

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\  
 Data File : VW016191.D  
 Acq On : 14 Aug 2020 14:49  
 Operator : SY/VA  
 Sample : VW0814SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0814SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 8/17/2020 5:46:38 PM

Quant Time: Aug 17 08:35:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081420S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 17 08:01:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 280603   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 453375   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 418507   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 193588   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.30   | 65  | 132775   | 48.52 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.04%  |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 137883   | 49.29 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.58%  |      |
| 50) Toluene-d8            | 10.32  | 98  | 550858   | 50.87 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.74% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 197581   | 51.05 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.10% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 35655  | 18.685  | ug/l   | 99     |
| 3) Chloromethane              | 2.21 | 50  | 39144  | 19.267  | ug/l   | 92     |
| 4) Vinyl Chloride             | 2.36 | 62  | 52821  | 18.575  | ug/l   | 99     |
| 5) Bromomethane               | 2.78 | 94  | 34853  | 19.712  | ug/l   | 92     |
| 6) Chloroethane               | 2.92 | 64  | 31518  | 19.626  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 41495  | 18.024  | ug/l   | 93     |
| 8) Diethyl Ether              | 3.68 | 74  | 28701  | 19.867  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 57353  | 18.999  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.26 | 142 | 80384  | 18.429  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 5.18 | 59  | 21641  | 148.596 | ug/l # | 94     |
| 12) 1,1-Dichloroethene        | 4.03 | 96  | 57511  | 18.721  | ug/l   | 96     |
| 13) Acrolein                  | 3.89 | 56  | 22260  | 105.811 | ug/l   | 99     |
| 14) Allyl chloride            | 4.67 | 41  | 78496  | 19.070  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.37 | 53  | 56758  | 104.266 | ug/l   | 100    |
| 16) Acetone                   | 4.12 | 43  | 52183  | 99.545  | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.37 | 76  | 169190 | 18.757  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.68 | 43  | 24694  | 20.229  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 77851  | 20.581  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.91 | 84  | 76863  | 20.709  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 63022  | 18.838  | ug/l   | 98     |
| 22) Diisopropyl ether         | 6.32 | 45  | 154504 | 19.911  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.26 | 43  | 450432 | 101.375 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.22 | 63  | 101604 | 18.760  | ug/l   | 99     |
| 25) 2-Butanone                | 7.17 | 43  | 72106  | 102.636 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 7.16 | 77  | 66471  | 19.000  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 67509  | 19.550  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 38276  | 18.628  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 44668  | 106.364 | ug/l   | 99     |
| 30) Chloroform                | 7.68 | 83  | 104514 | 18.573  | ug/l   | 97     |
| 31) Cyclohexane               | 7.95 | 56  | 96360  | 19.296  | ug/l # | 94     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 89329  | 18.895  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 86672  | 19.406  | ug/l   | 100    |
| 37) Ethyl Acetate             | 7.26 | 43  | 32597  | 21.287  | ug/l   | 100    |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 84387  | 18.933  | ug/l   | 94     |

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 Sample : VW0814SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VW0814SBS01

Manual Integrations  
 APPROVED

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 8/17/2020 5:46:38 PM

Quant Time: Aug 17 08:35:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081420S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 17 08:01:41 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 108168   | 20.106  | ug/l   | 98       |
| 40) Benzene                    | 8.32  | 78   | 241191   | 19.196  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.48  | 41   | 15989    | 18.295  | ug/l   | 90       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 64689    | 19.494  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 60140    | 20.875  | ug/l   | 99       |
| 44) Trichloroethene            | 9.10  | 130  | 66746    | 18.756  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 57682    | 19.475  | ug/l   | 100      |
| 46) Dibromomethane             | 9.46  | 93   | 30491    | 19.609  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 74797    | 18.618  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 27921    | 20.847  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 8836     | 451.269 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 154464   | 106.008 | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 159975   | 19.883  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 72684    | 19.539  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 90411    | 19.556  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 43729    | 19.599  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 51208    | 20.126  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 74642    | 19.663  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 116147   | 100.120 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.97 | 43   | 105266   | 105.602 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 50946    | 19.194  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 42033    | 19.570  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.86 | 164  | 52118    | 18.979  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.66 | 112  | 166130   | 19.367  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 56634    | 18.889  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 298985   | 19.394  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.84 | 106  | 231069   | 38.995  | ug/l   | 100      |
| 69) o-Xylene                   | 12.17 | 106  | 103325   | 19.572  | ug/l   | 96       |
| 70) Styrene                    | 12.18 | 104  | 177918   | 19.476  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 25772    | 19.206  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.47 | 105  | 291666   | 19.771  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 55054    | 20.839  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 49292    | 19.969  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 34780m   | 19.535  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 63181    | 19.363  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.80 | 91   | 350523   | 19.907  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 202068   | 19.866  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 255083   | 20.143  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 14727    | 19.841  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 212542   | 20.071  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 207185   | 19.963  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 252911   | 20.183  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 305331   | 20.242  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 277283   | 20.324  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 129703   | 19.849  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 122422   | 19.026  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.82 | 91   | 257618   | 20.411  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.09 | 117  | 48169    | 18.919  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 111228   | 19.524  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 8170     | 21.531  | ug/l   | 92       |

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Data File : VW016191.D  
Acq On : 14 Aug 2020 14:49  
Operator : SY/VA  
Sample : VW0814SBSD01  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBSD01

Manual Integrations  
APPROVED

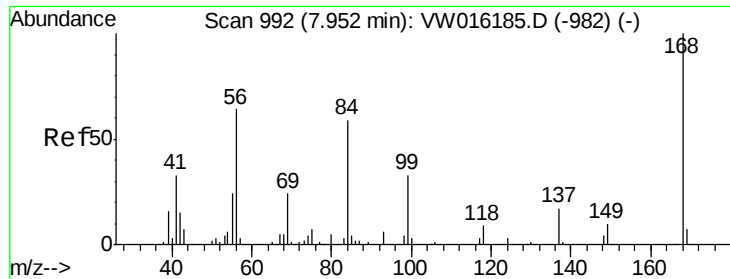
MMDadoda  
8/17/2020 5:46:38 PM

Quant Time: Aug 17 08:35:41 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081420S.M  
Quant Title : SW846 8260  
QLast Update : Mon Aug 17 08:01:41 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 68993    | 20.308 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 39575    | 19.593 | ug/l  | 98       |
| 95) Naphthalene            | 15.36 | 128  | 123958   | 19.734 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.55 | 180  | 60059    | 20.585 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Tot Ion: 168 Resp: 280603

Ion Ratio Lower Upper

168 100

99 62.1 48.3 72.5

Instrument :

MSVOA\_W

ClientSampleId :

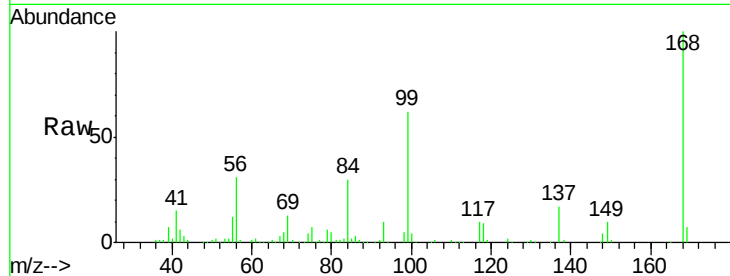
VW0814SBSD01

Manual Integrations

APPROVED

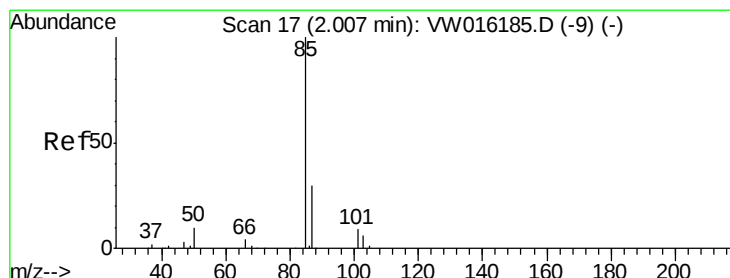
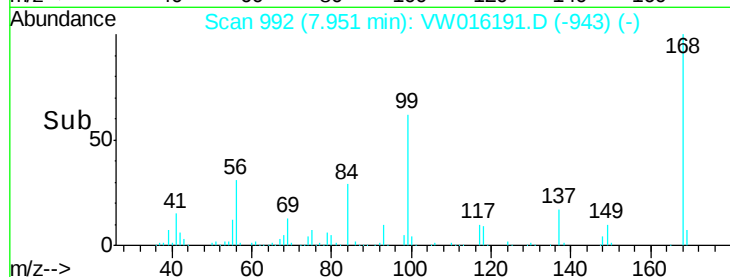
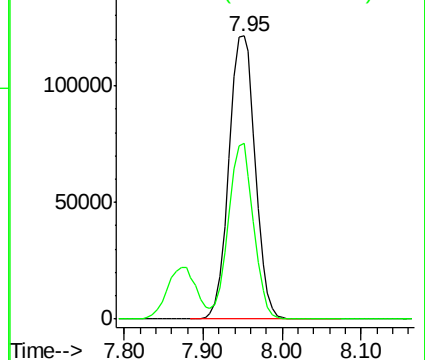
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.685 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW016191.D

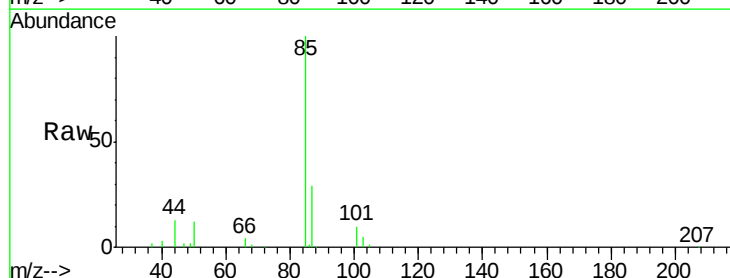
Acq: 14 Aug 2020 14:49

Tgt Ion: 85 Resp: 35655

Ion Ratio Lower Upper

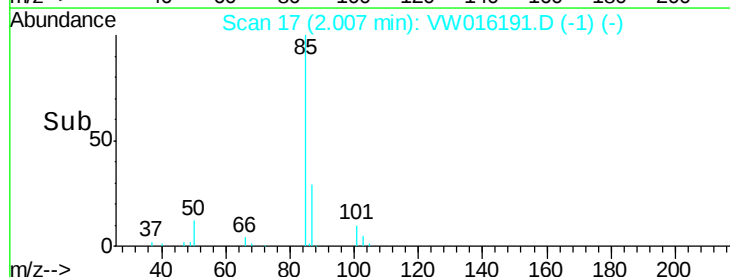
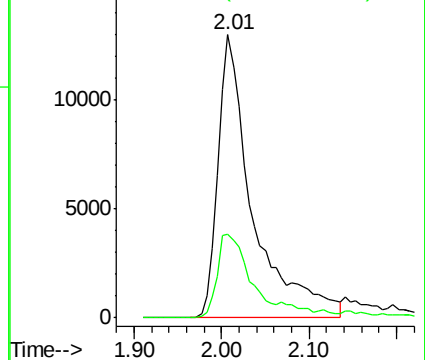
85 100

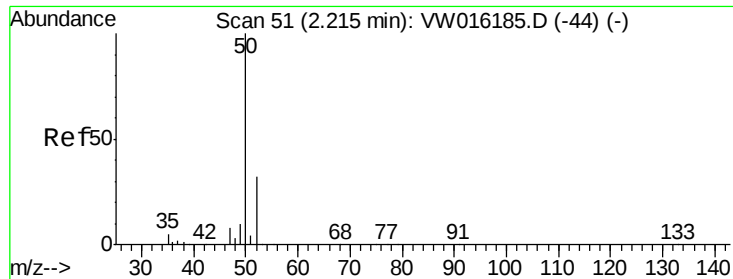
87 29.4 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.267 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

ClientSampleId :

VW0814SBSD01

Tot Ion: 50 Resp: 39144

Ion Ratio Lower Upper

50 100

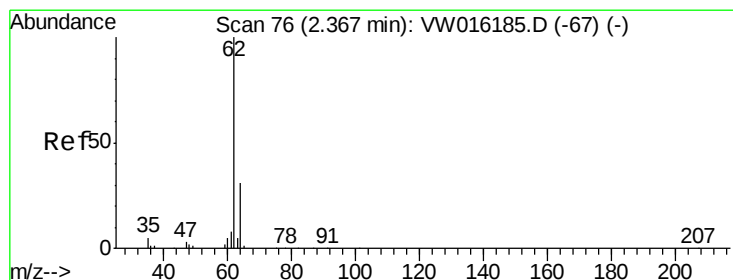
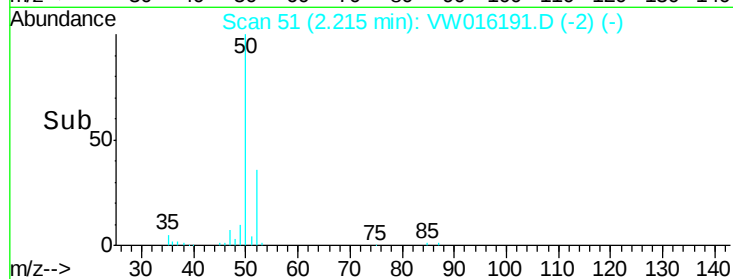
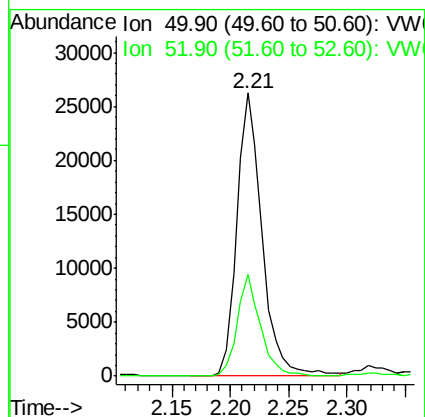
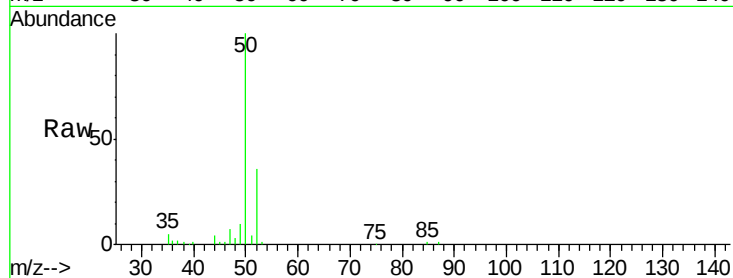
52 35.8 25.3 37.9

Manual Integrations

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8/17/2020 5:46:38 PM



#4

Vinyl Chloride

Concen: 18.575 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016191.D

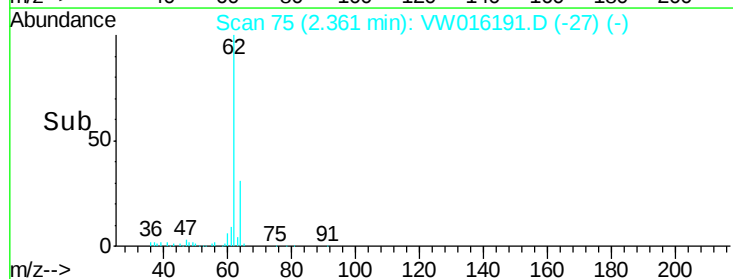
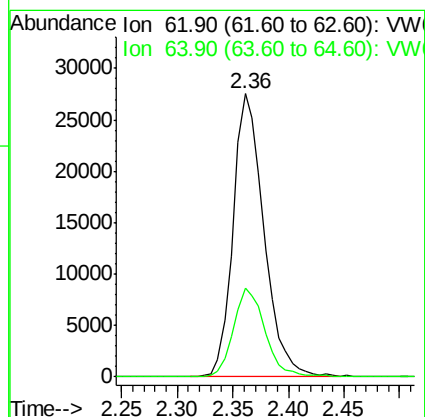
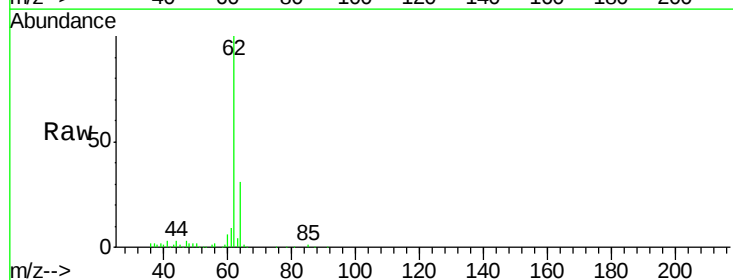
Acq: 14 Aug 2020 14:49

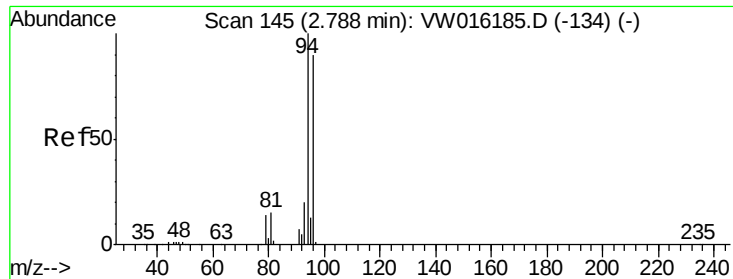
Tgt Ion: 62 Resp: 52821

Ion Ratio Lower Upper

62 100

64 31.2 24.5 36.7





#5

Bromomethane

Concen: 19.712 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

ClientSampleId :

VW0814SBS01

Tot Ion: 94 Resp: 34853

Ion Ratio Lower Upper

94 100

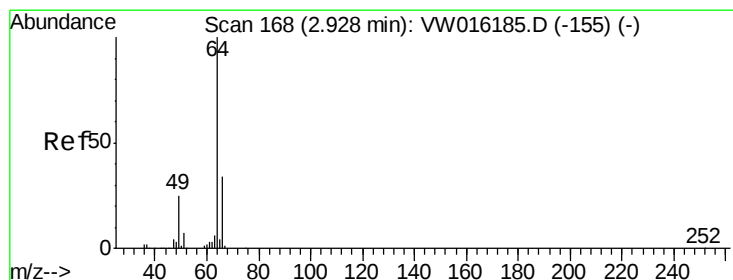
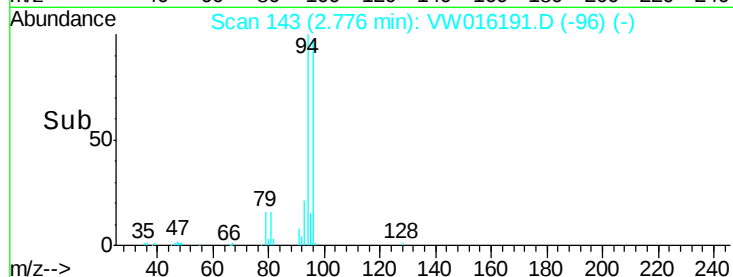
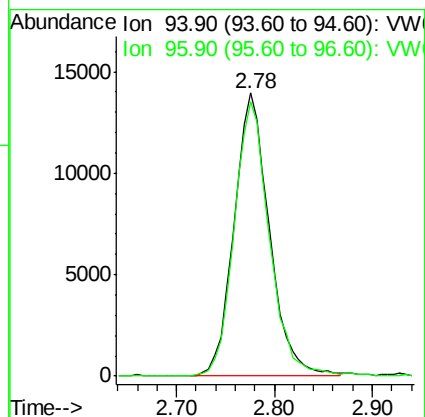
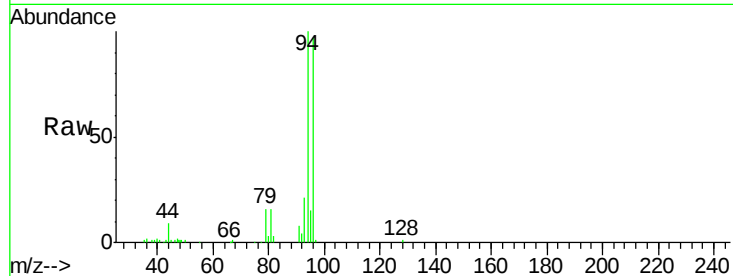
96 97.0 71.8 107.6

Manual Integrations

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8/17/2020 5:46:38 PM



#6

Chloroethane

Concen: 19.626 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016191.D

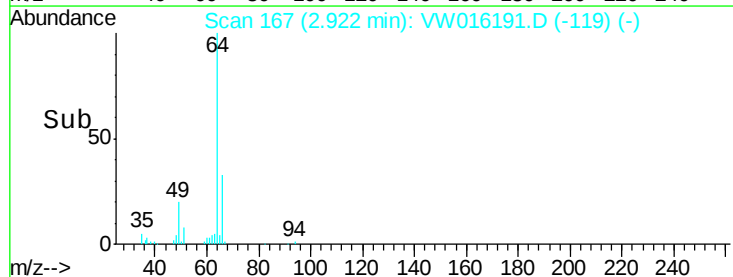
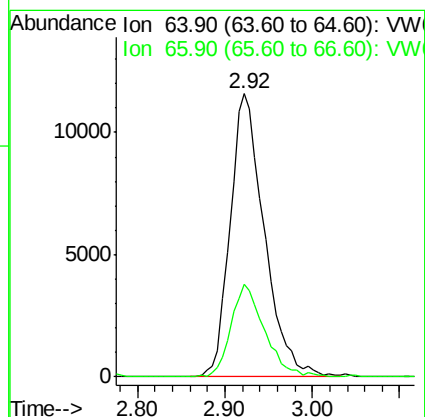
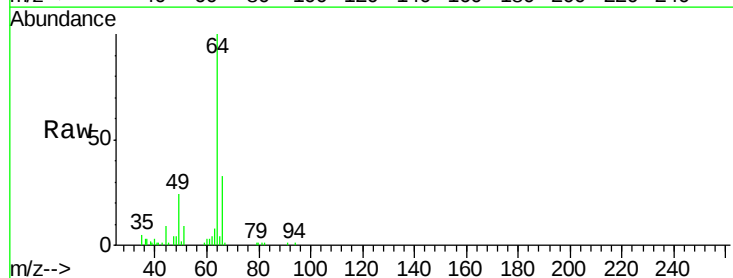
Acq: 14 Aug 2020 14:49

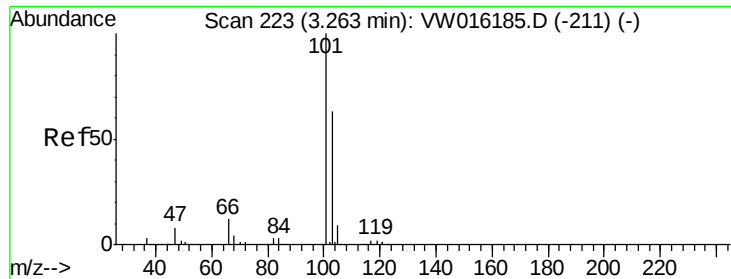
Tgt Ion: 64 Resp: 31518

Ion Ratio Lower Upper

64 100

66 32.9 26.9 40.3





#7

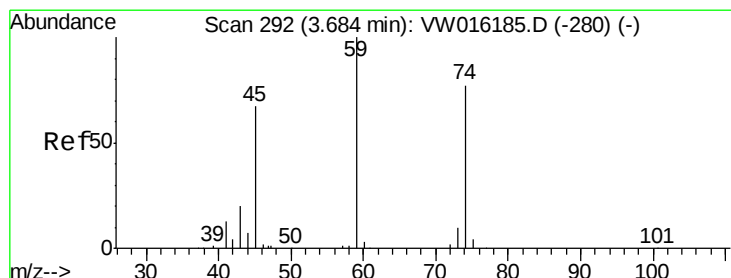
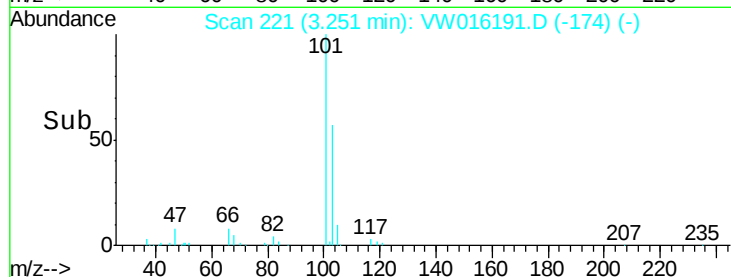
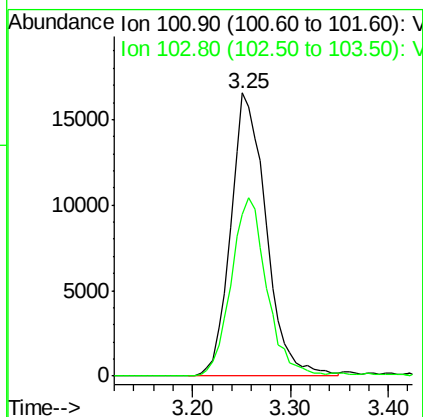
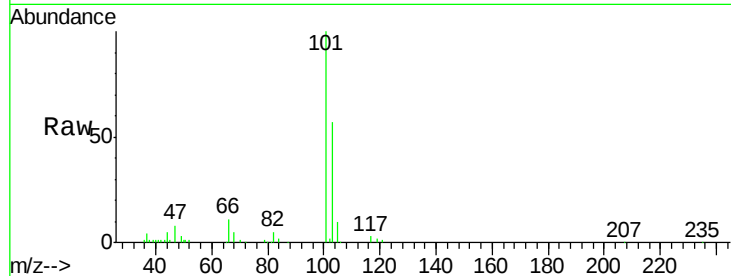
Trichlorofluoromethane  
 Concen: 18.024 ug/l  
 RT: 3.25 min Scan# 221  
 Delta R.T. -0.01 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0814SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 57.2  | 50.4  | 75.6  |

Manual Integrations  
 APPROVED

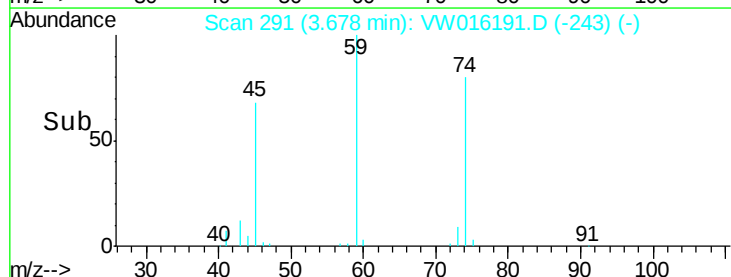
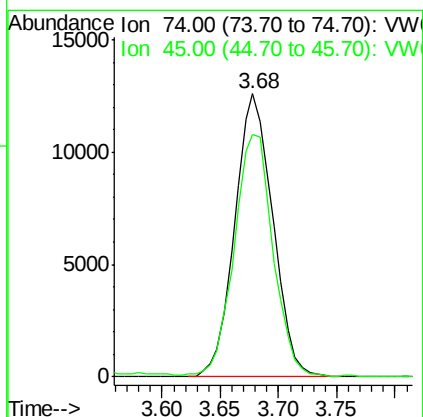
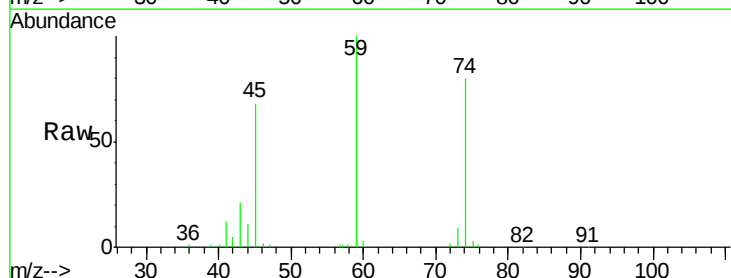
MMDadoda  
 8/17/2020 5:46:38 PM

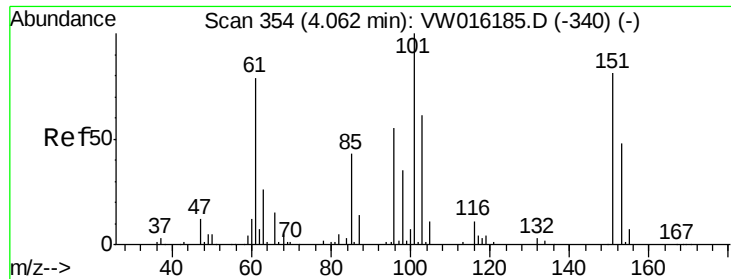


#8

Diethyl Ether  
 Concen: 19.867 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. -0.01 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 87.9  | 45.9  | 137.7 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.999 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

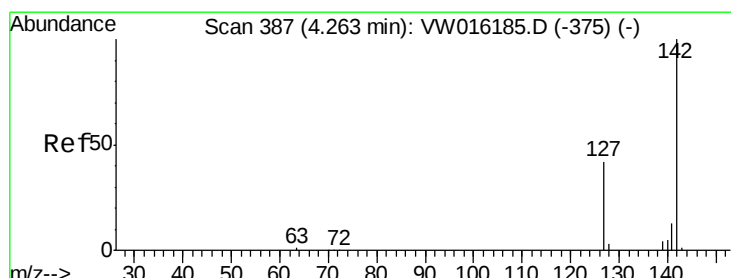
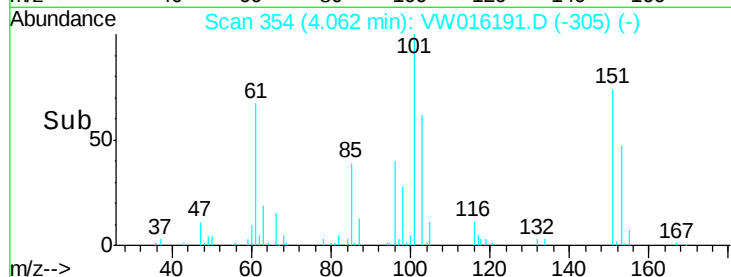
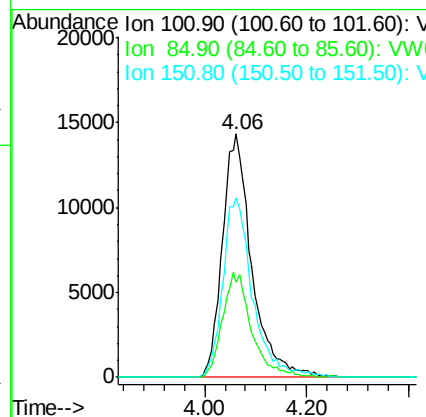
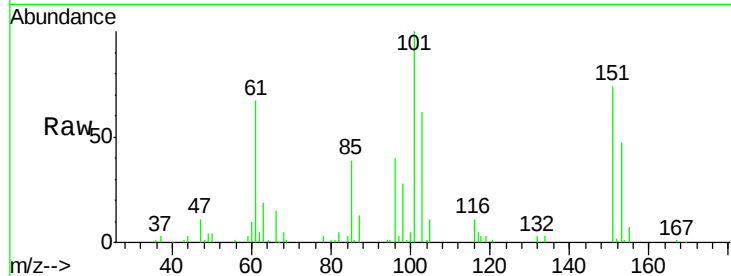
ClientSampleId :

VW0814SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 57353 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 41.8  | 33.3  | 49.9  |
| 151       | 74.7  | 61.1  | 91.7  |

Manual Integrations  
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MMDadoda  
8/17/2020 5:46:38 PM



#10

Methyl Iodide

Concen: 18.429 ug/l

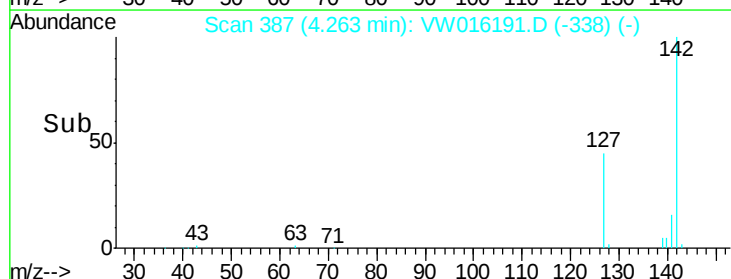
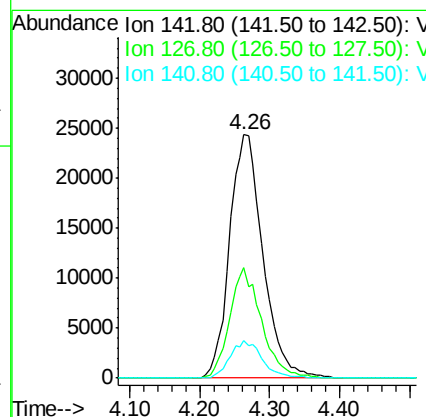
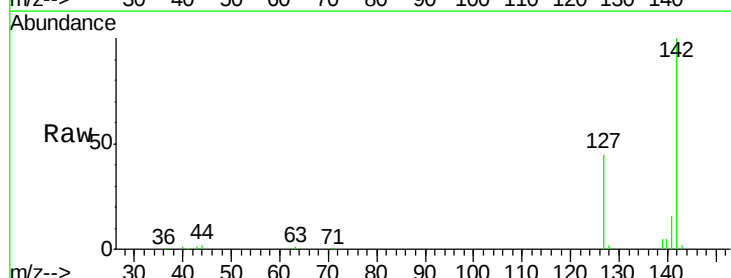
RT: 4.26 min Scan# 387

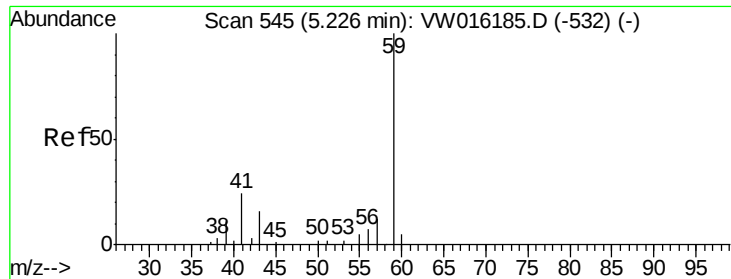
Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 80384 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.4  | 34.6  | 52.0  |
| 141       | 14.8  | 11.4  | 17.2  |





