

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092419\  
 Data File : VW013270.D  
 Acq On : 24 Sep 2019 12:36  
 Operator : SY/VA  
 Sample : VW0924SBSD01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0924SBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 9/26/2019 12:37:50 AM

Quant Time: Sep 25 07:42:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W092019S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 20 15:58:08 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 333888   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 478048   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 413361   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 208592   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 130065   | 47.73 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.46% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 127649   | 48.55 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.10% |      |
| 50) Toluene-d8            | 10.32  | 98  | 537311   | 48.83 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.66% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 187353   | 49.84 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.68% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 38562  | 20.022  | ug/l   | 98     |
| 3) Chloromethane              | 2.21 | 50  | 48456  | 19.572  | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.35 | 62  | 63462  | 19.883  | ug/l   | 93     |
| 5) Bromomethane               | 2.77 | 94  | 37562  | 18.570  | ug/l   | 93     |
| 6) Chloroethane               | 2.91 | 64  | 35933  | 19.099  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 33923  | 18.432  | ug/l   | 95     |
| 8) Diethyl Ether              | 3.68 | 74  | 31071  | 19.765  | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 59639  | 19.903  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.26 | 142 | 91016  | 19.592  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.18 | 59  | 26368  | 129.548 | ug/l # | 91     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 61415  | 19.793  | ug/l   | 92     |
| 13) Acrolein                  | 3.89 | 56  | 16214  | 103.362 | ug/l   | 97     |
| 14) Allyl chloride            | 4.67 | 41  | 96022  | 19.445  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.37 | 53  | 74946  | 110.453 | ug/l   | 98     |
| 16) Acetone                   | 4.12 | 43  | 63475  | 103.292 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.38 | 76  | 172997 | 19.290  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.67 | 43  | 38055  | 22.030  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 97214  | 20.442  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.92 | 84  | 63608  | 18.403  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 66679  | 19.882  | ug/l   | 98     |
| 22) Diisopropyl ether         | 6.31 | 45  | 184174 | 19.613  | ug/l   | 96     |
| 23) Vinyl Acetate             | 6.25 | 43  | 569206 | 102.174 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 112903 | 19.925  | ug/l   | 98     |
| 25) 2-Butanone                | 7.17 | 43  | 101668 | 110.210 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 7.16 | 77  | 71708  | 19.090  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 70206  | 19.837  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 36981  | 17.004  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.53 | 42  | 64000  | 113.127 | ug/l   | 99     |
| 30) Chloroform                | 7.67 | 83  | 105486 | 19.014  | ug/l   | 98     |
| 31) Cyclohexane               | 7.95 | 56  | 119803 | 20.282  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 88645  | 19.729  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 92606  | 20.000  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.25 | 43  | 43894  | 22.305  | ug/l   | 100    |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 80698  | 19.442  | ug/l   | 96     |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VW0924SBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 9/26/2019 12:37:50 AM

Quant Time: Sep 25 07:42:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W092019S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 20 15:58:08 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 120863   | 20.312  | ug/l   | 96       |
| 40) Benzene                    | 8.32  | 78   | 258891   | 20.046  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.48  | 41   | 24240    | 20.639  | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 66613    | 19.187  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.42  | 43   | 79651    | 21.119  | ug/l   | 98       |
| 44) Trichloroethene            | 9.09  | 130  | 72387    | 19.977  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 62108    | 19.697  | ug/l   | 98       |
| 46) Dibromomethane             | 9.46  | 93   | 30581    | 19.977  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 73589    | 18.892  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.44  | 41   | 37290    | 21.026  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 11588    | 504.291 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 211371   | 111.791 | ug/l   | 99       |
| 52) Toluene                    | 10.38 | 92   | 162187   | 19.594  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 80298    | 20.065  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 94991    | 19.522  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 44560    | 19.475  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 63974    | 21.364  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 79963    | 20.027  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 148653   | 107.231 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.97 | 43   | 147128   | 113.102 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 51401    | 19.784  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 45606    | 20.963  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.86 | 164  | 61976    | 19.761  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.66 | 112  | 169904   | 19.683  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 57342    | 19.445  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.73 | 91   | 314174   | 20.088  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.84 | 106  | 240207   | 40.305  | ug/l   | 99       |
| 69) o-Xylene                   | 12.16 | 106  | 110995   | 20.032  | ug/l   | 97       |
| 70) Styrene                    | 12.18 | 104  | 189735   | 19.946  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 30772    | 19.752  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.46 | 105  | 307885   | 19.981  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 71510    | 20.914  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 54815    | 21.271  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 35490m   | 19.266  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 71157    | 19.487  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.80 | 91   | 364662   | 20.218  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 203846   | 20.173  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 262696   | 20.281  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 17725    | 21.591  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 212360   | 19.929  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 230687   | 20.291  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 262436   | 20.361  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 318393   | 20.313  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 292982   | 20.153  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 137318   | 19.540  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 139297   | 20.211  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.82 | 91   | 271177   | 20.429  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.09 | 117  | 47762    | 19.557  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 122159   | 20.093  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.48 | 75   | 8810     | 22.351  | ug/l   | 93       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092419\  
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Acq On : 24 Sep 2019 12:36  
Operator : SY/VA  
Sample : VW0924SBSD01  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

Manual Integrations  
APPROVED

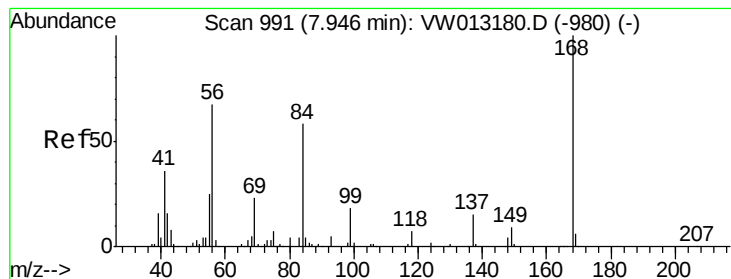
MMDadoda  
9/26/2019 12:37:50 AM

Quant Time: Sep 25 07:42:27 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W092019S.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 20 15:58:08 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 94263    | 21.637 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 61260    | 20.553 | ug/l  | 99       |
| 95) Naphthalene            | 15.36 | 128  | 173393   | 24.335 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.55 | 180  | 82227    | 21.843 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0924SBSD01

Tot Ion:168 Resp: 333888

Ion Ratio Lower Upper

168 100

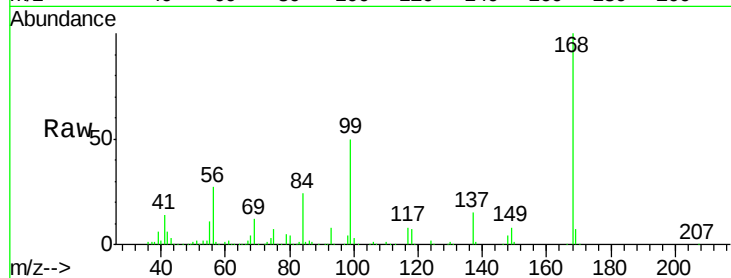
99 49.9 40.2 60.4

Manual Integrations

APPROVED

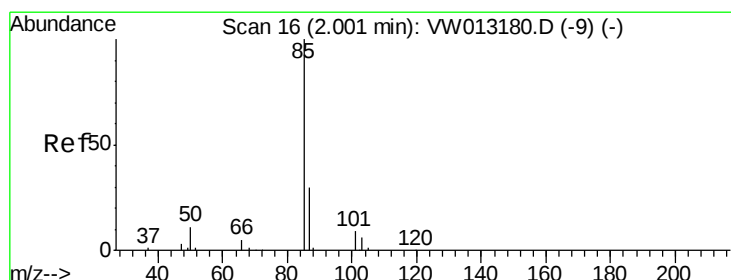
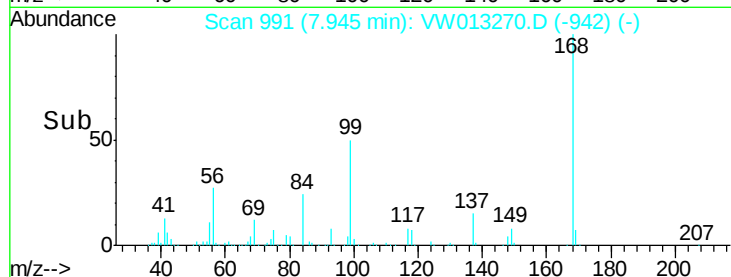
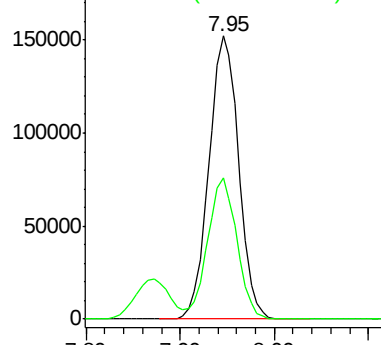
MMDadoda

9/26/2019 12:37:50 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.022 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW013270.D

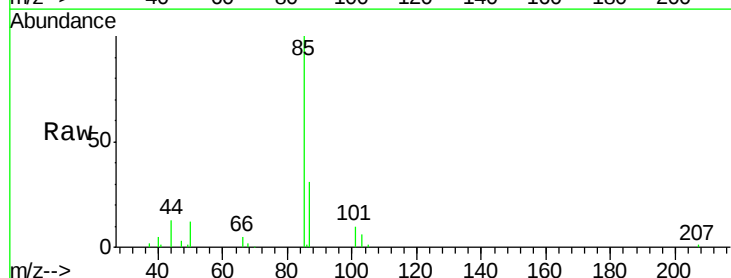
Acq: 24 Sep 2019 12:36

Tgt Ion: 85 Resp: 38562

Ion Ratio Lower Upper

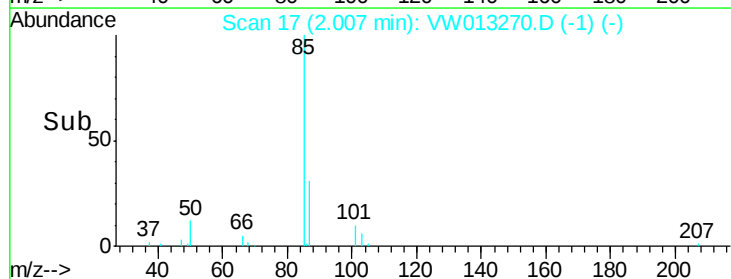
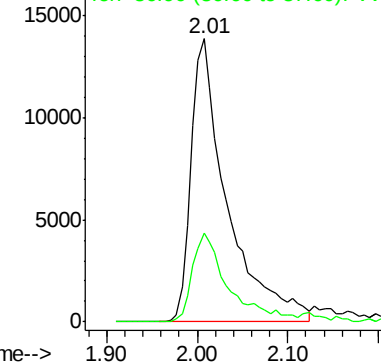
85 100

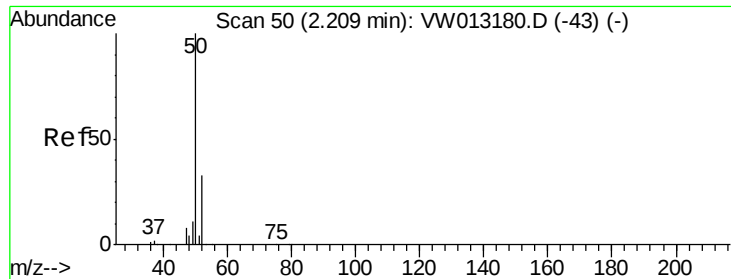
87 31.3 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.572 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0924SBSD01

Tot Ion: 50 Resp: 48456

Ion Ratio Lower Upper

50 100

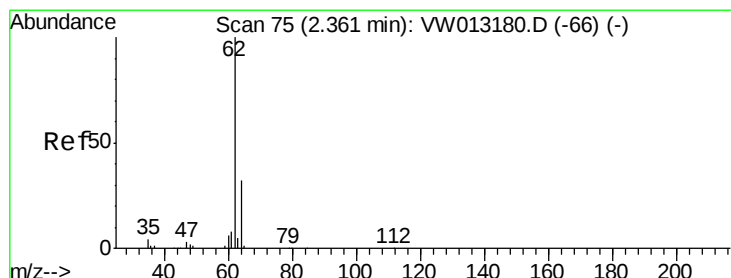
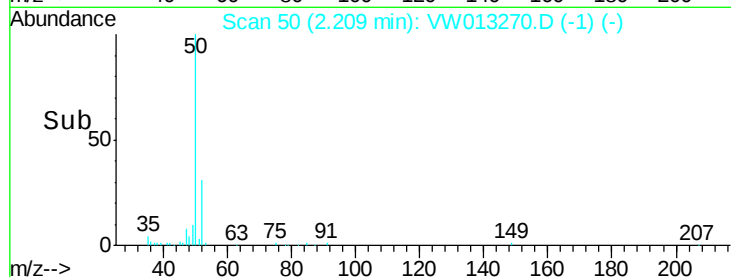
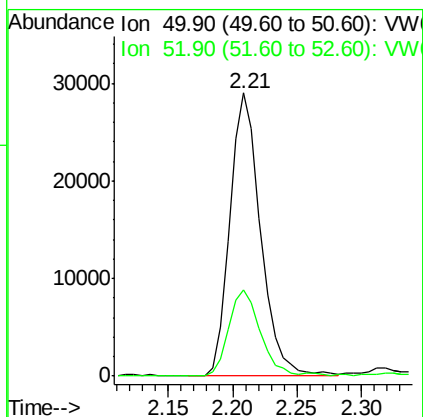
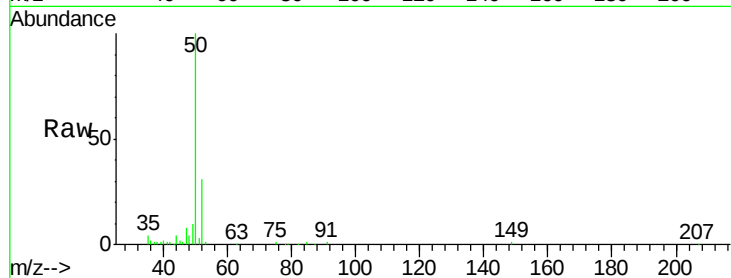
52 30.6 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

