

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\  
 Data File : VW013663.D  
 Acq On : 23 Oct 2019 12:16  
 Operator : SY/VA  
 Sample : VSTDIC020  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC020

Manual Integrations  
 APPROVED

MMDadoda  
 10/24/2019 1:26:41 PM

Quant Time: Oct 23 14:05:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W102319S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 23 13:51:21 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 355930   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 502472   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 427342   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 218816   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 49084    | 17.67 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 35.34% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 50535    | 17.81 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 35.62% |      |
| 50) Toluene-d8            | 10.32  | 98  | 211295   | 17.76 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 35.52% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 71433    | 17.88 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 35.76% |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 44027  | 35.243 | ug/l | 94     |
| 3) Chloromethane              | 2.21 | 50  | 42244  | 20.773 | ug/l | 100    |
| 4) Vinyl Chloride             | 2.37 | 62  | 66794  | 22.014 | ug/l | 95     |
| 5) Bromomethane               | 2.78 | 94  | 41581  | 22.667 | ug/l | 96     |
| 6) Chloroethane               | 2.92 | 64  | 38066  | 21.977 | ug/l | 97     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 40249  | 27.007 | ug/l | 99     |
| 8) Diethyl Ether              | 3.68 | 74  | 30393  | 20.181 | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.07 | 101 | 64346  | 21.506 | ug/l | 98     |
| 10) Methyl Iodide             | 4.28 | 142 | 103120 | 21.622 | ug/l | 99     |
| 11) Tert butyl alcohol        | 5.21 | 59  | 16852  | 75.424 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 65143  | 20.970 | ug/l | 96     |
| 13) Acrolein                  | 3.89 | 56  | 17014  | 79.628 | ug/l | 94     |
| 14) Allyl chloride            | 4.67 | 41  | 99466  | 20.824 | ug/l | 99     |
| 15) Acrylonitrile             | 5.37 | 53  | 62575  | 90.780 | ug/l | 99     |
| 16) Acetone                   | 4.14 | 43  | 49701  | 78.648 | ug/l | 93     |
| 17) Carbon Disulfide          | 4.39 | 76  | 192836 | 22.037 | ug/l | 100    |
| 18) Methyl Acetate            | 4.68 | 43  | 31196  | 17.311 | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 76852  | 16.922 | ug/l | 96     |
| 20) Methylene Chloride        | 4.92 | 84  | 70307  | 19.887 | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 68995  | 20.838 | ug/l | 94     |
| 22) Diisopropyl ether         | 6.31 | 45  | 180158 | 20.181 | ug/l | 95     |
| 23) Vinyl Acetate             | 6.25 | 43  | 525801 | 98.626 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.22 | 63  | 114598 | 20.864 | ug/l | 98     |
| 25) 2-Butanone                | 7.18 | 43  | 79154  | 85.370 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 66484  | 19.204 | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 74028  | 21.098 | ug/l | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 29475  | 15.034 | ug/l | # 98   |
| 29) Tetrahydrofuran           | 7.53 | 42  | 51999  | 91.867 | ug/l | 99     |
| 30) Chloroform                | 7.67 | 83  | 112805 | 21.258 | ug/l | 96     |
| 31) Cyclohexane               | 7.96 | 56  | 120558 | 20.825 | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 91165  | 21.236 | ug/l | 97     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 97004  | 21.226 | ug/l | 99     |
| 37) Ethyl Acetate             | 7.25 | 43  | 37253  | 18.431 | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 86393  | 21.369 | ug/l | 95     |

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 Sample : VSTDIC020  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC020

**Manual Integrations**  
**APPROVED**  
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 10/24/2019 1:26:41 PM

Quant Time: Oct 23 14:05:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W102319S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 23 13:51:21 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 123885   | 20.910  | ug/l   | 92       |
| 40) Benzene                    | 8.32  | 78   | 271443   | 21.231  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.49  | 41   | 21018    | 18.181  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 67769    | 20.960  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.42  | 43   | 69539    | 18.869  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 77199    | 21.160  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 64286    | 20.925  | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 30528    | 20.012  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.64  | 83   | 78489    | 20.594  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.43  | 41   | 35486    | 19.434  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 9716     | 374.234 | ug/l # | 98       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 172199   | 89.514  | ug/l   | 99       |
| 52) Toluene                    | 10.38 | 92   | 173670   | 21.078  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 79340    | 20.090  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 99508    | 20.734  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 45370    | 19.872  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 58016    | 19.108  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 79592    | 20.274  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 121846   | 85.344  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.97 | 43   | 116194   | 88.294  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 53900    | 20.512  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 44000    | 20.247  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.86 | 164  | 67773    | 21.404  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.66 | 112  | 178679   | 20.927  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 62759    | 21.109  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.73 | 91   | 326753   | 20.917  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.84 | 106  | 257107   | 43.266  | ug/l   | 96       |
| 69) o-Xylene                   | 12.16 | 106  | 117358   | 21.336  | ug/l   | 97       |
| 70) Styrene                    | 12.18 | 104  | 197464   | 20.921  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 32139    | 19.873  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.46 | 105  | 324021   | 20.631  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 62675    | 18.585  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 50262    | 19.002  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 31829m   | 17.705  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 76093    | 20.374  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.80 | 91   | 380460   | 20.940  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 208116   | 20.408  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 273201   | 20.834  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 16741    | 18.977  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 219107   | 20.653  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 243752   | 20.933  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 271959   | 20.970  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.38 | 105  | 332862   | 20.767  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 310519   | 21.033  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 149529   | 21.061  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 149876   | 21.540  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.82 | 91   | 282453   | 21.187  | ug/l   | 100      |
| 90) Hexachloroethane           | 14.09 | 117  | 51864    | 20.394  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 129645   | 20.747  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.48 | 75   | 7750     | 18.494  | ug/l   | 97       |

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 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC020

Manual Integrations  
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Quant Time: Oct 23 14:05:01 2019  
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 Quant Title : SW846 8260  
 QLast Update : Wed Oct 23 13:51:21 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 92925    | 20.934 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.23 | 225  | 64476    | 21.865 | ug/l  | 98       |
| 95) Naphthalene            | 15.36 | 128  | 148221   | 19.522 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.55 | 180  | 80413    | 20.705 | ug/l  | 99       |

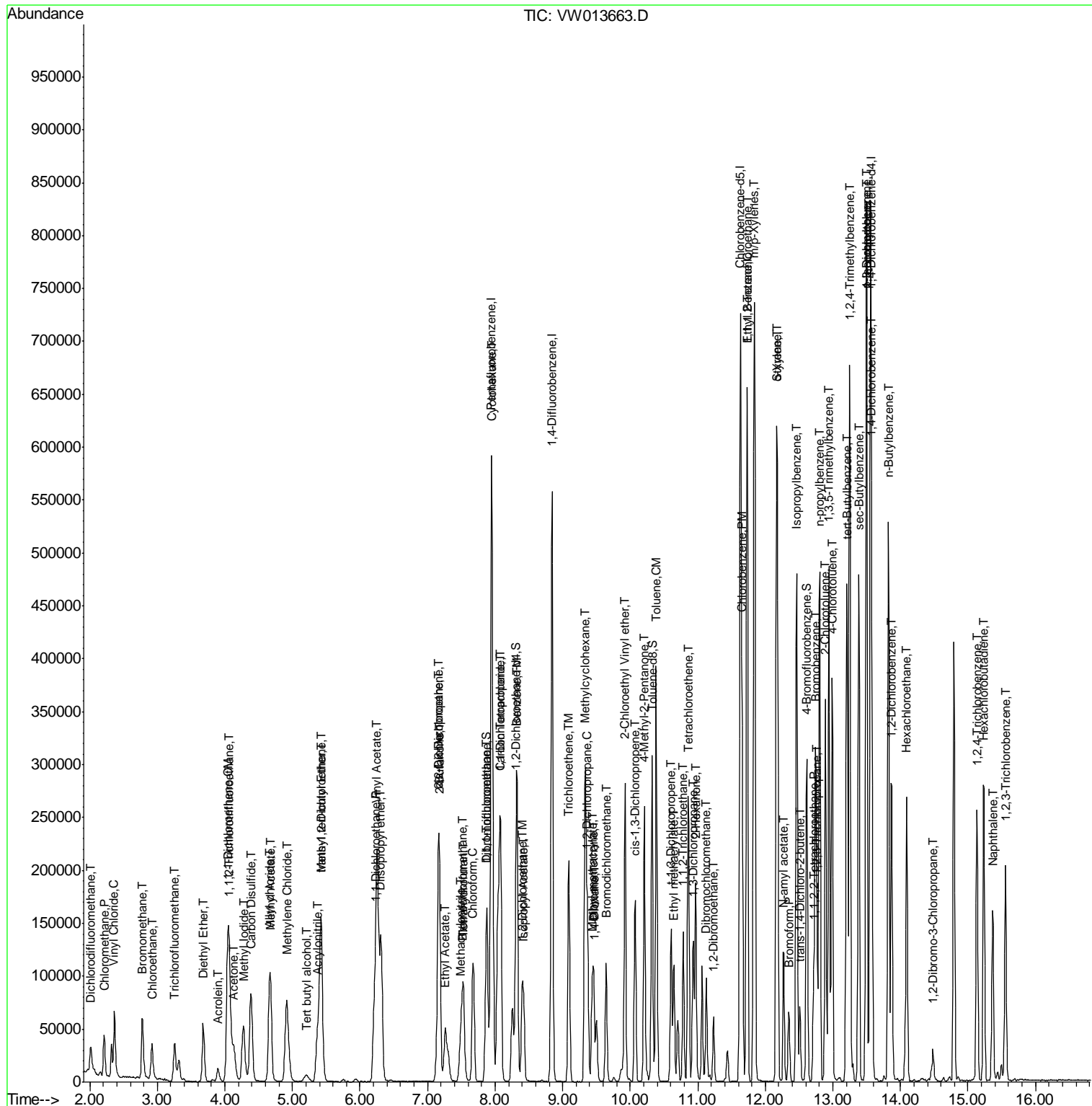
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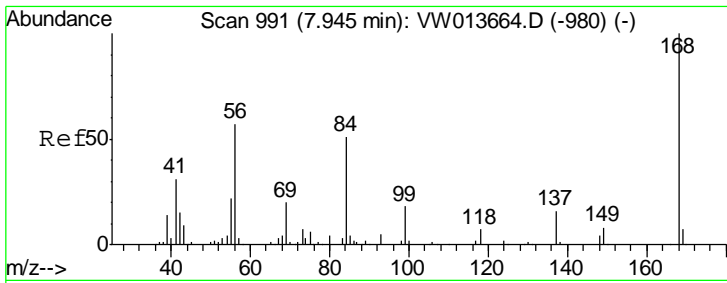
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\  
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 Acq On : 23 Oct 2019 12:16  
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 Sample : VSTDICC020  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 VSTDICC020

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 Quant Title : SW846 8260  
 QLast Update : Wed Oct 23 13:51:21 2019  
 Response via : Initial Calibration





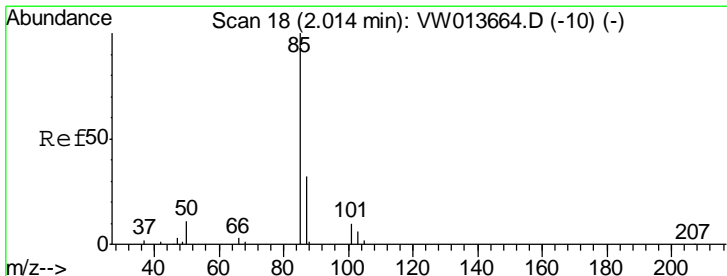
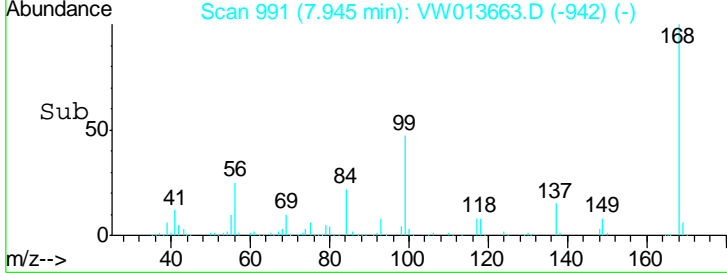
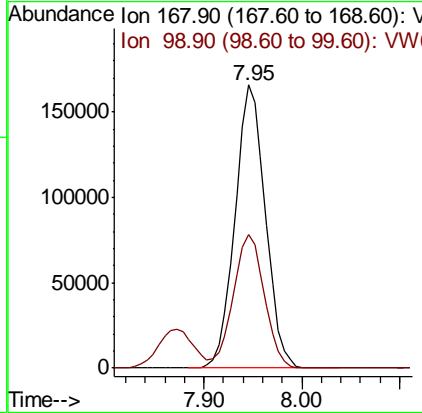
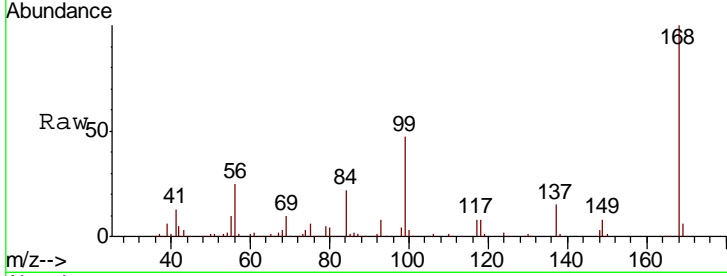
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 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.95 min Scan# 991  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 168     | 100  |       |       |
| 99      | 47.0 | 39.0  | 58.6  |

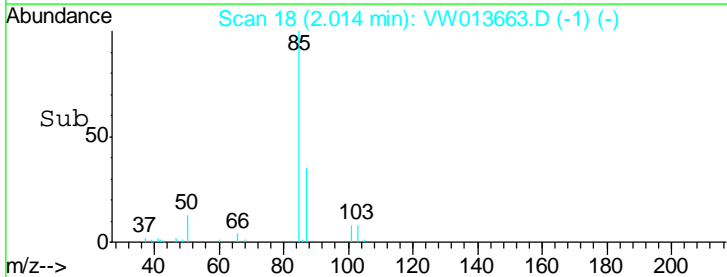
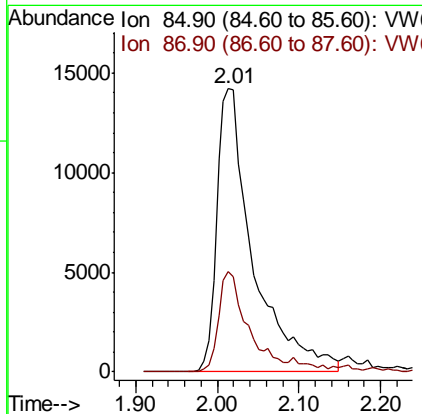
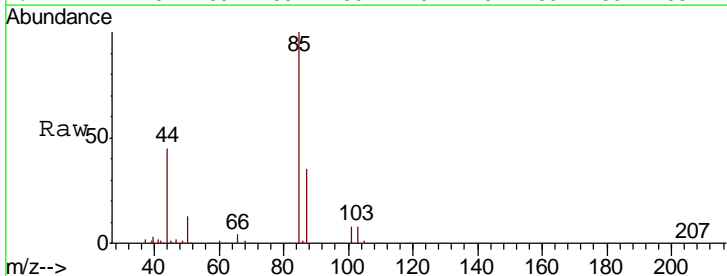
Manual Integrations  
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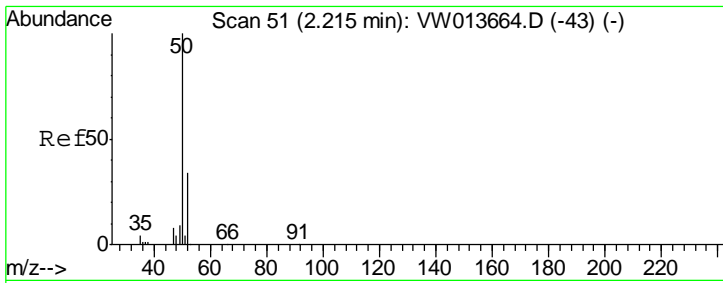
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#2  
 Dichlorodifluoromethane  
 Concen: 35.243 ug/l  
 RT: 2.01 min Scan# 18  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 85      | 100  |       |       |
| 87      | 35.5 | 16.0  | 48.0  |



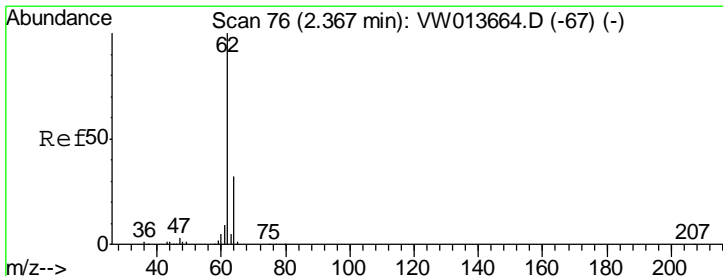
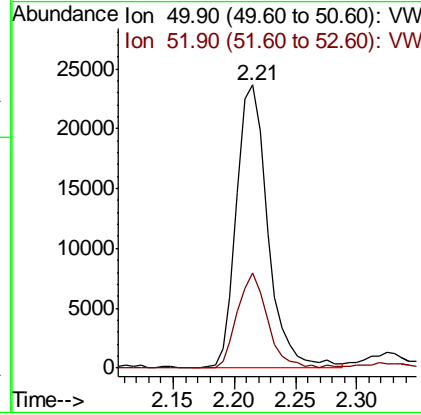
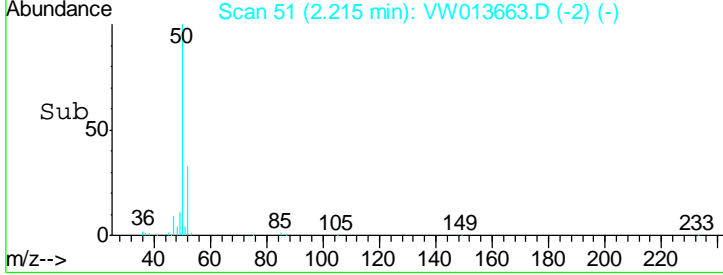
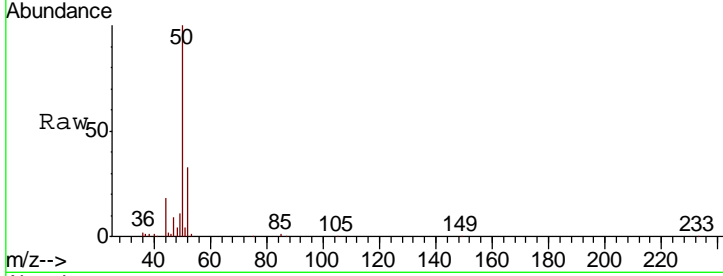


#3  
 Chloromethane  
 Concen: 20.773 ug/l  
 RT: 2.21 min Scan# 51  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 50      | 42244 |       |       |
| 52      | 33.4  | 26.9  | 40.3  |

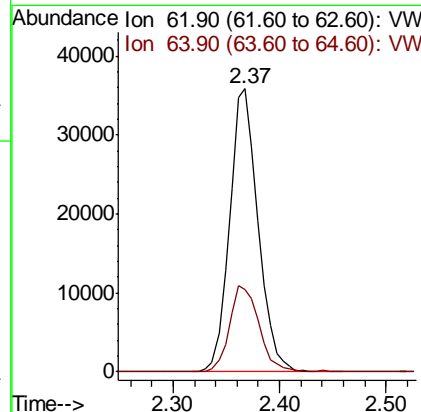
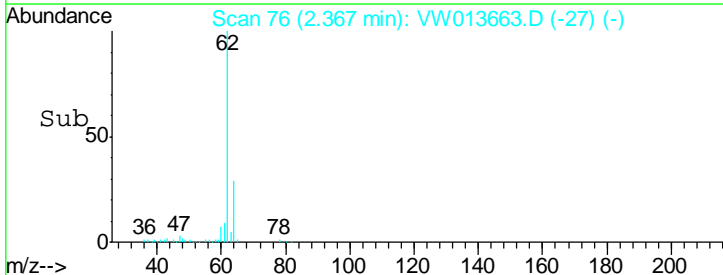
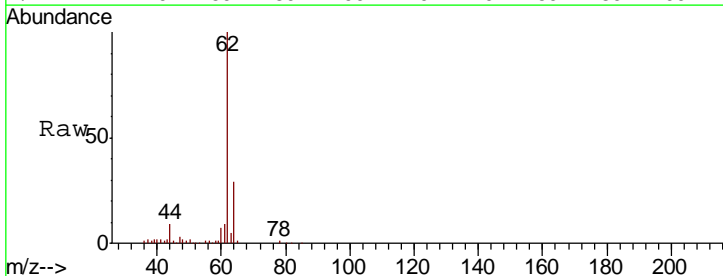
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC020

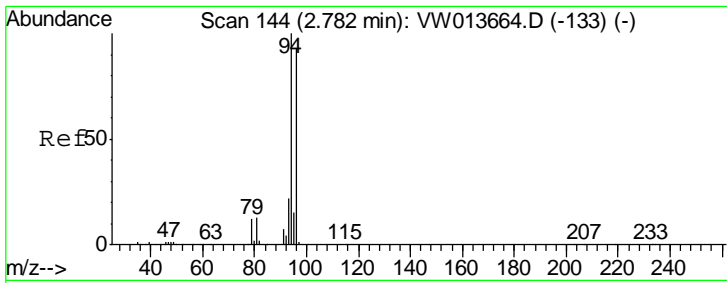
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#4  
 Vinyl Chloride  
 Concen: 22.014 ug/l  
 RT: 2.37 min Scan# 76  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 66794 |       |       |
| 64      | 29.2  | 25.5  | 38.3  |





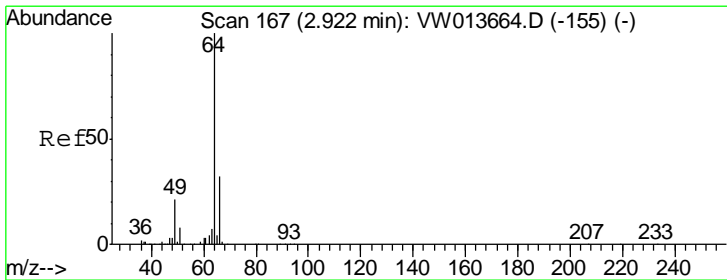
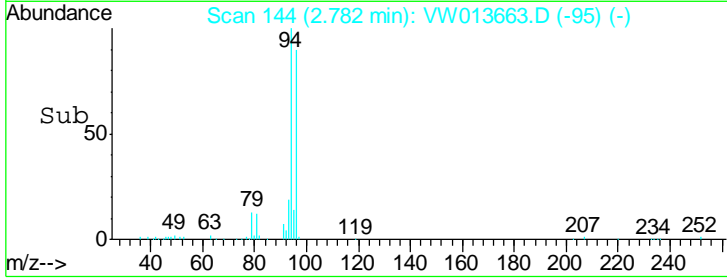
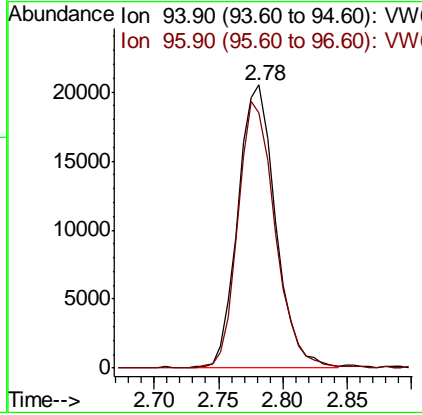
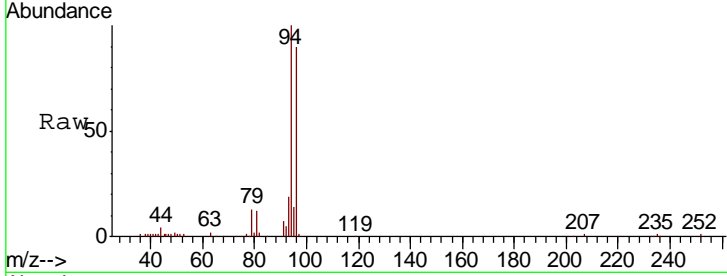
#5  
 Bromomethane  
 Concen: 22.667 ug/l  
 RT: 2.78 min Scan# 144  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 41581 |       |       |
| 96      | 89.8  | 74.6  | 112.0 |

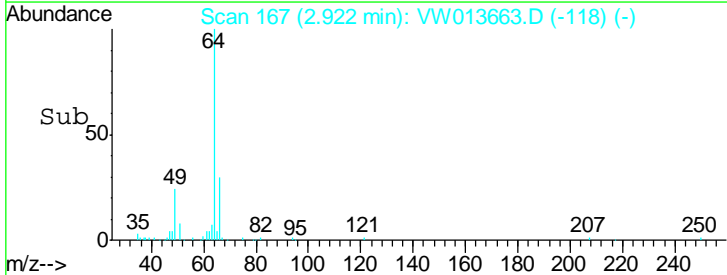
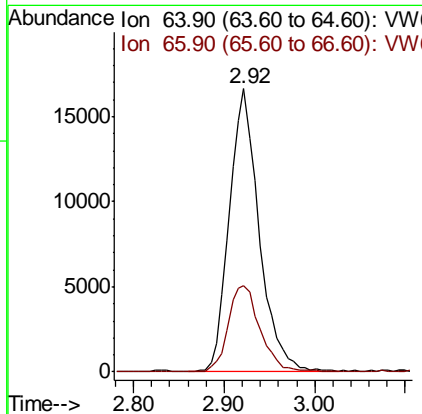
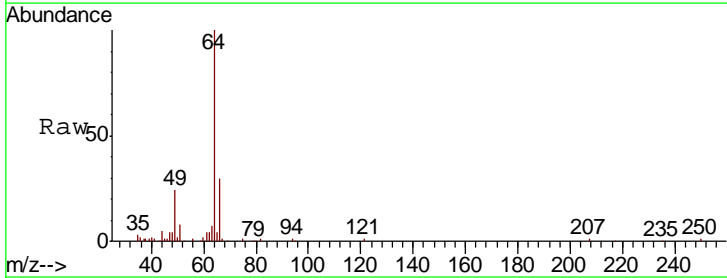
Manual Integrations  
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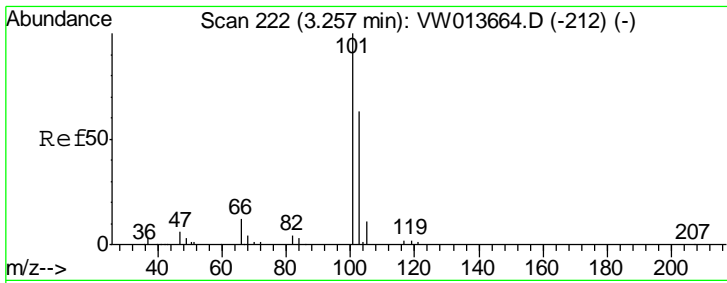
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#6  
 Chloroethane  
 Concen: 21.977 ug/l  
 RT: 2.92 min Scan# 167  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 64      | 38066 |       |       |
| 66      | 30.3  | 25.4  | 38.0  |





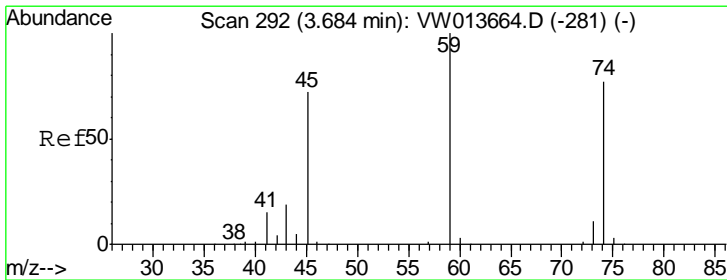
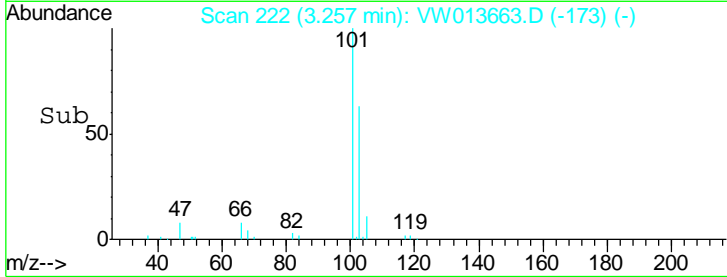
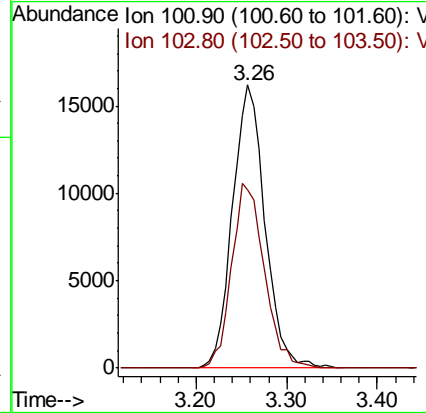
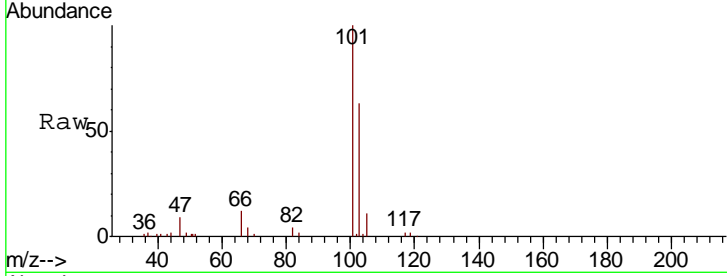
#7  
 Trichlorofluoromethane  
 Concen: 27.007 ug/l  
 RT: 3.26 min Scan# 222  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 40249 |       |       |
| 103     | 62.8  | 50.6  | 76.0  |

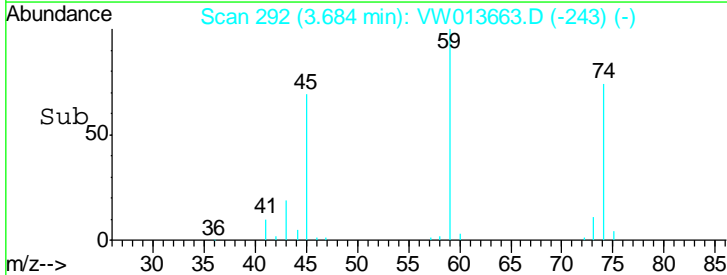
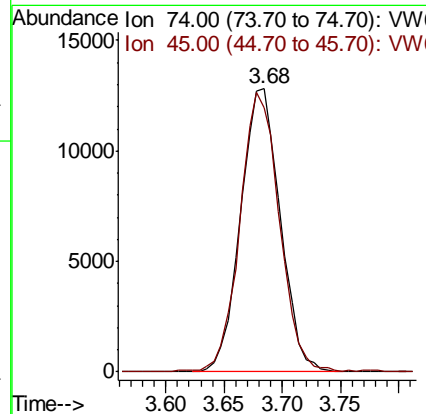
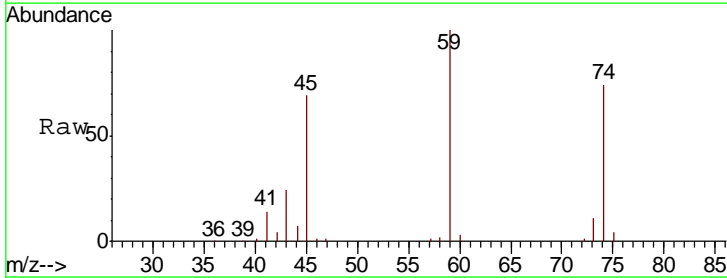
**Manual Integrations**  
**APPROVED**

MMDadoda  
 10/24/2019 1:26:41 PM

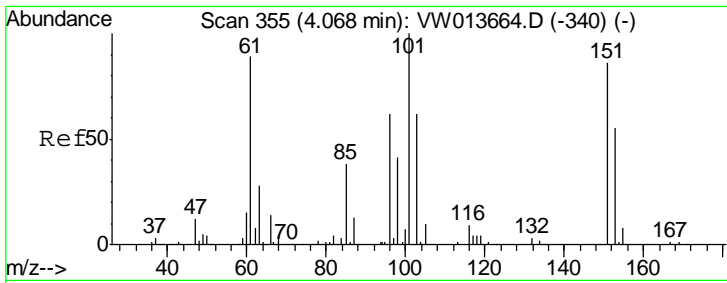


#8  
 Diethyl Ether  
 Concen: 20.181 ug/l  
 RT: 3.68 min Scan# 292  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 30393 |       |       |
| 45      | 98.5  | 47.9  | 143.6 |







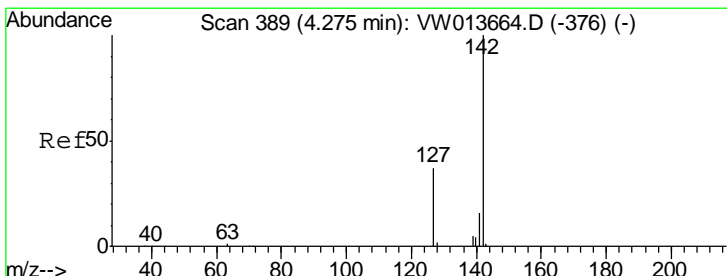
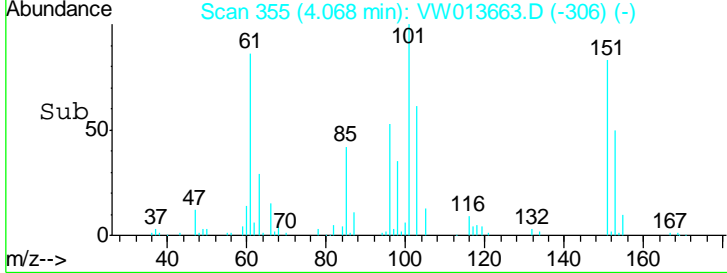
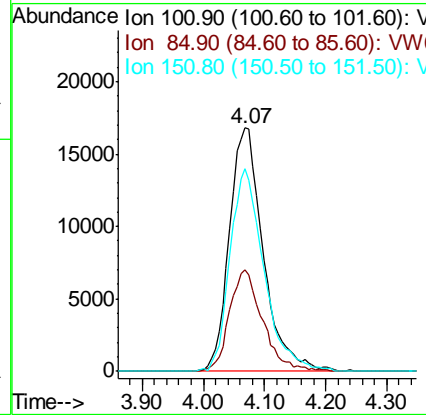
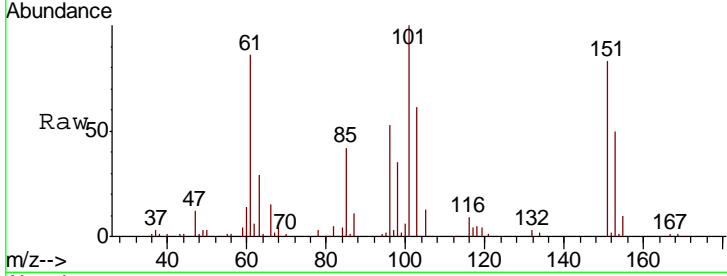
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 21.506 ug/l  
 RT: 4.07 min Scan# 355  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 64346 |       |       |
| 101     | 100   |       |       |
| 85      | 40.7  | 31.0  | 46.6  |
| 151     | 83.4  | 68.2  | 102.4 |