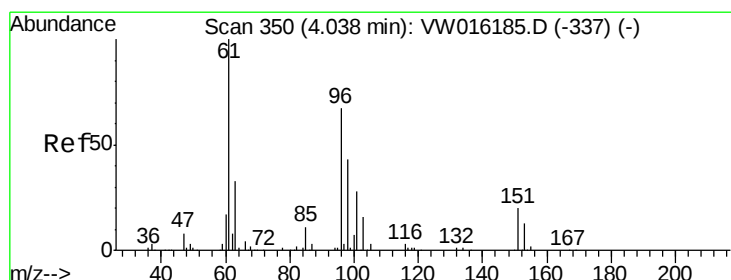
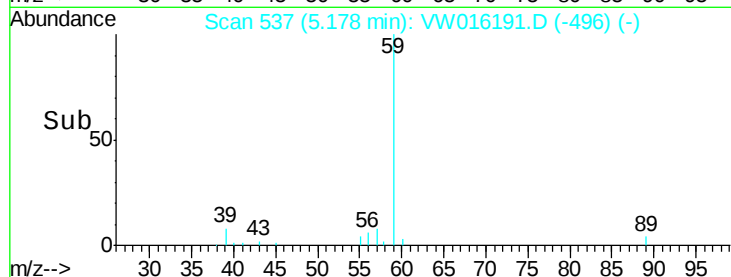
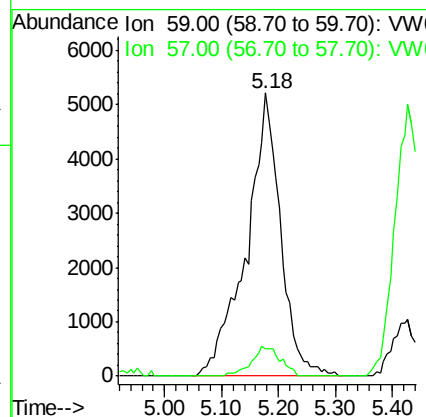
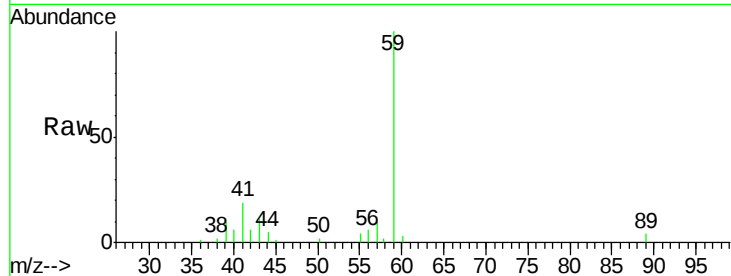
#11  
Tert butyl alcohol  
Concen: 148.596 ug/l  
RT: 5.18 min Scan# 537  
Delta R.T. -0.05 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 59      | 100   | 21641 |       |       |
| 57      | 8.9   | 9.0   | 13.6# |       |

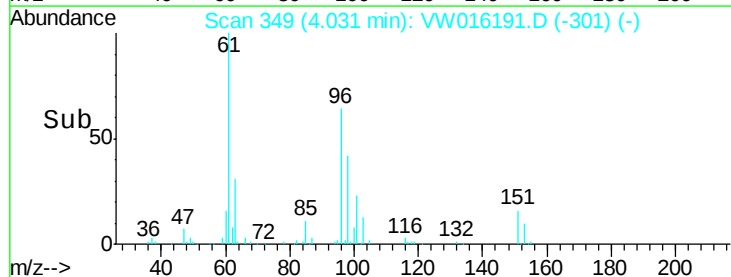
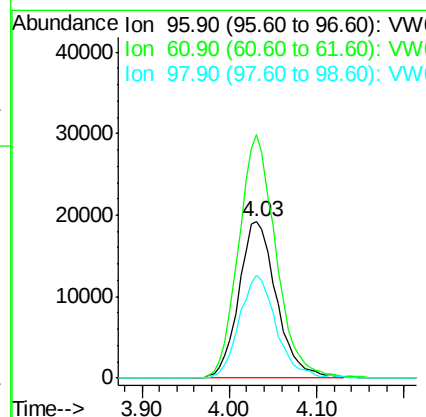
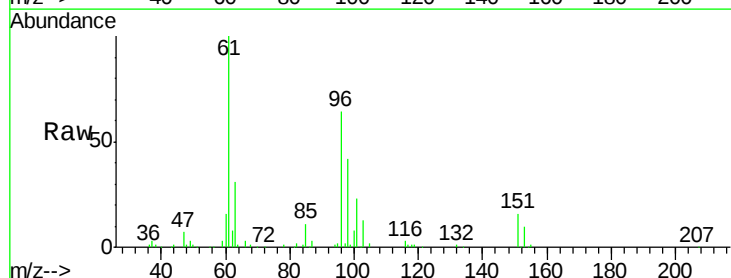
Manual Integrations  
APPROVED

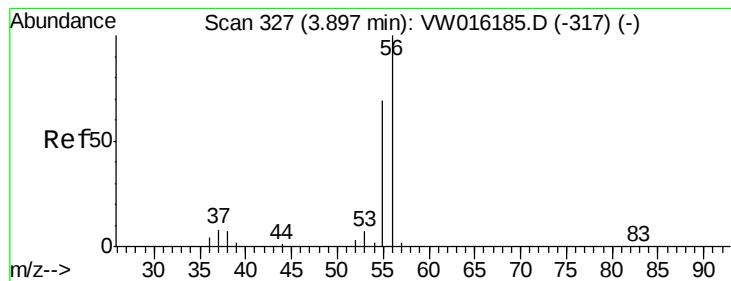
MMDadoda  
8/17/2020 5:46:38 PM



#12  
1,1-Dichloroethene  
Concen: 18.721 ug/l  
RT: 4.03 min Scan# 349  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 57511 |       |       |
| 61      | 155.6 | 119.5 | 179.3 |       |
| 98      | 66.0  | 51.3  | 76.9  |       |





#13

Acrolein

Concen: 105.811 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

ClientSampleId :

VW0814SBS01

Tot Ion: 56 Resp: 22260

Ion Ratio Lower Upper

56 100

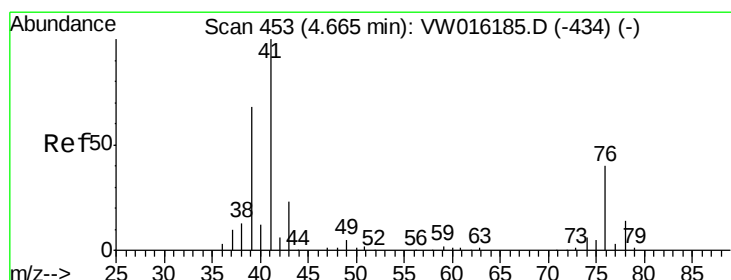
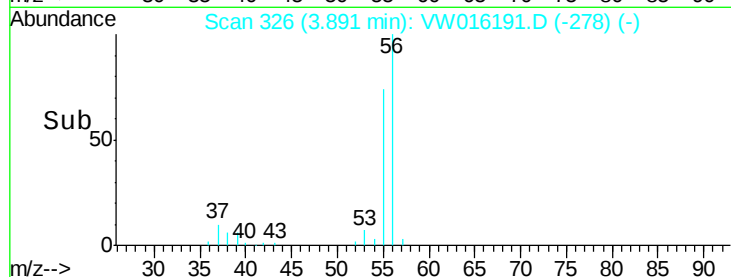
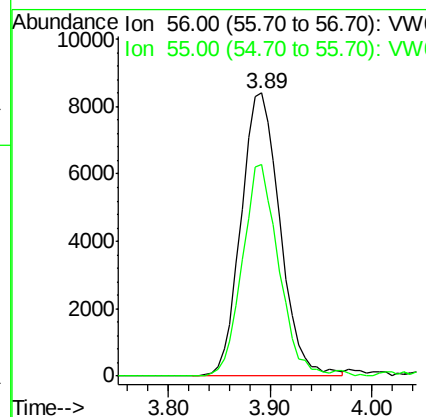
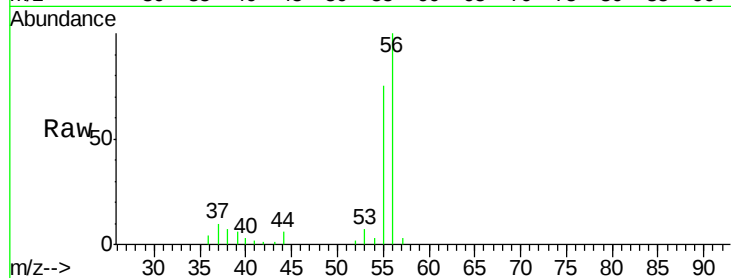
55 69.7 55.0 82.6

Manual Integrations

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8/17/2020 5:46:38 PM



#14

Allyl chloride

Concen: 19.070 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

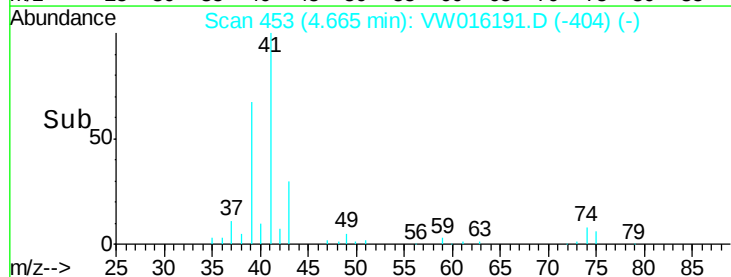
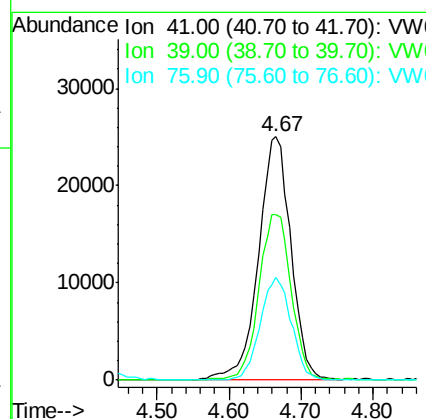
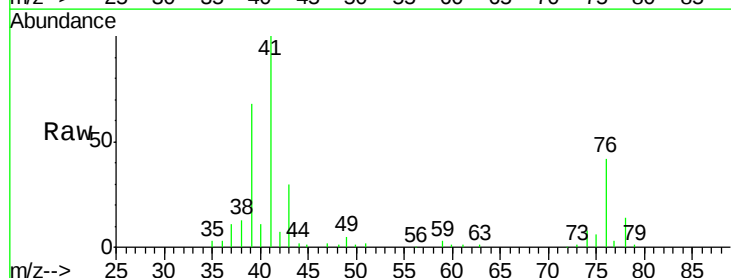
Tgt Ion: 41 Resp: 78496

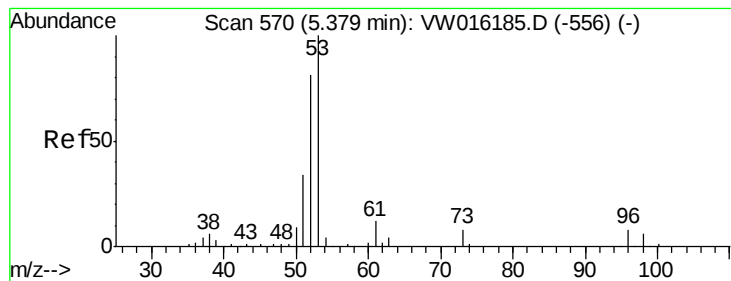
Ion Ratio Lower Upper

41 100

39 68.0 53.4 80.0

76 40.3 32.0 48.0





#15

Acrylonitrile

Concen: 104.266 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

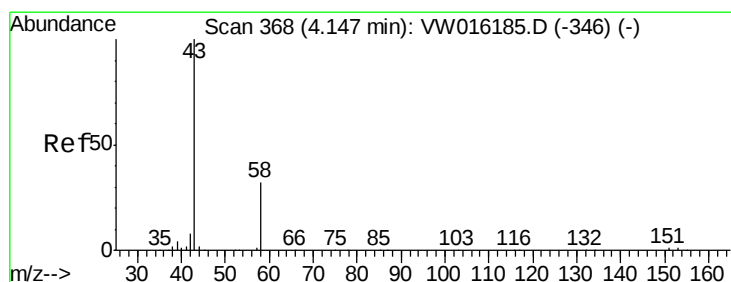
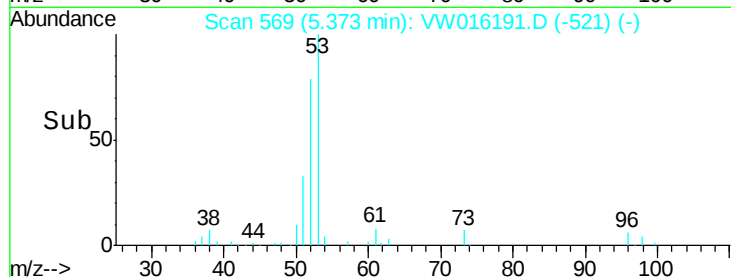
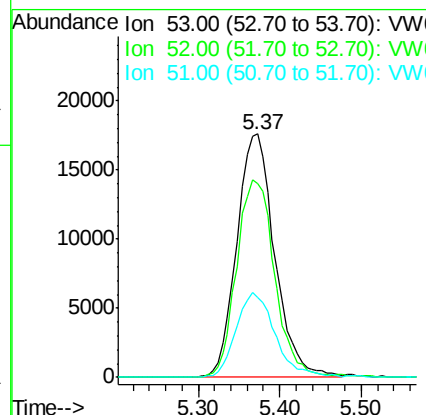
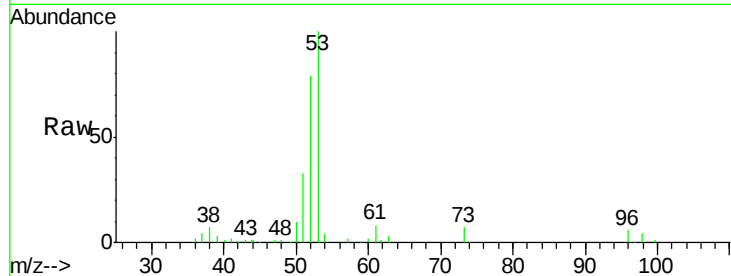
ClientSampleId :

VW0814SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 56758 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 81.2  | 65.3  | 97.9  |
| 51        | 35.9  | 29.0  | 43.4  |

Manual Integrations  
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8/17/2020 5:46:38 PM



#16

Acetone

Concen: 99.545 ug/l

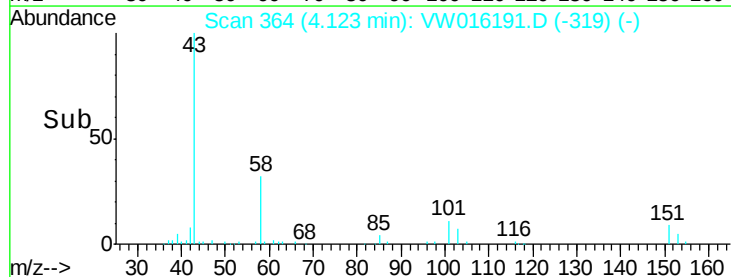
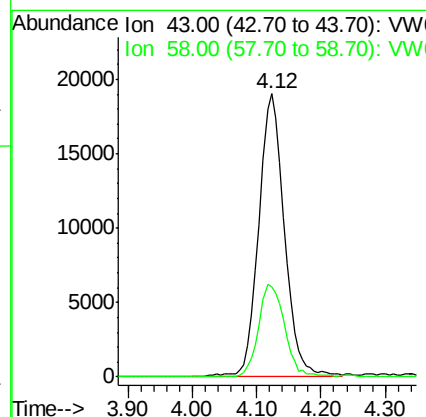
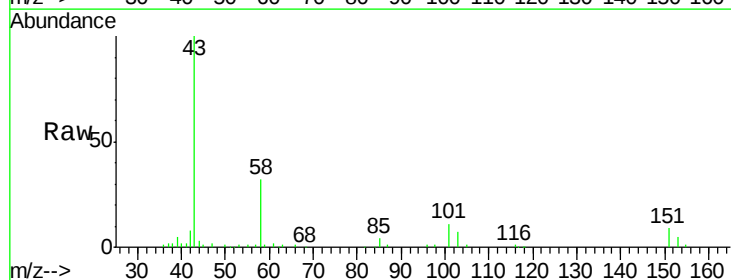
RT: 4.12 min Scan# 364

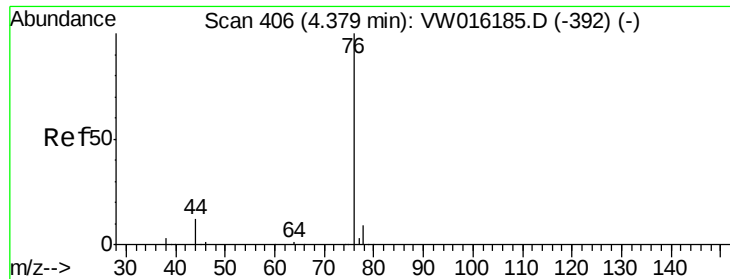
Delta R.T. -0.02 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 52183 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 31.9  | 25.8  | 38.6  |





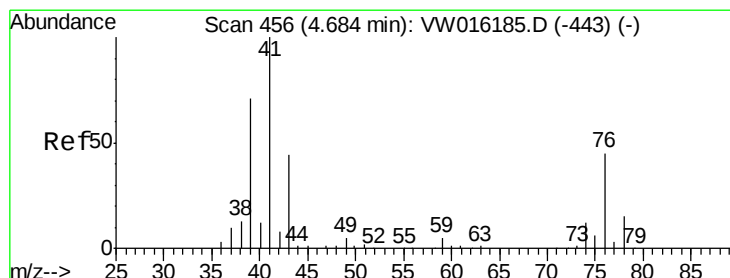
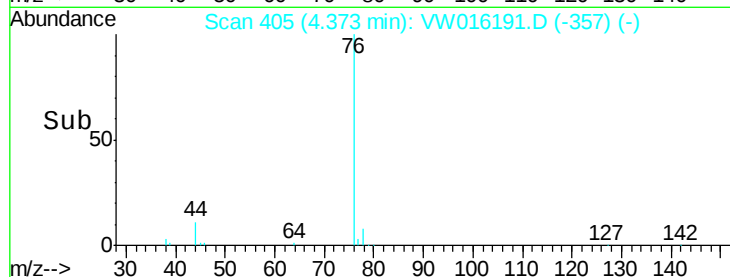
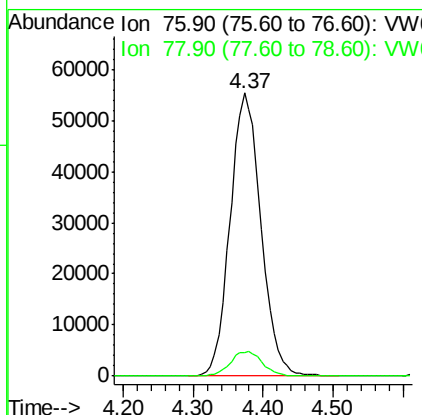
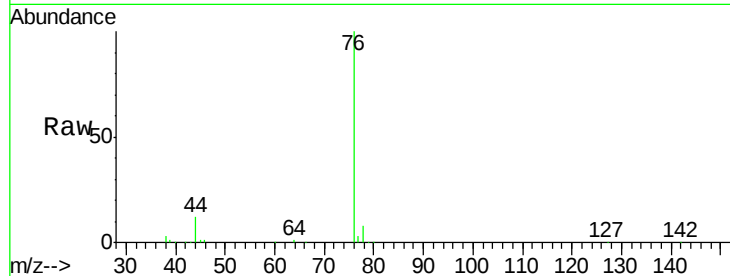
#17  
Carbon Disulfide  
Concen: 18.757 ug/l  
RT: 4.37 min Scan# 405  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBSD01

Tot Ion: 76 Resp: 169190  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.0 10.6

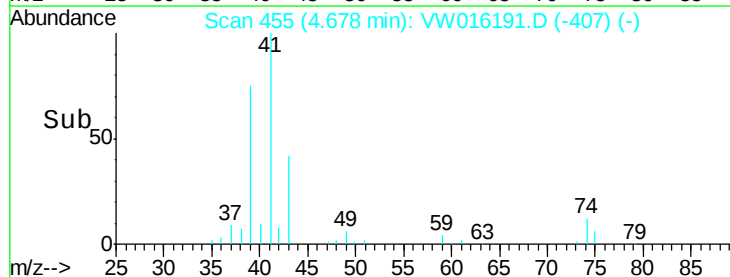
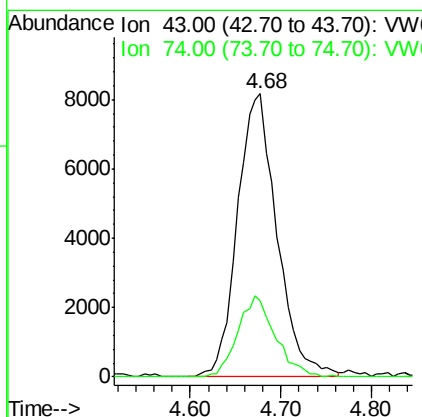
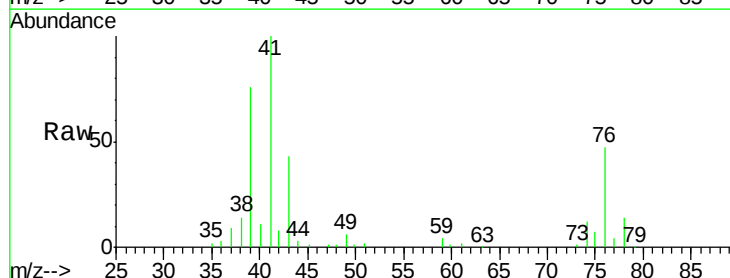
Manual Integrations  
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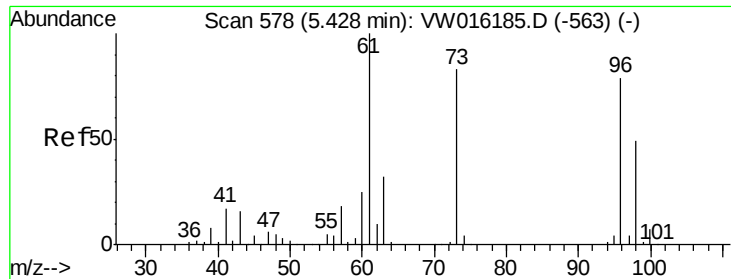
MMDadoda  
8/17/2020 5:46:38 PM



#18  
Methyl Acetate  
Concen: 20.229 ug/l  
RT: 4.68 min Scan# 455  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Tgt Ion: 43 Resp: 24694  
Ion Ratio Lower Upper  
43 100  
74 27.0 20.6 31.0





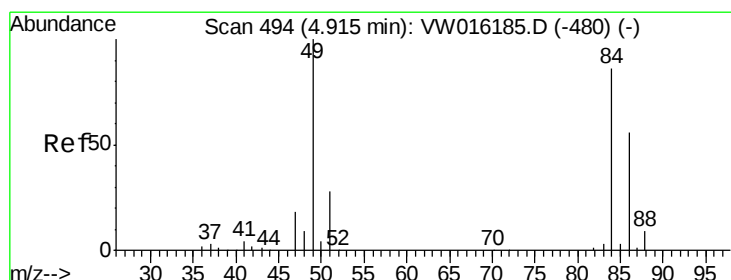
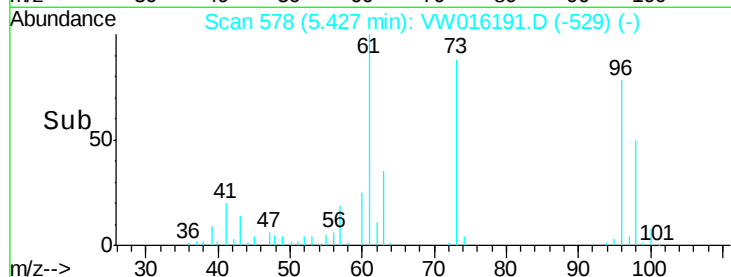
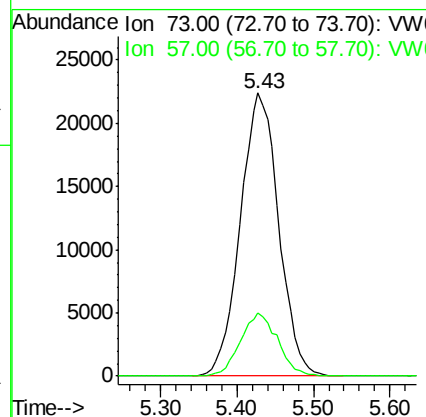
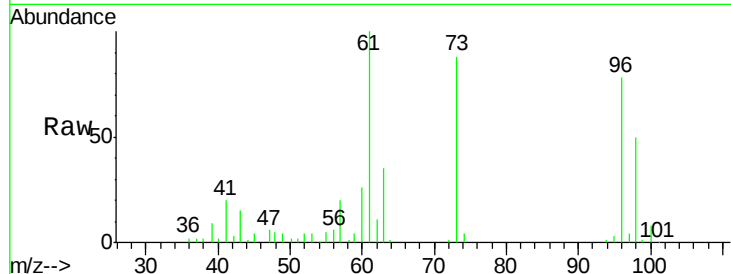
#19  
Methvl tert-butvl Ether  
Concen: 20.581 ug/l  
RT: 5.43 min Scan# 578  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBS01

Tot Ion: 73 Resp: 77851  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.2 25.8

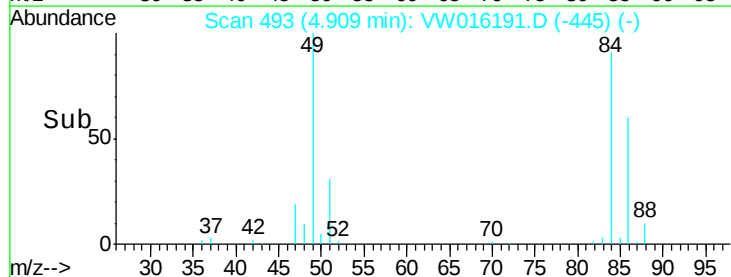
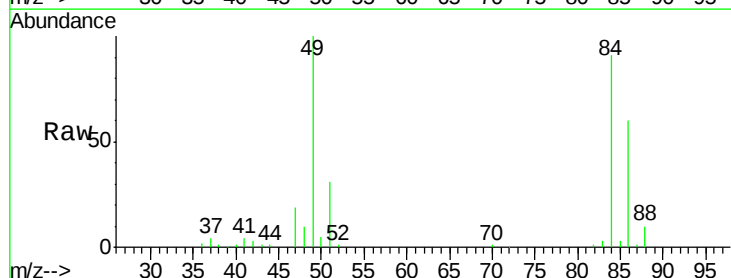
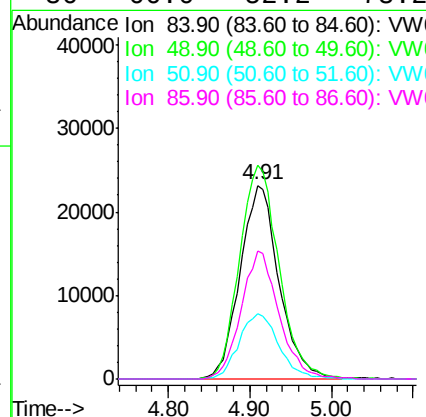
Manual Integrations  
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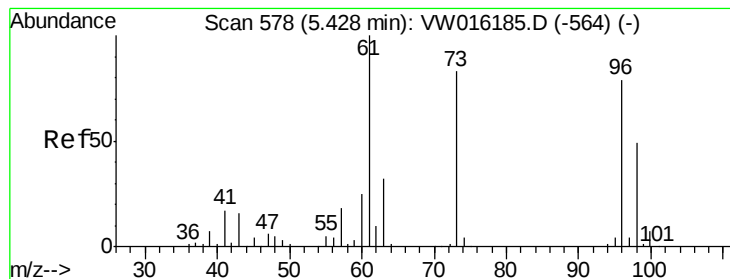
MMDadoda  
8/17/2020 5:46:38 PM



#20  
Methylene Chloride  
Concen: 20.709 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Tgt Ion: 84 Resp: 76863  
Ion Ratio Lower Upper  
84 100  
49 110.3 93.4 140.2  
51 33.9 26.6 40.0  
86 66.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.838 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

ClientSampleId :

VW0814SBS01

Tot Ion: 96 Resp: 63022

Ion Ratio Lower Upper

96 100

61 130.7 101.4 152.0

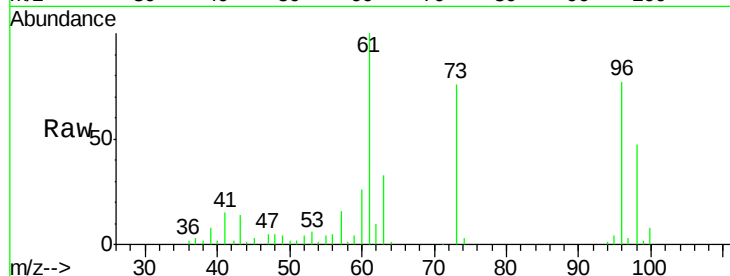
98 61.4 49.4 74.0

Manual Integrations

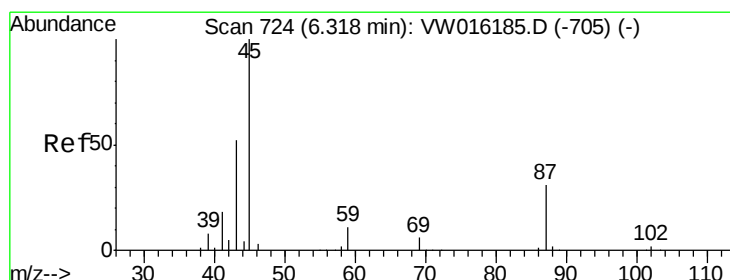
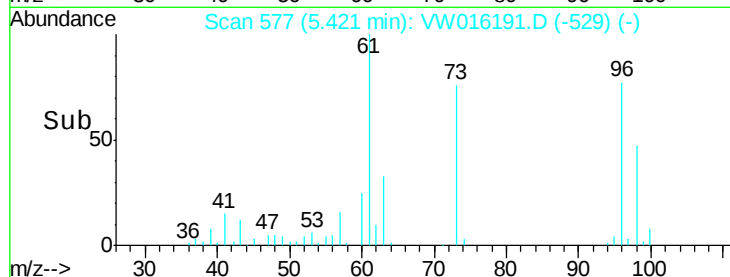
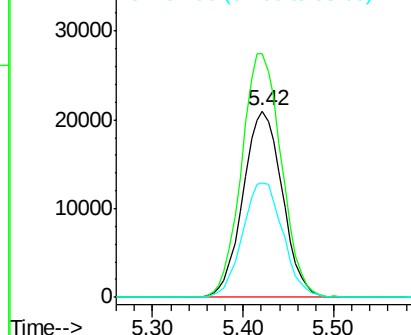
APPROVED

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8/17/2020 5:46:38 PM



Abundance Ion 95.90 (95.60 to 96.60): VW  
Ion 60.90 (60.60 to 61.60): VW  
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.911 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Tgt Ion: 45 Resp: 154504

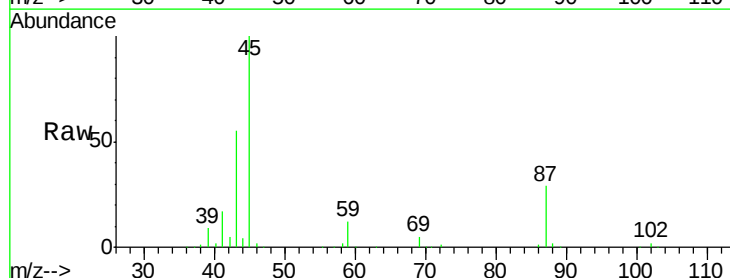
Ion Ratio Lower Upper

45 100

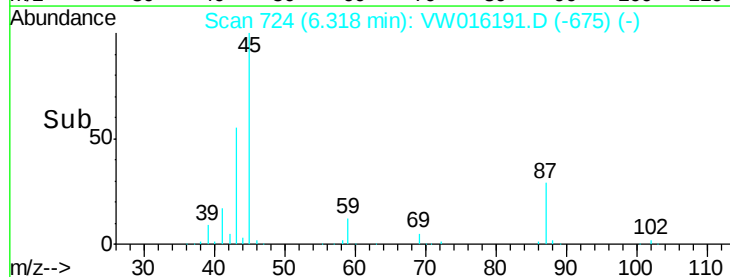
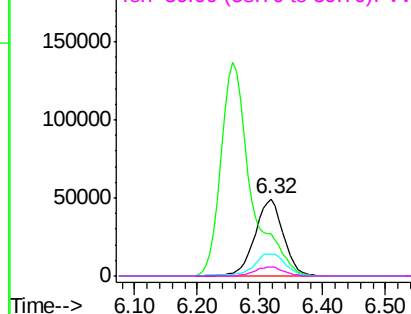
43 54.3 41.7 62.5

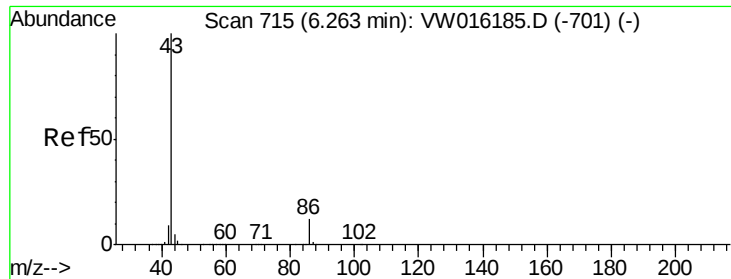
87 28.9 25.0 37.6

59 12.0 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VW  
Ion 43.00 (42.70 to 43.70): VW  
Ion 87.00 (86.70 to 87.70): VW  
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 101.375 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

