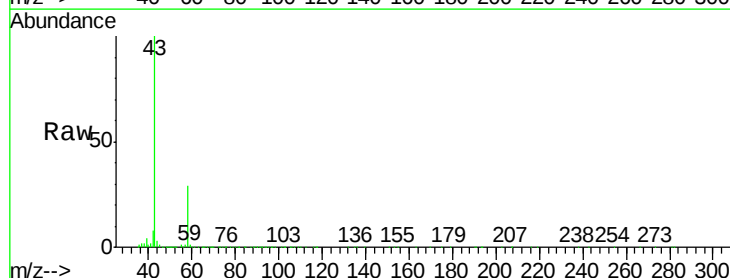
RT: 2.42 min Scan# 218

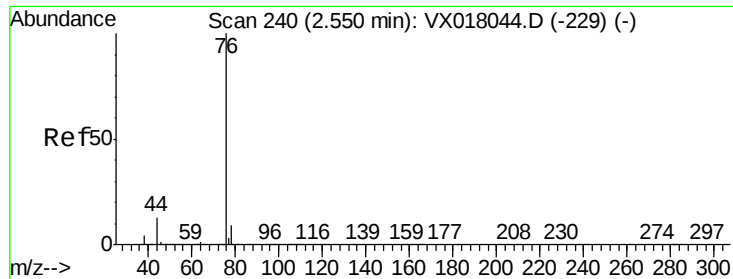
Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 192219 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 29.3  | 25.5  | 38.3   |





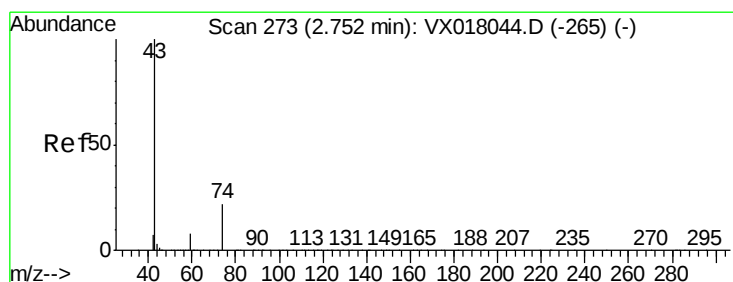
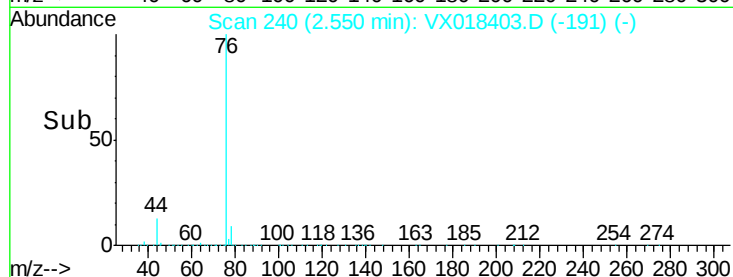
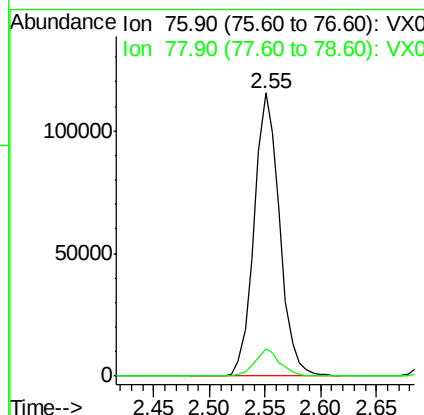
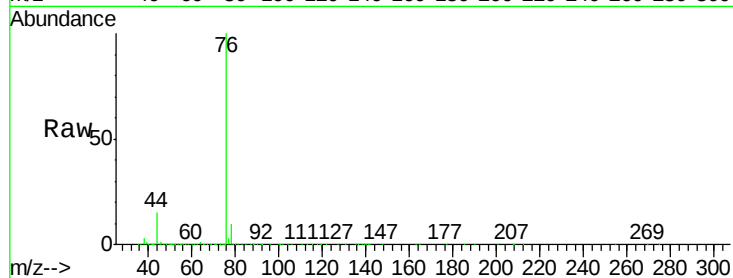
#17  
Carbon Disulfide  
Concen: 14.468 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.6   | 7.4   | 11.0  |

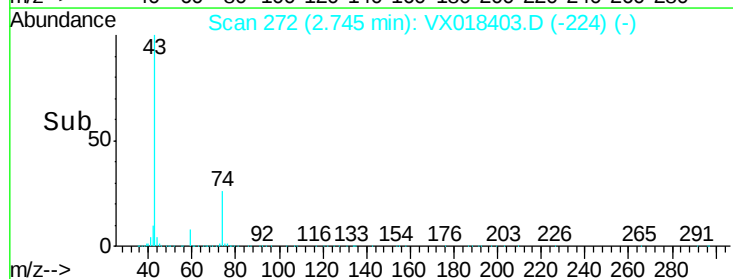
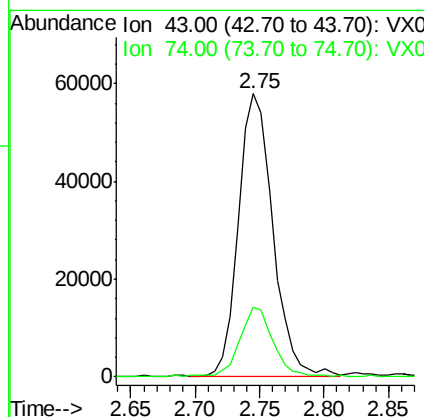
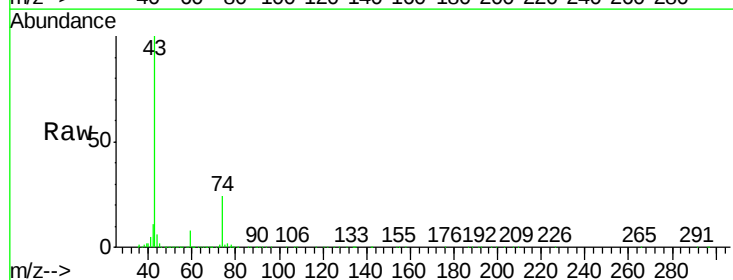
Manual Integrations  
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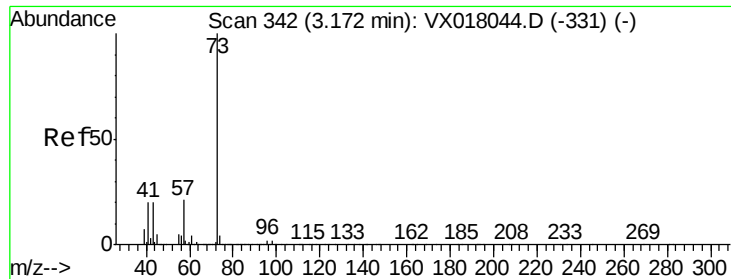
MMDadoda  
9/16/2020 11:45:06 AM



#18  
Methyl Acetate  
Concen: 18.851 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.5  | 18.2  | 27.4  |





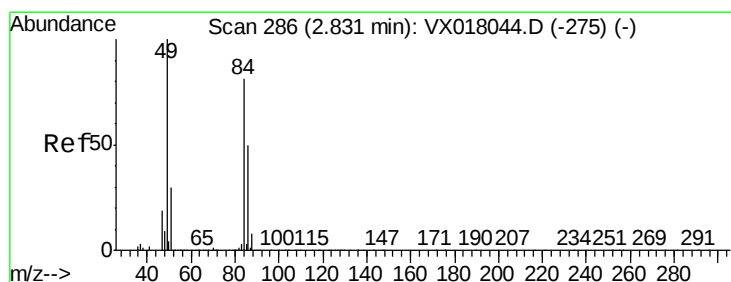
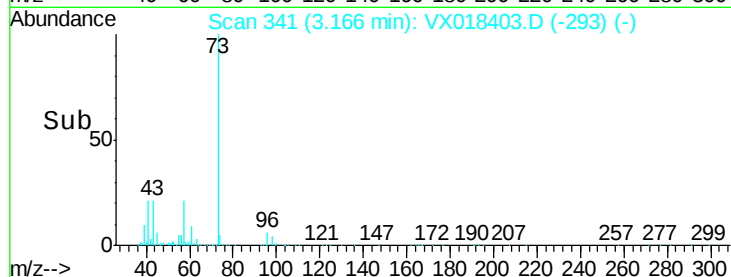
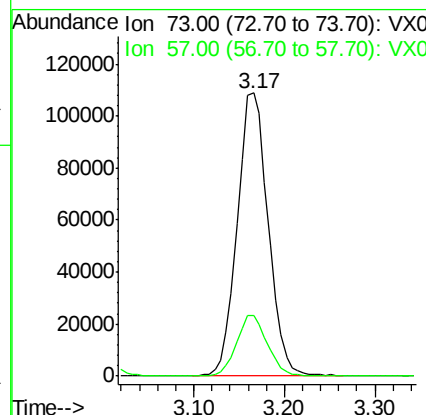
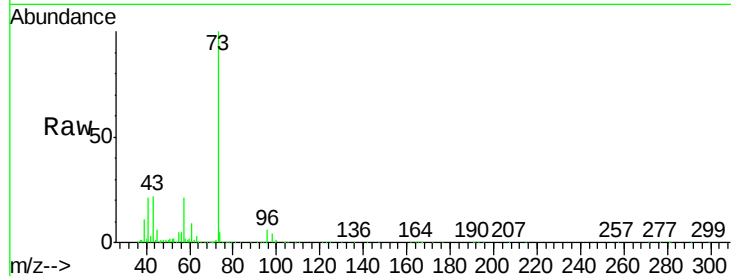
#19  
Methvl tert-butvl Ether  
Concen: 17.821 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.3  | 16.8  | 25.2  |

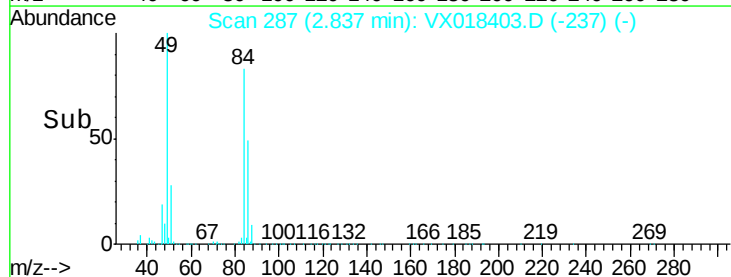
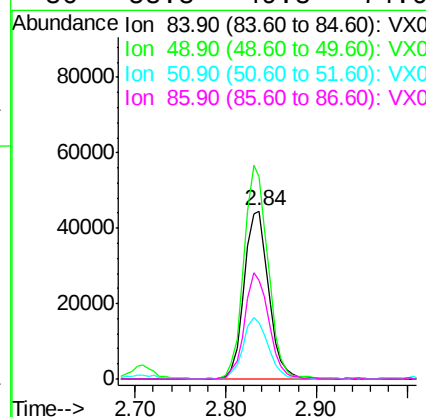
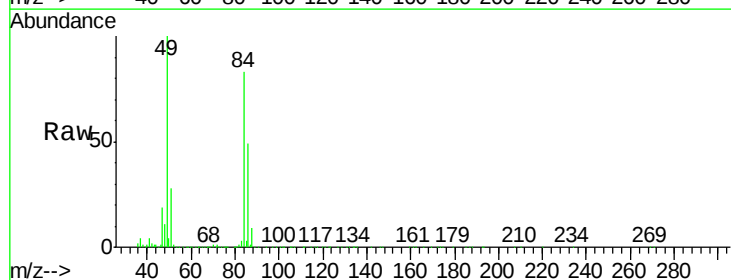
Manual Integrations  
APPROVED

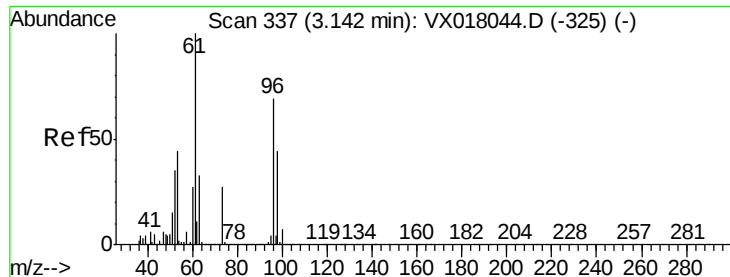
MMDadoda  
9/16/2020 11:45:06 AM



#20  
Methylene Chloride  
Concen: 16.844 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 120.1 | 98.6  | 148.0 |
| 51      | 33.5  | 29.6  | 44.4  |
| 86      | 58.8  | 49.8  | 74.6  |





#21

trans-1,2-Dichloroethene

Concen: 16.621 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

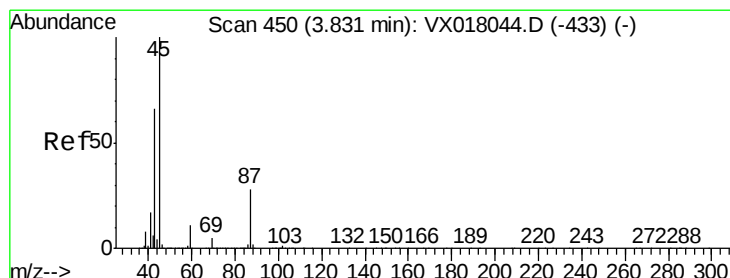
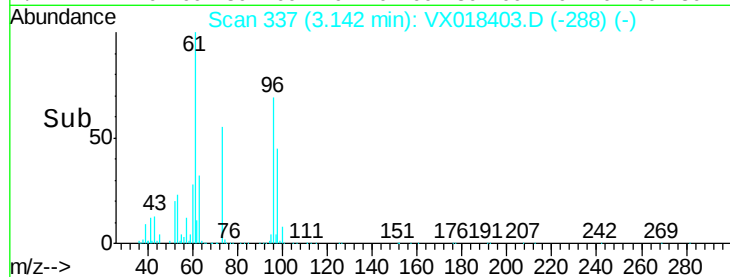
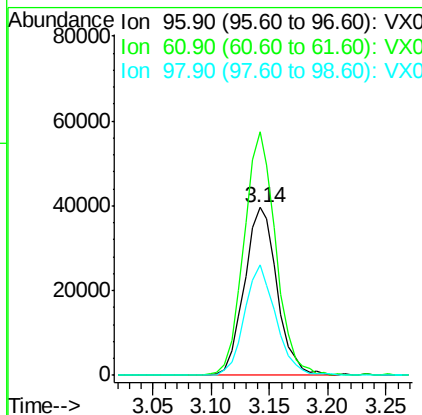
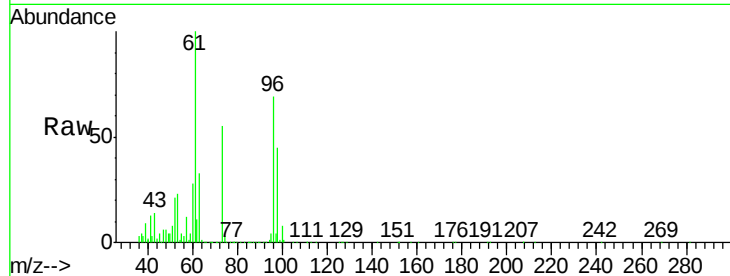
ClientSampleId :

VX0915WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 77556 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 144.8 | 115.4 | 173.0 |
| 98       | 65.5  | 51.1  | 76.7  |

Manual Integrations  
APPROVED

MMDadoda  
9/16/2020 11:45:06 AM



#22

Diisopropyl ether

Concen: 17.311 ug/l

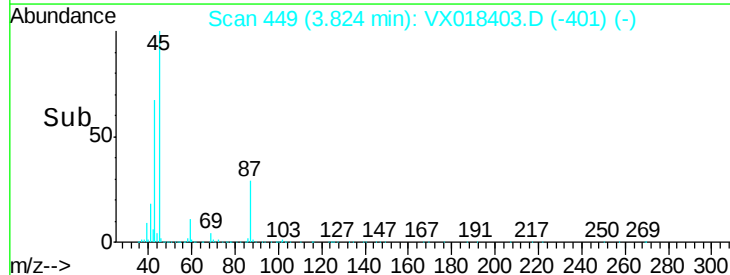
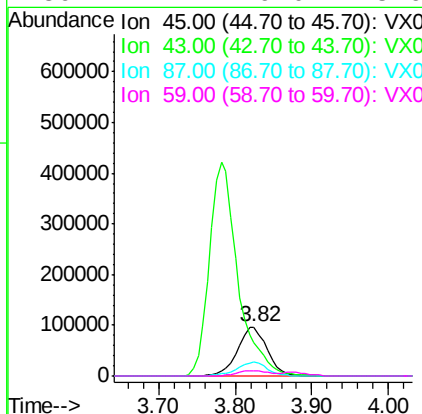
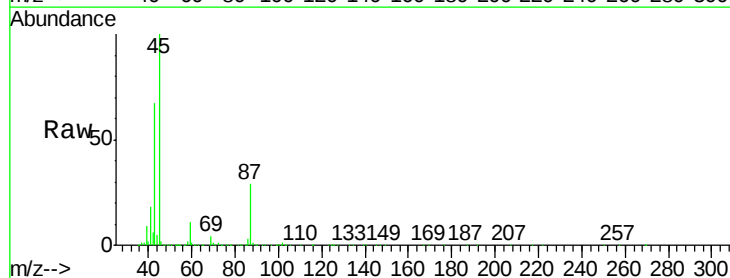
RT: 3.82 min Scan# 449

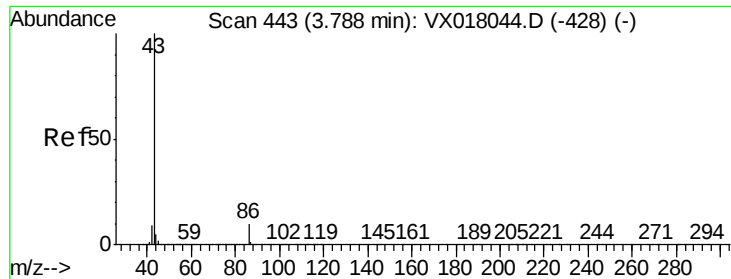
Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 258536 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 66.4  | 52.8  | 79.2   |
| 87       | 28.6  | 22.5  | 33.7   |
| 59       | 11.2  | 9.0   | 13.6   |





#23

Vinyl Acetate

Concen: 82.235 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0915WBS01

Tot Ion: 43 Resp: 1092826

Ion Ratio Lower Upper

43 100

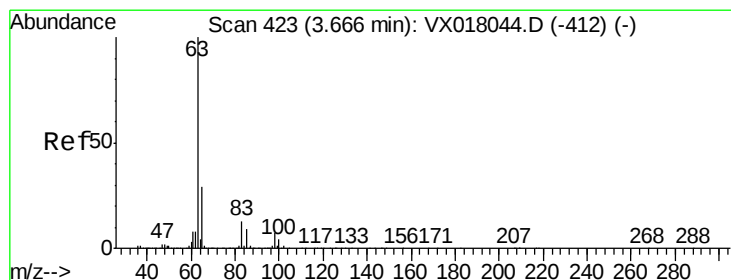
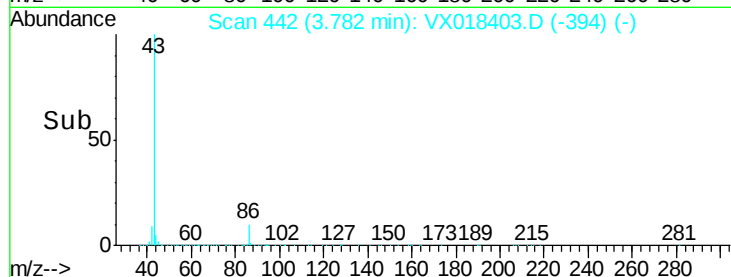
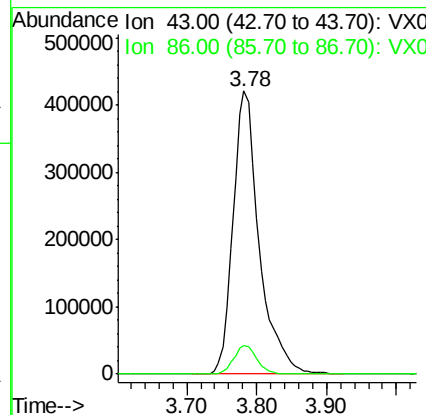
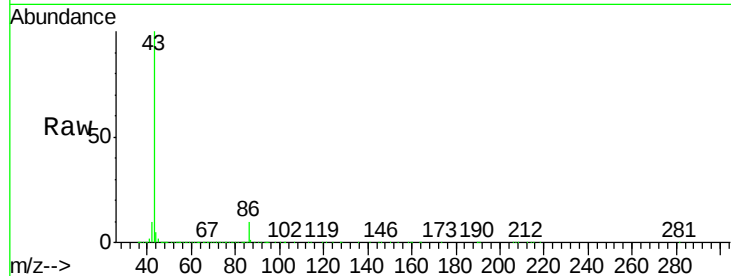
86 10.0 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.703 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

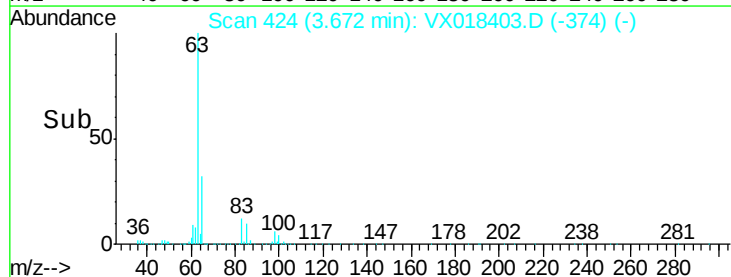
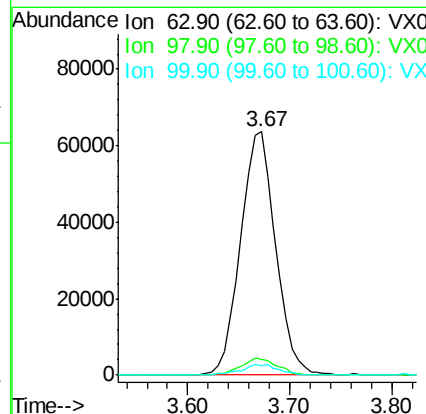
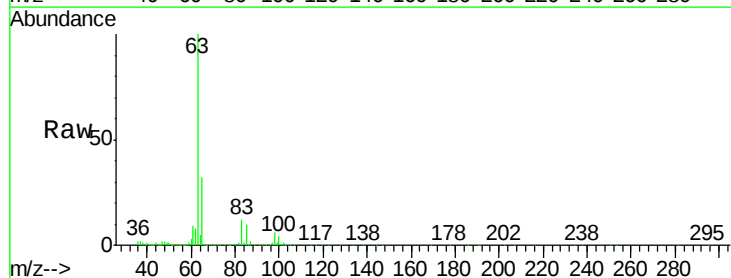
Tgt Ion: 63 Resp: 150500

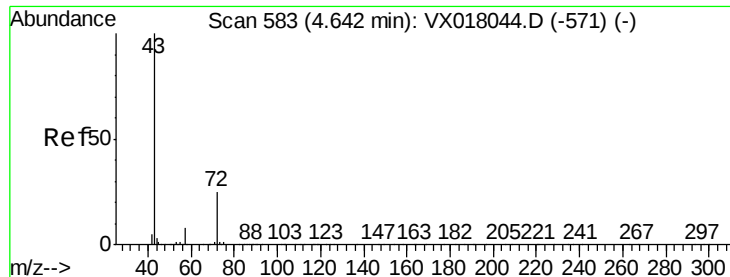
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 3.6 2.0 6.0





#25

2-Butanone

Concen: 75.375 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0915WBS01

Tot Ion: 43 Resp: 288802

Ion Ratio Lower Upper

43 100

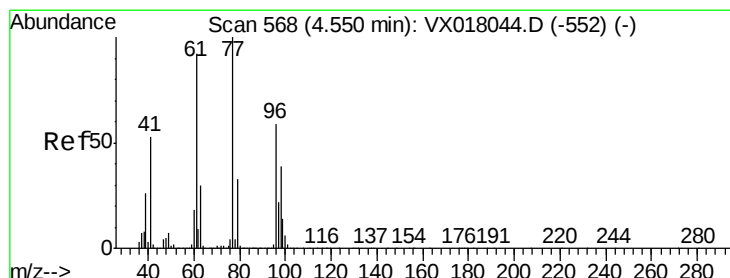
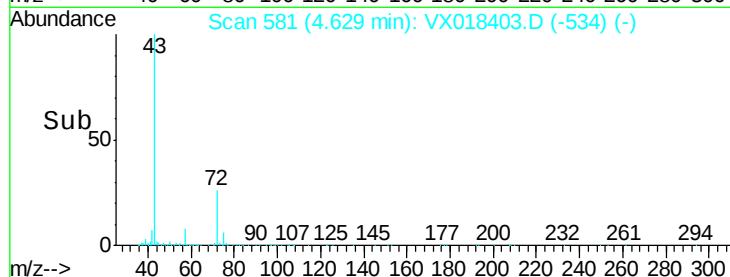
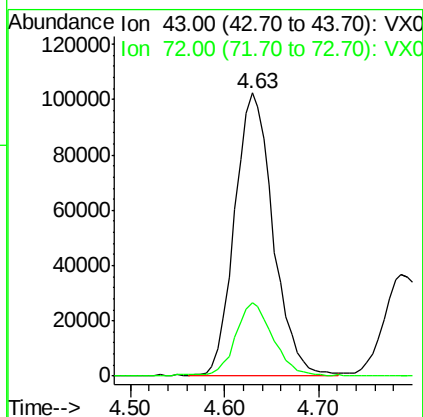
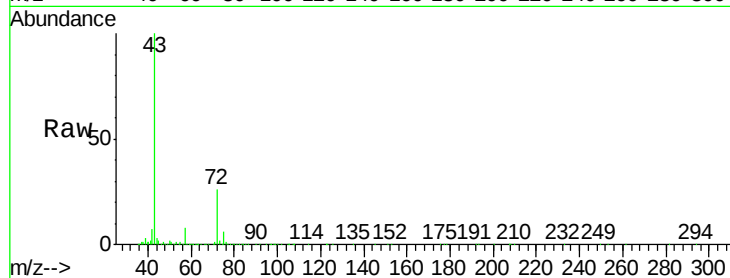
72 25.8 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.347 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018403.D