9/26/2019 12:37:50 AM



#4

Vinyl Chloride

Concen: 19.883 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW013270.D

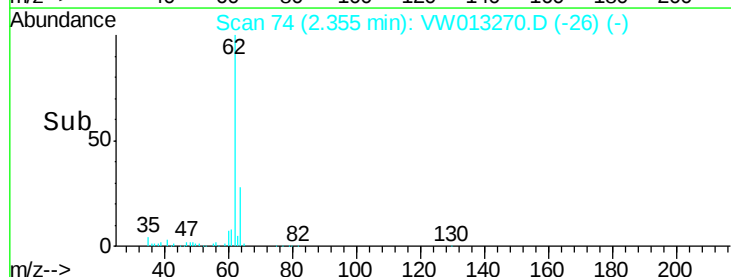
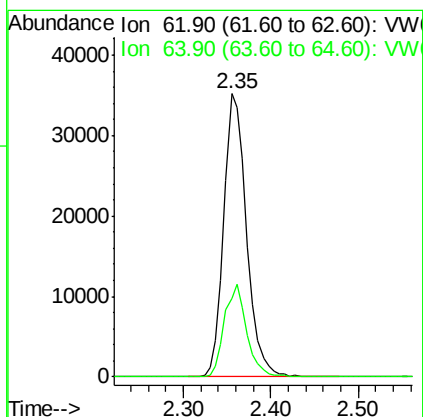
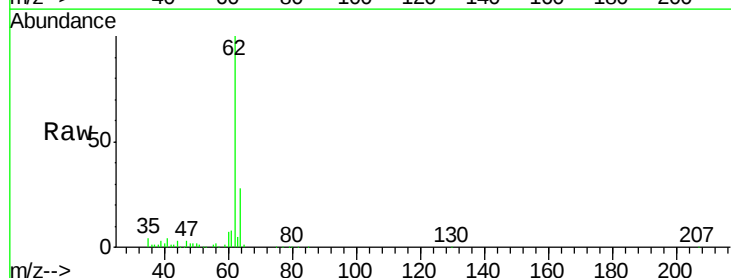
Acq: 24 Sep 2019 12:36

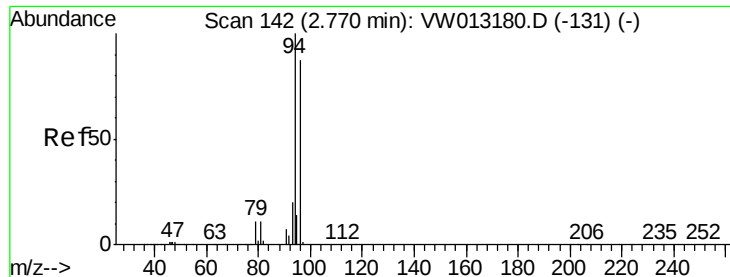
Tgt Ion: 62 Resp: 63462

Ion Ratio Lower Upper

62 100

64 27.9 25.3 37.9





#5

Bromomethane

Concen: 18.570 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0924SBSD01

Tot Ion: 94 Resp: 37562

Ion Ratio Lower Upper

94 100

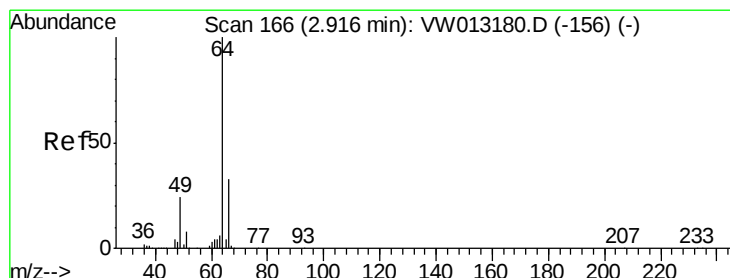
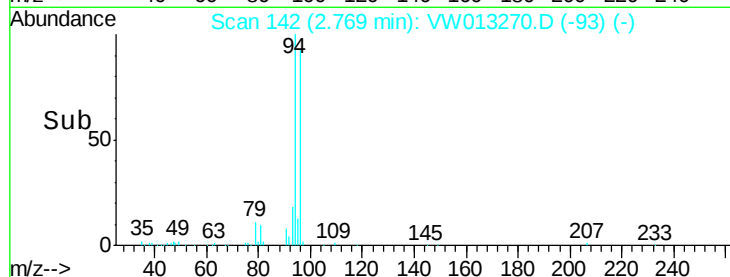
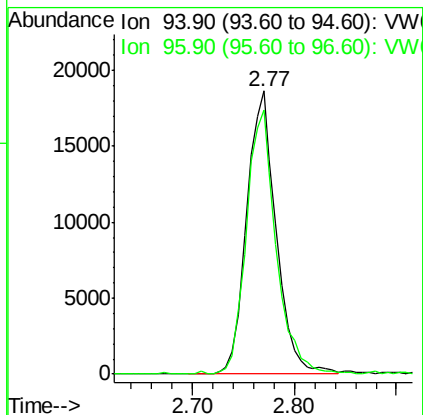
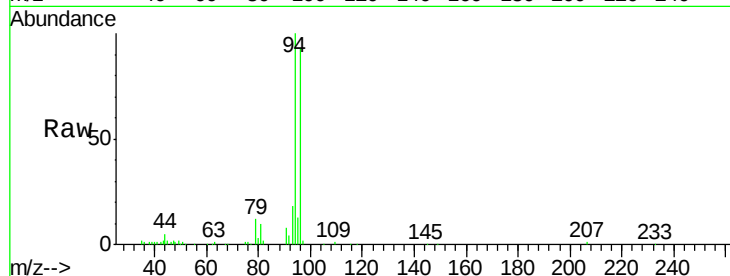
96 93.4 69.7 104.5

Manual Integrations

APPROVED

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9/26/2019 12:37:50 AM



#6

Chloroethane

Concen: 19.099 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013270.D

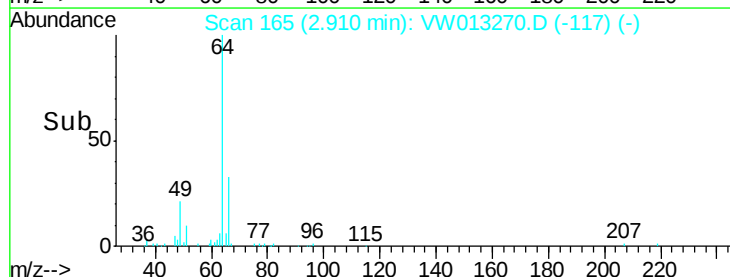
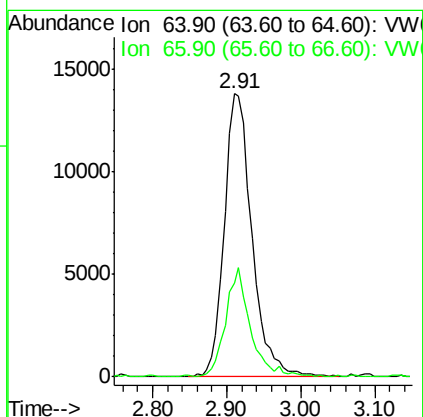
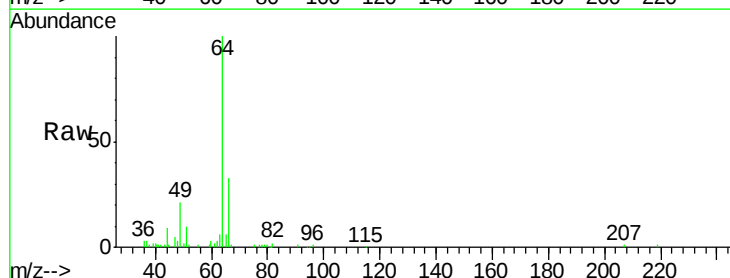
Acq: 24 Sep 2019 12:36

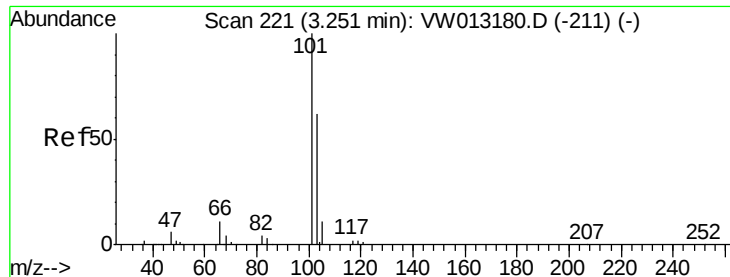
Tgt Ion: 64 Resp: 35933

Ion Ratio Lower Upper

64 100

66 32.7 26.6 39.8





#7

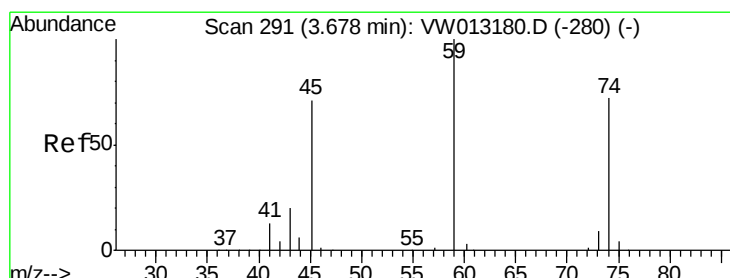
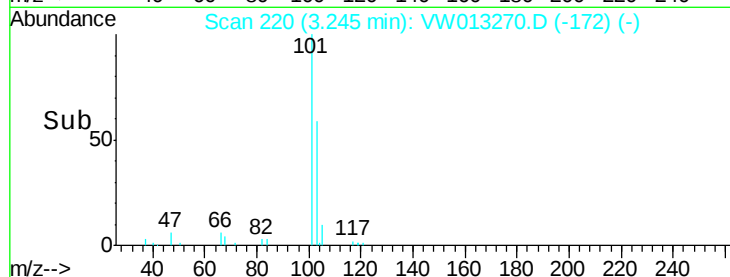
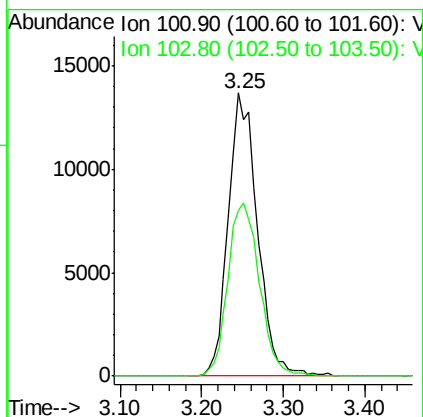
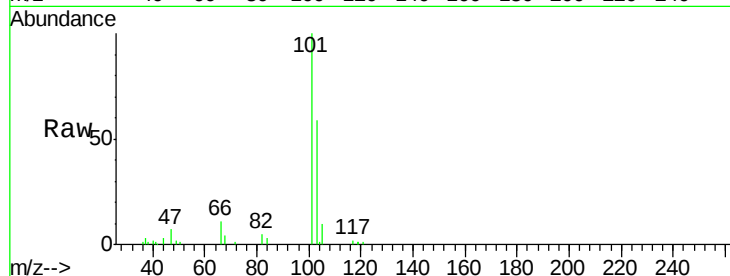
Trichlorofluoromethane  
Concen: 18.432 ug/l  
RT: 3.25 min Scan# 220  
Delta R.T. -0.01 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 58.6  | 49.7  | 74.5  |

Manual Integrations  
APPROVED

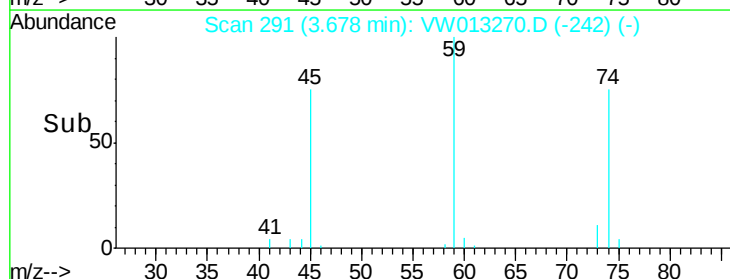
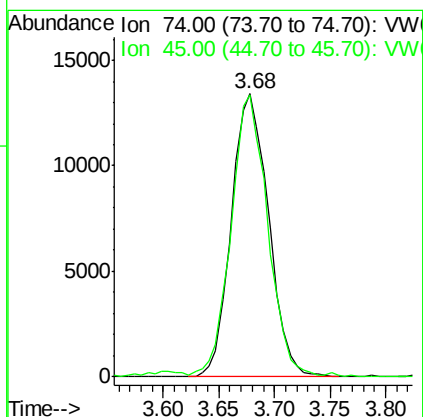
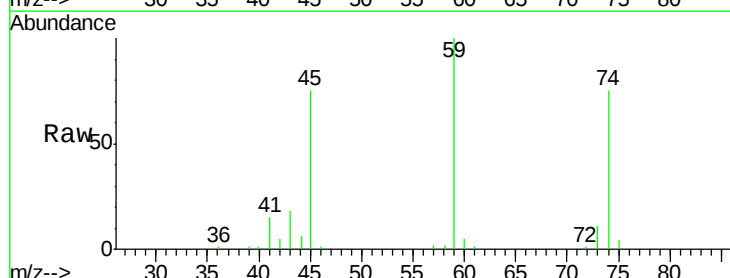
MMDadoda  
9/26/2019 12:37:50 AM

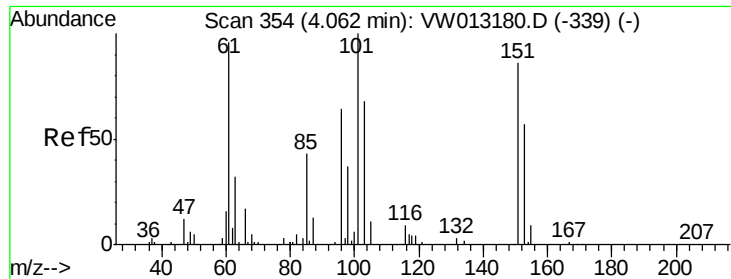


#8

Diethyl Ether  
Concen: 19.765 ug/l  
RT: 3.68 min Scan# 291  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 97.0  | 49.5  | 148.7 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.903 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