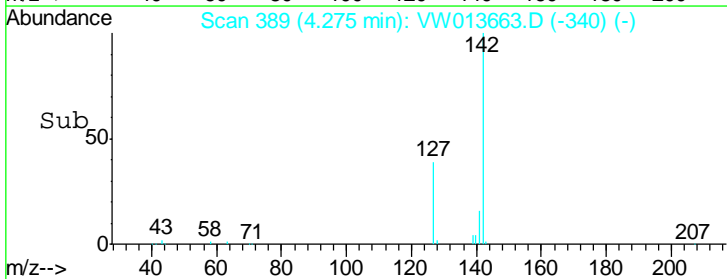
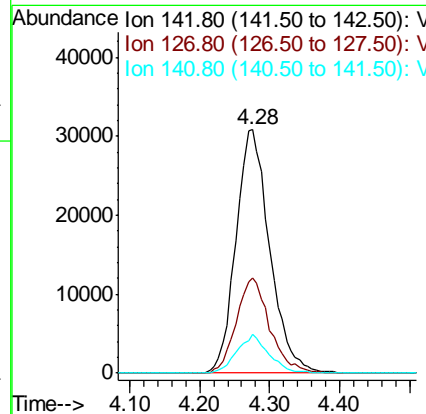
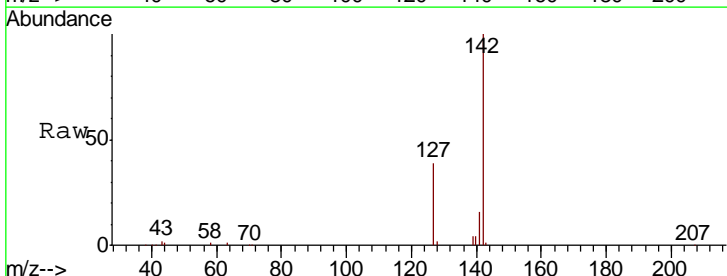
Manual Integrations  
 APPROVED

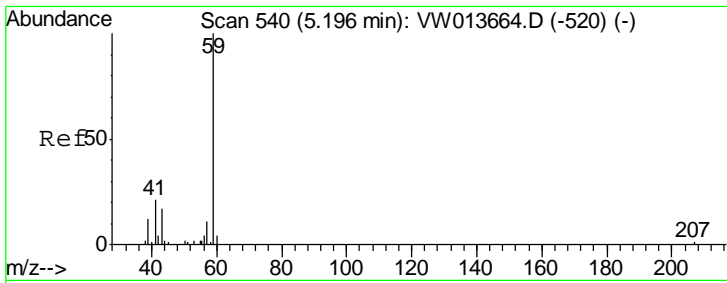
MMDadoda  
 10/24/2019 1:26:41 PM



#10  
 Methyl Iodide  
 Concen: 21.622 ug/l  
 RT: 4.28 min Scan# 389  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 142     | 103120 |       |       |
| 142     | 100    |       |       |
| 127     | 38.6   | 30.3  | 45.5  |
| 141     | 14.6   | 11.8  | 17.8  |



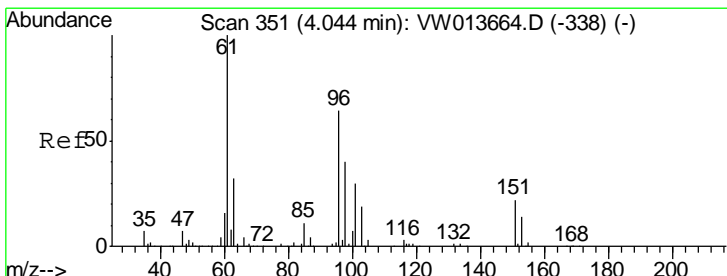
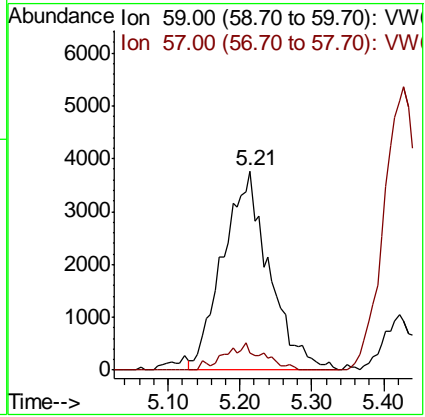
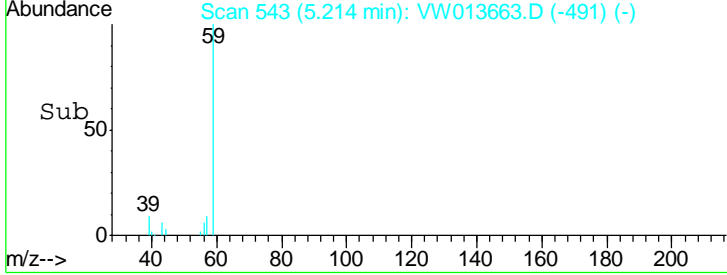
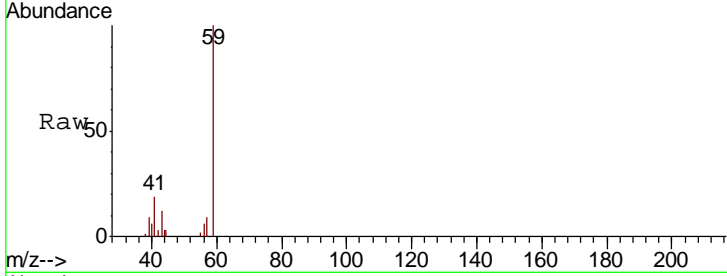


#11  
 Tert butyl alcohol  
 Concen: 75.424 ug/l  
 RT: 5.21 min Scan# 543  
 Delta R.T. 0.02 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC020

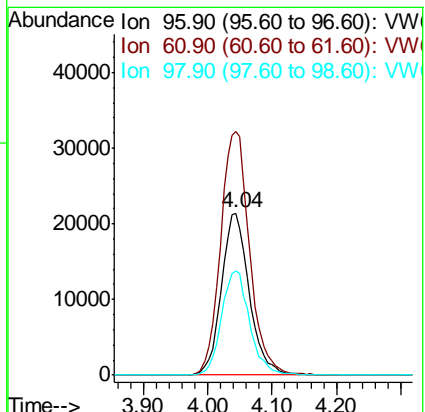
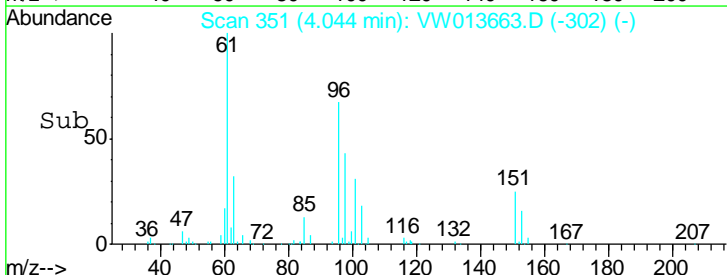
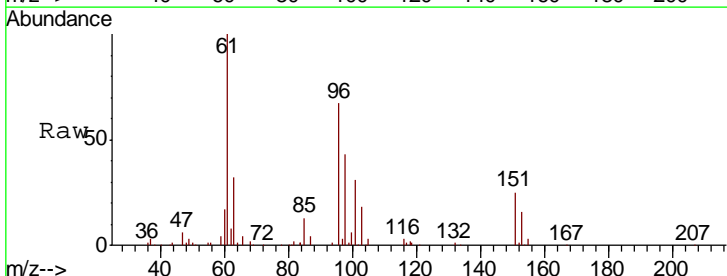
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 16852 |       |       |
| 57      | 10.4  | 8.8   | 13.2  |

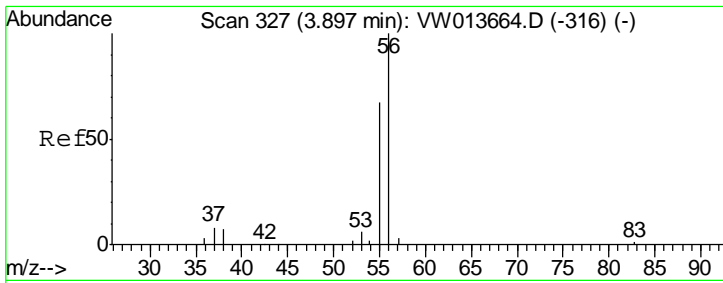
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/24/2019 1:26:41 PM



#12  
 1,1-Dichloroethene  
 Concen: 20.970 ug/l  
 RT: 4.04 min Scan# 351  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 65143 |       |       |
| 61      | 150.2 | 125.0 | 187.6 |
| 98      | 64.0  | 50.3  | 75.5  |





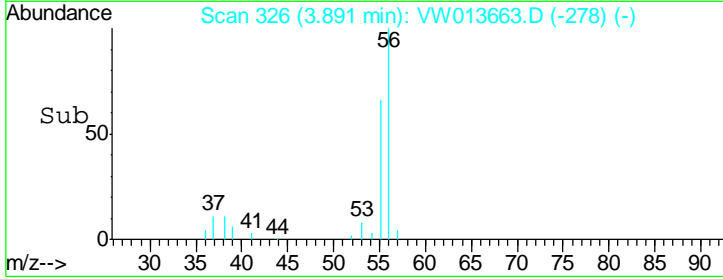
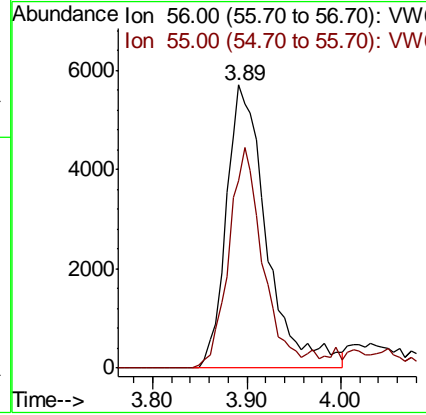
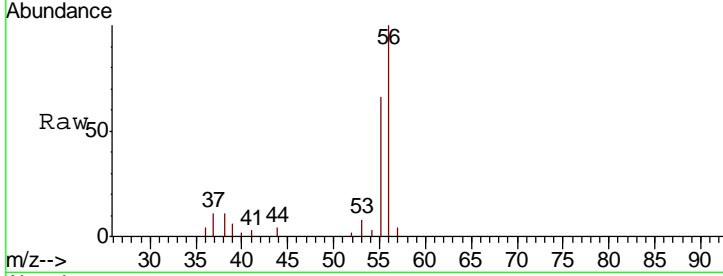
#13  
 Acrolein  
 Concen: 79.628 ug/l  
 RT: 3.89 min Scan# 326  
 Delta R.T. -0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 17014 |       |       |
| 55      | 65.2  | 56.1  | 84.1  |

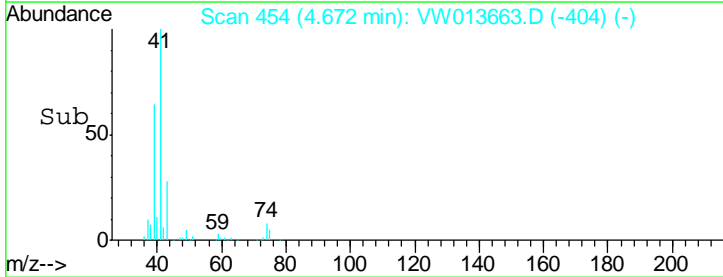
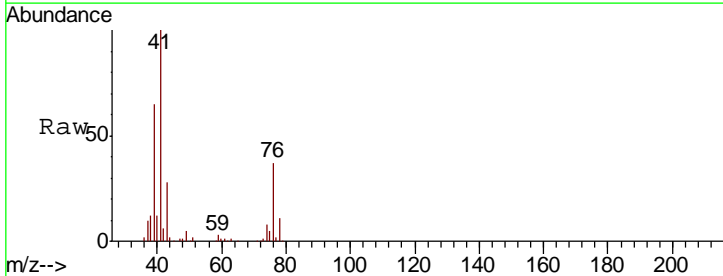
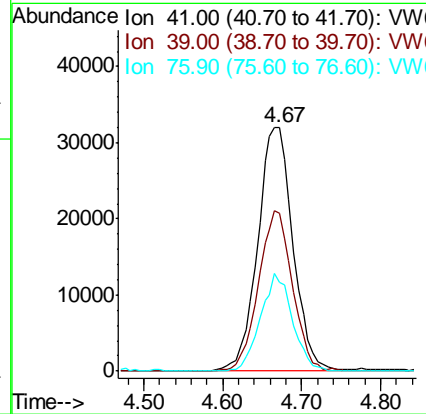
Manual Integrations  
 APPROVED

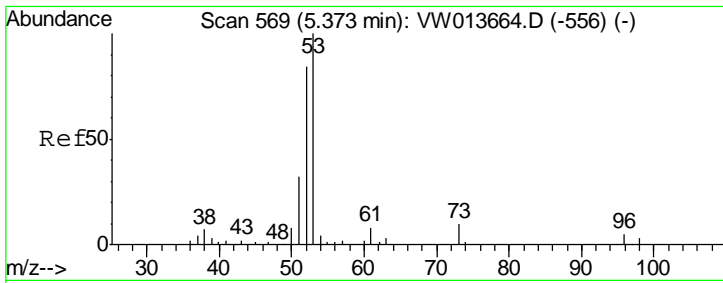
MMDadoda  
 10/24/2019 1:26:41 PM



#14  
 Allyl chloride  
 Concen: 20.824 ug/l  
 RT: 4.67 min Scan# 454  
 Delta R.T. 0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 99466 |       |       |
| 39      | 63.1  | 50.0  | 75.0  |
| 76      | 36.1  | 29.6  | 44.4  |





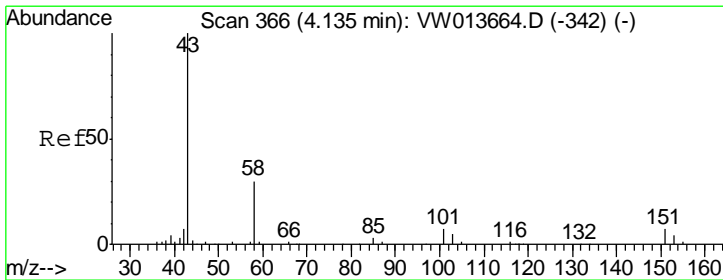
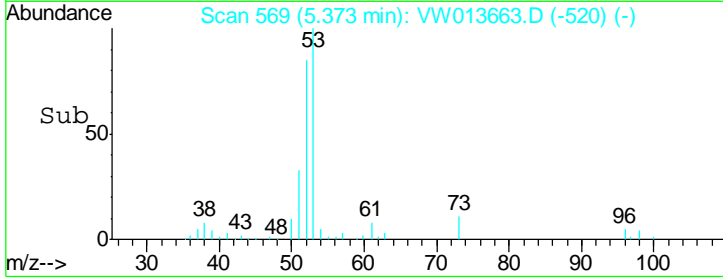
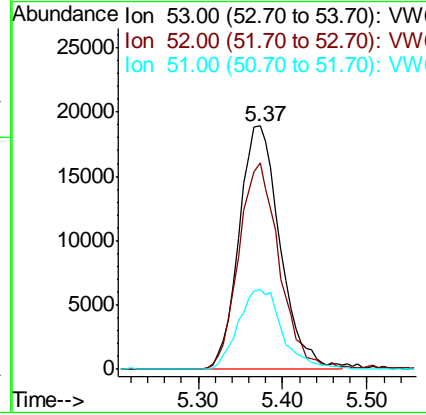
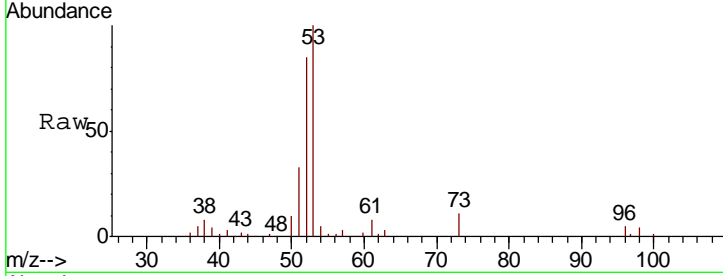
#15  
 Acrylonitrile  
 Concen: 90.780 ug/l  
 RT: 5.37 min Scan# 569  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 53      | 100  |       |       |
| 52      | 83.8 | 67.4  | 101.0 |
| 51      | 35.5 | 29.1  | 43.7  |

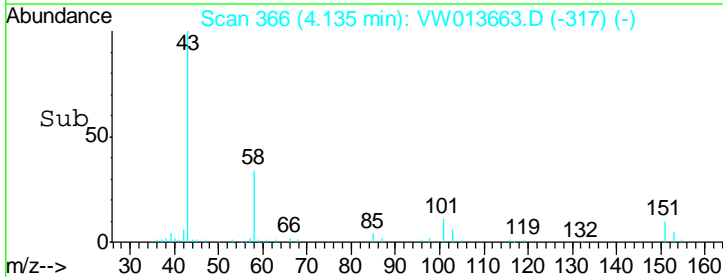
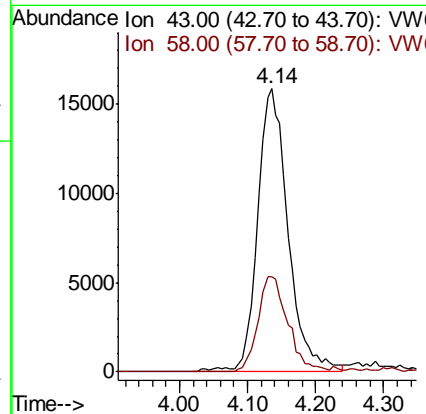
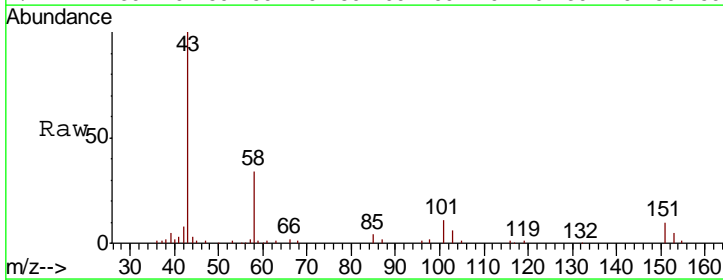
**Manual Integrations**  
**APPROVED**

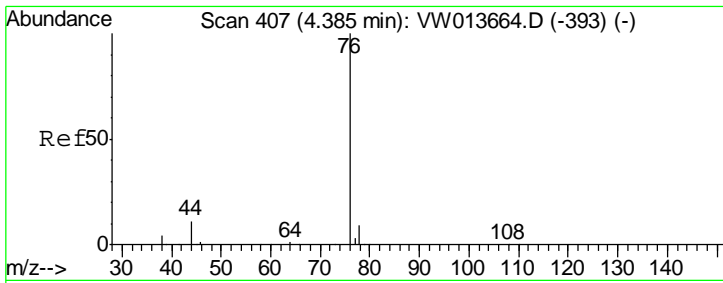
MMDadoda  
 10/24/2019 1:26:41 PM



#16  
 Acetone  
 Concen: 78.648 ug/l  
 RT: 4.14 min Scan# 366  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 58      | 33.7 | 24.1  | 36.1  |





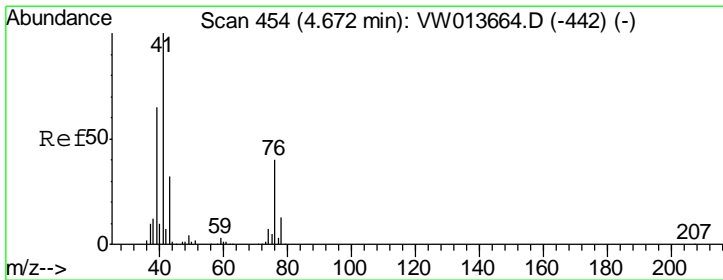
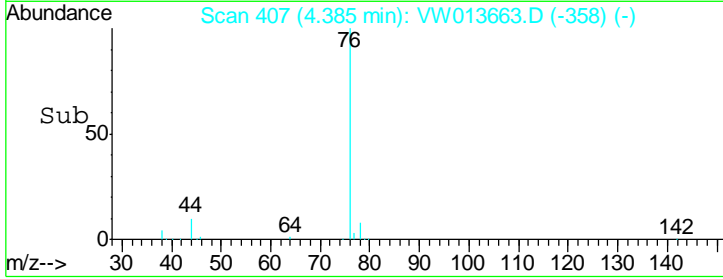
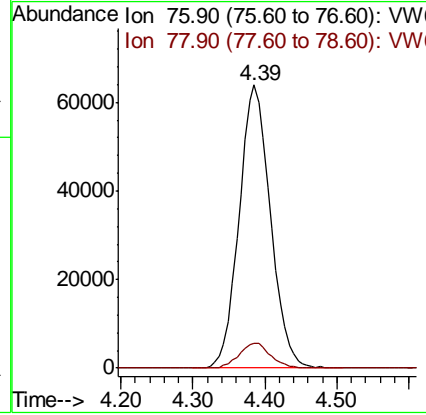
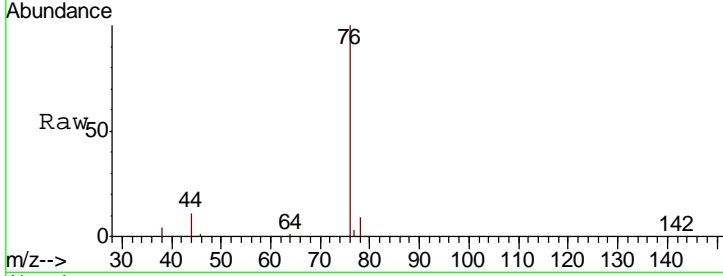
#17  
 Carbon Disulfide  
 Concen: 22.037 ug/l  
 RT: 4.39 min Scan# 407  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 76      | 100  |       |       |
| 78      | 8.6  | 7.0   | 10.6  |

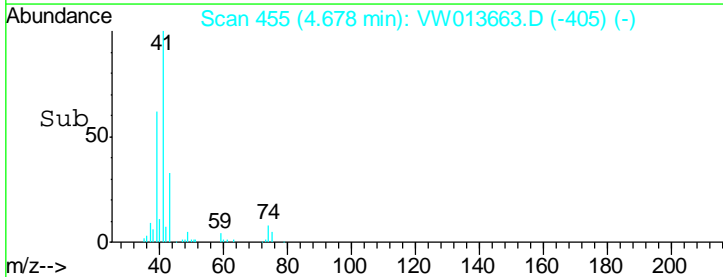
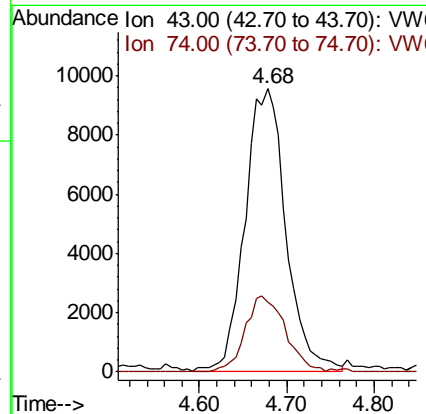
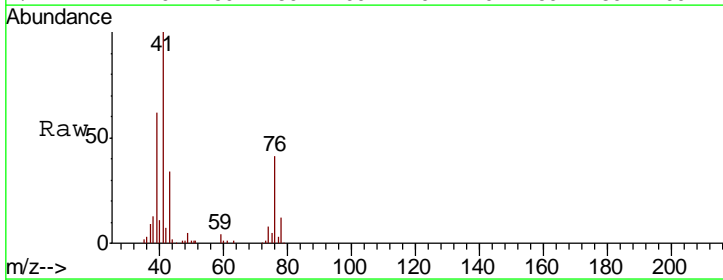
**Manual Integrations**  
**APPROVED**

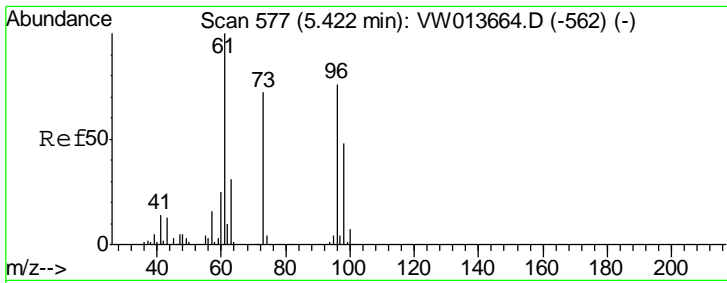
MMDadoda  
 10/24/2019 1:26:41 PM



#18  
 Methyl Acetate  
 Concen: 17.311 ug/l  
 RT: 4.68 min Scan# 455  
 Delta R.T. 0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 74      | 26.2 | 19.8  | 29.8  |





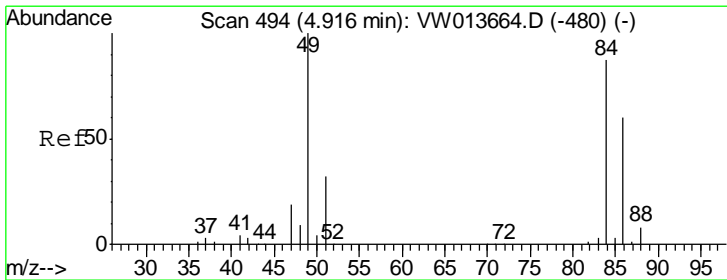
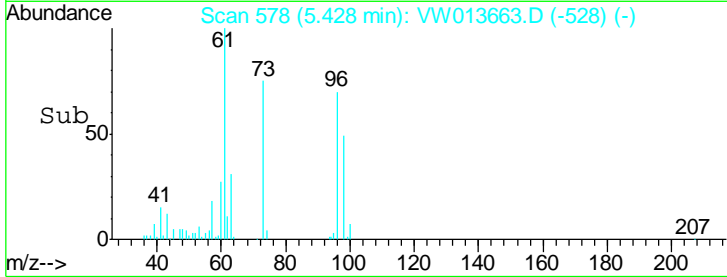
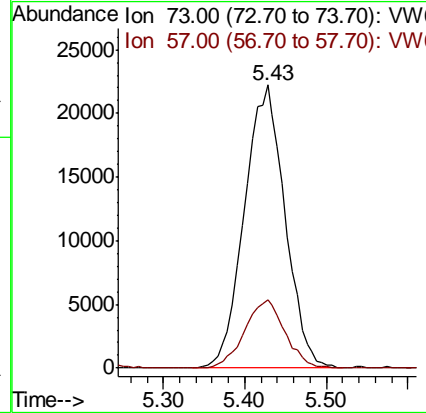
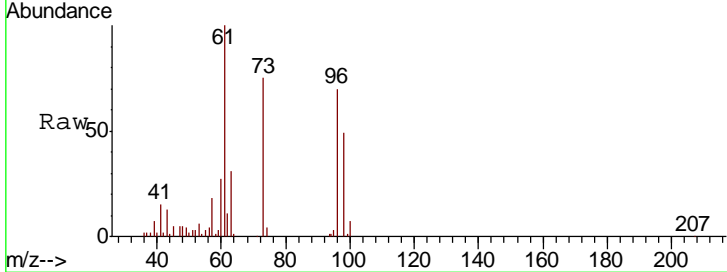
#19  
Methyl tert-butyl Ether  
Concen: 16.922 ug/l  
RT: 5.43 min Scan# 578  
Delta R.T. 0.01 min  
Lab File: VW013663.D  
Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
ClientSampled : VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 73      | 100  |       |       |
| 57      | 24.1 | 17.6  | 26.4  |

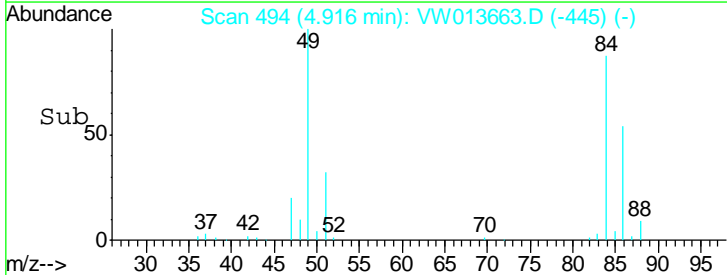
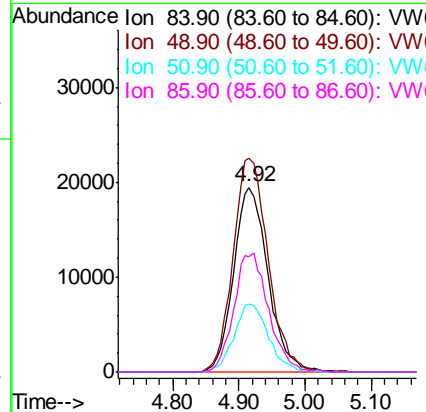
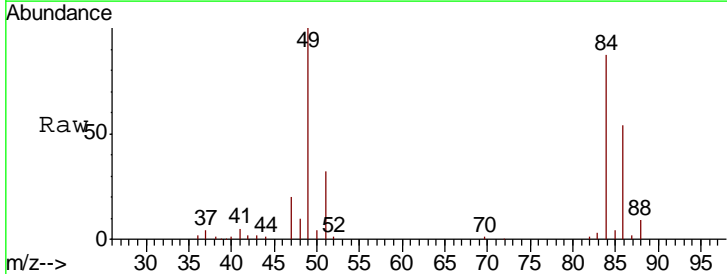
Manual Integrations  
APPROVED

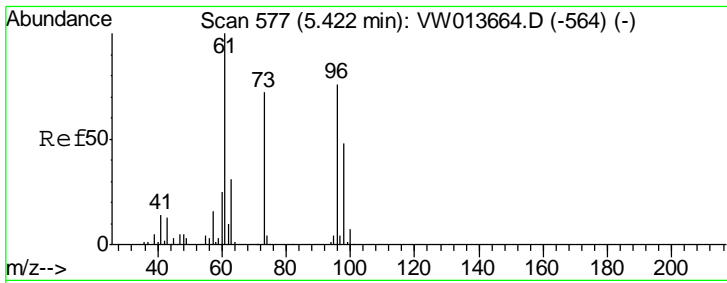
MMDadoda  
10/24/2019 1:26:41 PM



#20  
Methylene Chloride  
Concen: 19.887 ug/l  
RT: 4.92 min Scan# 494  
Delta R.T. -0.00 min  
Lab File: VW013663.D  
Acq: 23 Oct 2019 12:16

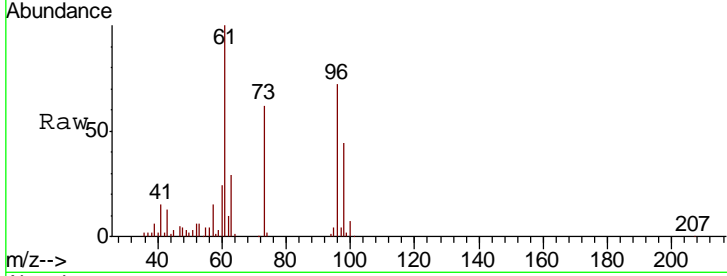
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 115.5 | 91.8  | 137.6 |
| 51      | 37.0  | 29.8  | 44.6  |
| 86      | 62.1  | 55.2  | 82.8  |





#21  
 trans-1,2-Dichloroethene  
 Concen: 20.838 ug/l  
 RT: 5.42 min Scan# 577  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

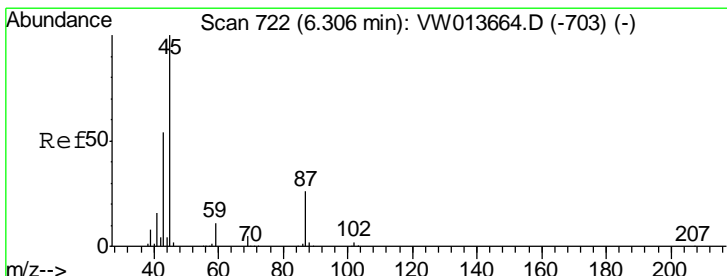
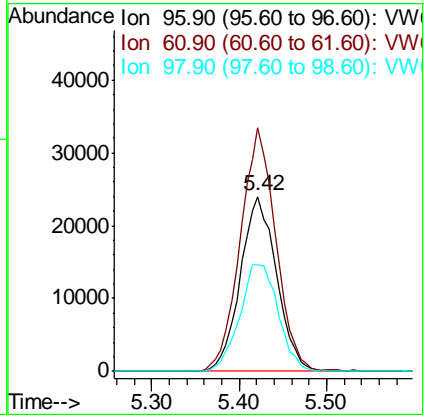
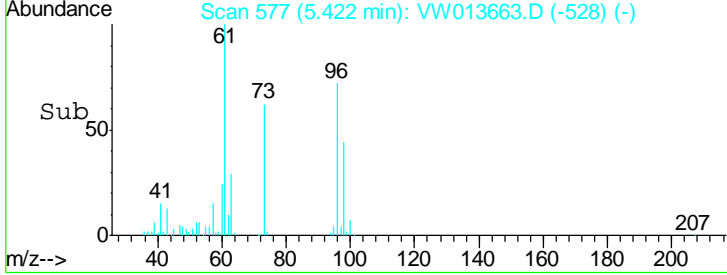
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC020