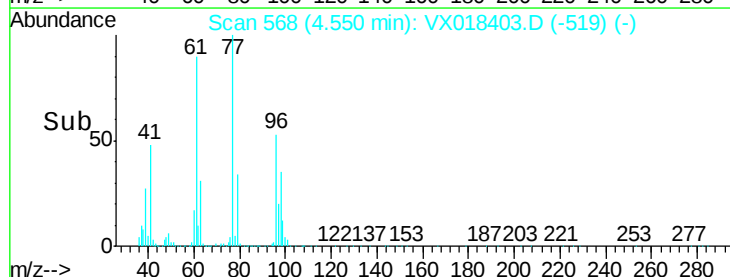
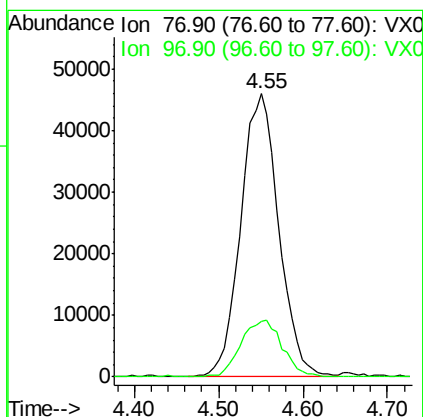
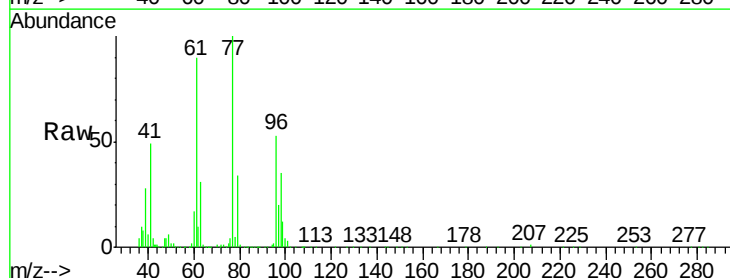
Acq: 15 Sep 2020 13:46

Tgt Ion: 77 Resp: 140743

Ion Ratio Lower Upper

77 100

97 21.6 11.5 34.5





#27

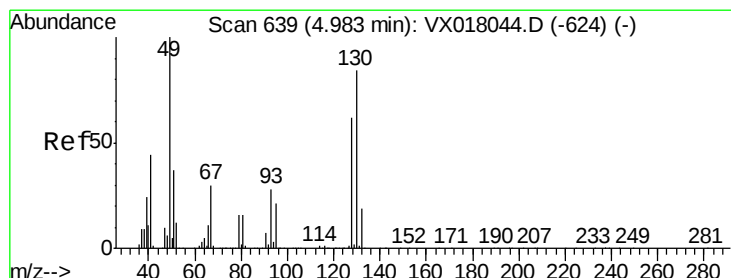
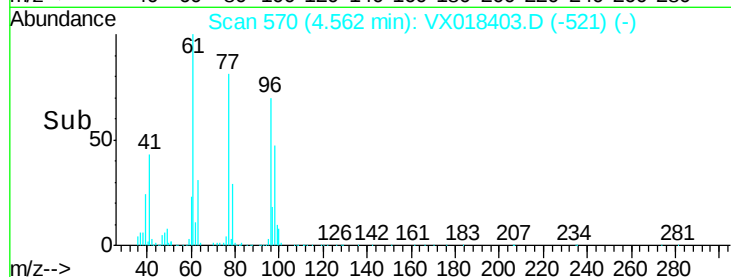
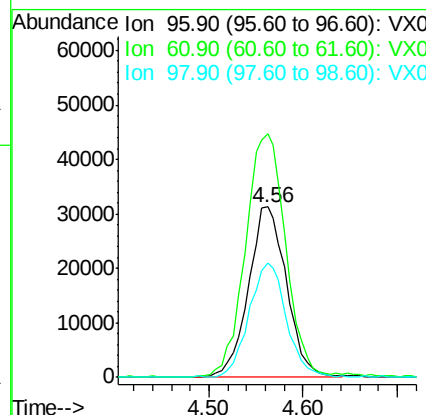
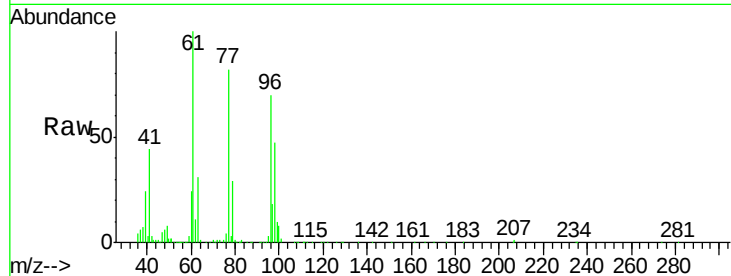
cis-1,2-Dichloroethene  
Concen: 16.470 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 150.7 | 0.0   | 296.6 |
| 98      | 65.7  | 0.0   | 130.2 |

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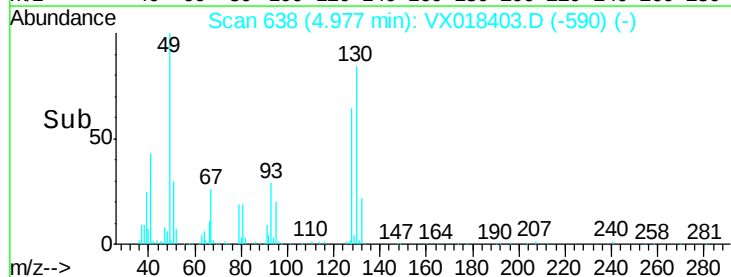
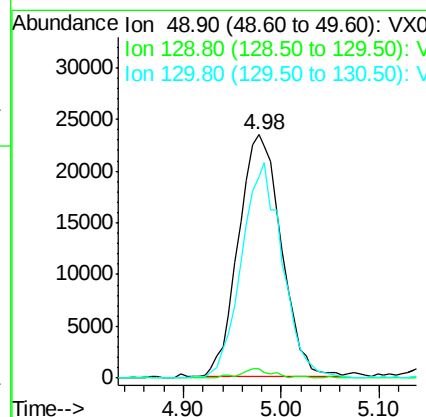
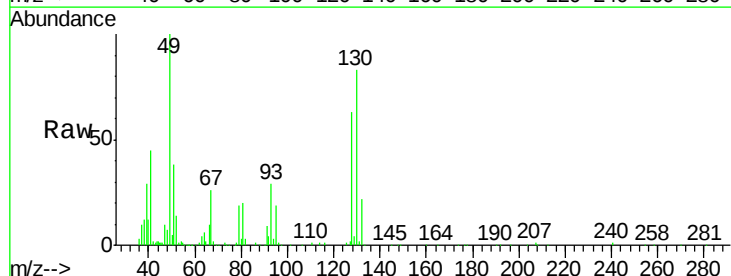
MMDadoda  
9/16/2020 11:45:06 AM



#28

Bromochloromethane  
Concen: 17.318 ug/l  
RT: 4.98 min Scan# 638  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.7   | 0.0   | 4.6   |
| 130     | 85.4  | 64.6  | 96.8  |





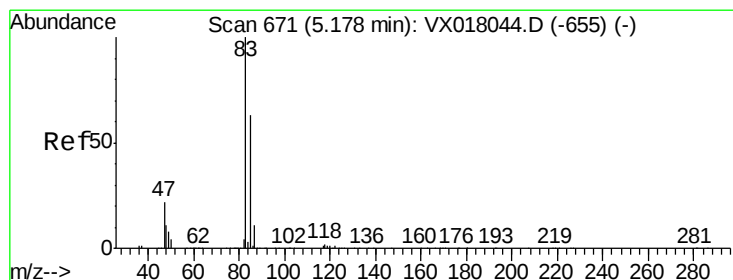
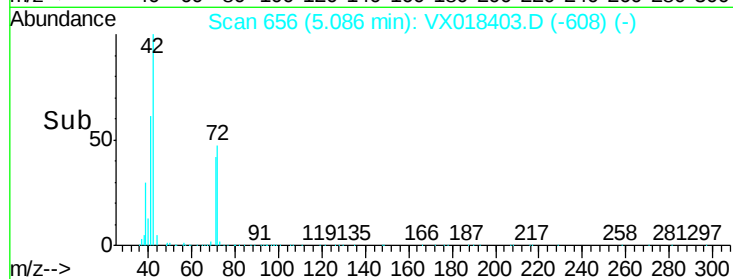
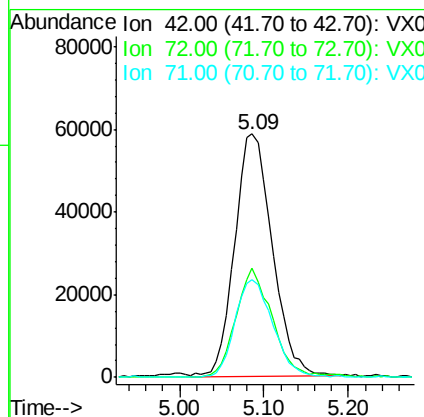
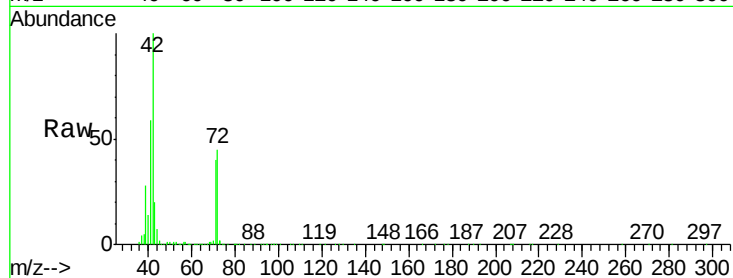
#29  
Tetrahydrofuran  
Concen: 72.579 ug/l  
RT: 5.09 min Scan# 656  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.2  | 34.2  | 51.4  |
| 71      | 41.2  | 32.1  | 48.1  |

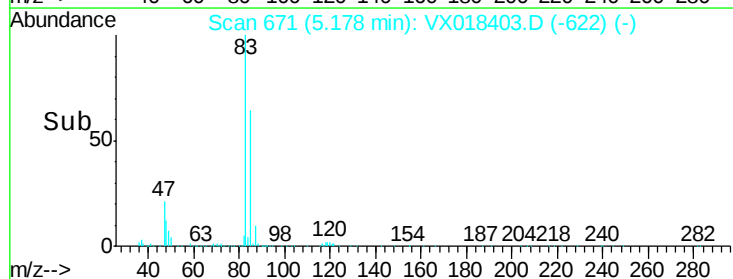
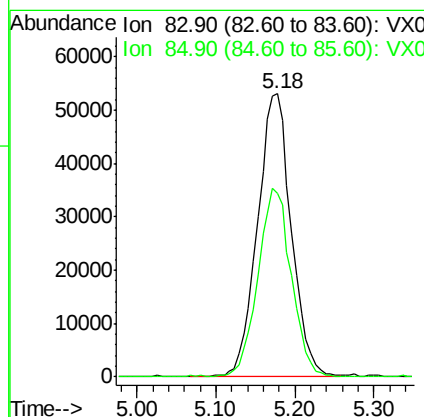
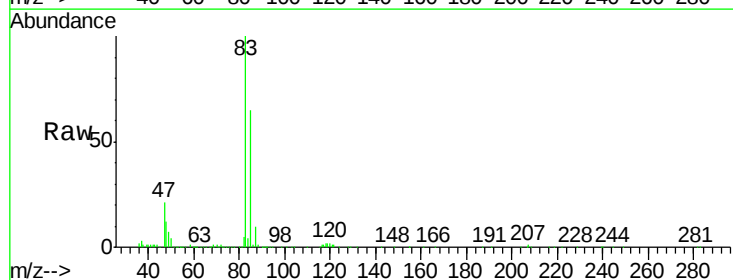
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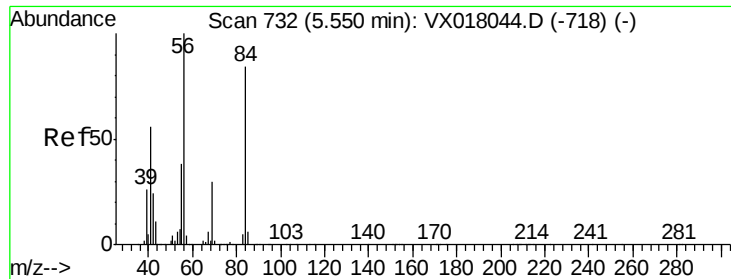
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#30  
Chloroform  
Concen: 17.944 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.6  | 50.7  | 76.1  |





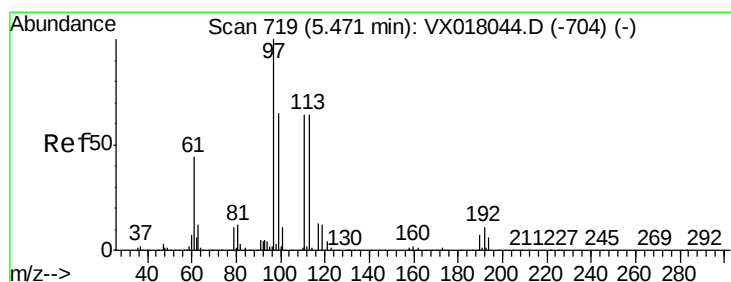
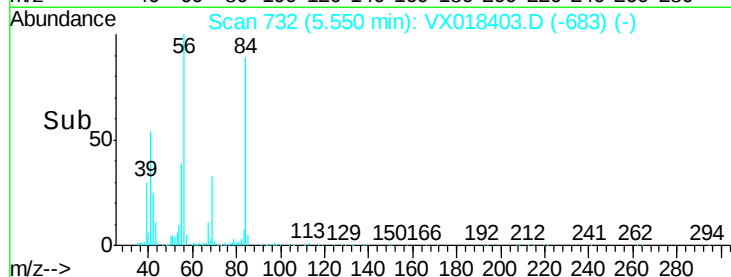
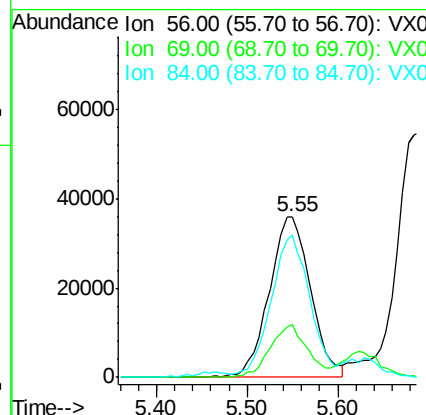
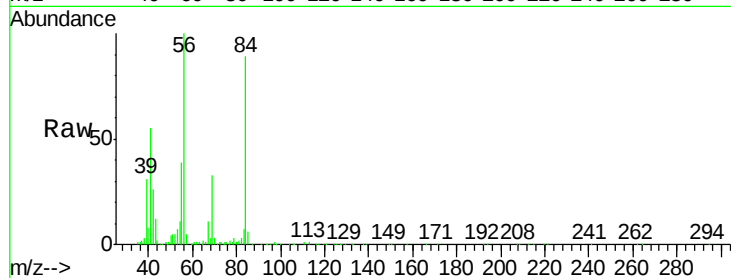
#31  
Cyclohexane  
Concen: 15.802 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.8  | 23.9  | 35.9  |
| 84      | 87.7  | 67.0  | 100.4 |

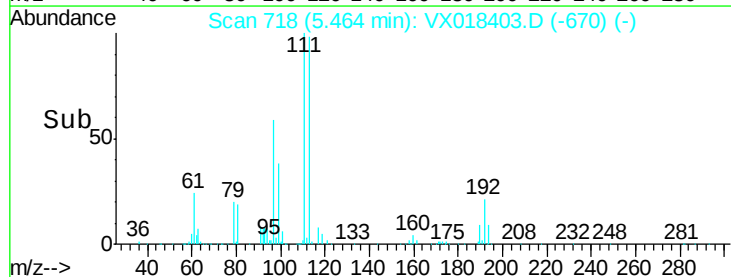
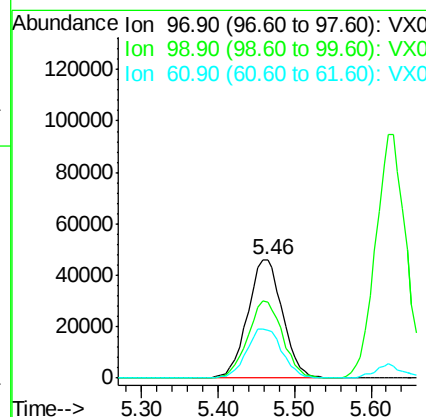
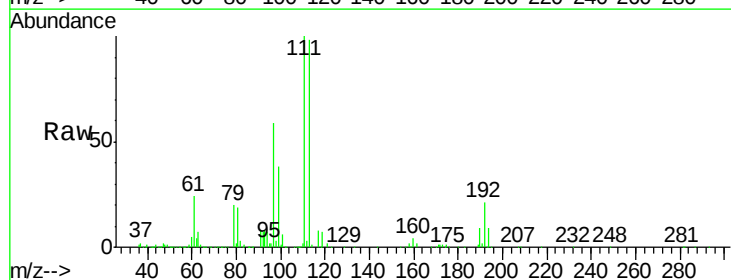
Manual Integrations  
APPROVED

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9/16/2020 11:45:06 AM



#32  
1,1,1-Trichloroethane  
Concen: 18.041 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.2  | 51.4  | 77.0  |
| 61      | 42.6  | 34.2  | 51.4  |





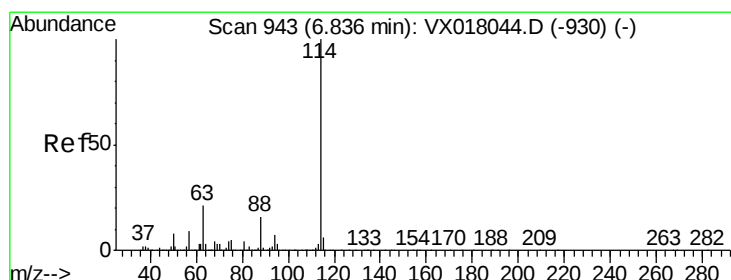
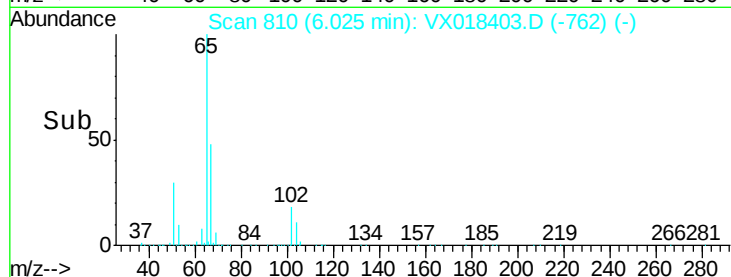
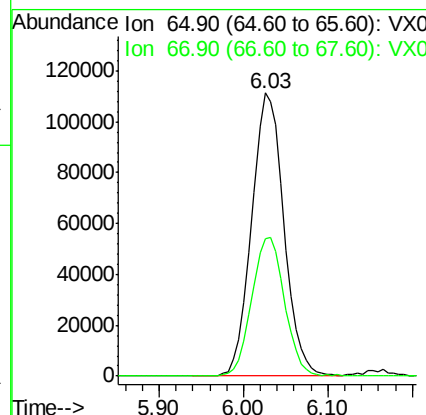
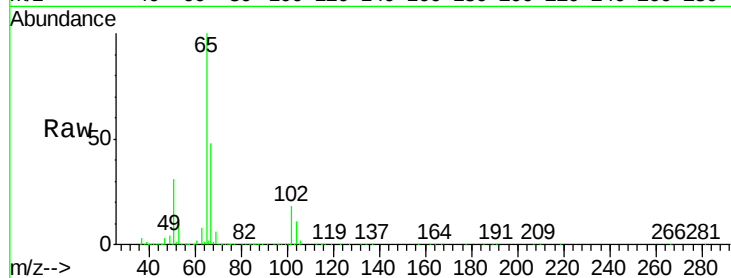
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.290 ug/l  
 RT: 6.03 min Scan# 810  
 Delta R.T. -0.01 min  
 Lab File: VX018403.D  
 Acq: 15 Sep 2020 13:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0915WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 288921 |       |       |
| 67      | 49.5  | 0.0    | 105.8 |       |

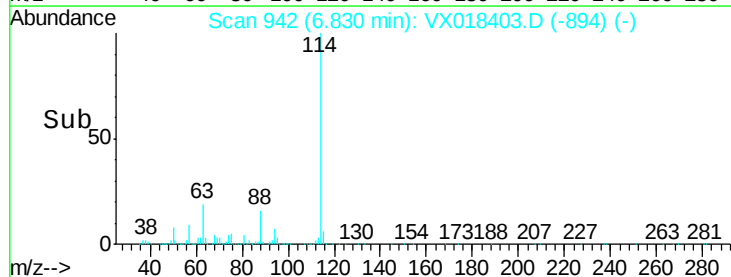
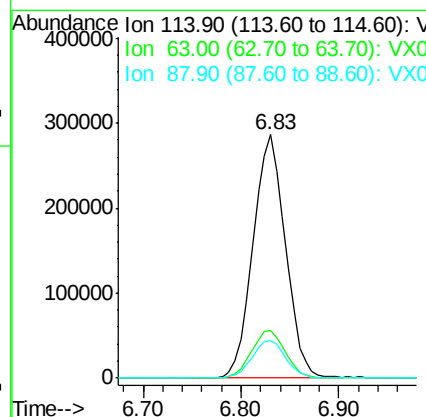
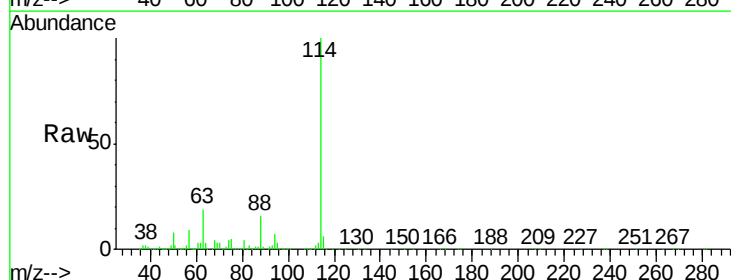
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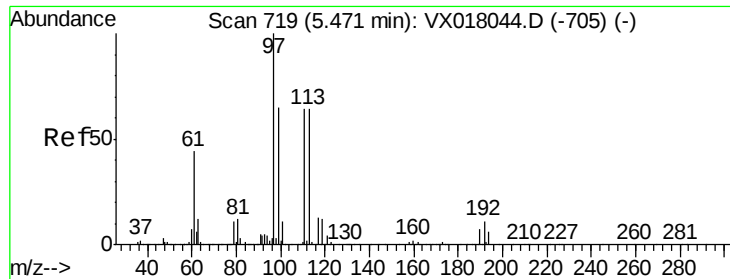
MMDadoda  
 9/16/2020 11:45:06 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.01 min  
 Lab File: VX018403.D  
 Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 657115 |       |       |
| 63      | 19.4  | 0.0    | 42.6  |       |
| 88      | 15.6  | 0.0    | 31.8  |       |





#35

Dibromofluoromethane

Concen: 49.441 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

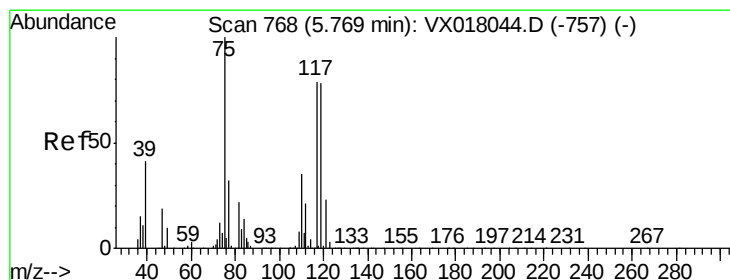
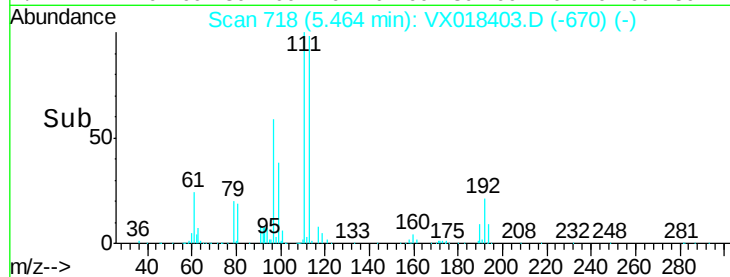
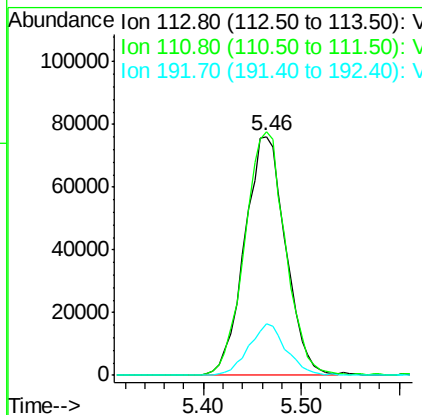
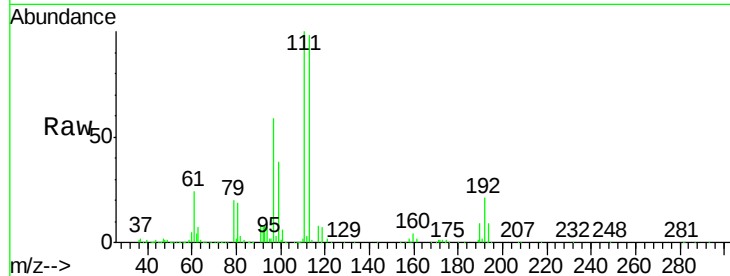
ClientSampleId :

VX0915WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 221260 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.3 | 81.6  | 122.4  |
| 192       | 19.8  | 15.8  | 23.8   |

Manual Integrations  
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#36

1,1-Dichloropropene

Concen: 18.266 ug/l

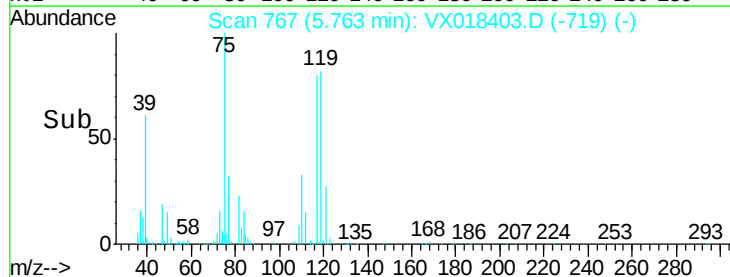
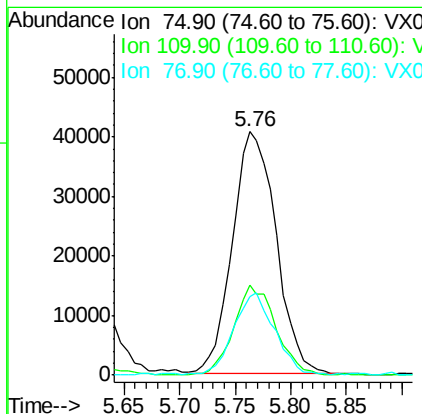
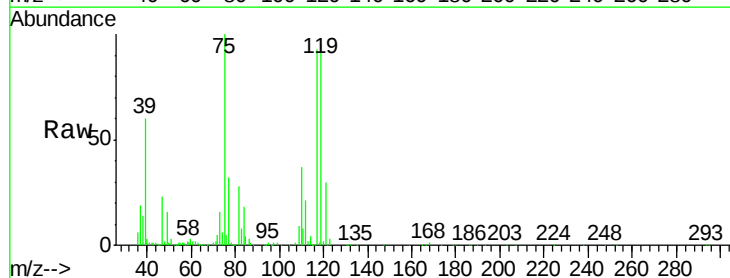
RT: 5.76 min Scan# 767