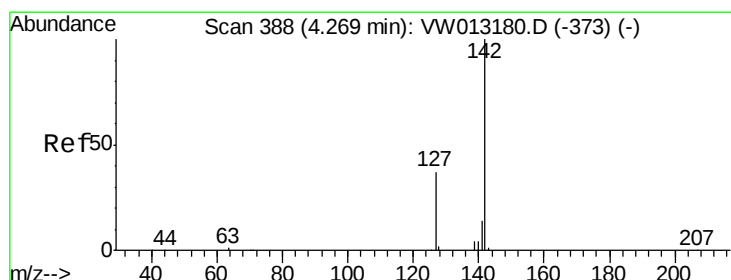
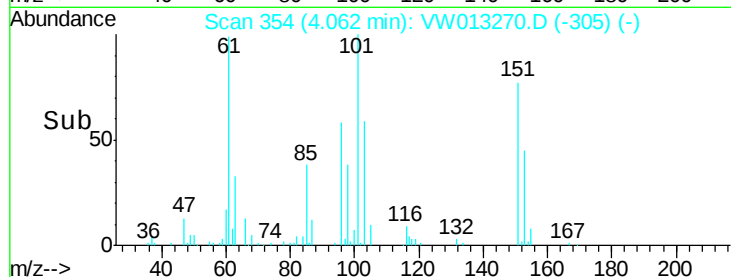
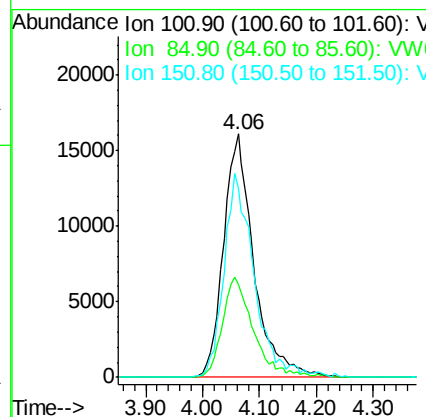
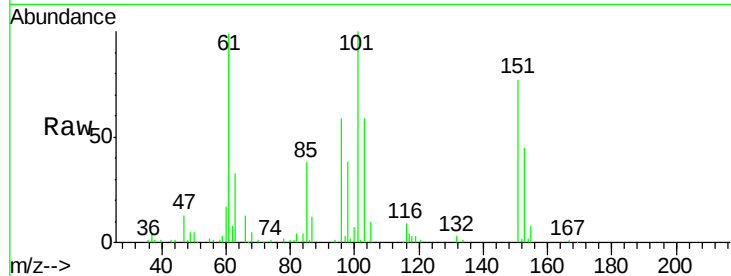
ClientSampleId :

VW0924SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 59639 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 41.7  | 33.4  | 50.0  |
| 151       | 80.4  | 66.9  | 100.3 |

Manual Integrations  
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#10

Methyl Iodide

Concen: 19.592 ug/l

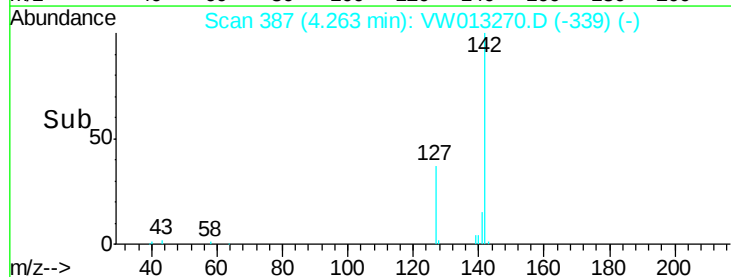
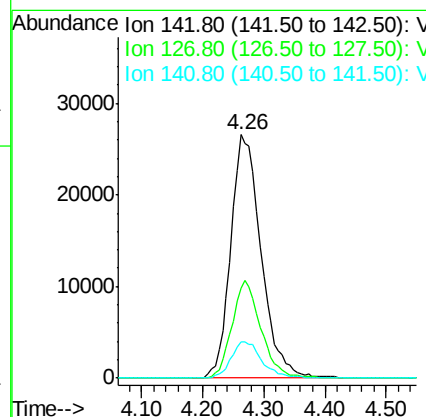
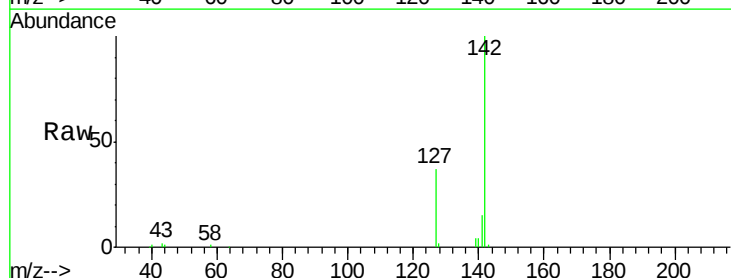
RT: 4.26 min Scan# 387

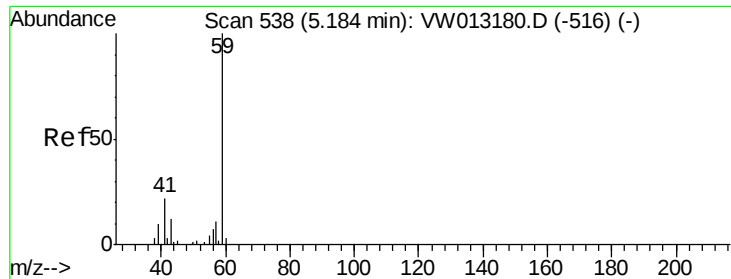
Delta R.T. -0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 91016 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 38.0  | 30.9  | 46.3  |
| 141       | 15.1  | 11.7  | 17.5  |





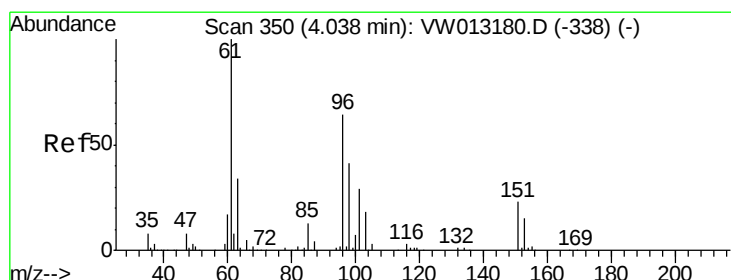
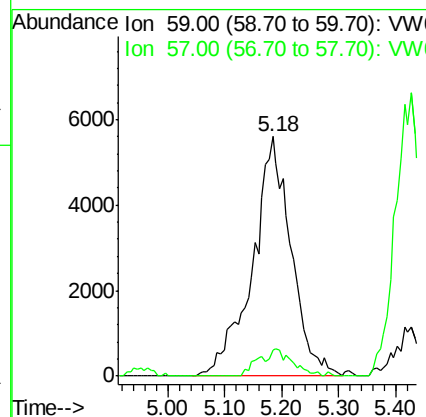
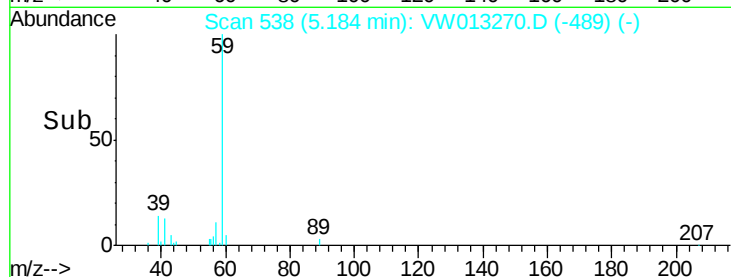
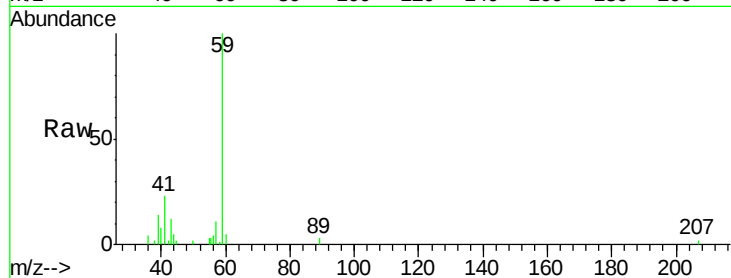
#11  
Tert butyl alcohol  
Concen: 129.548 ug/l  
RT: 5.18 min Scan# 538  
Delta R.T. 0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

Tot Ion: 59 Resp: 26368  
Ion Ratio Lower Upper  
59 100  
57 6.7 8.2 12.2#

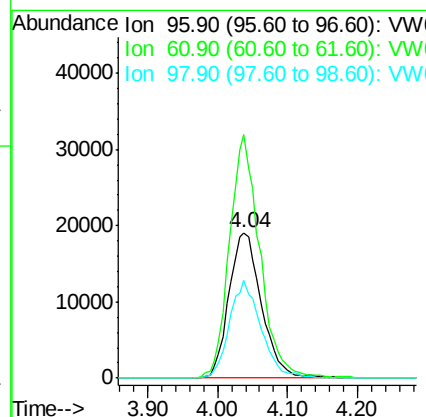
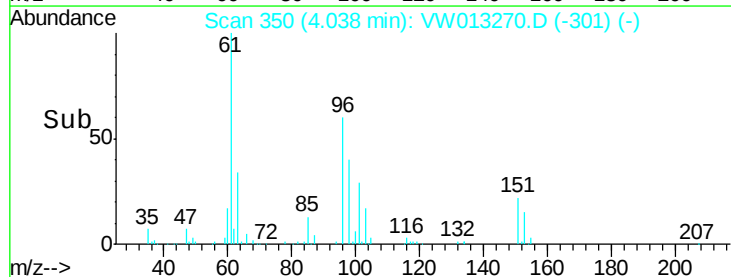
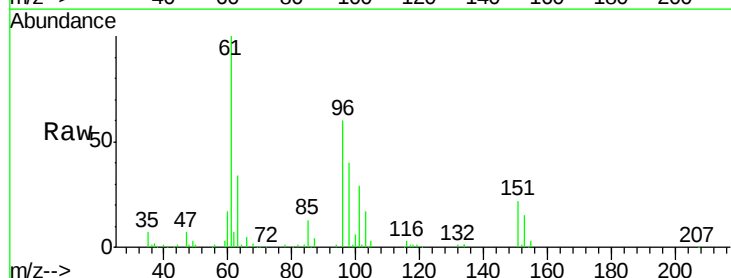
Manual Integrations  
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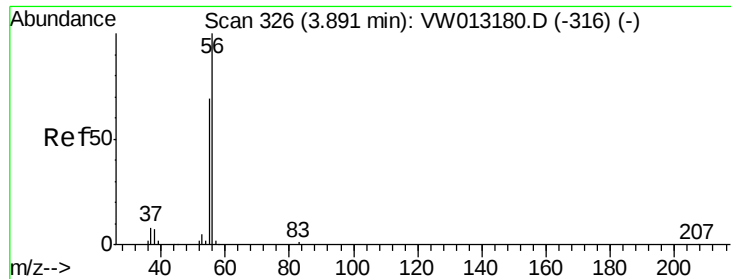
MMDadoda  
9/26/2019 12:37:50 AM



#12  
1,1-Dichloroethene  
Concen: 19.793 ug/l  
RT: 4.04 min Scan# 350  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Tgt Ion: 96 Resp: 61415  
Ion Ratio Lower Upper  
96 100  
61 167.6 125.1 187.7  
98 67.5 50.8 76.2





#13

Acrolein

Concen: 103.362 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0924SBSD01

Tot Ion: 56 Resp: 16214

Ion Ratio Lower Upper

56 100

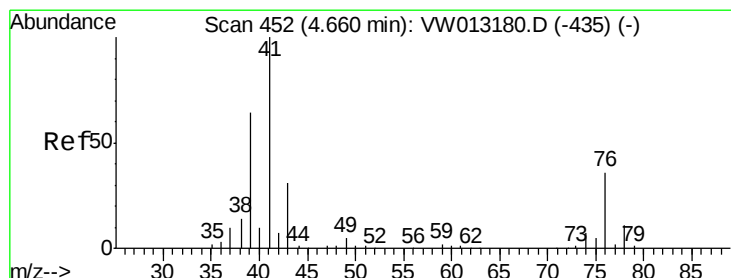
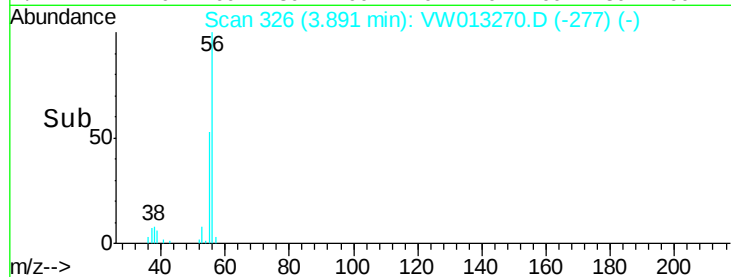
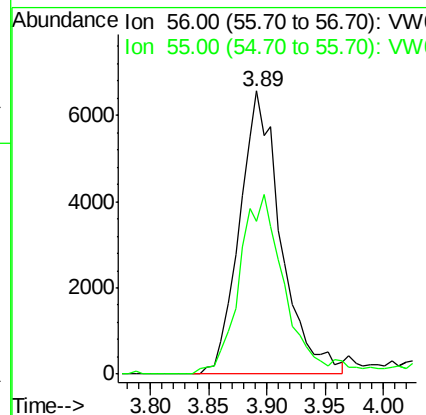
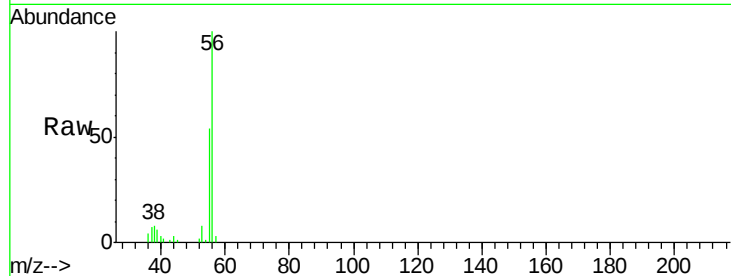
55 67.0 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 19.445 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

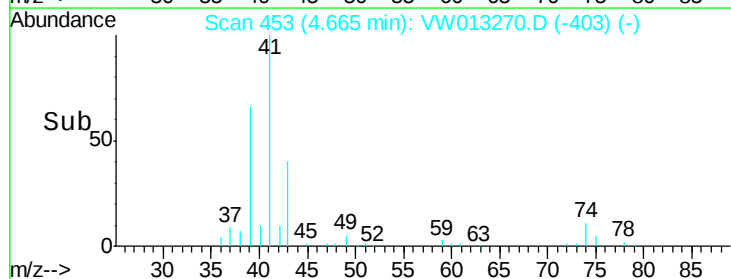
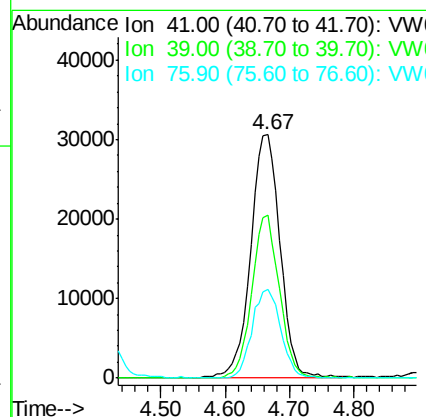
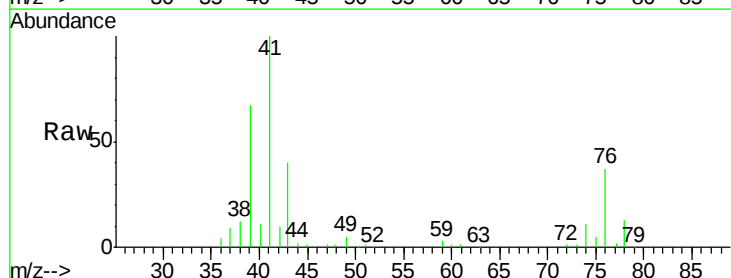
Tgt Ion: 41 Resp: 96022