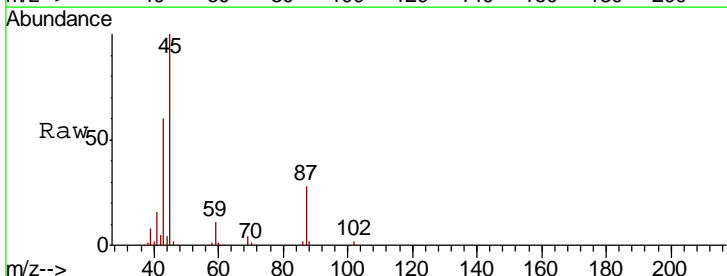
Tgt Ion: 96 Resp: 68995

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 139.3 | 104.8 | 157.2 |
| 98  | 60.8  | 50.6  | 76.0  |

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/24/2019 1:26:41 PM

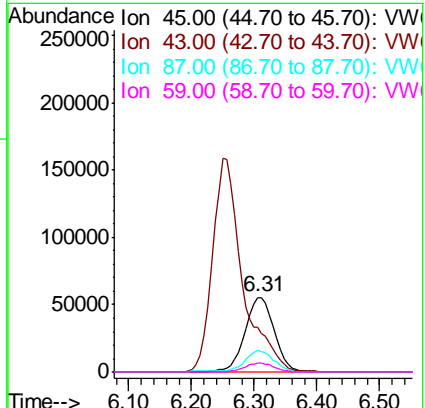
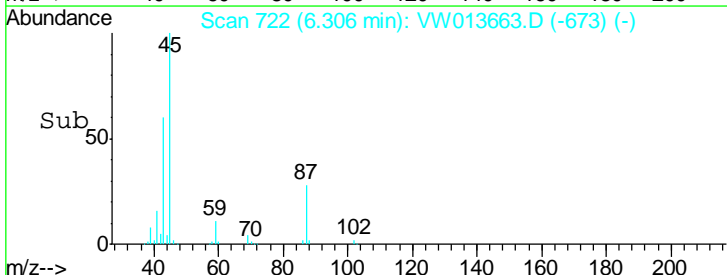


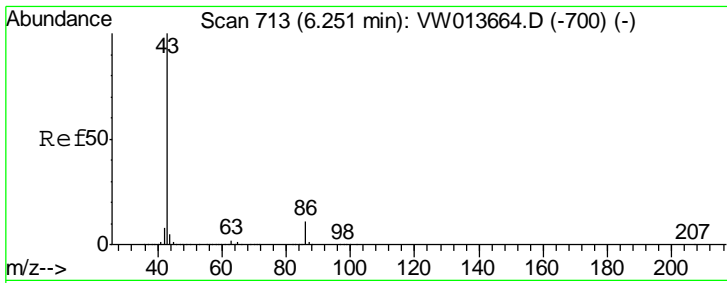
#22  
 Diisopropyl ether  
 Concen: 20.181 ug/l  
 RT: 6.31 min Scan# 722  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16



Tgt Ion: 45 Resp: 180158

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 58.9  | 43.4  | 65.2  |
| 87  | 28.3  | 21.5  | 32.3  |
| 59  | 11.2  | 9.2   | 13.8  |



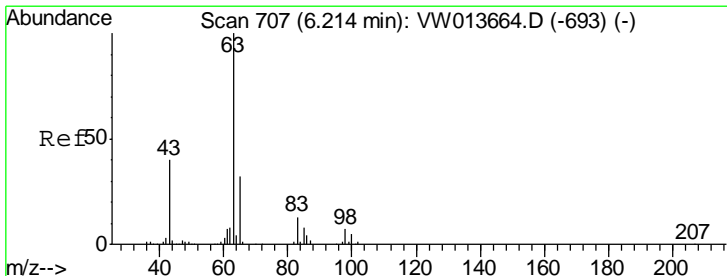
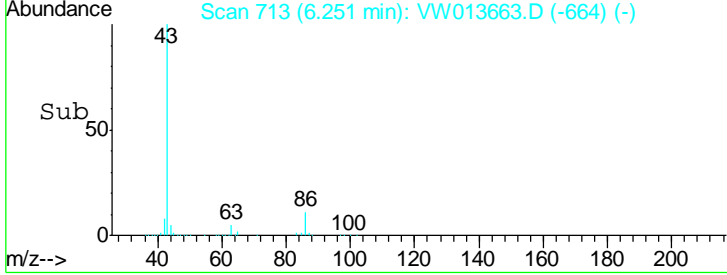
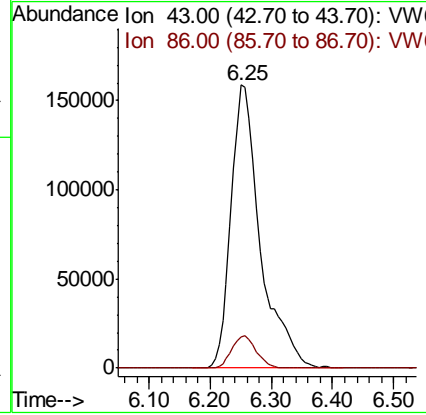
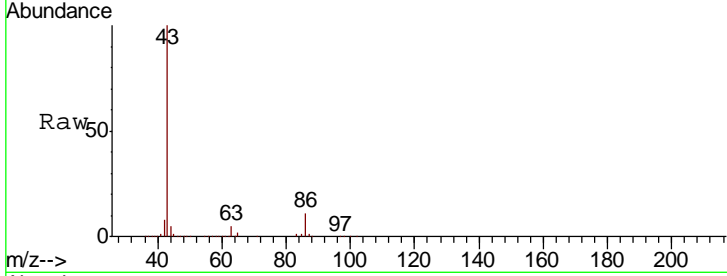


#23  
 Vinyl Acetate  
 Concen: 98.626 ug/l  
 RT: 6.25 min Scan# 713  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 86      | 11.0  | 9.0   | 13.6  |

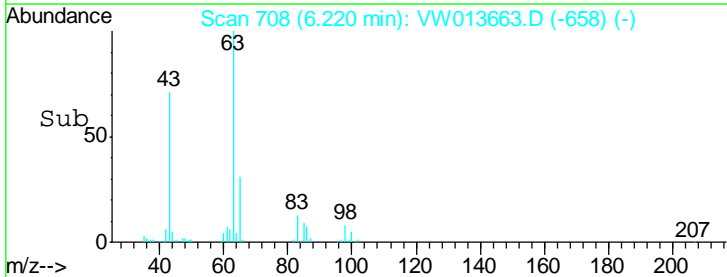
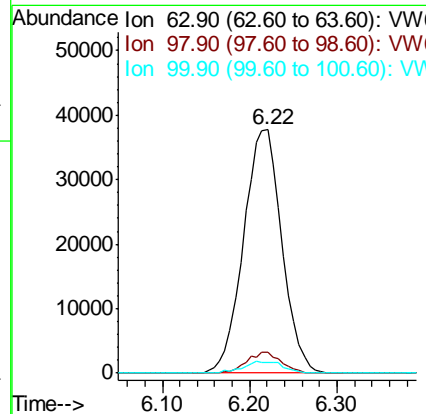
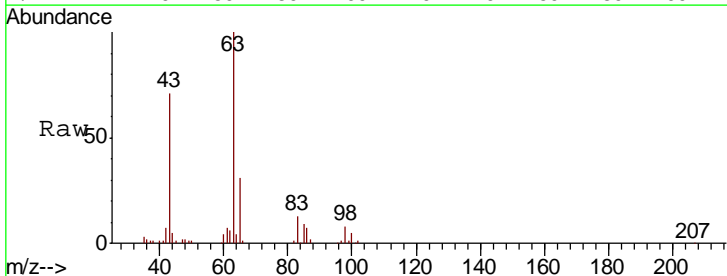
Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

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 MMDadoda  
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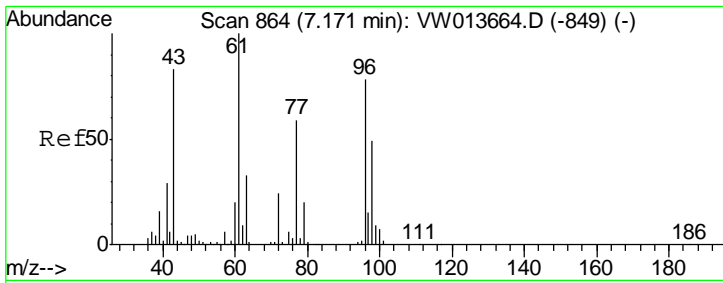


#24  
 1,1-Dichloroethane  
 Concen: 20.864 ug/l  
 RT: 6.22 min Scan# 708  
 Delta R.T. 0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 98      | 8.5   | 3.6   | 10.9  |
| 100     | 4.6   | 2.5   | 7.4   |







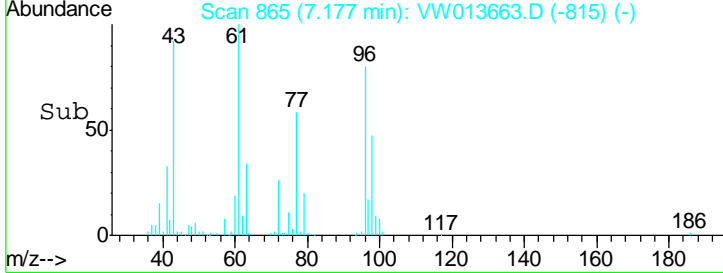
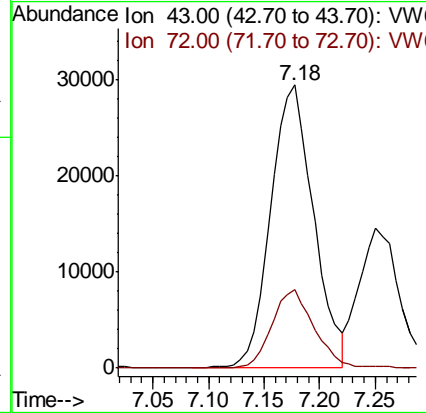
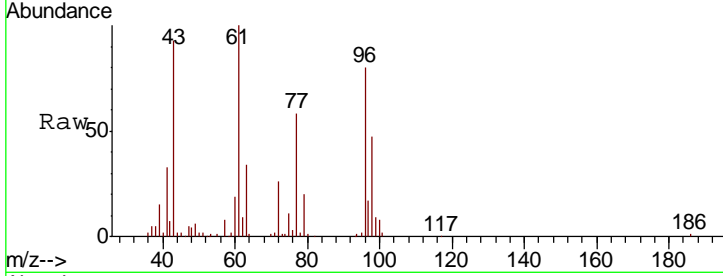
#25  
 2-Butanone  
 Concen: 85.370 ug/l  
 RT: 7.18 min Scan# 865  
 Delta R.T. 0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC020

Tgt Ion: 43 Resp: 79154  
 Ion Ratio Lower Upper  
 43 100  
 72 28.0 23.6 35.4

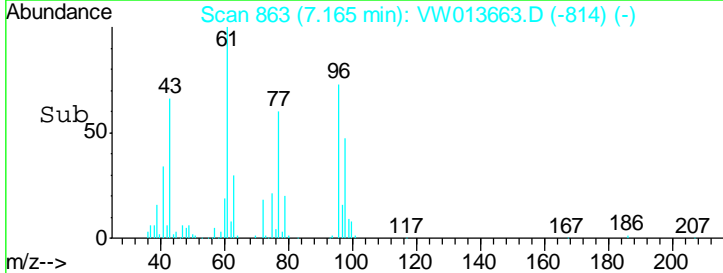
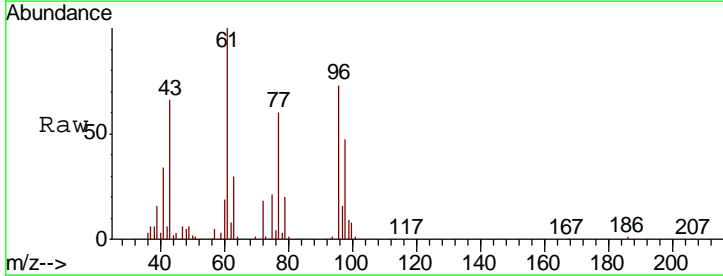
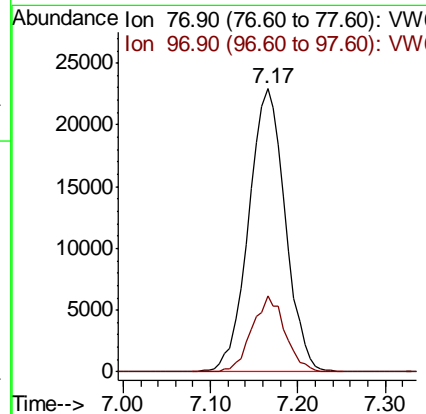
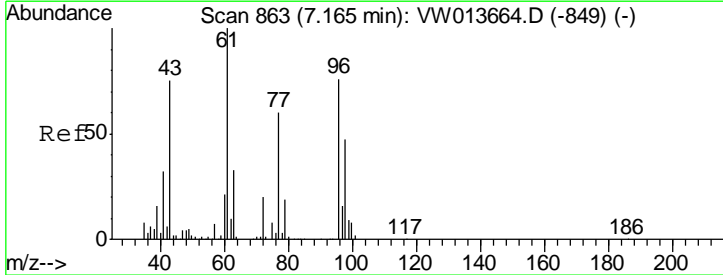
**Manual Integrations**  
**APPROVED**

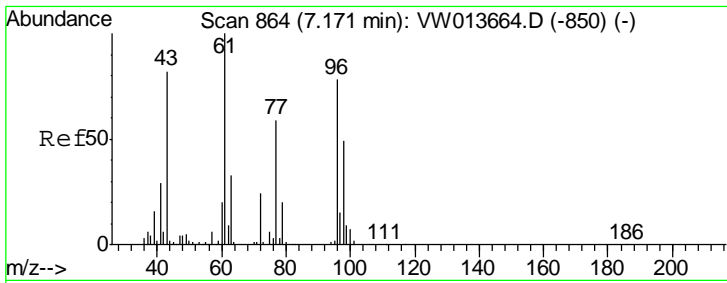
MMDadoda  
 10/24/2019 1:26:41 PM



#26  
 2,2-Dichloropropane  
 Concen: 19.204 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Tgt Ion: 77 Resp: 66484  
 Ion Ratio Lower Upper  
 77 100  
 97 24.3 12.8 38.4





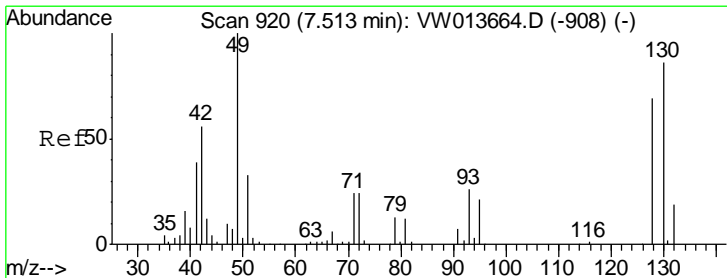
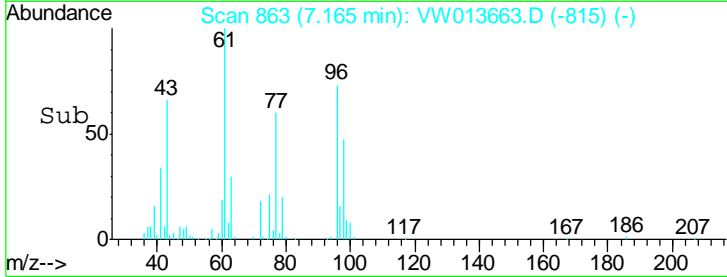
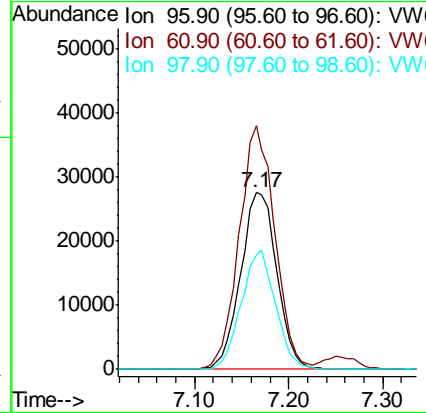
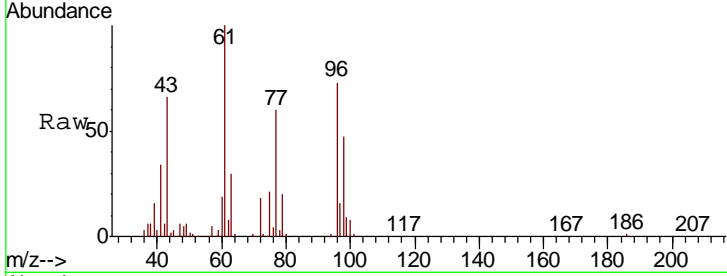
#27  
 cis-1,2-Dichloroethene  
 Concen: 21.098 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. -0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 74028 |       |       |
| 96      | 100   |       |       |
| 61      | 135.4 | 0.0   | 266.0 |
| 98      | 63.8  | 0.0   | 126.8 |

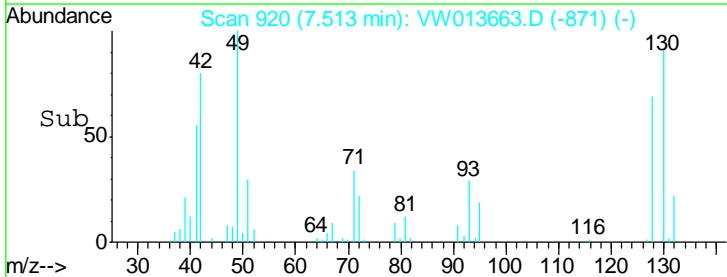
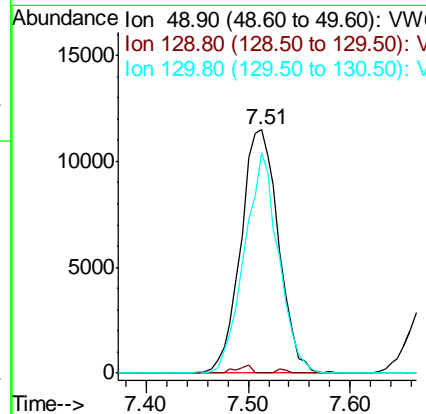
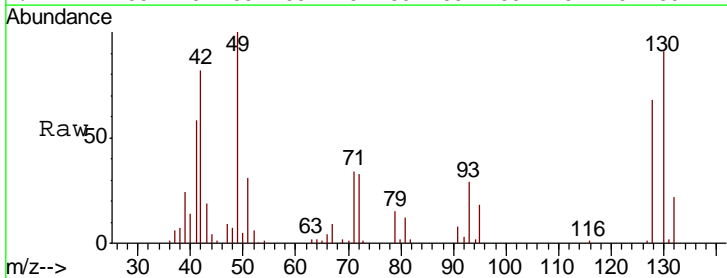
**Manual Integrations**  
**APPROVED**

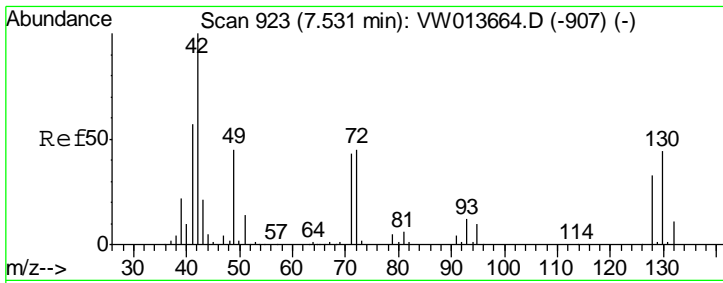
MMDadoda  
 10/24/2019 1:26:41 PM



#28  
 Bromochloromethane  
 Concen: 15.034 ug/l  
 RT: 7.51 min Scan# 920  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 29475 |       |       |
| 49      | 100   |       |       |
| 129     | 1.2   | 0.0   | 0.6#  |
| 130     | 82.4  | 67.5  | 101.3 |





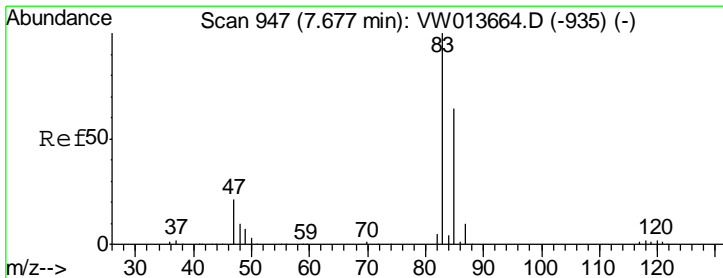
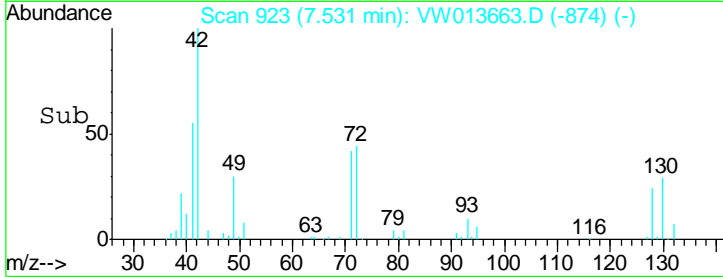
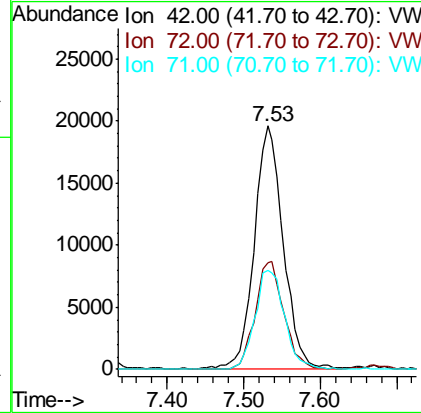
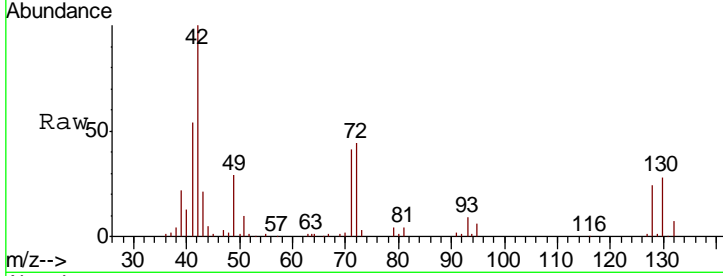
#29  
 Tetrahydrofuran  
 Concen: 91.867 ug/l  
 RT: 7.53 min Scan# 923  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 51999 |       |       |
| 72      | 43.6  | 35.3  | 52.9  |
| 71      | 41.2  | 33.3  | 49.9  |

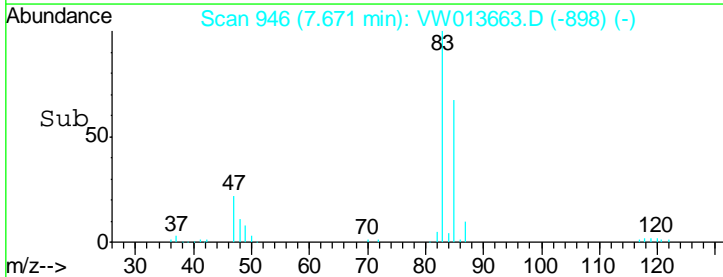
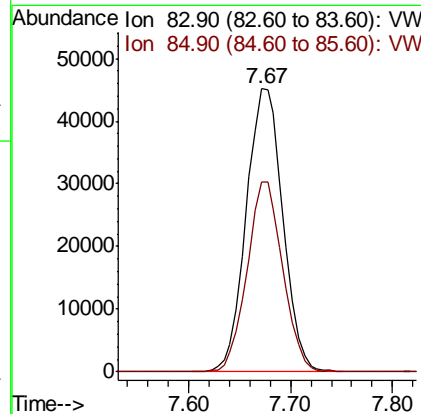
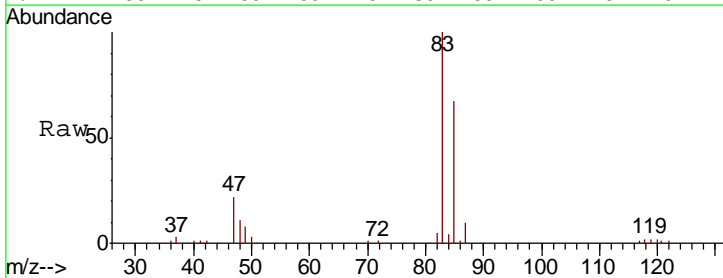
Manual Integrations  
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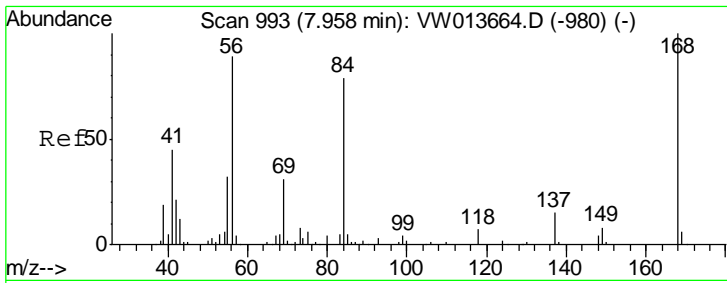
MMDadoda  
 10/24/2019 1:26:41 PM



#30  
 Chloroform  
 Concen: 21.258 ug/l  
 RT: 7.67 min Scan# 946  
 Delta R.T. -0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 83      | 112805 |       |       |
| 85      | 67.1   | 51.4  | 77.2  |





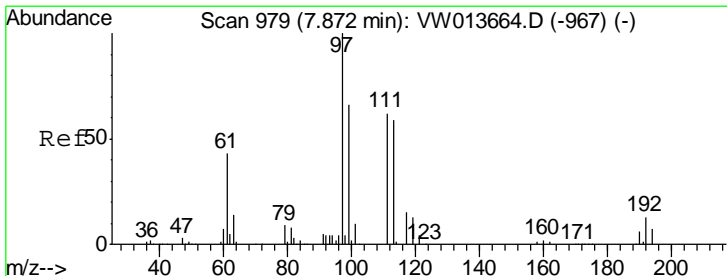
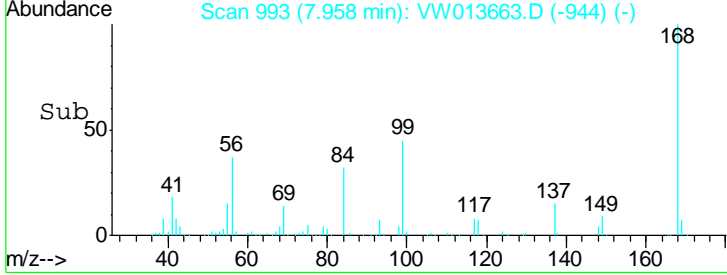
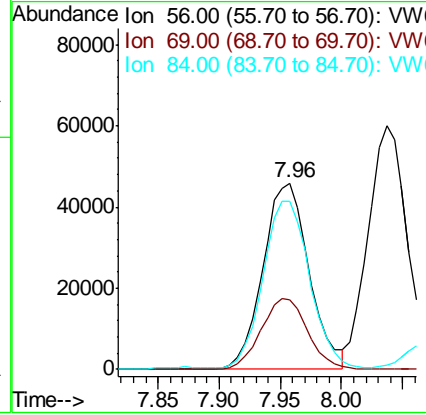
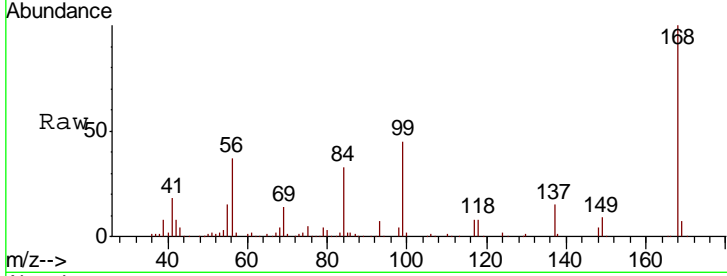
#31  
 Cyclohexane  
 Concen: 20.825 ug/l  
 RT: 7.96 min Scan# 993  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 Client Sampled : VSTDIC020

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 56      | 120558 |       |       |
| 69      | 37.0   | 27.5  | 41.3  |
| 84      | 89.0   | 70.8  | 106.2 |

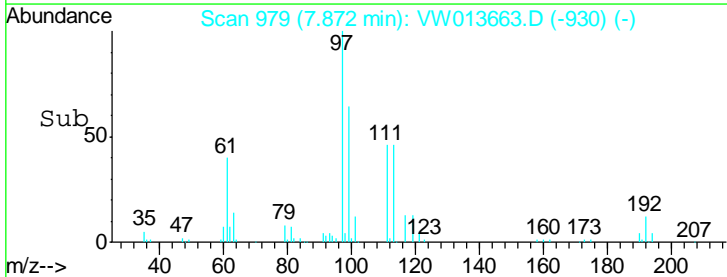
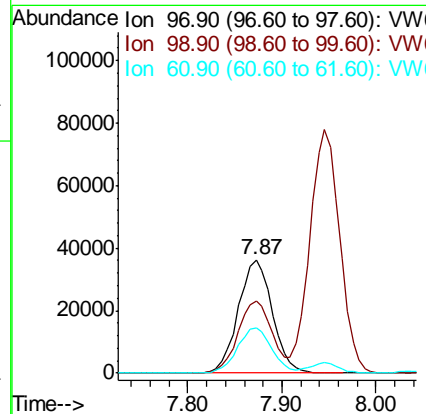
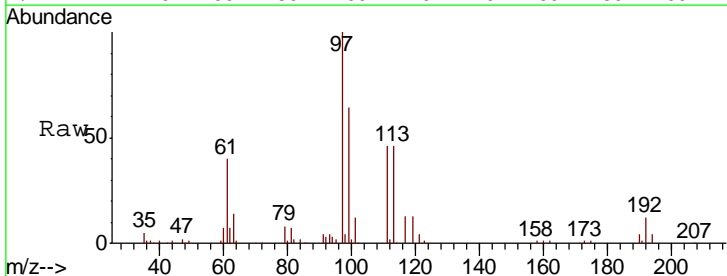
Manual Integrations  
 APPROVED

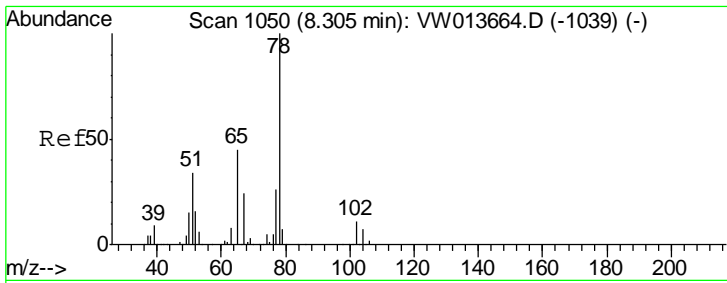
MMDadoda  
 10/24/2019 1:26:41 PM



#32  
 1,1,1-Trichloroethane  
 Concen: 21.236 ug/l  
 RT: 7.87 min Scan# 979  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 91165 |       |       |
| 99      | 63.2  | 52.0  | 78.0  |
| 61      | 40.4  | 33.8  | 50.6  |



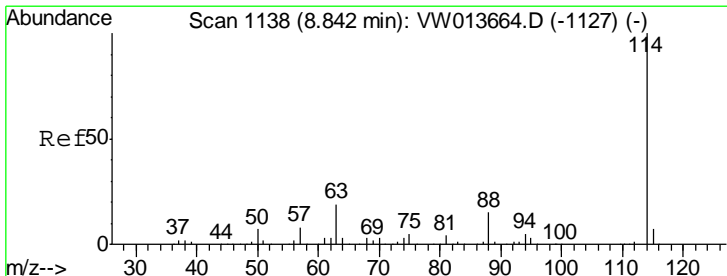
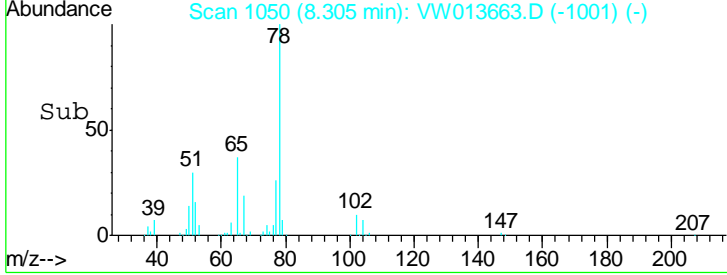
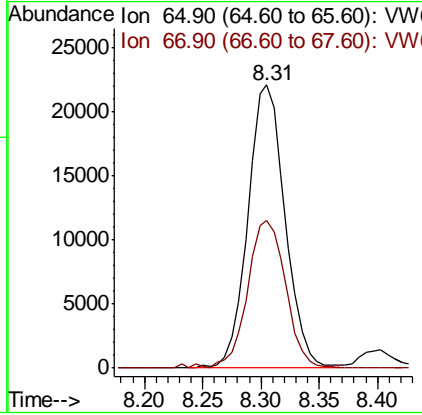
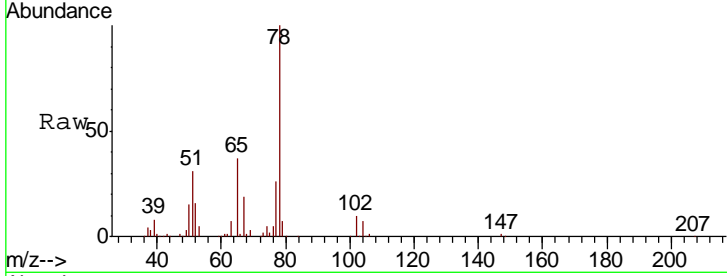


#33  
 1,2-Dichloroethane-d4  
 Concen: 17.669 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC020

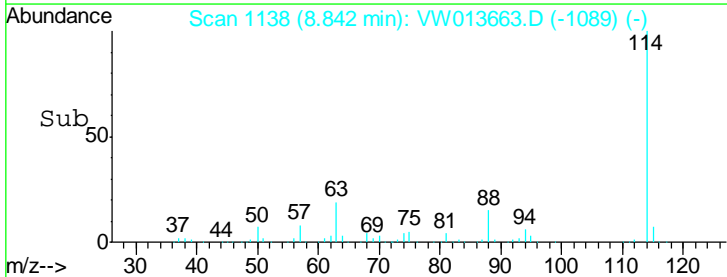
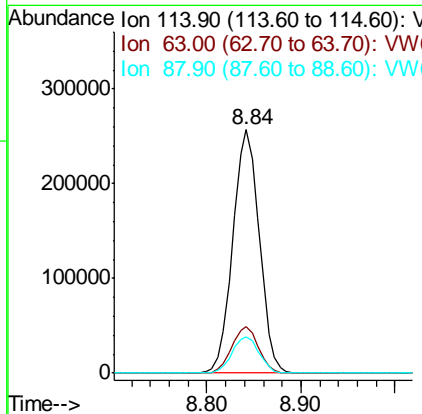
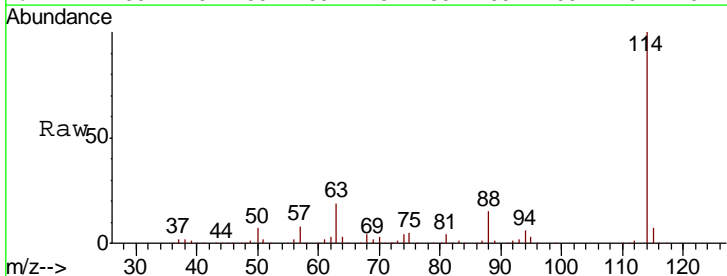
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 49084 |       |       |
| 65      | 100   |       |       |
| 67      | 53.4  | 0.0   | 109.4 |