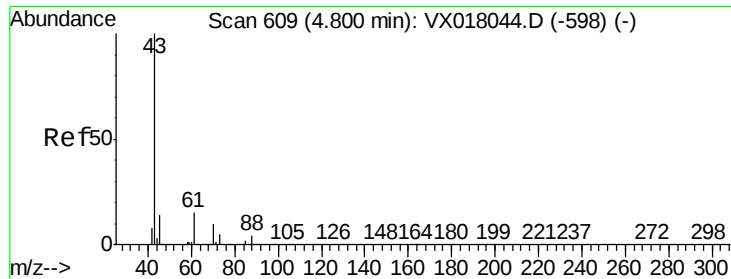
Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 110705 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 35.9  | 18.0  | 54.0   |
| 77        | 31.4  | 24.4  | 36.6   |





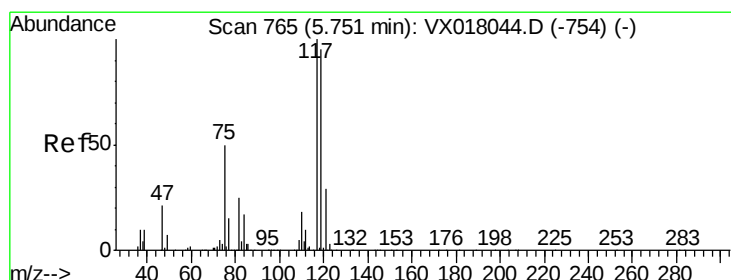
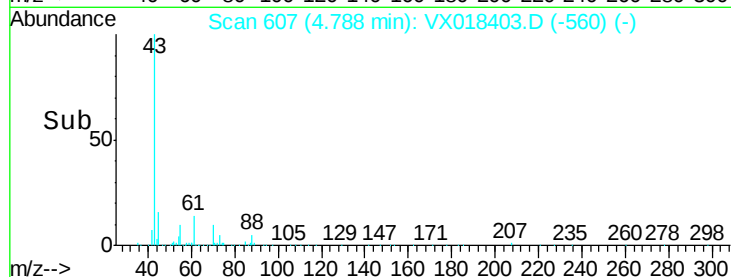
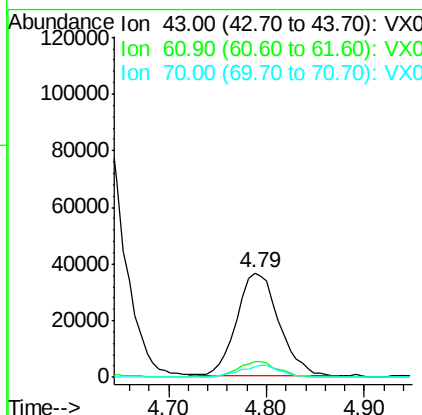
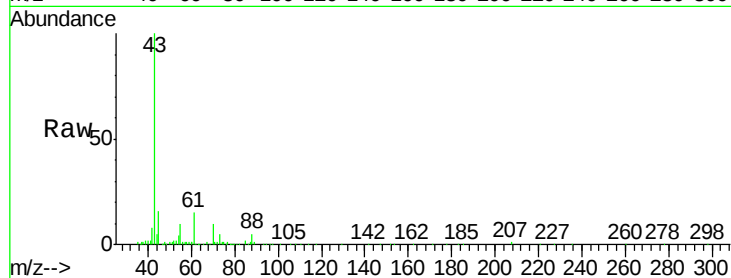
#37  
Ethyl Acetate  
Concen: 15.455 ug/l  
RT: 4.79 min Scan# 607  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.3  | 11.3  | 16.9  |
| 70      | 11.5  | 8.2   | 12.4  |

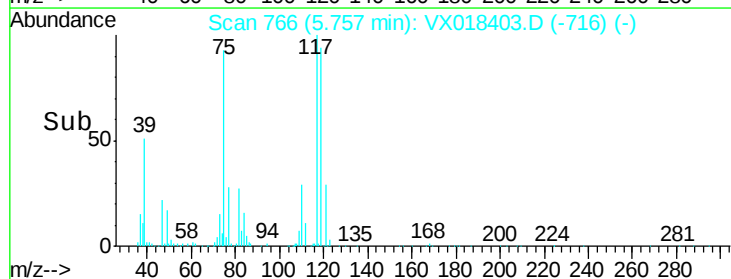
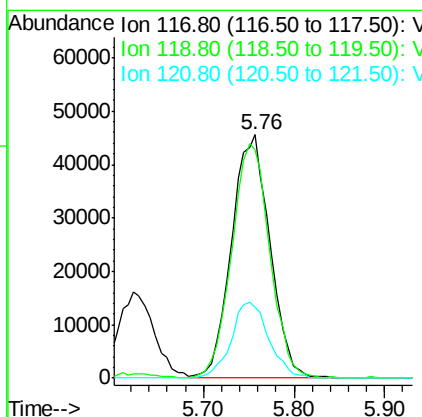
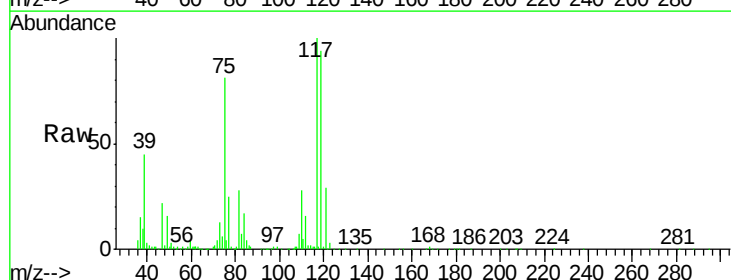
Manual Integrations  
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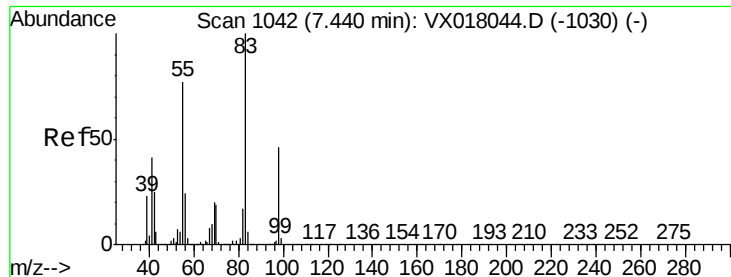
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 19.604 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.8  | 75.8  | 113.6 |
| 121     | 29.2  | 23.4  | 35.0  |





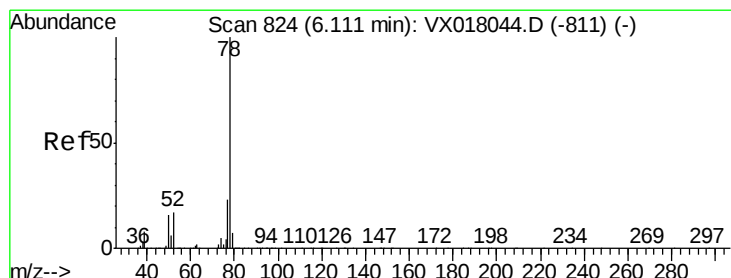
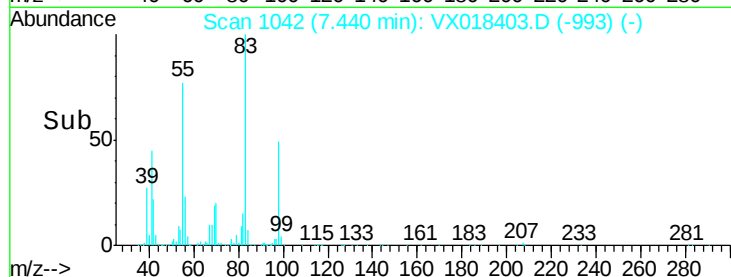
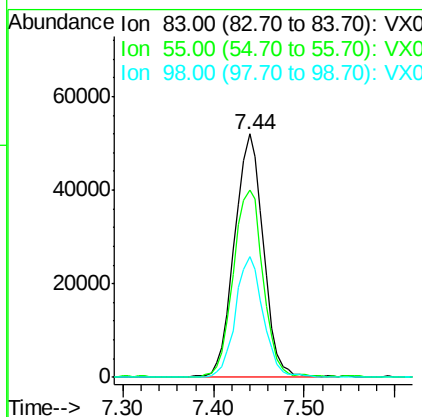
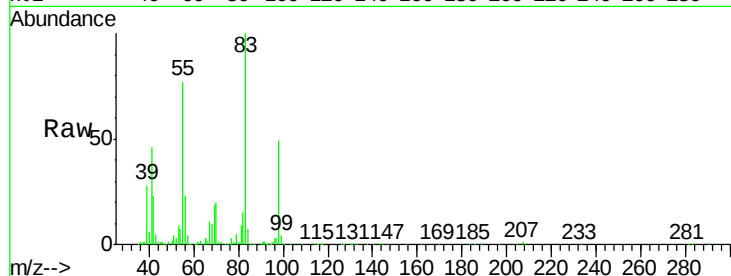
#39  
Methvlcvclohexane  
Concen: 17.385 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 76.9  | 61.8  | 92.6  |
| 98      | 49.4  | 36.6  | 55.0  |

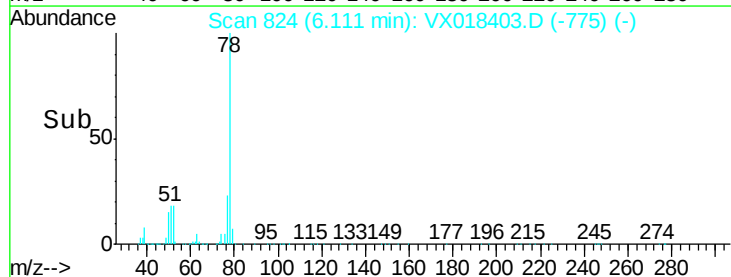
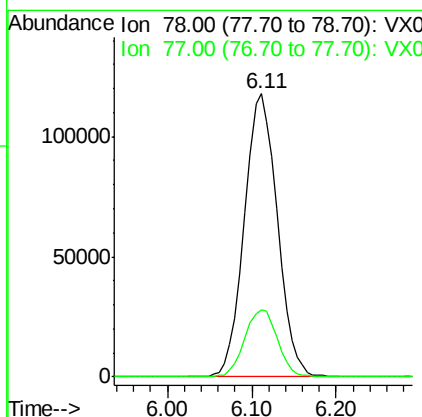
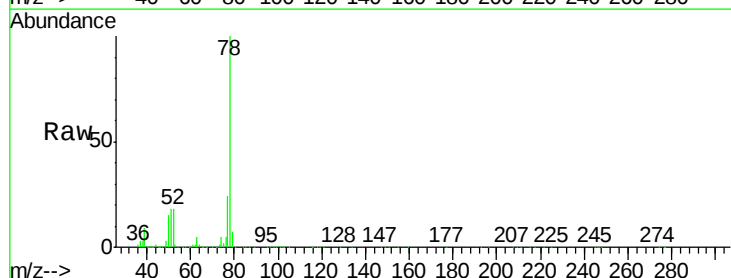
Manual Integrations  
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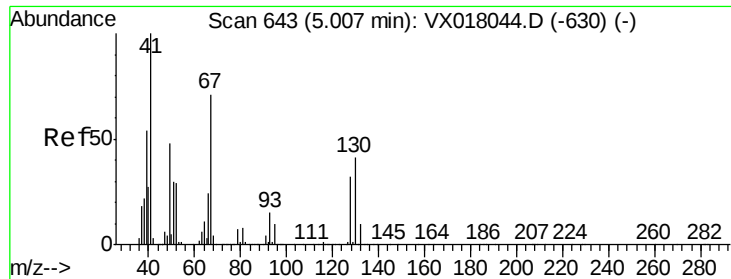
MMDadoda  
9/16/2020 11:45:06 AM



#40  
Benzene  
Concen: 17.604 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.4  | 18.2  | 27.2  |





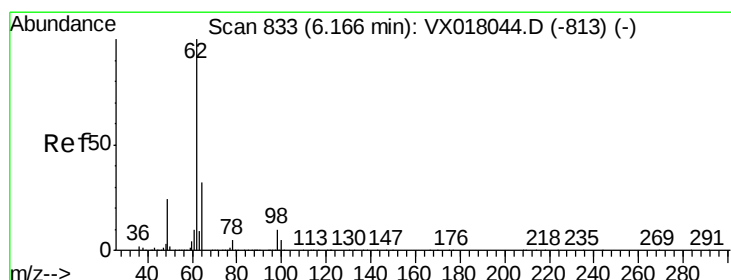
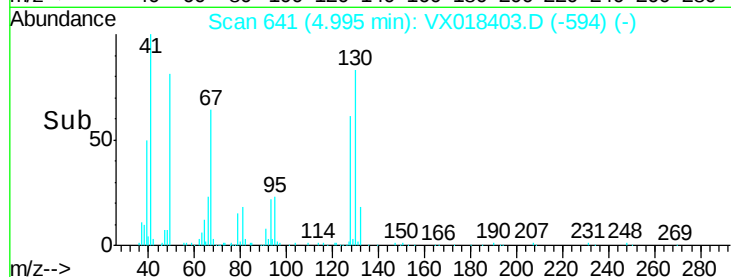
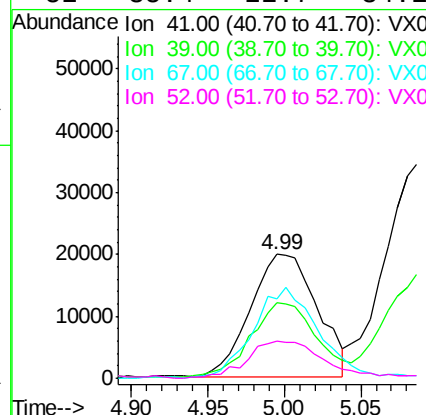
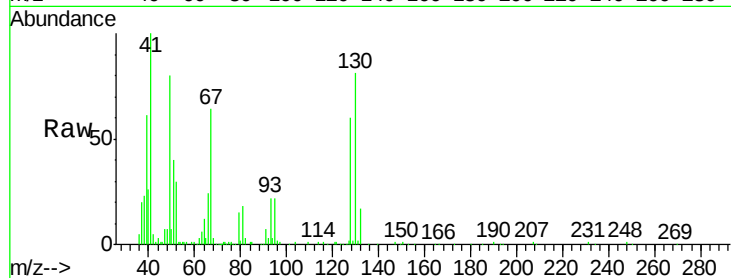
#41  
Methacrylonitrile  
Concen: 15.368 ug/l  
RT: 4.99 min Scan# 641  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 60.0 | 43.1  | 64.7  |       |
| 67      | 72.5 | 56.0  | 84.0  |       |
| 52      | 35.4 | 22.7  | 34.1  | #     |

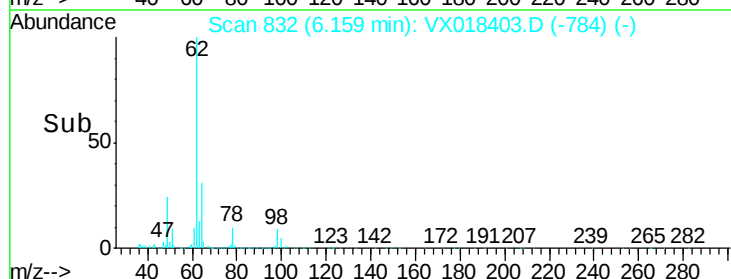
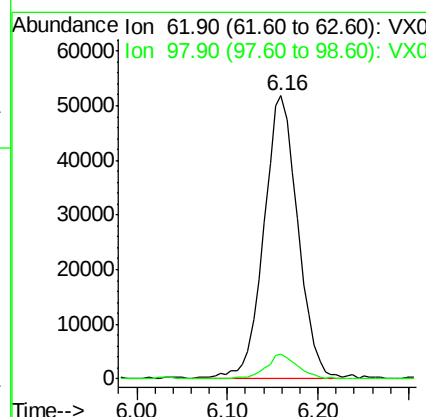
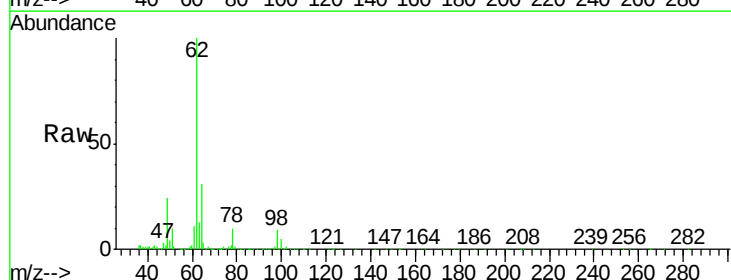
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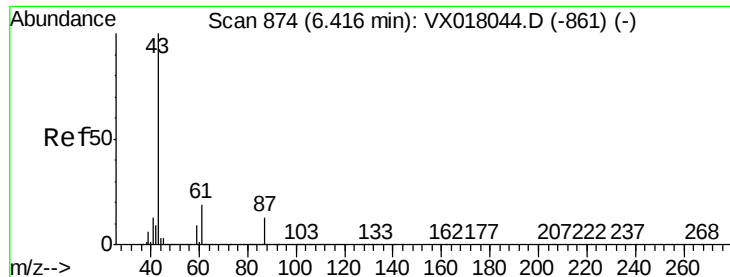
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 19.567 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.2 | 0.0   | 18.2  |       |





#43

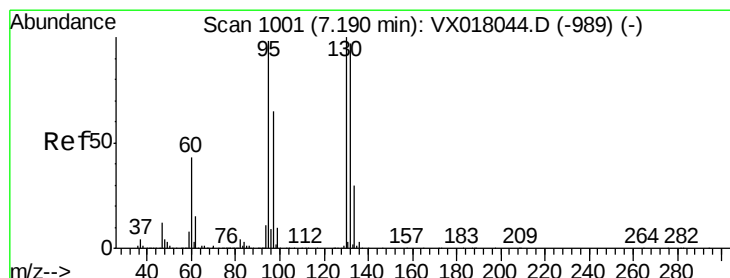
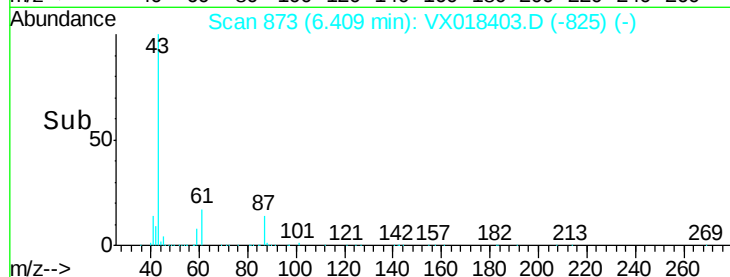
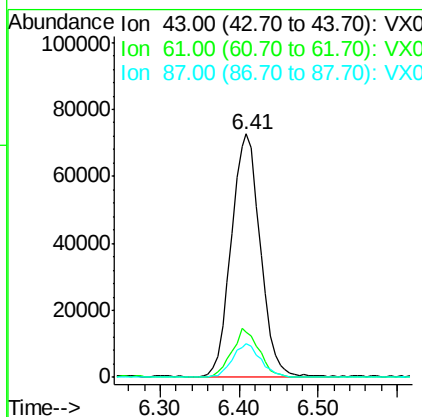
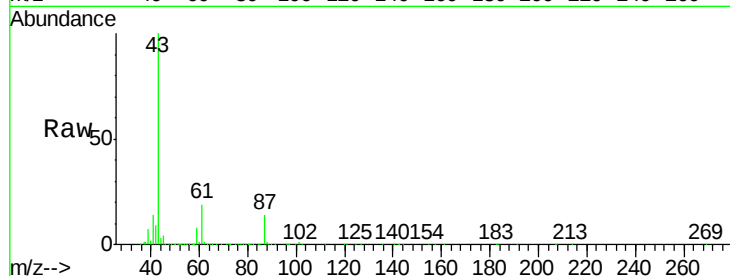
Isopropyl Acetate  
 Concen: 16.331 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: VX018403.D  
 Acq: 15 Sep 2020 13:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.0  | 15.7  | 23.5  |
| 87      | 13.7  | 10.3  | 15.5  |

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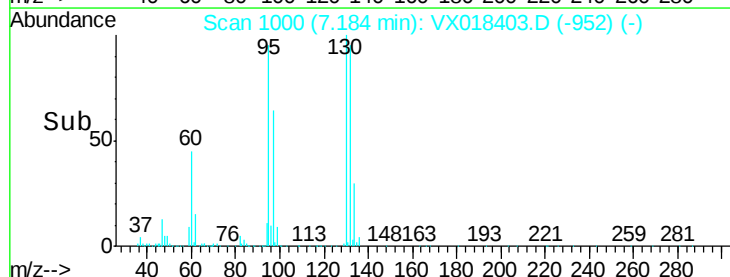
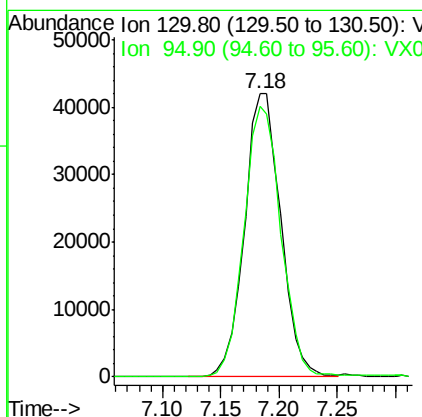
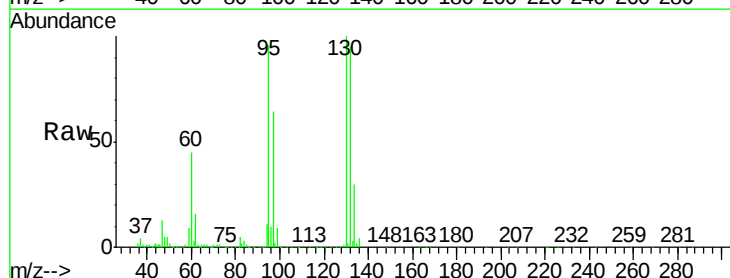
MMDadoda  
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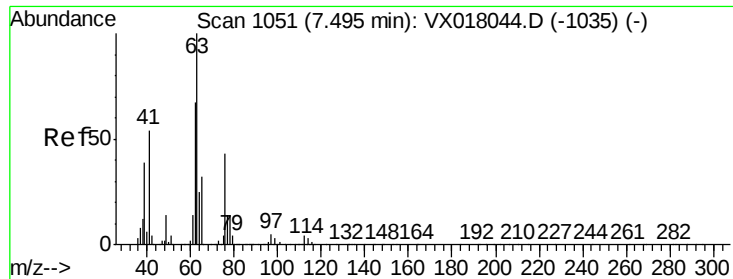


#44

Trichloroethene  
 Concen: 18.156 ug/l  
 RT: 7.18 min Scan# 1000  
 Delta R.T. -0.01 min  
 Lab File: VX018403.D  
 Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 95.7  | 0.0   | 196.4 |





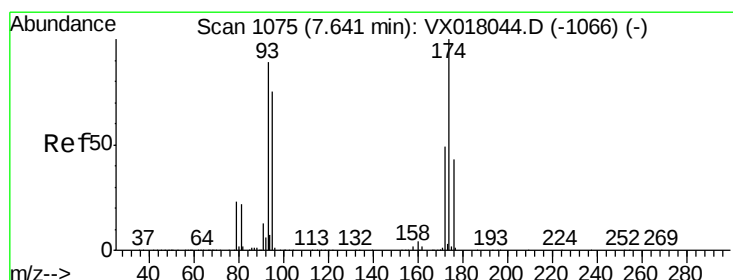
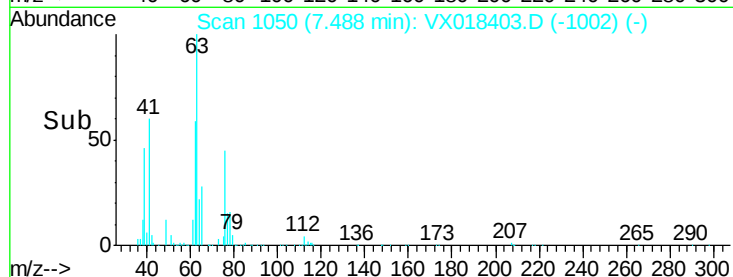
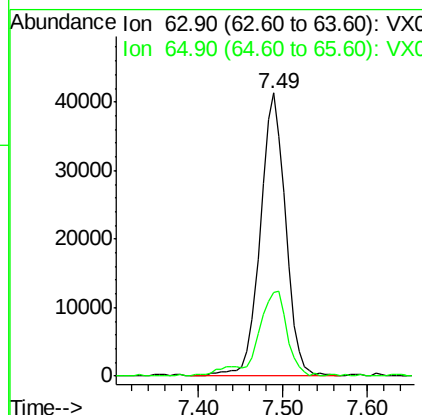
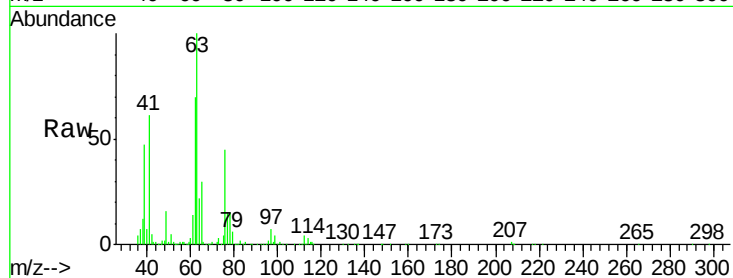
#45  
 1,2-Dichloropropane  
 Concen: 17.834 ug/l  
 RT: 7.49 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VX018403.D  
 Acq: 15 Sep 2020 13:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 29.6  | 25.7  | 38.5  |