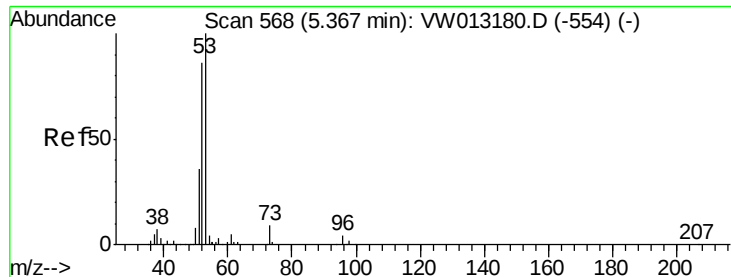
Ion Ratio Lower Upper

41 100

39 62.2 51.0 76.4

76 35.2 28.4 42.6





#15

Acrylonitrile

Concen: 110.453 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

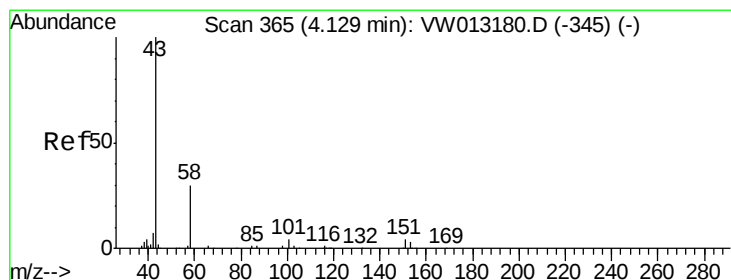
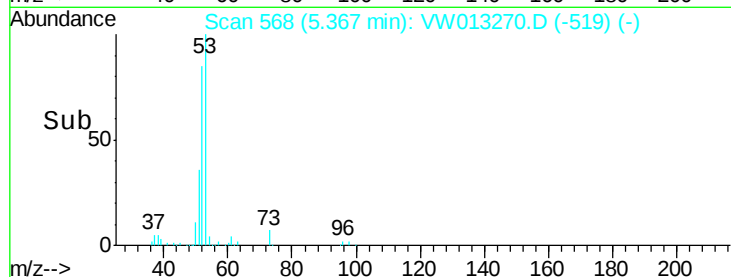
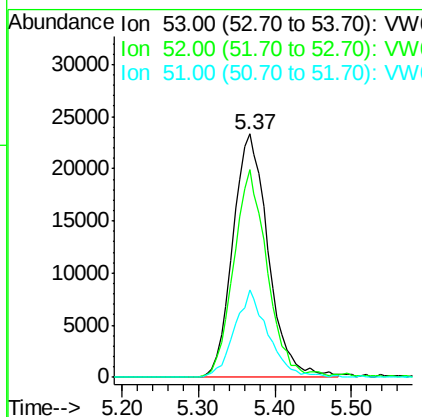
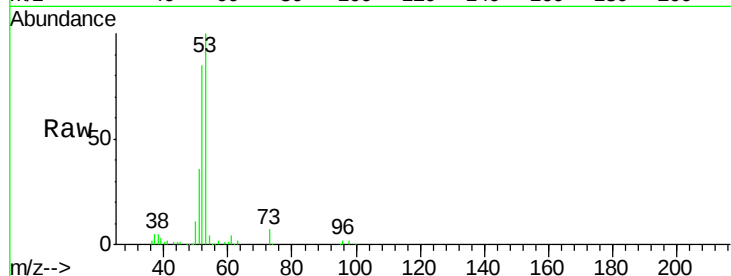
ClientSampleId :

VW0924SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 74946 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.0  | 65.3  | 97.9  |
| 51       | 34.2  | 29.0  | 43.4  |

Manual Integrations  
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#16

Acetone

Concen: 103.292 ug/l

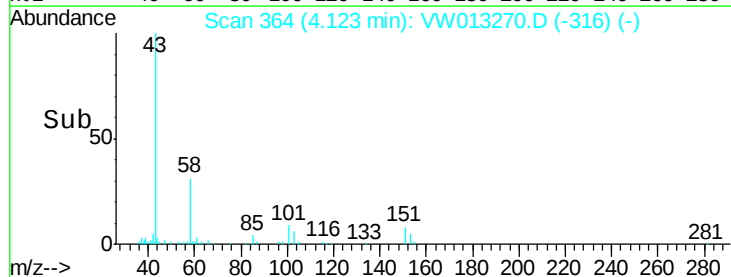
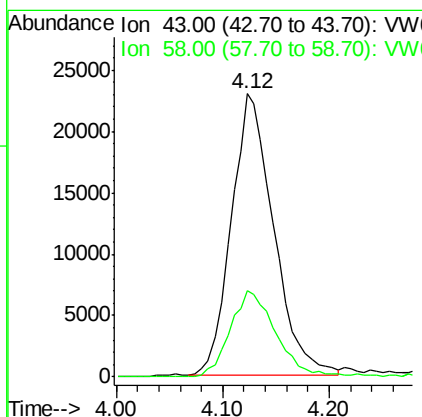
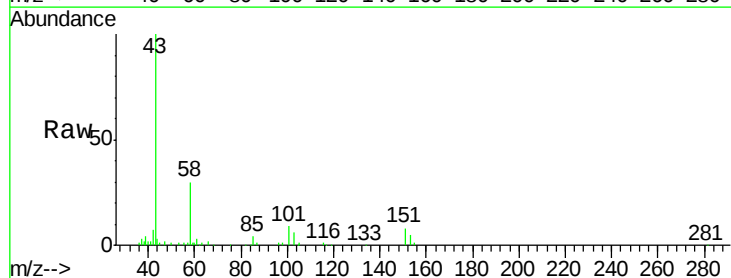
RT: 4.12 min Scan# 364

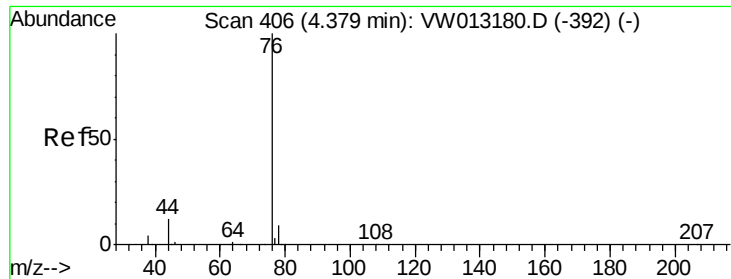
Delta R.T. -0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 63475 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.7  | 24.1  | 36.1  |





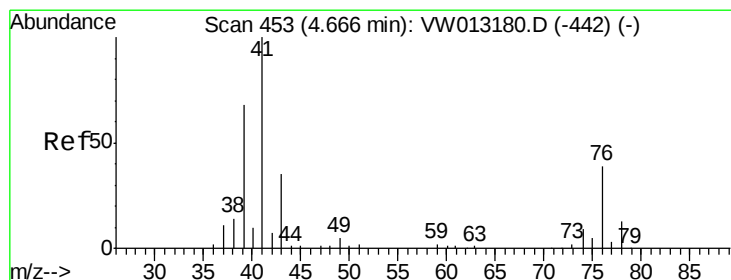
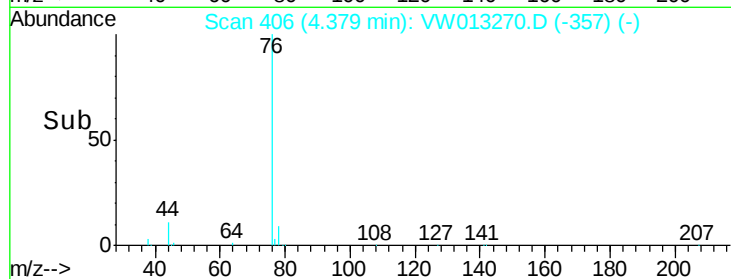
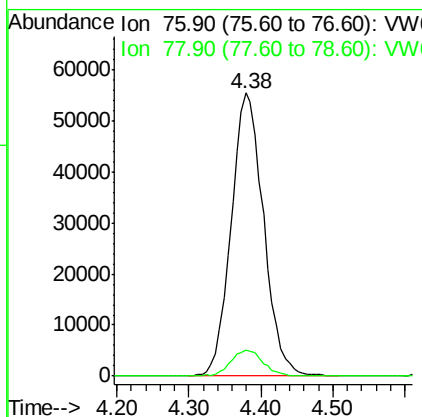
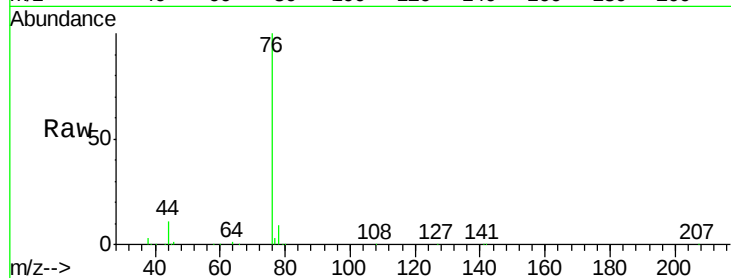
#17  
Carbon Disulfide  
Concen: 19.290 ug/l  
RT: 4.38 min Scan# 406  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.0   | 10.4  |

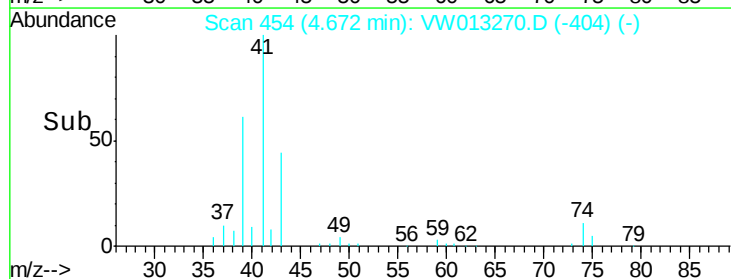
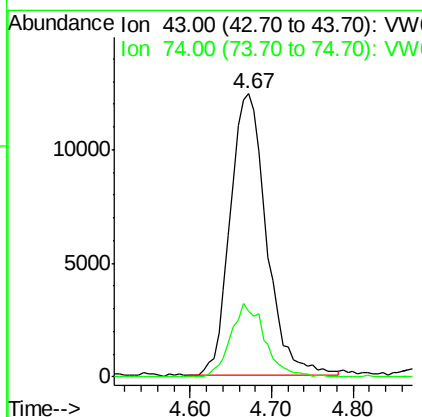
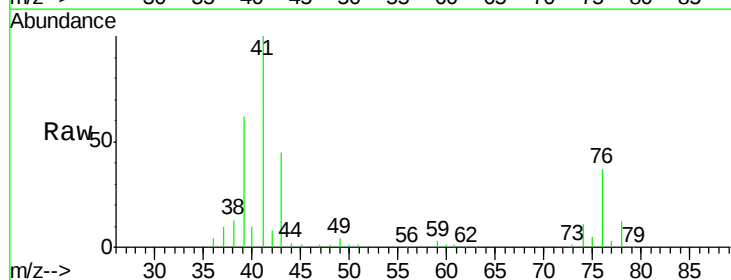
Manual Integrations  
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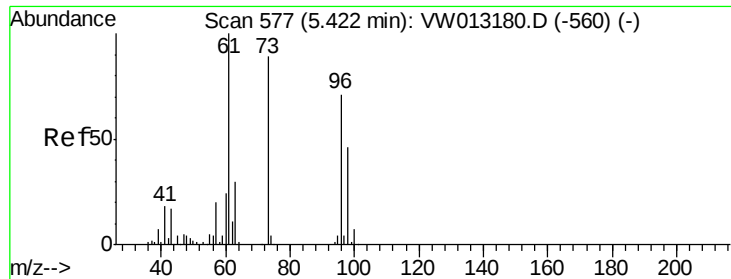
MMDadoda  
9/26/2019 12:37:50 AM



#18  
Methyl Acetate  
Concen: 22.030 ug/l  
RT: 4.67 min Scan# 454  
Delta R.T. 0.01 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.6  | 19.3  | 28.9  |





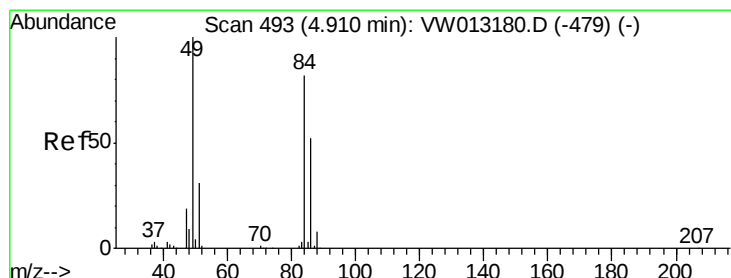
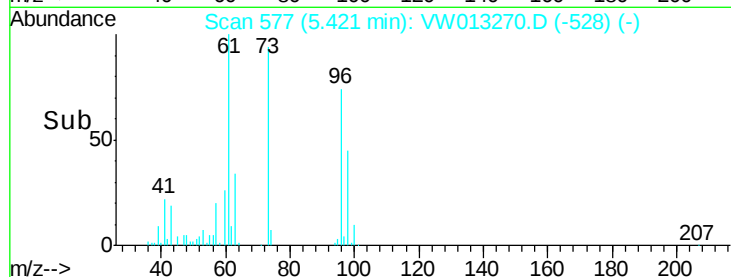
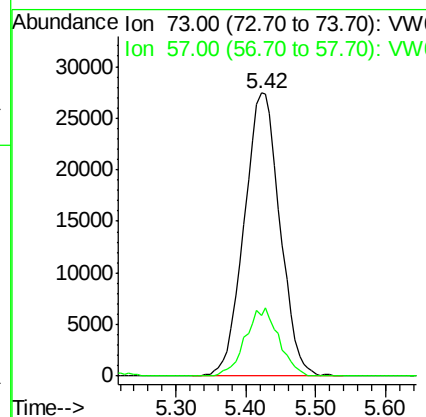
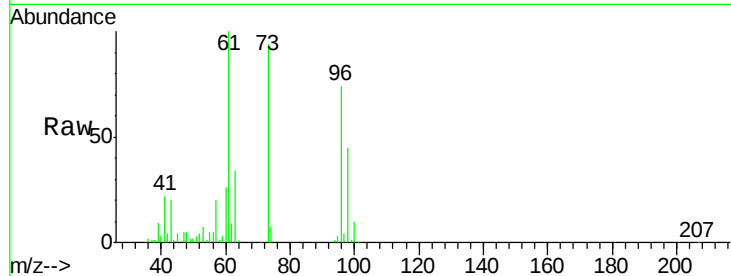
#19  
Methyl tert-butyl Ether  
Concen: 20.442 ug/l  
RT: 5.42 min Scan# 577  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