ClientSampleId :

VW0814SBSD01

Tot Ion: 43 Resp: 450432

Ion Ratio Lower Upper

43 100

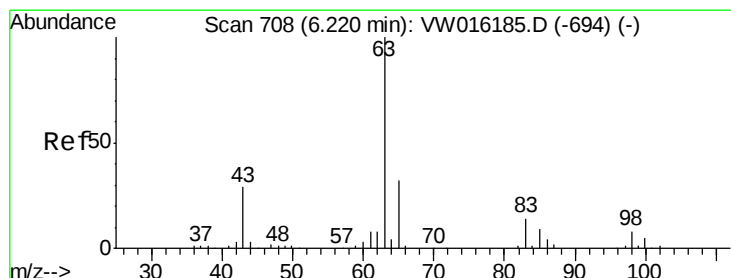
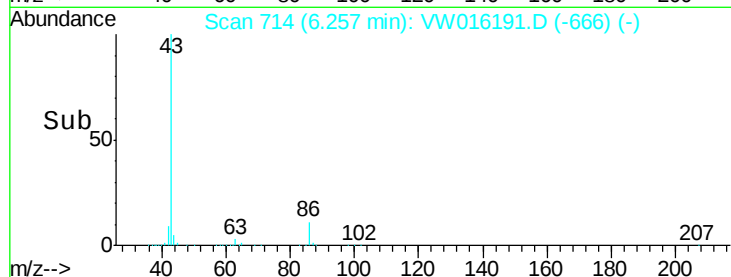
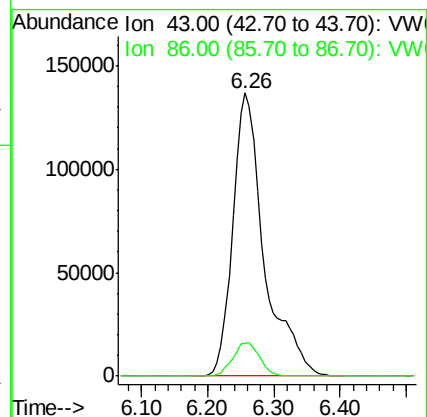
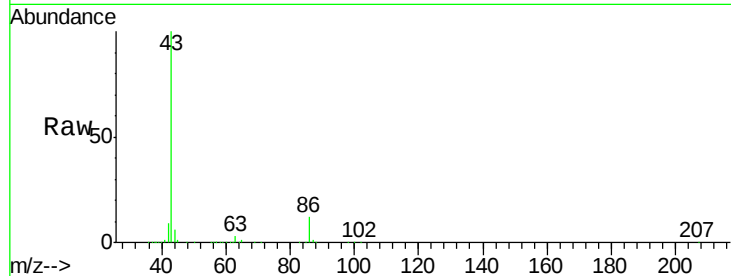
86 11.5 9.8 14.8

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 18.760 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

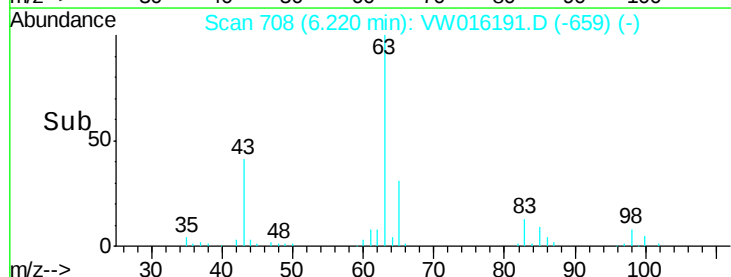
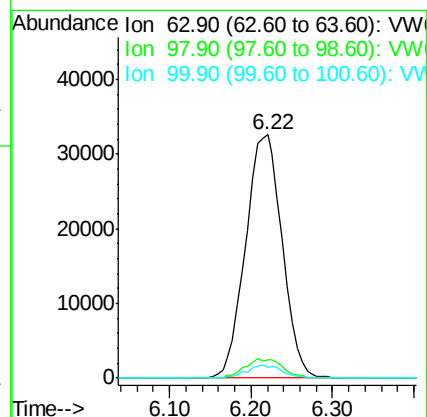
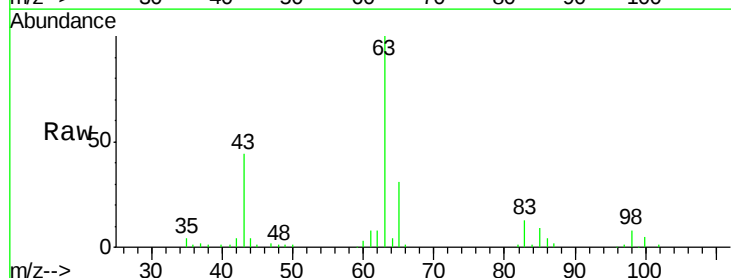
Tgt Ion: 63 Resp: 101604

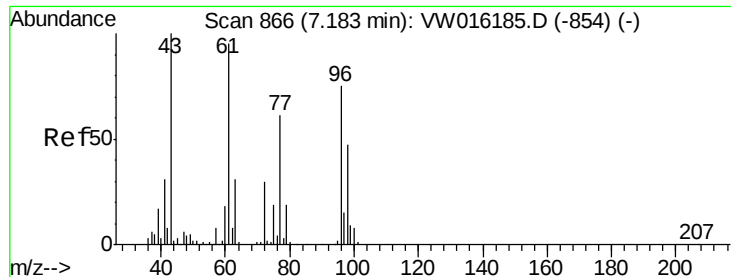
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.6 2.6 8.0





#25

2-Butanone

Concen: 102.636 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

ClientSampleId :

VW0814SBS01

Tot Ion: 43 Resp: 72106

Ion Ratio Lower Upper

43 100

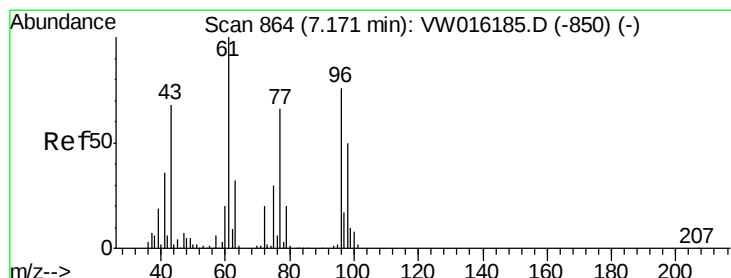
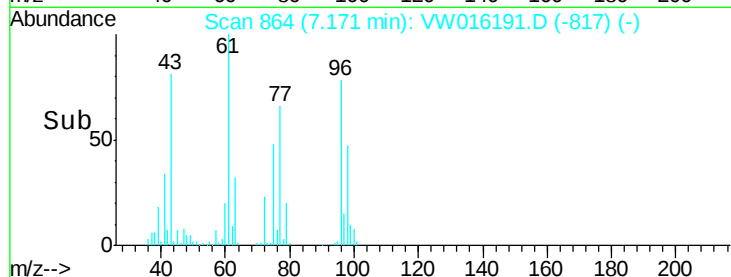
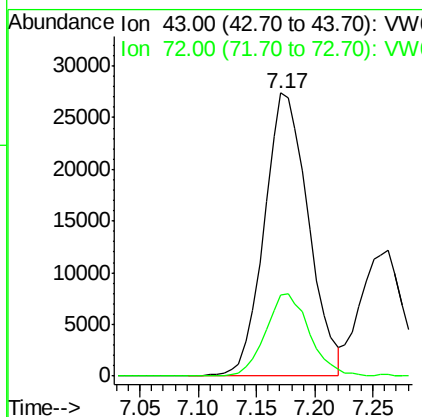
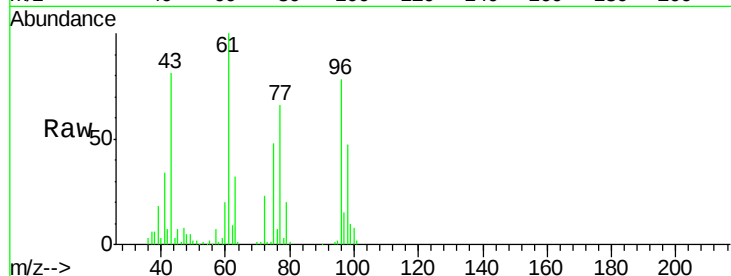
72 28.9 24.2 36.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.000 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016191.D

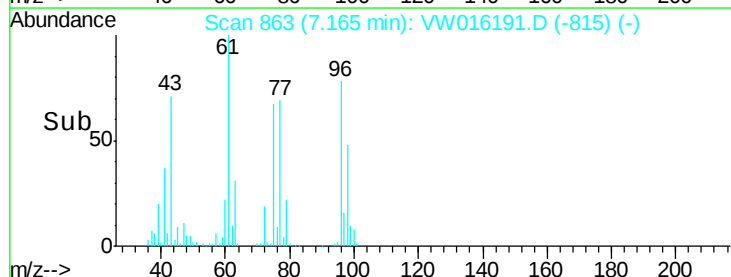
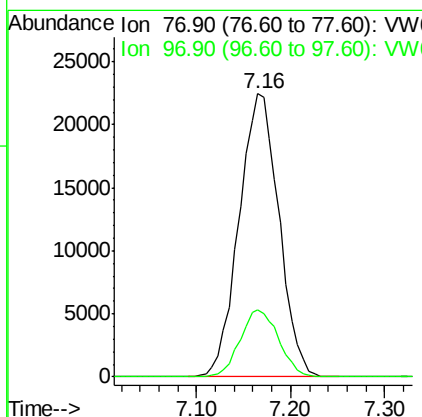
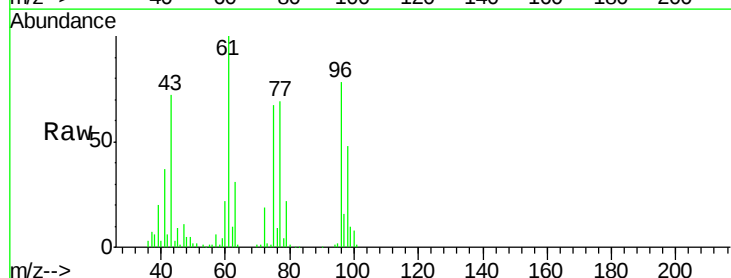
Acq: 14 Aug 2020 14:49

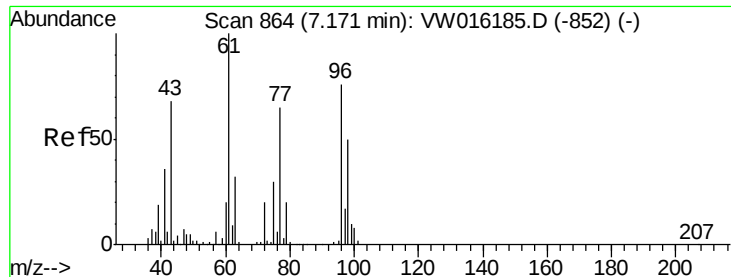
Tgt Ion: 77 Resp: 66471

Ion Ratio Lower Upper

77 100

97 22.8 12.1 36.3





#27

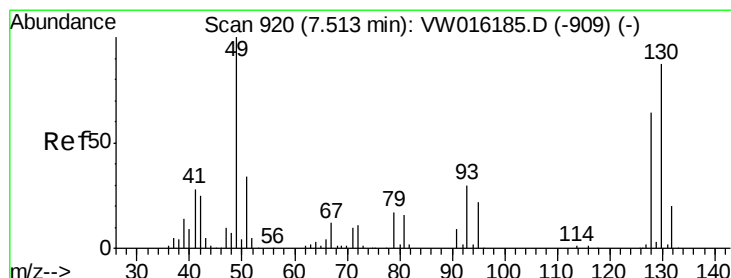
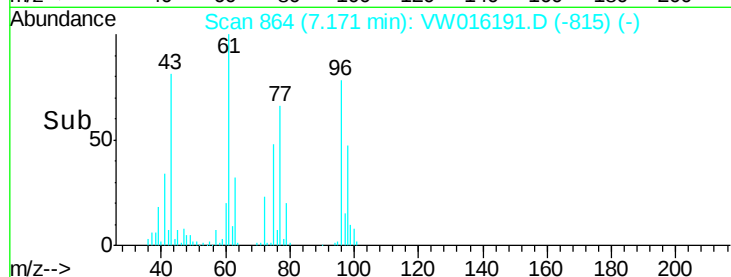
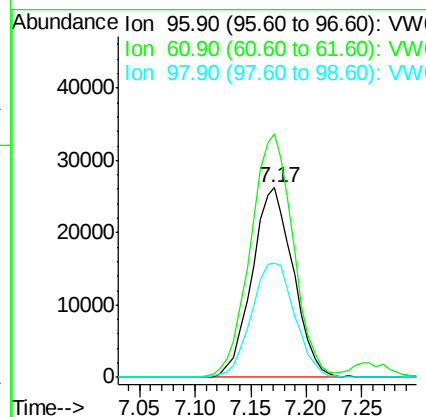
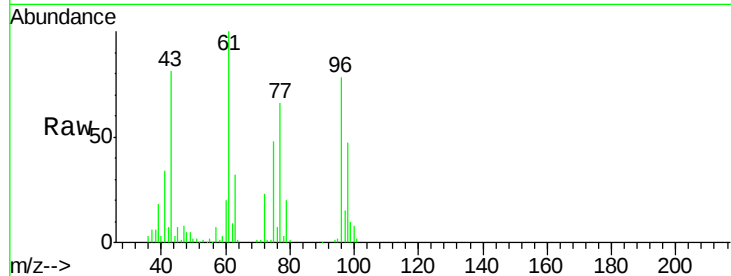
cis-1,2-Dichloroethene  
Concen: 19.550 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 133.1 | 0.0   | 267.0 |
| 98      | 63.5  | 0.0   | 129.6 |

Manual Integrations  
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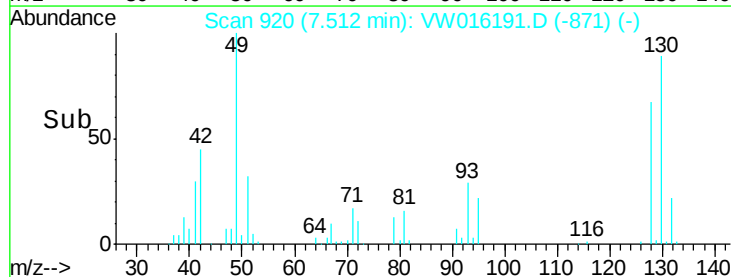
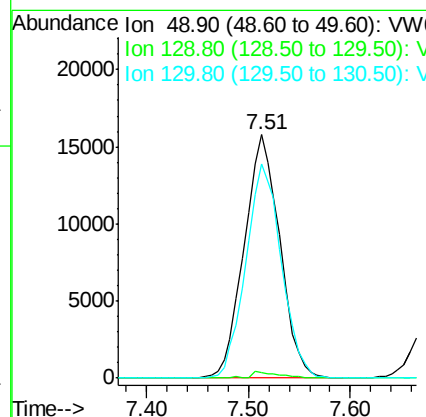
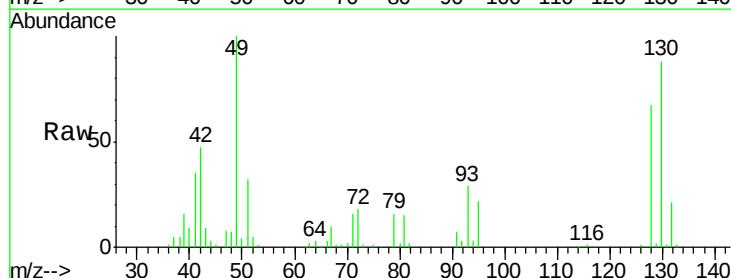
MMDadoda  
8/17/2020 5:46:38 PM

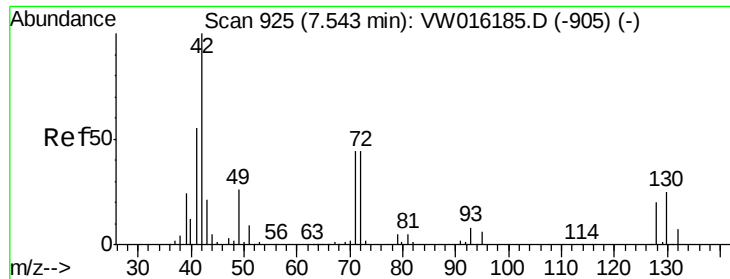


#28

Bromochloromethane  
Concen: 18.628 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.9   | 0.0   | 4.2   |
| 130     | 88.0  | 69.9  | 104.9 |





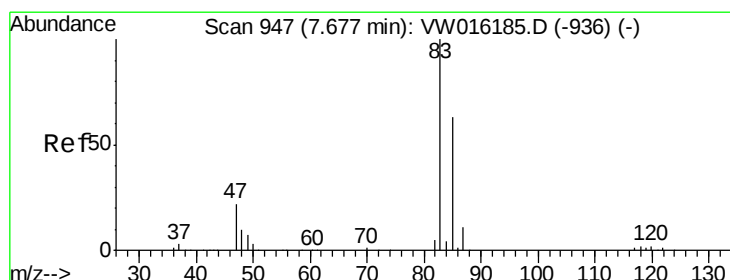
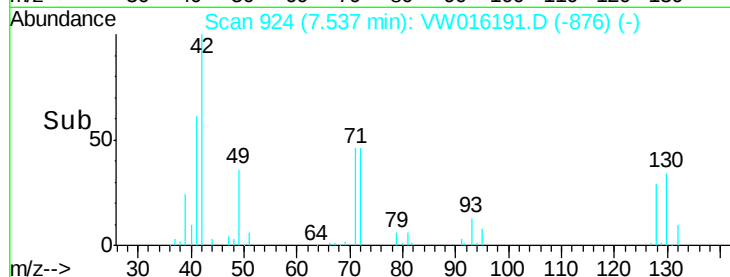
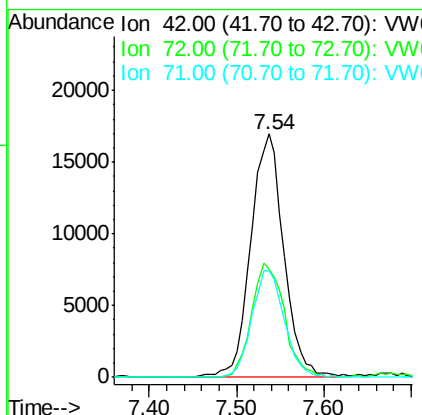
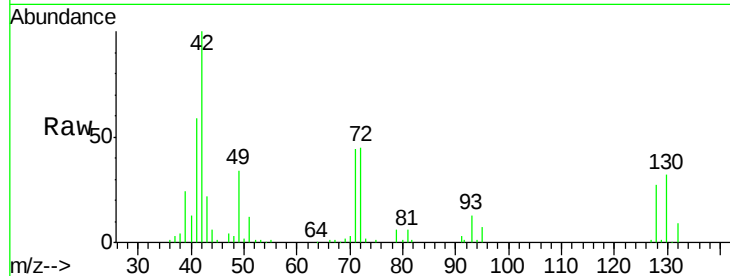
#29  
Tetrahydrofuran  
Concen: 106.364 ug/l  
RT: 7.54 min Scan# 924  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.7  | 37.4  | 56.2  |
| 71      | 43.2  | 35.6  | 53.4  |

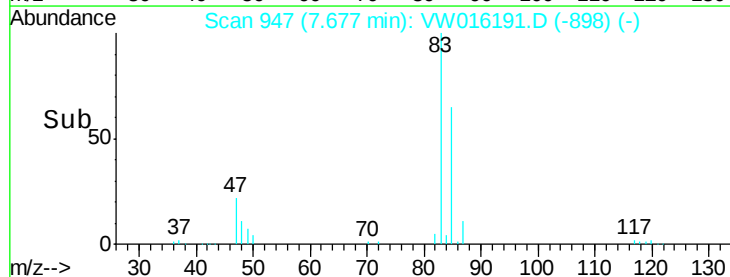
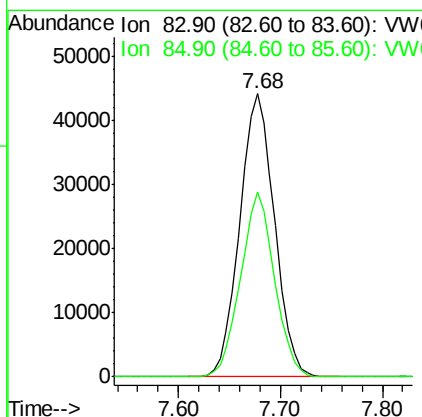
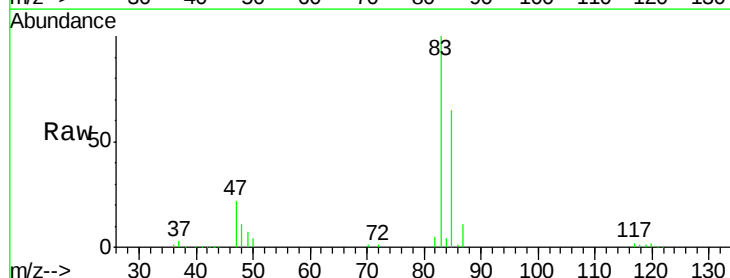
Manual Integrations  
APPROVED

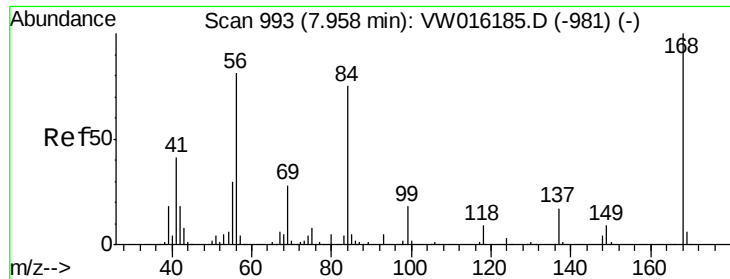
MMDadoda  
8/17/2020 5:46:38 PM



#30  
Chloroform  
Concen: 18.573 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.1  | 50.0  | 75.0  |





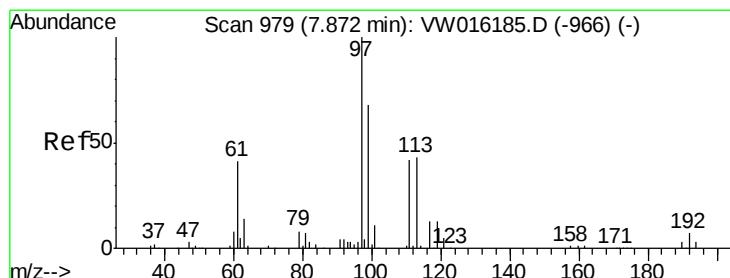
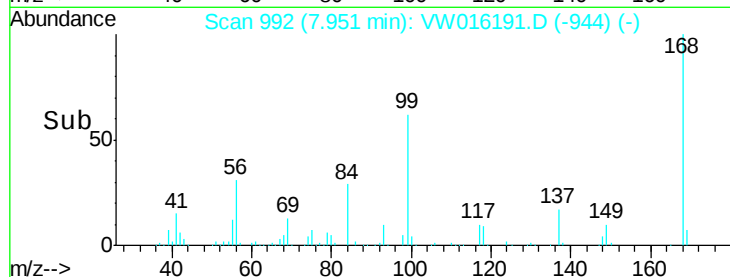
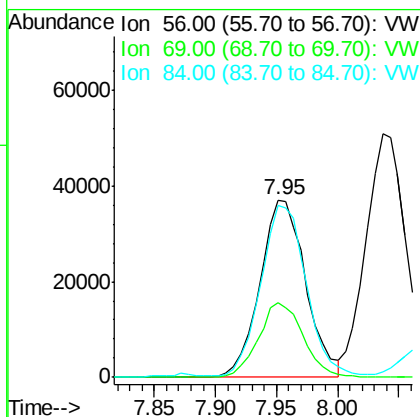
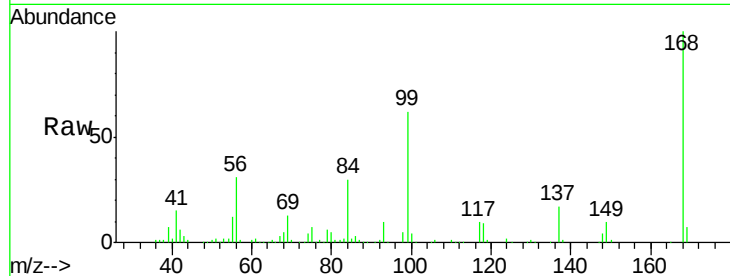
#31  
Cyclohexane  
Concen: 19.296 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 42.4  | 27.3  | 40.9# |
| 84      | 95.1  | 73.5  | 110.3 |

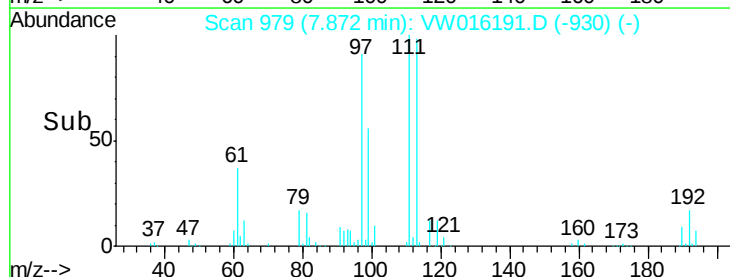
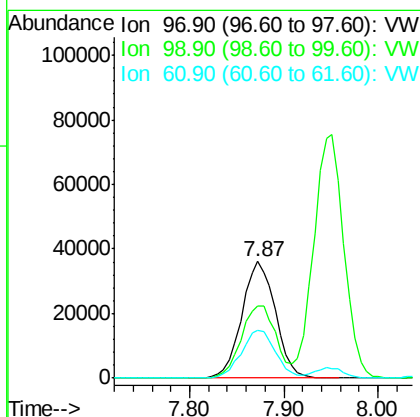
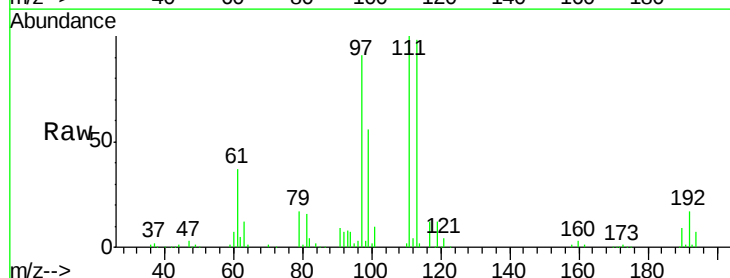
Manual Integrations  
APPROVED

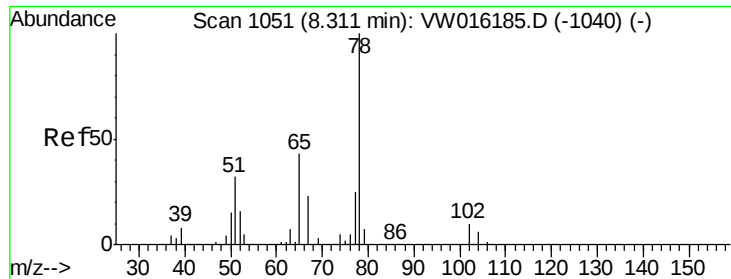
MMDadoda  
8/17/2020 5:46:38 PM



#32  
1,1,1-Trichloroethane  
Concen: 18.895 ug/l  
RT: 7.87 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.1  | 51.3  | 76.9  |
| 61      | 41.5  | 33.2  | 49.8  |





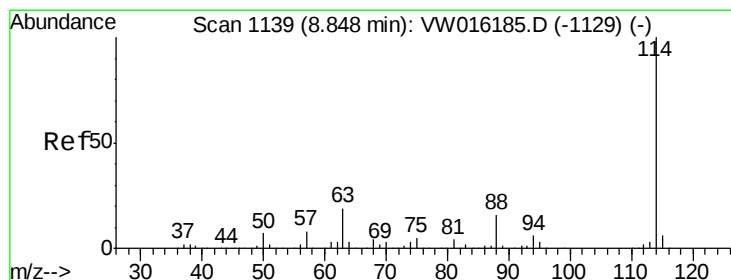
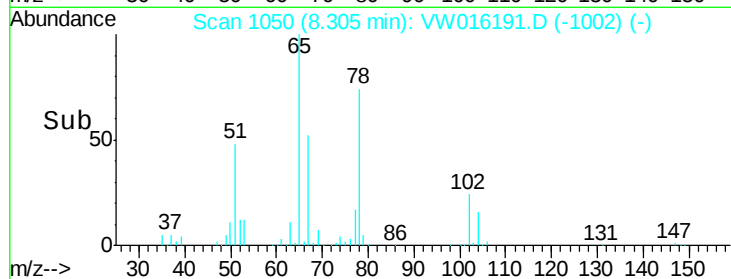
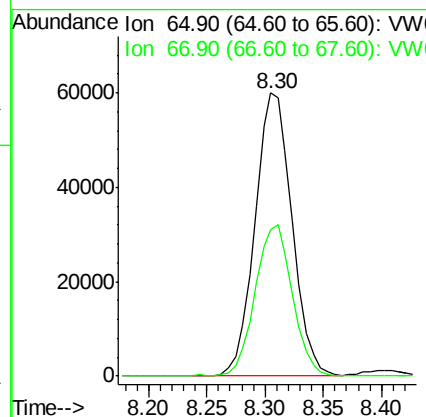
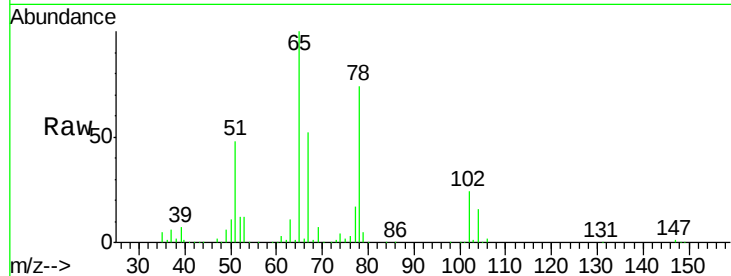
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.521 ug/l  
 RT: 8.30 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0814SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 132775 |       |       |
| 67      | 53.5  | 0.0    | 105.6 |       |

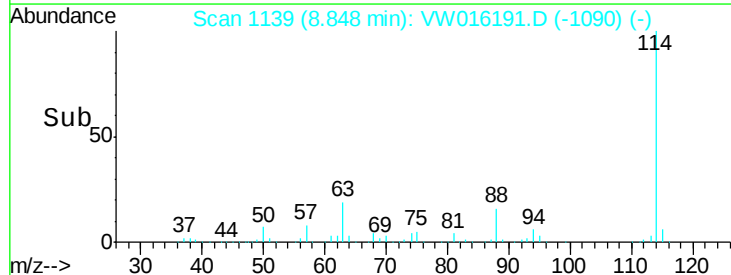
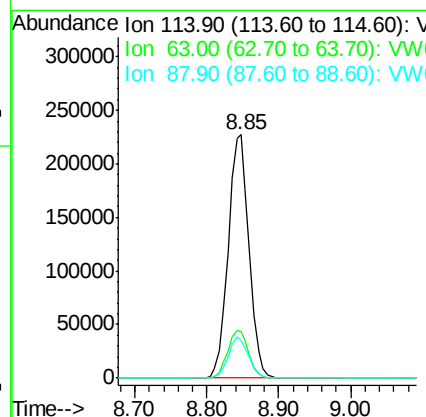
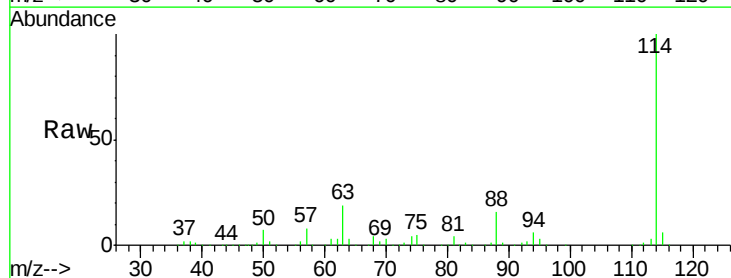
Manual Integrations  
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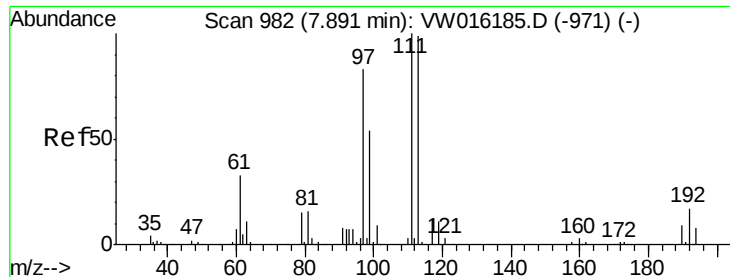
MMDadoda  
 8/17/2020 5:46:38 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 453375 |       |       |
| 63      | 19.0  | 0.0    | 38.4  |       |
| 88      | 15.6  | 0.0    | 32.8  |       |