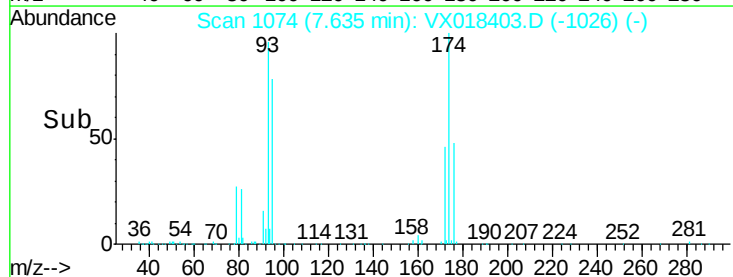
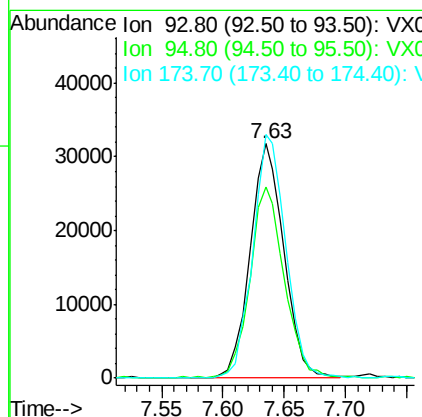
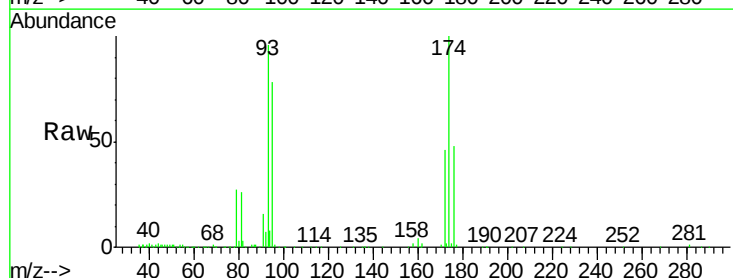
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#46  
 Dibromomethane  
 Concen: 18.106 ug/l  
 RT: 7.63 min Scan# 1074  
 Delta R.T. -0.01 min  
 Lab File: VX018403.D  
 Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.9  | 67.3  | 100.9 |
| 174     | 101.8 | 82.2  | 123.2 |





#47

Bromodichloromethane

Concen: 18.782 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

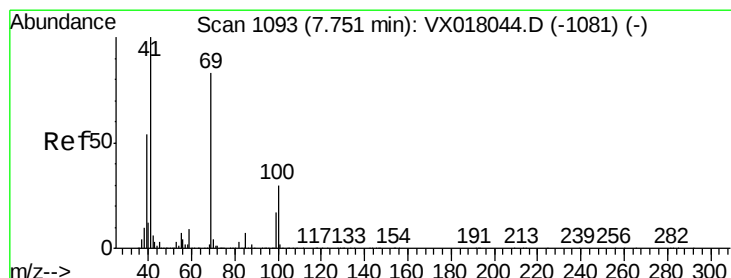
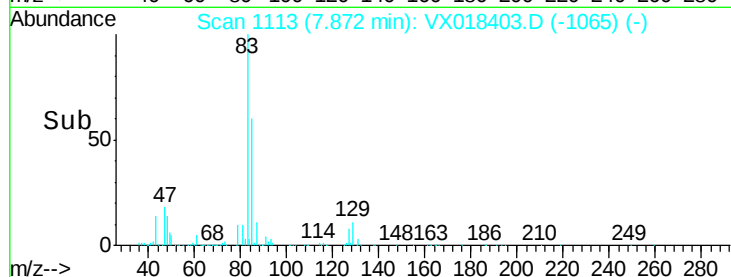
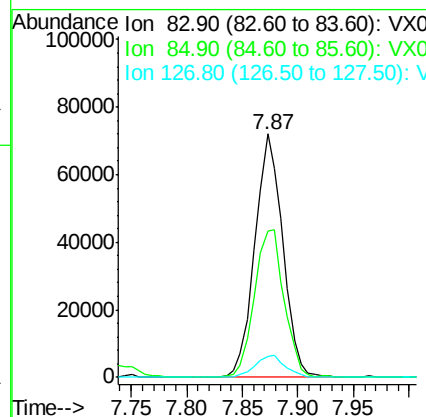
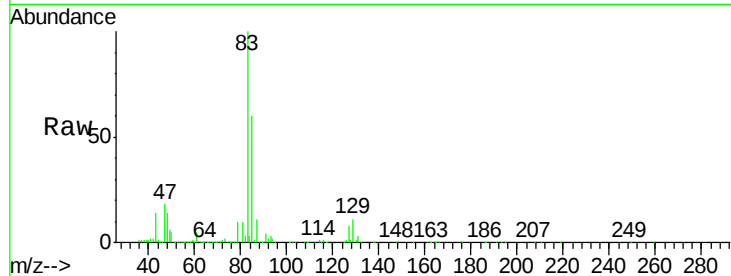
ClientSampleId :

VX0915WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 126581 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 60.1  | 51.8  | 77.6   |
| 127       | 8.5   | 7.7   | 11.5   |

Manual Integrations  
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9/16/2020 11:45:06 AM



#48

Methyl methacrylate

Concen: 16.162 ug/l

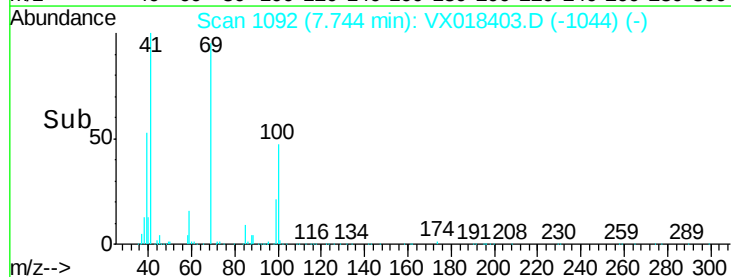
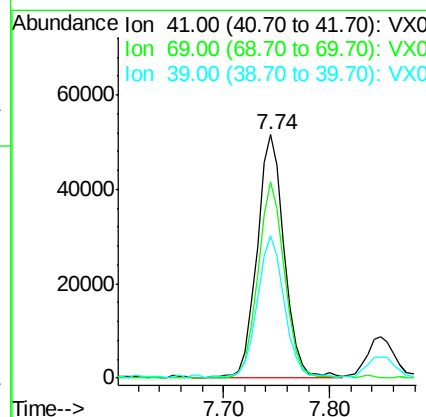
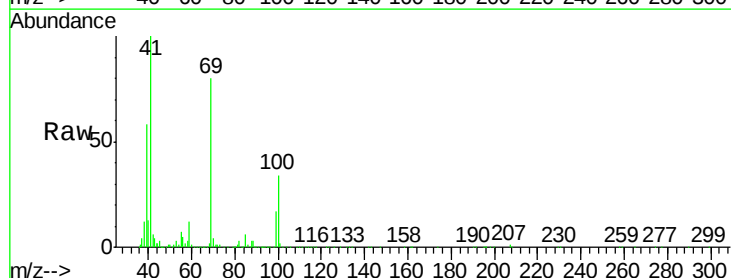
RT: 7.74 min Scan# 1092

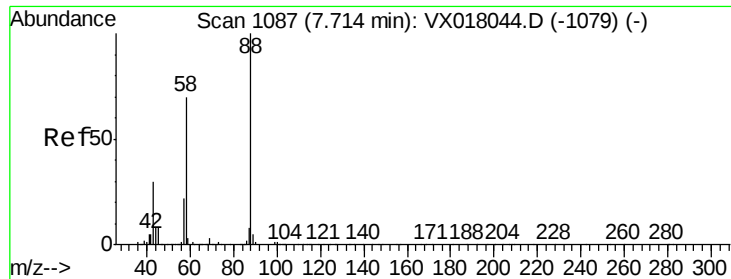
Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 91479 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 79.1  | 65.5  | 98.3  |
| 39        | 57.7  | 44.5  | 66.7  |





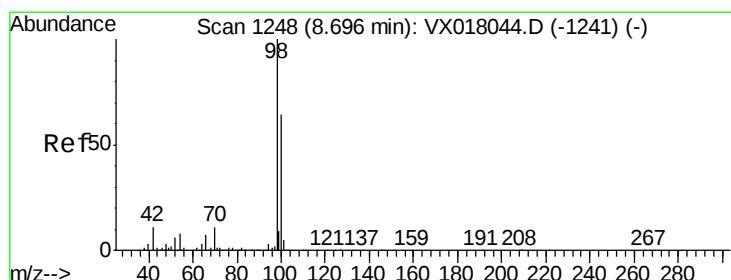
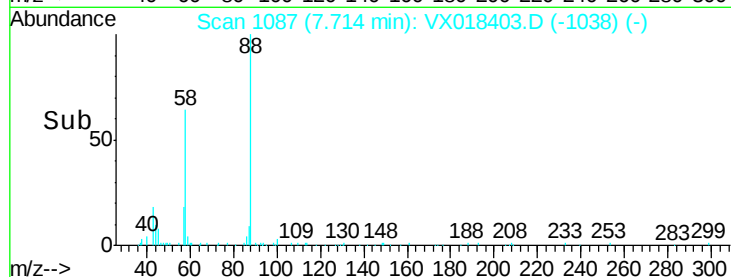
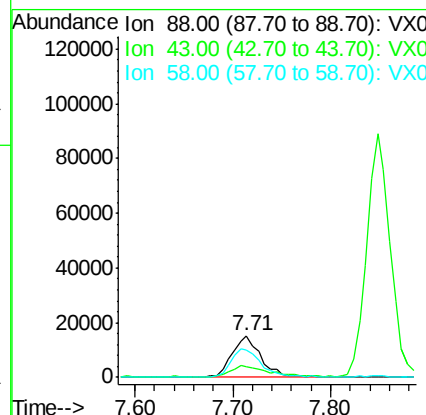
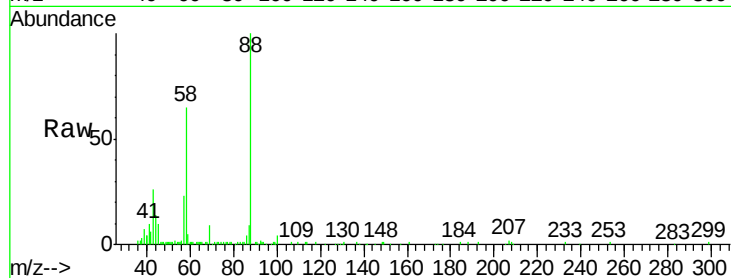
#49  
1,4-Dioxane  
Concen: 306.176 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 39.5  | 27.4  | 41.0  |
| 58      | 66.8  | 56.4  | 84.6  |

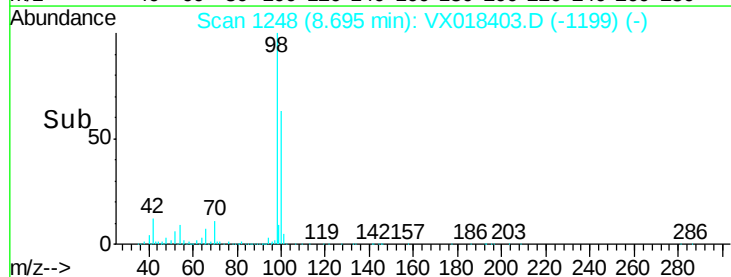
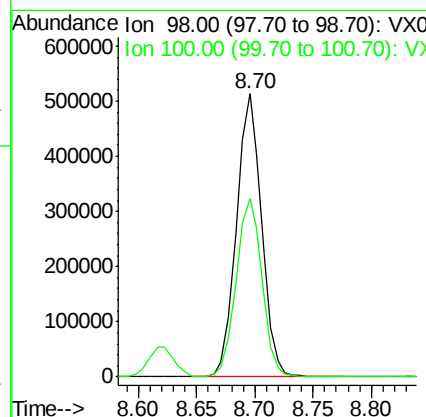
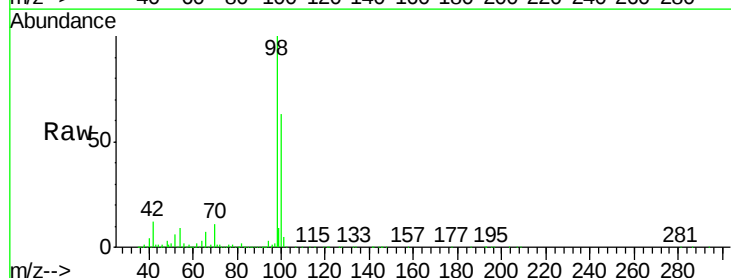
Manual Integrations  
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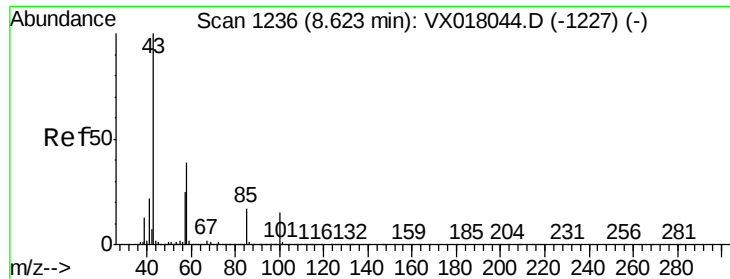
MMDadoda  
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#50  
Toluene-d8  
Concen: 46.338 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.3  | 52.2  | 78.4  |





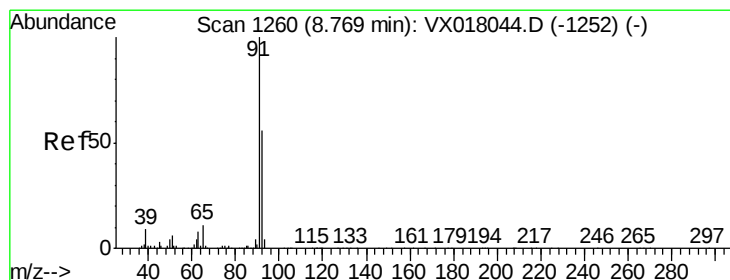
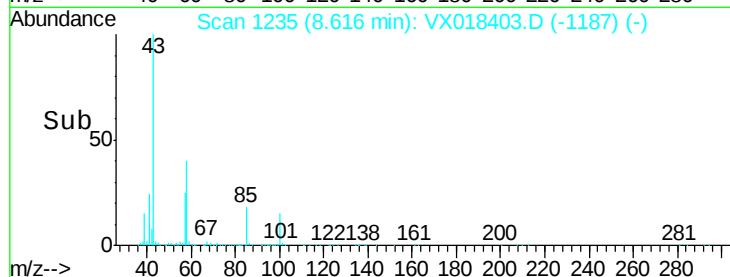
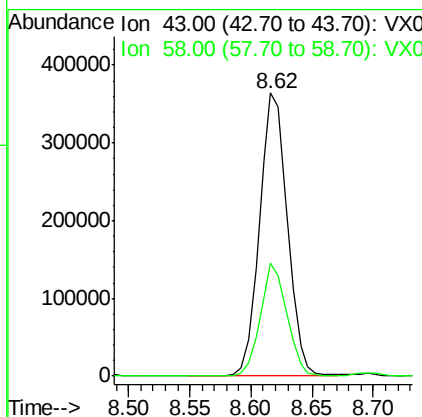
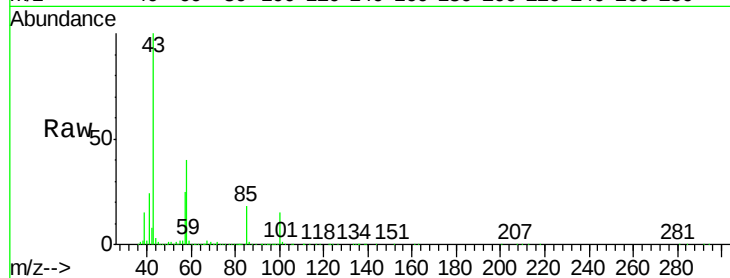
#51  
 4-Methyl-2-Pentanone  
 Concen: 82.341 ug/l  
 RT: 8.62 min Scan# 1235  
 Delta R.T. -0.01 min  
 Lab File: VX018403.D  
 Acq: 15 Sep 2020 13:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 38.1  | 30.7  | 46.1  |

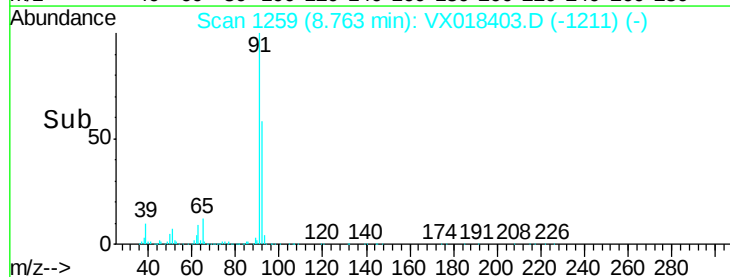
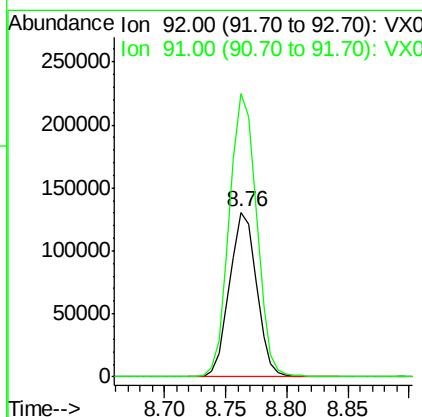
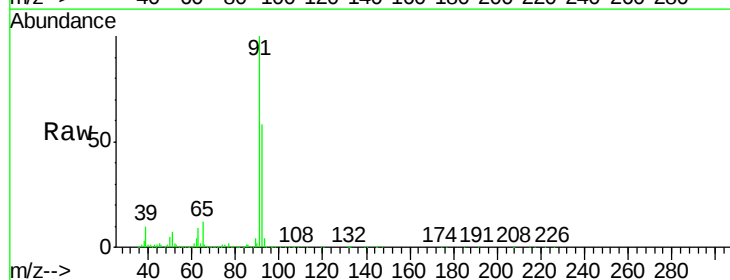
Manual Integrations  
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#52  
 Toluene  
 Concen: 17.690 ug/l  
 RT: 8.76 min Scan# 1259  
 Delta R.T. -0.01 min  
 Lab File: VX018403.D  
 Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 174.0 | 140.3 | 210.5 |





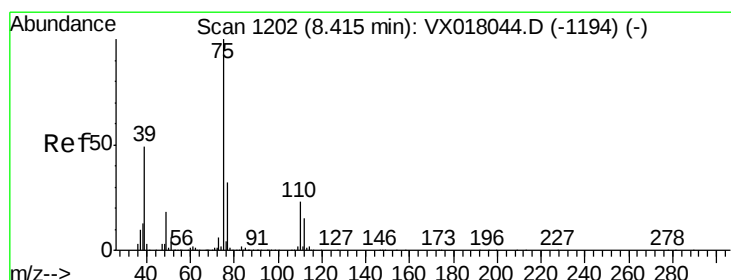
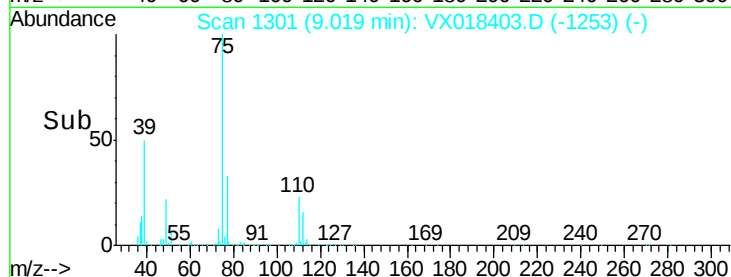
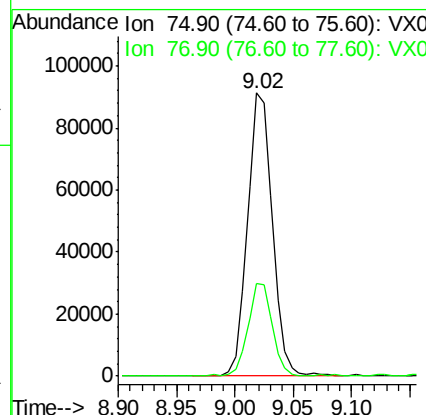
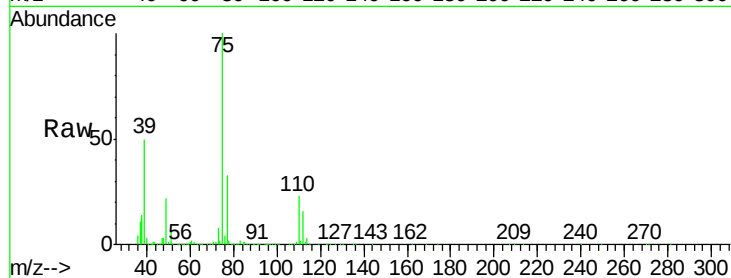
#53  
t-1,3-Dichloropropene  
Concen: 18.282 ug/l  
RT: 9.02 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.7  | 26.6  | 39.8  |

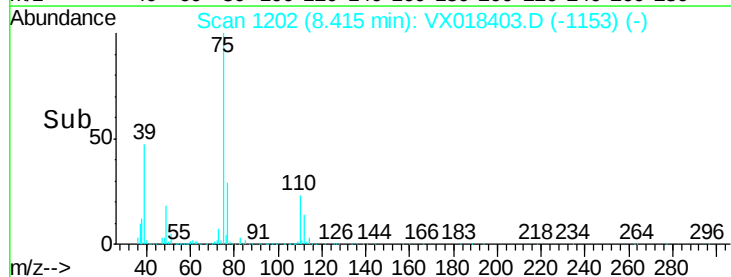
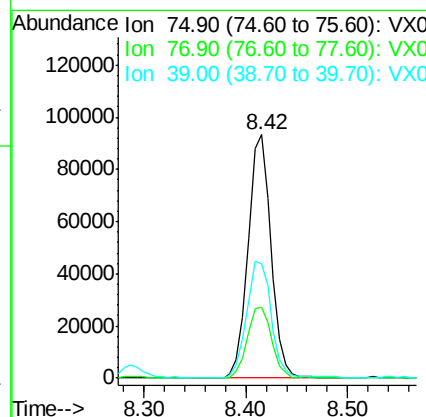
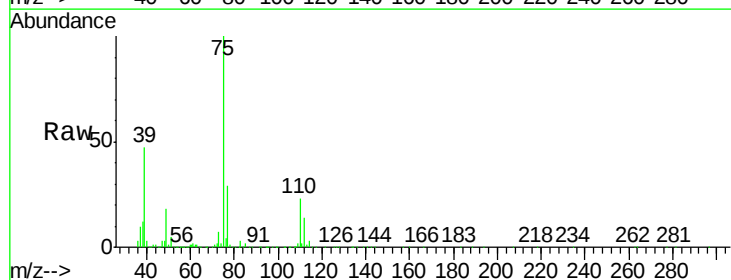
Manual Integrations  
APPROVED

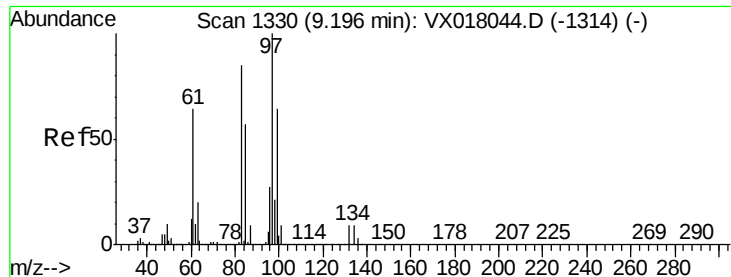
MMDadoda  
9/16/2020 11:45:06 AM



#54  
cis-1,3-Dichloropropene  
Concen: 18.435 ug/l  
RT: 8.42 min Scan# 1202  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 28.9  | 25.8  | 38.8  |
| 39      | 46.9  | 38.8  | 58.2  |





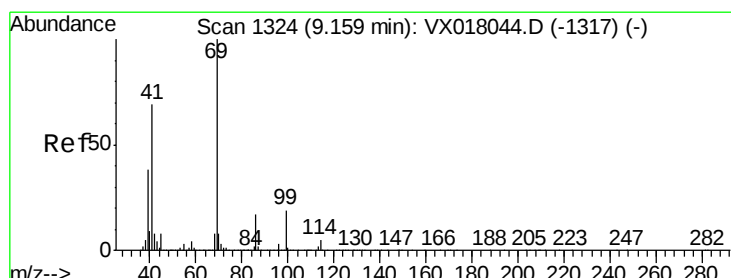
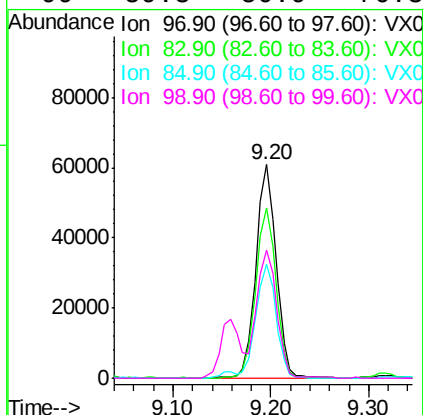
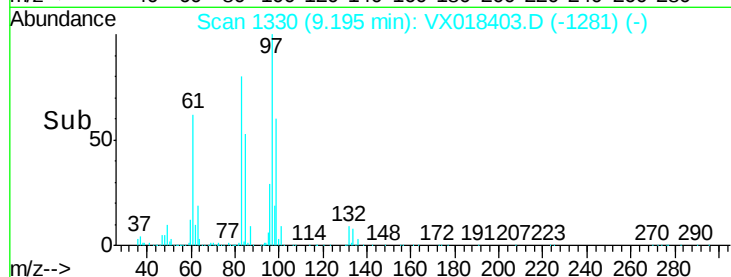
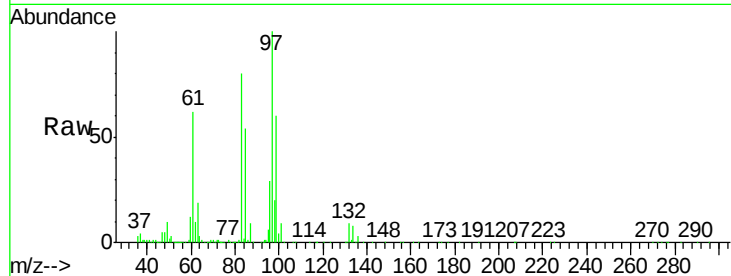
#55  
 1,1,2-Trichloroethane  
 Concen: 18.369 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX018403.D  
 Acq: 15 Sep 2020 13:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0915WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 88471 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 79.5  | 67.8  | 101.6 |
| 85       | 53.6  | 45.3  | 67.9  |
| 99       | 59.8  | 50.9  | 76.3  |