Tot Ion: 73 Resp: 97214  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.6 26.4

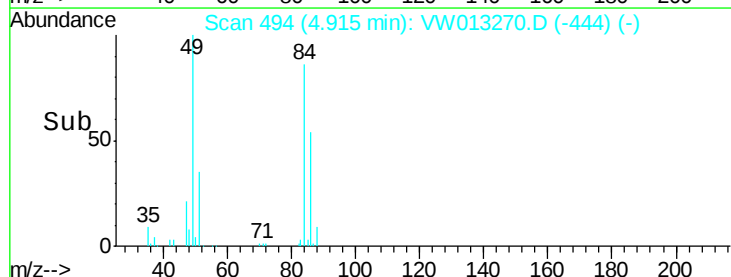
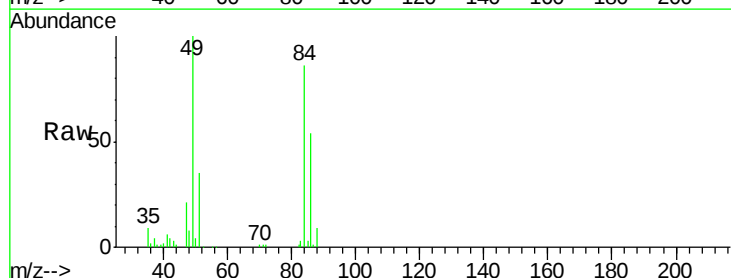
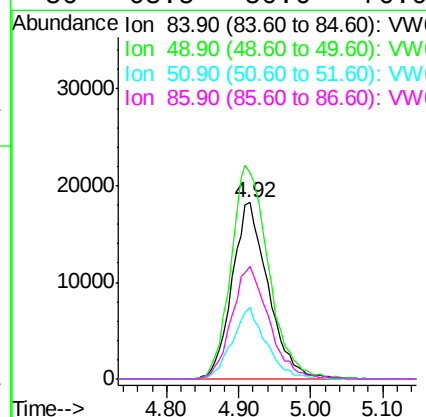
Manual Integrations  
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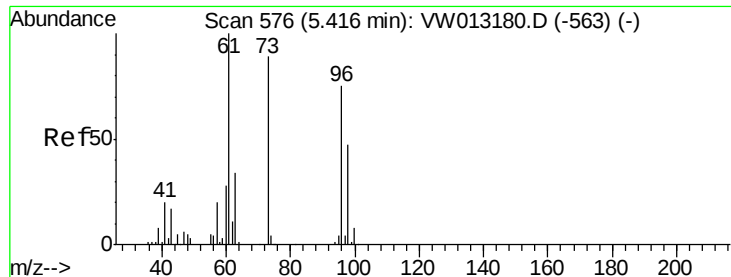
MMDadoda  
9/26/2019 12:37:50 AM



#20  
Methylene Chloride  
Concen: 18.403 ug/l  
RT: 4.92 min Scan# 494  
Delta R.T. 0.01 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Tgt Ion: 84 Resp: 63608  
Ion Ratio Lower Upper  
84 100  
49 116.9 97.6 146.4  
51 40.7 30.2 45.2  
86 63.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 19.882 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

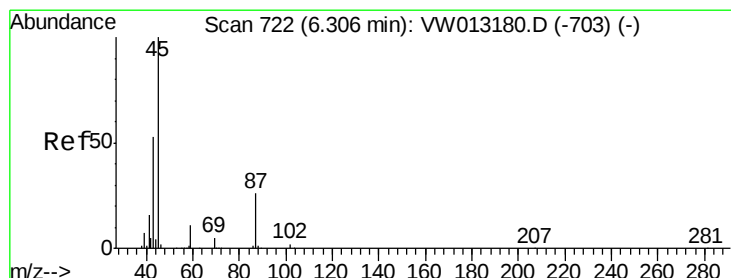
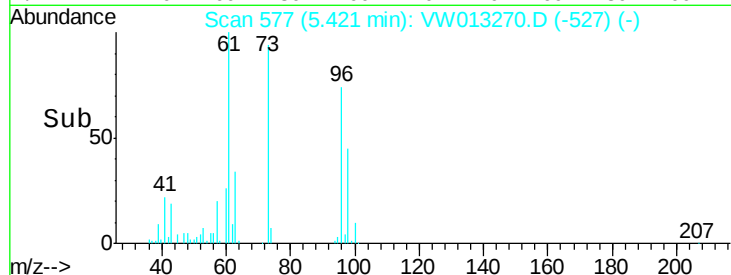
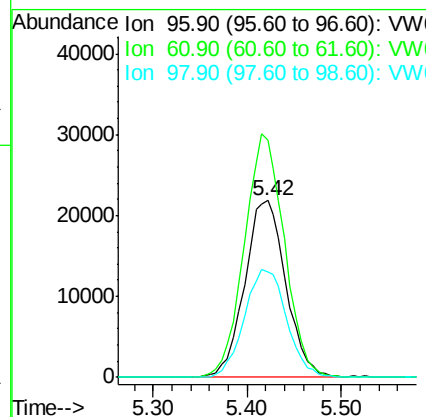
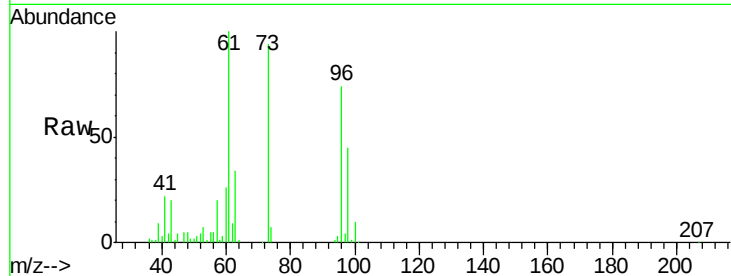
ClientSampleId :

VW0924SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 66679 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 134.4 | 106.6 | 159.8 |
| 98       | 60.0  | 49.8  | 74.8  |

Manual Integrations  
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9/26/2019 12:37:50 AM



#22

Diisopropyl ether

Concen: 19.613 ug/l

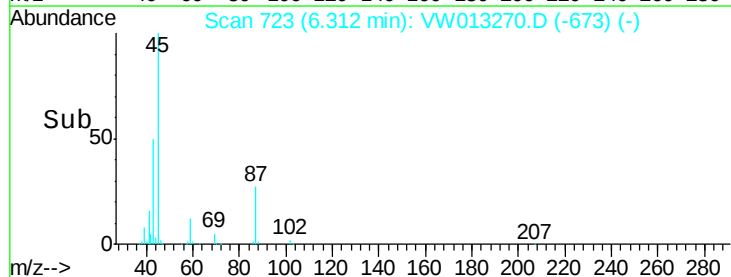
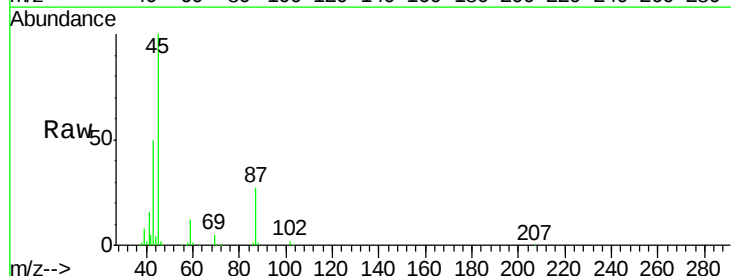
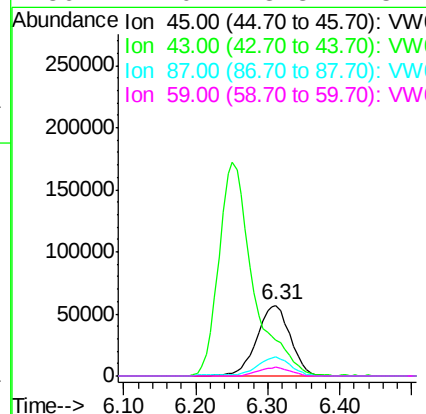
RT: 6.31 min Scan# 723

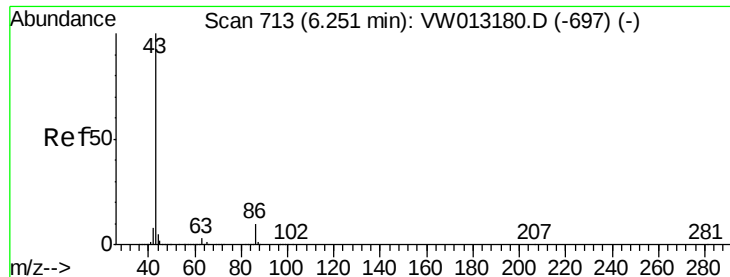
Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 184174 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 49.1  | 42.4  | 63.6   |
| 87       | 26.6  | 20.4  | 30.6   |
| 59       | 12.0  | 8.8   | 13.2   |





#23

Vinyl Acetate

Concen: 102.174 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0924SBSD01

Tot Ion: 43 Resp: 569206

Ion Ratio Lower Upper

43 100

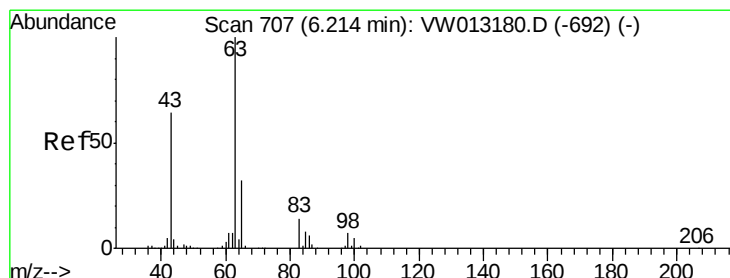
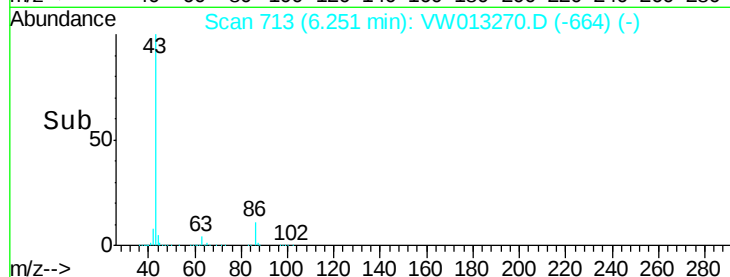
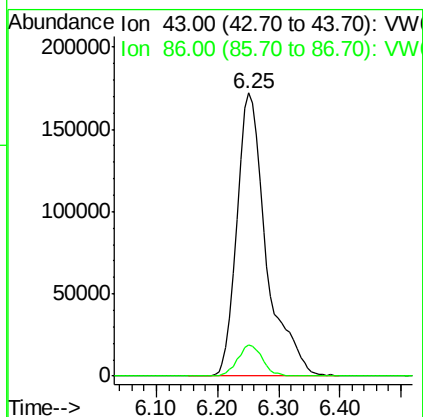
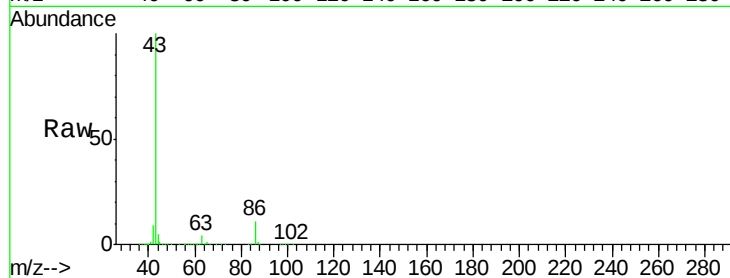
86 11.2 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.925 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

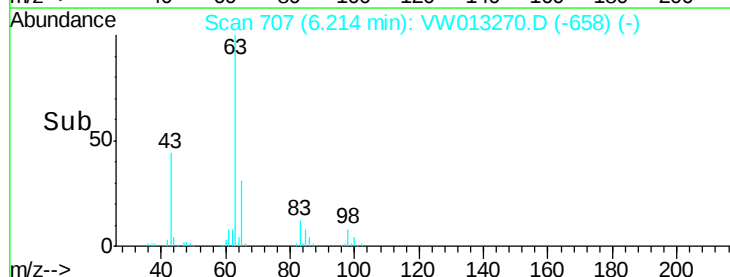
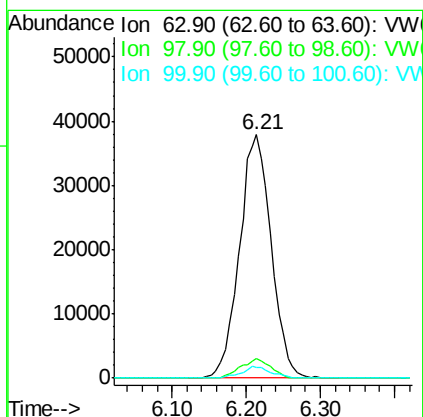
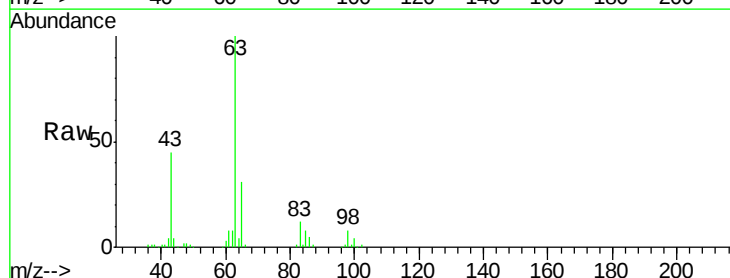
Tgt Ion: 63 Resp: 112903

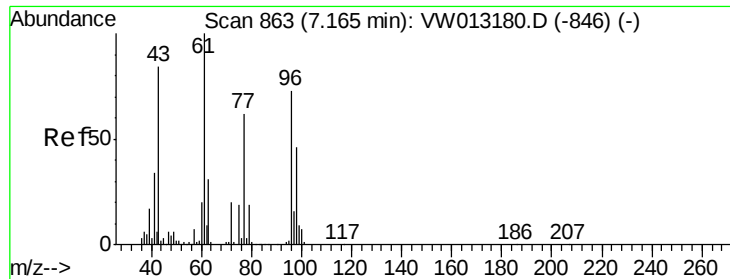
Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.5

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 110.210 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0924SBS01