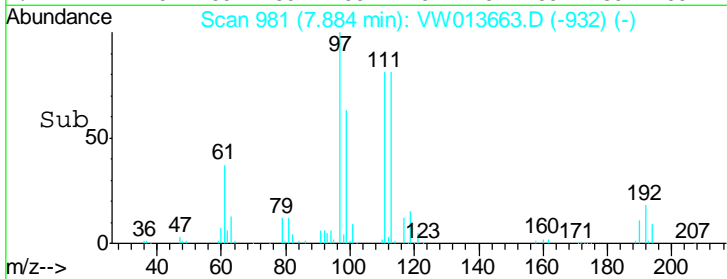
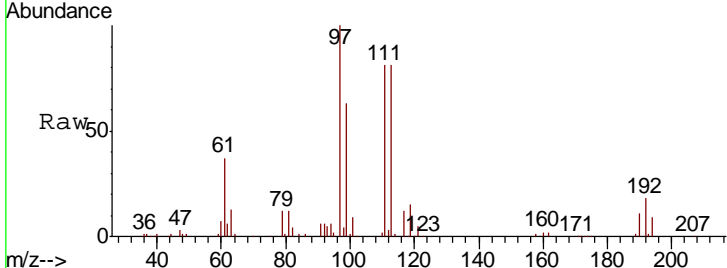
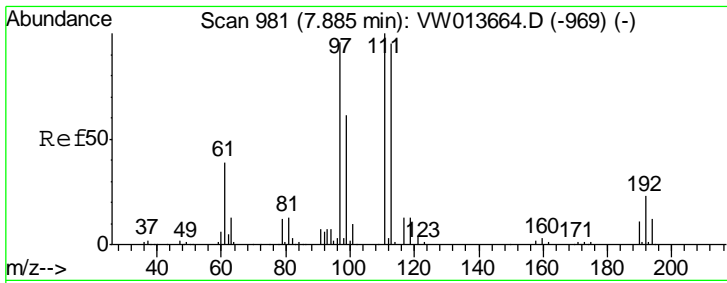
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/24/2019 1:26:41 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 114     | 502472 |       |       |
| 114     | 100    |       |       |
| 63      | 19.1   | 0.0   | 37.6  |
| 88      | 15.1   | 0.0   | 30.2  |



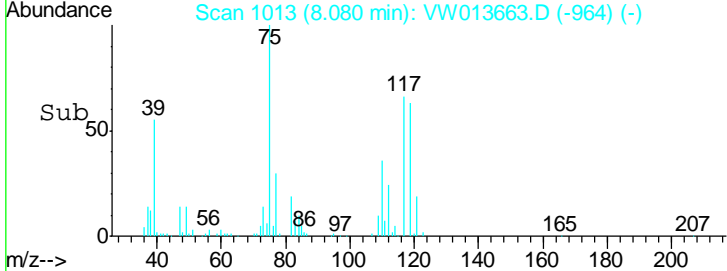
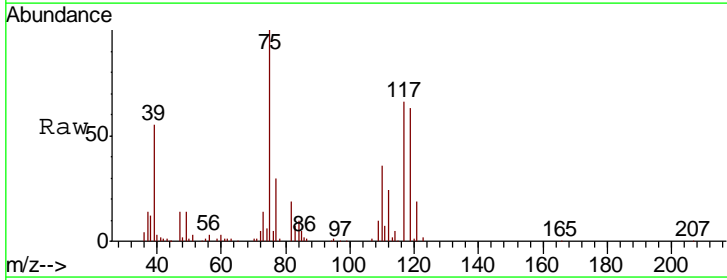
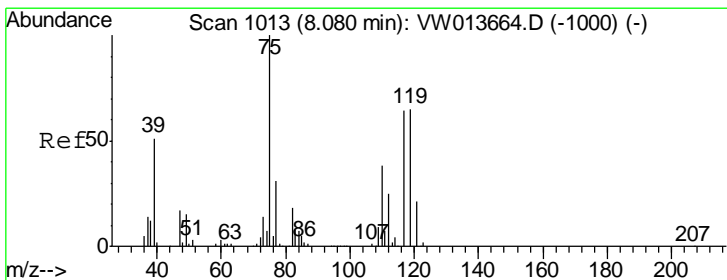
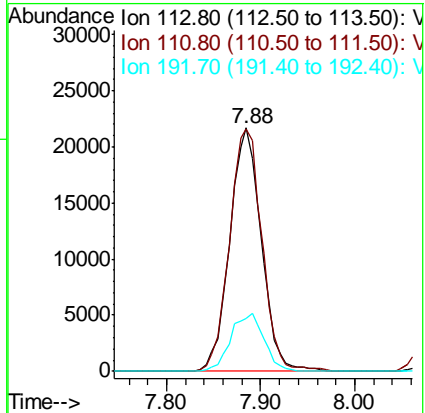


#35  
 Dibromofluoromethane  
 Concen: 17.806 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 50535 |       |       |
| 113     | 100   |       |       |
| 111     | 102.4 | 83.0  | 124.6 |
| 192     | 24.9  | 19.4  | 29.2  |

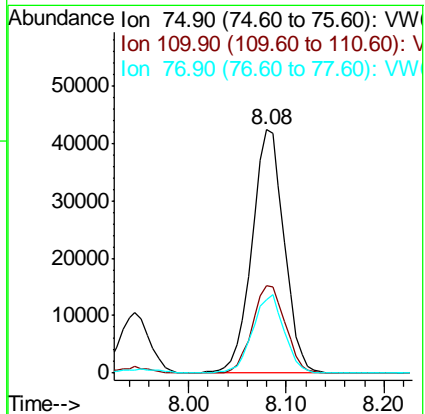
Instrument : MSVOA\_W  
 ClientSampleID : VSTDIC020

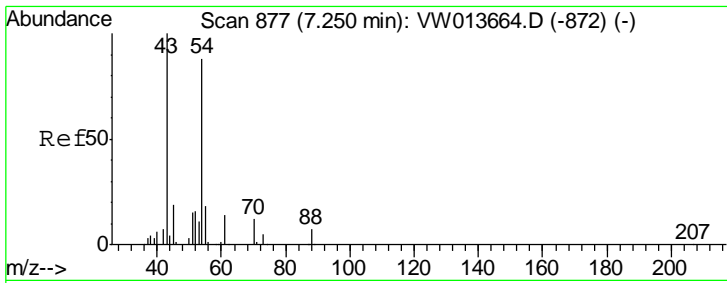
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/24/2019 1:26:41 PM



#36  
 1,1-Dichloropropene  
 Concen: 21.226 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 97004 |       |       |
| 75      | 100   |       |       |
| 110     | 36.6  | 18.7  | 56.1  |
| 77      | 31.5  | 25.4  | 38.0  |



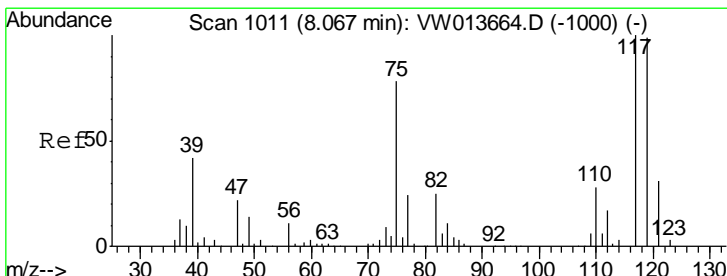
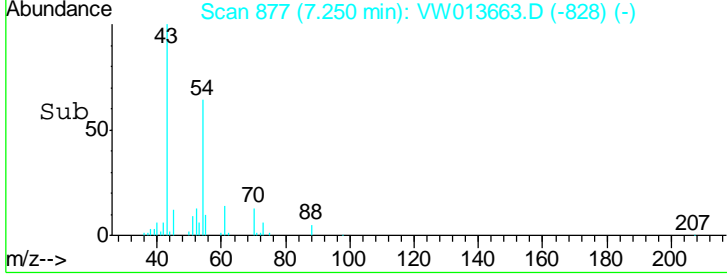
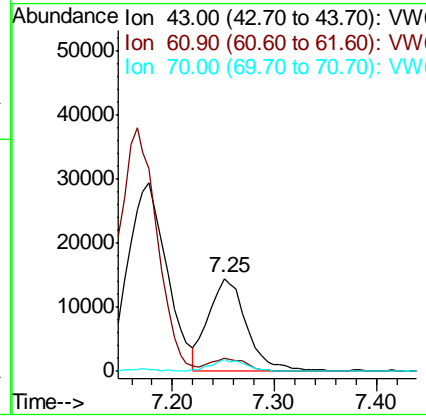
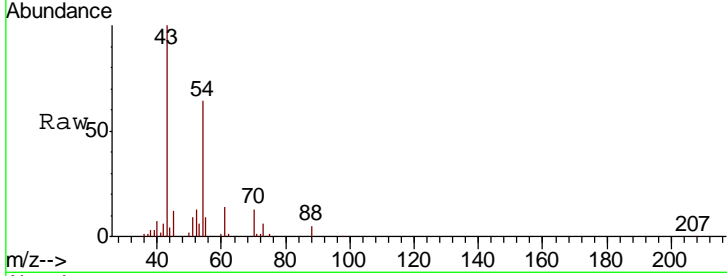


#37  
Ethyl Acetate  
Concen: 18.431 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: VW013663.D  
Acq: 23 Oct 2019 12:16

**Instrument :**  
MSVOA\_W  
**ClientSampled :**  
VSTDIC020

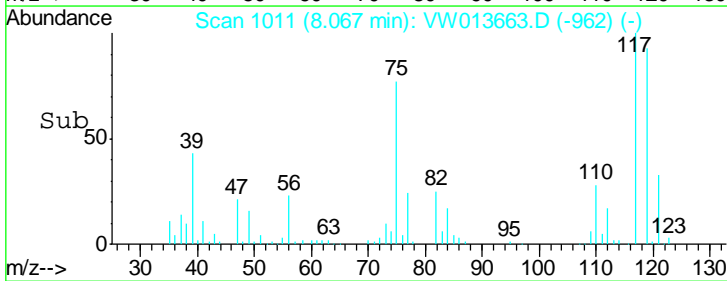
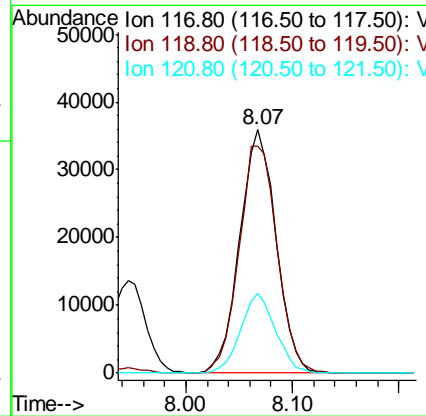
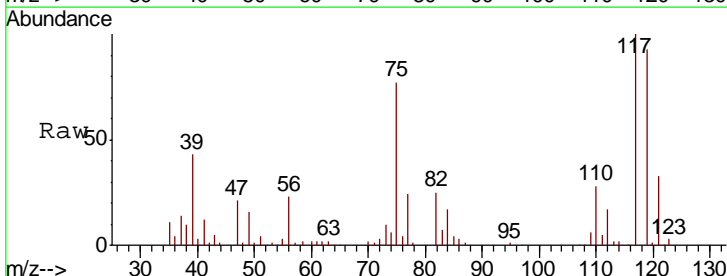
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 61      | 13.9 | 11.7  | 17.5  |
| 70      | 11.5 | 8.8   | 13.2  |

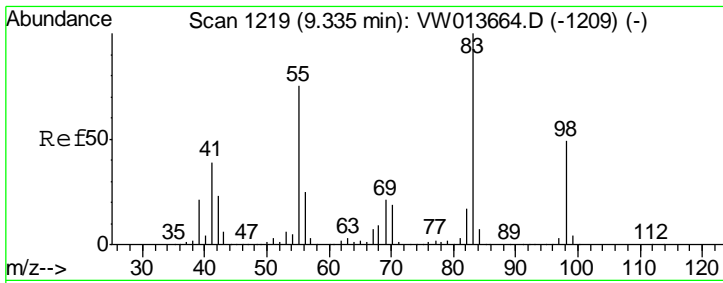
**Manual Integrations**  
**APPROVED**  
MMDadoda  
10/24/2019 1:26:41 PM



#38  
Carbon Tetrachloride  
Concen: 21.369 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VW013663.D  
Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 117     | 100  |       |       |
| 119     | 93.2 | 79.0  | 118.4 |
| 121     | 32.8 | 24.5  | 36.7  |





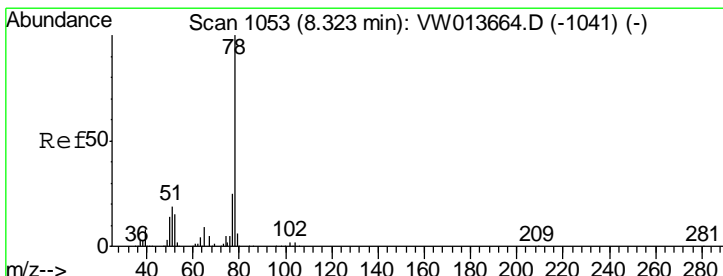
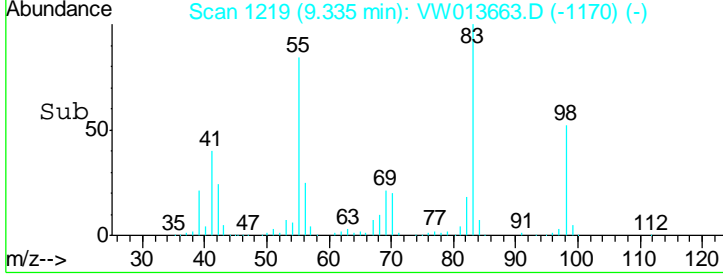
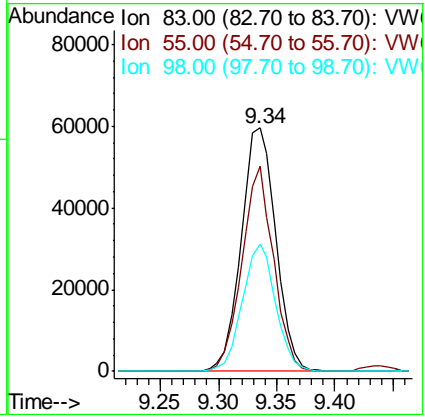
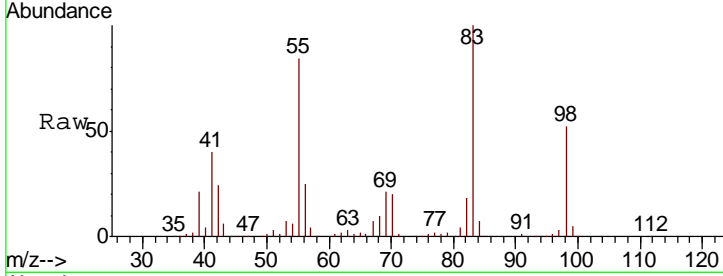
#39  
 Methylcyclohexane  
 Concen: 20.910 ug/l  
 RT: 9.34 min Scan# 1219  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC020

Tgt Ion: 83 Resp: 123885

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 84.0  | 59.9  | 89.9  |
| 98  | 52.3  | 39.4  | 59.2  |

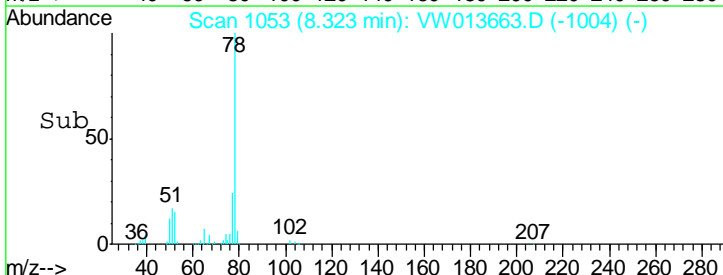
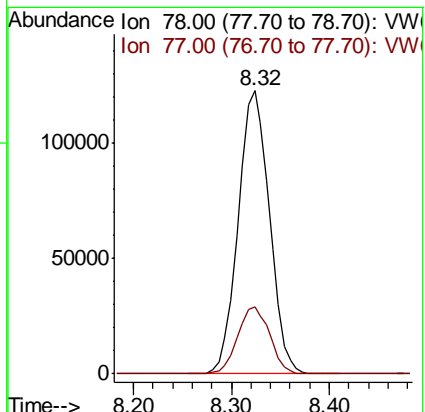
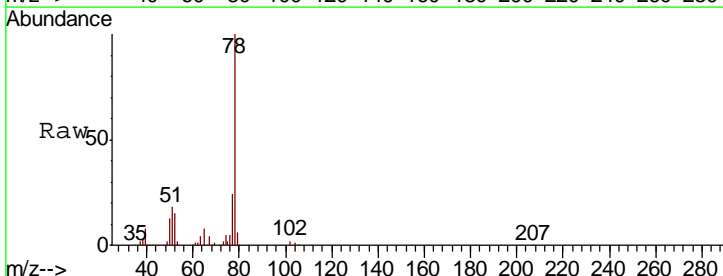
Manual Integrations  
**APPROVED**  
 MMDadoda  
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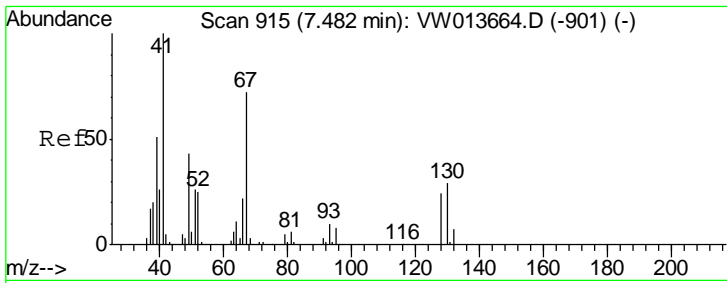
#40  
 Benzene  
 Concen: 21.231 ug/l  
 RT: 8.32 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Tgt Ion: 78 Resp: 271443

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.7  | 19.6  | 29.4  |







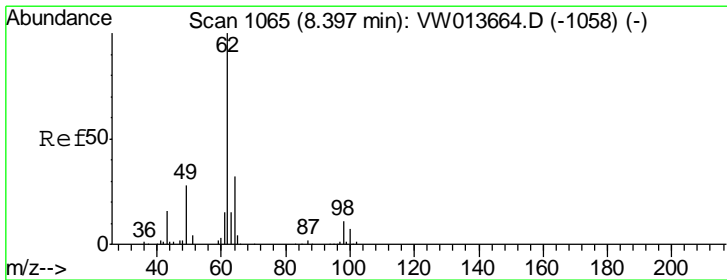
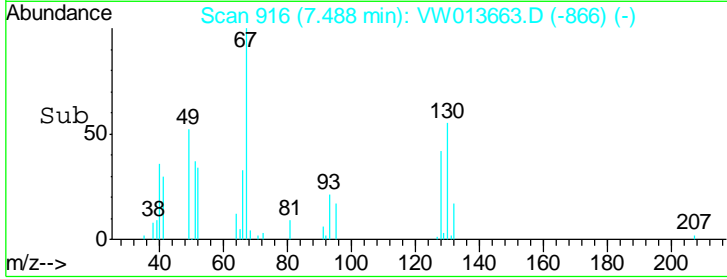
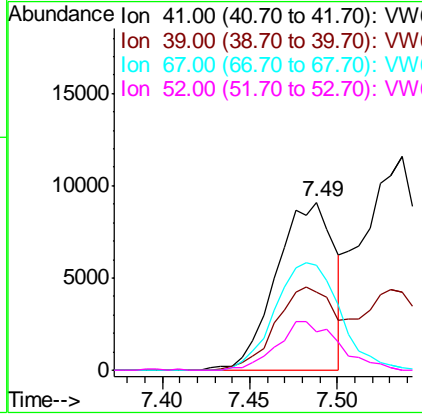
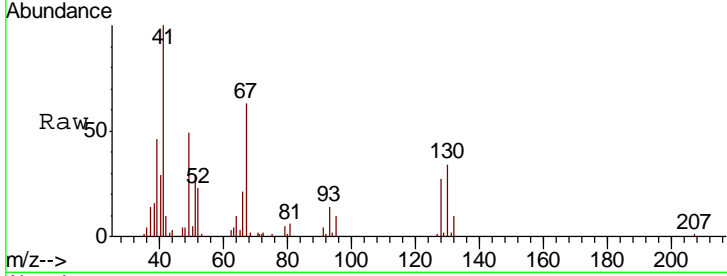
#41  
 Methacrylonitrile  
 Concen: 18.181 ug/l  
 RT: 7.49 min Scan# 916  
 Delta R.T. 0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 41      | 100  |       |       |
| 39      | 58.7 | 44.8  | 67.2  |
| 67      | 72.0 | 59.3  | 88.9  |
| 52      | 30.8 | 23.4  | 35.0  |

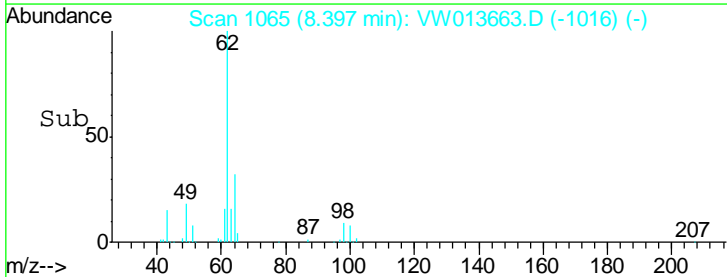
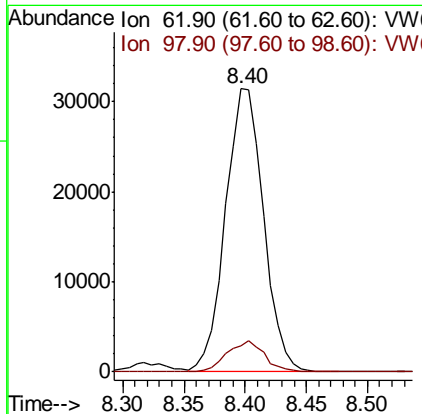
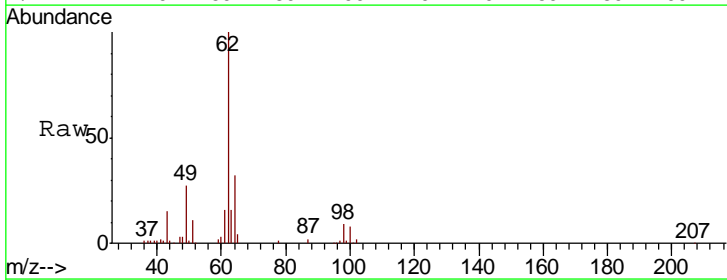
Manual Integrations  
 APPROVED

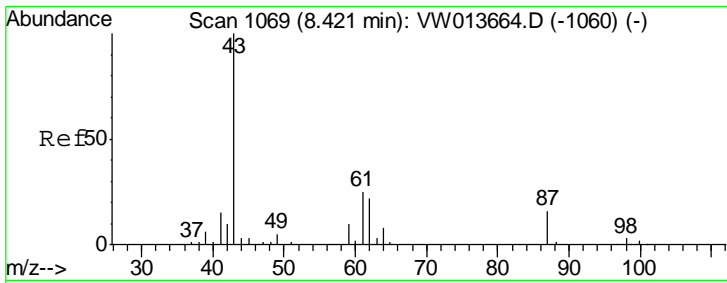
MMDadoda  
 10/24/2019 1:26:41 PM



#42  
 1,2-Dichloroethane  
 Concen: 20.960 ug/l  
 RT: 8.40 min Scan# 1065  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 62      | 100  |       |       |
| 98      | 10.8 | 0.0   | 22.4  |





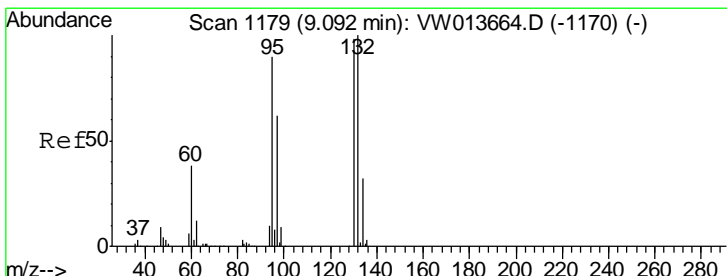
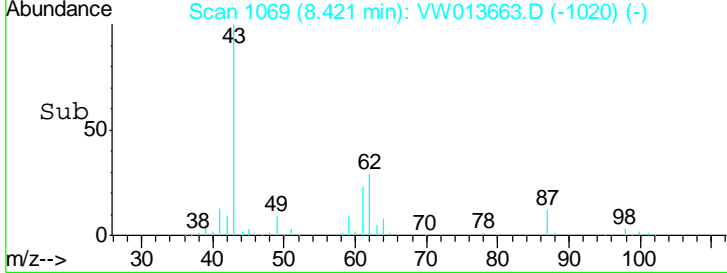
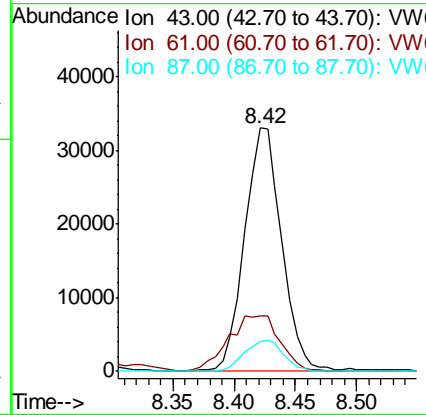
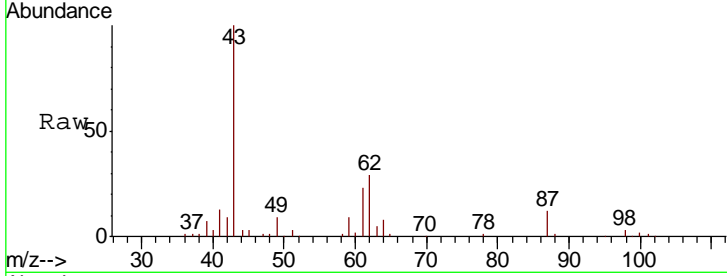
#43  
 Isopropyl Acetate  
 Concen: 18.869 ug/l  
 RT: 8.42 min Scan# 1069  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 61      | 32.0 | 26.1  | 39.1  |
| 87      | 13.6 | 11.4  | 17.0  |

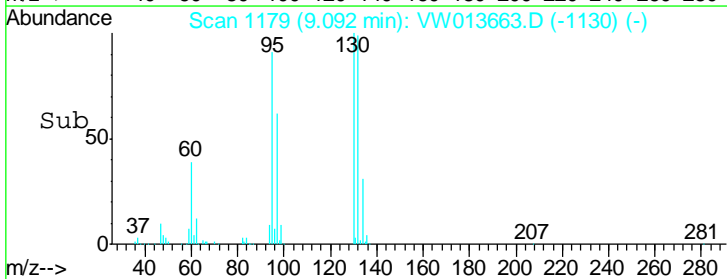
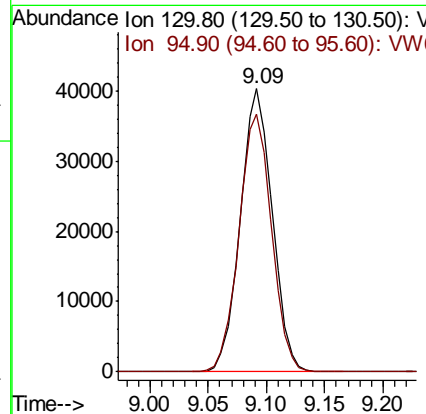
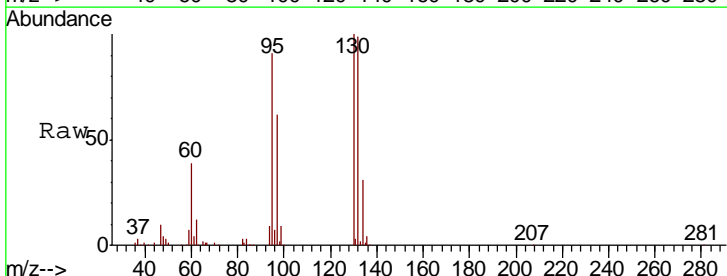
**Manual Integrations**  
**APPROVED**

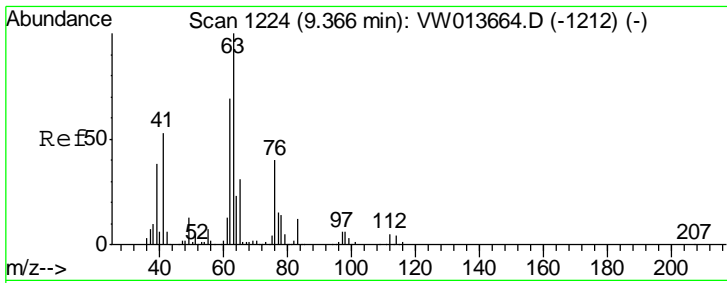
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 10/24/2019 1:26:41 PM



#44  
 Trichloroethene  
 Concen: 21.160 ug/l  
 RT: 9.09 min Scan# 1179  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 130     | 100  |       |       |
| 95      | 91.0 | 0.0   | 184.6 |





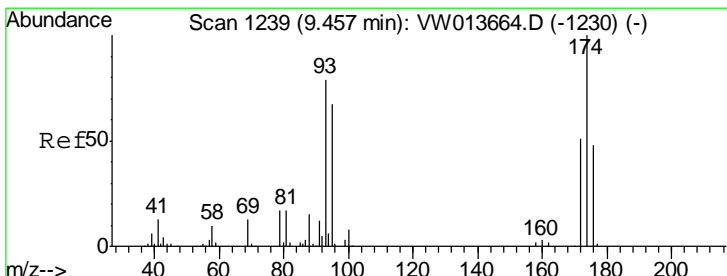
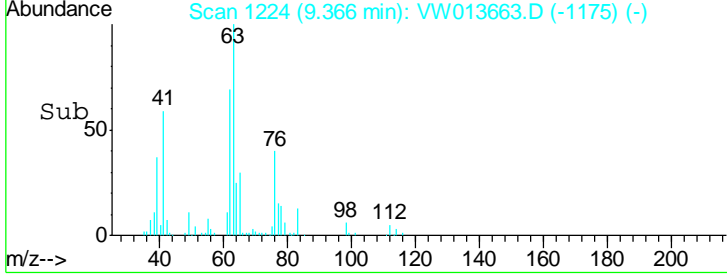
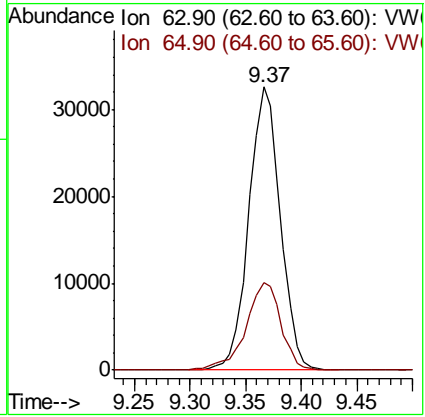
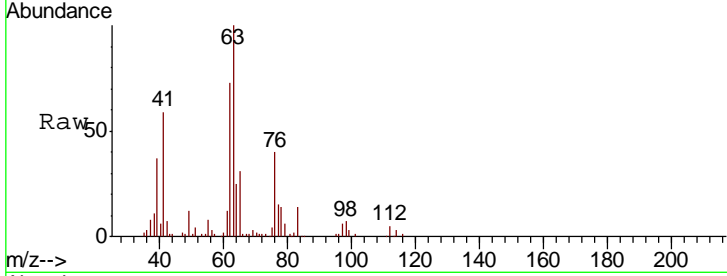
#45  
 1,2-Dichloropropane  
 Concen: 20.925 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

Tgt Ion: 63 Resp: 64286

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 30.7  | 25.2  | 37.8  |

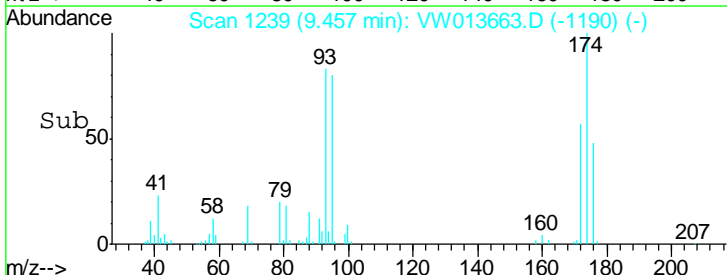
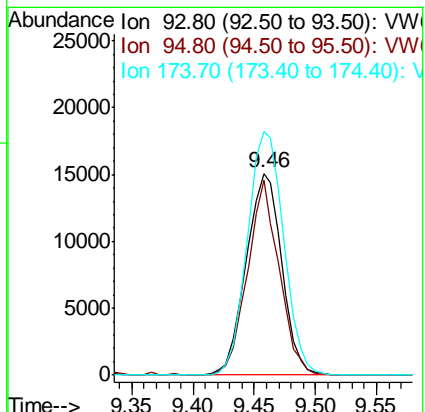
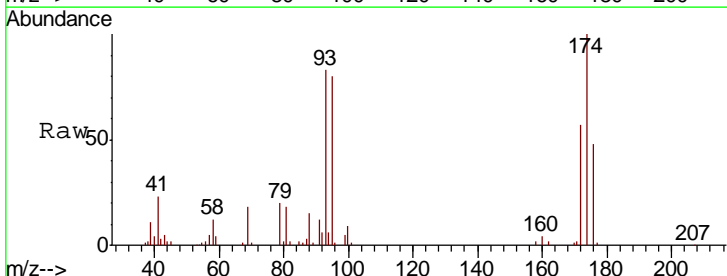
Manual Integrations APPROVED  
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 10/24/2019 1:26:41 PM