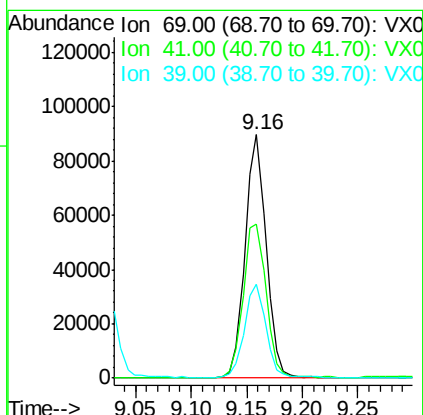
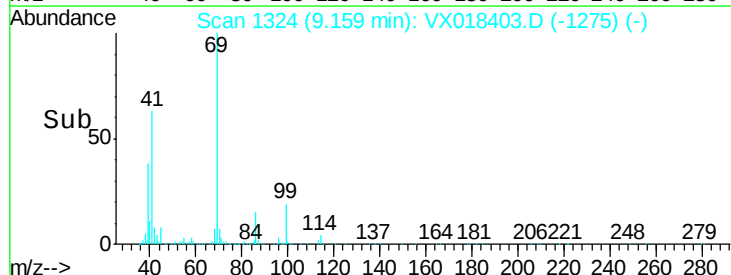
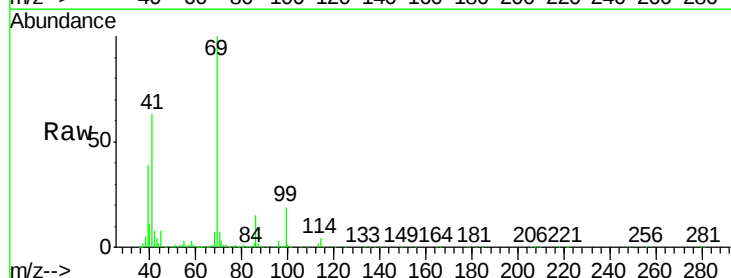
Manual Integrations  
 APPROVED

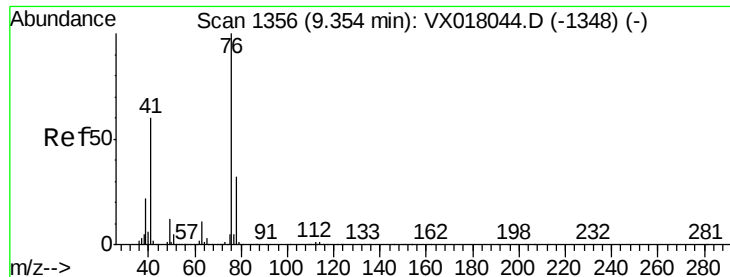
MMDadoda  
 9/16/2020 11:45:06 AM



#56  
 Ethyl methacrylate  
 Concen: 16.549 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX018403.D  
 Acq: 15 Sep 2020 13:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 118489 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.3  | 54.6  | 81.8   |
| 39       | 39.4  | 29.1  | 43.7   |





#57

1,3-Dichloropropane

Concen: 17.689 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0915WBS01

Tot Ion: 76 Resp: 140518

Ion Ratio Lower Upper

76 100

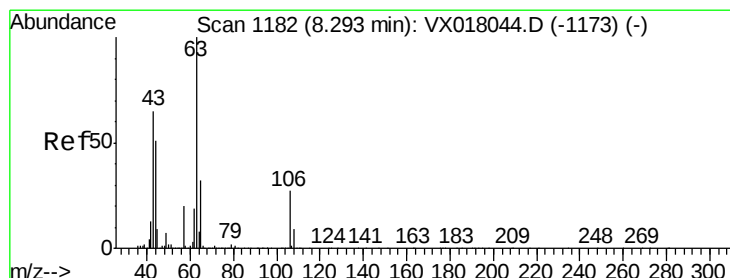
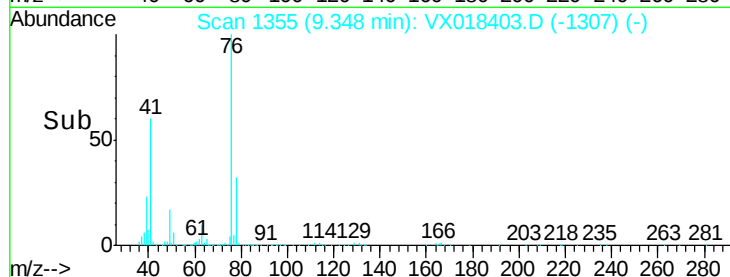
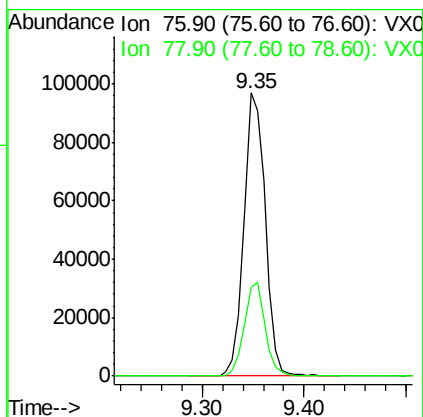
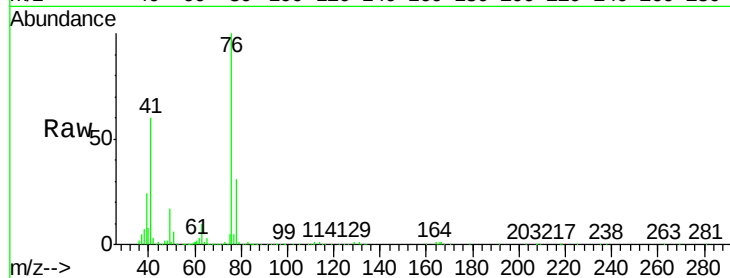
78 32.6 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

9/16/2020 11:45:06 AM



#58

2-Chloroethyl Vinyl ether

Concen: 91.863 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018403.D

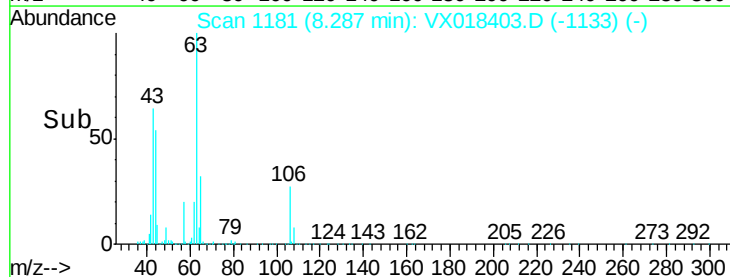
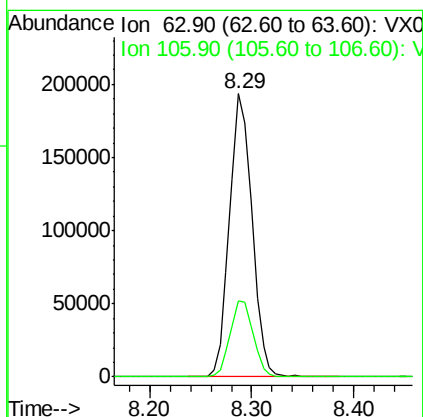
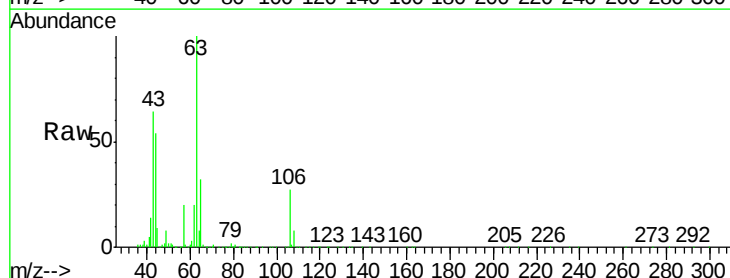
Acq: 15 Sep 2020 13:46

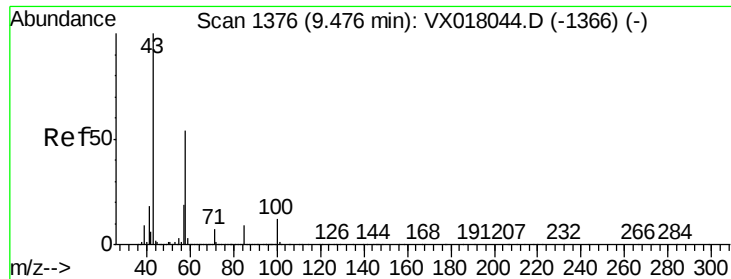
Tgt Ion: 63 Resp: 295878

Ion Ratio Lower Upper

63 100

106 27.7 22.1 33.1





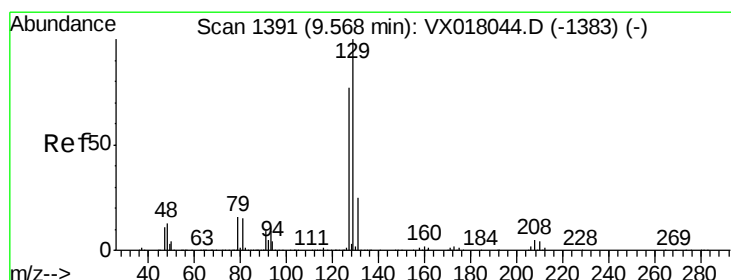
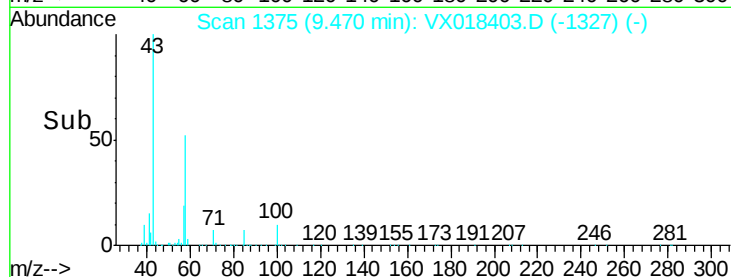
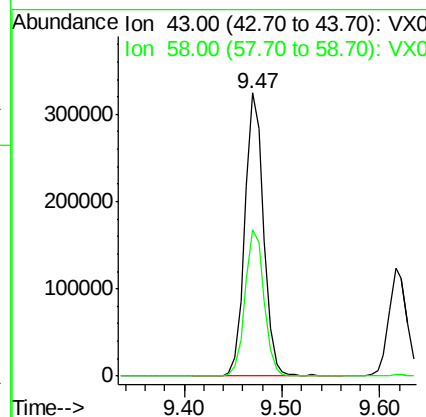
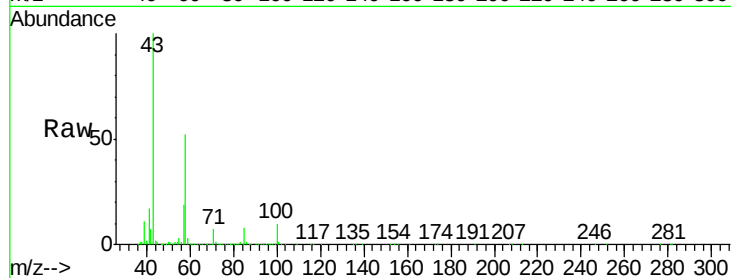
#59  
2-Hexanone  
Concen: 80.341 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

Tot Ion: 43 Resp: 429052  
Ion Ratio Lower Upper  
43 100  
58 52.3 26.6 79.7

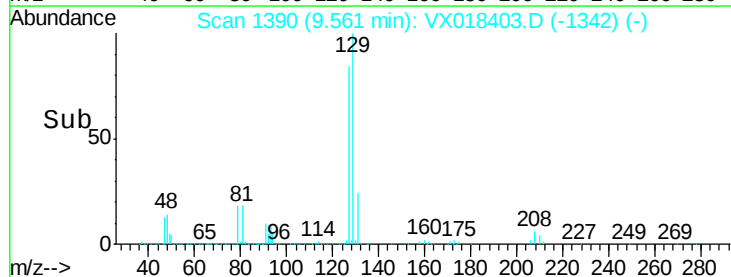
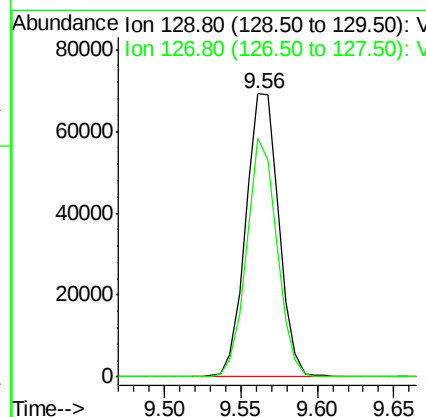
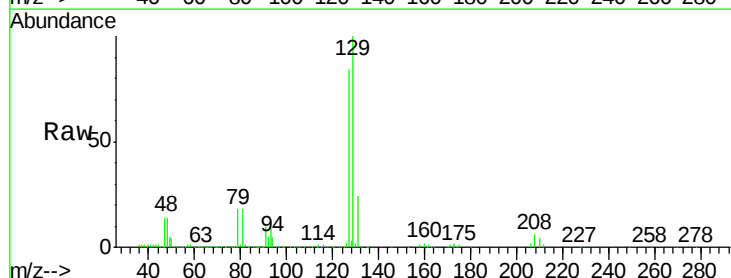
Manual Integrations  
APPROVED

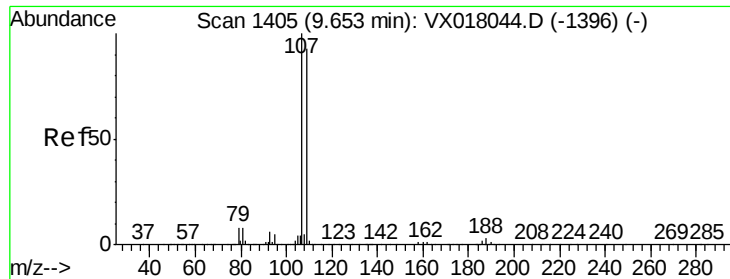
MMDadoda  
9/16/2020 11:45:06 AM



#60  
Dibromochloromethane  
Concen: 18.321 ug/l  
RT: 9.56 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Tgt Ion: 129 Resp: 103511  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 17.697 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0915WBS01

Tot Ion: 107 Resp: 92536

Ion Ratio Lower Upper

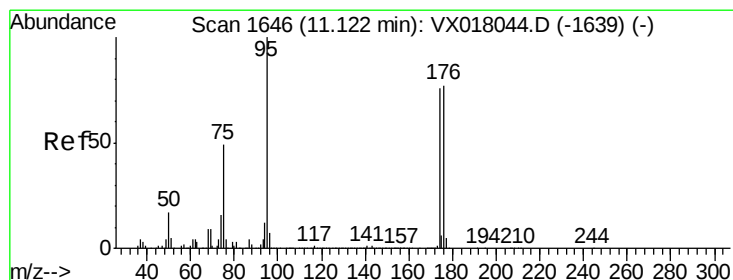
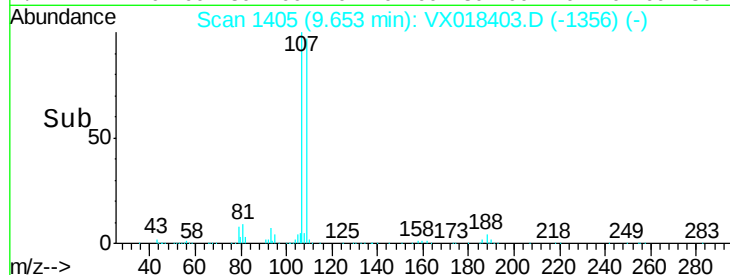
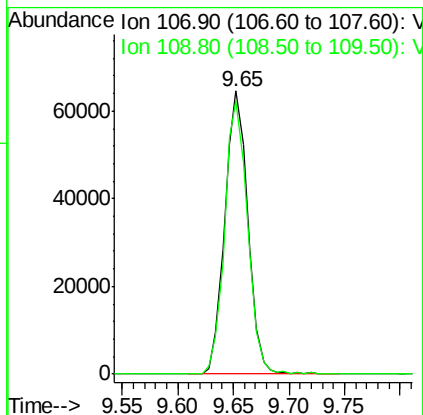
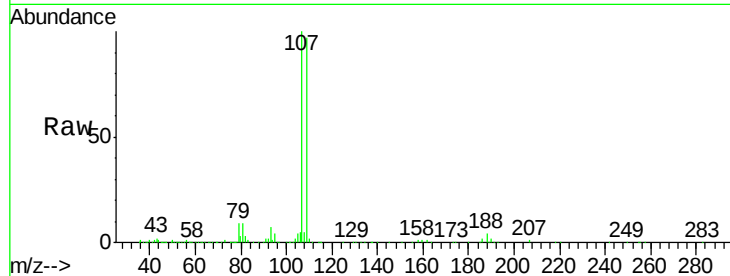
107 100

109 96.1 75.9 113.9

Manual Integrations  
APPROVED

MMDadoda

9/16/2020 11:45:06 AM



#62

4-Bromofluorobenzene

Concen: 45.923 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

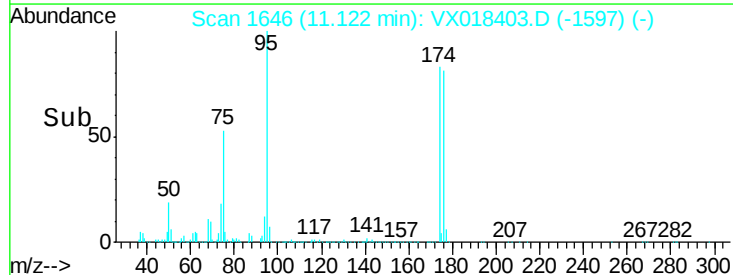
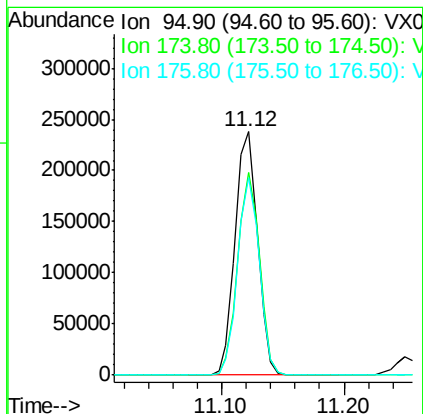
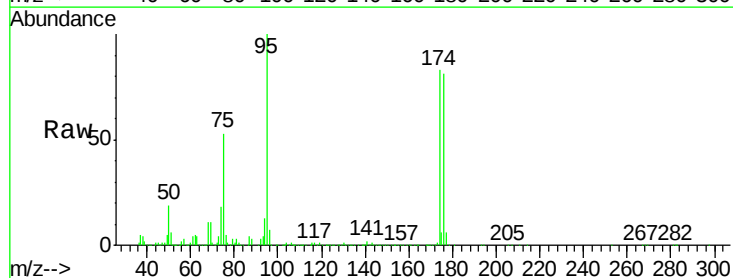
Tgt Ion: 95 Resp: 301162

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.2

176 78.5 0.0 155.8





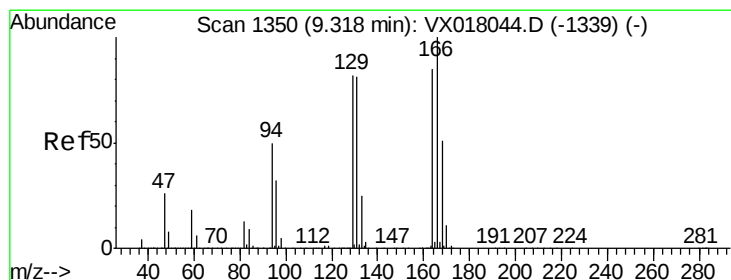
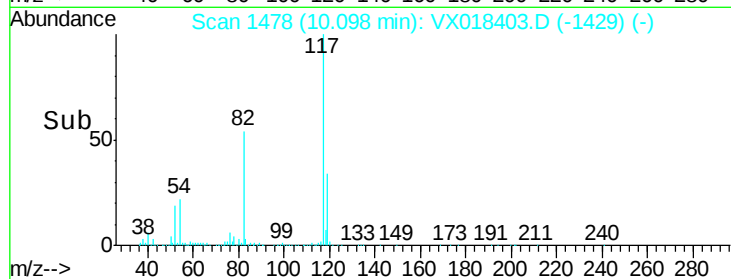
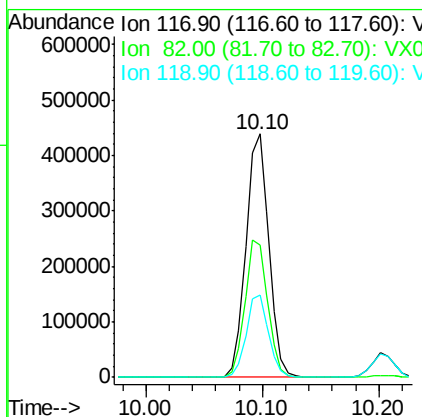
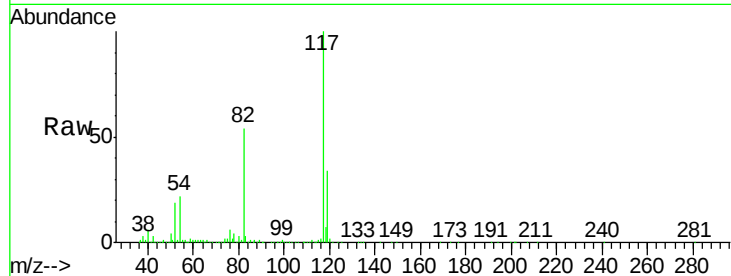
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.2  | 44.2  | 66.2  |
| 119     | 33.8  | 25.7  | 38.5  |

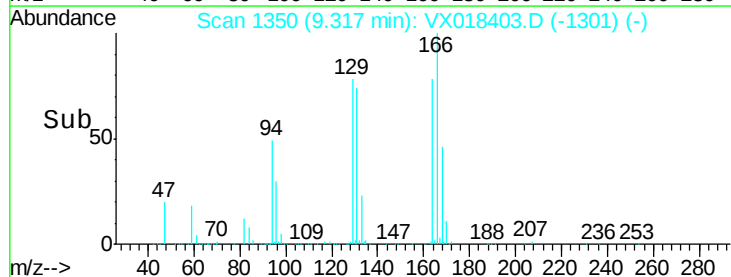
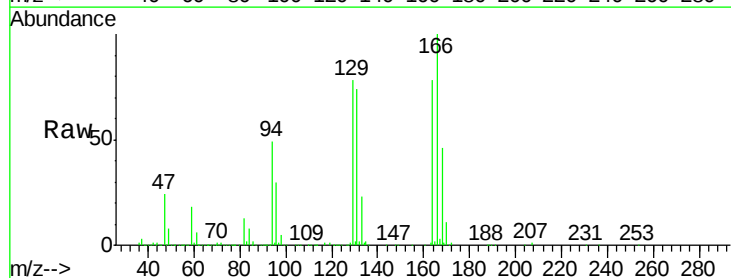
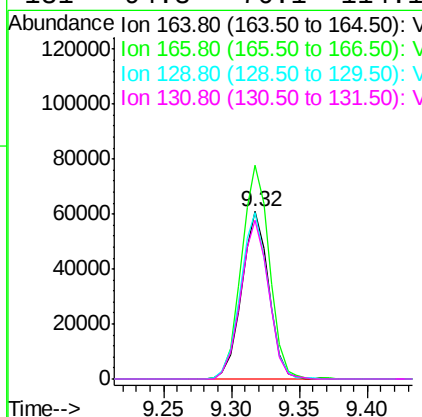
Manual Integrations  
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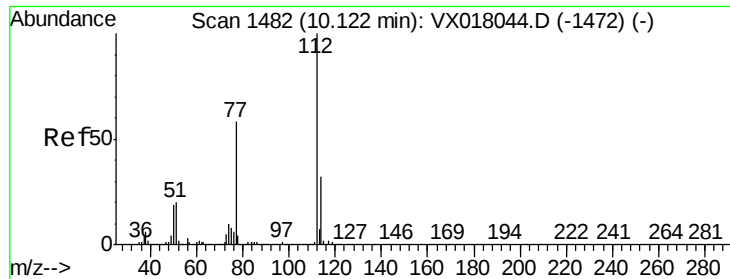
MMDadoda  
9/16/2020 11:45:06 AM



#64  
Tetrachloroethene  
Concen: 19.035 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.4 | 94.2  | 141.2 |
| 129     | 99.6  | 76.9  | 115.3 |
| 131     | 94.3  | 76.1  | 114.1 |





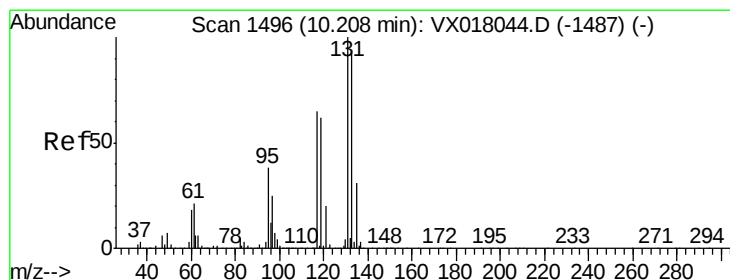
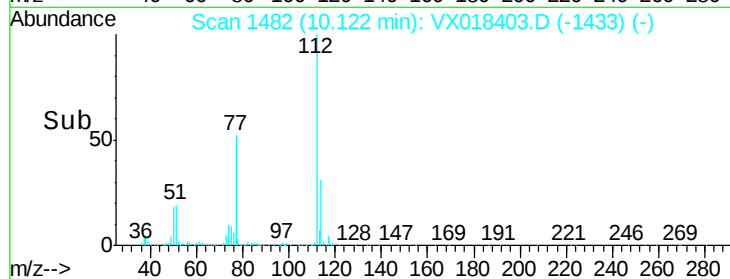
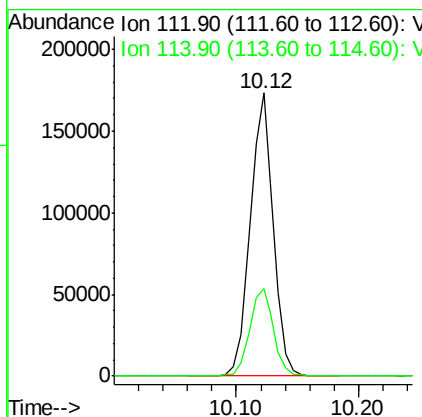
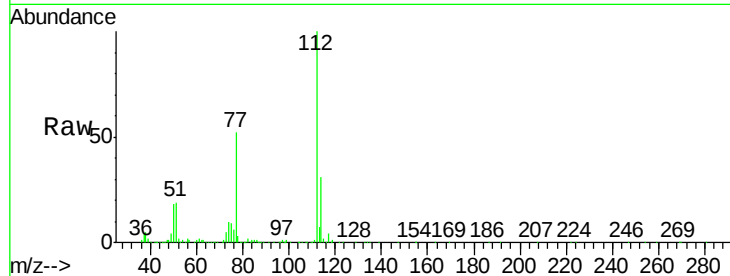
#65  
Chlorobenzene  
Concen: 18.838 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 226665 |       |       |
| 114     | 30.9  | 25.7   | 38.5  |       |