#35

Dibromofluoromethane

Concen: 49.290 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

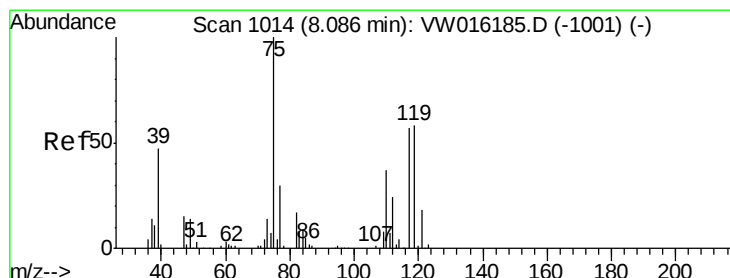
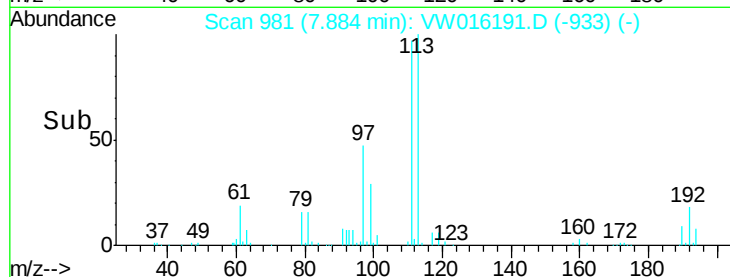
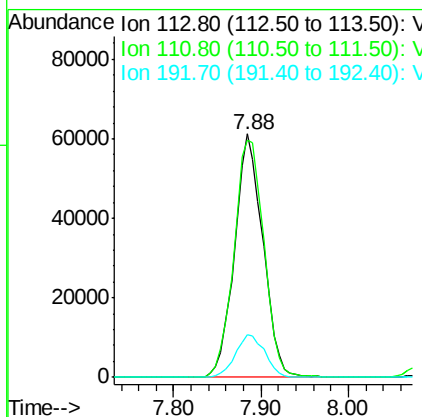
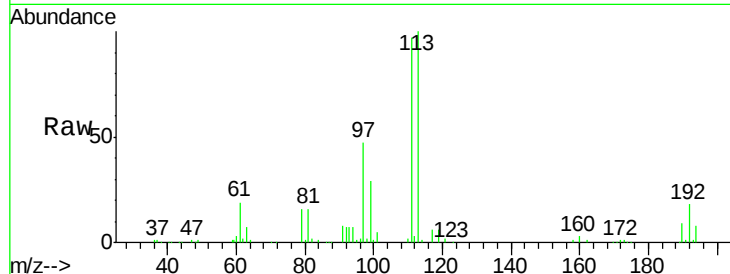
ClientSampleId :

VW0814SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 137883 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.3 | 83.5  | 125.3  |
| 192       | 18.2  | 14.3  | 21.5   |

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8/17/2020 5:46:38 PM



#36

1,1-Dichloropropene

Concen: 19.406 ug/l

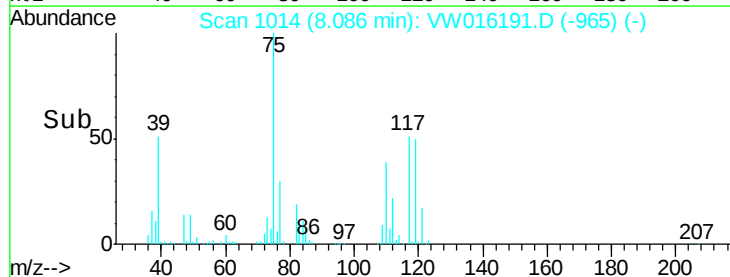
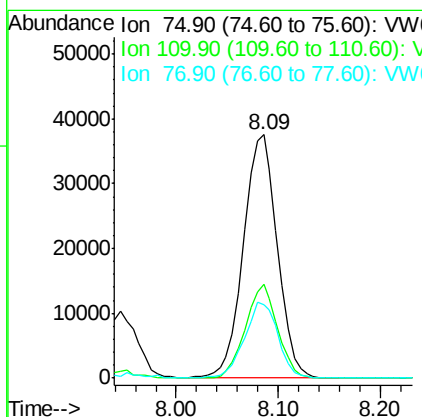
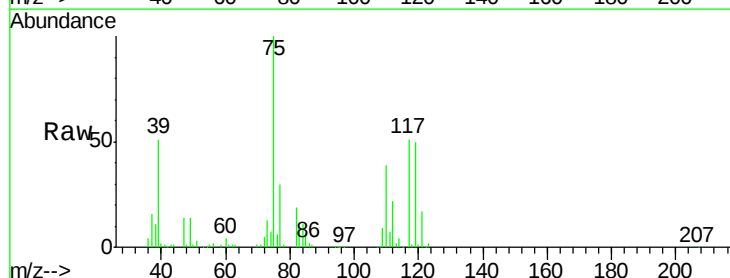
RT: 8.09 min Scan# 1014

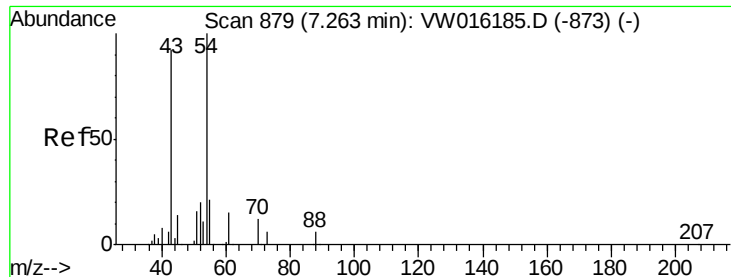
Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 86672 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 36.5  | 18.1  | 54.3  |
| 77        | 30.9  | 24.7  | 37.1  |





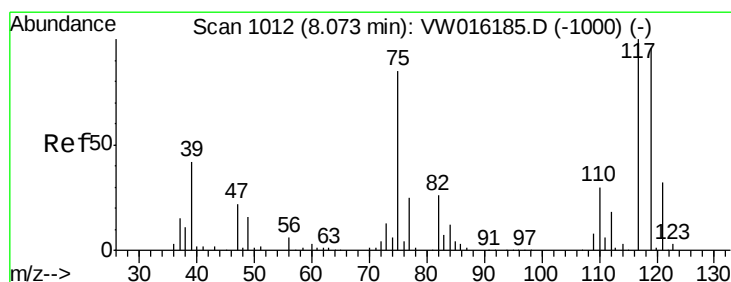
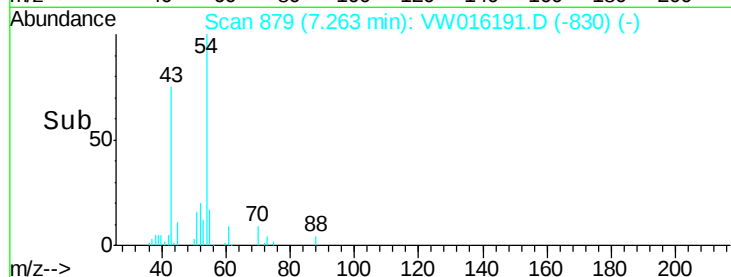
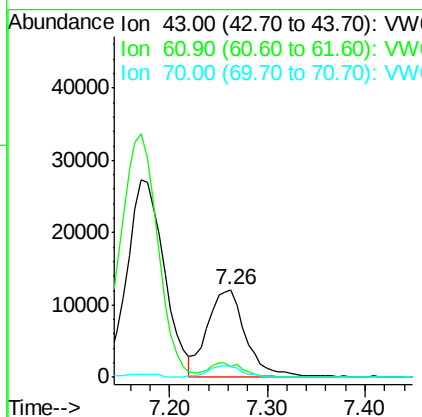
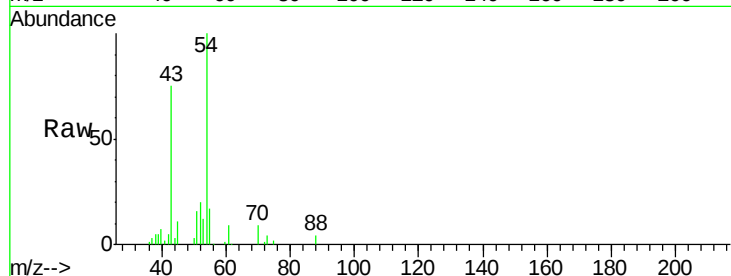
#37  
Ethyl Acetate  
Concen: 21.287 ug/l  
RT: 7.26 min Scan# 879  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.5  | 12.6  | 18.8  |
| 70      | 12.1  | 9.8   | 14.8  |

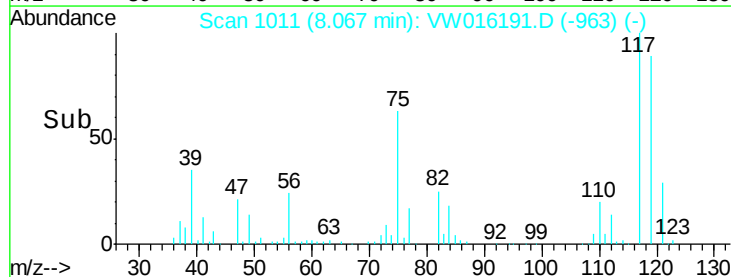
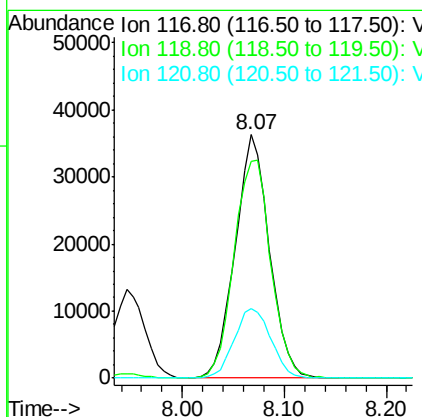
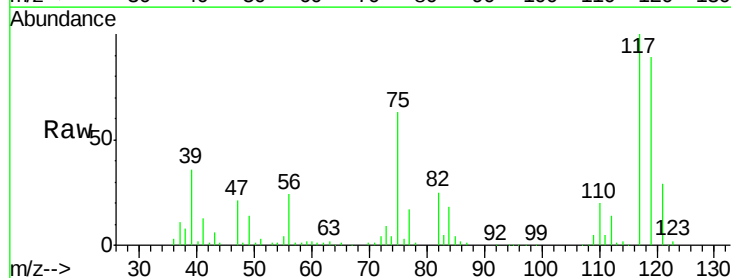
Manual Integrations  
APPROVED

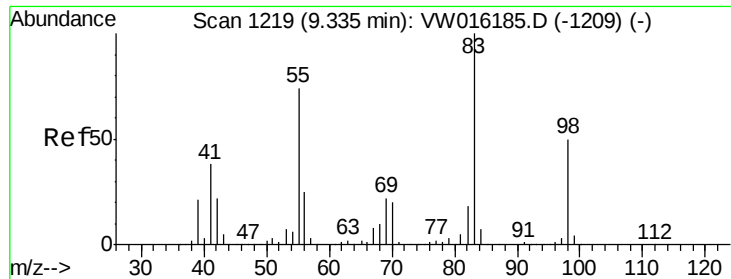
MMDadoda  
8/17/2020 5:46:38 PM



#38  
Carbon Tetrachloride  
Concen: 18.933 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 89.2  | 76.6  | 115.0 |
| 121     | 28.6  | 25.4  | 38.0  |





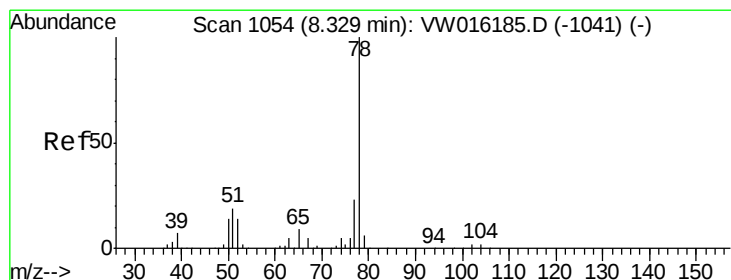
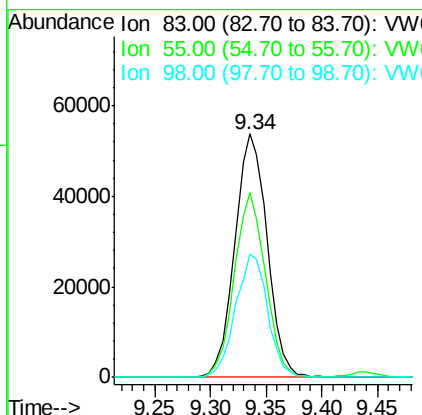
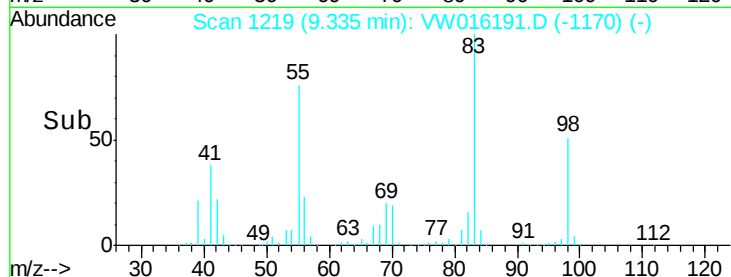
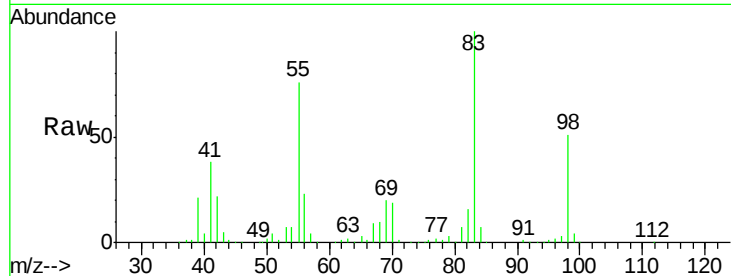
#39  
Methvlcvclohexane  
Concen: 20.106 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 75.7  | 59.2 | 88.8  |       |
| 98      | 50.8  | 40.2 | 60.2  |       |

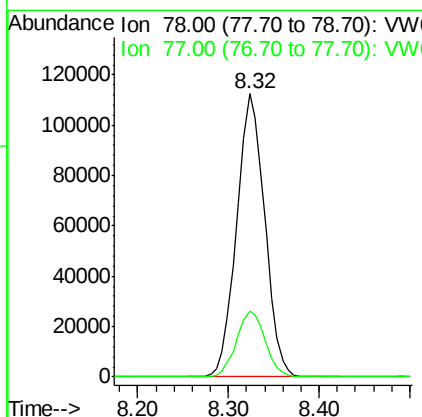
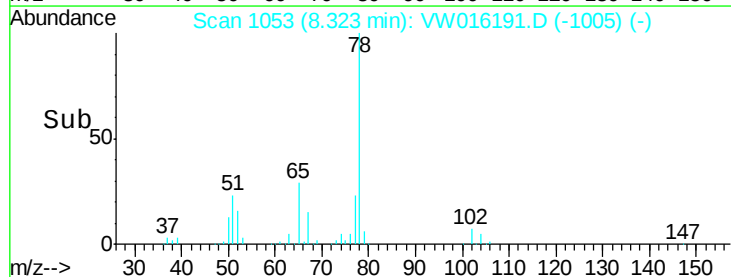
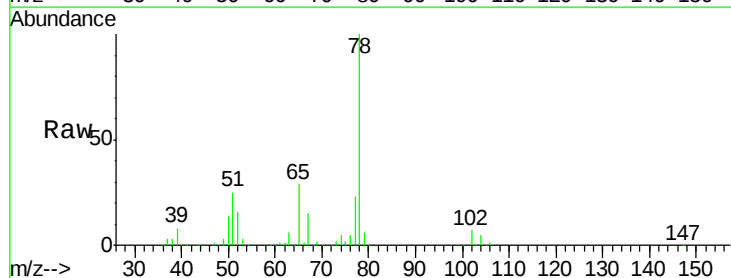
Manual Integrations  
APPROVED

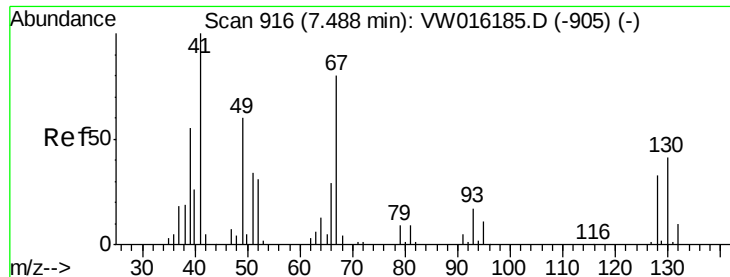
MMDadoda  
8/17/2020 5:46:38 PM



#40  
Benzene  
Concen: 19.196 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 23.3  | 18.6 | 28.0  |       |





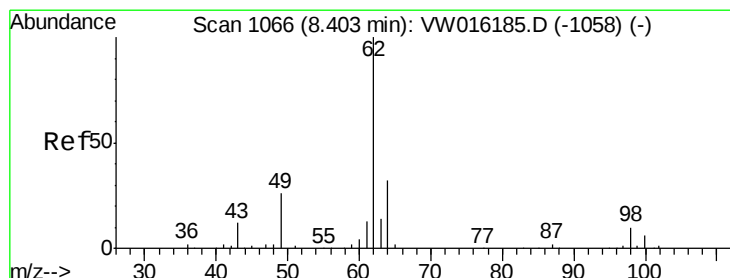
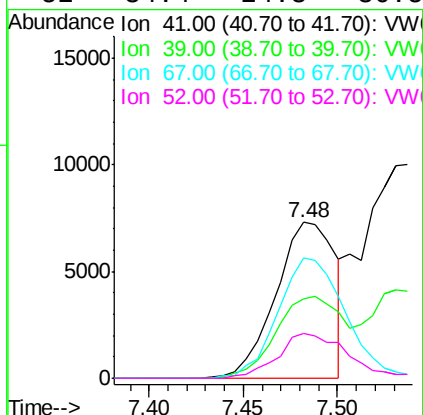
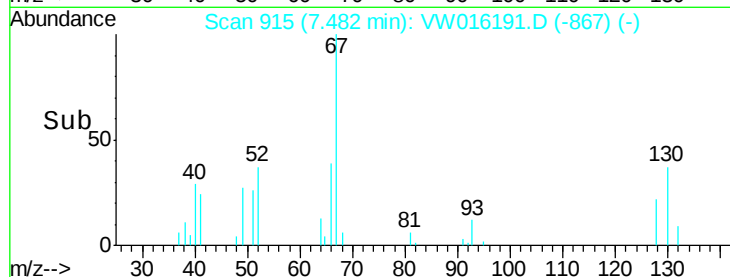
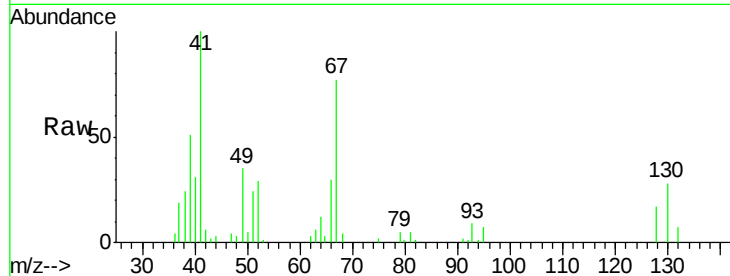
#41  
Methacrylonitrile  
Concen: 18.295 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBSD01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 15989 |       |       |
| 39      | 58.6 | 43.4  | 65.2  |       |       |
| 67      | 88.1 | 61.5  | 92.3  |       |       |
| 52      | 34.4 | 24.3  | 36.5  |       |       |

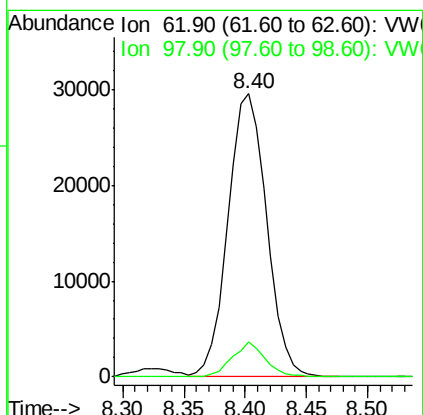
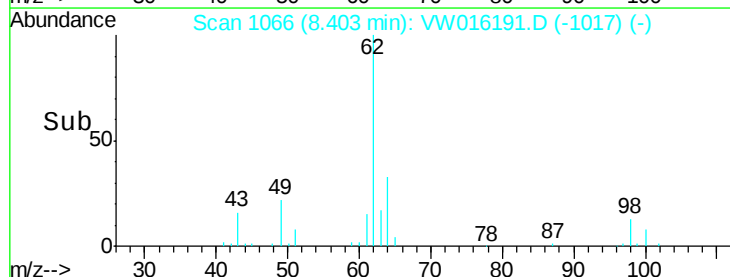
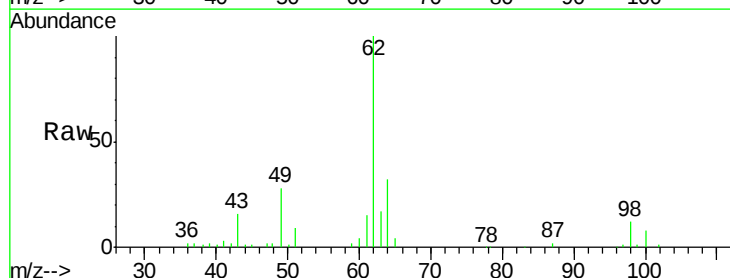
Manual Integrations  
APPROVED

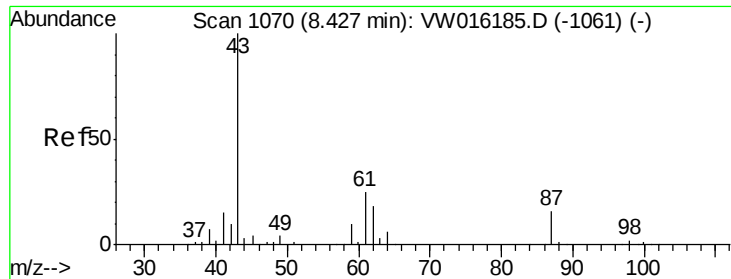
MMDadoda  
8/17/2020 5:46:38 PM



#42  
1,2-Dichloroethane  
Concen: 19.494 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 62      | 100  |       | 64689 |       |       |
| 98      | 10.6 | 0.0   | 20.8  |       |       |





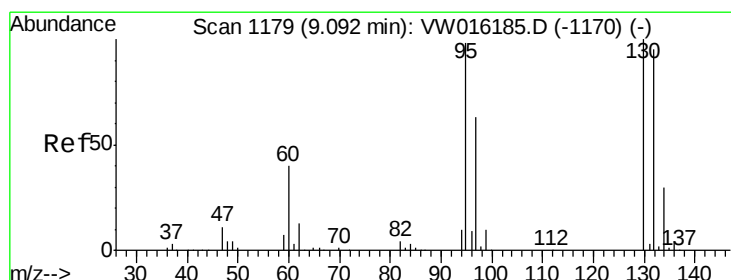
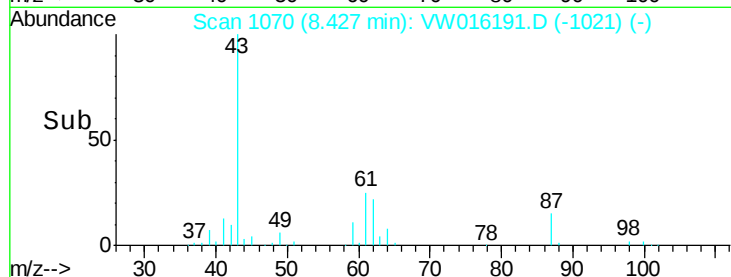
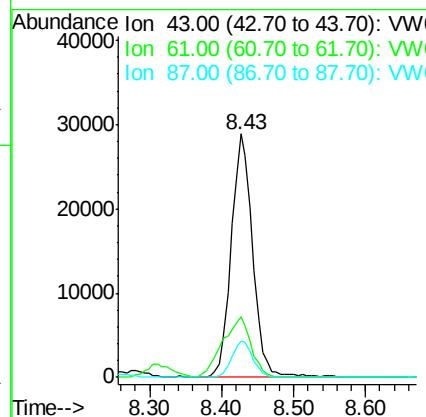
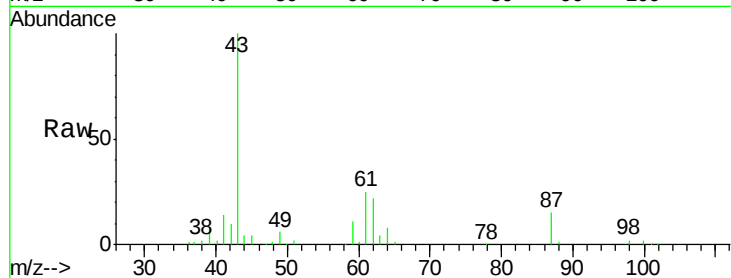
#43  
Isopropyl Acetate  
Concen: 20.875 ug/l  
RT: 8.43 min Scan# 1070  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 32.7  | 26.9  | 40.3  |
| 87      | 14.5  | 12.0  | 18.0  |

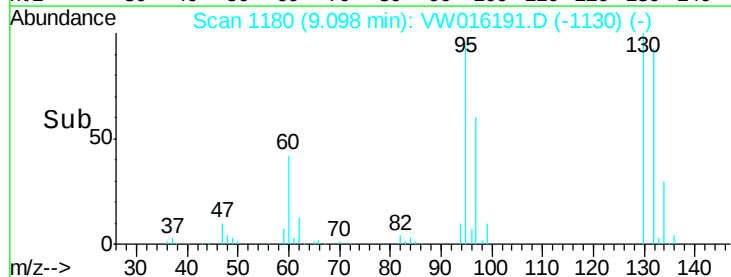
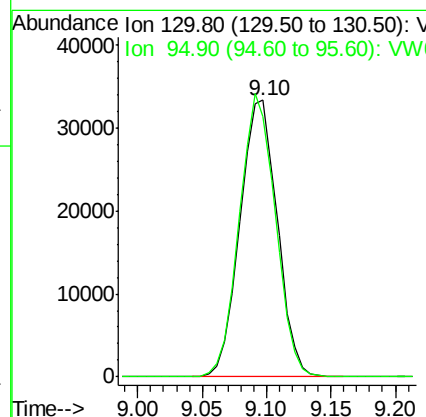
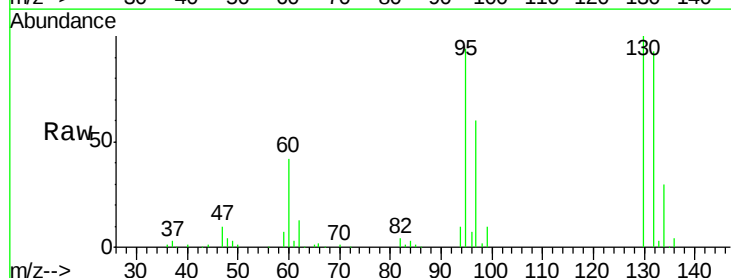
Manual Integrations  
APPROVED

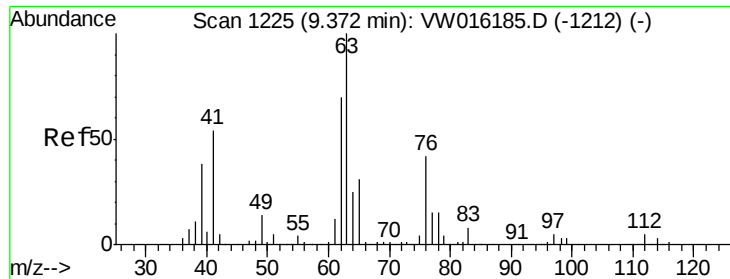
MMDadoda  
8/17/2020 5:46:38 PM



#44  
Trichloroethene  
Concen: 18.756 ug/l  
RT: 9.10 min Scan# 1180  
Delta R.T. 0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 94.1  | 0.0   | 196.4 |





#45

1,2-Dichloropropane

Concen: 19.475 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

ClientSampleId :

VW0814SBS01

Tot Ion: 63 Resp: 57682

Ion Ratio Lower Upper

63 100

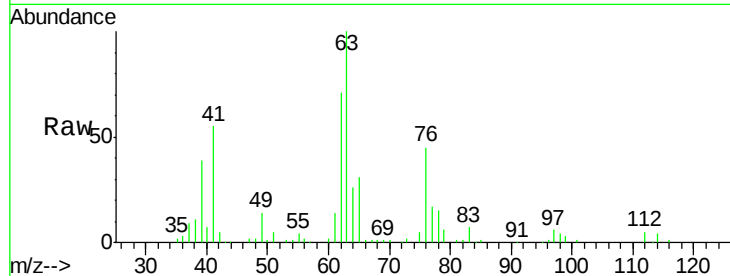
65 31.4 25.0 37.6

Manual Integrations

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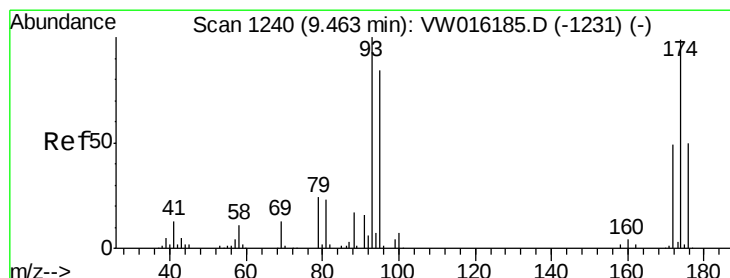
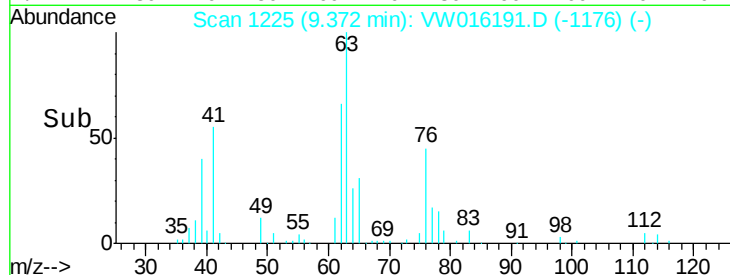
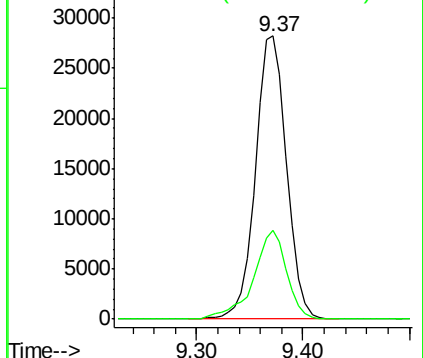
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 19.609 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

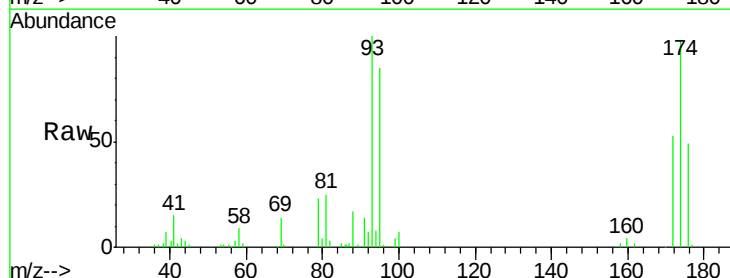
Tgt Ion: 93 Resp: 30491

Ion Ratio Lower Upper

93 100

95 84.8 65.9 98.9

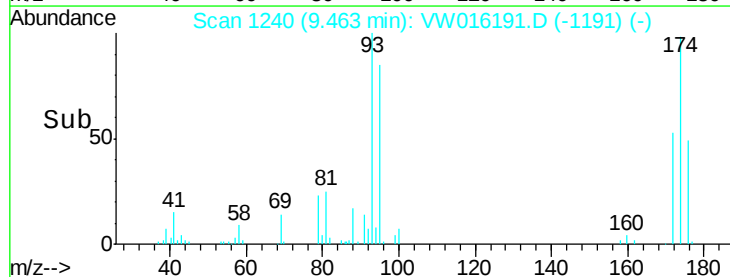
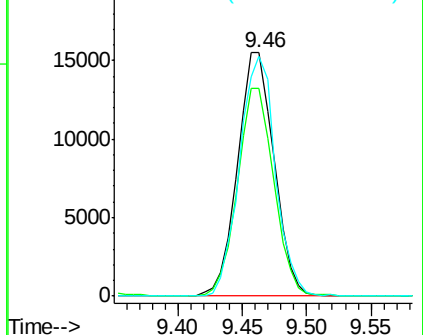
174 96.4 77.0 115.6

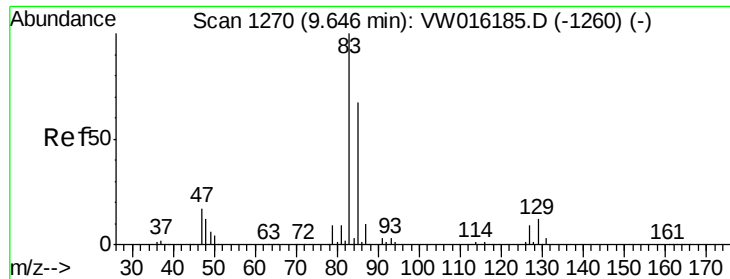


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.618 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