Tot Ion: 43 Resp: 101668

Ion Ratio Lower Upper

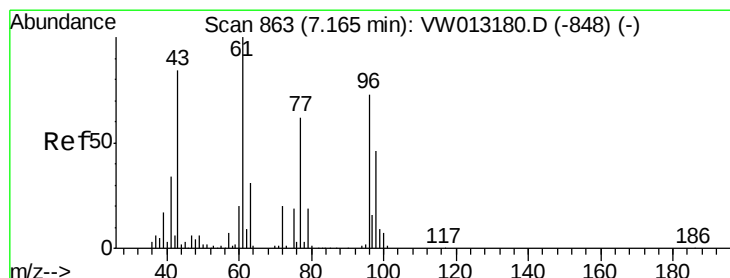
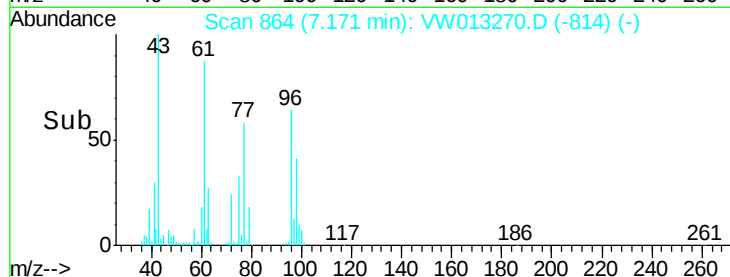
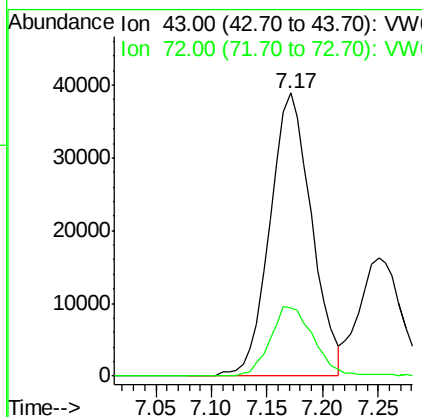
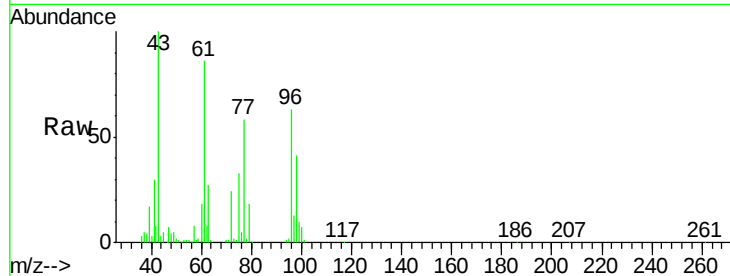
43 100

72 24.1 19.4 29.0

Manual Integrations  
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#26

2,2-Dichloropropane

Concen: 19.090 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013270.D

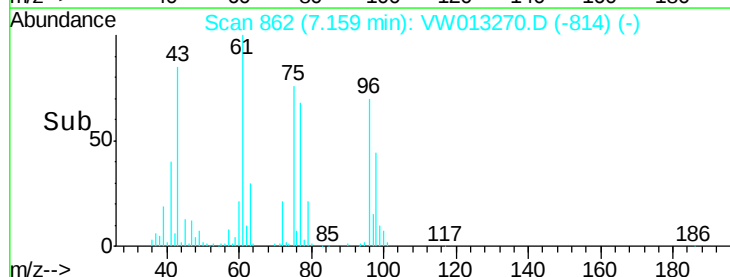
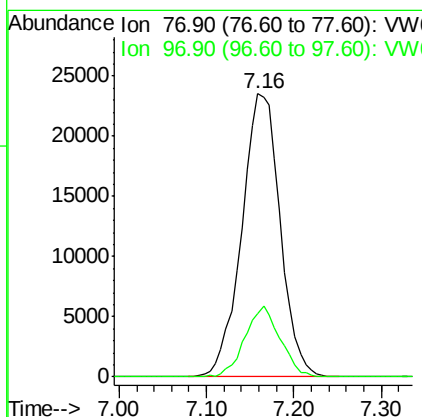
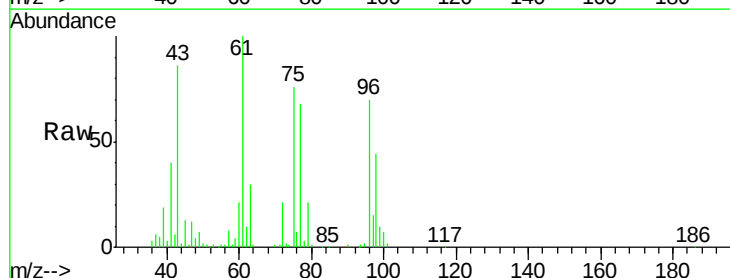
Acq: 24 Sep 2019 12:36

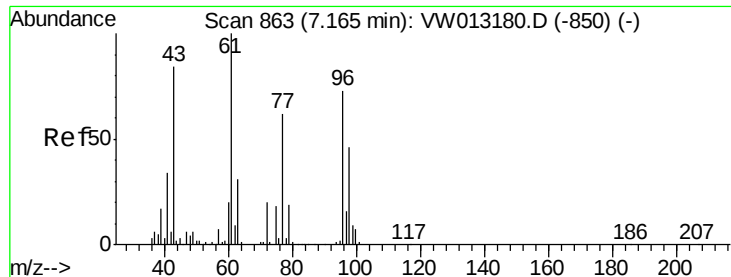
Tgt Ion: 77 Resp: 71708

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.4





#27

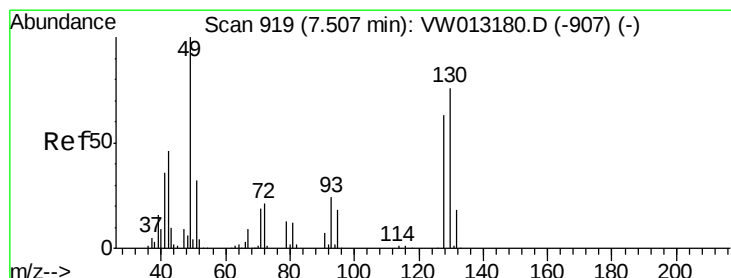
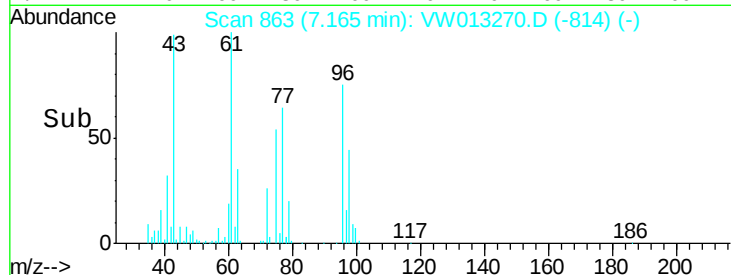
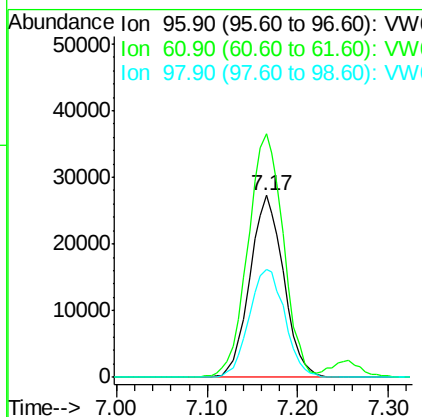
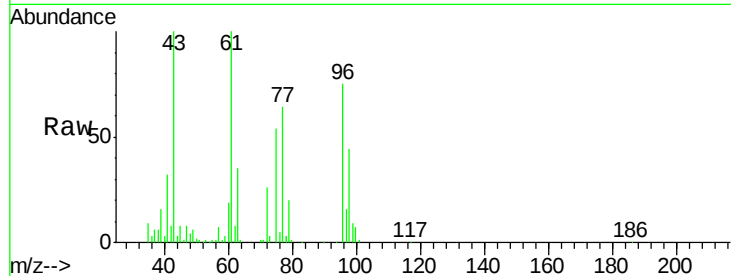
cis-1,2-Dichloroethene  
Concen: 19.837 ug/l  
RT: 7.17 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 140.1 | 0.0   | 282.4 |
| 98      | 62.8  | 0.0   | 128.2 |

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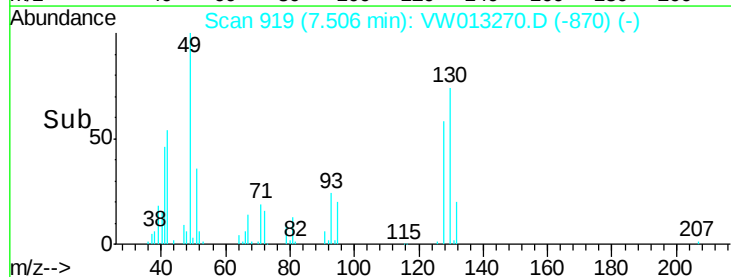
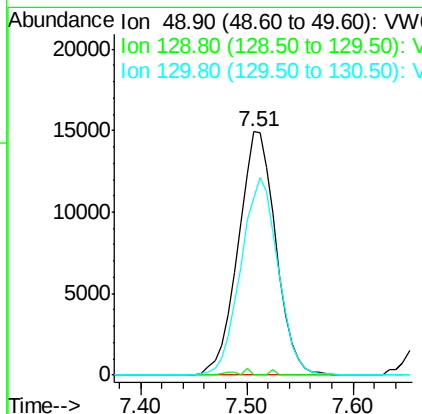
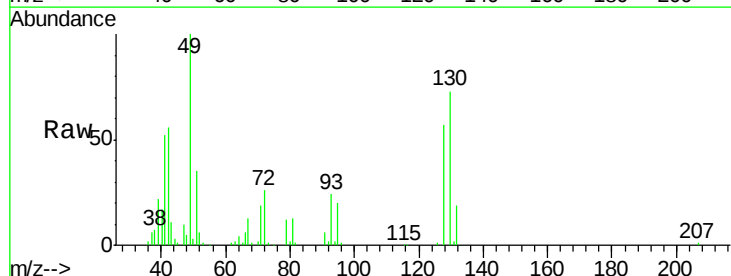
MMDadoda  
9/26/2019 12:37:50 AM



#28

Bromochloromethane  
Concen: 17.004 ug/l  
RT: 7.51 min Scan# 919  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.8   | 0.0   | 1.0   |
| 130     | 80.4  | 63.4  | 95.2  |





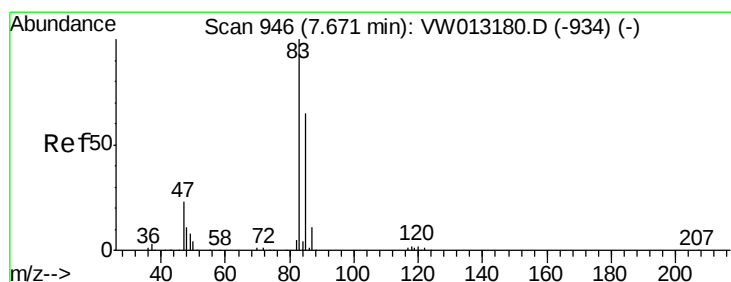
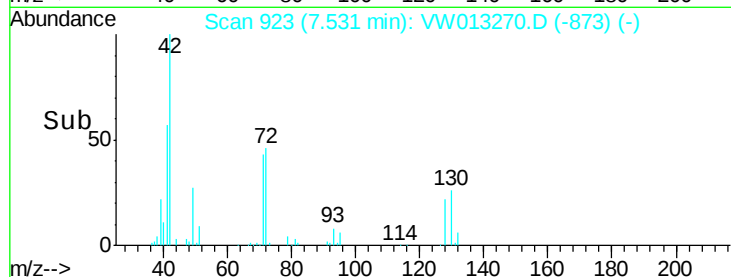
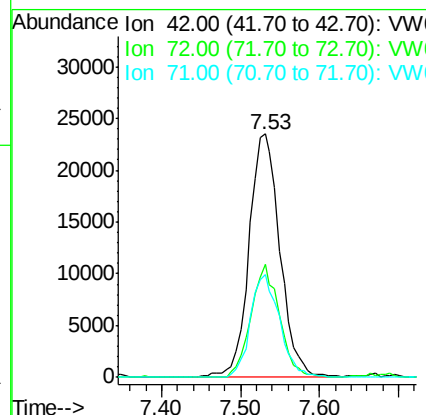
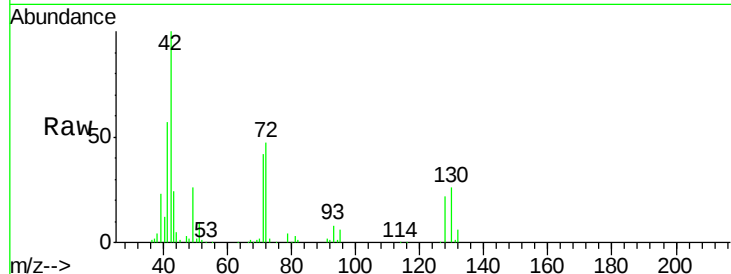
#29  
Tetrahydrofuran  
Concen: 113.127 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. 0.01 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.9  | 33.9  | 50.9  |
| 71      | 40.1  | 31.9  | 47.9  |

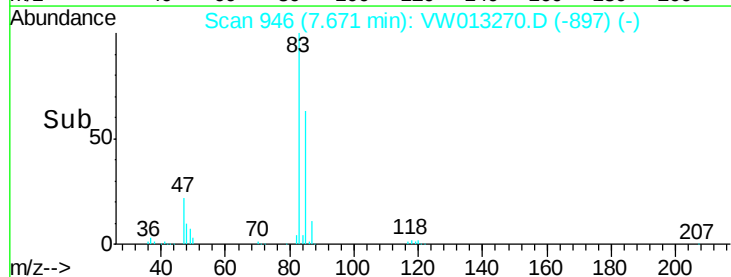
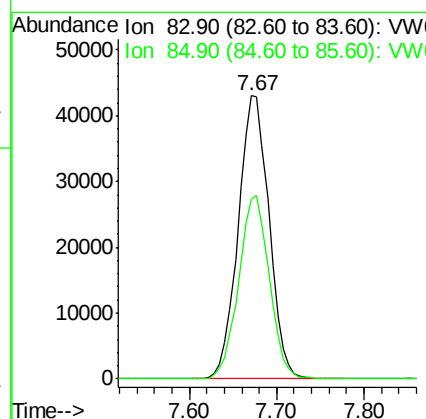
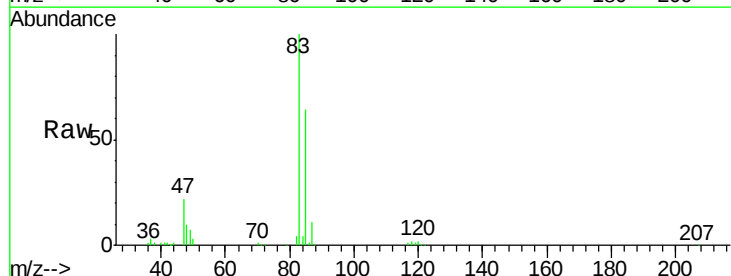
Manual Integrations  
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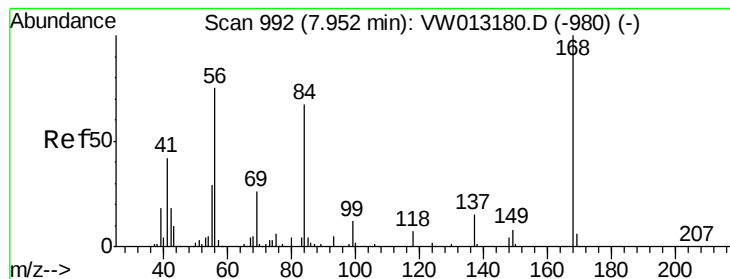
MMDadoda  
9/26/2019 12:37:50 AM