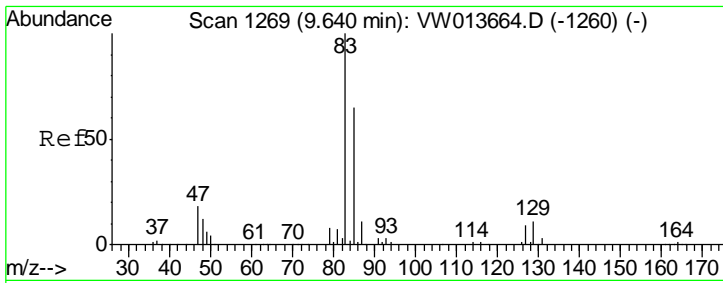


#46  
 Dibromomethane  
 Concen: 20.012 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Tgt Ion: 93 Resp: 30528

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 86.2  | 66.5  | 99.7  |
| 174 | 123.6 | 99.6  | 149.4 |





#47

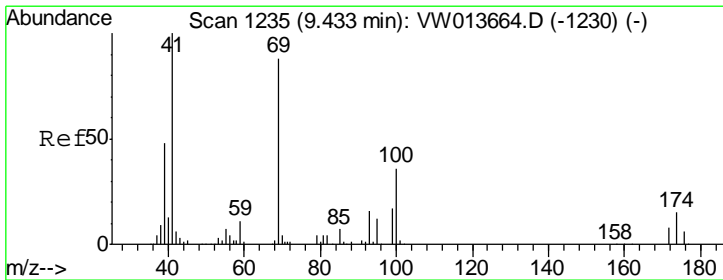
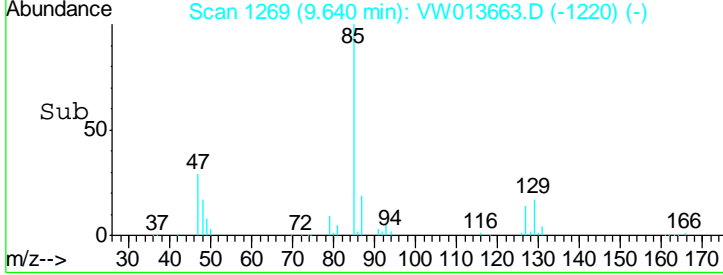
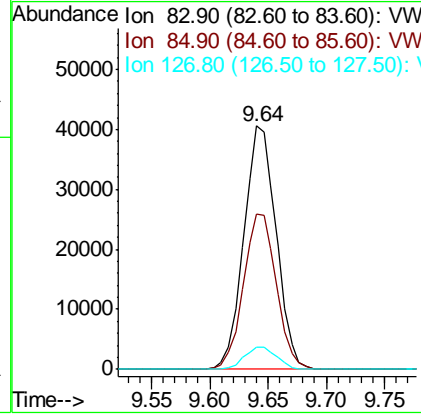
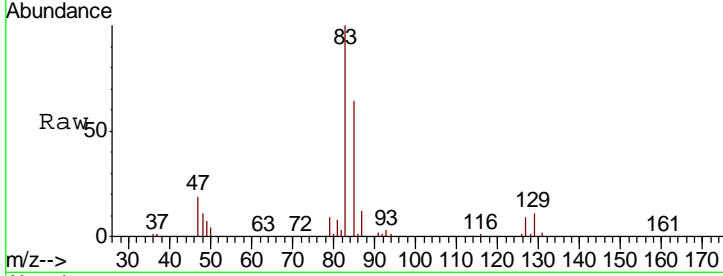
Bromodichloromethane  
 Concen: 20.594 ug/l  
 RT: 9.64 min Scan# 1269  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 83      | 100  |       |       |
| 85      | 63.6 | 51.8  | 77.6  |
| 127     | 8.9  | 7.3   | 10.9  |

Manual Integrations  
 APPROVED

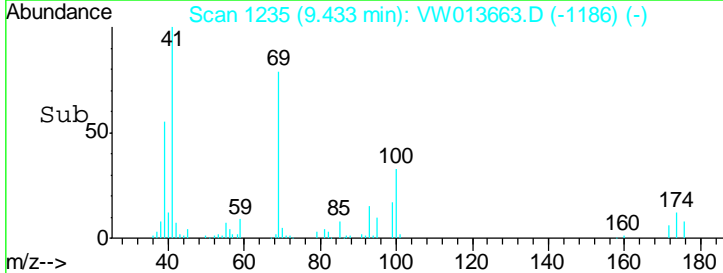
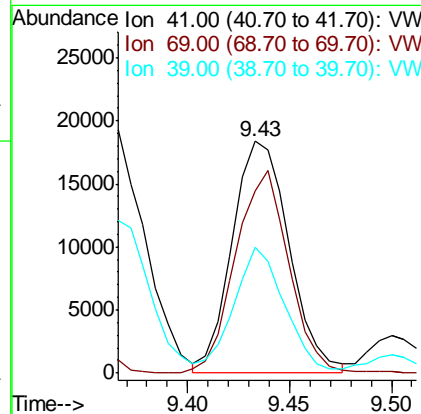
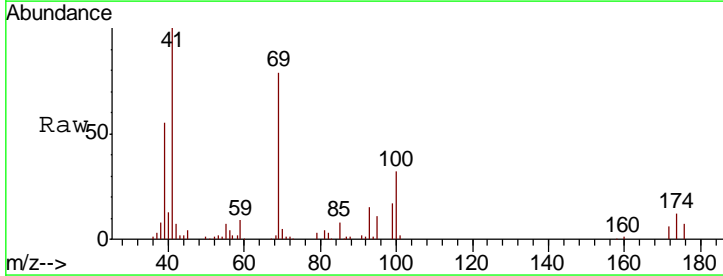
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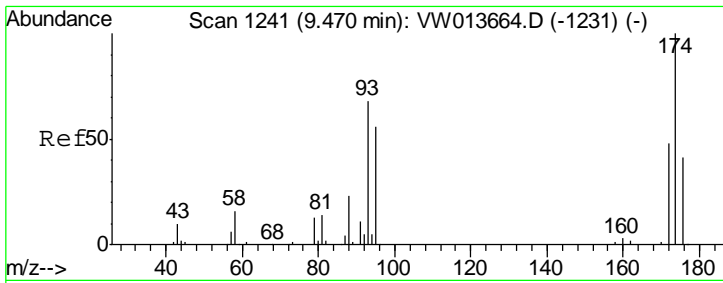


#48

Methyl methacrylate  
 Concen: 19.434 ug/l  
 RT: 9.43 min Scan# 1235  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 41      | 100  |       |       |
| 69      | 82.4 | 67.6  | 101.4 |
| 39      | 45.5 | 38.6  | 58.0  |





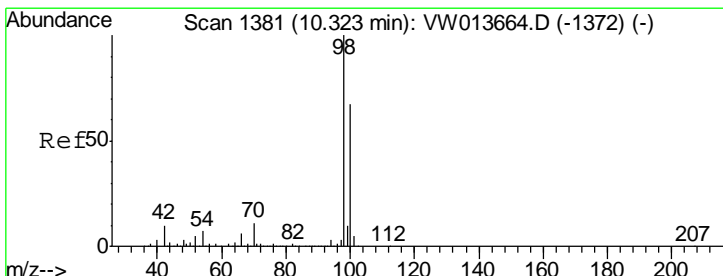
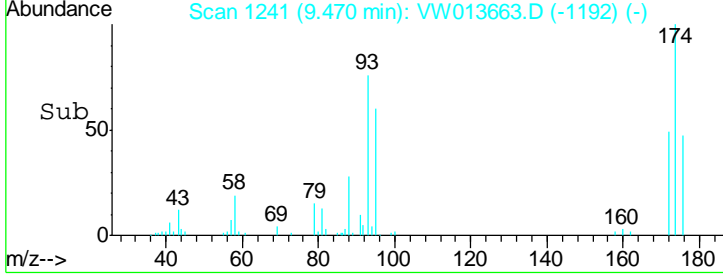
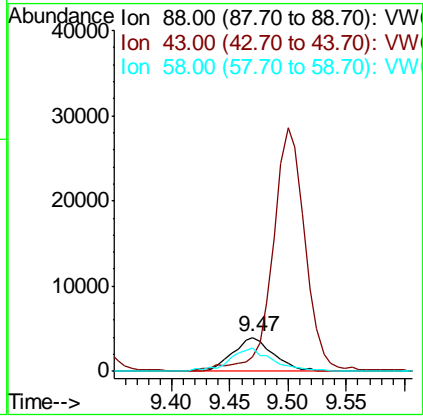
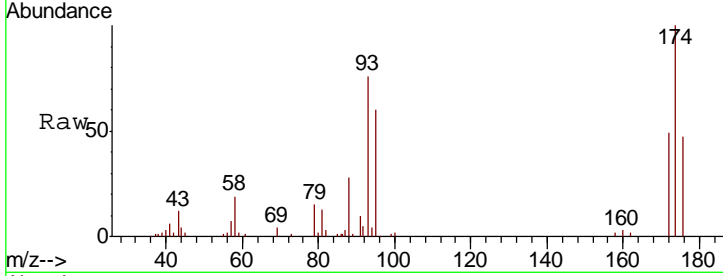
#49  
 1,4-Dioxane  
 Concen: 374.234 ug/l  
 RT: 9.47 min Scan# 1241  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 88      | 9716 |       |       |
| 88      | 100  |       |       |
| 43      | 0.0  | 0.0   | 0.0   |
| 58      | 72.3 | 58.9  | 88.3  |

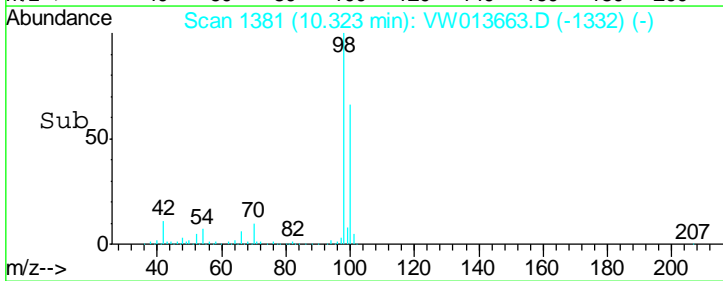
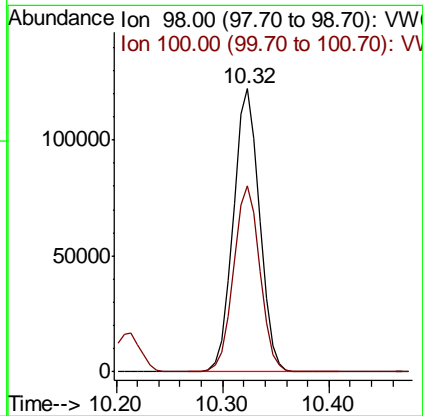
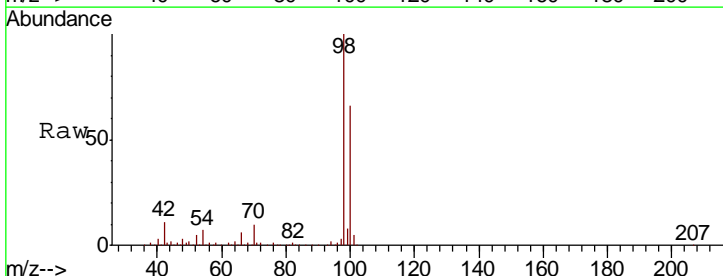
Manual Integrations  
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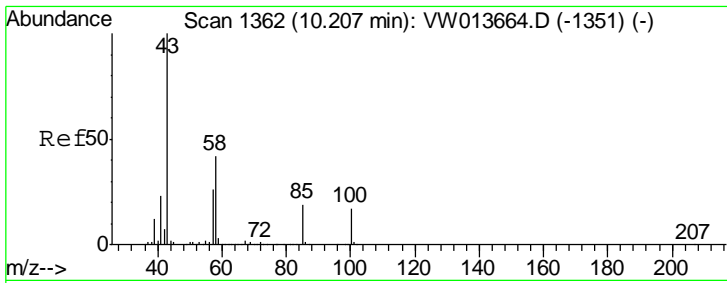
MMDadoda  
 10/24/2019 1:26:41 PM



#50  
 Toluene-d8  
 Concen: 17.758 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 98      | 211295 |       |       |
| 98      | 100    |       |       |
| 100     | 66.1   | 53.4  | 80.0  |



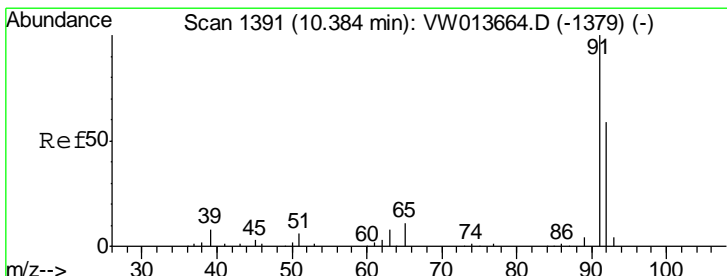
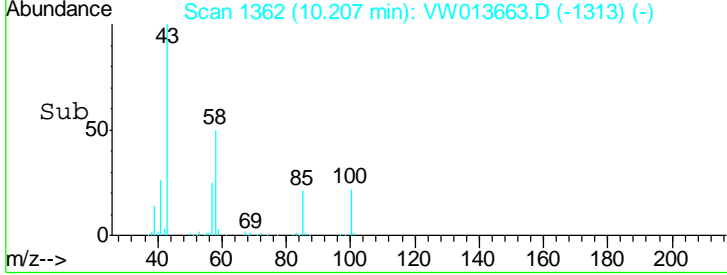
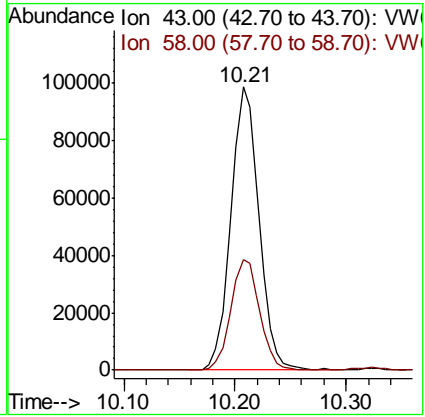
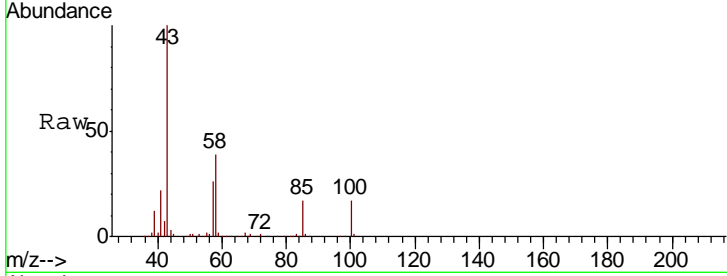


#51  
 4-Methyl-2-Pentanone  
 Concen: 89.514 ug/l  
 RT: 10.21 min Scan# 1362  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

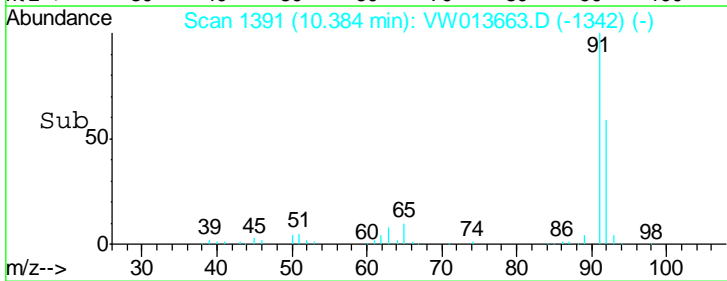
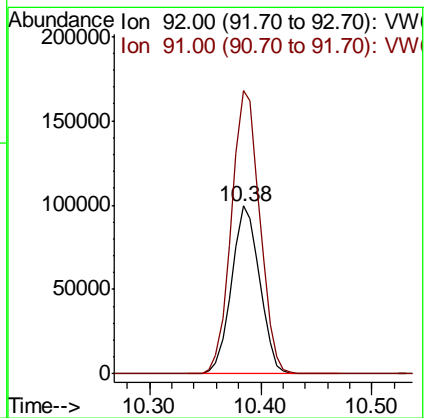
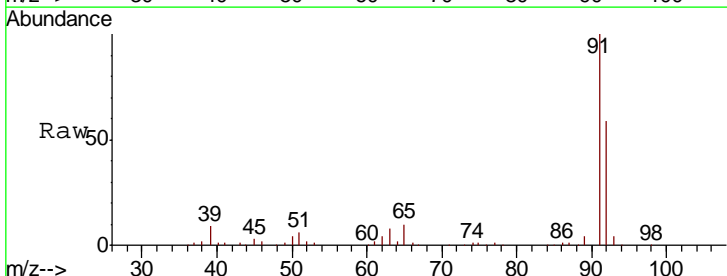
Tgt Ion: 43 Resp: 172199  
 Ion Ratio Lower Upper  
 43 100  
 58 39.9 32.6 49.0

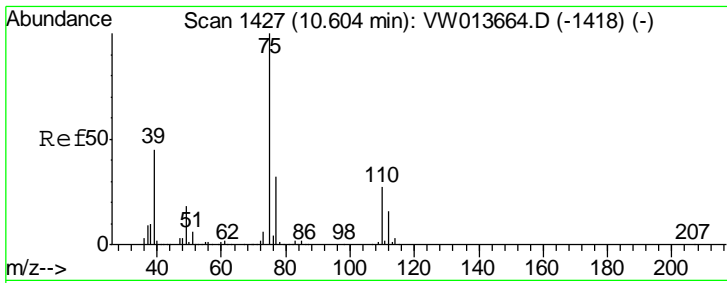
Manual Integrations APPROVED  
 MMDadoda  
 10/24/2019 1:26:41 PM



#52  
 Toluene  
 Concen: 21.078 ug/l  
 RT: 10.38 min Scan# 1391  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Tgt Ion: 92 Resp: 173670  
 Ion Ratio Lower Upper  
 92 100  
 91 170.2 134.5 201.7





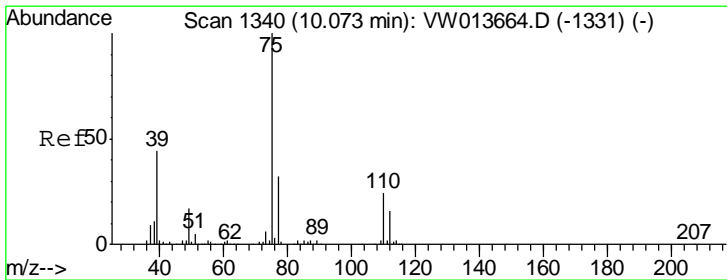
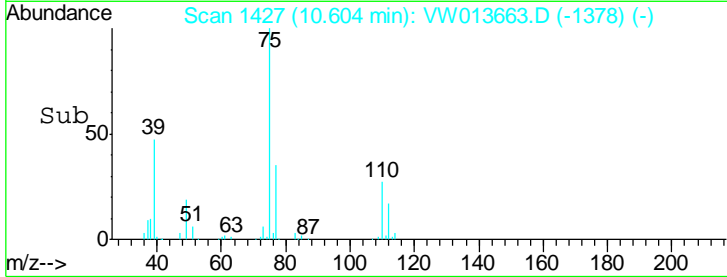
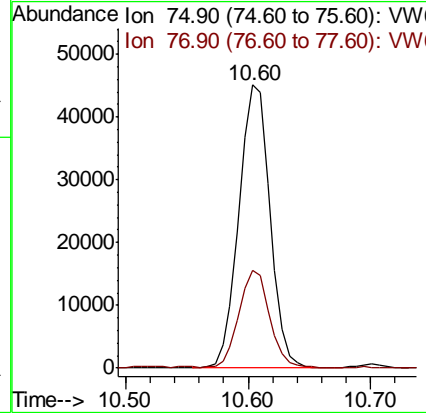
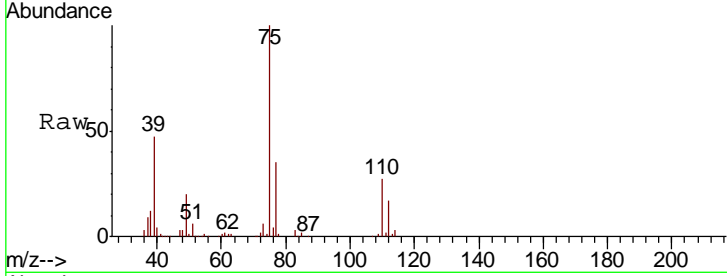
#53  
 t-1,3-Dichloropropene  
 Concen: 20.090 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 75      | 100  |       |       |
| 77      | 34.7 | 25.5  | 38.3  |

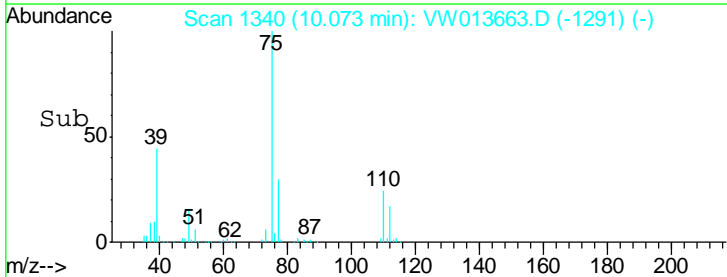
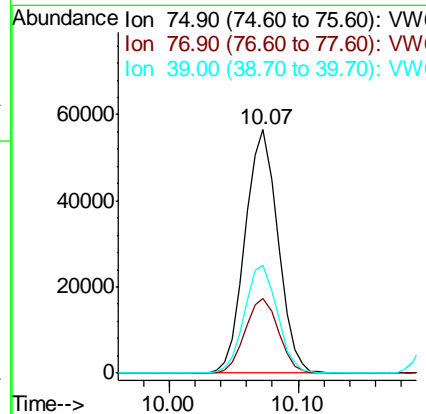
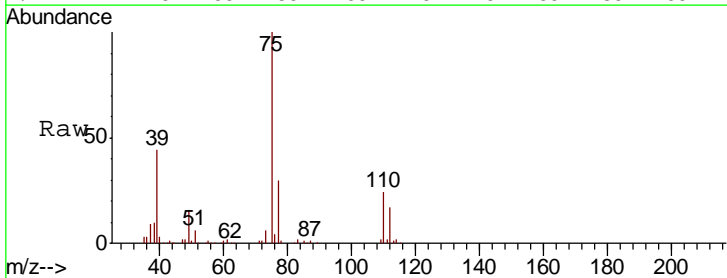
Manual Integrations  
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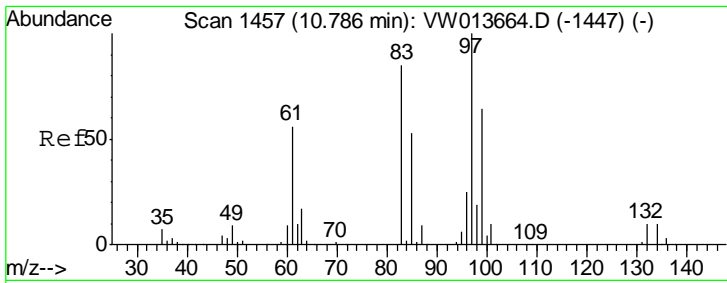
MMDadoda  
 10/24/2019 1:26:41 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.734 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 75      | 100  |       |       |
| 77      | 30.5 | 25.8  | 38.6  |
| 39      | 44.1 | 35.3  | 52.9  |





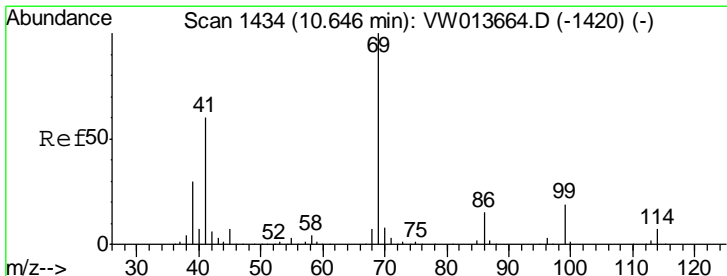
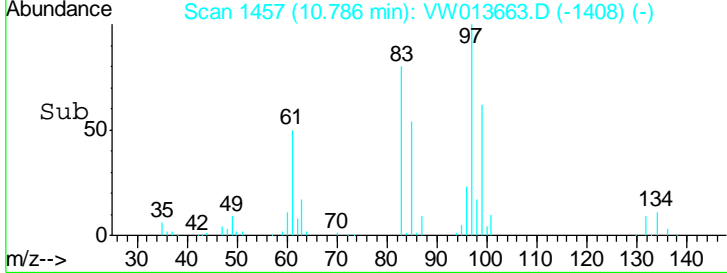
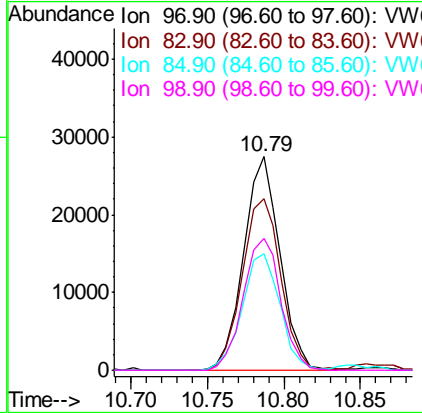
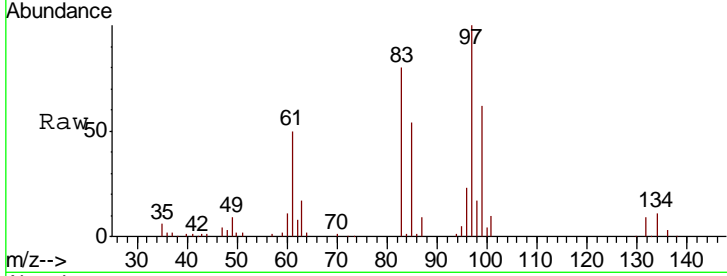
#55  
 1,1,2-Trichloroethane  
 Concen: 19.872 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 45370 |       |       |
| 97      | 100   |       |       |
| 83      | 80.3  | 67.8  | 101.8 |
| 85      | 54.3  | 42.1  | 63.1  |
| 99      | 61.8  | 51.4  | 77.0  |

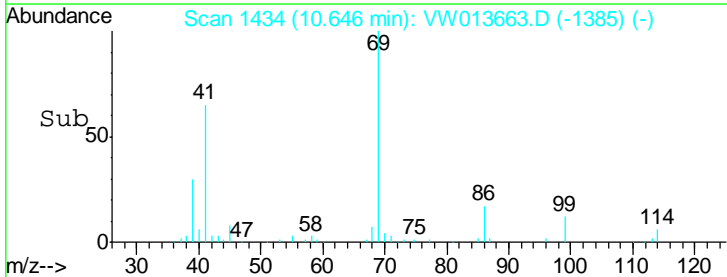
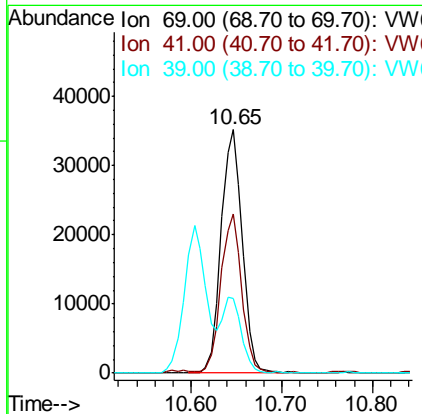
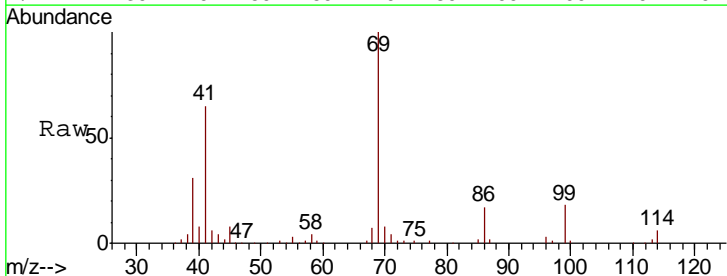
Manual Integrations  
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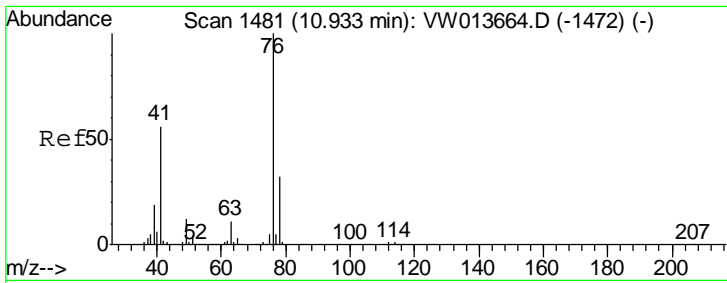


#56  
 Ethyl methacrylate  
 Concen: 19.108 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 58016 |       |       |
| 69      | 100   |       |       |
| 41      | 63.2  | 51.6  | 77.4  |
| 39      | 28.5  | 22.4  | 33.6  |







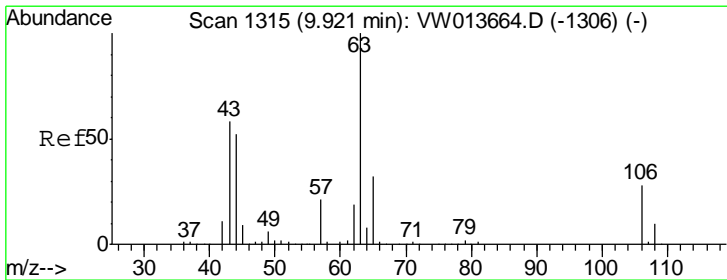
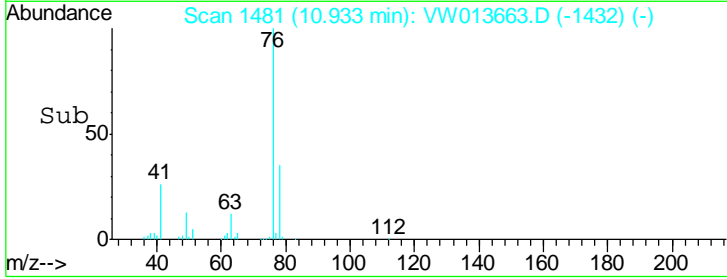
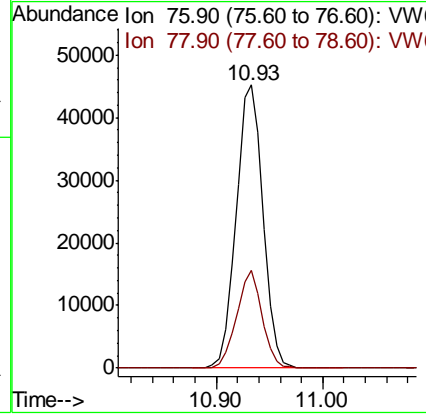
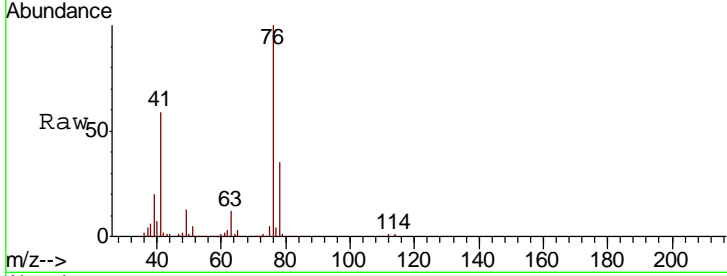
#57  
 1,3-Dichloropropane  
 Concen: 20.274 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 76      | 100  |       |       |
| 78      | 32.8 | 26.0  | 39.0  |

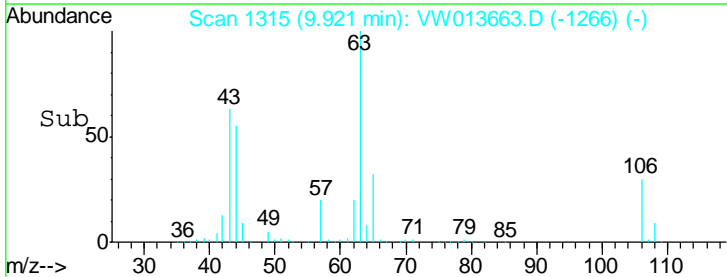
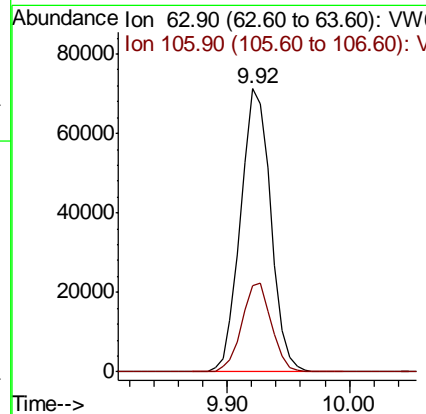
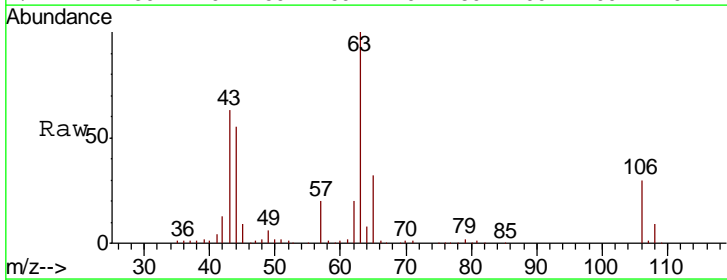
Manual Integrations  
 APPROVED

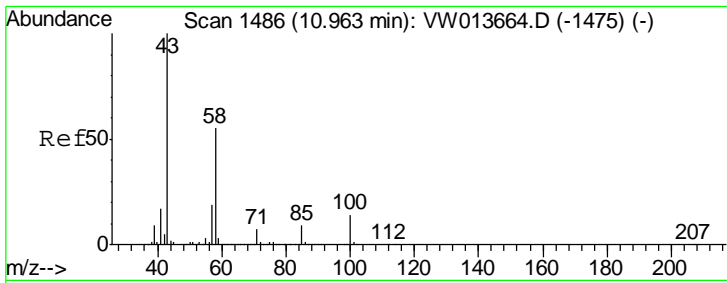
MMDadoda  
 10/24/2019 1:26:41 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 85.344 ug/l  
 RT: 9.92 min Scan# 1315  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 63      | 100  |       |       |
| 106     | 30.8 | 23.8  | 35.8  |