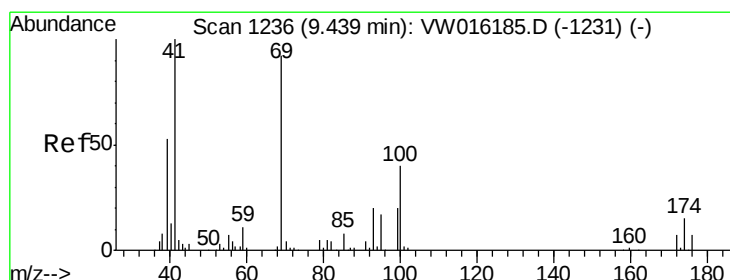
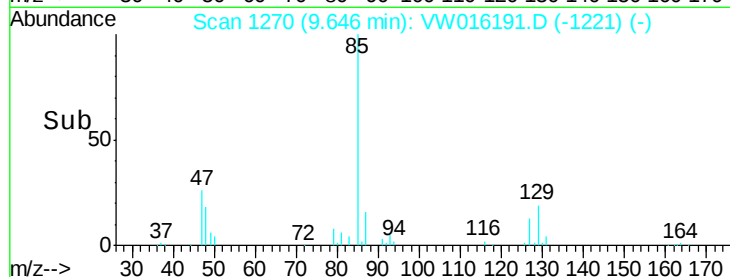
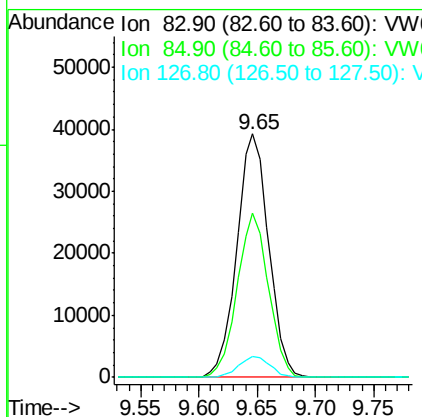
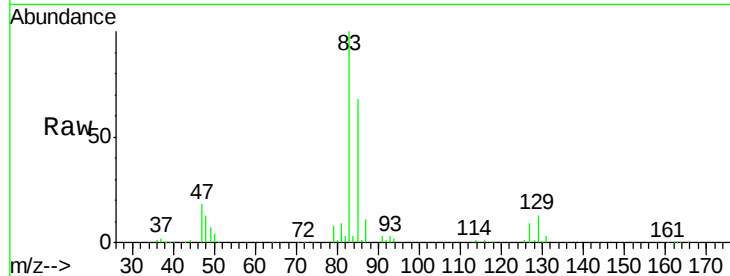
ClientSampleId :

VW0814SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 74797 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 67.7  | 53.3  | 79.9  |
| 127       | 8.8   | 7.4   | 11.2  |

Manual Integrations  
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8/17/2020 5:46:38 PM



#48

Methyl methacrylate

Concen: 20.847 ug/l

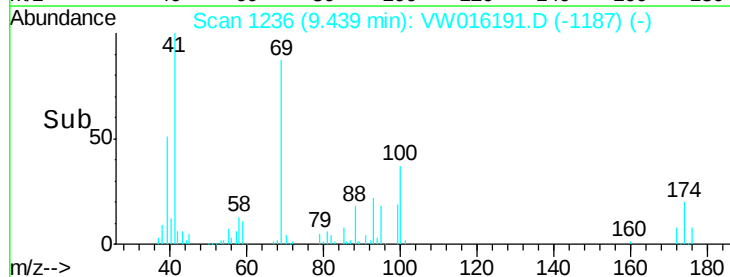
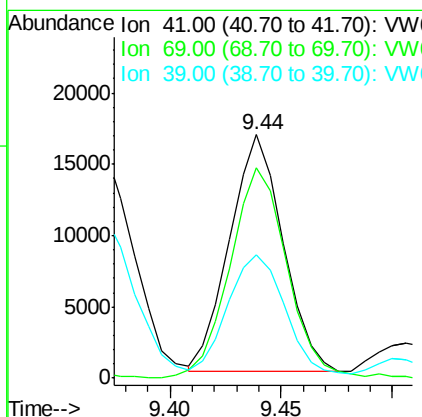
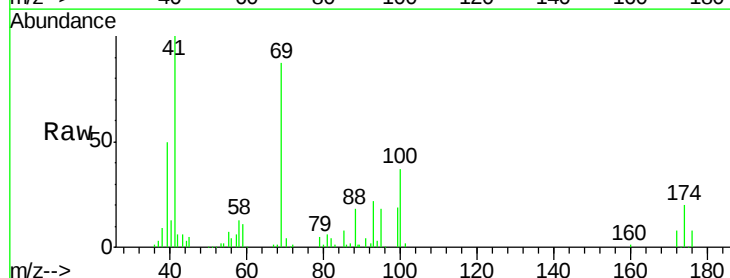
RT: 9.44 min Scan# 1236

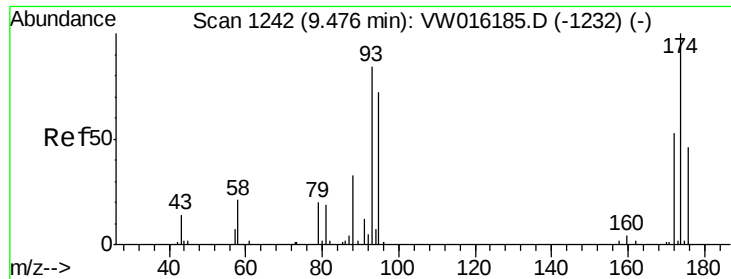
Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 27921 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 95.4  | 77.4  | 116.0 |
| 39        | 57.2  | 42.2  | 63.2  |





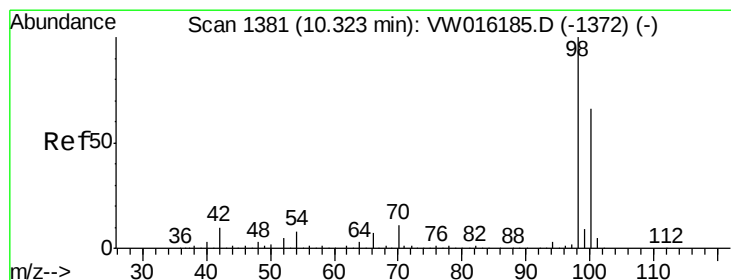
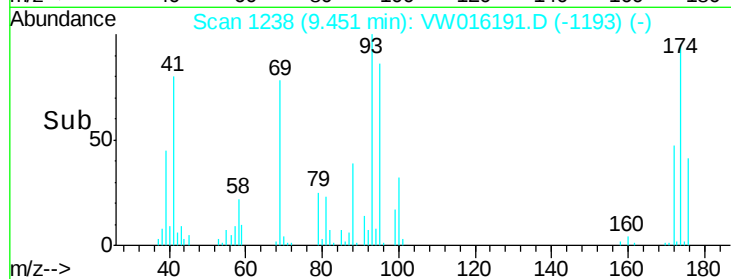
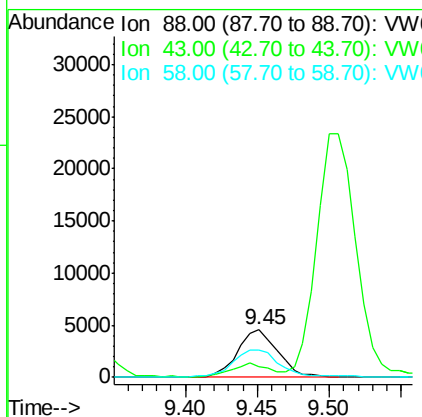
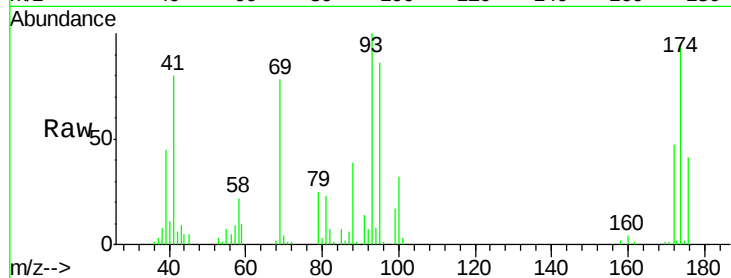
#49  
1,4-Dioxane  
Concen: 451.269 ug/l  
RT: 9.45 min Scan# 1238  
Delta R.T. -0.02 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBSD01

| Tot Ion | 88    | Resp  | 8836  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 30.3  | 0.0   | 0.0#  |
| 58      | 66.0  | 56.6  | 84.8  |

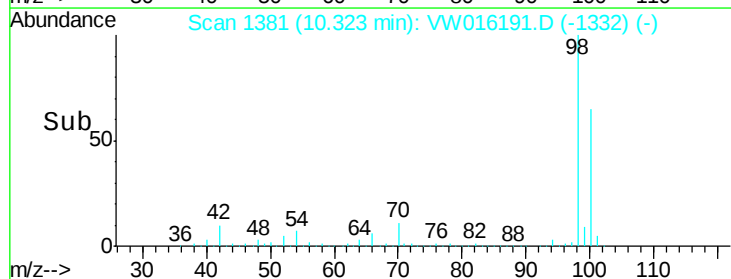
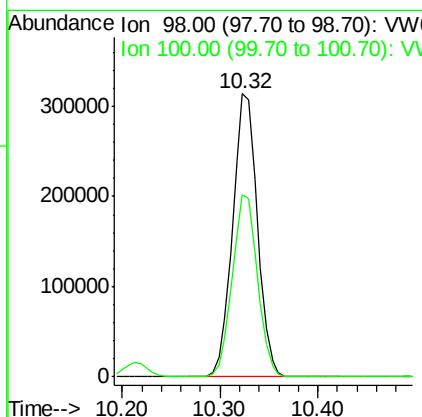
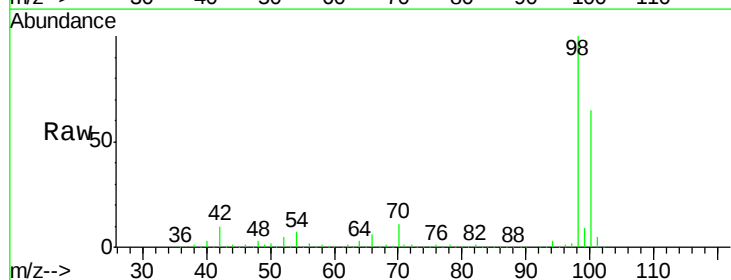
Manual Integrations  
APPROVED

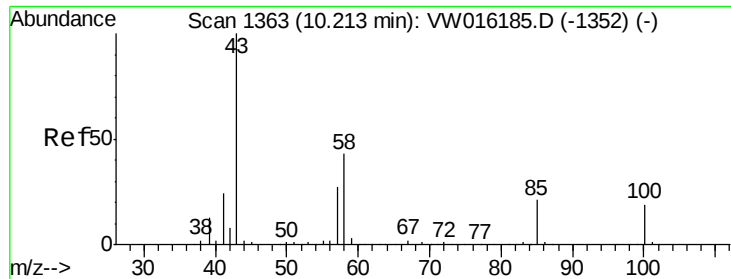
MMDadoda  
8/17/2020 5:46:38 PM



#50  
Toluene-d8  
Concen: 50.873 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | 98    | Resp  | 550858 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 65.5  | 53.5  | 80.3   |





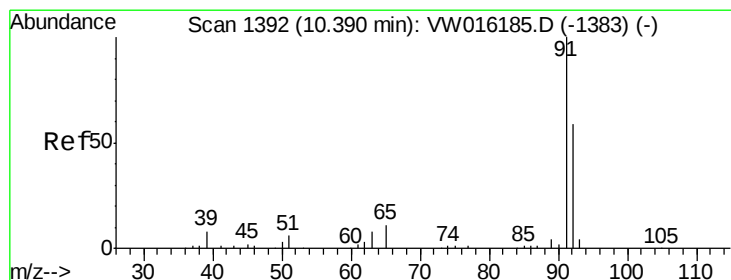
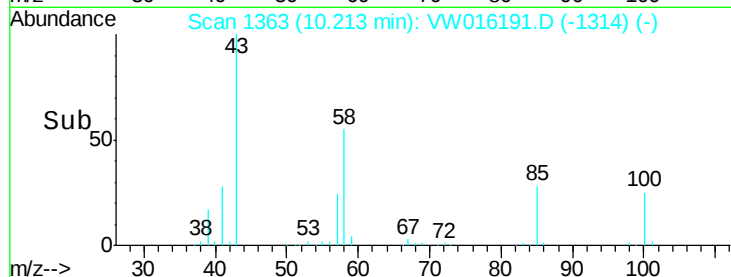
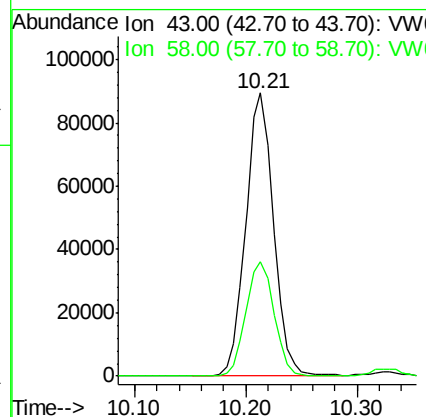
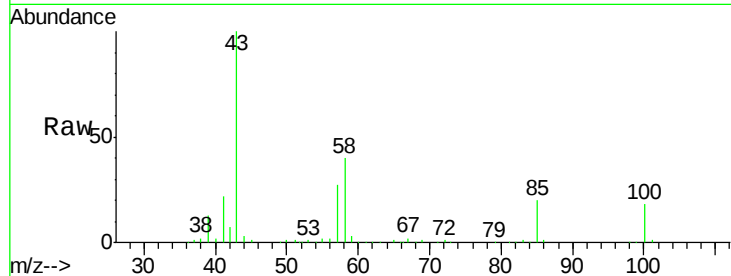
#51  
4-Methyl-2-Pentanone  
Concen: 106.008 ug/l  
RT: 10.21 min Scan# 1363  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0814SBS01

Tot Ion: 43 Resp: 154464  
Ion Ratio Lower Upper  
43 100  
58 41.4 33.7 50.5

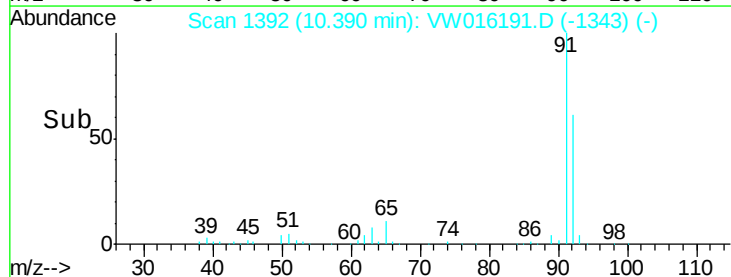
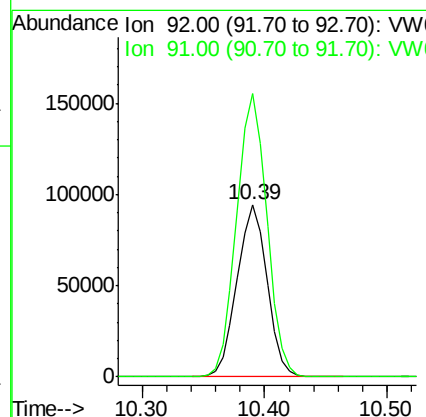
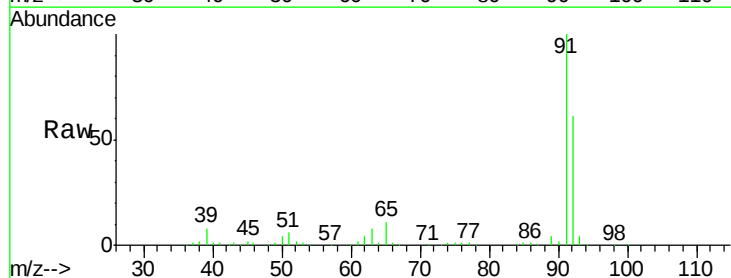
Manual Integrations  
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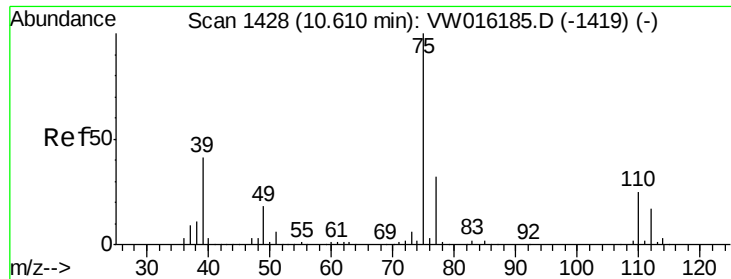
MMDadoda  
8/17/2020 5:46:38 PM



#52  
Toluene  
Concen: 19.883 ug/l  
RT: 10.39 min Scan# 1392  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Tgt Ion: 92 Resp: 159975  
Ion Ratio Lower Upper  
92 100  
91 166.5 133.3 199.9





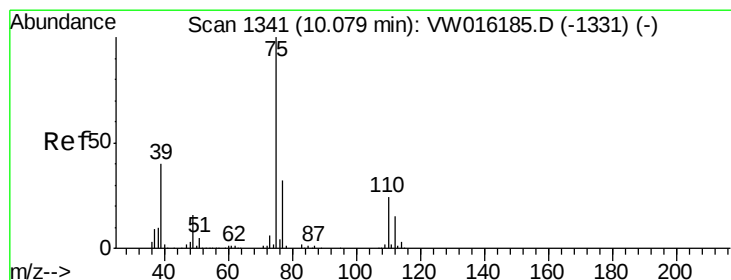
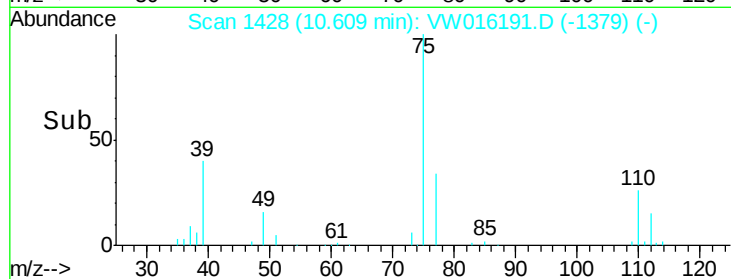
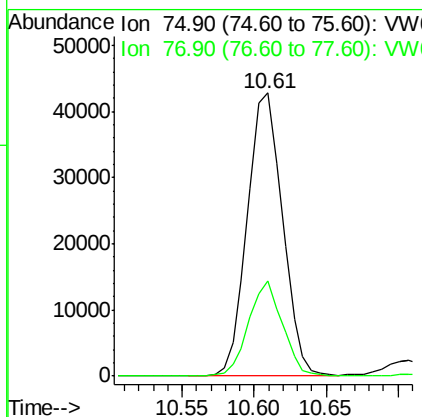
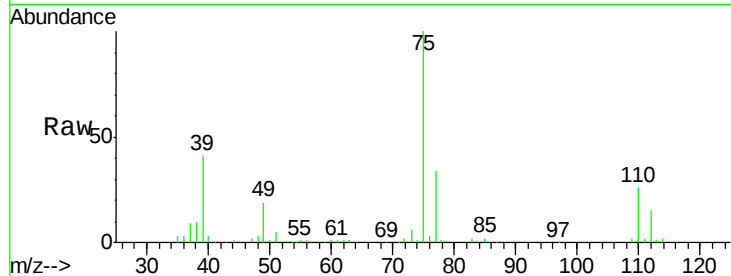
#53  
t-1,3-Dichloropropene  
Concen: 19.539 ug/l  
RT: 10.61 min Scan# 1428  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBSD01

Tot Ion: 75 Resp: 72684  
Ion Ratio Lower Upper  
75 100  
77 33.8 25.6 38.4

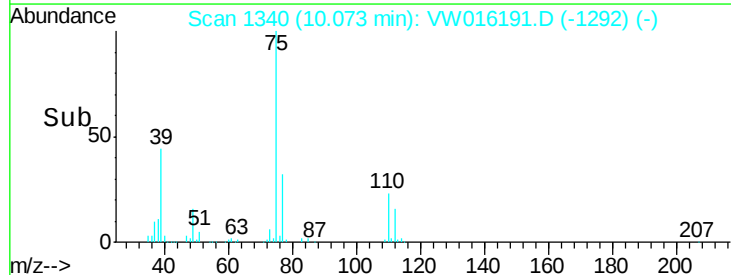
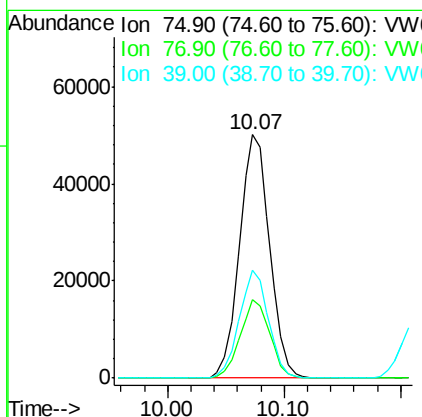
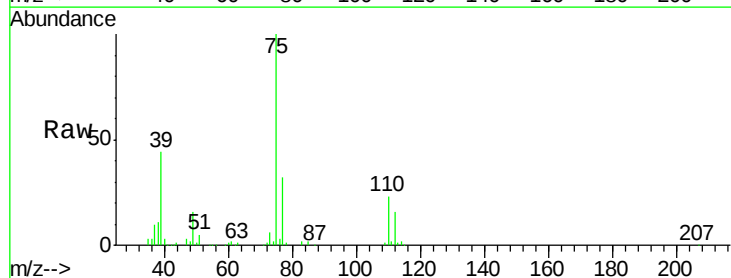
Manual Integrations  
APPROVED

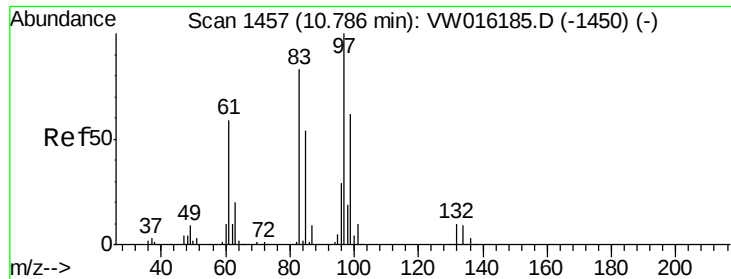
MMDadoda  
8/17/2020 5:46:38 PM



#54  
cis-1,3-Dichloropropene  
Concen: 19.556 ug/l  
RT: 10.07 min Scan# 1340  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Tgt Ion: 75 Resp: 90411  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.3 37.9  
39 44.2 32.3 48.5





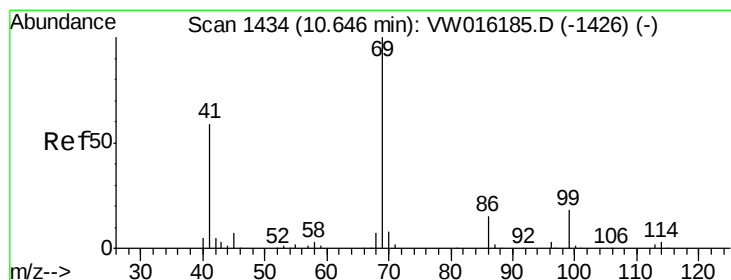
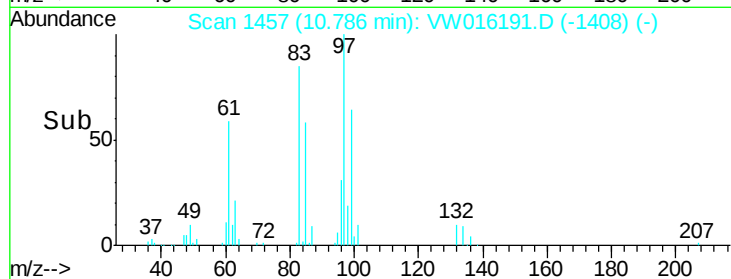
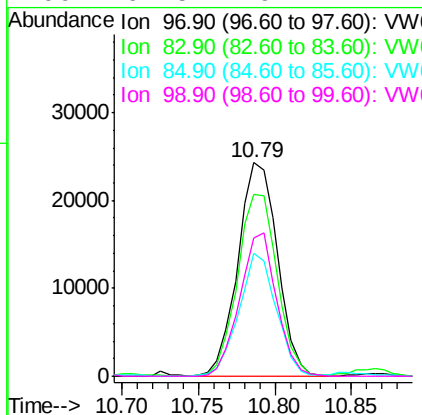
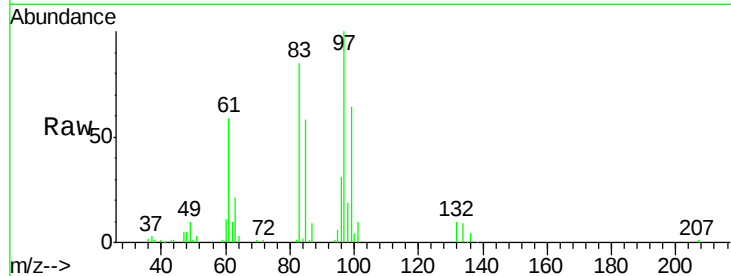
#55  
 1,1,2-Trichloroethane  
 Concen: 19.599 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0814SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 43729 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.3  | 66.6  | 100.0 |
| 85       | 57.7  | 43.0  | 64.4  |
| 99       | 64.5  | 49.4  | 74.2  |

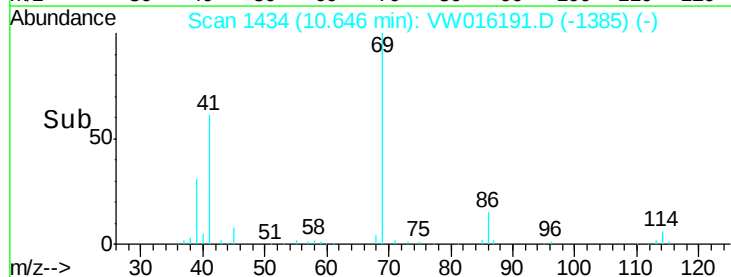
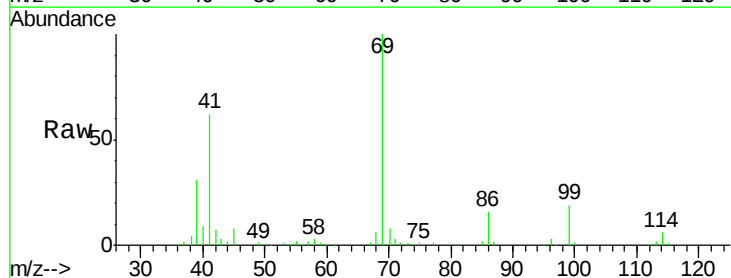
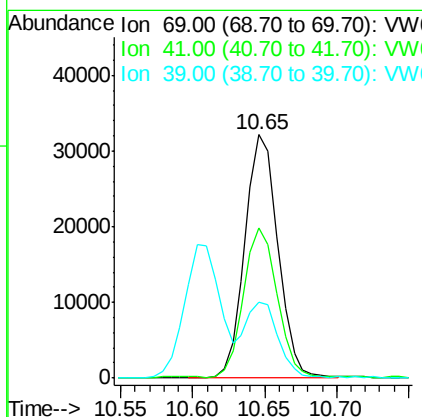
Manual Integrations  
 APPROVED

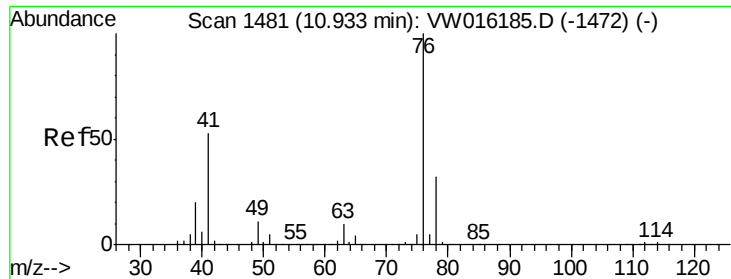
MMDadoda  
 8/17/2020 5:46:38 PM



#56  
 Ethyl methacrylate  
 Concen: 20.126 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 51208 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 61.9  | 47.6  | 71.4  |
| 39       | 31.1  | 24.6  | 36.8  |





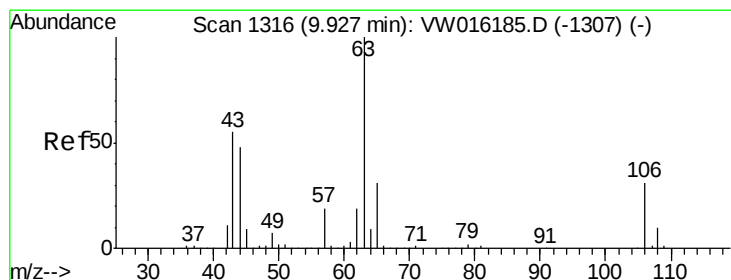
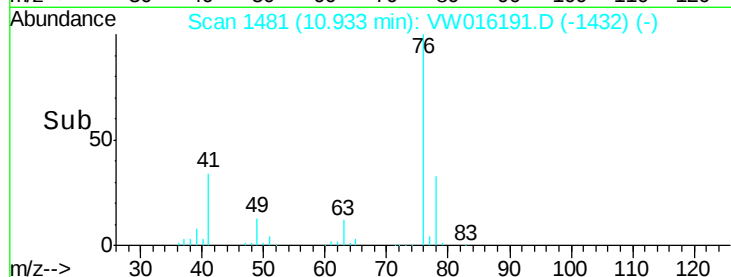
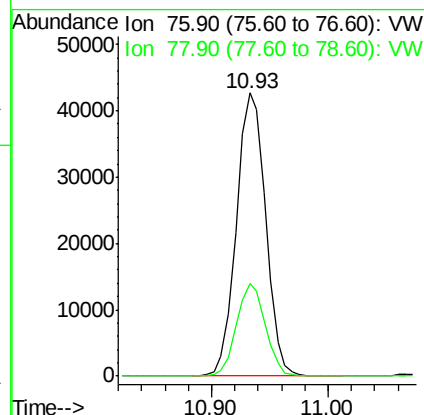
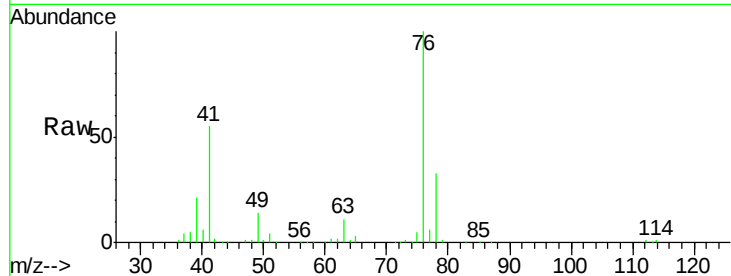
#57  
 1,3-Dichloropropane  
 Concen: 19.663 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0814SBSD01

Tot Ion: 76 Resp: 74642  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 25.8 38.8

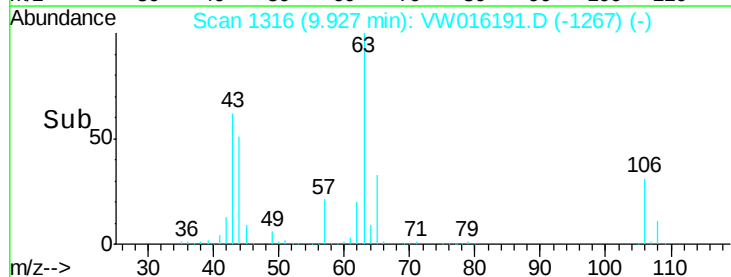
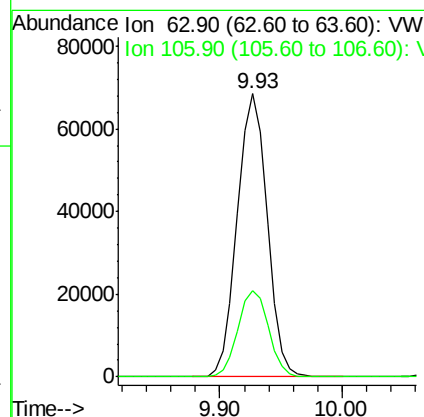
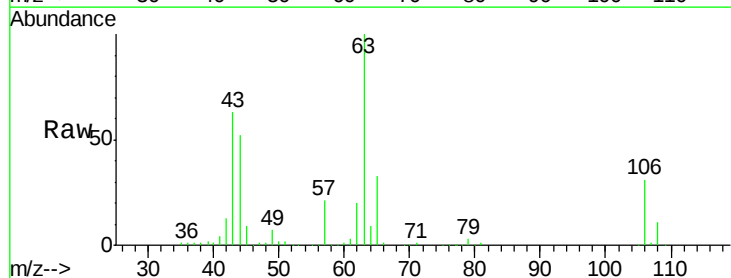
Manual Integrations  
 APPROVED

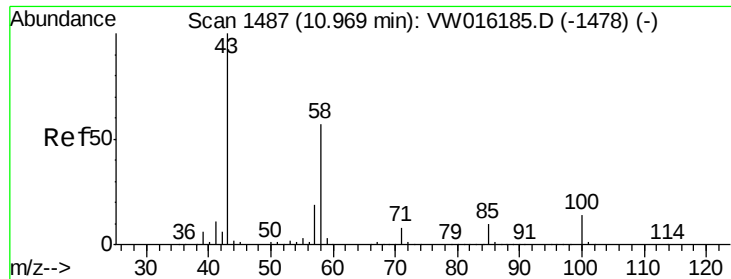
MMDadoda  
 8/17/2020 5:46:38 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 100.120 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

Tgt Ion: 63 Resp: 116147  
 Ion Ratio Lower Upper  
 63 100  
 106 31.1 24.9 37.3