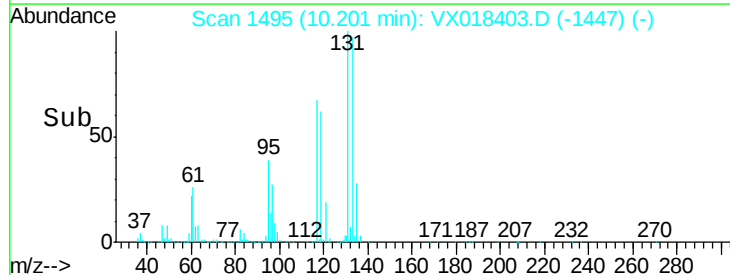
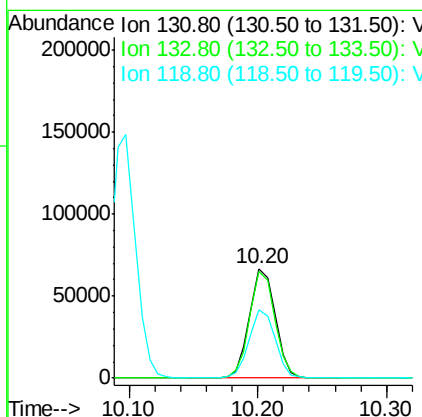
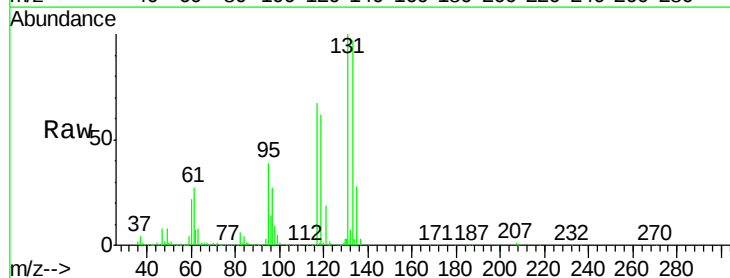
Manual Integrations  
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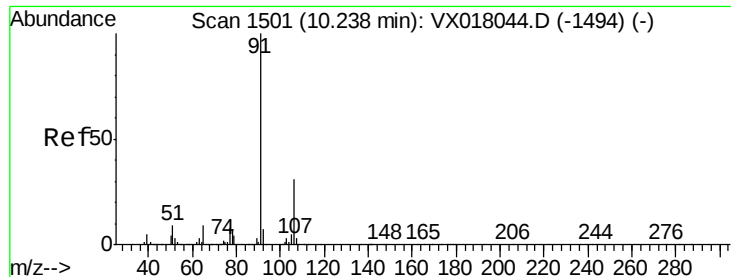
MMDadoda  
9/16/2020 11:45:06 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.413 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. -0.01 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 131     | 100   | 92062 |       |       |
| 133     | 96.2  | 46.7  | 140.1 |       |
| 119     | 62.1  | 31.8  | 95.4  |       |





#67

Ethyl Benzene

Concen: 18.694 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

ClientSampled :

VX0915WBS01

Tot Ion: 91 Resp: 382517

Ion Ratio Lower Upper

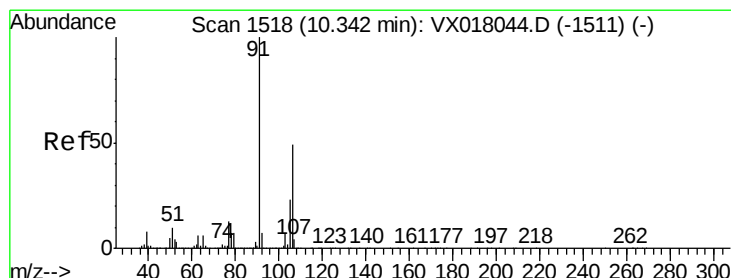
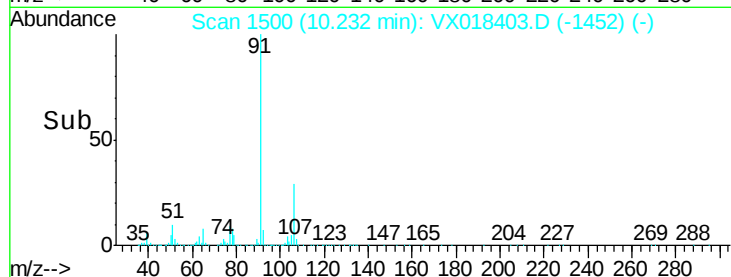
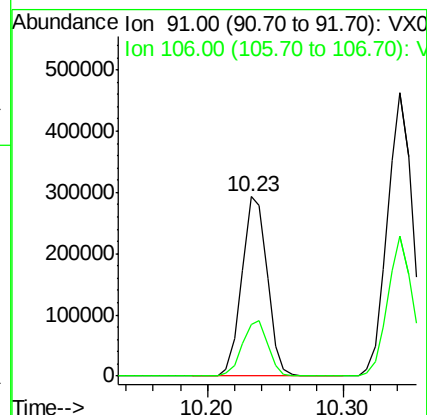
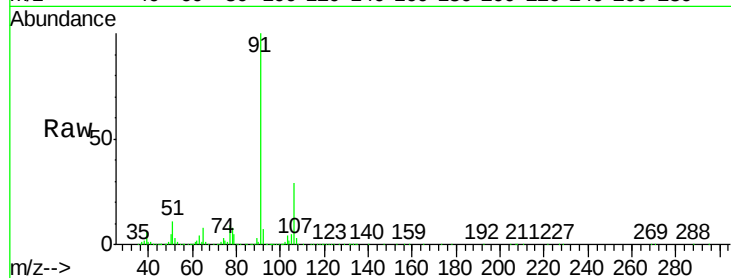
91 100

106 28.6 24.9 37.3

Manual Integrations  
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#68

m/p-Xylenes

Concen: 38.104 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018403.D

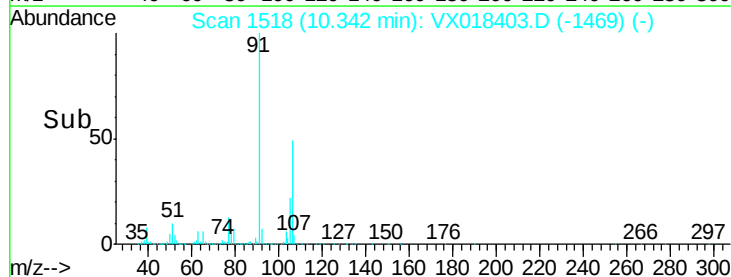
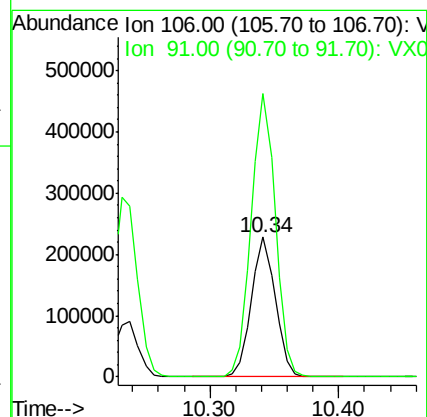
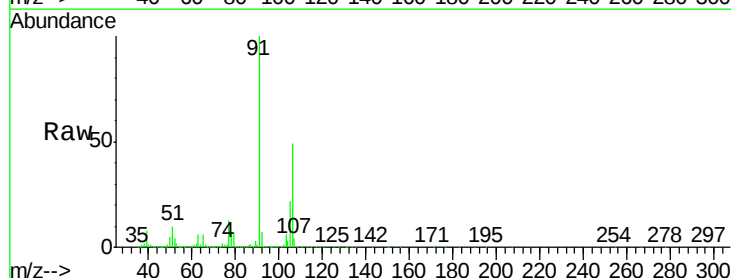
Acq: 15 Sep 2020 13:46

Tgt Ion: 106 Resp: 291016

Ion Ratio Lower Upper

106 100

91 204.7 162.2 243.2





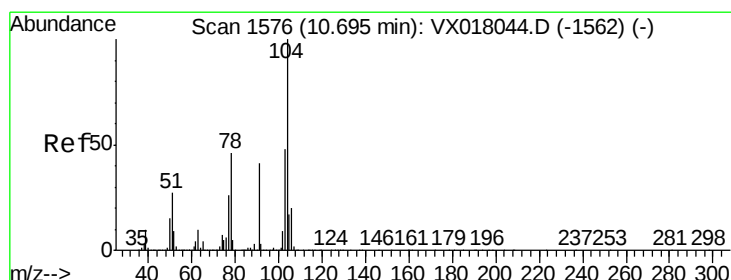
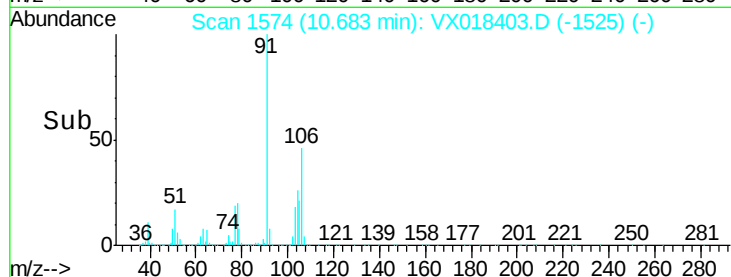
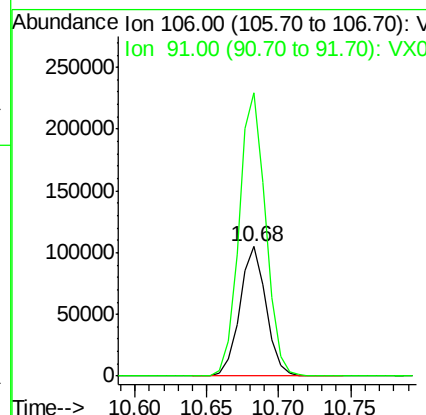
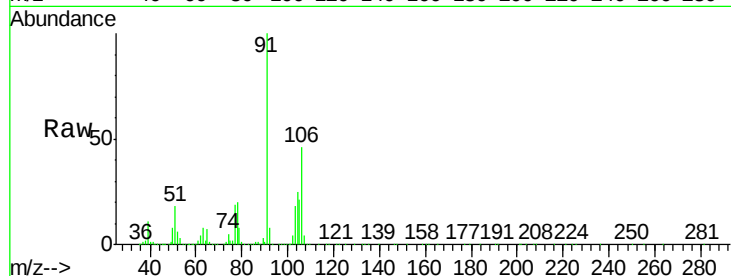
#69  
o-Xylene  
Concen: 18.025 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0915WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 133451 |       |       |
| 91      | 220.4 | 107.1  | 321.3 |       |

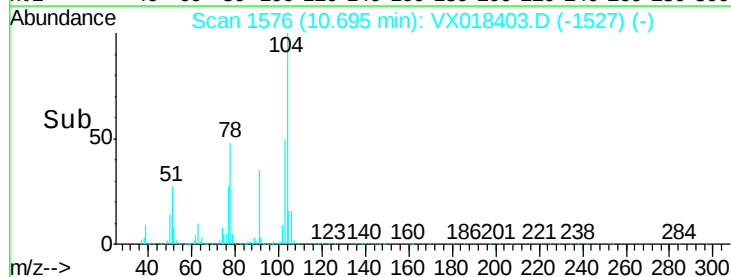
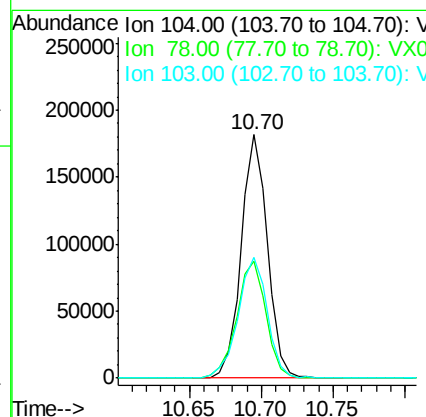
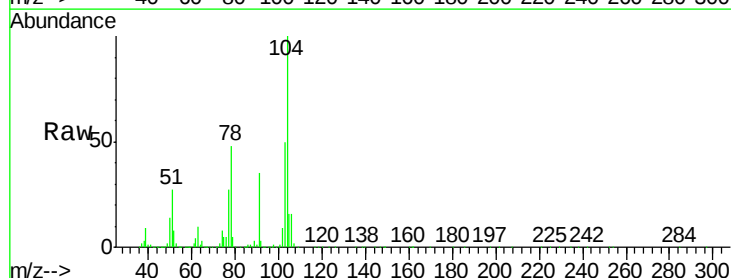
Manual Integrations  
APPROVED

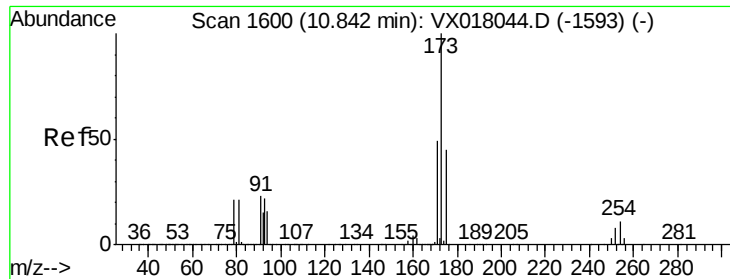
MMDadoda  
9/16/2020 11:45:06 AM



#70  
Styrene  
Concen: 18.312 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 230884 |       |       |
| 78      | 54.0  | 40.9   | 61.3  |       |
| 103     | 55.4  | 43.6   | 65.4  |       |





#71

Bromoform

Concen: 18.867 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0915WBS01

Tot Ion:173 Resp: 76317

Ion Ratio Lower Upper

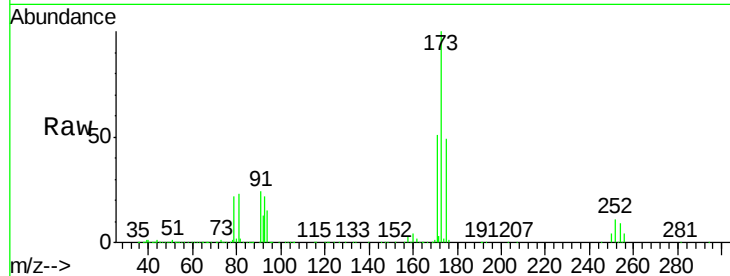
173 100

175 48.6 23.9 71.8

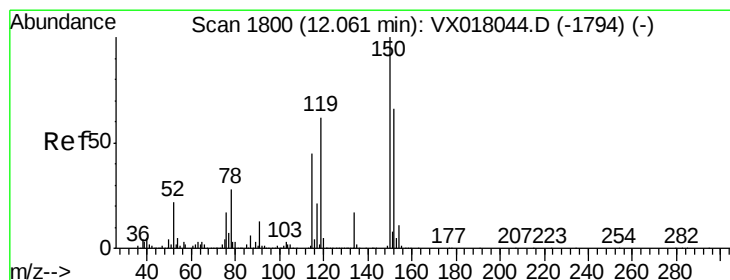
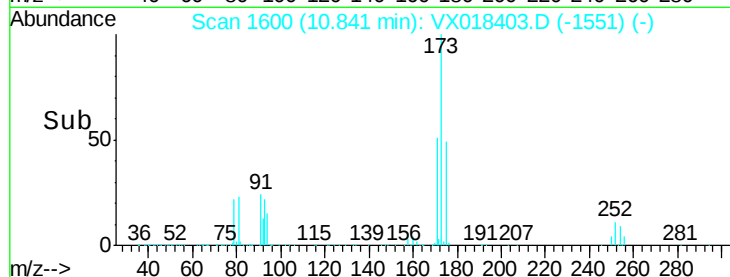
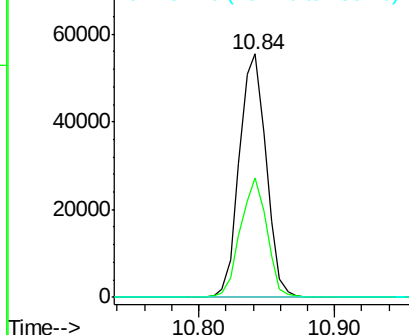
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

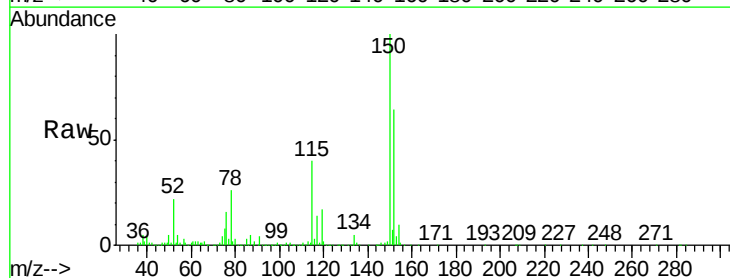
Tgt Ion:152 Resp: 337784

Ion Ratio Lower Upper

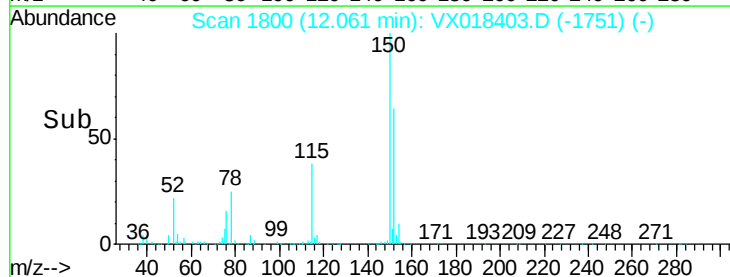
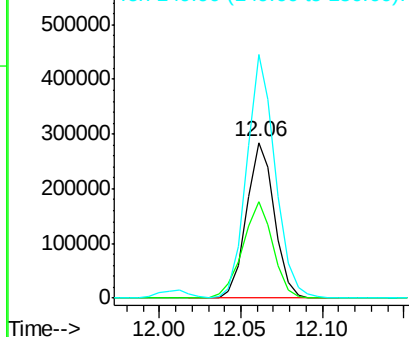
152 100

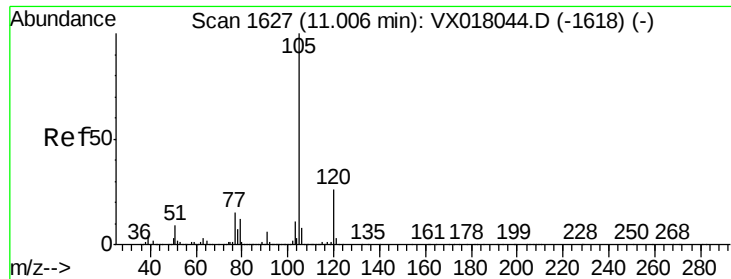
115 68.0 41.5 124.5

150 160.9 0.0 343.8



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





#73

Isopropylbenzene

Concen: 17.173 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0915WBS01

Tot Ion: 105 Resp: 382629

Ion Ratio Lower Upper

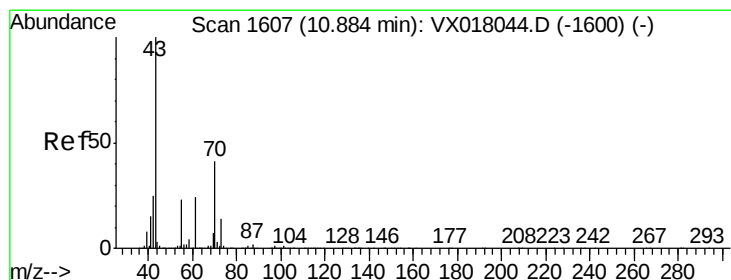
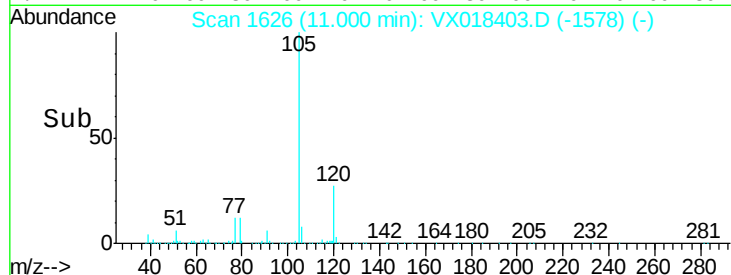
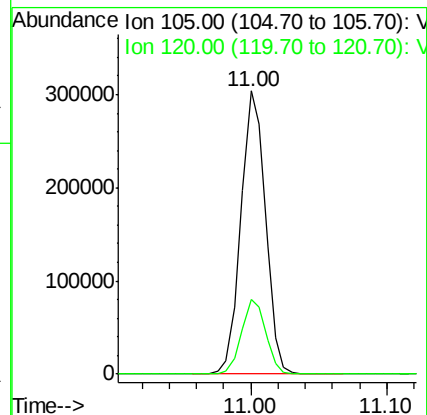
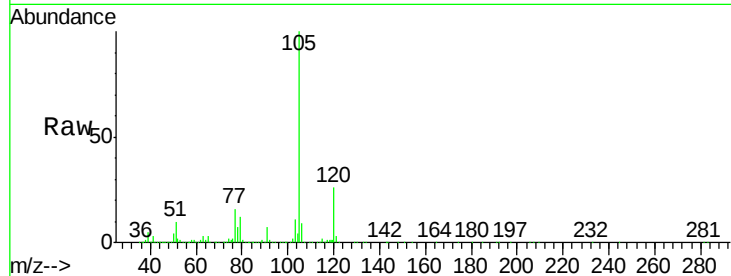
105 100

120 26.1 13.2 39.5

Manual Integrations  
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#74

N-ethyl acetate

Concen: 14.500 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Tgt Ion: 43 Resp: 153280

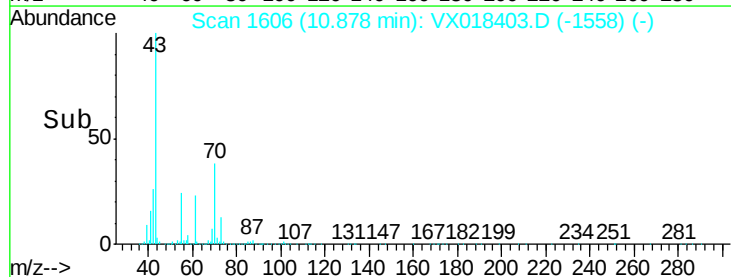
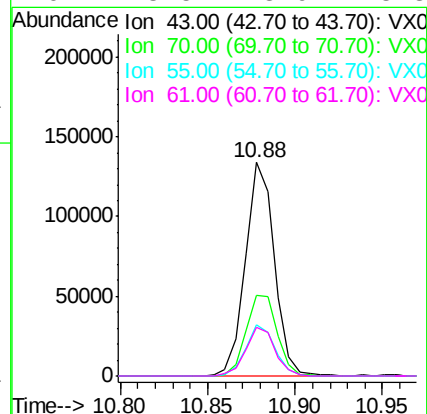
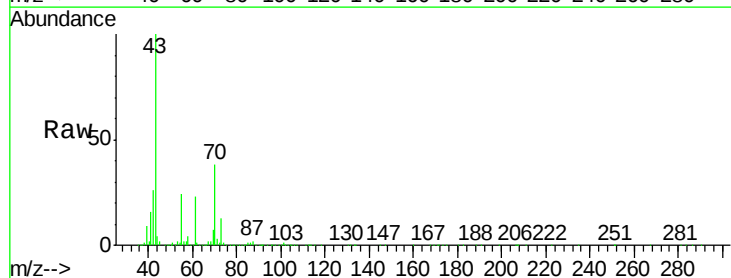
Ion Ratio Lower Upper

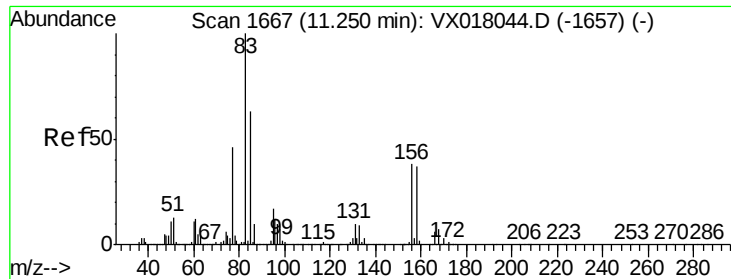
43 100

70 41.1 32.3 48.5

55 24.3 18.2 27.2

61 23.5 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 16.044 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0915WBS01

Tot Ion: 83 Resp: 126105

Ion Ratio Lower Upper

83 100

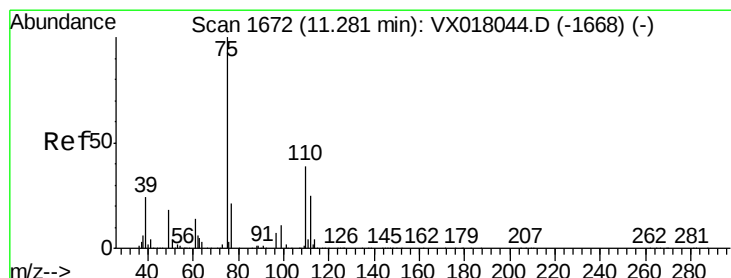
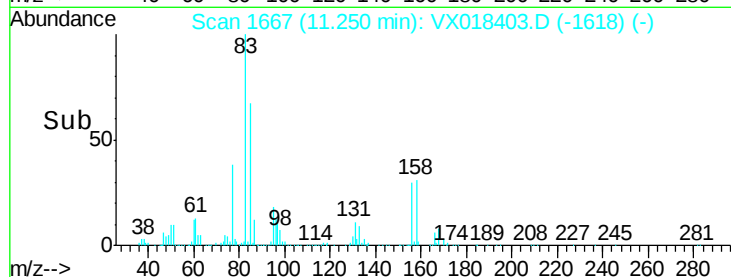
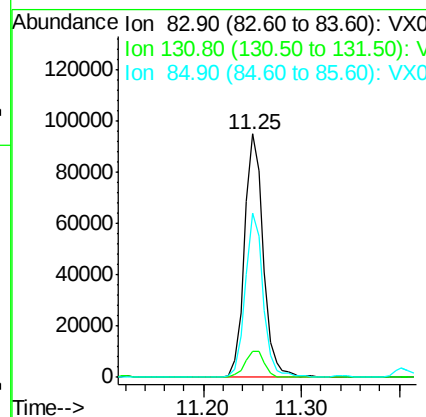
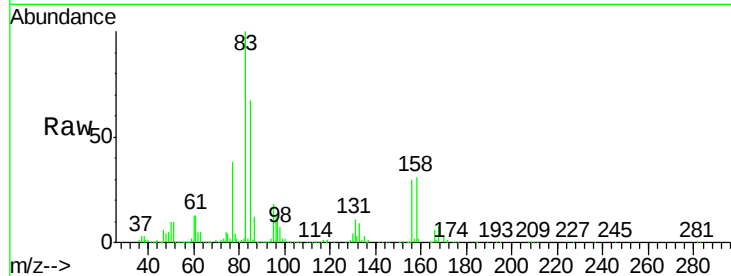
131 11.4 5.1 15.4