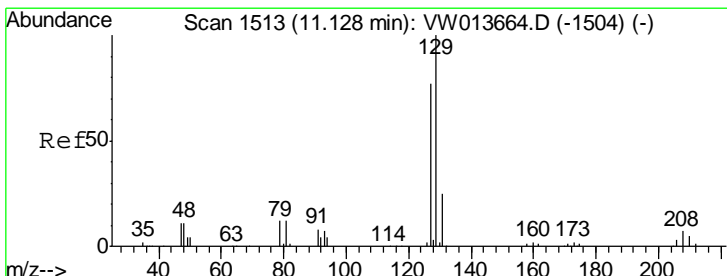
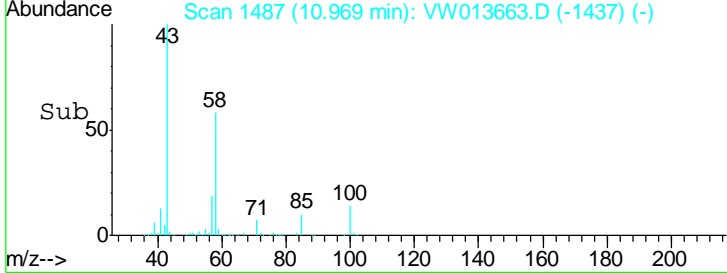
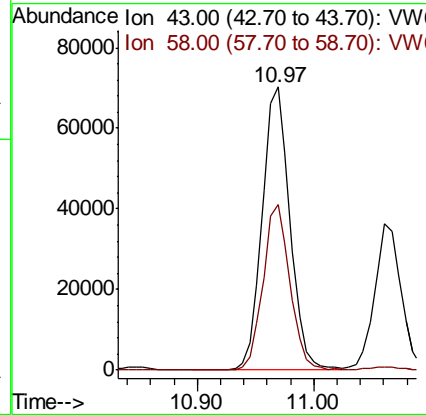
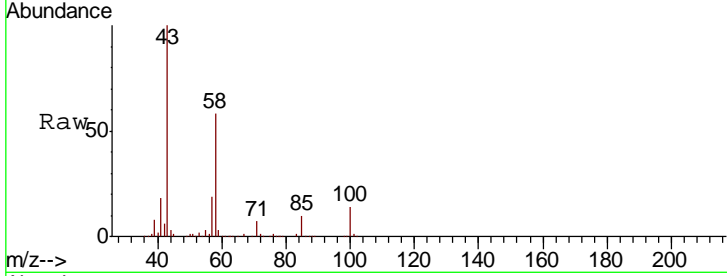


#59  
 2-Hexanone  
 Concen: 88.294 ug/l  
 RT: 10.97 min Scan# 1487  
 Delta R.T. 0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

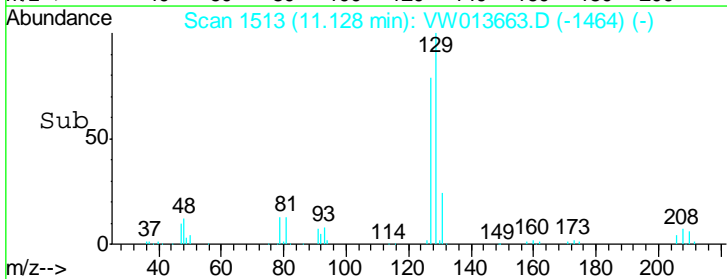
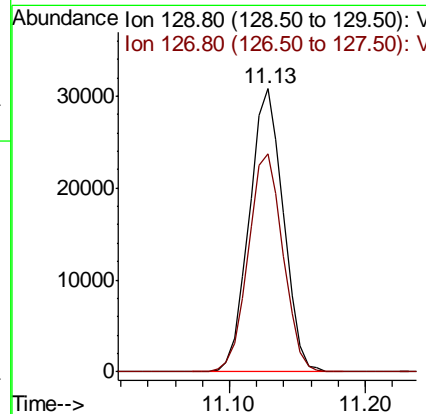
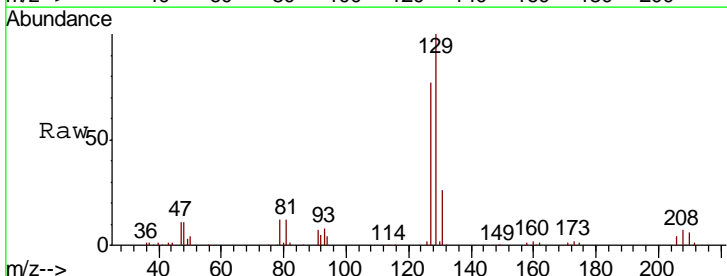
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 43      | 116194 |       |       |
| 58      | 56.7   | 27.9  | 83.7  |

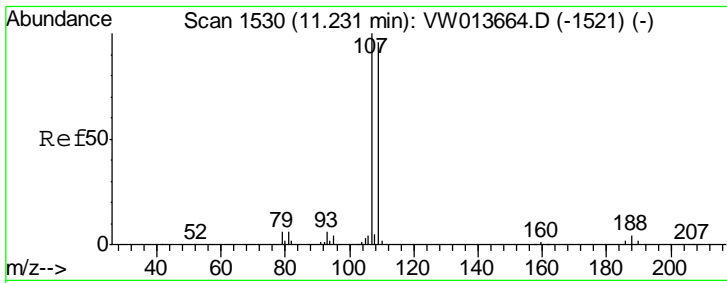
Manual Integrations  
**APPROVED**  
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 10/24/2019 1:26:41 PM



#60  
 Dibromochloromethane  
 Concen: 20.512 ug/l  
 RT: 11.13 min Scan# 1513  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 53900 |       |       |
| 127     | 78.4  | 38.9  | 116.7 |





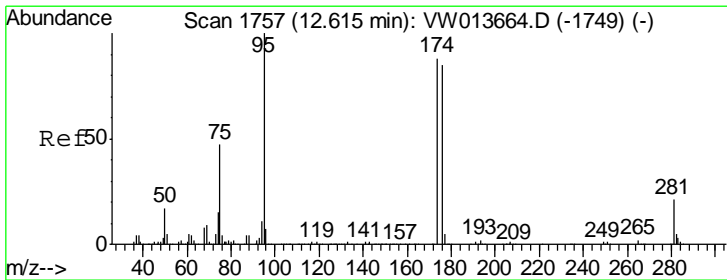
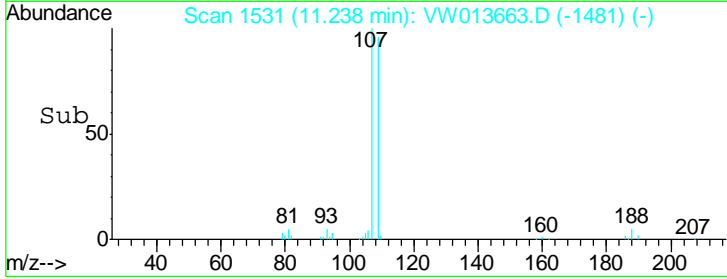
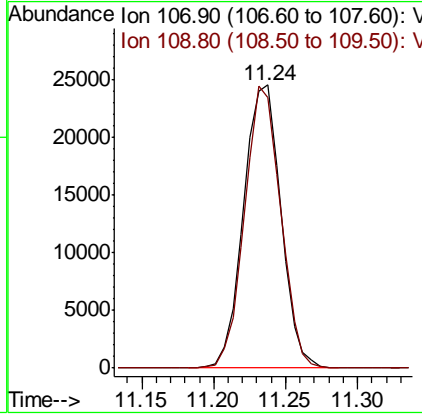
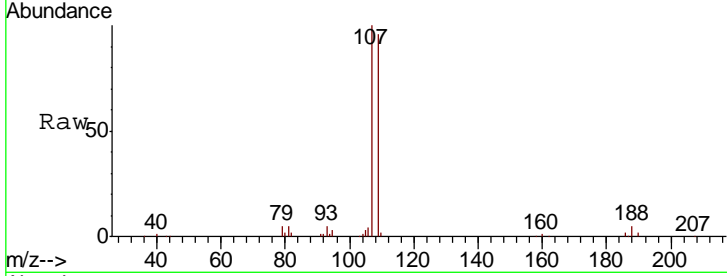
#61  
 1,2-Dibromoethane  
 Concen: 20.247 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. 0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 107     | 100  |       |       |
| 109     | 96.3 | 75.7  | 113.5 |

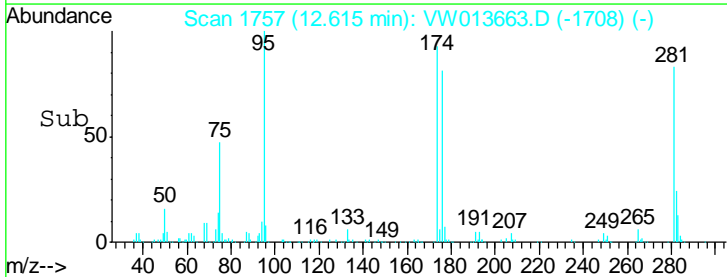
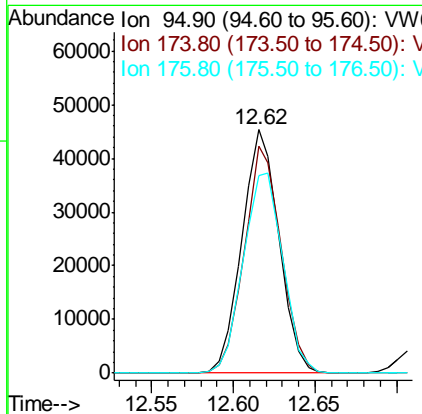
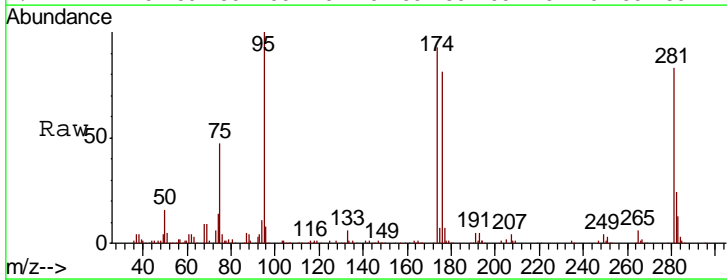
Manual Integrations  
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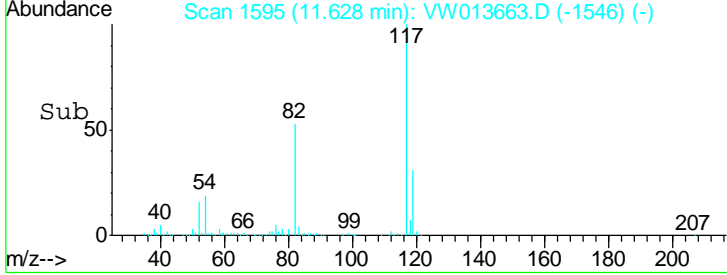
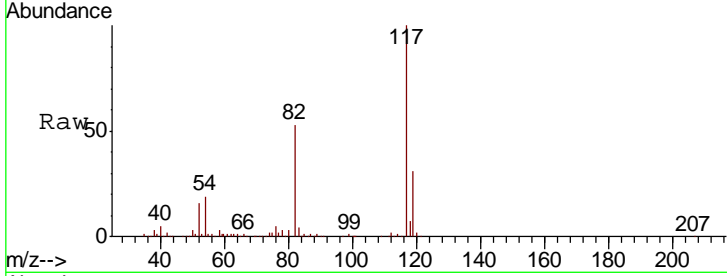
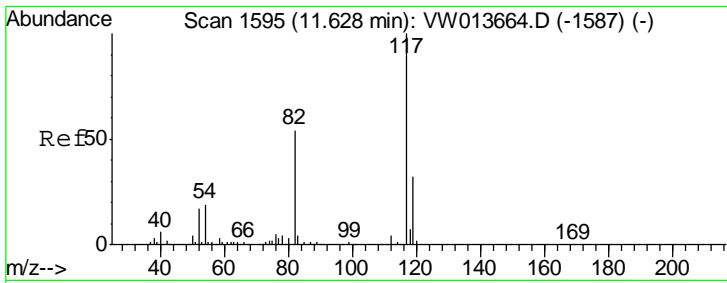
MMDadoda  
 10/24/2019 1:26:41 PM



#62  
 4-Bromofluorobenzene  
 Concen: 17.876 ug/l  
 RT: 12.62 min Scan# 1757  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 95      | 100  |       |       |
| 174     | 92.8 | 0.0   | 183.6 |
| 176     | 88.1 | 0.0   | 178.0 |



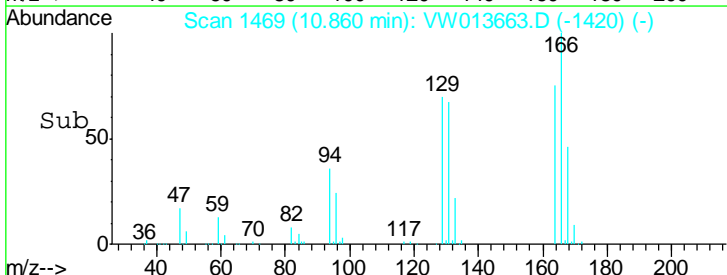
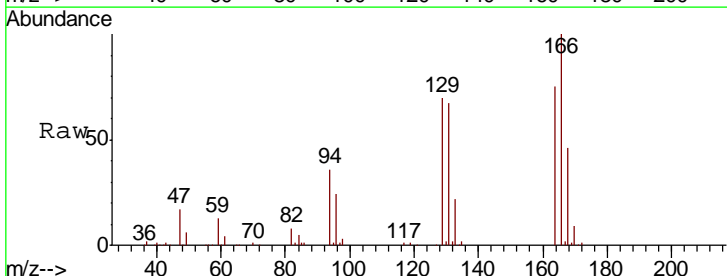
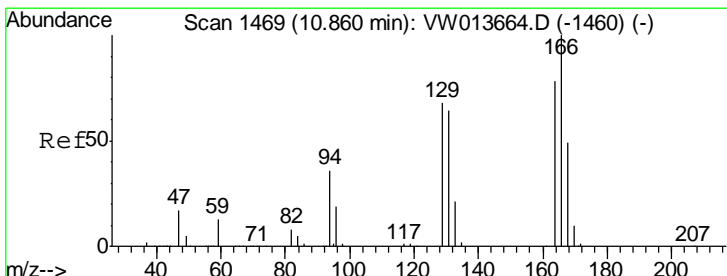
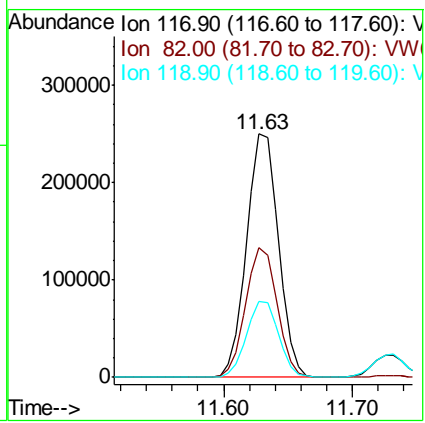


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.63 min Scan# 1595  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 117     | 100  |       |       |
| 82      | 53.4 | 43.6  | 65.4  |
| 119     | 31.4 | 25.4  | 38.2  |

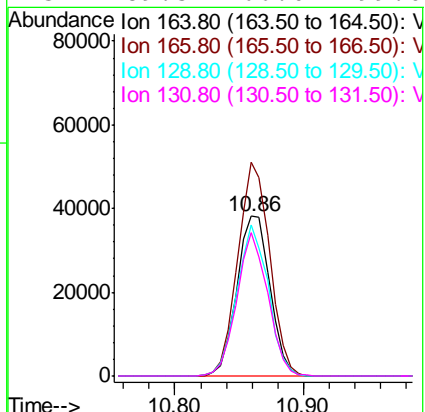
Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

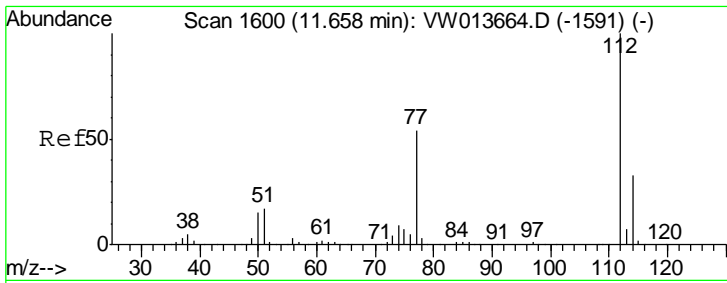
Manual Integrations APPROVED  
 MMDadoda  
 10/24/2019 1:26:41 PM



#64  
 Tetrachloroethene  
 Concen: 21.404 ug/l  
 RT: 10.86 min Scan# 1469  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 133.5 | 103.2 | 154.8 |
| 129     | 94.1  | 70.6  | 105.8 |
| 131     | 89.5  | 66.0  | 99.0  |





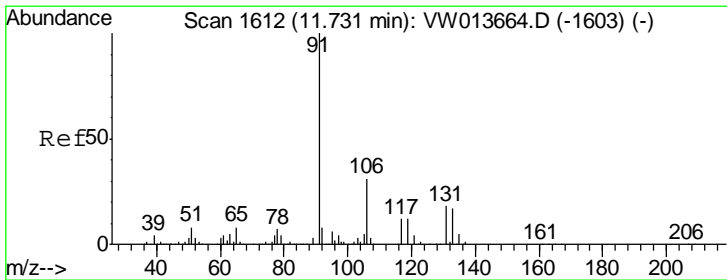
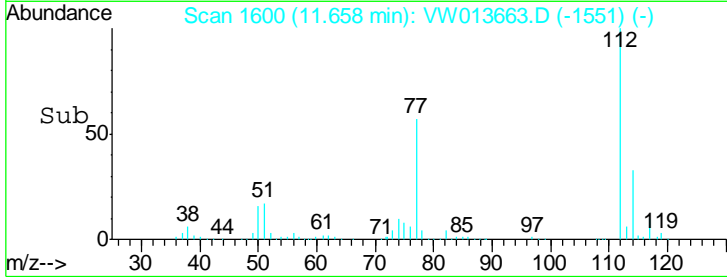
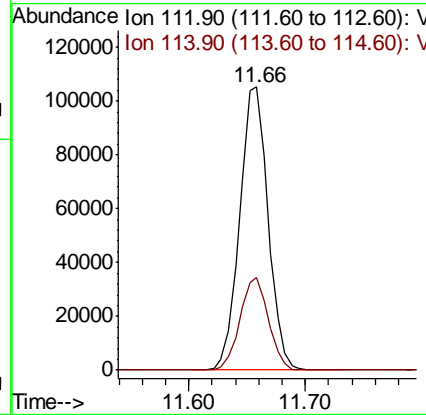
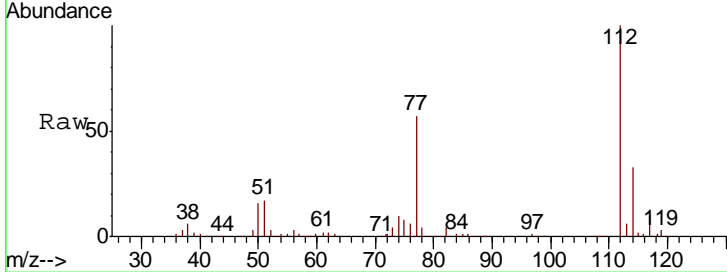
#65  
 Chlorobenzene  
 Concen: 20.927 ug/l  
 RT: 11.66 min Scan# 1600  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 112     | 178679 |       |       |
| 114     | 32.8   | 26.2  | 39.4  |

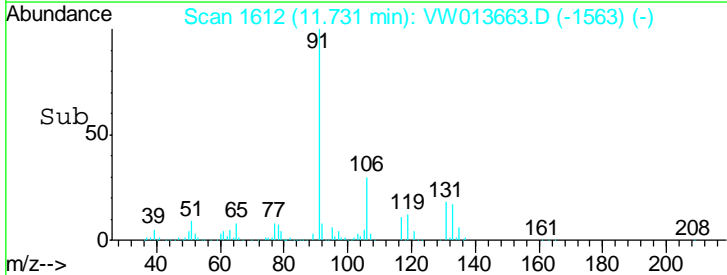
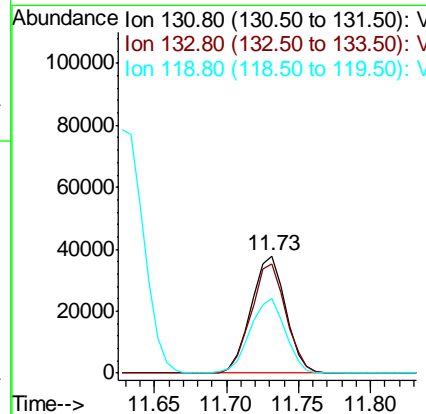
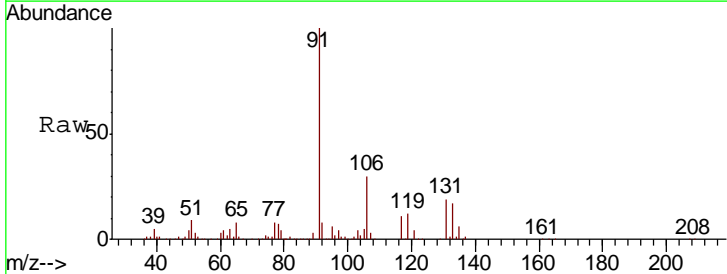
Manual Integrations  
 APPROVED

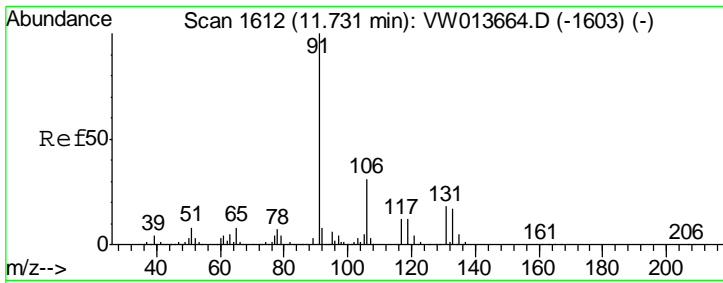
MMDadoda  
 10/24/2019 1:26:41 PM



#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 21.109 ug/l  
 RT: 11.73 min Scan# 1612  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 62759 |       |       |
| 133     | 93.8  | 47.4  | 142.3 |
| 119     | 64.5  | 33.1  | 99.2  |





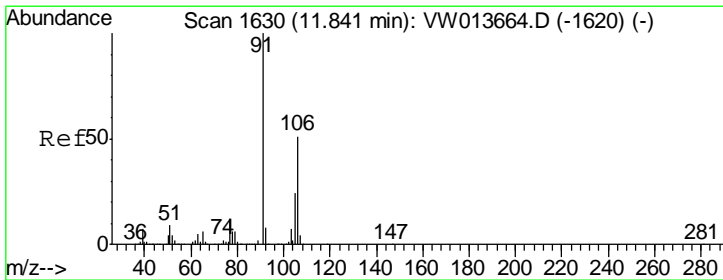
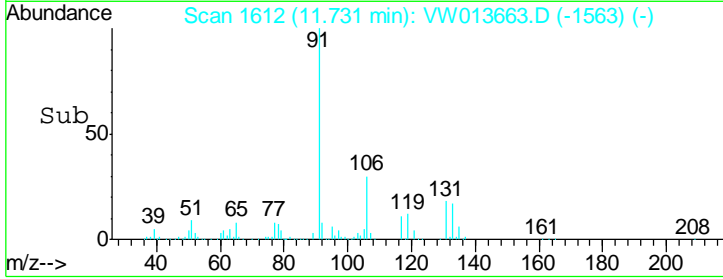
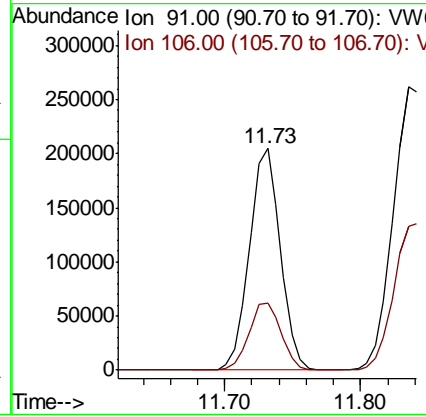
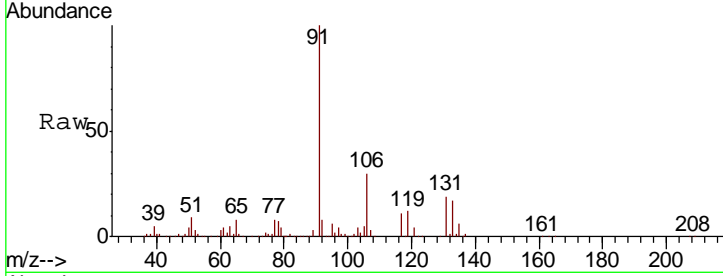
#67  
Ethyl Benzene  
Concen: 20.917 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW013663.D  
Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
Client Sampled : VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 106     | 30.3 | 25.0  | 37.6  |

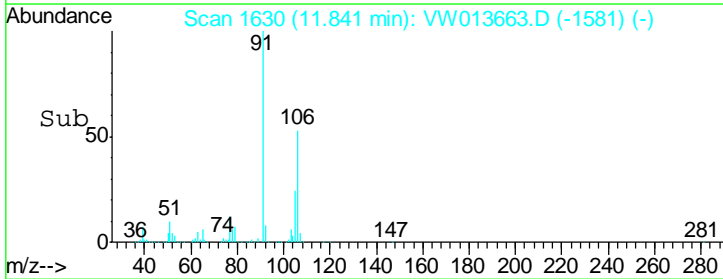
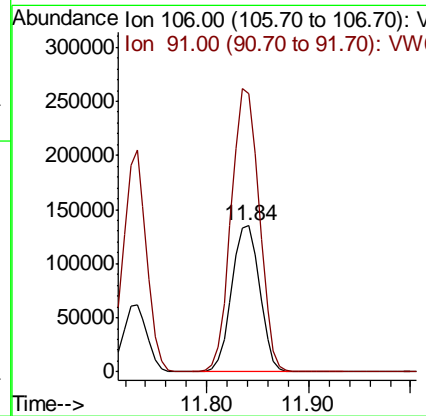
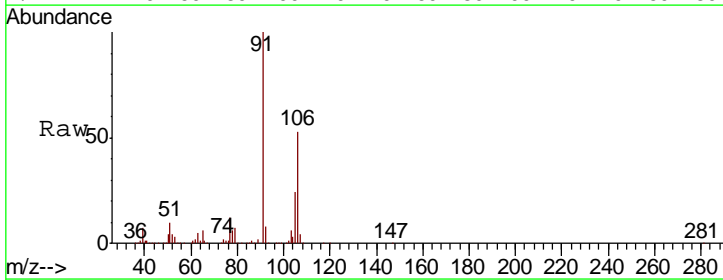
Manual Integrations  
APPROVED

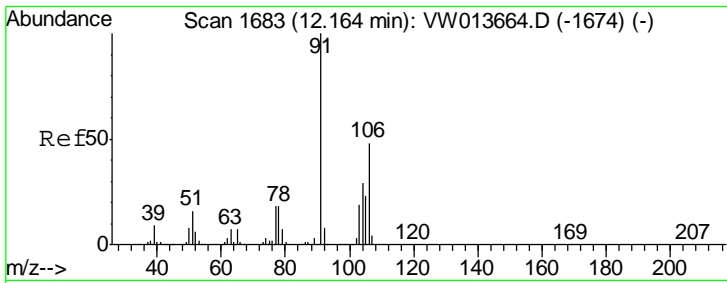
MMDadoda  
10/24/2019 1:26:41 PM



#68  
m/p-Xylenes  
Concen: 43.266 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW013663.D  
Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 193.7 | 159.2 | 238.8 |





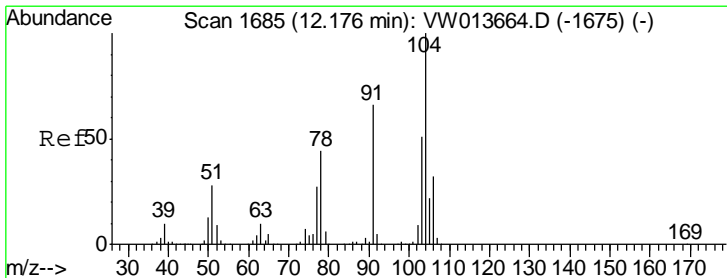
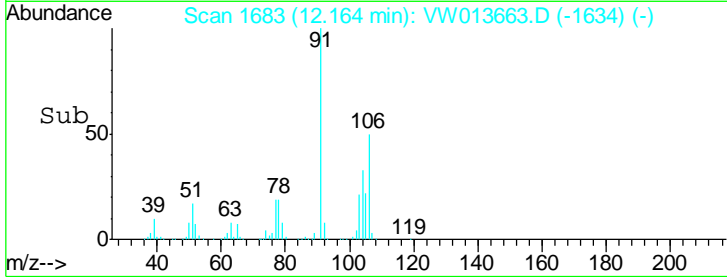
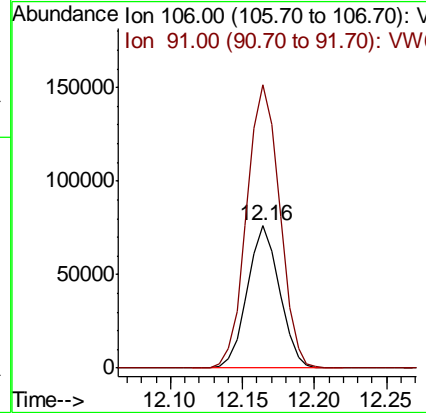
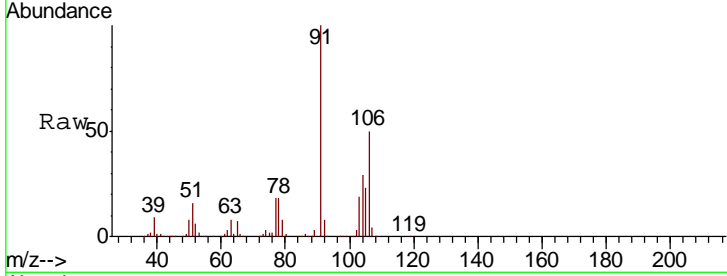
#69  
 o-Xylene  
 Concen: 21.336 ug/l  
 RT: 12.16 min Scan# 1683  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 106     | 117358 |       |       |
| 106     | 100    |       |       |
| 91      | 205.1  | 104.9 | 314.7 |

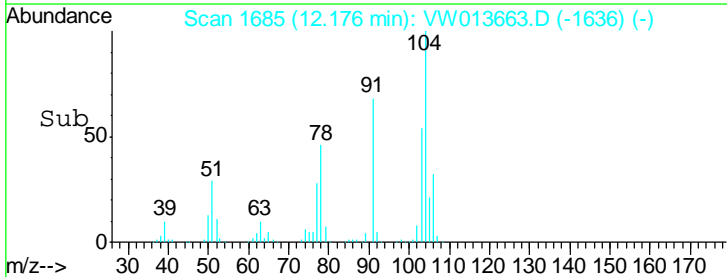
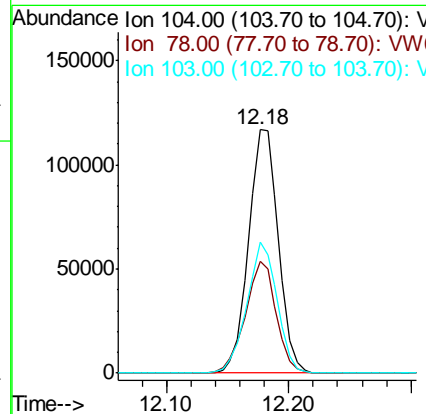
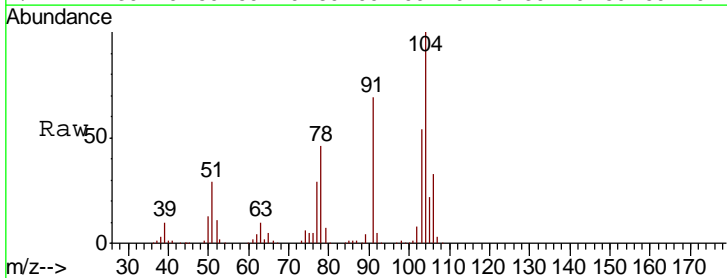
Manual Integrations  
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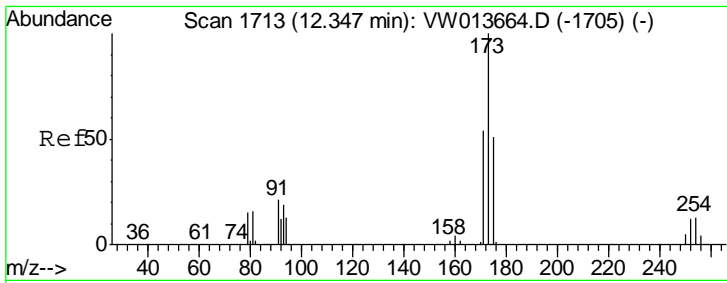
MMDadoda  
 10/24/2019 1:26:41 PM



#70  
 Styrene  
 Concen: 20.921 ug/l  
 RT: 12.18 min Scan# 1685  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 104     | 197464 |       |       |
| 104     | 100    |       |       |
| 78      | 47.6   | 37.1  | 55.7  |
| 103     | 54.9   | 43.6  | 65.4  |