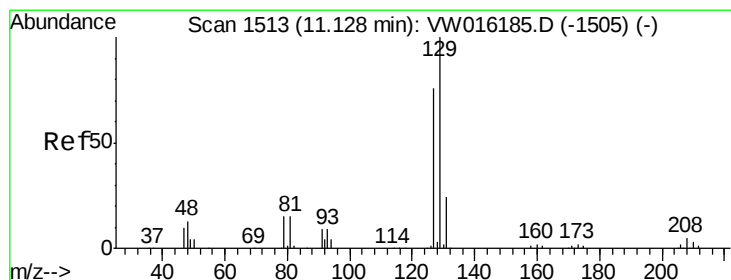
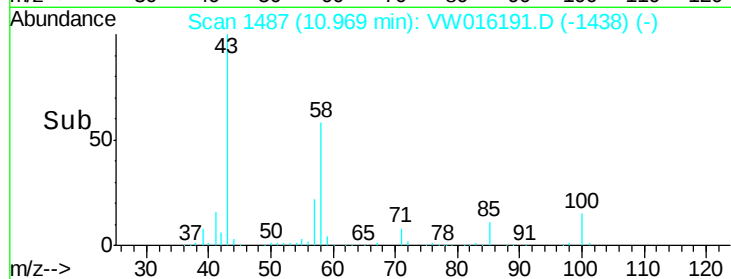
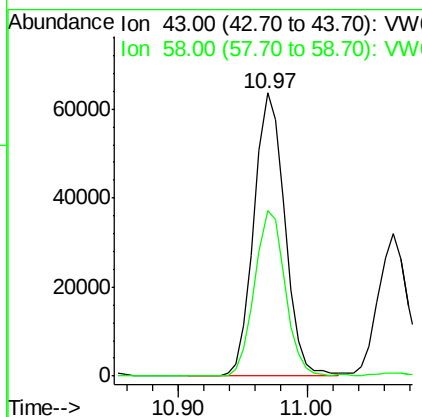
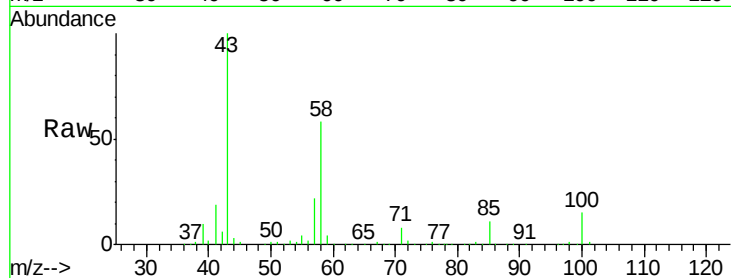
#59  
2-Hexanone  
Concen: 105.602 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBSD01

Tot Ion: 43 Resp: 105266  
Ion Ratio Lower Upper  
43 100  
58 58.1 28.8 86.5

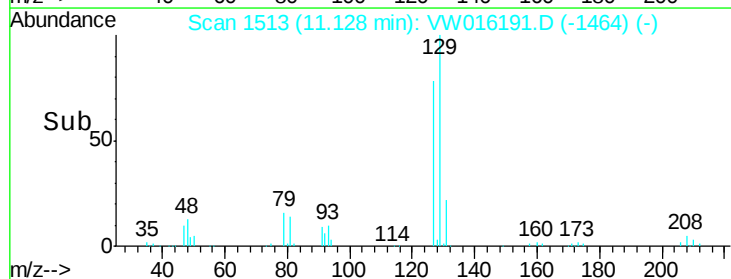
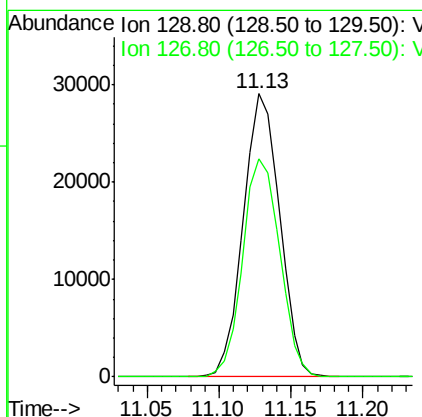
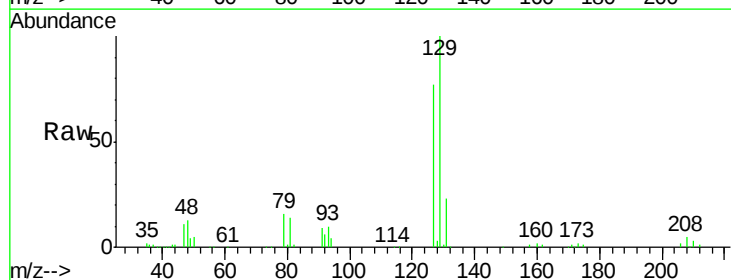
Manual Integrations  
APPROVED

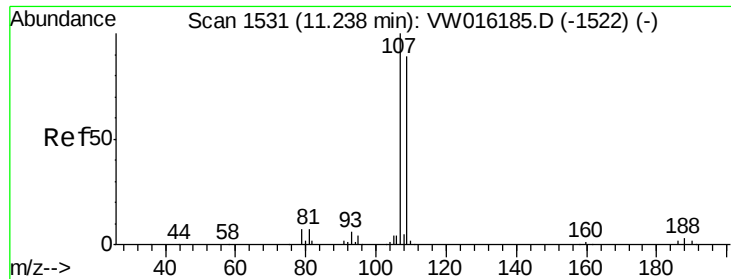
MMDadoda  
8/17/2020 5:46:38 PM



#60  
Dibromochloromethane  
Concen: 19.194 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Tgt Ion:129 Resp: 50946  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.3 114.8





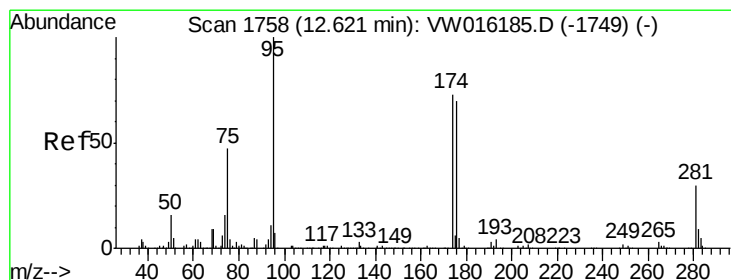
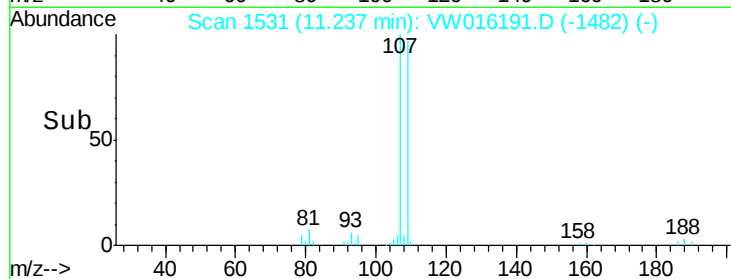
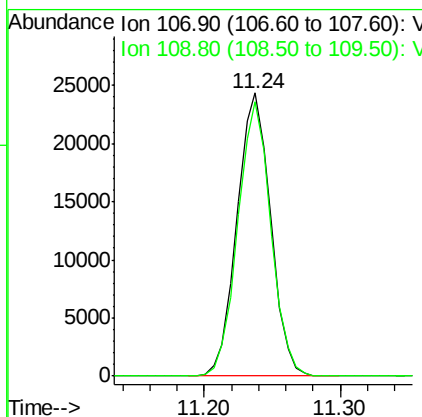
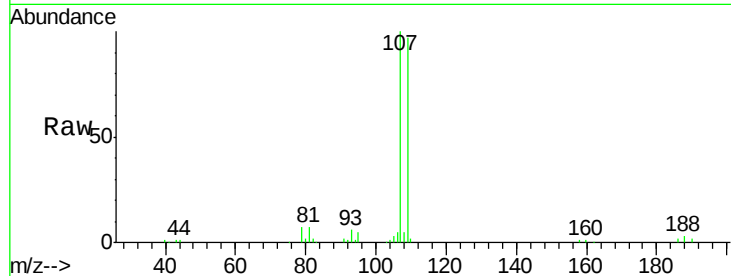
#61  
 1,2-Dibromoethane  
 Concen: 19.570 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0814SBSD01

Tot Ion: 107 Resp: 42033  
 Ion Ratio Lower Upper  
 107 100  
 109 95.2 74.7 112.1

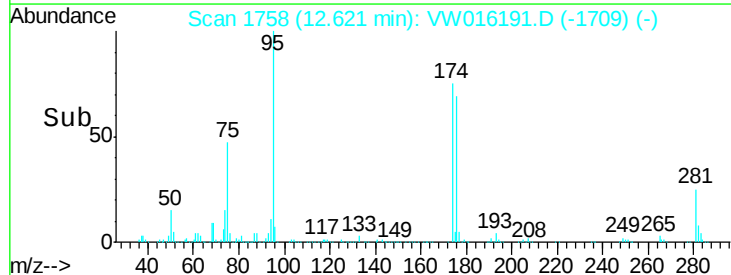
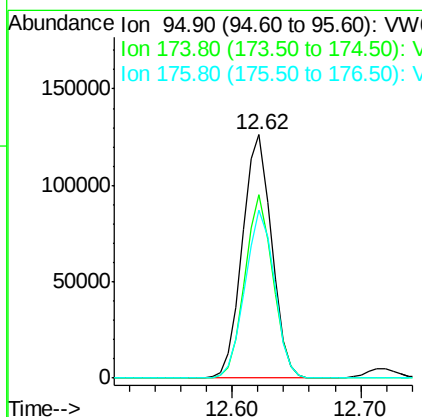
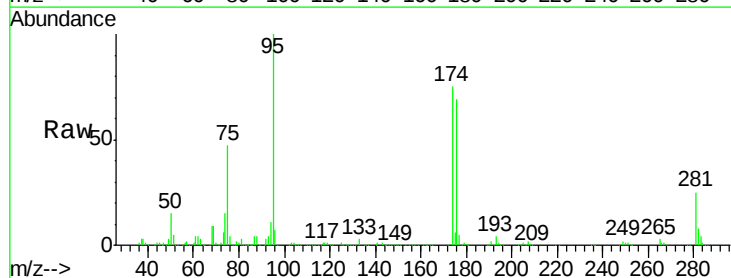
Manual Integrations  
 APPROVED

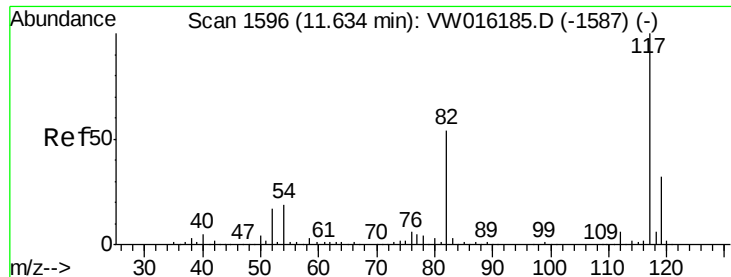
MMDadoda  
 8/17/2020 5:46:38 PM



#62  
 4-Bromofluorobenzene  
 Concen: 51.047 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

Tgt Ion: 95 Resp: 197581  
 Ion Ratio Lower Upper  
 95 100  
 174 72.1 0.0 145.6  
 176 69.1 0.0 137.8





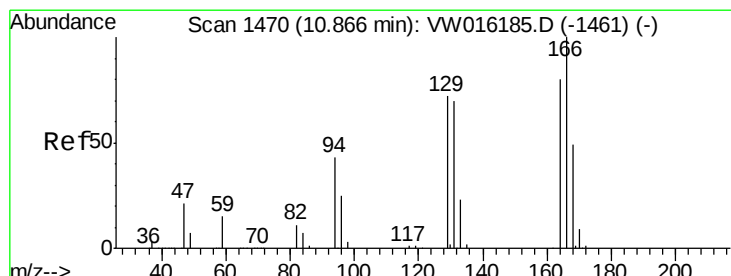
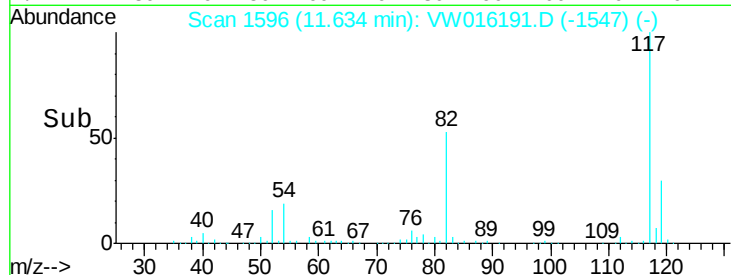
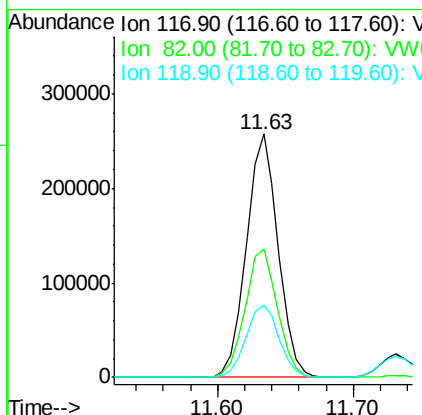
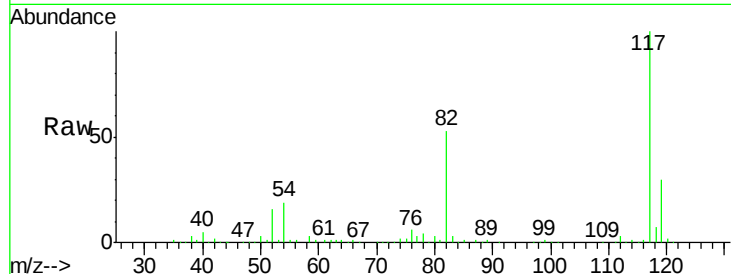
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 418507 |       |       |
| 82      | 52.6  | 43.6   | 65.4  |       |
| 119     | 29.7  | 25.4   | 38.0  |       |

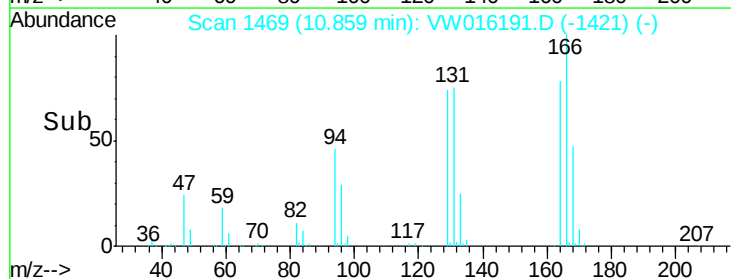
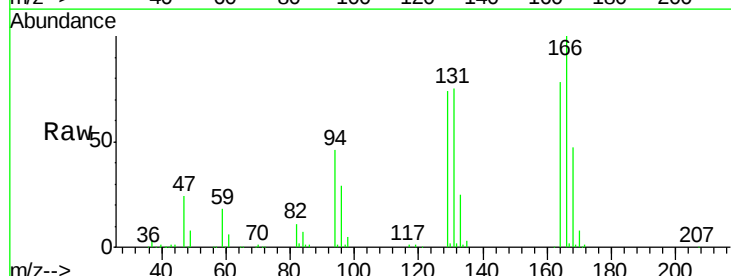
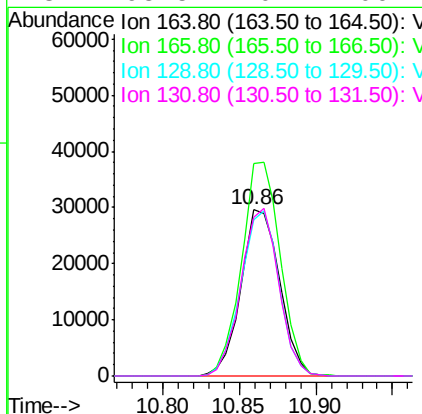
Manual Integrations  
APPROVED

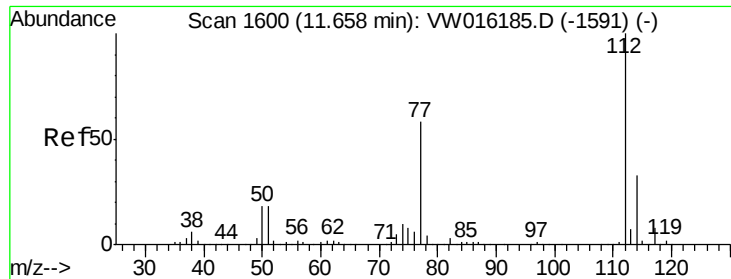
MMDadoda  
8/17/2020 5:46:38 PM



#64  
Tetrachloroethene  
Concen: 18.979 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 52118 |       |       |
| 166     | 127.8 | 100.3 | 150.5 |       |
| 129     | 94.3  | 72.2  | 108.4 |       |
| 131     | 95.5  | 70.7  | 106.1 |       |





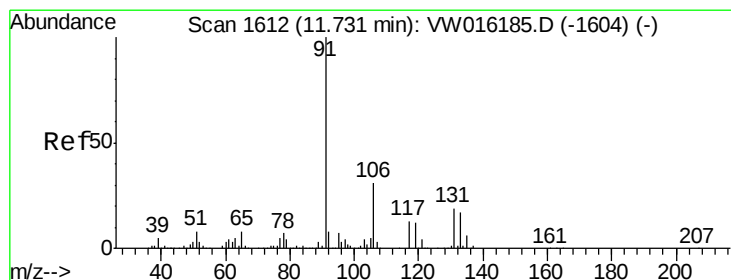
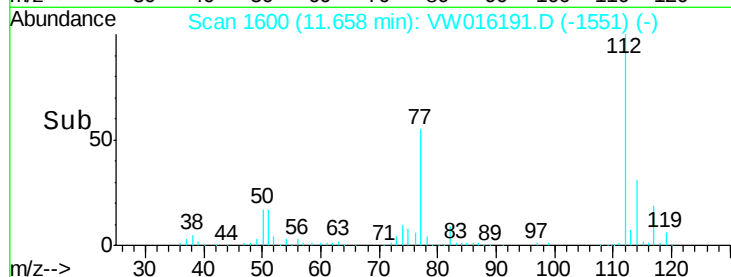
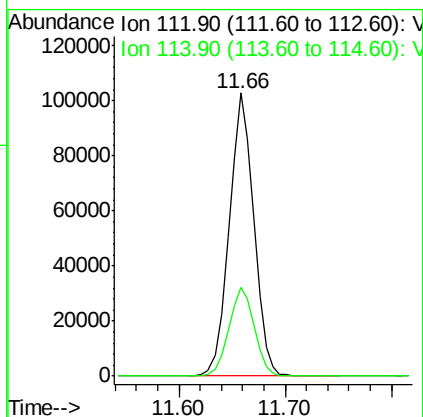
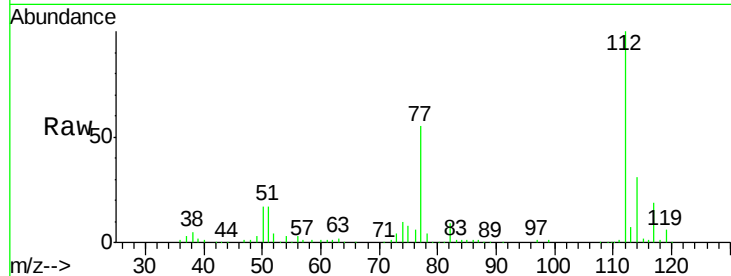
#65  
Chlorobenzene  
Concen: 19.367 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBS01

Tot Ion:112 Resp: 166130  
Ion Ratio Lower Upper  
112 100  
114 31.3 26.6 39.8

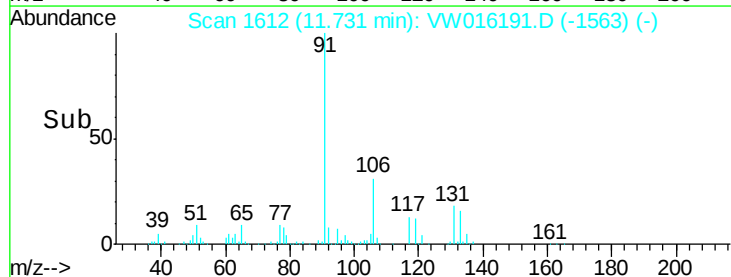
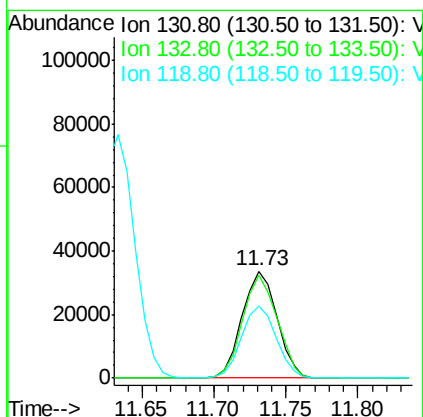
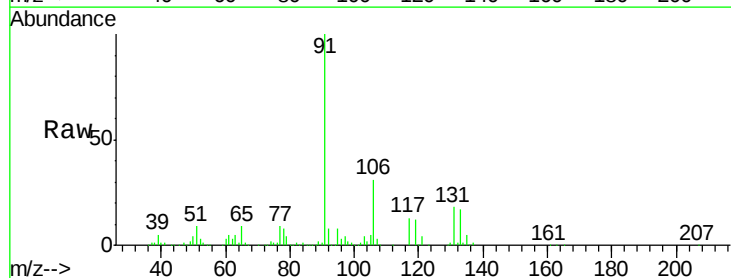
Manual Integrations  
APPROVED

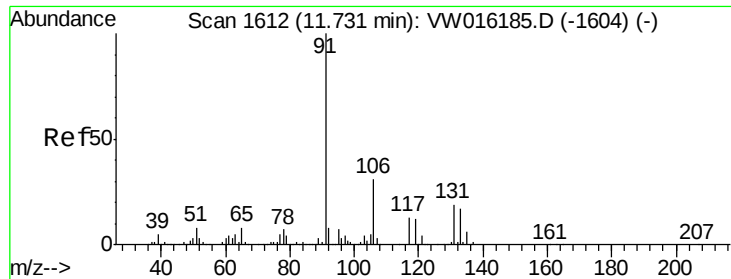
MMDadoda  
8/17/2020 5:46:38 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.889 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Tgt Ion:131 Resp: 56634  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.1 141.3  
119 67.2 33.1 99.3





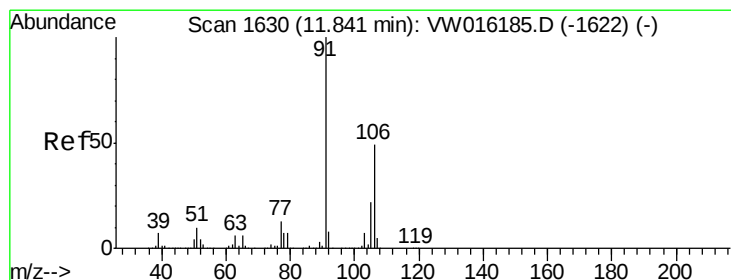
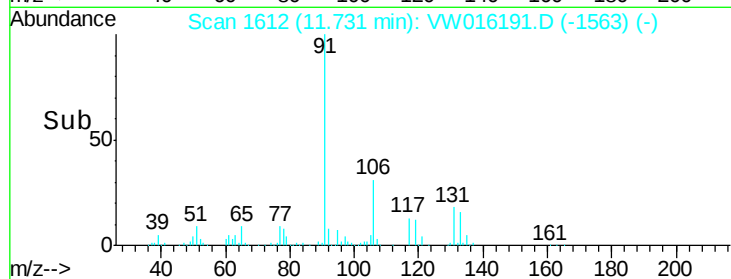
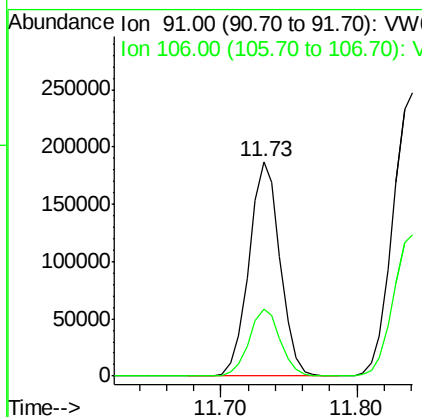
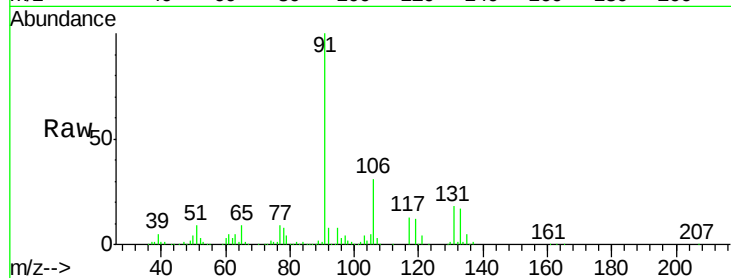
#67  
Ethyl Benzene  
Concen: 19.394 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 31.1  | 24.9  | 37.3  |

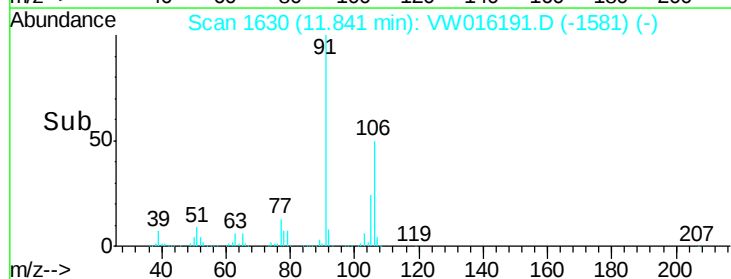
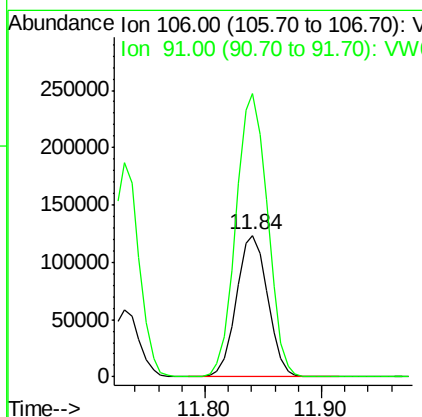
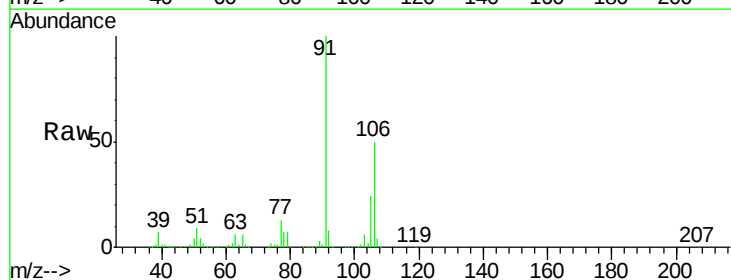
Manual Integrations  
APPROVED

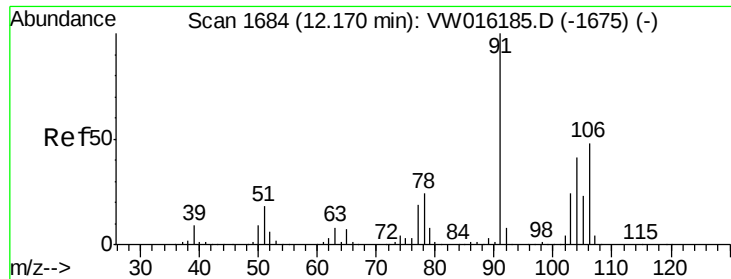
MMDadoda  
8/17/2020 5:46:38 PM



#68  
m/p-Xylenes  
Concen: 38.995 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 202.0 | 161.4 | 242.2 |





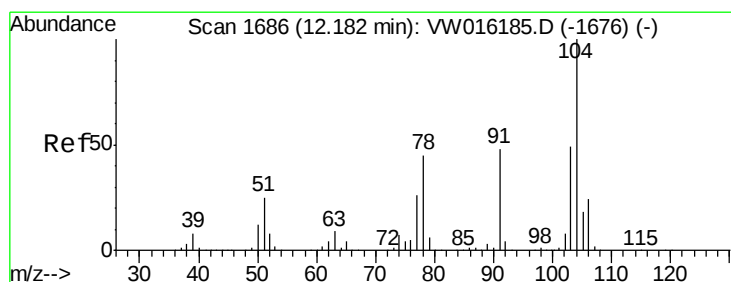
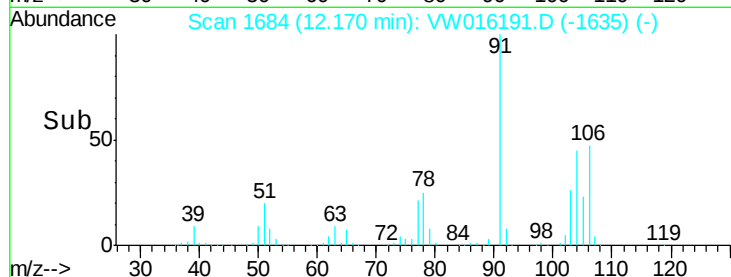
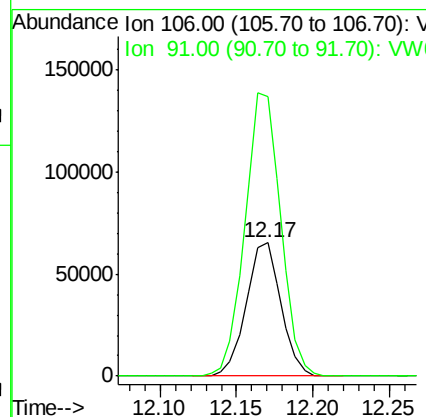
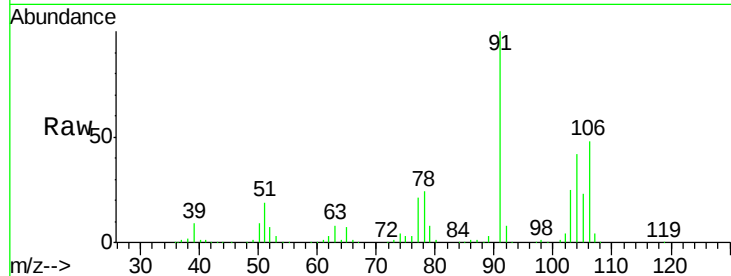
#69  
o-Xylene  
Concen: 19.572 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBS01

Tot Ion:106 Resp: 103325  
Ion Ratio Lower Upper  
106 100  
91 217.9 106.0 317.9

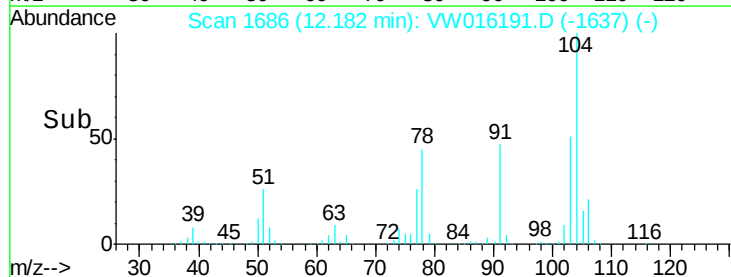
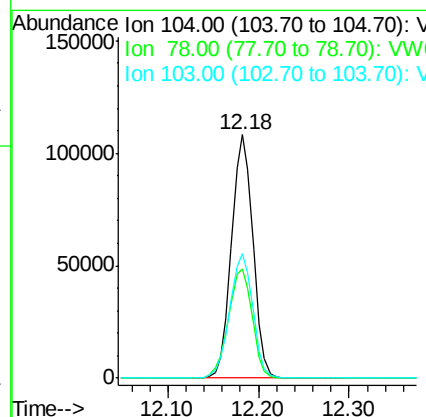
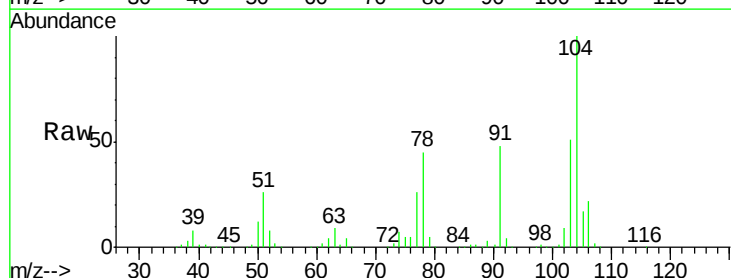
Manual Integrations  
APPROVED

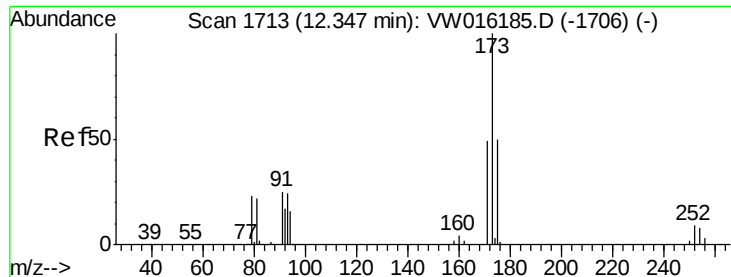
MMDadoda  
8/17/2020 5:46:38 PM



#70  
Styrene  
Concen: 19.476 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Tgt Ion:104 Resp: 177918  
Ion Ratio Lower Upper  
104 100  
78 49.7 39.4 59.2  
103 54.9 42.9 64.3





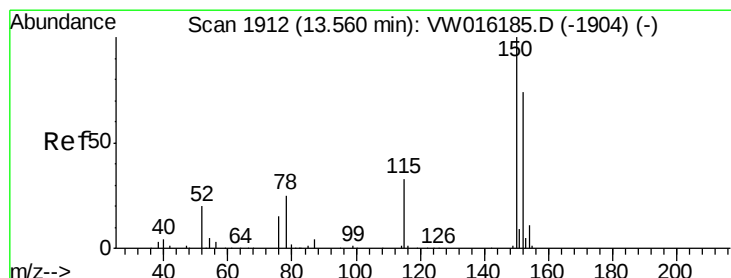
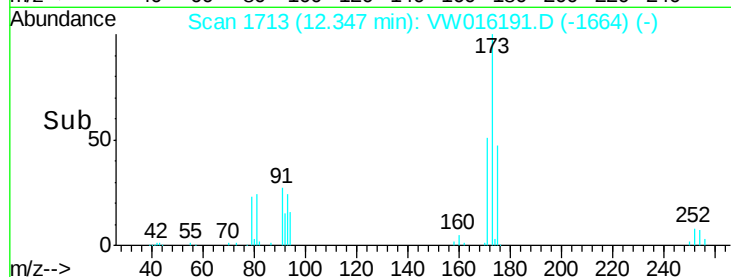
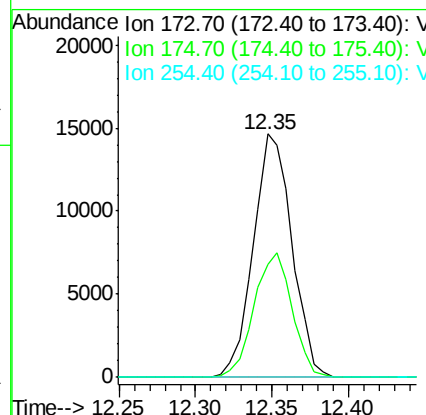
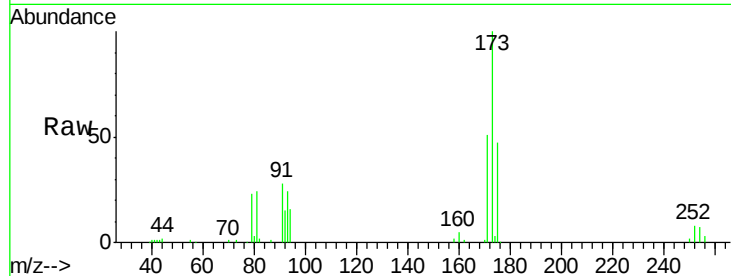
#71  
Bromoform  
Concen: 19.206 ug/l  
RT: 12.35 min Scan# 1713  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.1  | 24.7  | 74.1  |
| 254     | 0.0   | 0.0   | 0.0   |