85 64.7 32.2 96.6

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 16.170 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018403.D

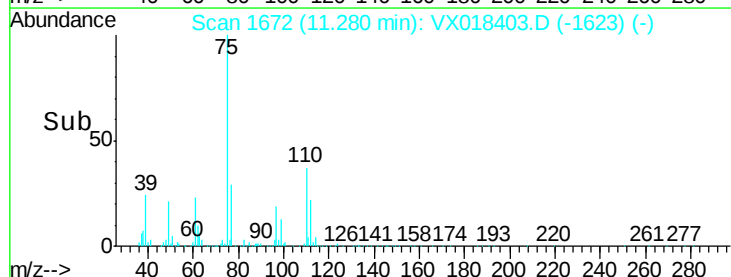
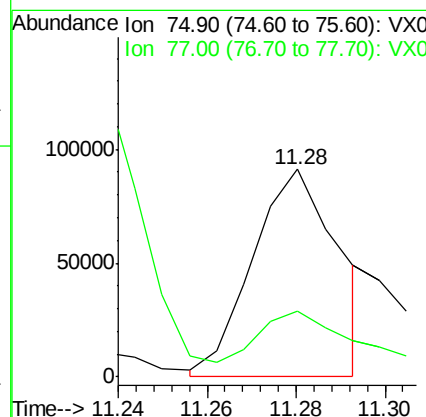
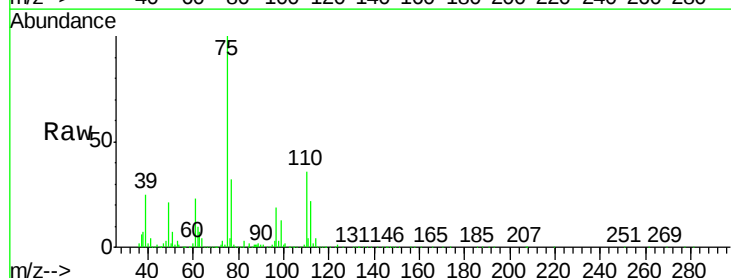
Acq: 15 Sep 2020 13:46

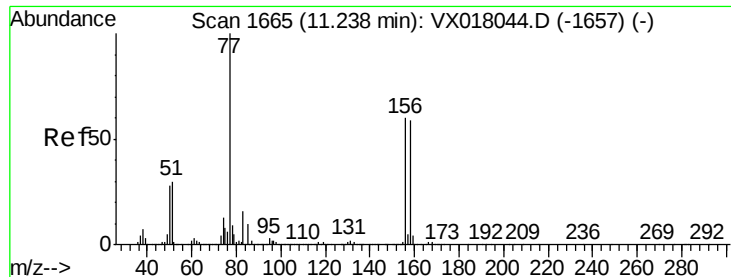
Tgt Ion: 75 Resp: 121501

Ion Ratio Lower Upper

75 100

77 38.9 20.8 62.2





#77

Bromobenzene

Concen: 16.410 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

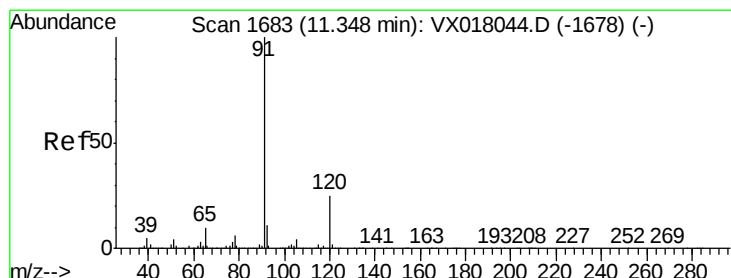
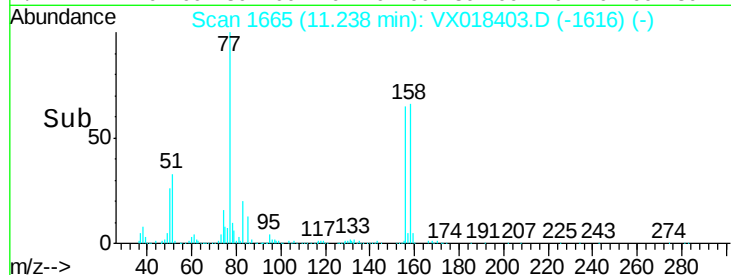
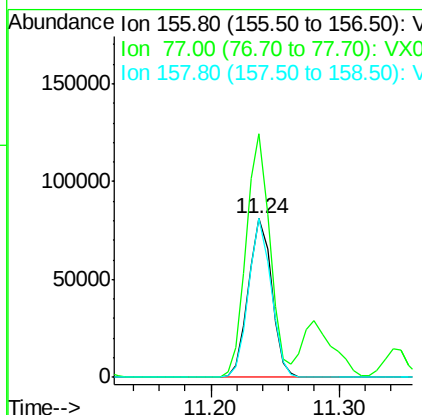
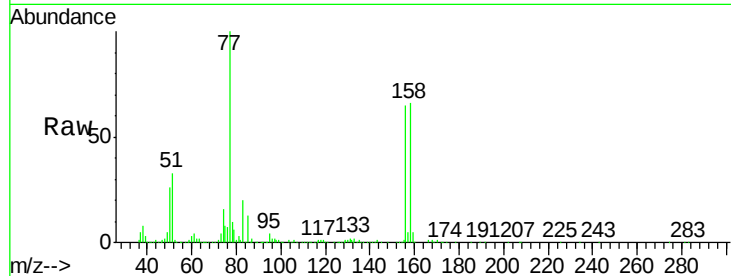
ClientSampleId :

VX0915WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 101069 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 156.6 | 80.0  | 240.2  |
| 158       | 96.9  | 49.5  | 148.7  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 17.073 ug/l

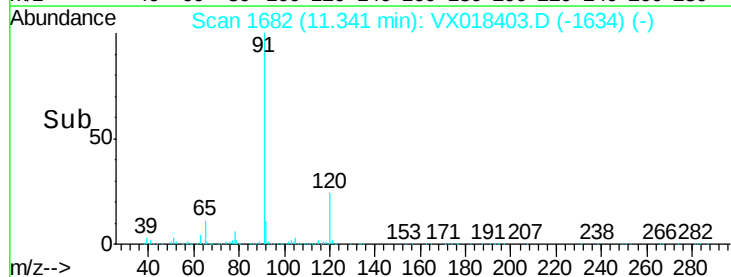
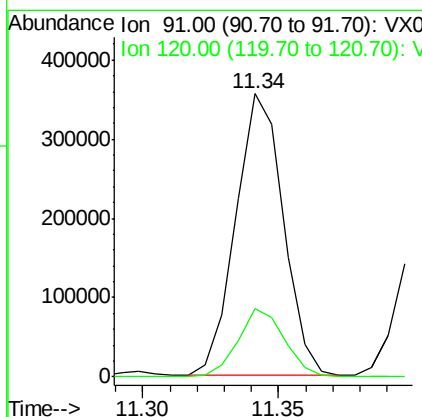
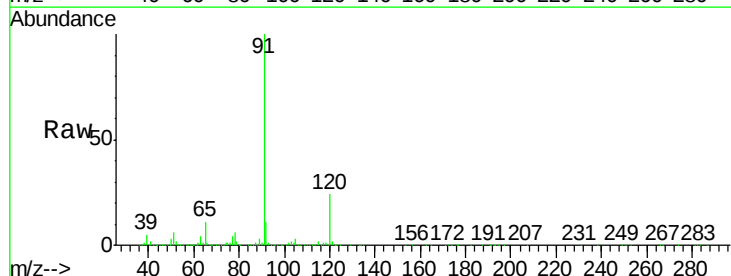
RT: 11.34 min Scan# 1682

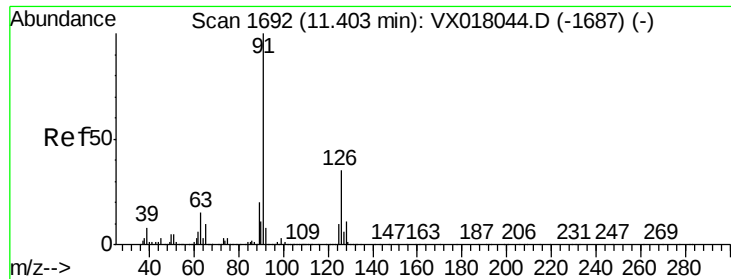
Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 431927 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.7  | 11.9  | 35.9   |





#79

2-Chlorotoluene

Concen: 17.203 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0915WBS01

Tot Ion: 91 Resp: 268882

Ion Ratio Lower Upper

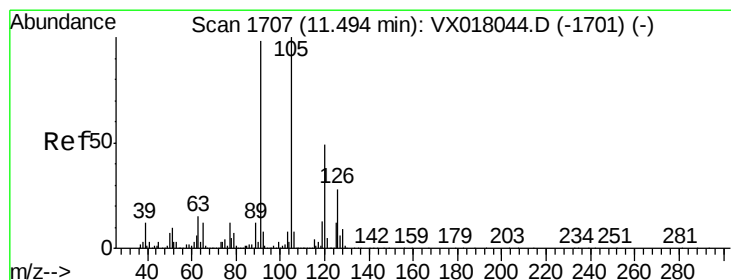
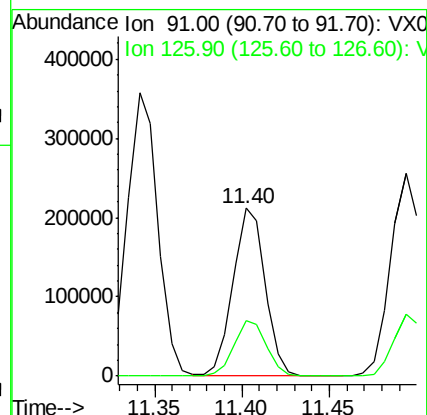
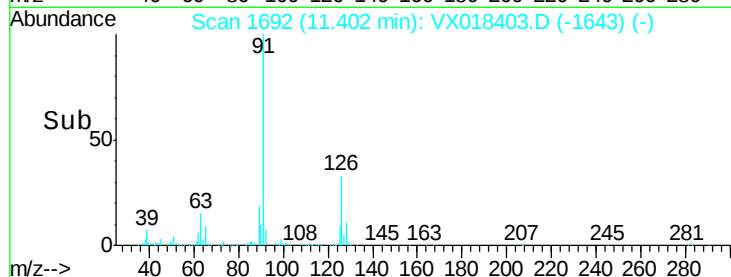
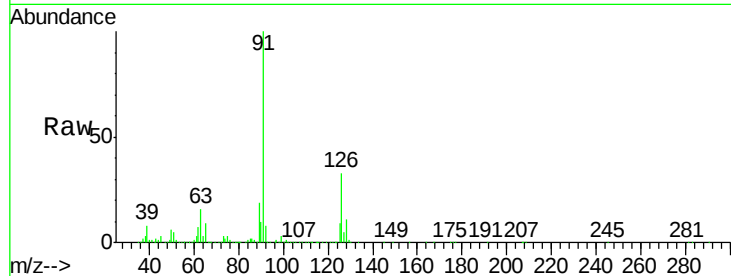
91 100

126 33.7 17.4 52.2

Manual Integrations  
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#80

1,3,5-Trimethylbenzene

Concen: 17.864 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018403.D

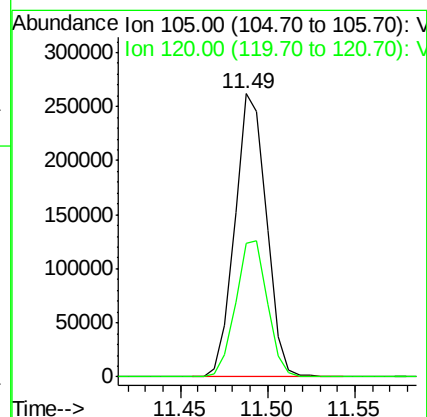
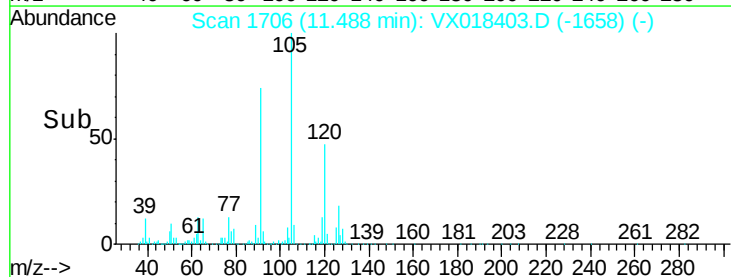
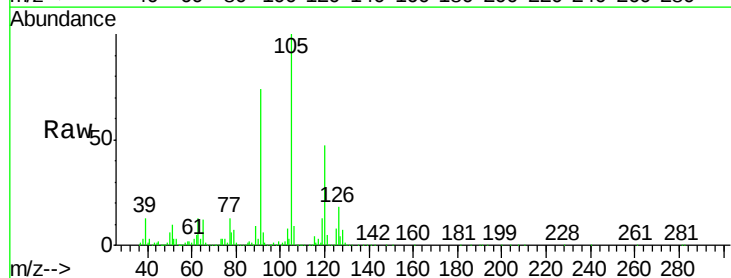
Acq: 15 Sep 2020 13:46

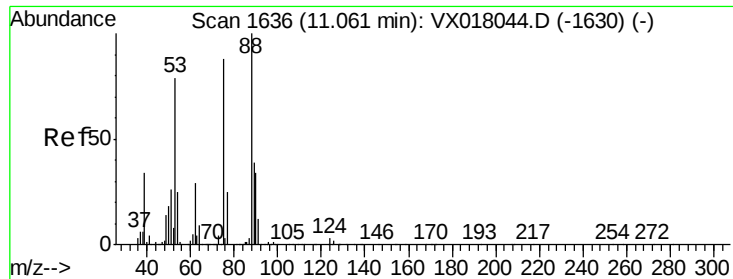
Tgt Ion: 105 Resp: 327072

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.497 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

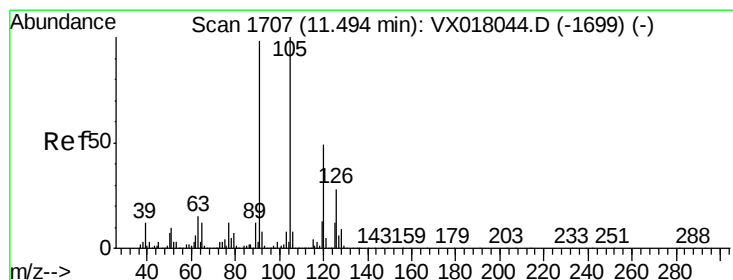
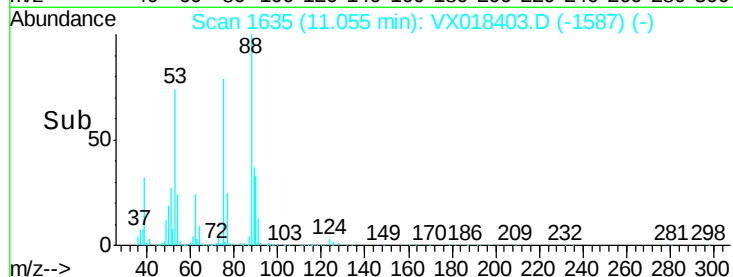
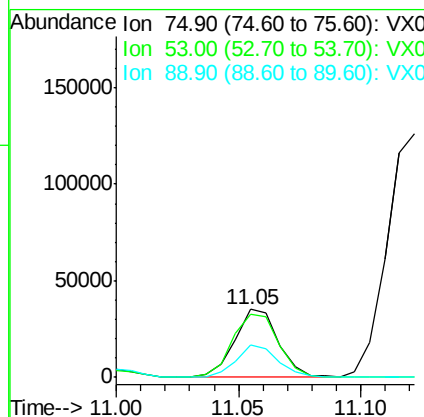
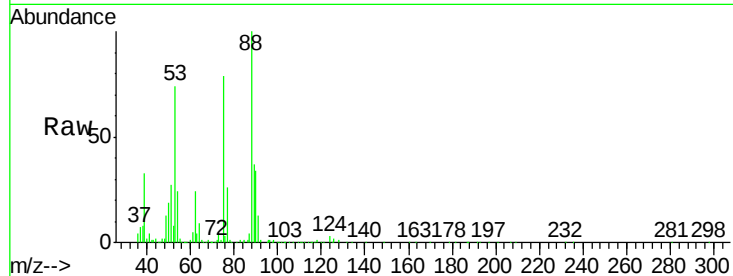
ClientSampleId :

VX0915WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 43116 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 98.9  | 74.7  | 112.1 |
| 89       | 46.3  | 36.6  | 54.8  |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 17.220 ug/l

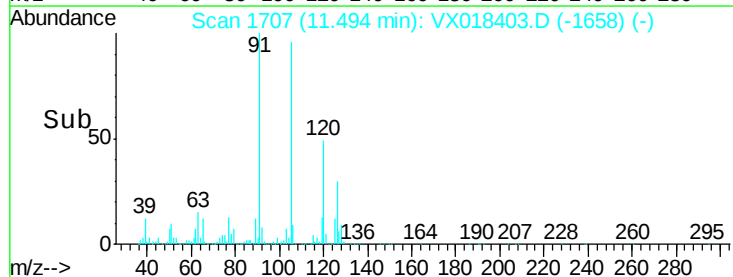
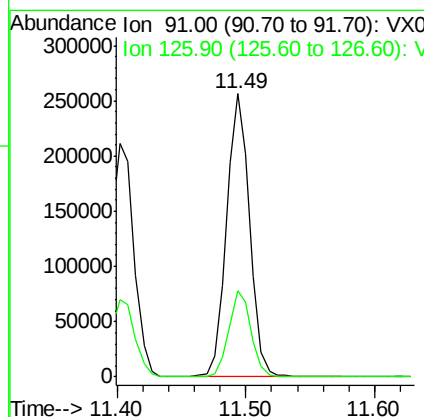
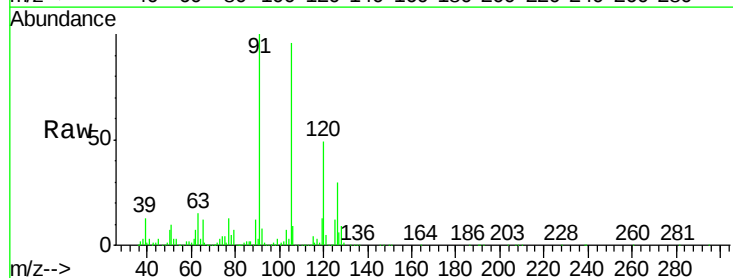
RT: 11.49 min Scan# 1707

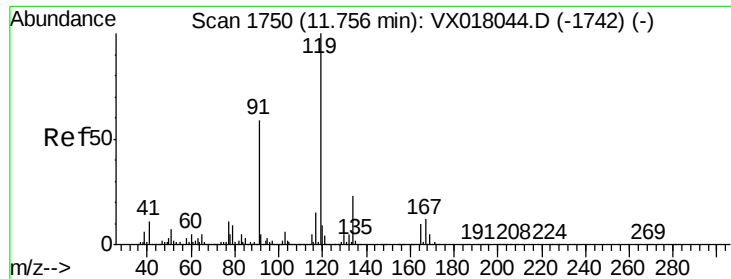
Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 319965 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 29.8  | 15.1  | 45.3   |





#83

tert-Butylbenzene

Concen: 17.382 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

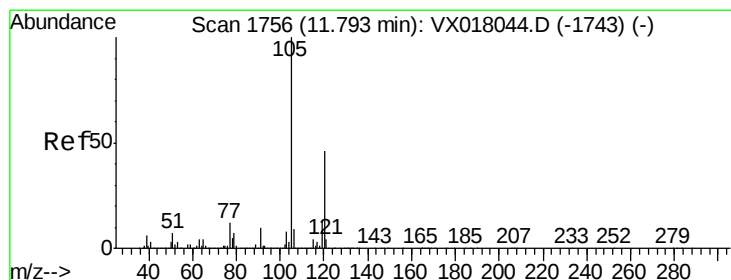
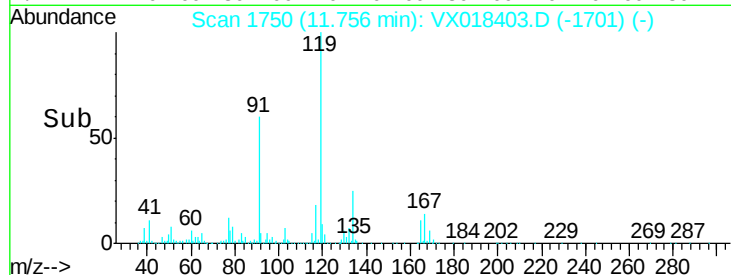
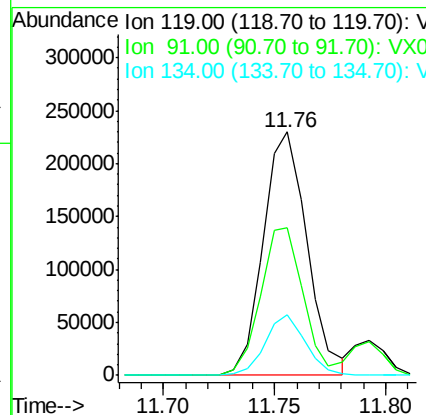
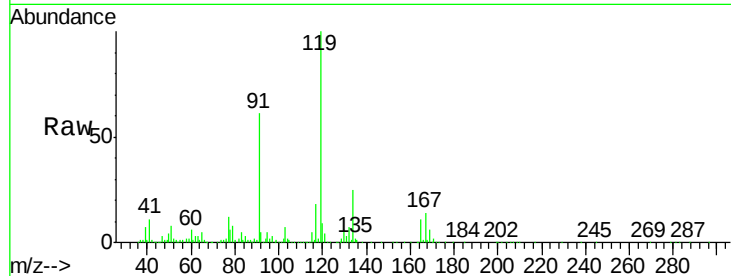
ClientSampleId :

VX0915WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 314069 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 58.7  | 28.2  | 84.7   |
| 134       | 22.4  | 11.3  | 33.8   |

Manual Integrations  
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#84

1,2,4-Trimethylbenzene

Concen: 17.938 ug/l

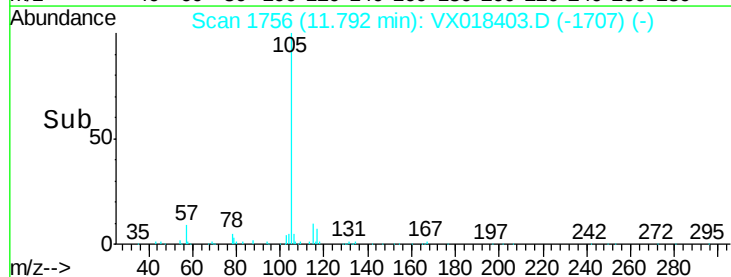
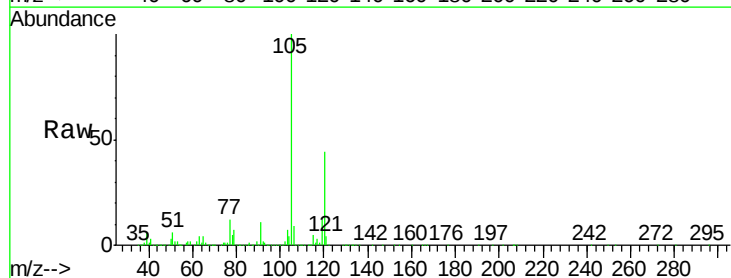
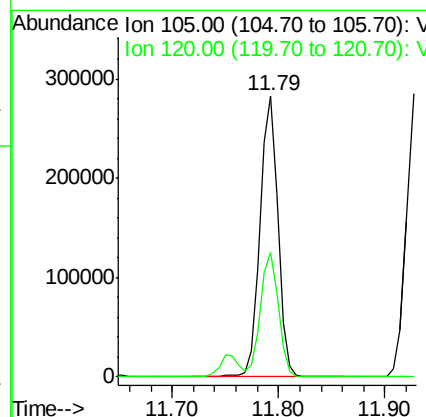
RT: 11.79 min Scan# 1756

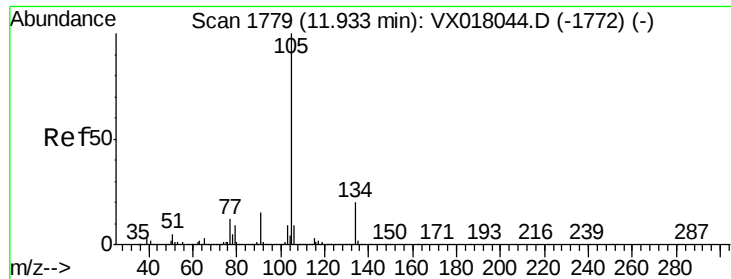
Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 335786 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 44.4  | 22.3  | 66.9   |





#85

sec-Butylbenzene

Concen: 17.871 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0915WBS01

Tot Ion:105 Resp: 367210

Ion Ratio Lower Upper

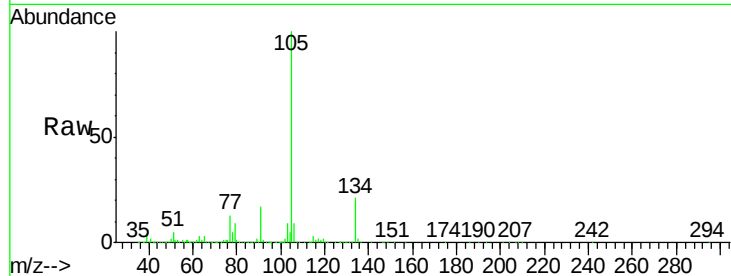
105 100

134 20.2 10.1 30.3

Manual Integrations  
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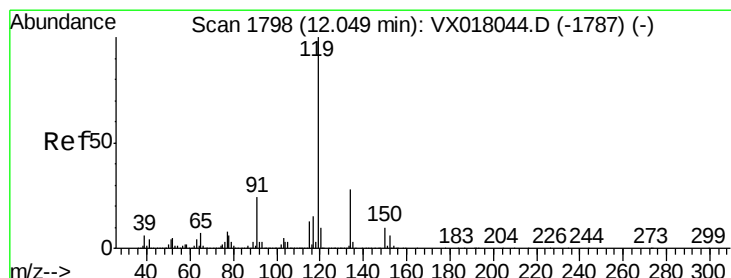
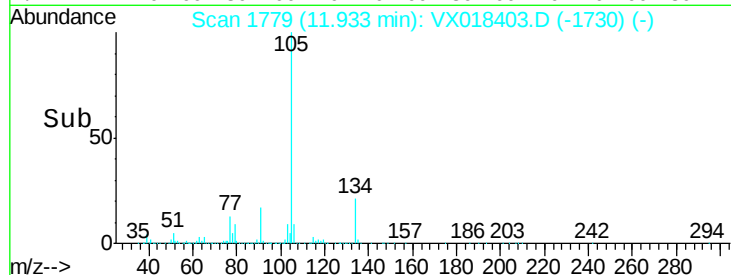
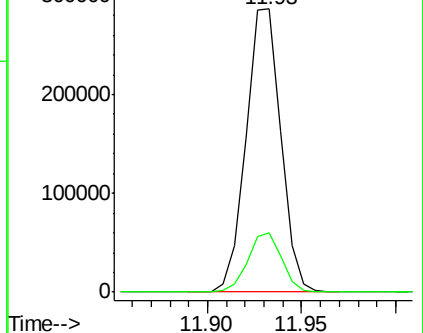
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.351 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