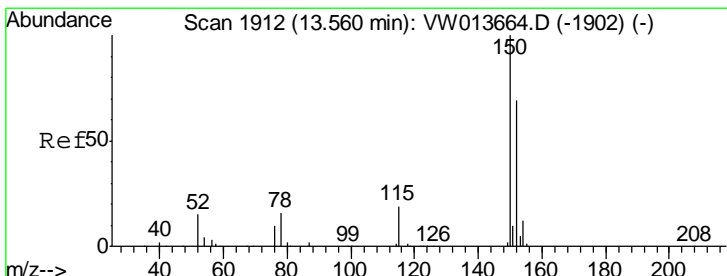
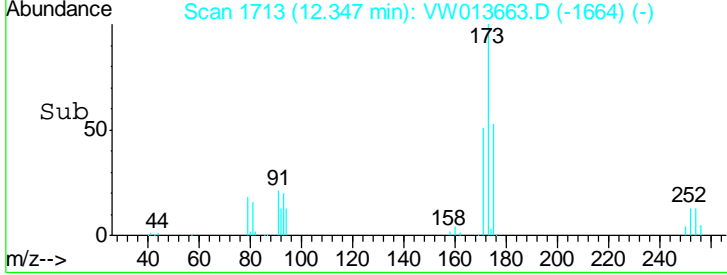
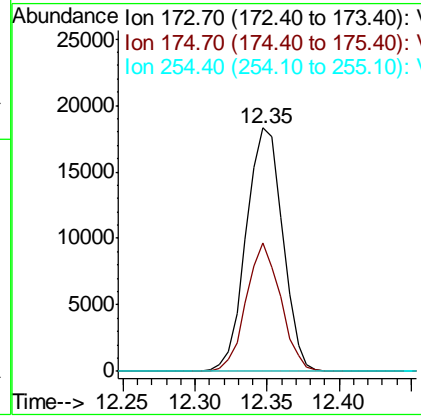
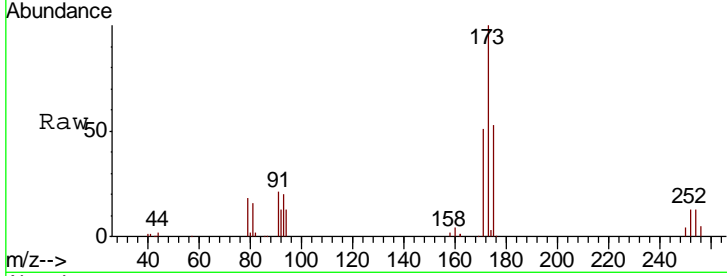
#71  
 Bromoform  
 Concen: 19.873 ug/l  
 RT: 12.35 min Scan# 1713  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 Client Sampled : VSTDIC020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 32139 |       |       |
| 173     | 100   |       |       |
| 175     | 49.4  | 25.2  | 75.6  |
| 254     | 0.0   | 0.1   | 0.1#  |

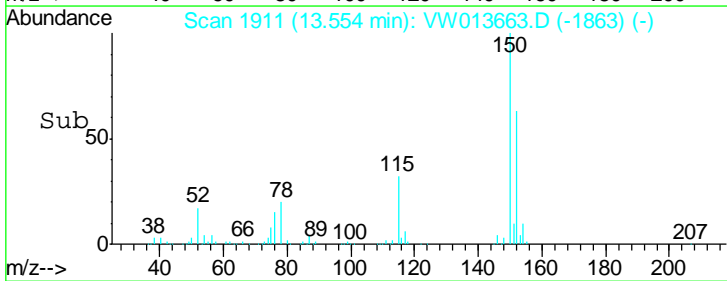
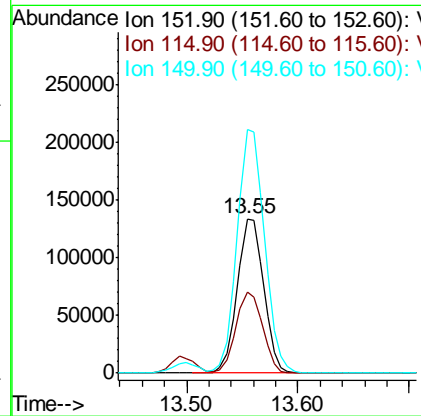
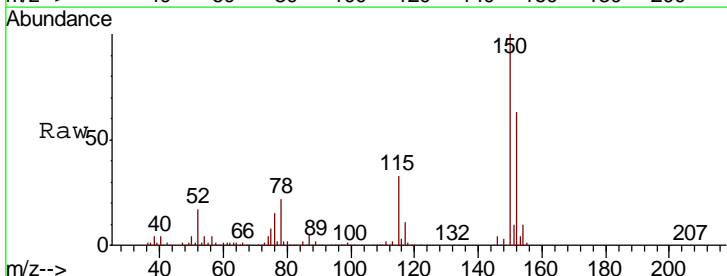
Manual Integrations  
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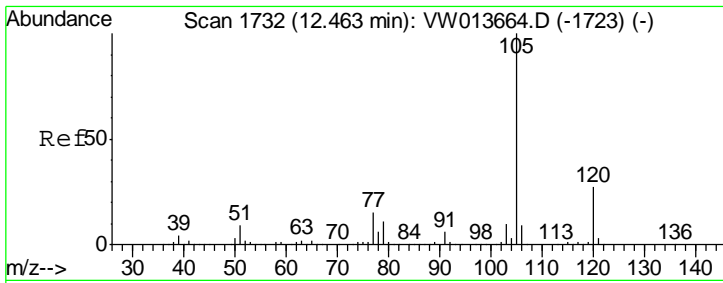


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.55 min Scan# 1911  
 Delta R.T. -0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 152     | 218816 |       |       |
| 152     | 100    |       |       |
| 115     | 53.1   | 27.4  | 82.2  |
| 150     | 165.4  | 0.0   | 345.4 |







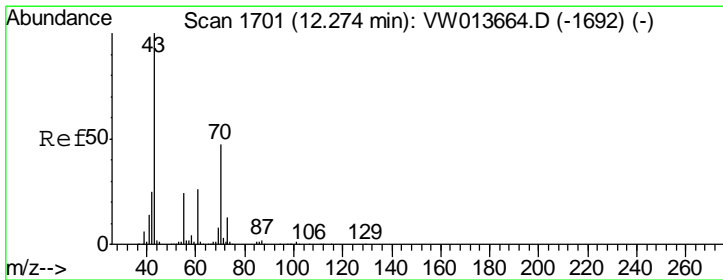
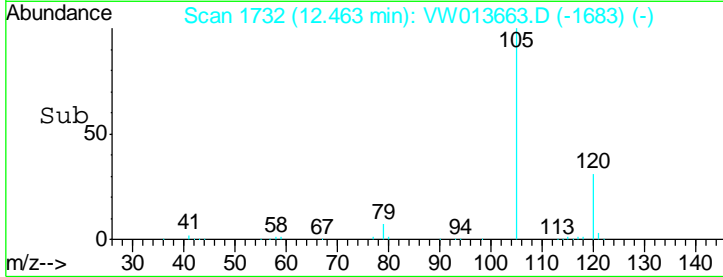
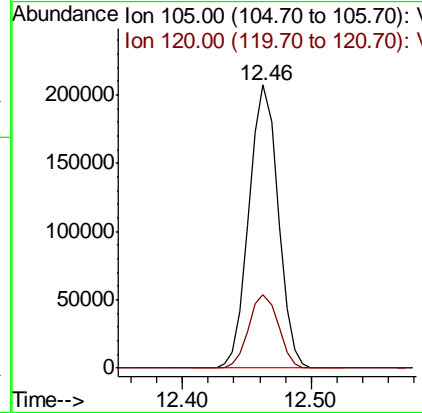
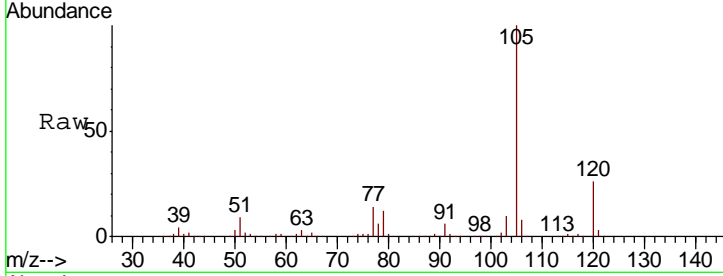
#73  
 Isopropylbenzene  
 Concen: 20.631 ug/l  
 RT: 12.46 min Scan# 1732  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105     | 100  |       |       |
| 120     | 26.4 | 13.5  | 40.4  |

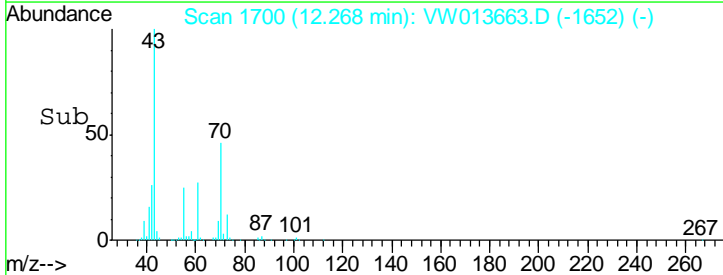
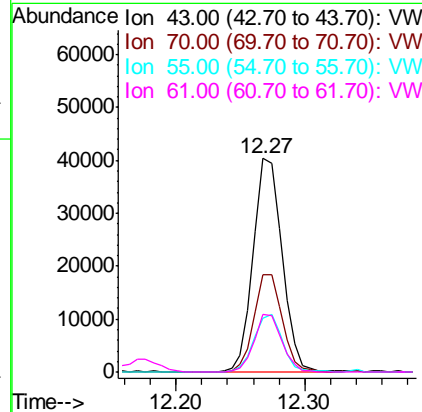
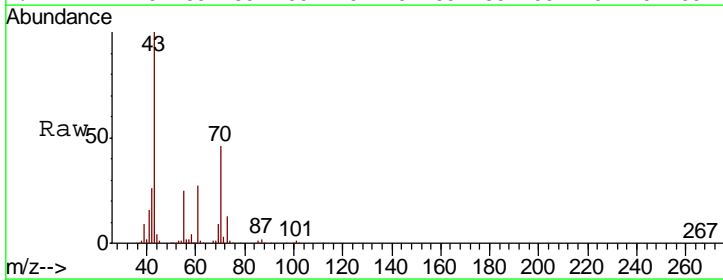
Manual Integrations  
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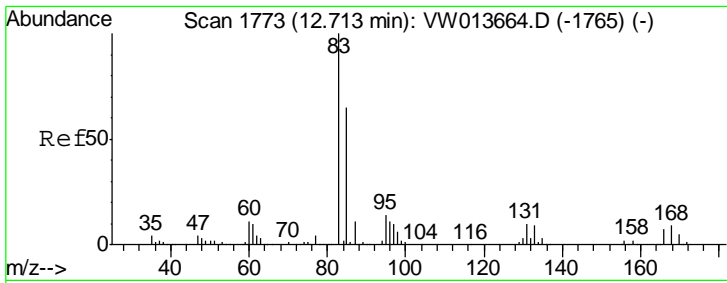
MMDadoda  
 10/24/2019 1:26:41 PM



#74  
 N-nyl acetate  
 Concen: 18.585 ug/l  
 RT: 12.27 min Scan# 1700  
 Delta R.T. -0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 70      | 44.6 | 36.6  | 55.0  |
| 55      | 26.3 | 20.3  | 30.5  |
| 61      | 25.6 | 20.4  | 30.6  |





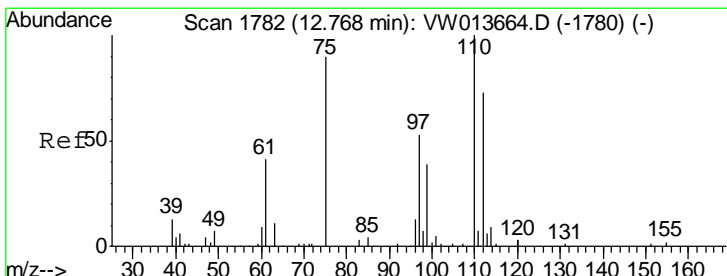
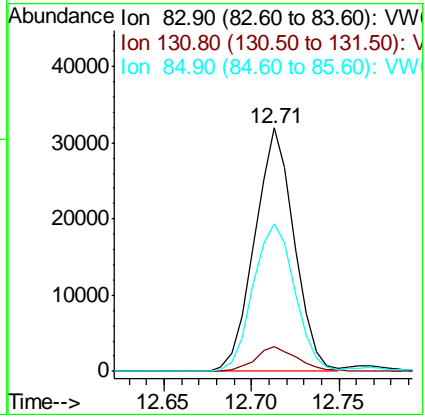
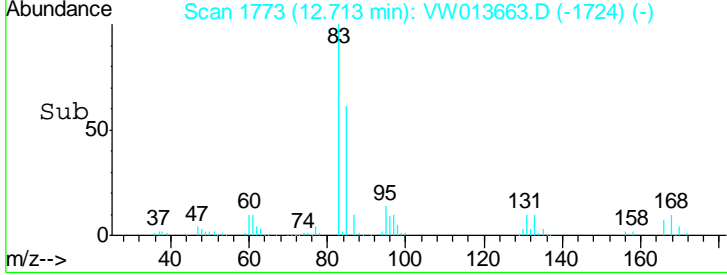
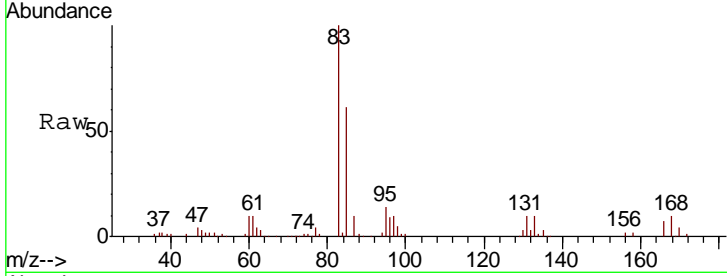
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.002 ug/l  
 RT: 12.71 min Scan# 1773  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 50262 |       |       |
| 83      | 100   |       |       |
| 131     | 10.9  | 5.7   | 17.1  |
| 85      | 63.7  | 32.5  | 97.4  |

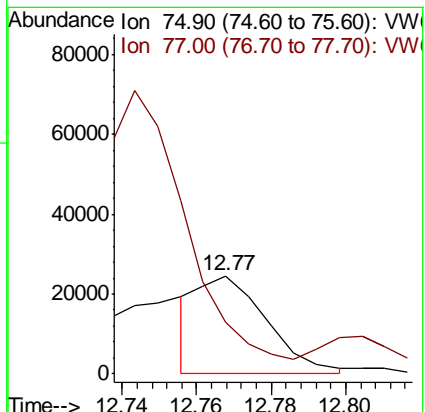
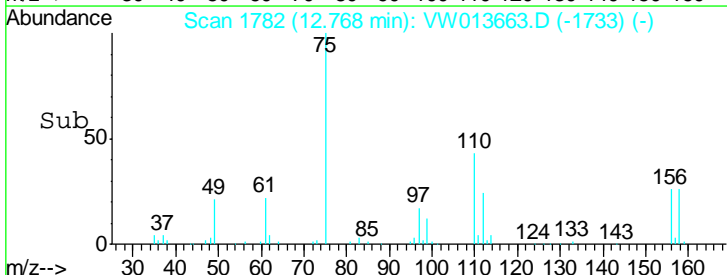
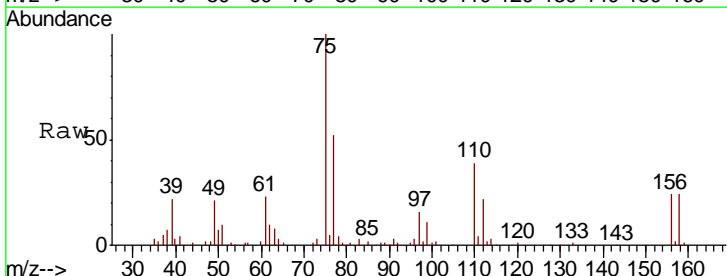
Manual Integrations  
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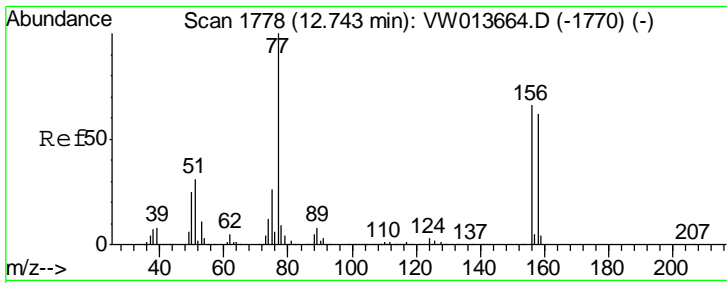
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#76  
 1,2,3-Trichloropropane  
 Concen: 17.705 ug/l m  
 RT: 12.77 min Scan# 1782  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 31829 |       |       |
| 75      | 100   |       |       |
| 77      | 0.0   | 0.0   | 0.0   |





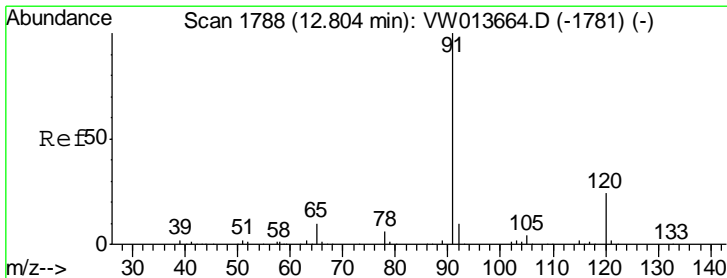
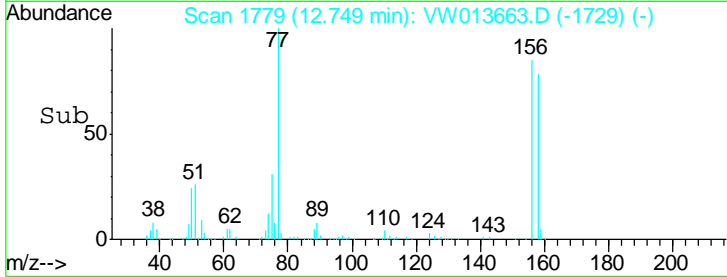
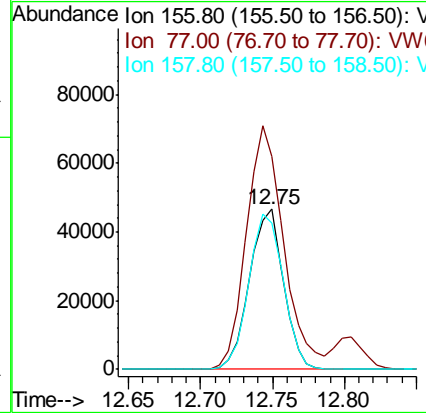
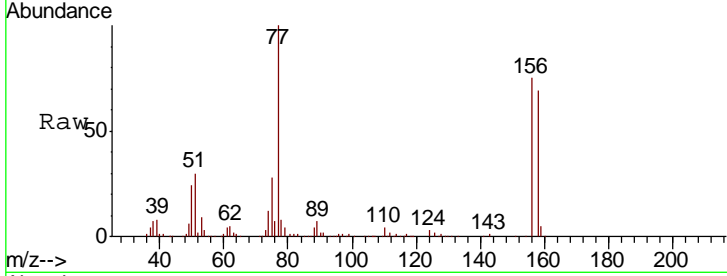
#77  
 Bromobenzene  
 Concen: 20.374 ug/l  
 RT: 12.75 min Scan# 1779  
 Delta R.T. 0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 76093 |       |       |
| 77      | 167.2 | 82.9  | 248.7 |
| 158     | 98.8  | 48.4  | 145.2 |

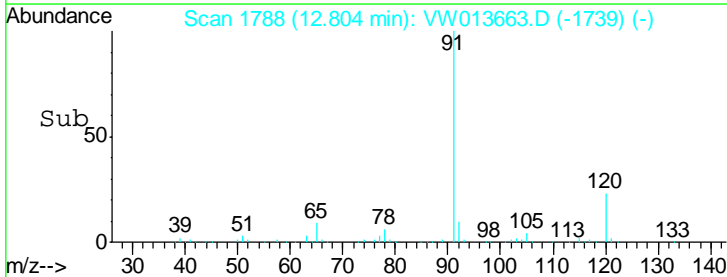
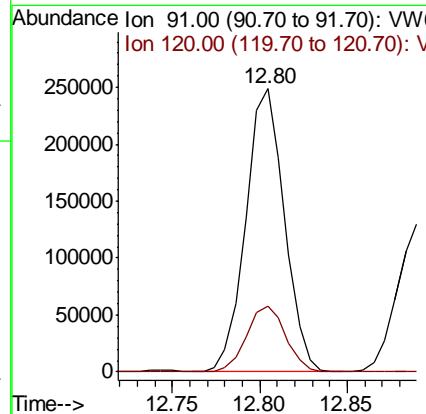
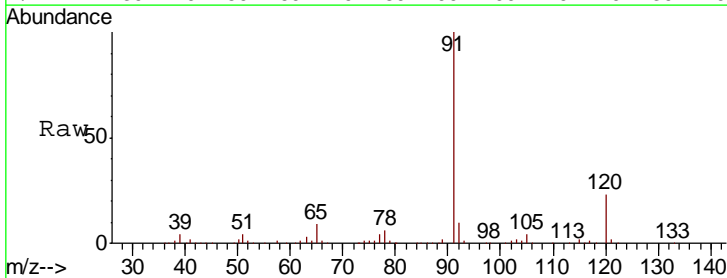
Manual Integrations  
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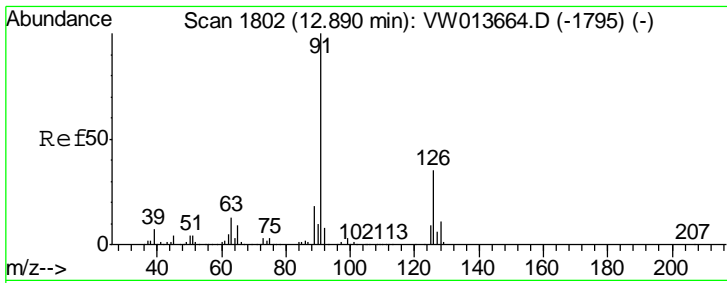
MMDadoda  
 10/24/2019 1:26:41 PM



#78  
 n-propylbenzene  
 Concen: 20.940 ug/l  
 RT: 12.80 min Scan# 1788  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 91      | 380460 |       |       |
| 120     | 23.6   | 12.0  | 36.0  |



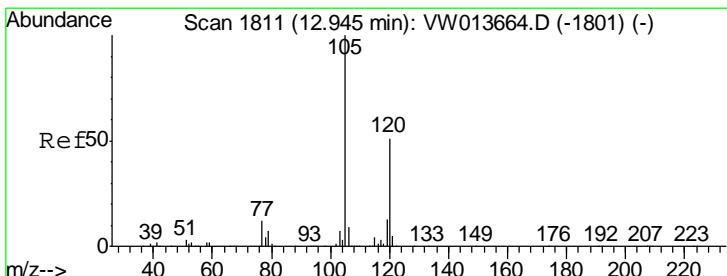
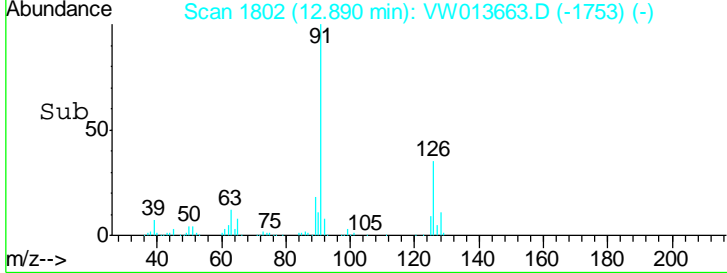
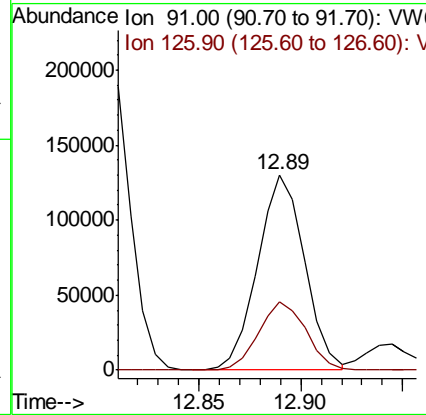
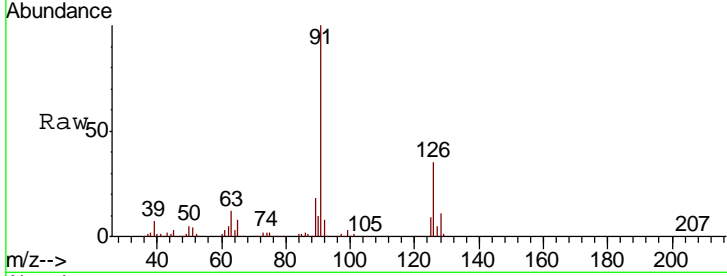


#79  
 2-Chlorotoluene  
 Concen: 20.408 ug/l  
 RT: 12.89 min Scan# 1802  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 Client Sampled : VSTDIC020

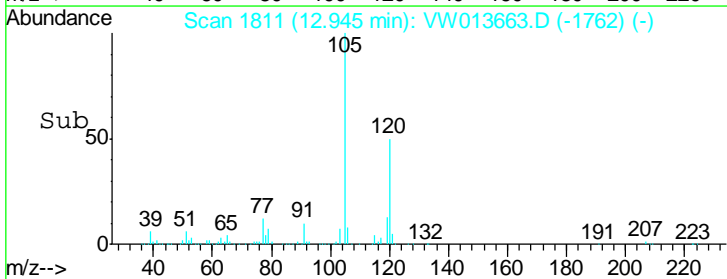
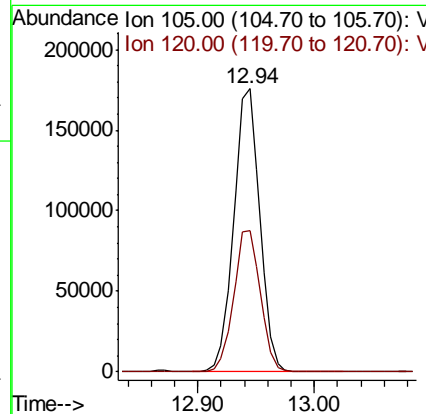
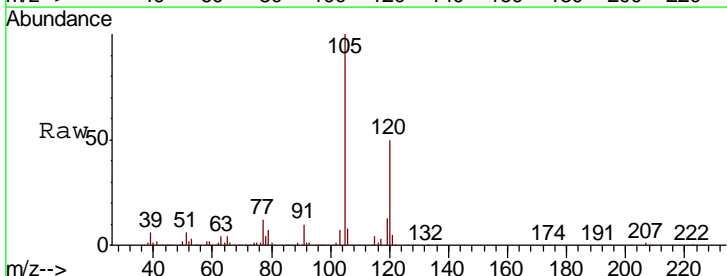
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 126     | 35.3 | 17.4  | 52.2  |

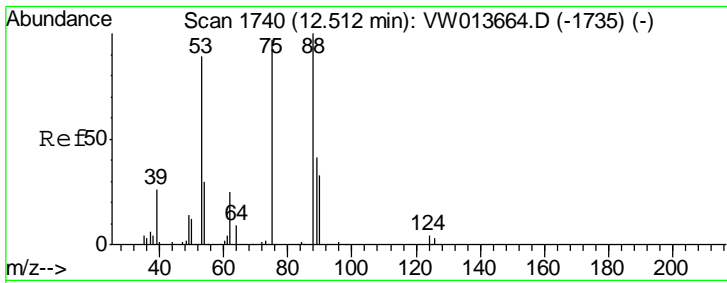
Manual Integrations  
**APPROVED**  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.834 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105     | 100  |       |       |
| 120     | 51.2 | 25.1  | 75.3  |





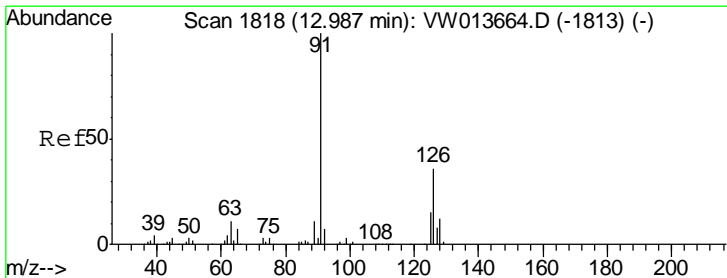
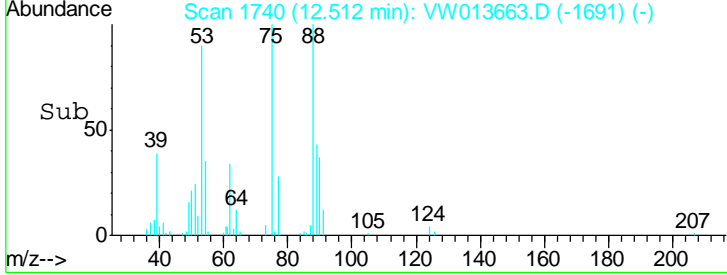
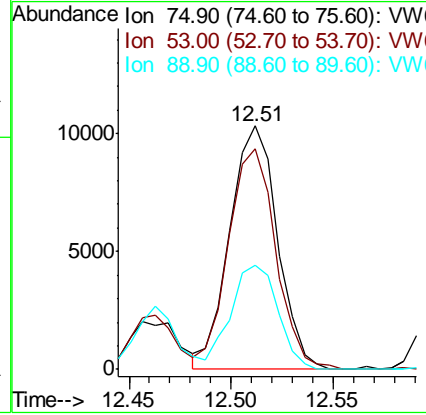
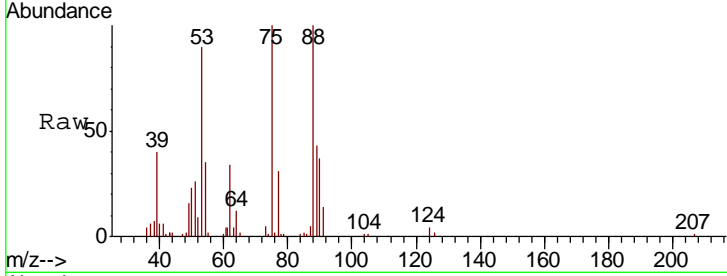
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 18.977 ug/l  
 RT: 12.51 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 16741 |       |       |
| 75      | 100   |       |       |
| 53      | 90.3  | 71.7  | 107.5 |
| 89      | 41.9  | 35.8  | 53.8  |

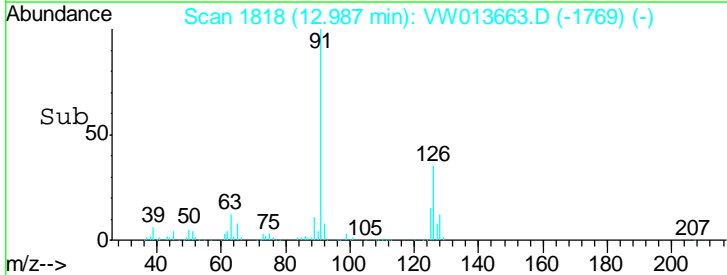
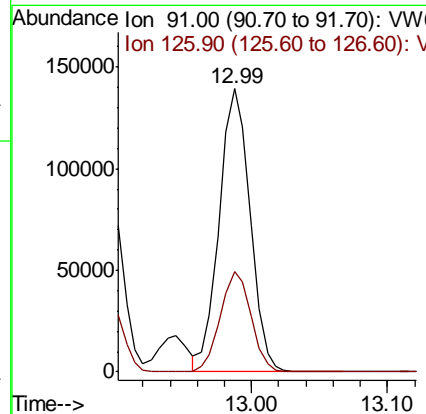
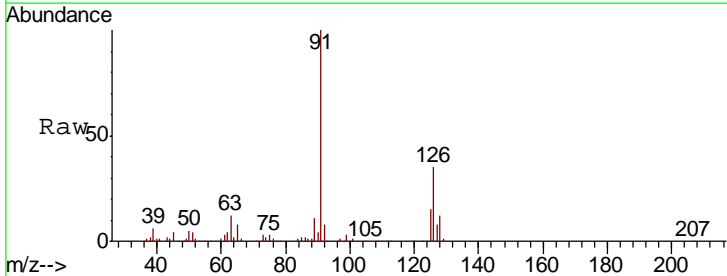
Manual Integrations  
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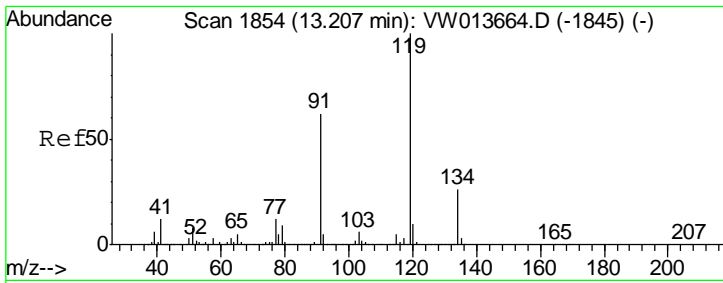
MMDadoda  
 10/24/2019 1:26:41 PM



#82  
 4-Chlorotoluene  
 Concen: 20.653 ug/l  
 RT: 12.99 min Scan# 1818  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 91      | 219107 |       |       |
| 91      | 100    |       |       |
| 126     | 35.1   | 17.2  | 51.5  |





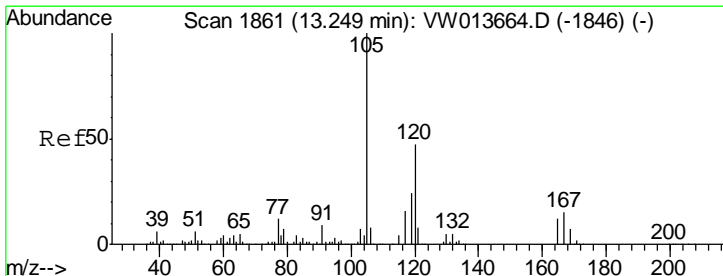
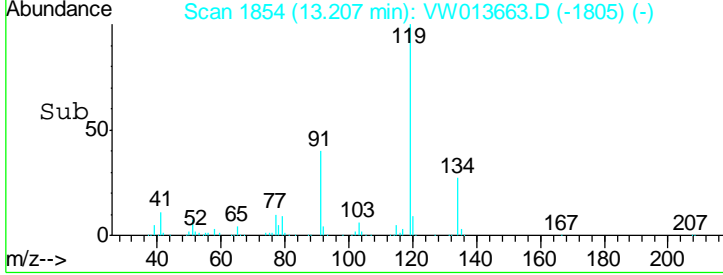
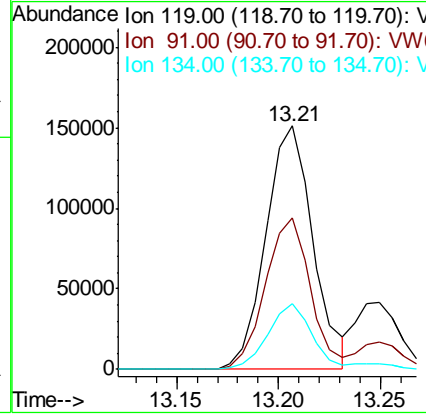
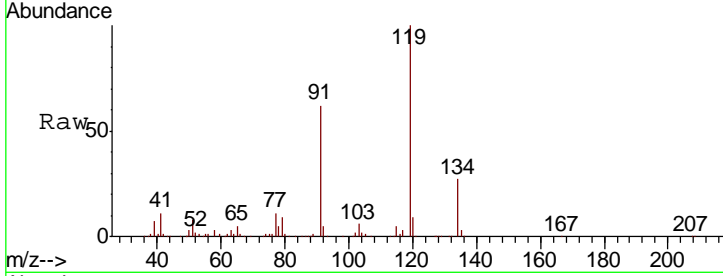
#83  
 tert-Butylbenzene  
 Concen: 20.933 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 119     | 100  |       |       |
| 91      | 59.5 | 30.4  | 91.3  |
| 134     | 25.9 | 13.6  | 40.8  |