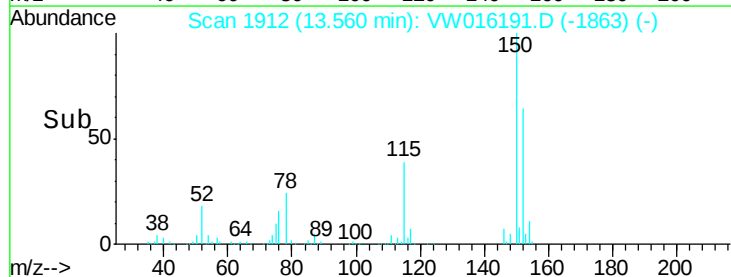
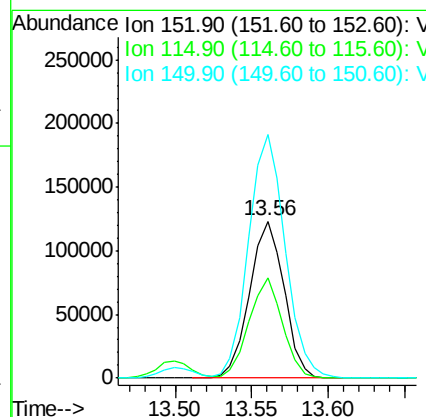
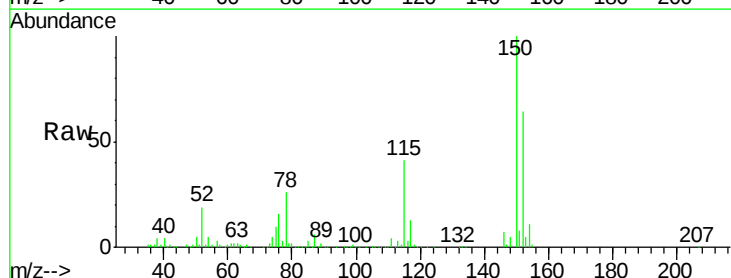
Manual Integrations  
APPROVED

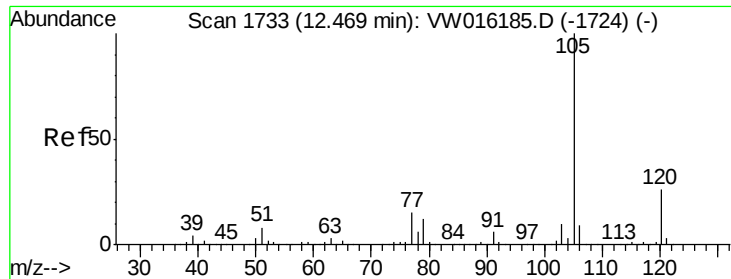
MMDadoda  
8/17/2020 5:46:38 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.1  | 30.9  | 92.5  |
| 150     | 164.5 | 0.0   | 337.8 |





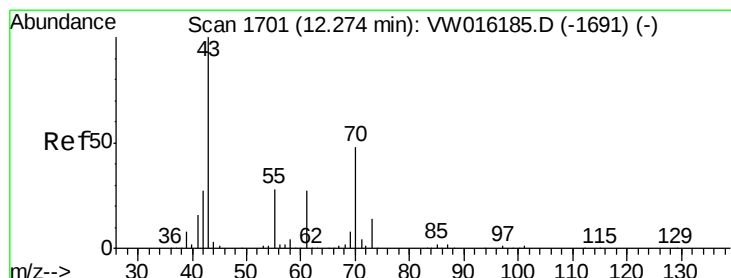
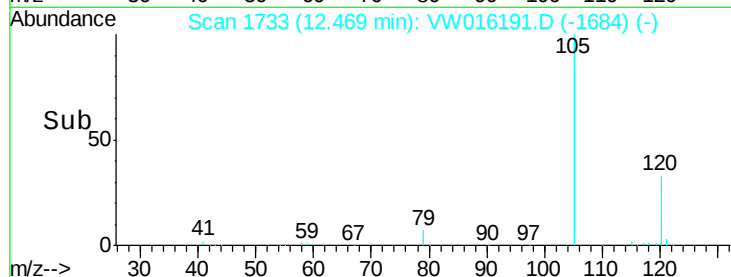
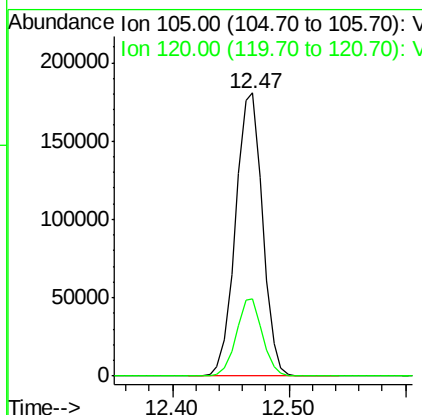
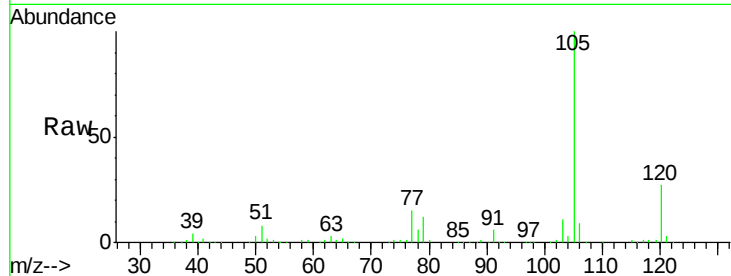
#73  
Isopropylbenzene  
Concen: 19.771 ug/l  
RT: 12.47 min Scan# 1733  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.4  | 13.2  | 39.6  |

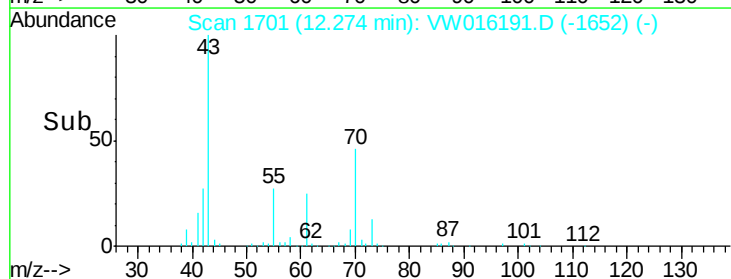
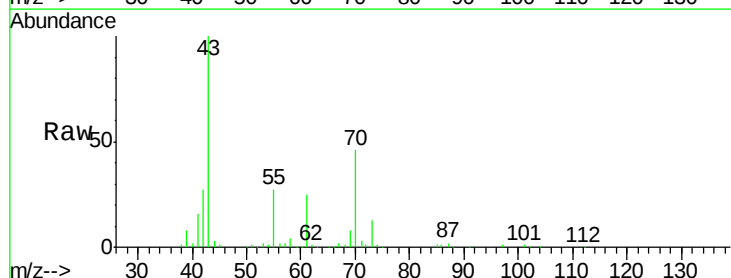
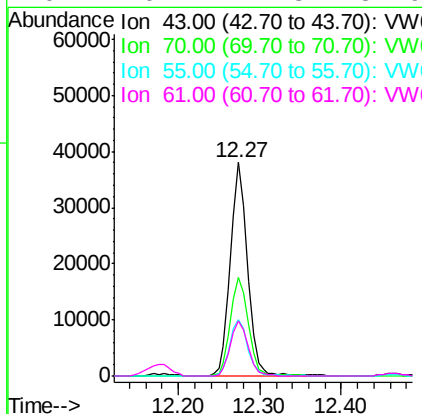
Manual Integrations  
APPROVED

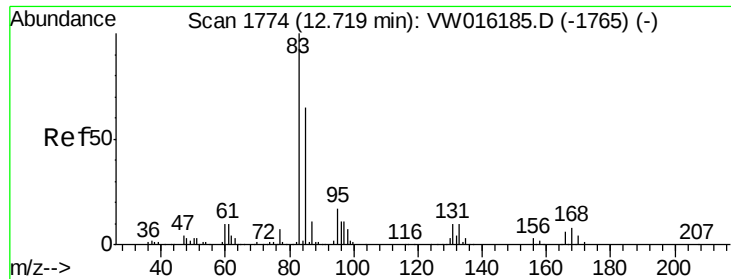
MMDadoda  
8/17/2020 5:46:38 PM



#74  
N-ethyl acetate  
Concen: 20.839 ug/l  
RT: 12.27 min Scan# 1701  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 47.8  | 38.6  | 58.0  |
| 55      | 27.3  | 22.2  | 33.2  |
| 61      | 26.4  | 21.3  | 31.9  |





#75

1,1,2,2-Tetrachloroethane

Concen: 19.969 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

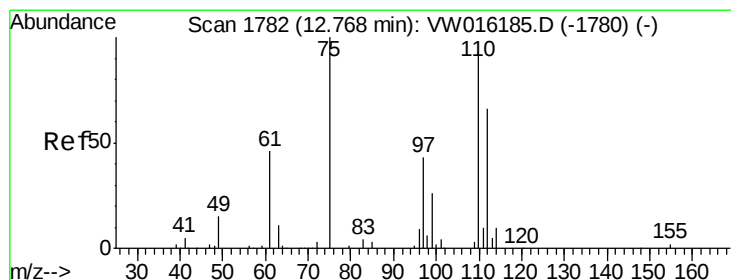
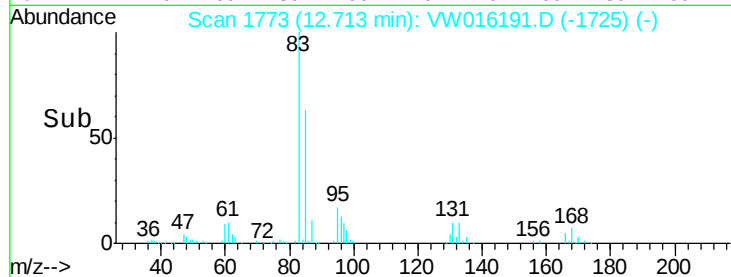
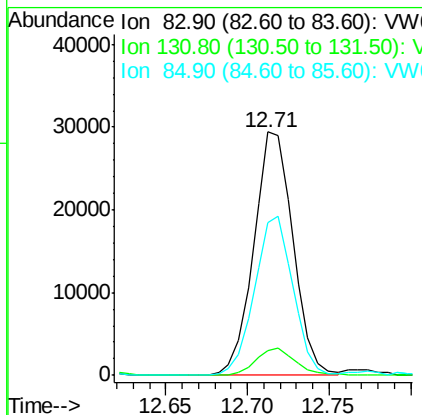
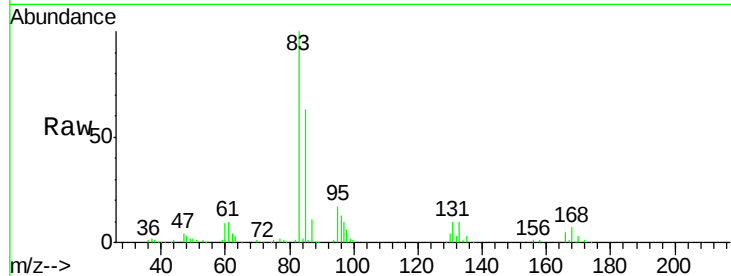
ClientSampleId :

VW0814SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 49292 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.4  | 5.6   | 16.8  |
| 85        | 64.0  | 31.3  | 93.9  |

Manual Integrations  
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8/17/2020 5:46:38 PM



#76

1,2,3-Trichloropropane

Concen: 19.535 ug/l m

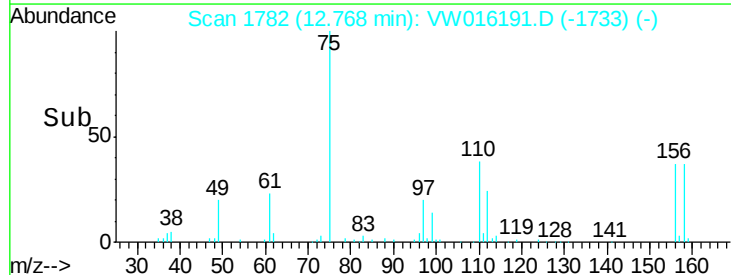
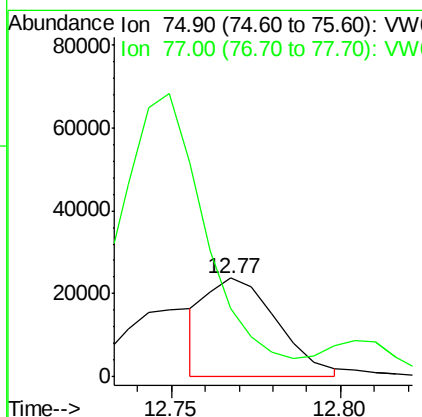
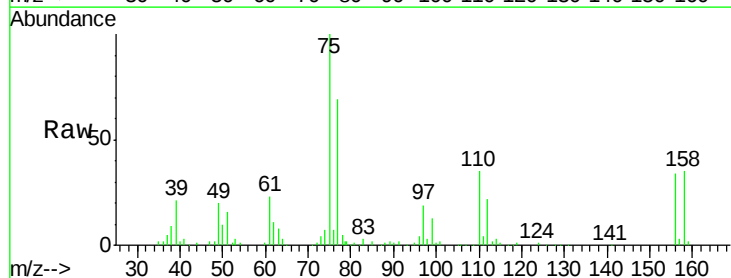
RT: 12.77 min Scan# 1782

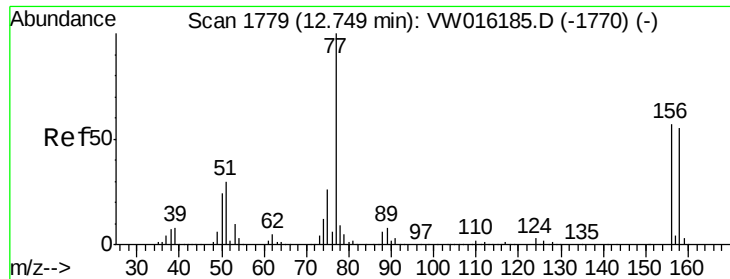
Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 34780 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 351.8 | 173.6 | 520.6 |





#77

Bromobenzene

Concen: 19.363 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

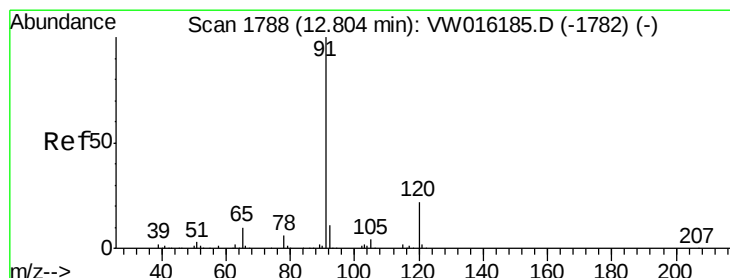
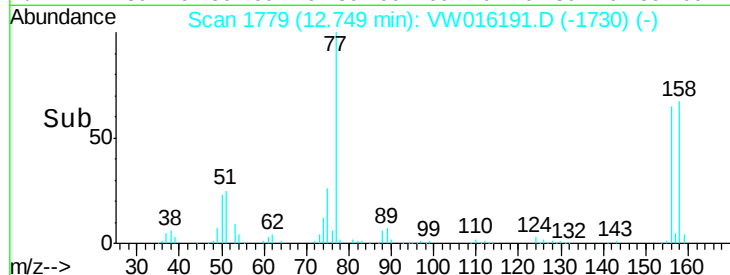
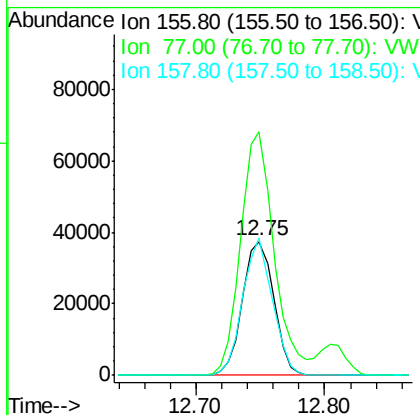
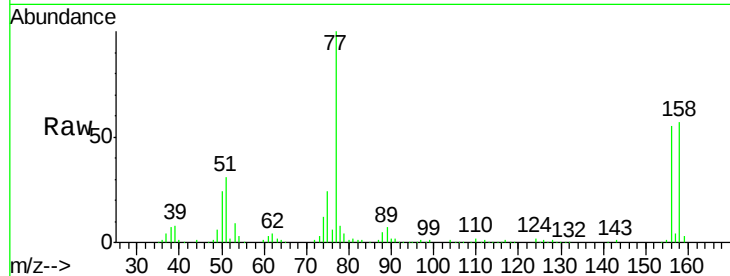
ClientSampleId :

VW0814SBSD01

| Tot Ion   | 156   | Resp  | 63181 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 193.7 | 97.9  | 293.6 |
| 158       | 96.6  | 49.0  | 147.2 |

Manual Integrations  
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8/17/2020 5:46:38 PM



#78

n-propylbenzene

Concen: 19.907 ug/l

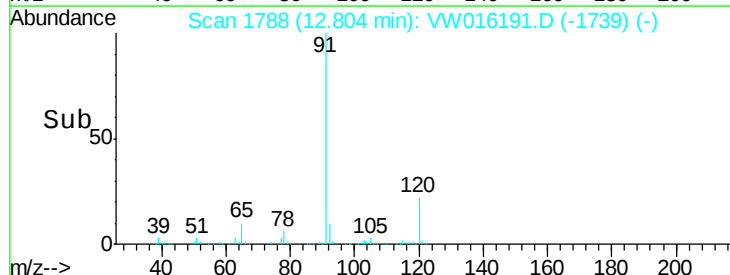
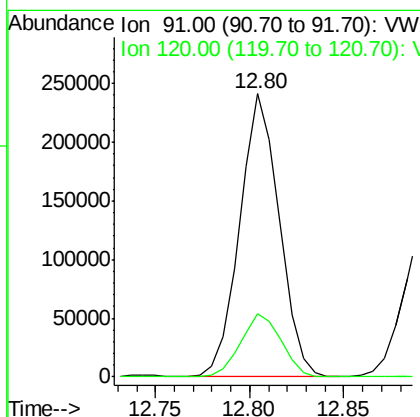
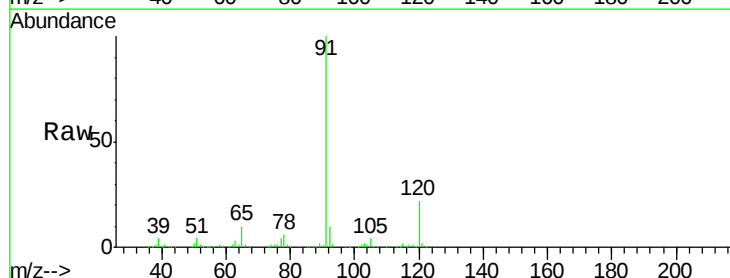
RT: 12.80 min Scan# 1788

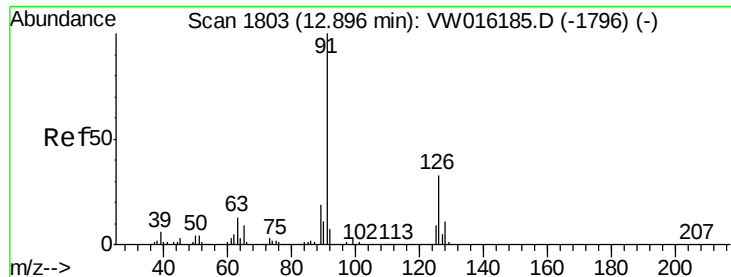
Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

| Tgt Ion   | 91    | Resp  | 350523 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.1  | 11.6  | 34.7   |





#79

2-Chlorotoluene

Concen: 19.866 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA\_W

ClientSampleId :

VW0814SBSD01

Tot Ion: 91 Resp: 202068

Ion Ratio Lower Upper

91 100

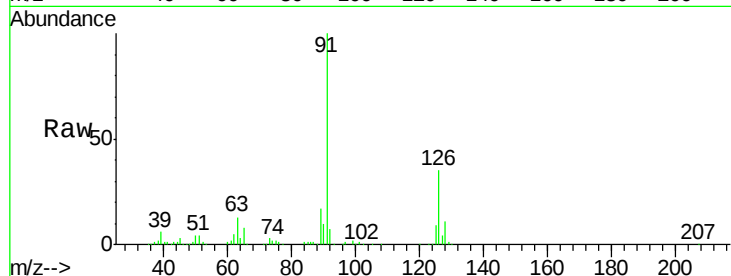
126 33.7 16.4 49.2

Manual Integrations

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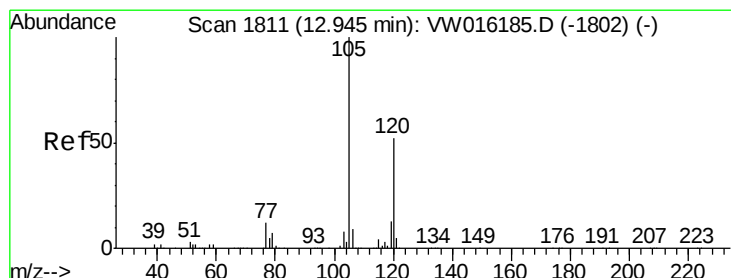
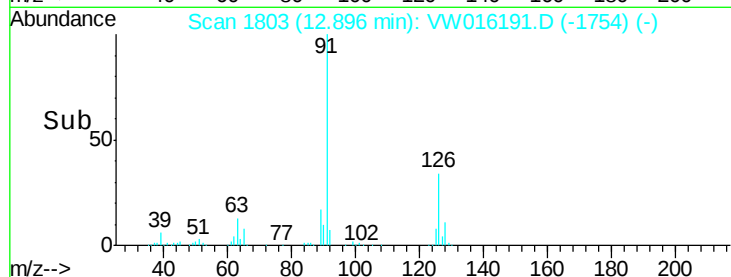
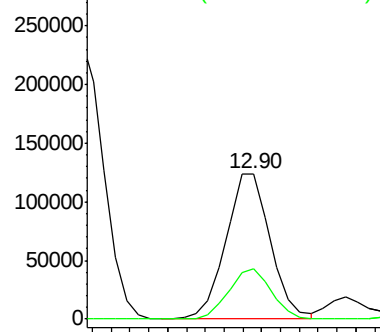
MMDadoda

8/17/2020 5:46:38 PM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.143 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW016191.D

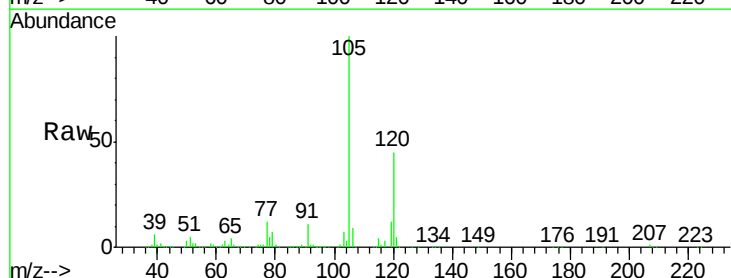
Acq: 14 Aug 2020 14:49

Tgt Ion:105 Resp: 255083

Ion Ratio Lower Upper

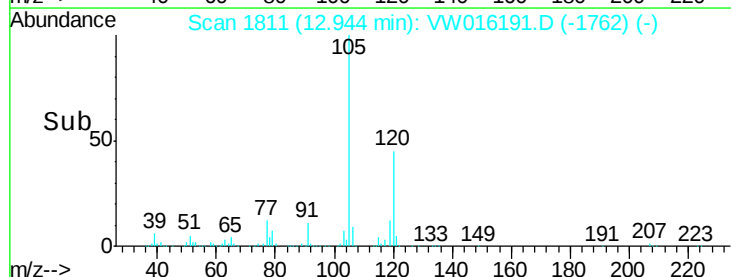
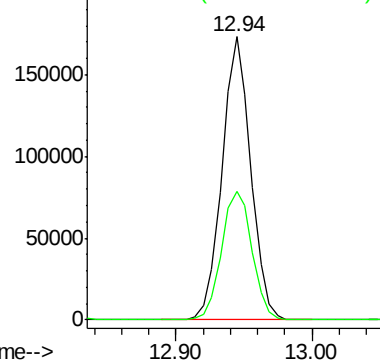
105 100

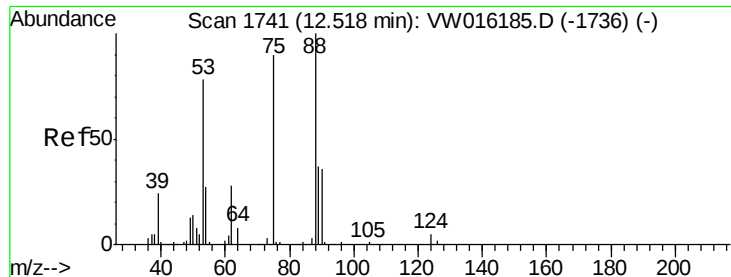
120 48.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





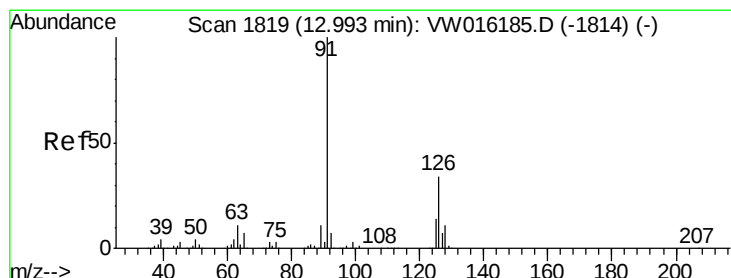
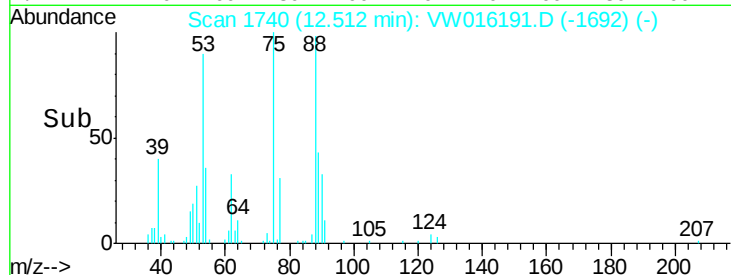
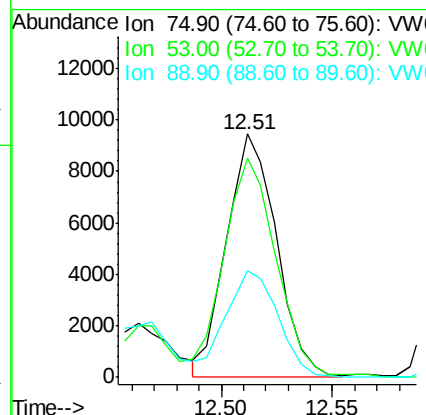
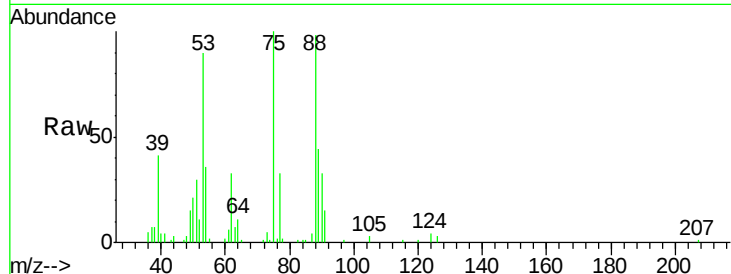
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.841 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 96.0  | 74.6  | 111.8 |
| 89      | 46.2  | 37.2  | 55.8  |

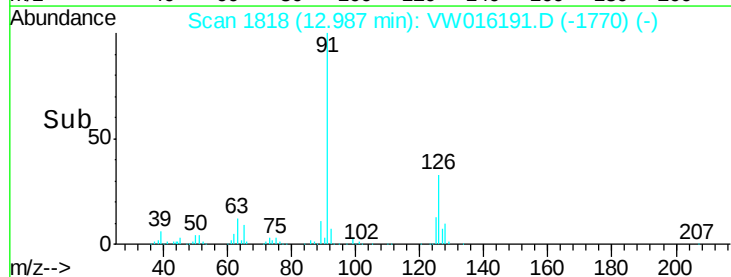
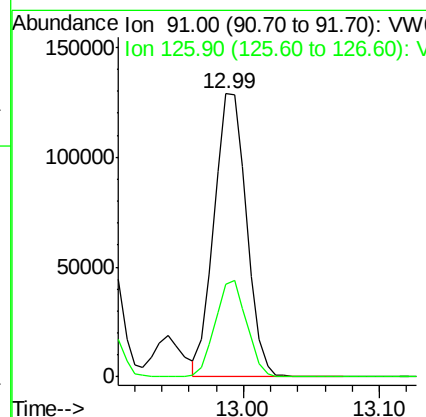
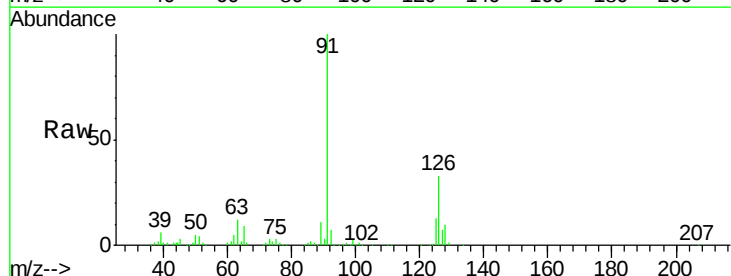
Manual Integrations  
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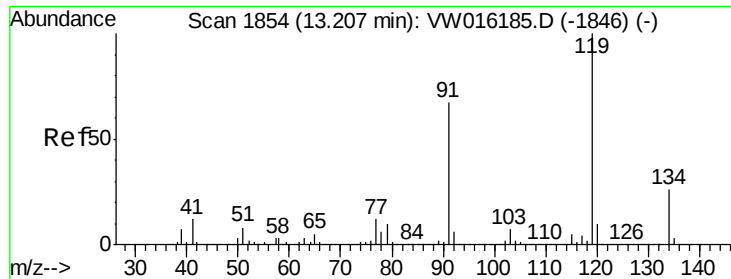
MMDadoda  
8/17/2020 5:46:38 PM



#82  
4-Chlorotoluene  
Concen: 20.071 ug/l  
RT: 12.99 min Scan# 1818  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.2  | 16.6  | 49.8  |





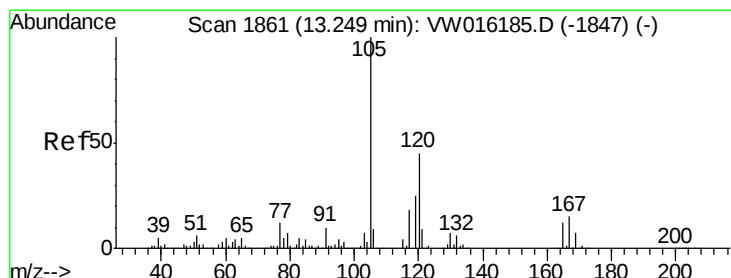
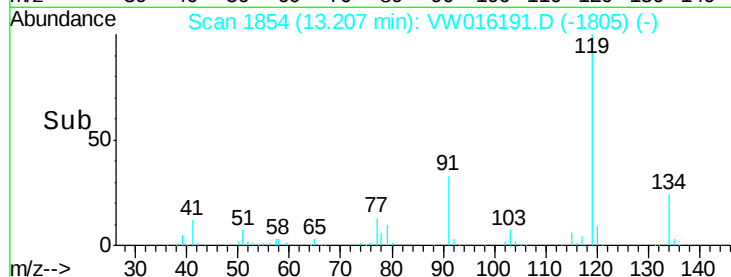
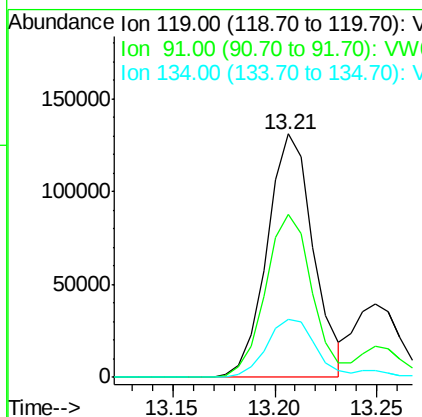
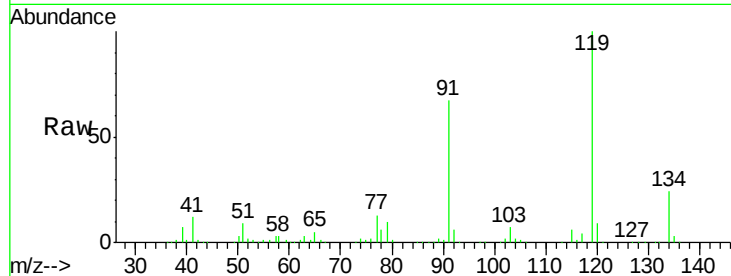
#83  
tert-Butylbenzene  
Concen: 19.963 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 207185 |       |       |
| 91      | 68.5  | 33.3   | 99.9  |       |
| 134     | 25.3  | 13.5   | 40.5  |       |