#30  
Chloroform  
Concen: 19.014 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.5  | 52.3  | 78.5  |





#31

Cyclohexane

Concen: 20.282 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

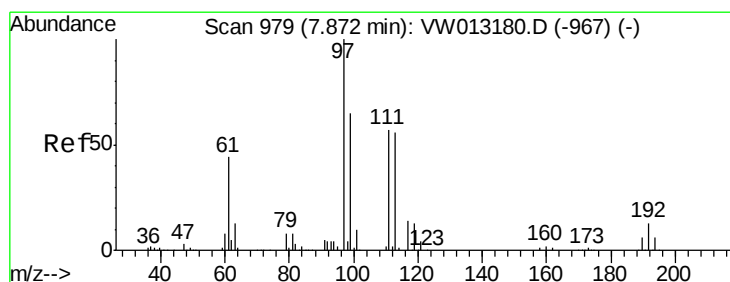
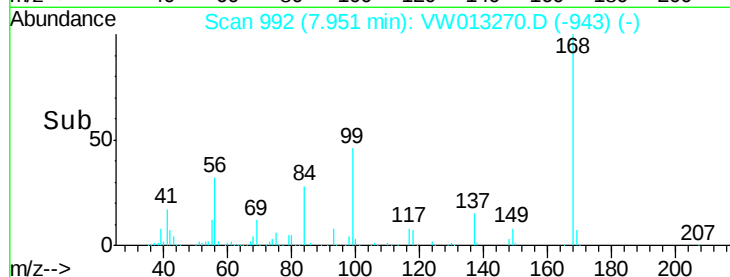
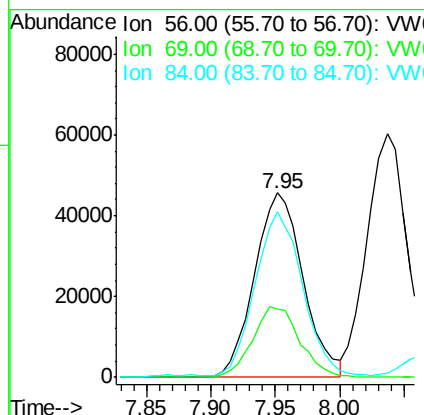
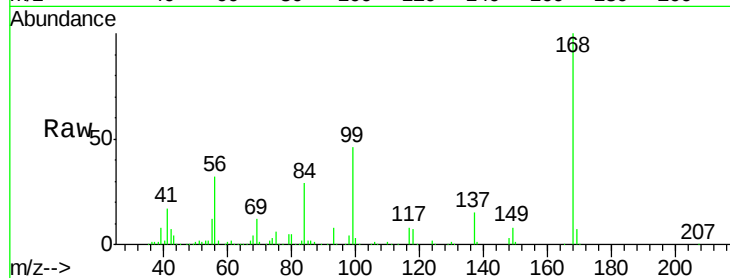
ClientSampleId :

VW0924SBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 119803 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 36.9  | 27.2  | 40.8   |
| 84        | 88.1  | 70.8  | 106.2  |

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#32

1,1,1-Trichloroethane

Concen: 19.729 ug/l

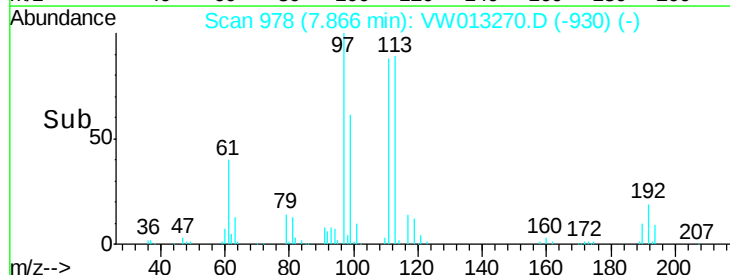
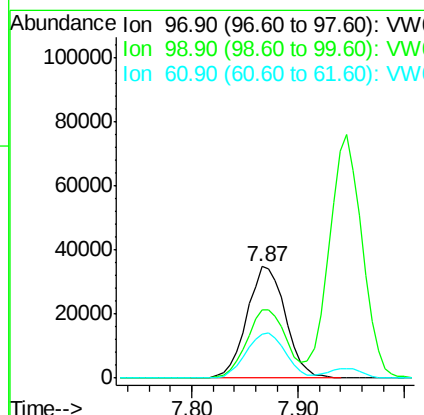
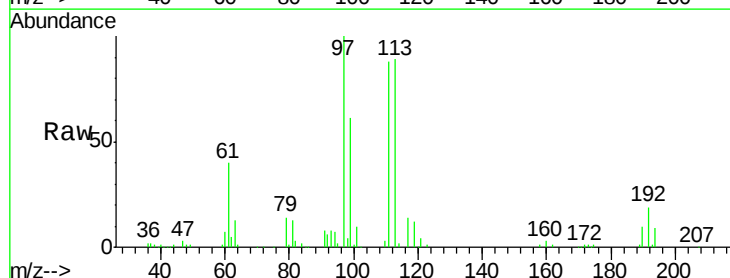
RT: 7.87 min Scan# 978

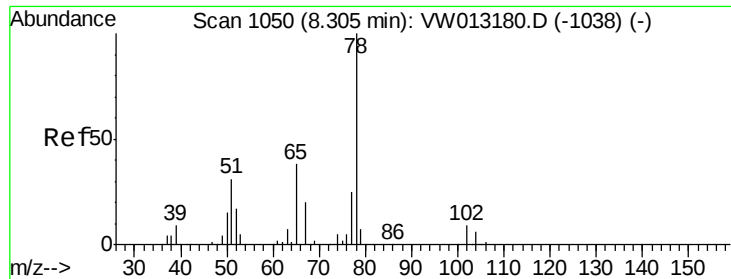
Delta R.T. -0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 88645 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 62.1  | 51.7  | 77.5  |
| 61        | 41.7  | 34.6  | 51.8  |





#33

1,2-Dichloroethane-d4

Concen: 47.730 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0924SBSD01

Tot Ion: 65 Resp: 130065

Ion Ratio Lower Upper

65 100

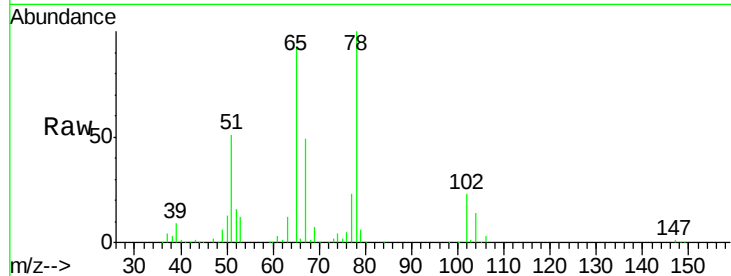
67 54.2 0.0 106.2

Manual Integrations

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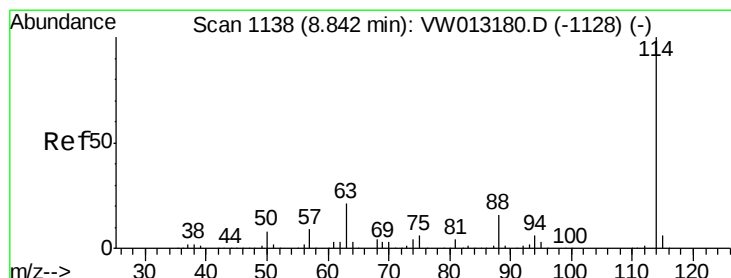
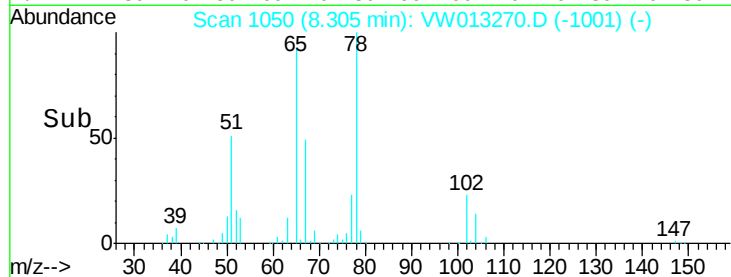
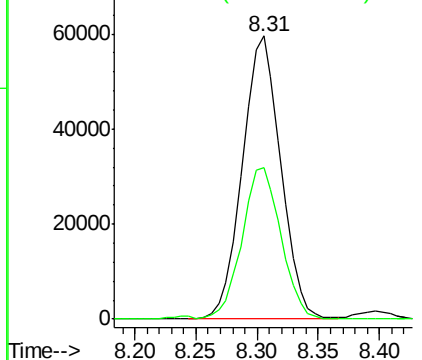
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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

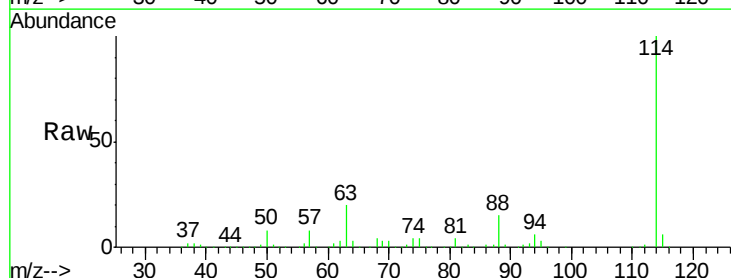
Tgt Ion: 114 Resp: 478048

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

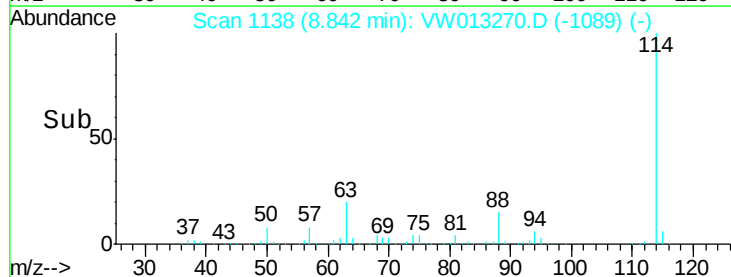
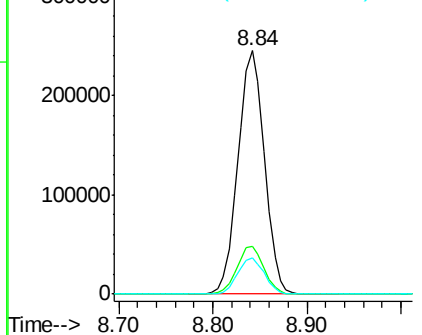
88 14.9 0.0 32.0

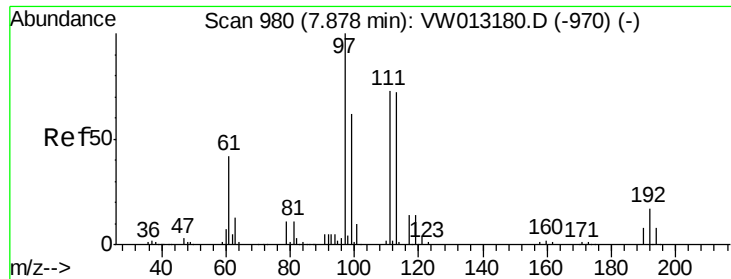


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





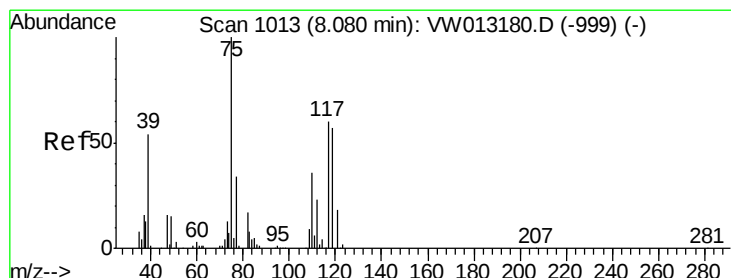
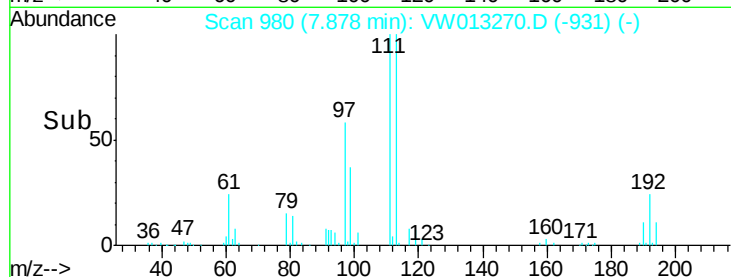
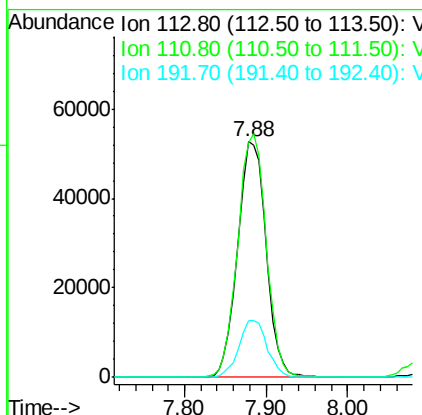
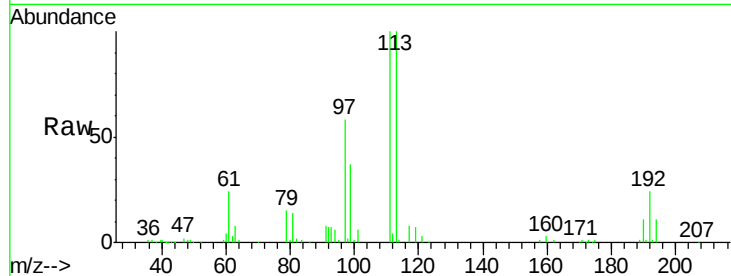
#35  
 Dibromofluoromethane  
 Concen: 48.549 ug/l  
 RT: 7.88 min Scan# 980  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0924SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 127649 |       |       |
| 111     | 103.1 | 81.9   | 122.9 |       |
| 192     | 24.0  | 19.1   | 28.7  |       |