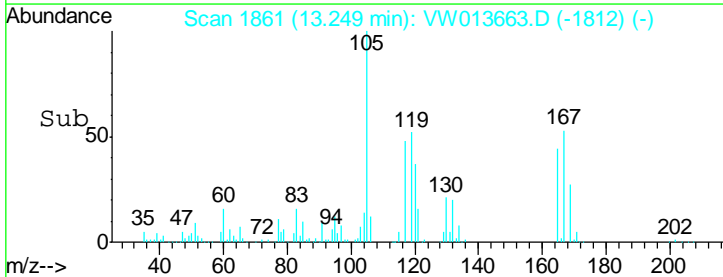
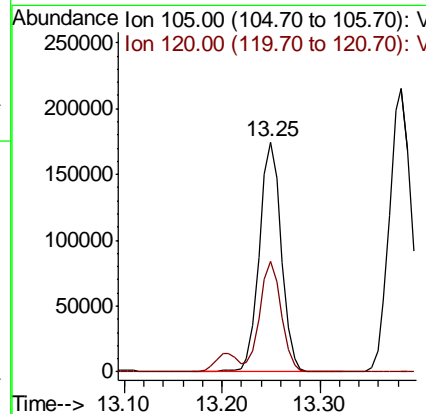
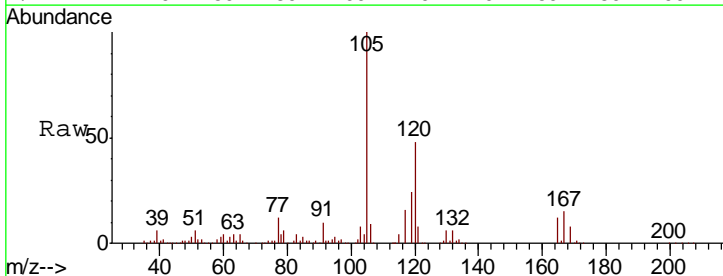
Manual Integrations  
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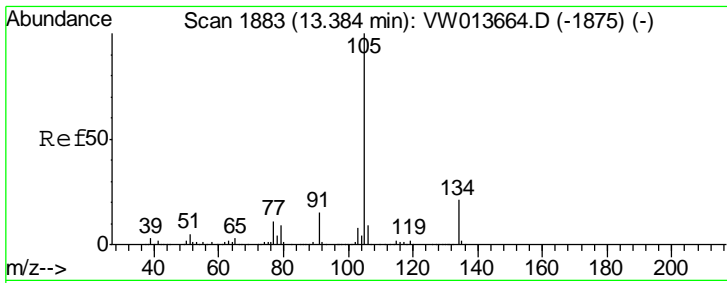
MMDadoda  
 10/24/2019 1:26:41 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.970 ug/l  
 RT: 13.25 min Scan# 1861  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105     | 100  |       |       |
| 120     | 47.0 | 23.5  | 70.5  |





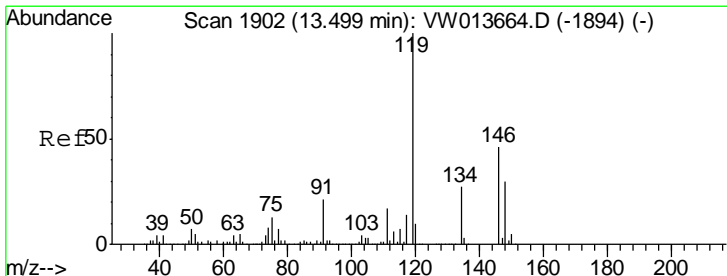
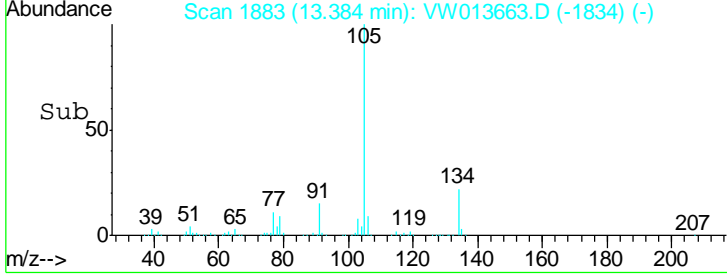
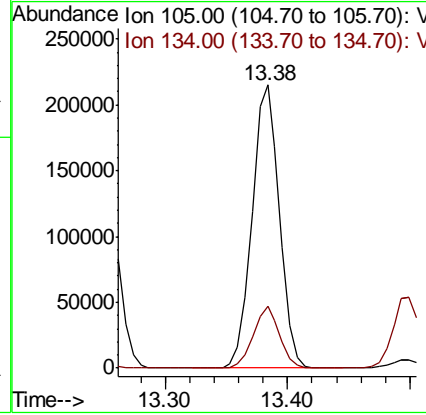
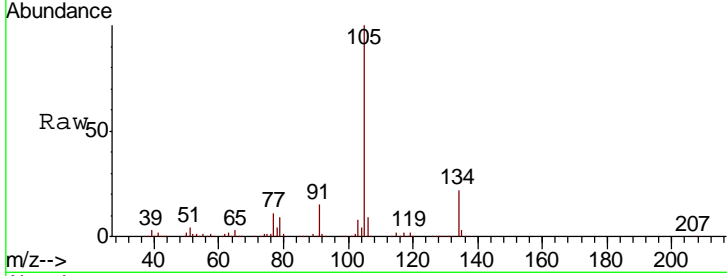
#85  
 sec-Butylbenzene  
 Concen: 20.767 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 Client Sampled : VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105     | 100  |       |       |
| 134     | 20.9 | 10.5  | 31.5  |

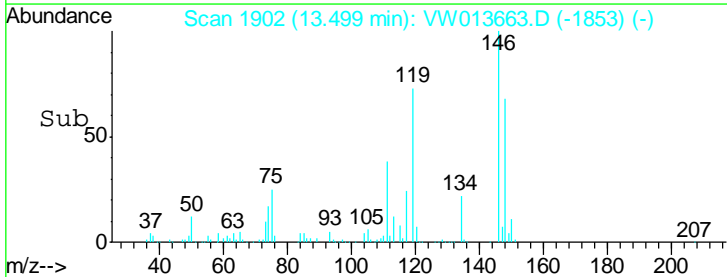
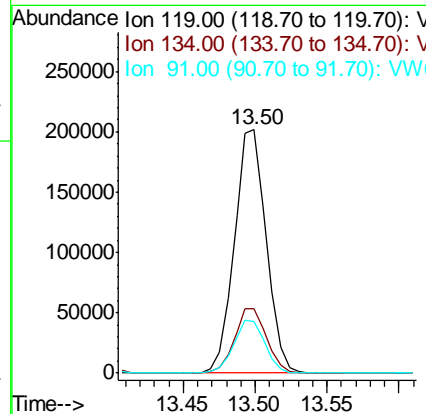
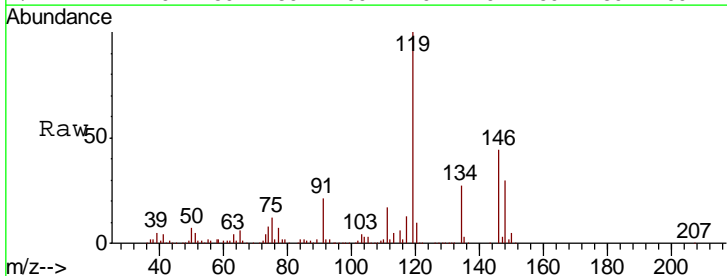
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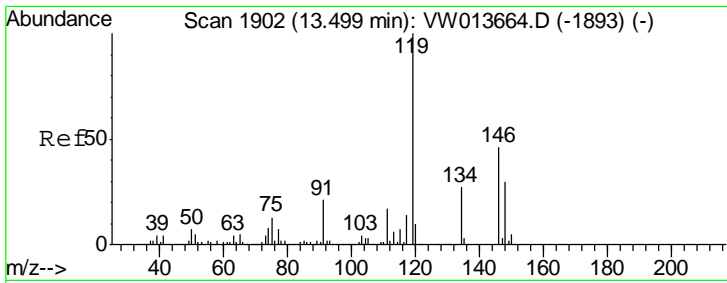
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#86  
 p-Isopropyltoluene  
 Concen: 21.033 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 119     | 100  |       |       |
| 134     | 26.6 | 13.4  | 40.1  |
| 91      | 21.5 | 10.8  | 32.3  |





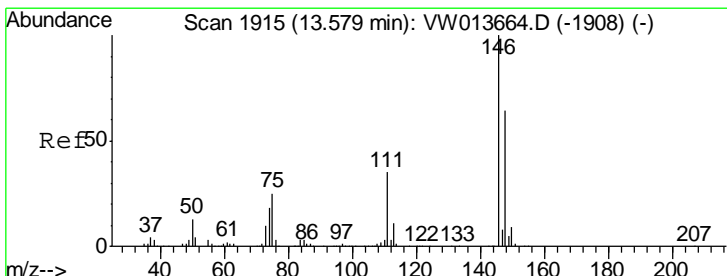
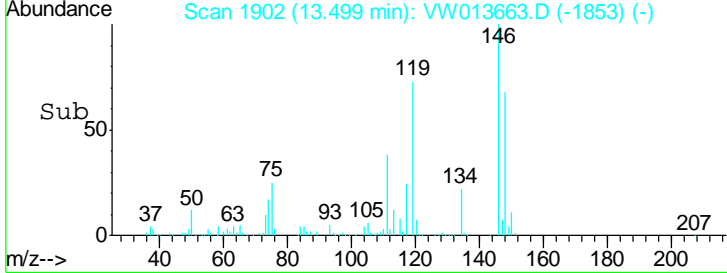
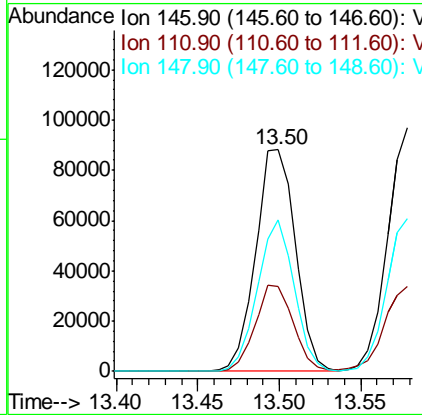
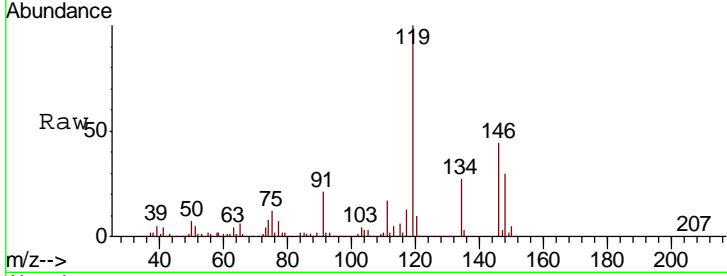
#87  
 1,3-Dichlorobenzene  
 Concen: 21.061 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 146     | 149529 |       |       |
| 146     | 100    |       |       |
| 111     | 37.4   | 18.6  | 56.0  |
| 148     | 63.0   | 31.7  | 95.1  |

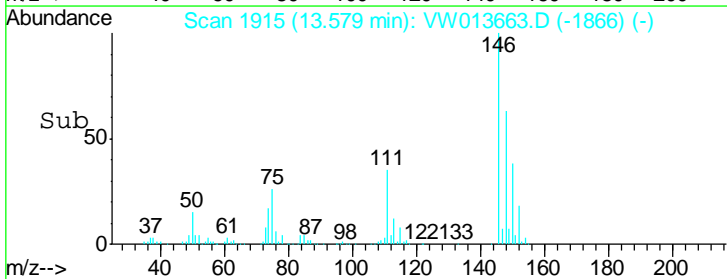
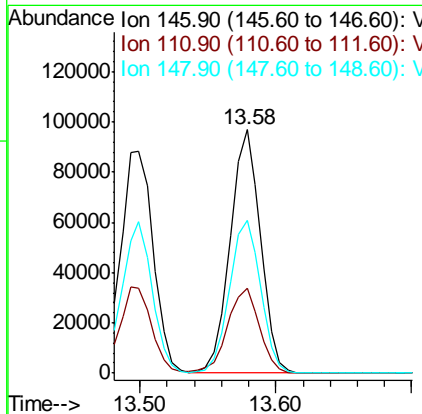
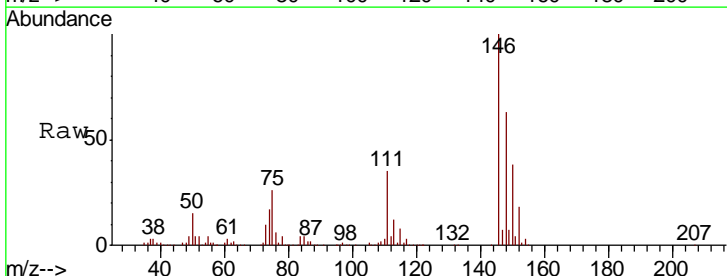
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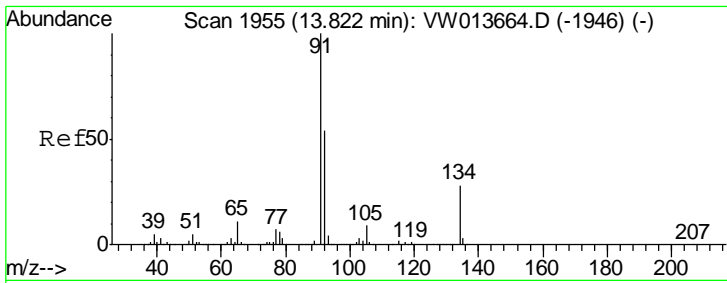


#88  
 1,4-Dichlorobenzene  
 Concen: 21.540 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 146     | 149876 |       |       |
| 146     | 100    |       |       |
| 111     | 36.7   | 18.1  | 54.3  |
| 148     | 64.6   | 32.0  | 96.2  |







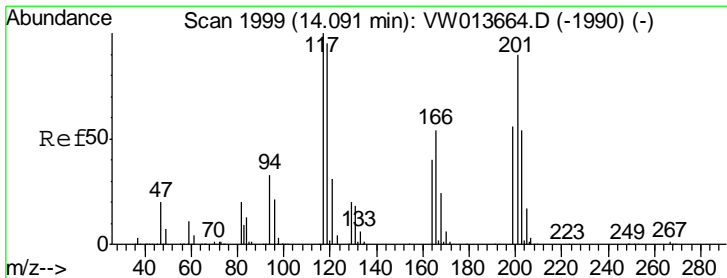
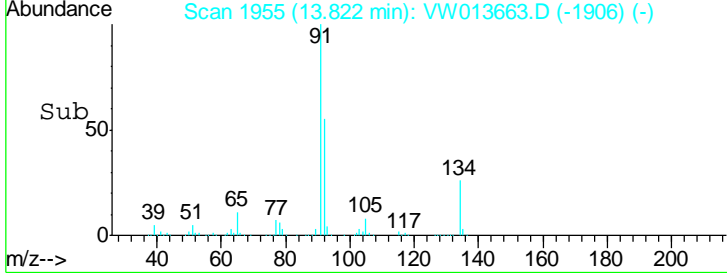
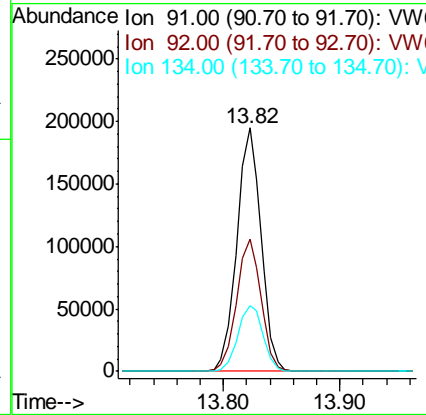
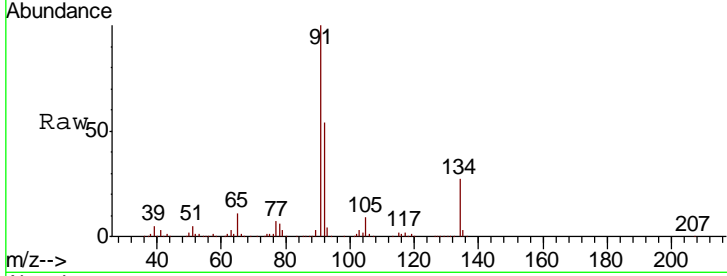
#89  
 n-Butylbenzene  
 Concen: 21.187 ug/l  
 RT: 13.82 min Scan# 1955  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 92      | 54.9 | 27.5  | 82.4  |
| 134     | 28.2 | 14.0  | 41.9  |

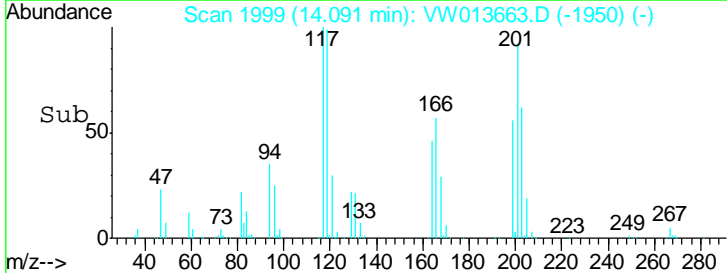
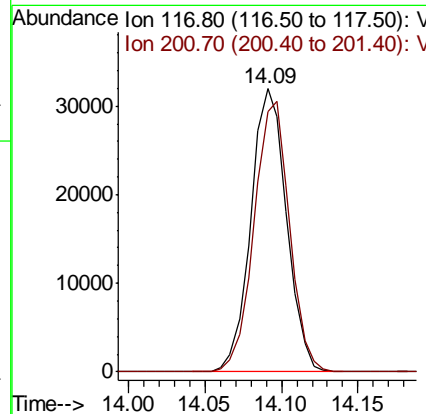
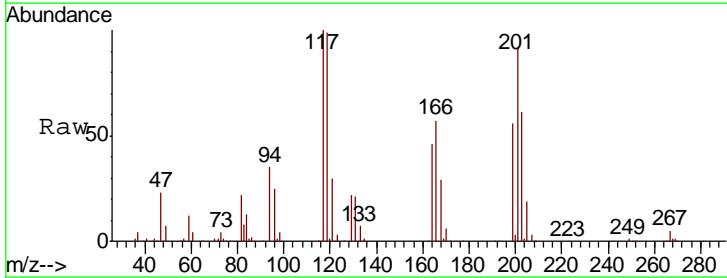
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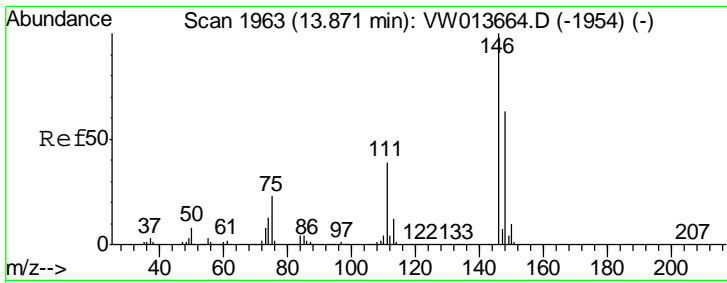
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#90  
 Hexachloroethane  
 Concen: 20.394 ug/l  
 RT: 14.09 min Scan# 1999  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 117     | 100  |       |       |
| 201     | 94.8 | 46.1  | 138.2 |





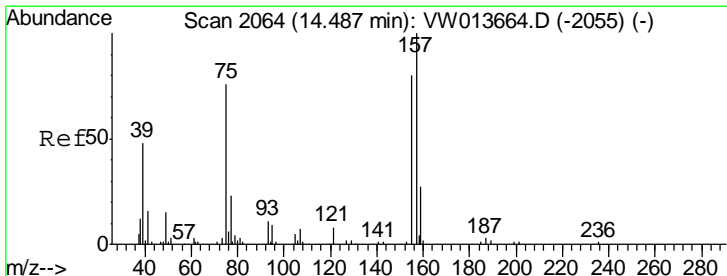
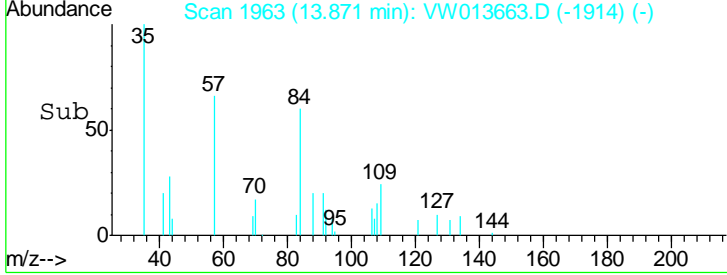
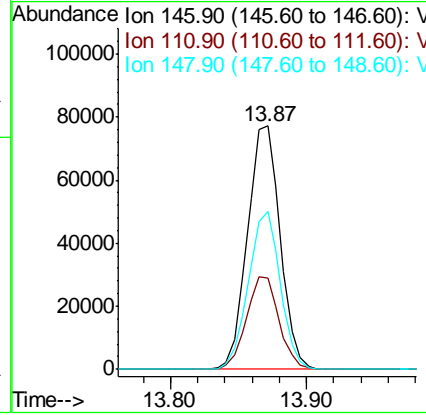
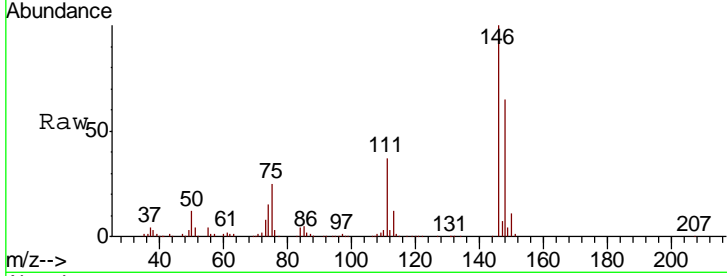
#91  
 1,2-Dichlorobenzene  
 Concen: 20.747 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 146     | 129645 |       |       |
| 111     | 37.9   | 19.9  | 59.6  |
| 148     | 63.4   | 31.9  | 95.9  |

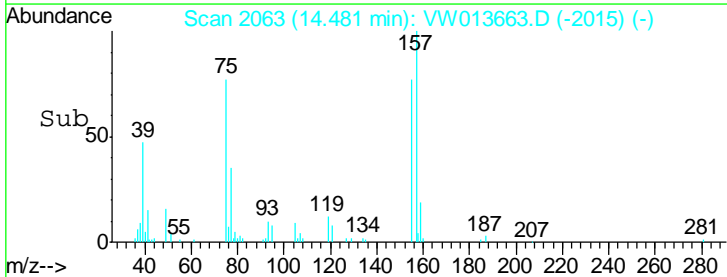
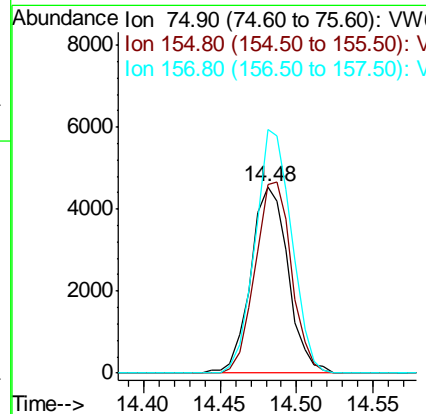
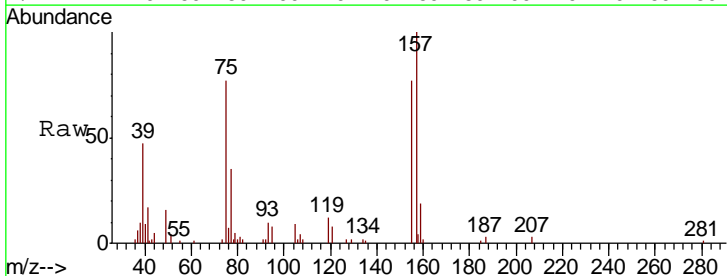
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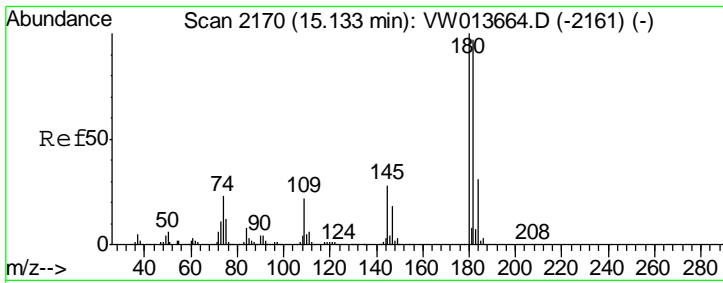
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.494 ug/l  
 RT: 14.48 min Scan# 2063  
 Delta R.T. -0.01 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 7750  |       |       |
| 155     | 99.5  | 51.9  | 155.7 |
| 157     | 127.4 | 64.8  | 194.3 |



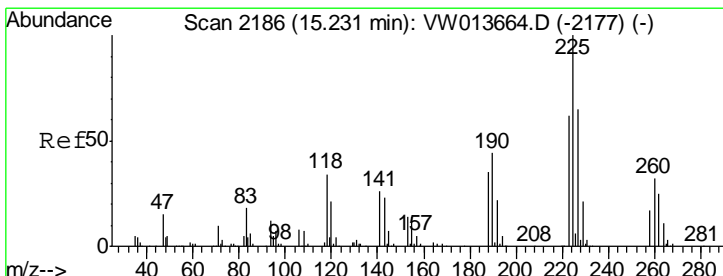
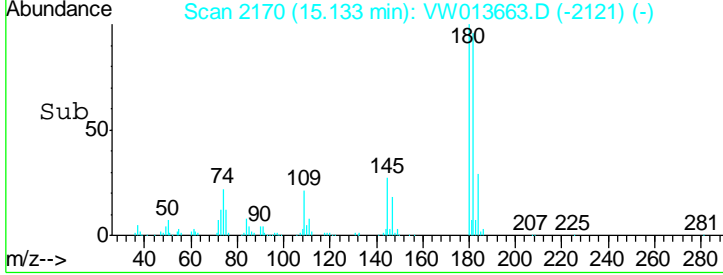
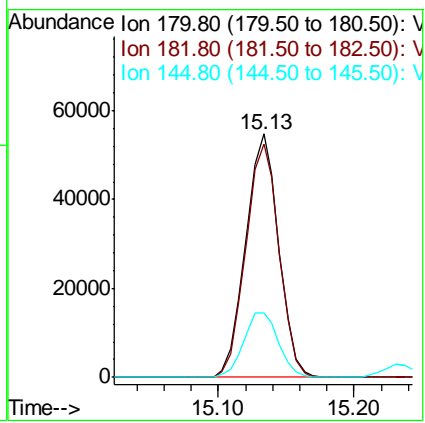
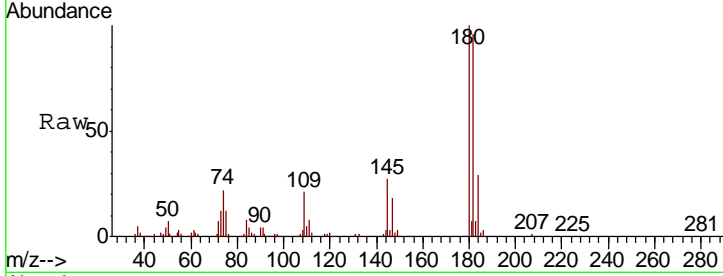


#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.934 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

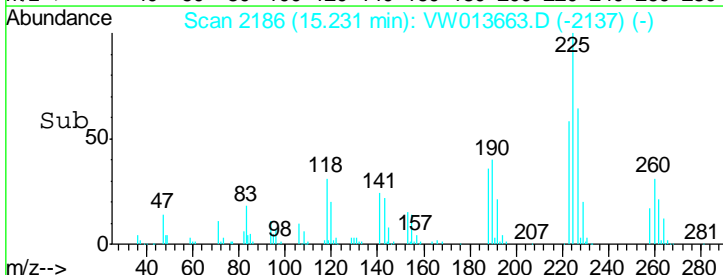
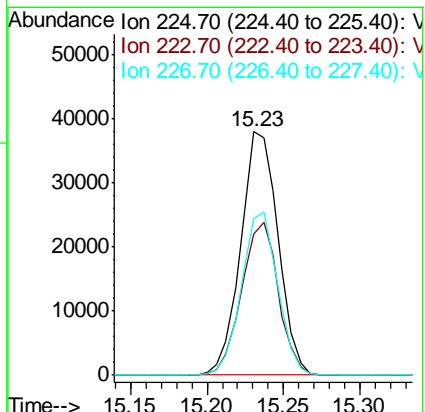
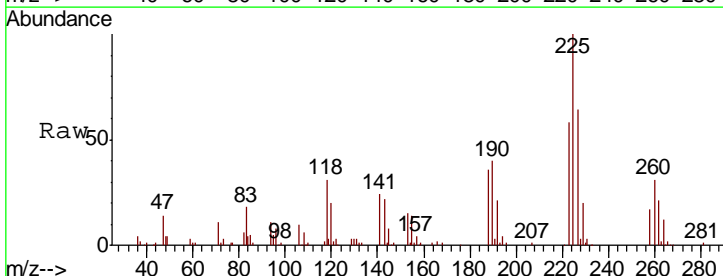
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 180     | 100  |       |       |
| 182     | 96.6 | 47.4  | 142.2 |
| 145     | 27.8 | 14.1  | 42.3  |

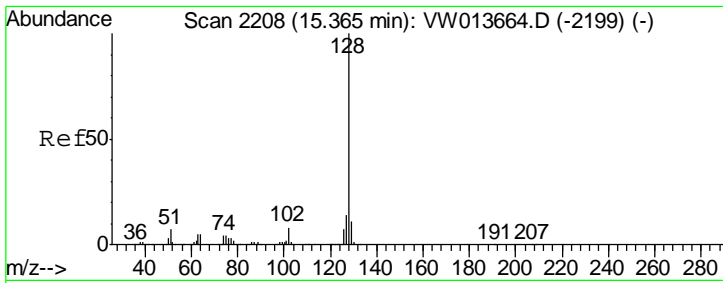
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#94  
 Hexachlorobutadiene  
 Concen: 21.865 ug/l  
 RT: 15.23 min Scan# 2186  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 225     | 100  |       |       |
| 223     | 61.5 | 31.9  | 95.9  |
| 227     | 65.0 | 32.5  | 97.4  |



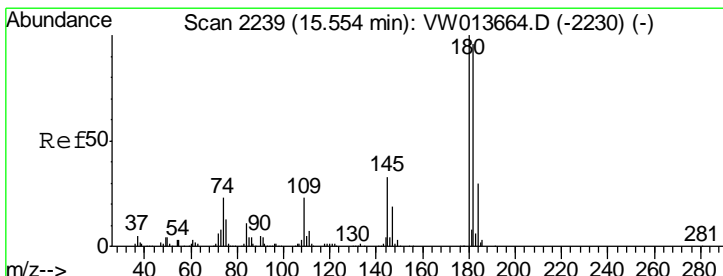
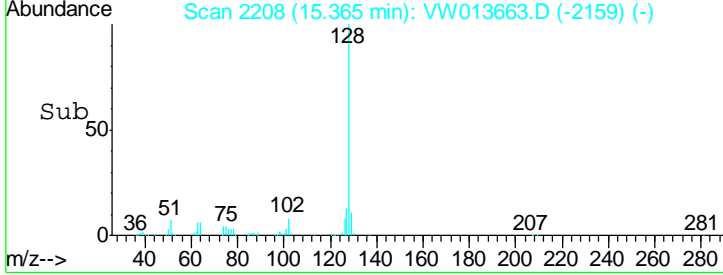
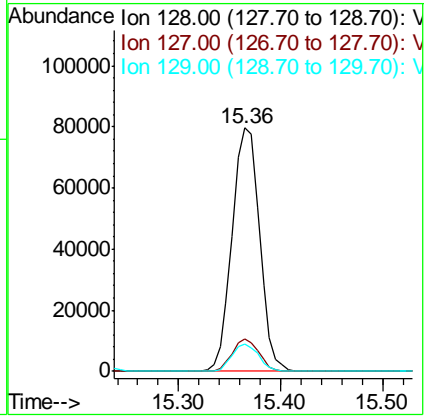
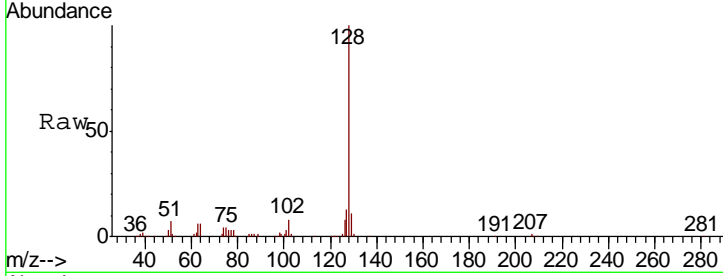


#95  
 Naphthalene  
 Concen: 19.522 ug/l  
 RT: 15.36 min Scan# 2208  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC020

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 128     | 148221 |       |       |
| 127     | 12.9   | 10.6  | 15.8  |
| 129     | 11.0   | 8.7   | 13.1  |

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#96  
 1,2,3-Trichlorobenzene  
 Concen: 20.705 ug/l  
 RT: 15.55 min Scan# 2239  
 Delta R.T. -0.00 min  
 Lab File: VW013663.D  
 Acq: 23 Oct 2019 12:16

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 80413 |       |       |
| 182     | 96.1  | 47.4  | 142.3 |
| 145     | 28.6  | 14.9  | 44.9  |