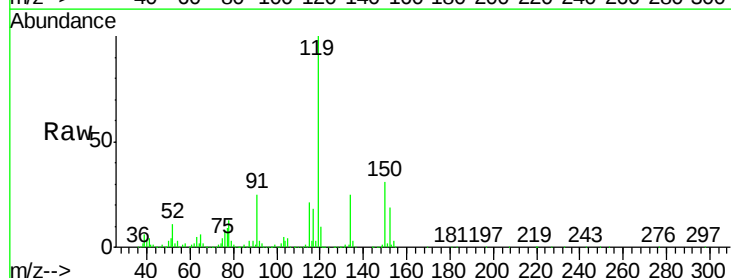
Tgt Ion:119 Resp: 346359

Ion Ratio Lower Upper

119 100

134 25.8 13.2 39.5

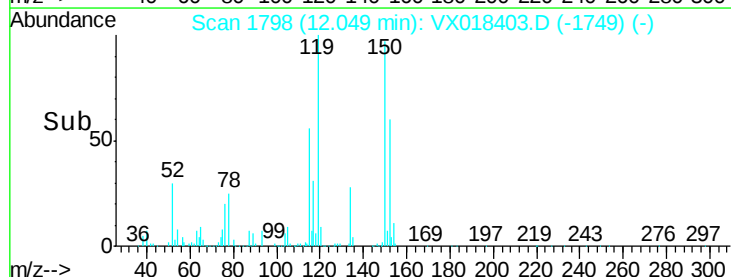
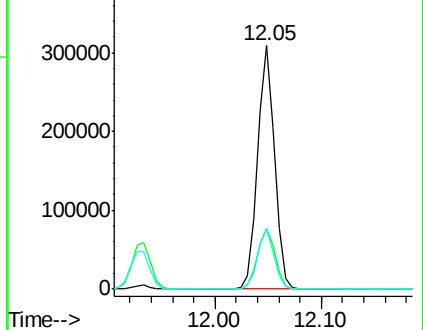
91 24.8 11.8 35.4

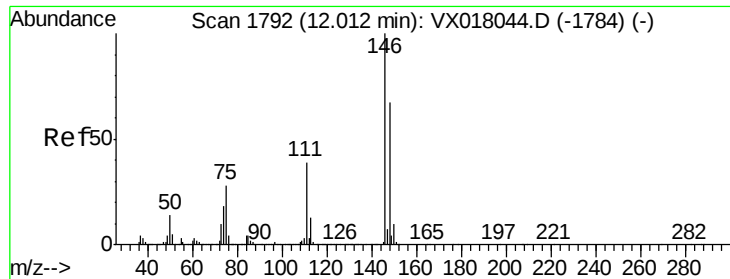


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.238 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

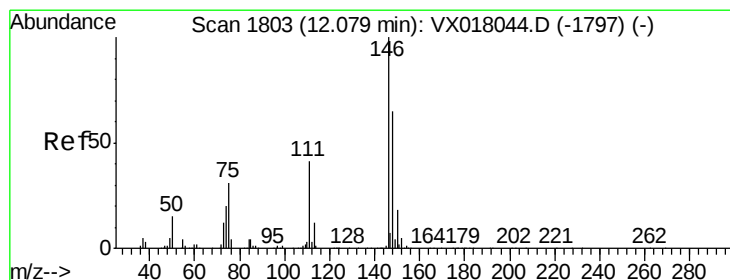
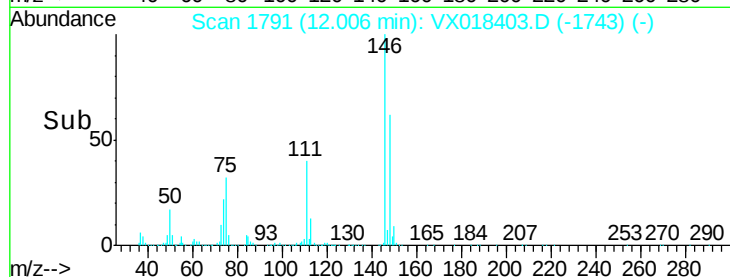
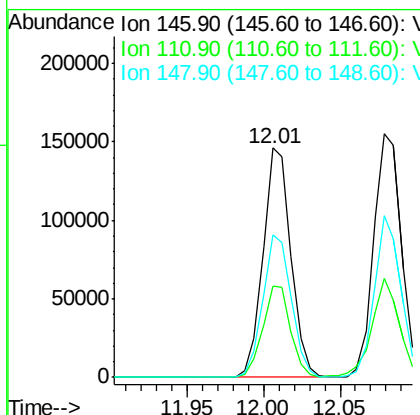
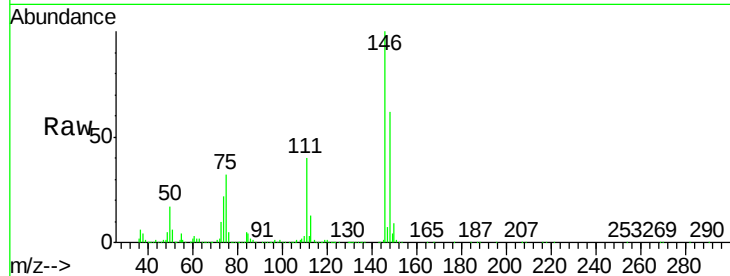
Instrument :  
MSVOA\_X

ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.7  | 20.6  | 61.8  |
| 148     | 63.4  | 33.1  | 99.2  |

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#88

1,4-Dichlorobenzene

Concen: 18.076 ug/l

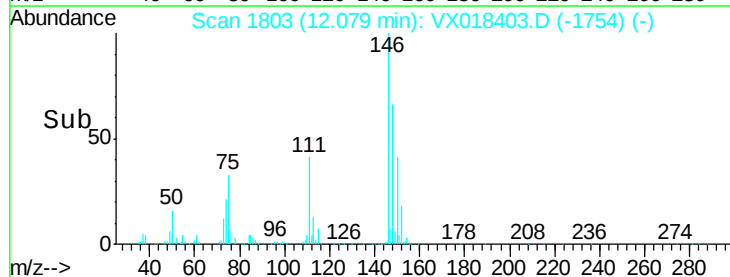
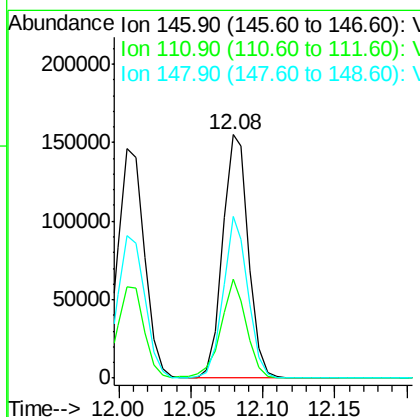
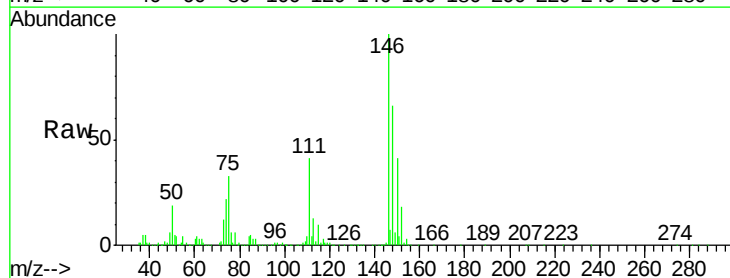
RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.2  | 20.3  | 60.8  |
| 148     | 63.4  | 33.1  | 99.2  |





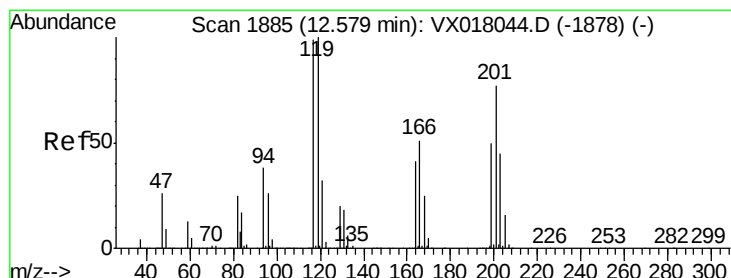
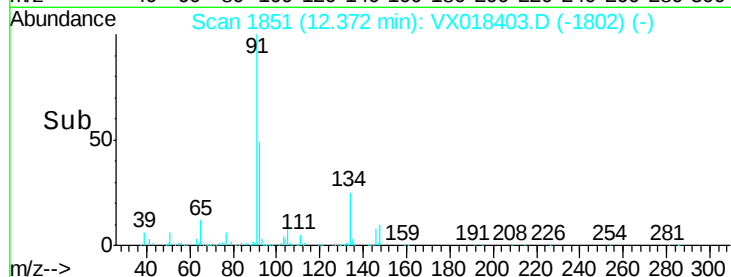
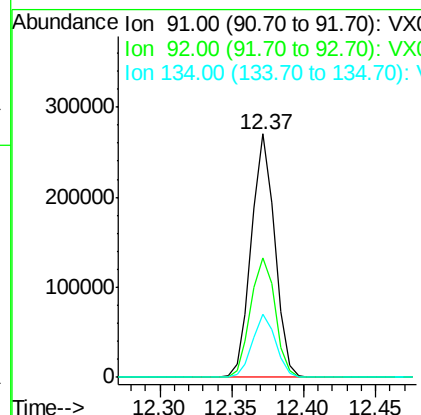
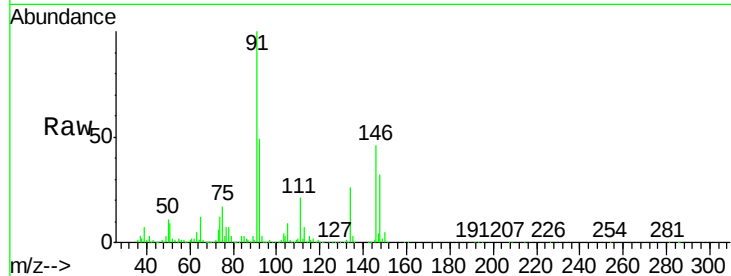
#89  
n-Butylbenzene  
Concen: 17.621 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.8  | 26.4  | 79.2  |
| 134     | 25.9  | 12.9  | 38.7  |

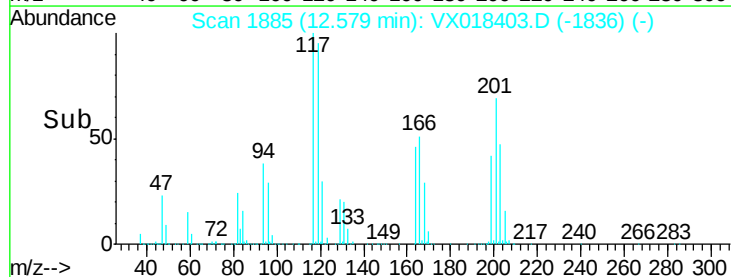
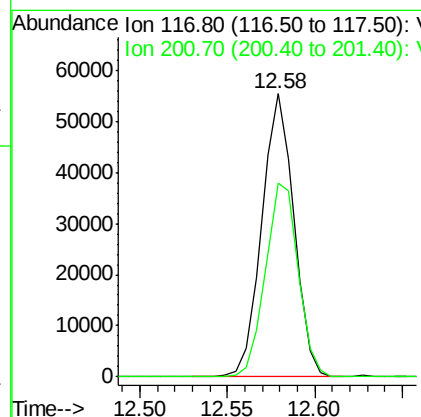
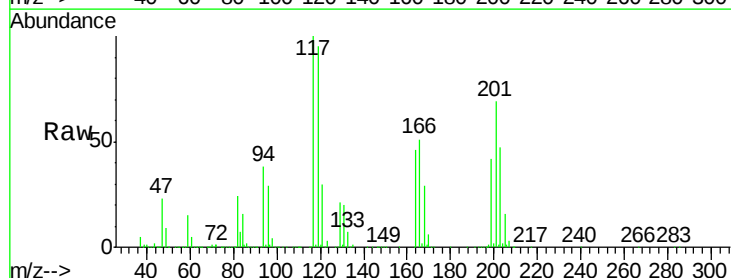
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#90  
Hexachloroethane  
Concen: 18.928 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 70.3  | 38.5  | 115.3 |





#91

1,2-Dichlorobenzene

Concen: 17.279 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018403.D

Acq: 15 Sep 2020 13:46

Instrument :

MSVOA\_X

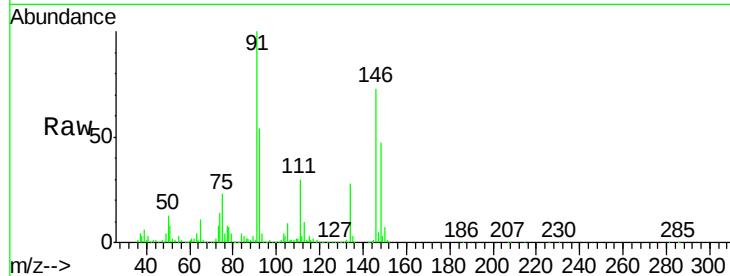
ClientSampleId :

VX0915WBS01

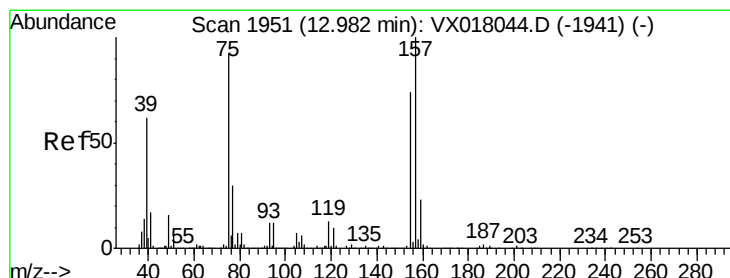
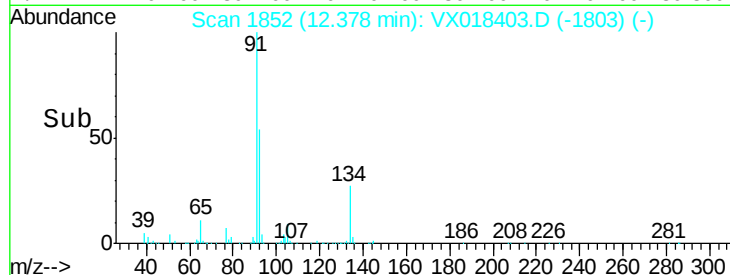
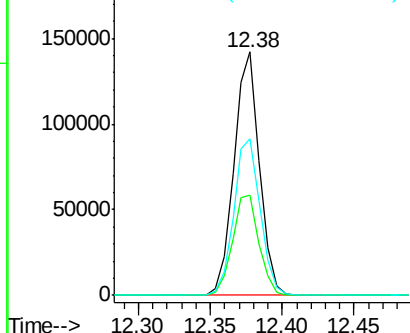
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 175881 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 43.0  | 20.8  | 62.5   |
| 148       | 66.6  | 31.6  | 95.0   |

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.898 ug/l

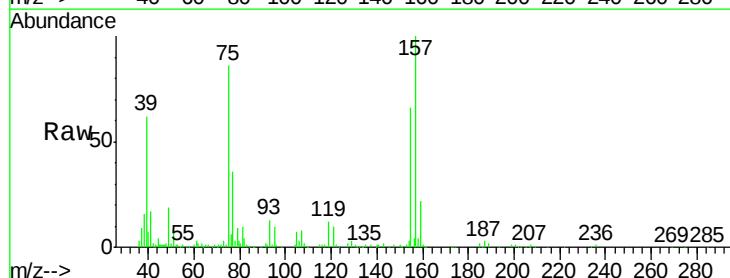
RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

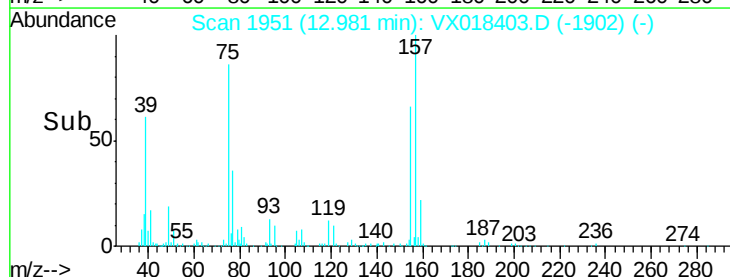
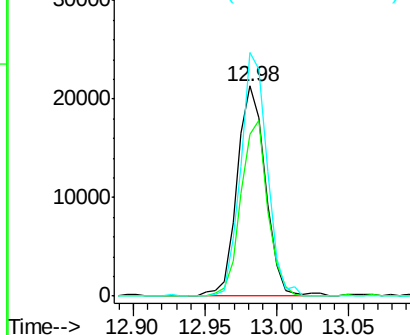
Lab File: VX018403.D

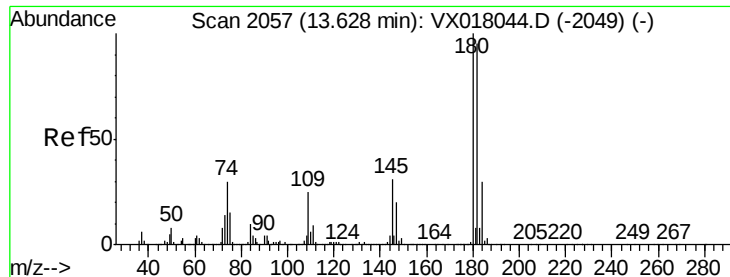
Acq: 15 Sep 2020 13:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 29278 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 78.1  | 40.2  | 120.6 |
| 157       | 106.8 | 55.0  | 165.2 |



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





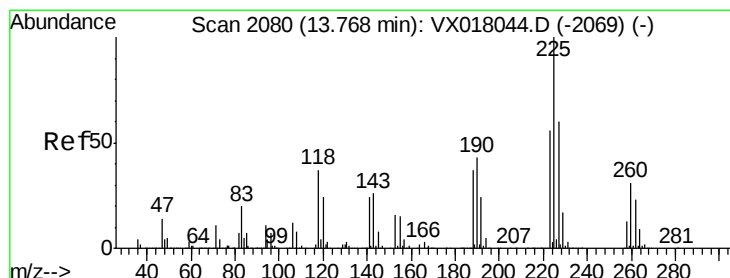
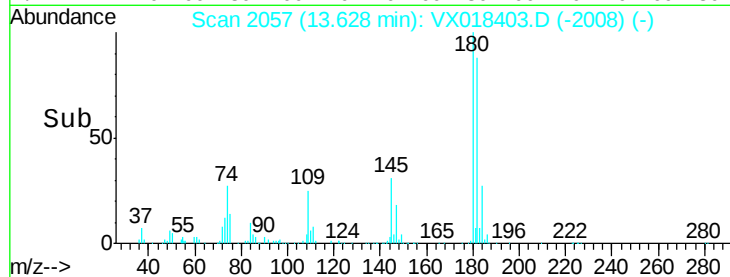
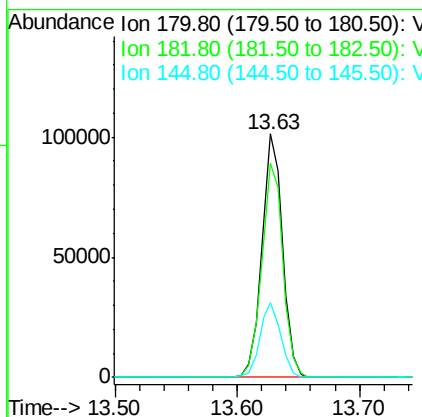
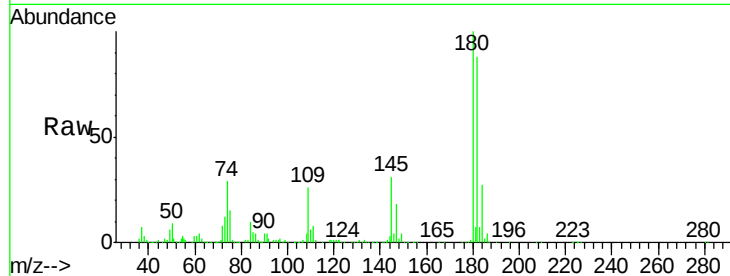
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.665 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX018403.D  
 Acq: 15 Sep 2020 13:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0915WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 119899 |       |       |
| 182     | 90.1  | 47.5   | 142.6 |       |
| 145     | 31.2  | 15.7   | 47.1  |       |

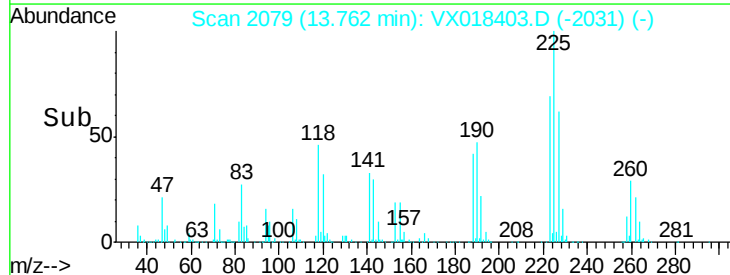
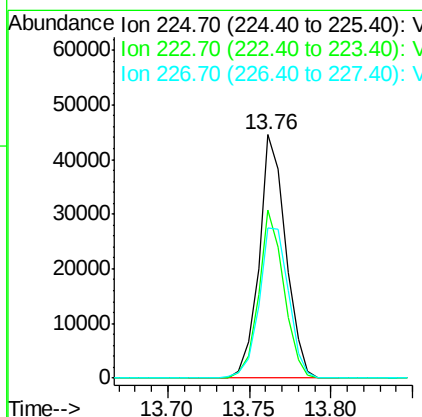
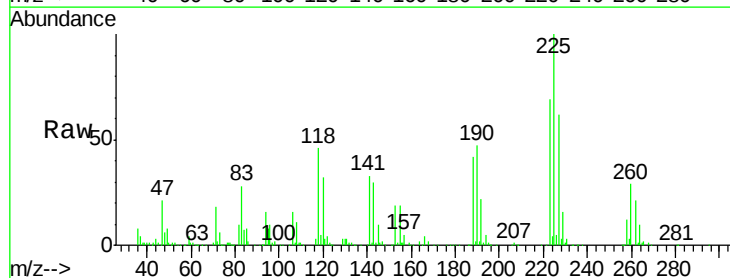
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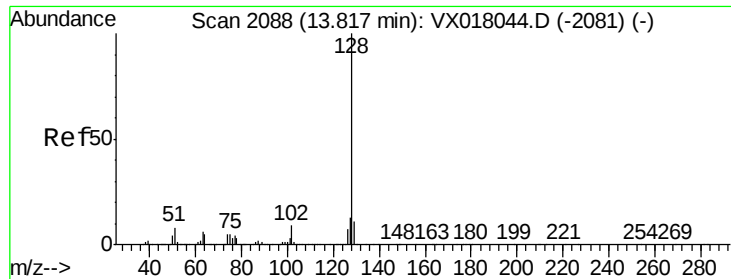
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#94  
 Hexachlorobutadiene  
 Concen: 18.982 ug/l  
 RT: 13.76 min Scan# 2079  
 Delta R.T. -0.01 min  
 Lab File: VX018403.D  
 Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 50819 |       |       |
| 223     | 65.3  | 30.7  | 92.1  |       |
| 227     | 68.2  | 32.6  | 97.8  |       |





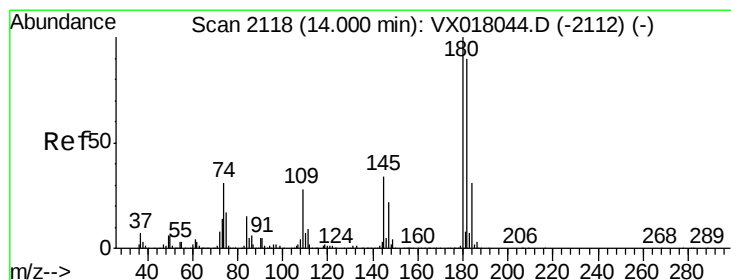
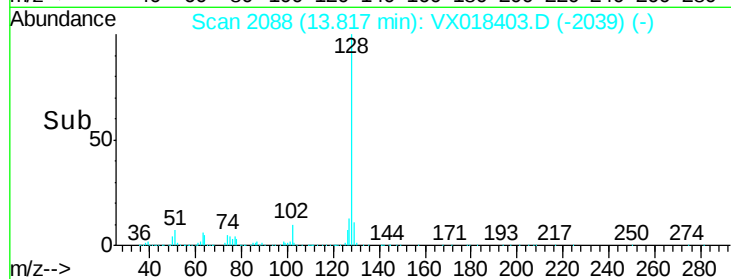
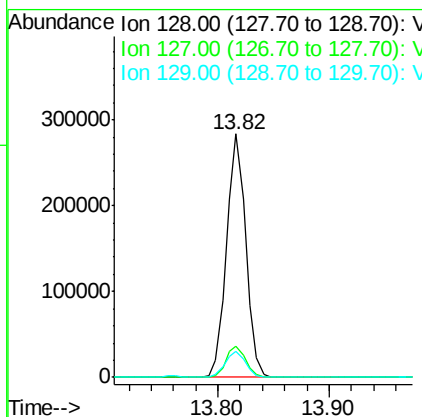
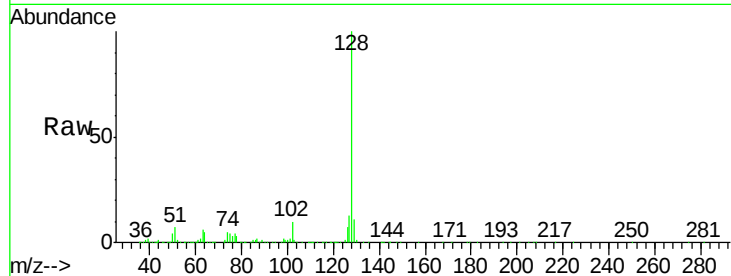
#95  
Naphthalene  
Concen: 15.198 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0915WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.2  | 15.2  |
| 129     | 11.1  | 8.7   | 13.1  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 17.809 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. -0.00 min  
Lab File: VX018403.D  
Acq: 15 Sep 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 90.0  | 47.3  | 142.0 |
| 145     | 32.9  | 17.5  | 52.6  |