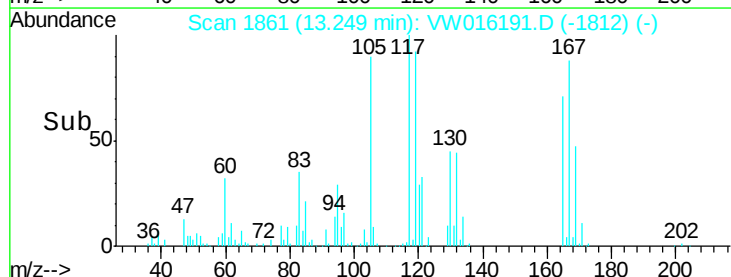
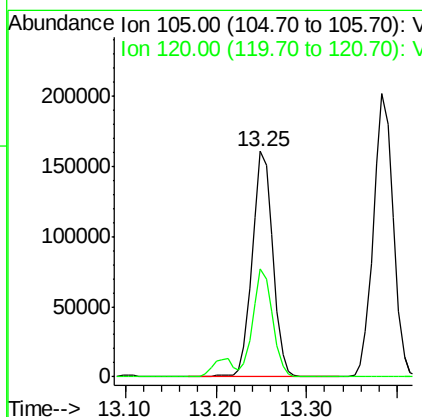
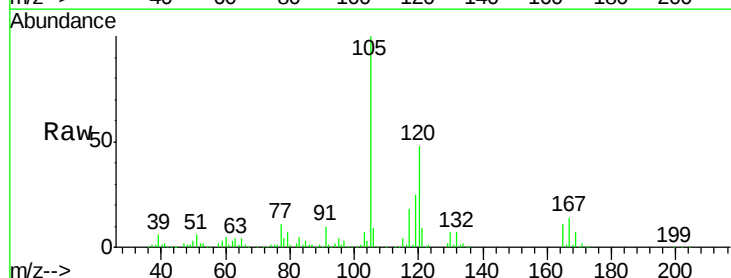
Manual Integrations  
APPROVED

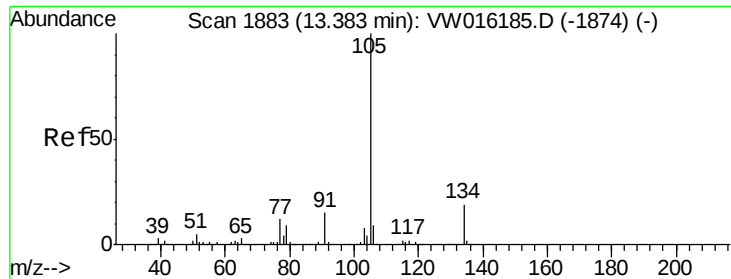
MMDadoda  
8/17/2020 5:46:38 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 20.183 ug/l  
RT: 13.25 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 252911 |       |       |
| 120     | 45.4  | 22.2   | 66.6  |       |





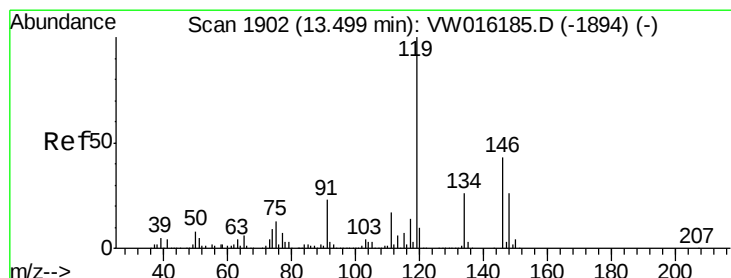
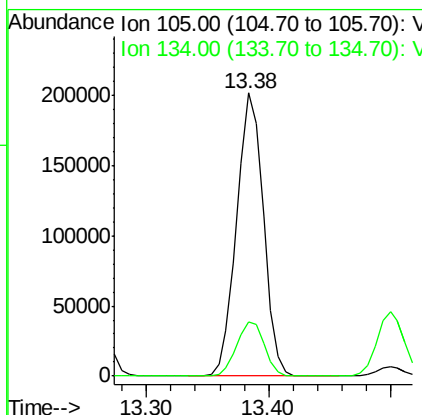
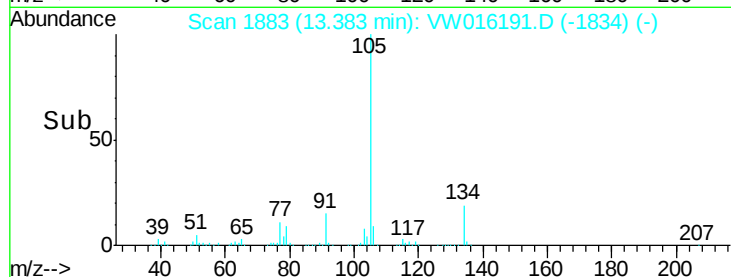
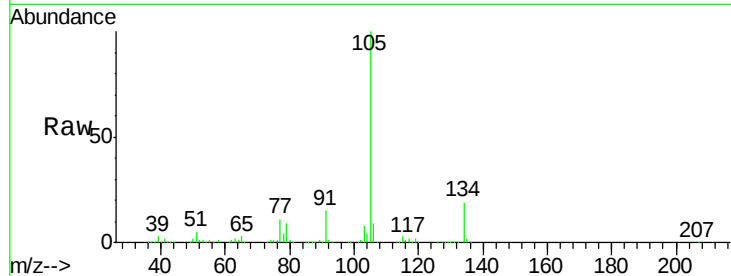
#85  
 sec-Butylbenzene  
 Concen: 20.242 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0814SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 305331 |       |       |
| 134     | 19.8  | 9.8    | 29.4  |       |

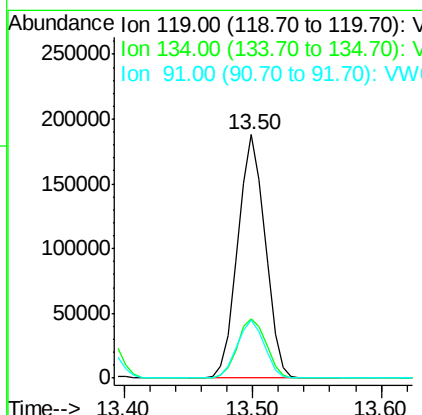
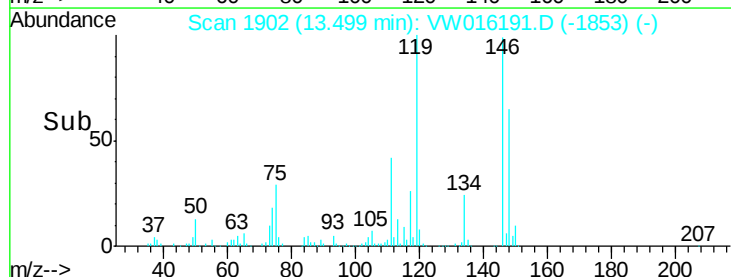
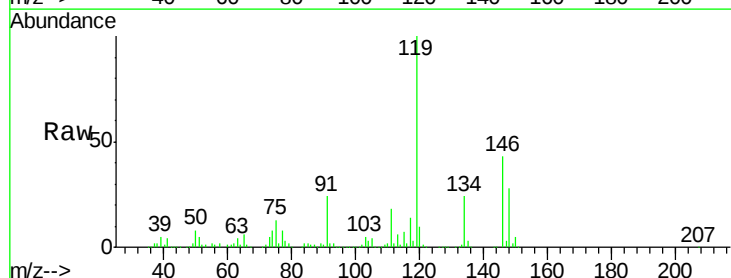
Manual Integrations  
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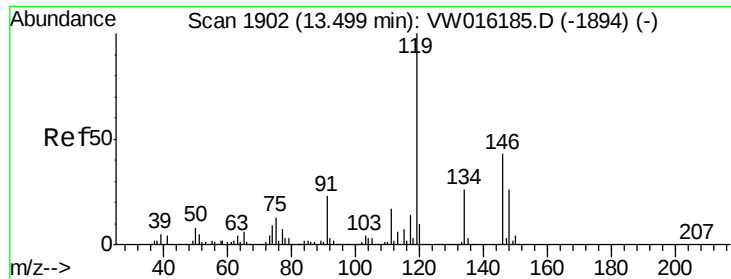
MMDadoda  
 8/17/2020 5:46:38 PM



#86  
 p-Isopropyltoluene  
 Concen: 20.324 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 277283 |       |       |
| 134     | 25.4  | 12.8   | 38.4  |       |
| 91      | 23.7  | 11.8   | 35.3  |       |





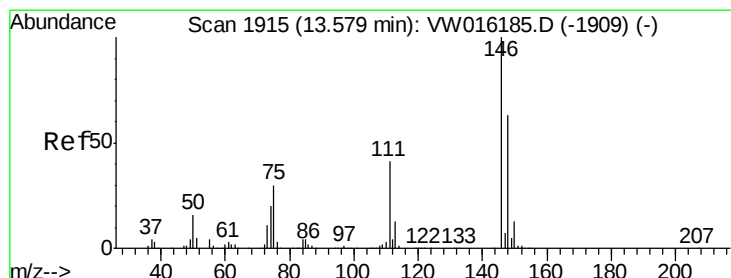
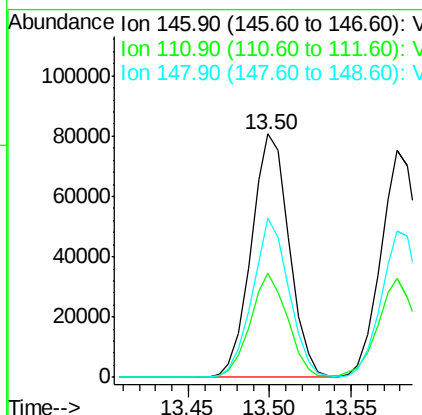
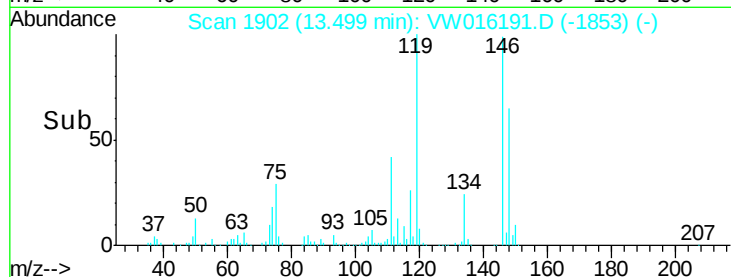
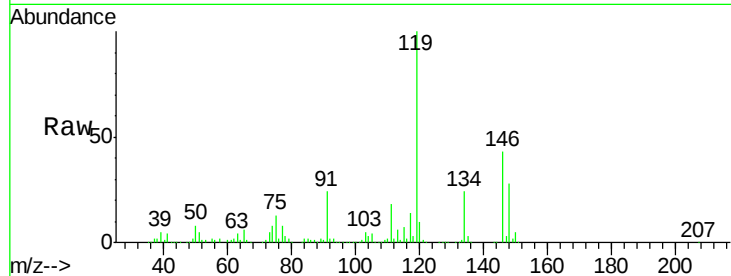
#87  
 1,3-Dichlorobenzene  
 Concen: 19.849 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0814SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.2  | 20.8  | 62.5  |
| 148     | 63.0  | 31.1  | 93.5  |

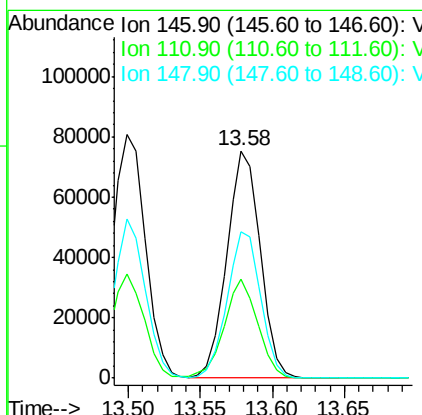
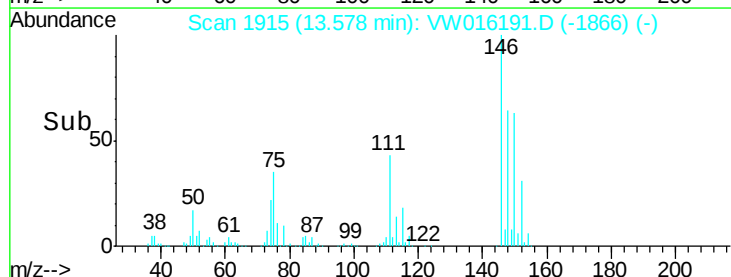
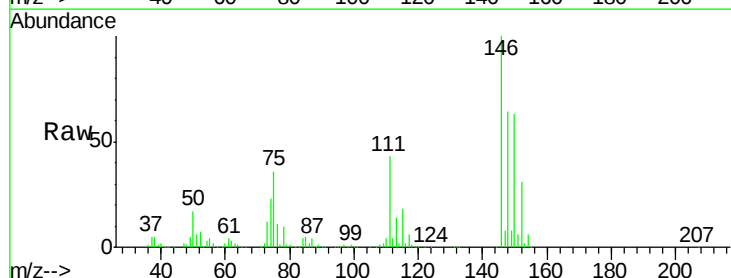
Manual Integrations  
 APPROVED

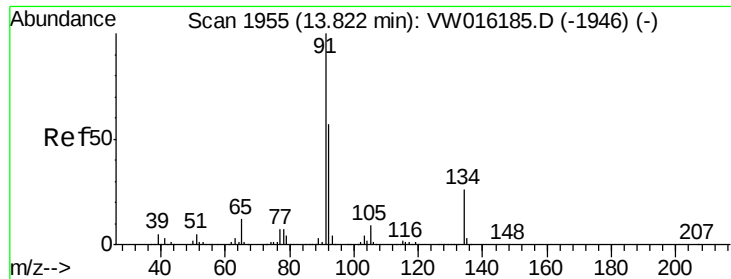
MMDadoda  
 8/17/2020 5:46:38 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 19.026 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.0  | 20.8  | 62.2  |
| 148     | 64.9  | 32.1  | 96.3  |





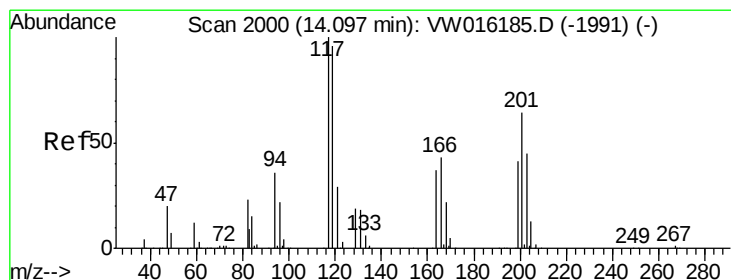
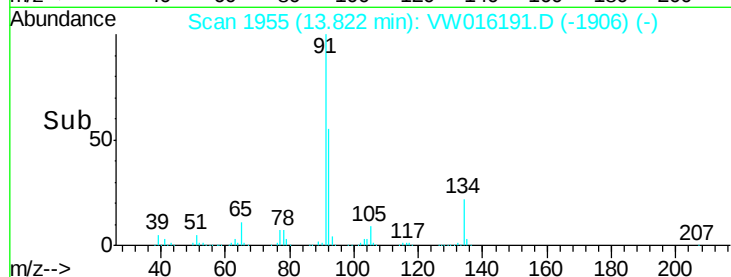
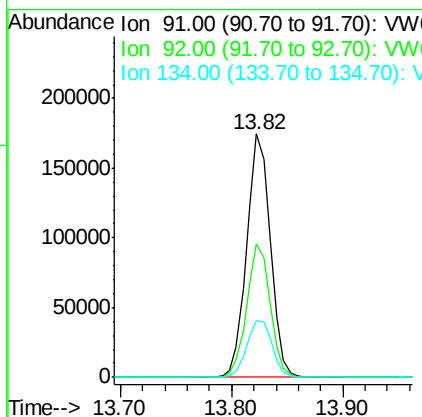
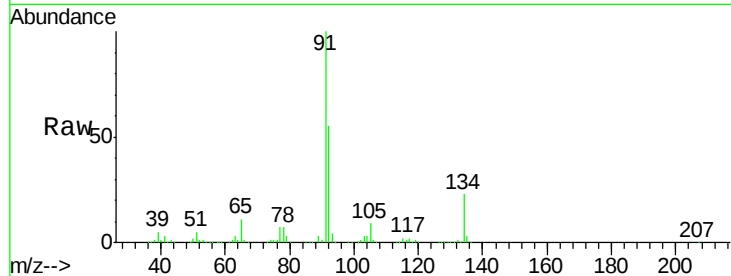
#89  
n-Butylbenzene  
Concen: 20.411 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. -0.00 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 257618 |       |       |
| 92      | 54.3  |        | 27.4  | 82.2  |
| 134     | 25.0  |        | 13.0  | 39.0  |

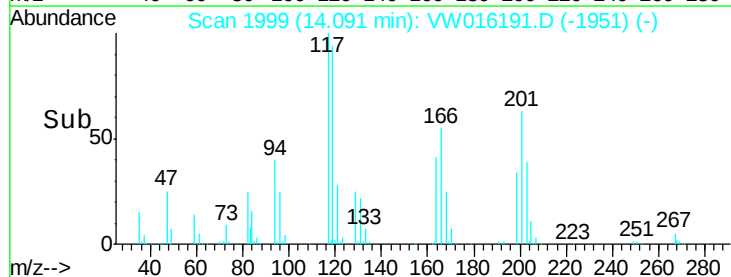
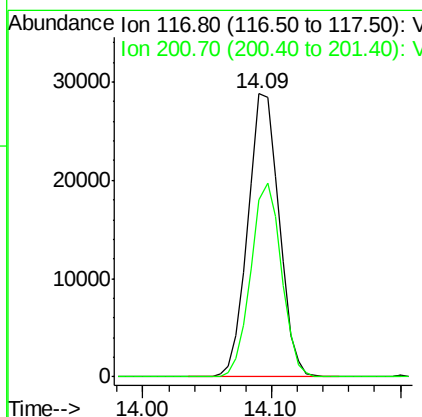
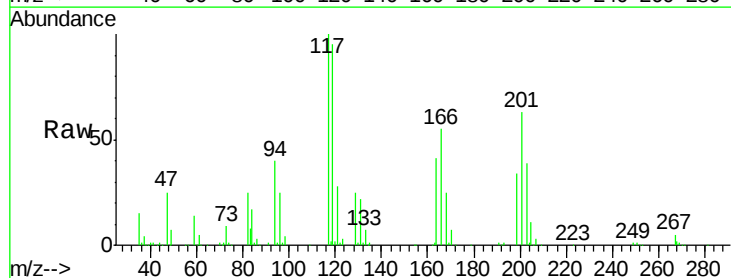
Manual Integrations  
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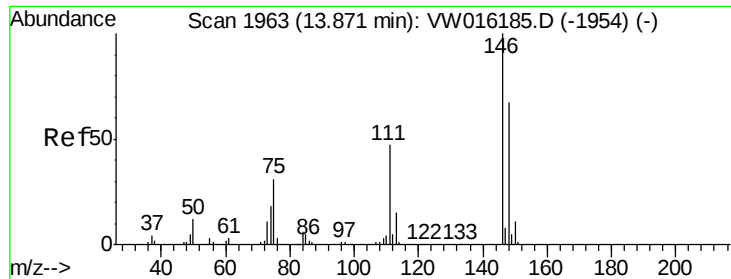
MMDadoda  
8/17/2020 5:46:38 PM



#90  
Hexachloroethane  
Concen: 18.919 ug/l  
RT: 14.09 min Scan# 1999  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 48169 |       |       |
| 201     | 66.9  |       | 33.8  | 101.3 |





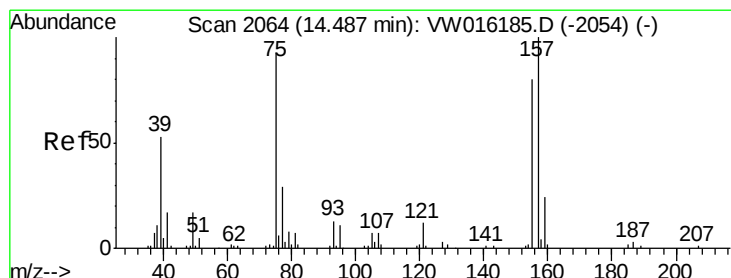
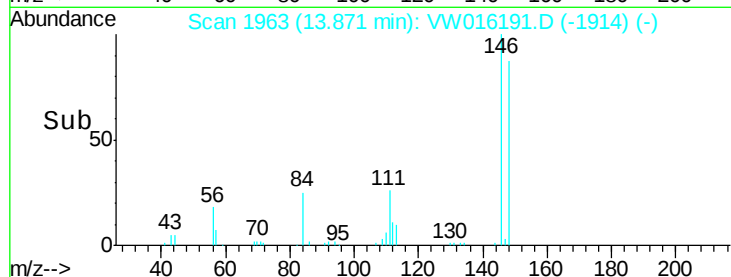
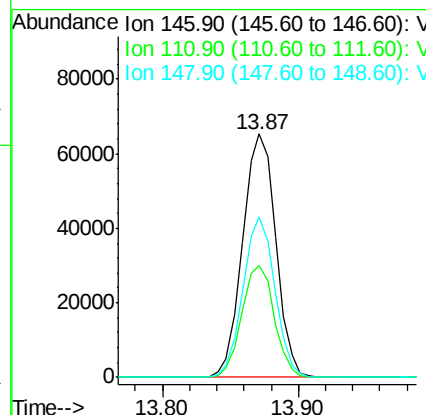
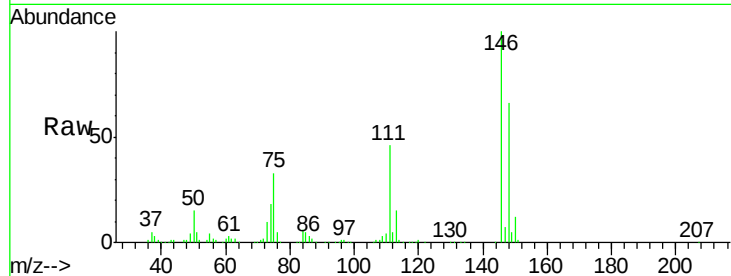
#91  
 1,2-Dichlorobenzene  
 Concen: 19.524 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0814SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.9  | 21.9  | 65.8  |
| 148     | 63.4  | 32.1  | 96.3  |

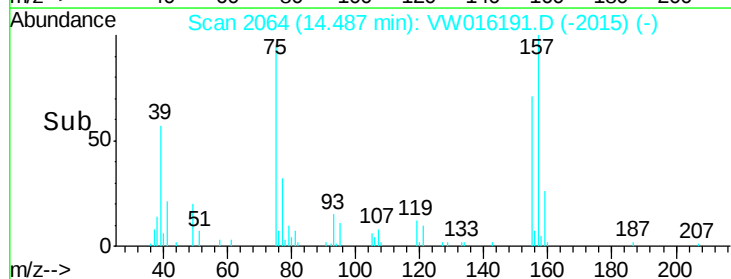
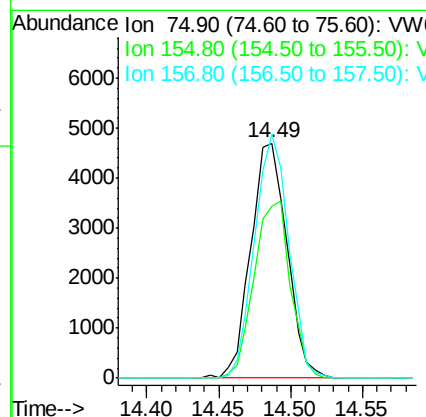
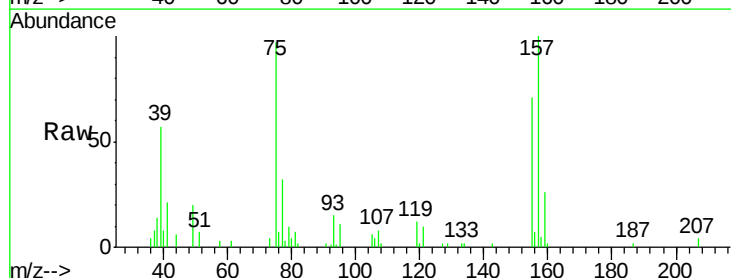
Manual Integrations  
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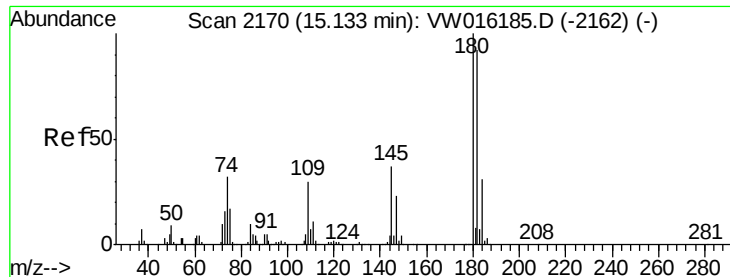
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.531 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 75.2  | 41.3  | 124.1 |
| 157     | 97.9  | 53.0  | 159.0 |





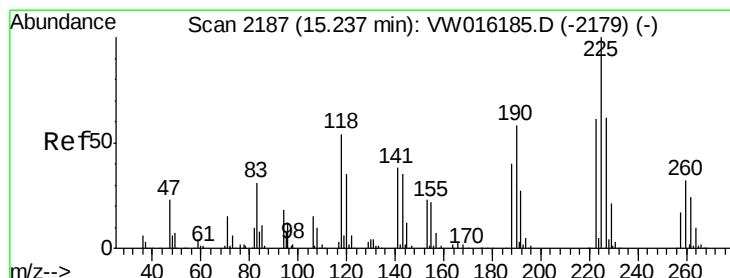
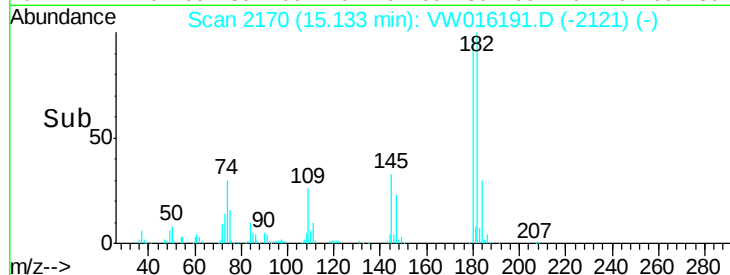
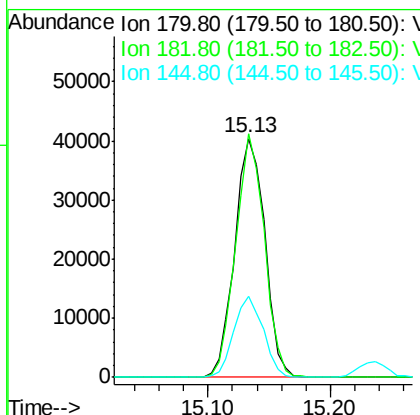
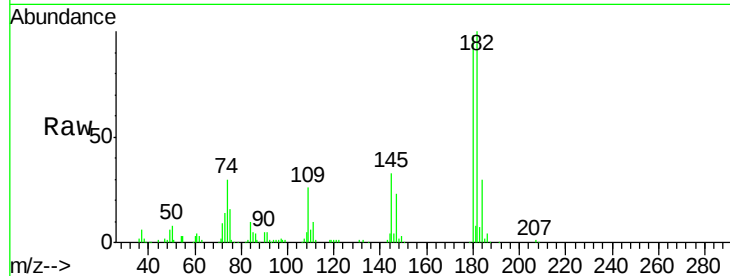
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.308 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0814SBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 68993 |       |       |
| 182     | 96.7  | 46.0  | 138.0 |       |
| 145     | 33.1  | 16.9  | 50.7  |       |

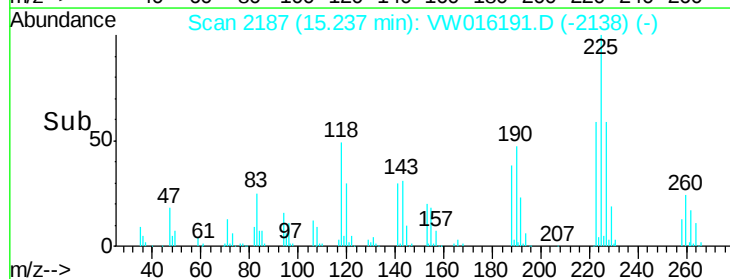
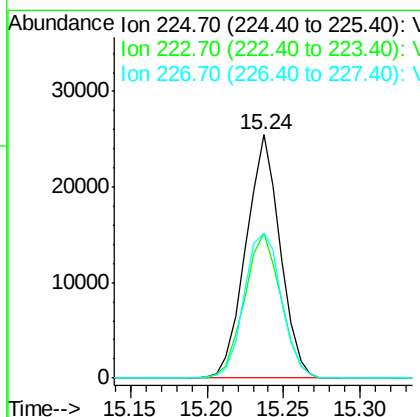
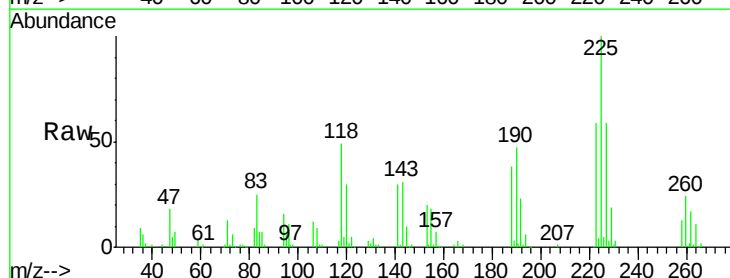
Manual Integrations  
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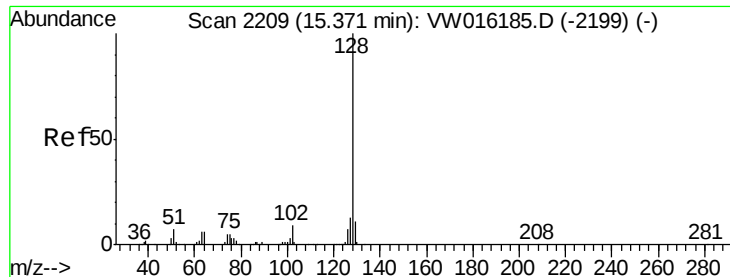
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 8/17/2020 5:46:38 PM



#94  
 Hexachlorobutadiene  
 Concen: 19.593 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: VW016191.D  
 Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 39575 |       |       |
| 223     | 63.4  | 33.0  | 99.0  |       |
| 227     | 65.2  | 32.0  | 96.2  |       |





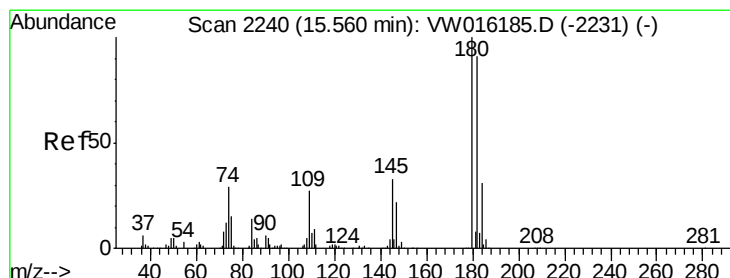
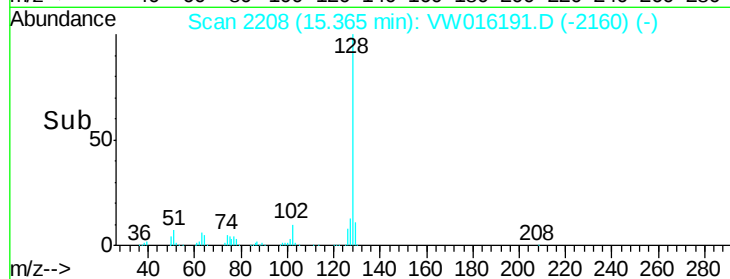
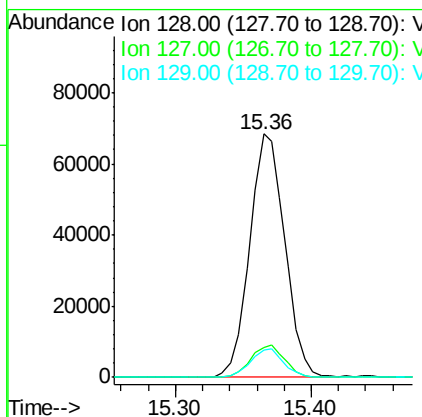
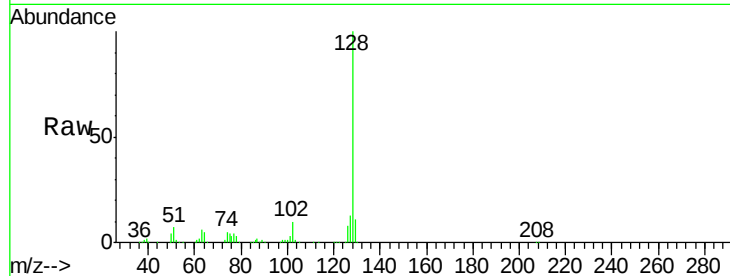
#95  
Naphthalene  
Concen: 19.734 ug/l  
RT: 15.36 min Scan# 2208  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0814SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.2  | 15.4  |
| 129     | 11.1  | 8.7   | 13.1  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 20.585 ug/l  
RT: 15.55 min Scan# 2239  
Delta R.T. -0.01 min  
Lab File: VW016191.D  
Acq: 14 Aug 2020 14:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 90.0  | 47.7  | 143.1 |
| 145     | 34.8  | 17.4  | 52.3  |