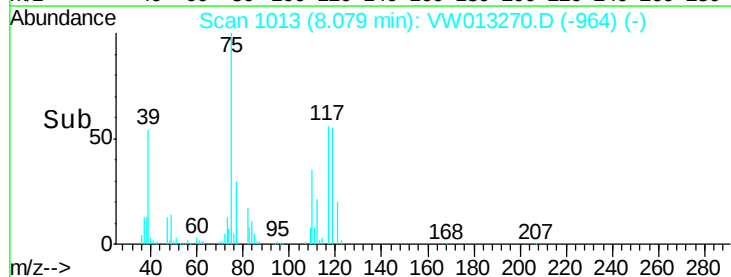
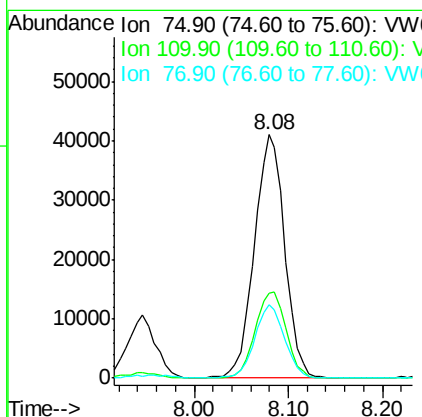
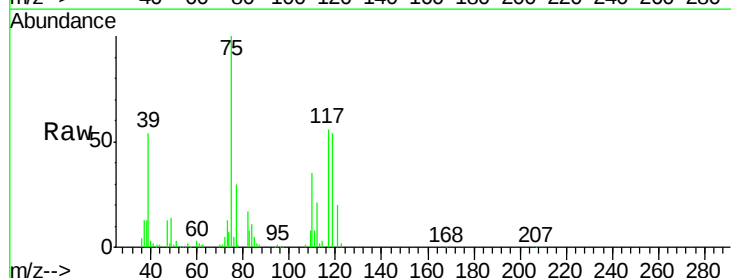
Manual Integrations  
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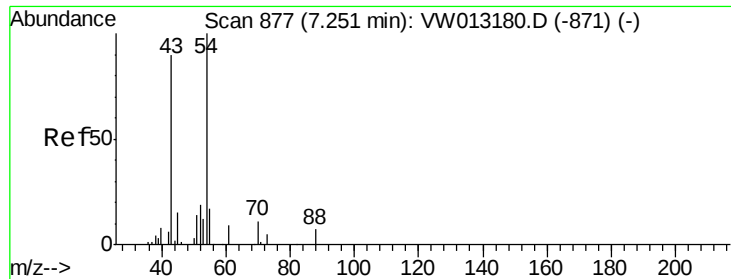
MMDadoda  
 9/26/2019 12:37:50 AM



#36  
 1,1-Dichloropropene  
 Concen: 20.000 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 92606 |       |       |
| 110     | 36.1  | 18.1  | 54.3  |       |
| 77      | 29.9  | 25.8  | 38.6  |       |





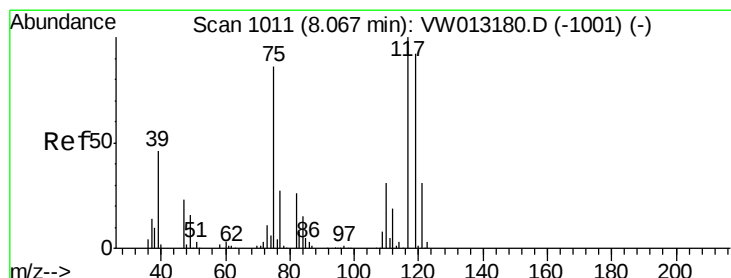
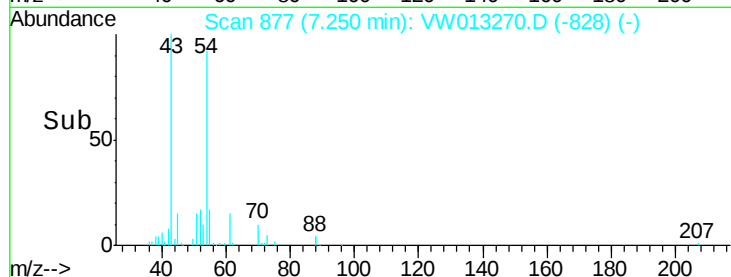
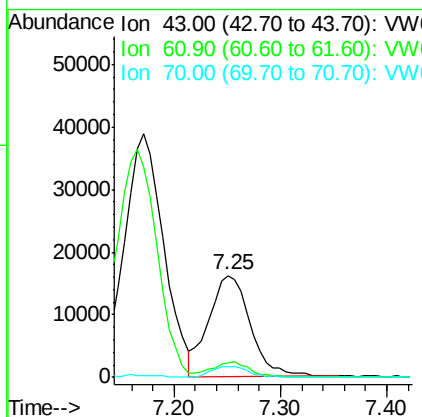
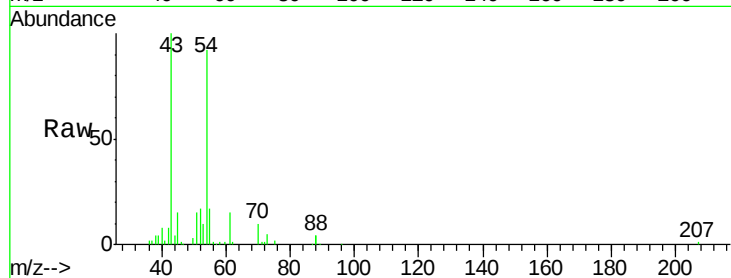
#37  
Ethyl Acetate  
Concen: 22.305 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleID :  
VW0924SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.8  | 10.9  | 16.3  |
| 70      | 10.1  | 8.2   | 12.2  |

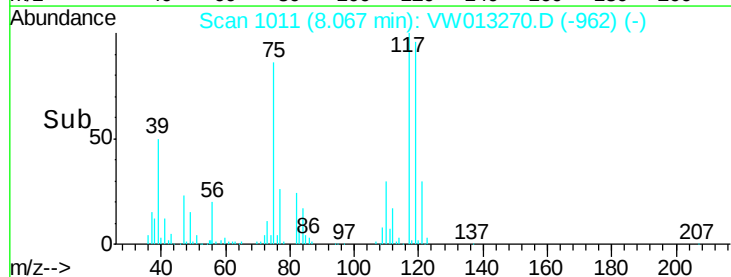
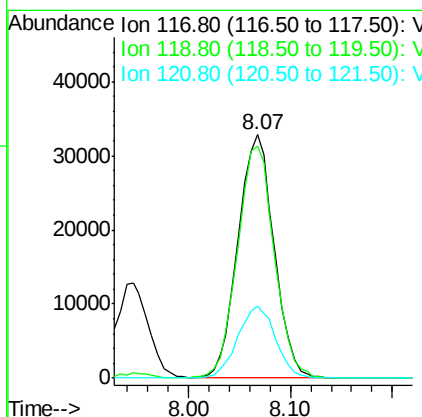
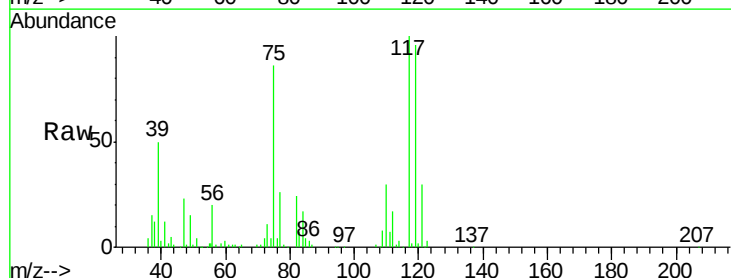
Manual Integrations  
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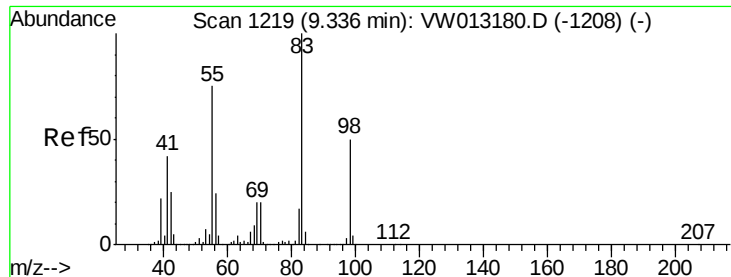
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 19.442 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.5  | 73.5  | 110.3 |
| 121     | 29.6  | 25.0  | 37.6  |





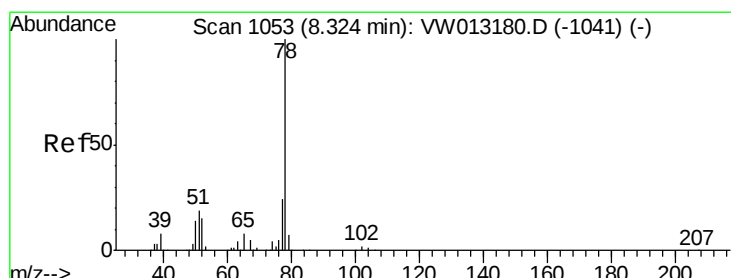
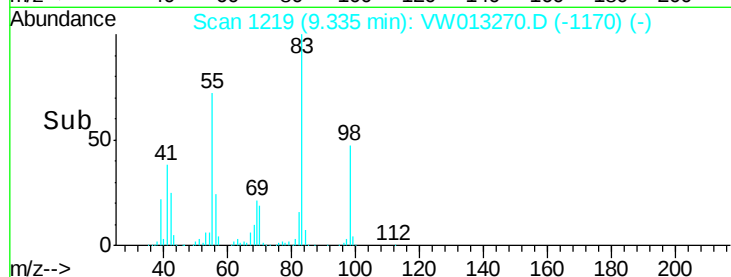
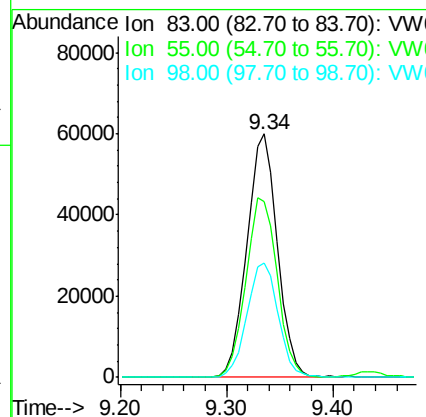
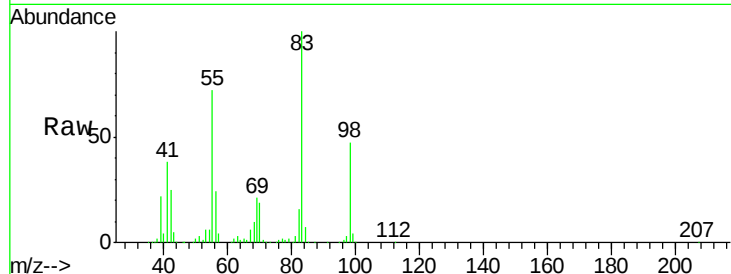
#39  
Methvlcvclohexane  
Concen: 20.312 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 120863 |       |       |
| 55      | 72.0  |        | 60.4  | 90.6  |
| 98      | 47.0  |        | 40.0  | 60.0  |

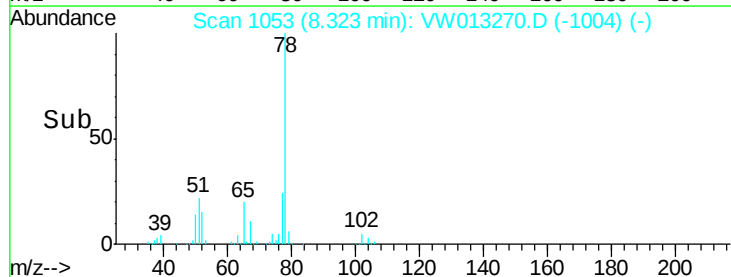
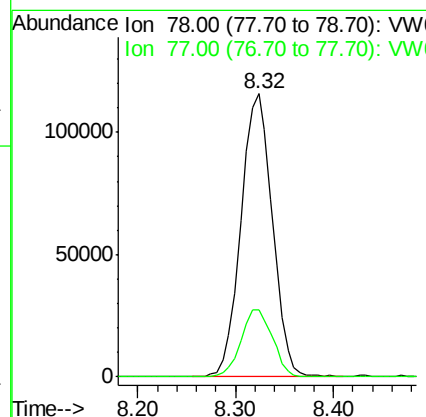
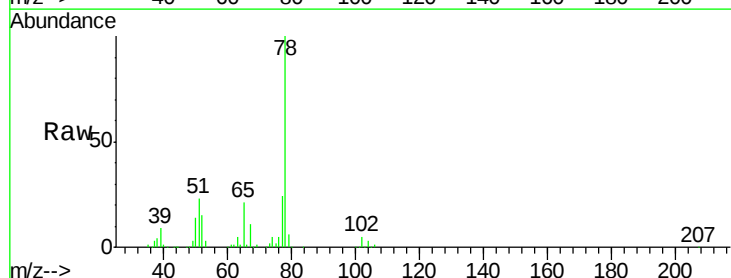
Manual Integrations  
APPROVED

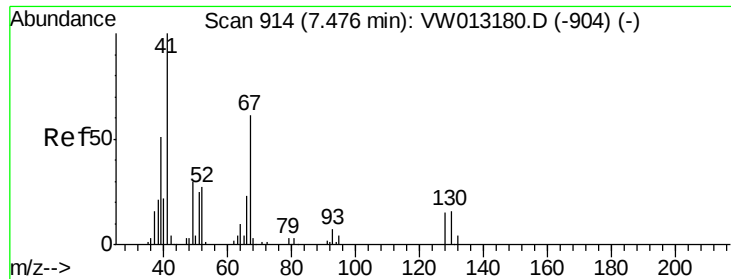
MMDadoda  
9/26/2019 12:37:50 AM



#40  
Benzene  
Concen: 20.046 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 258891 |       |       |
| 77      | 23.8  |        | 19.1  | 28.7  |





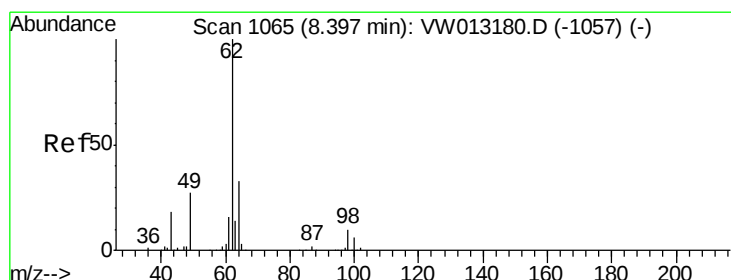
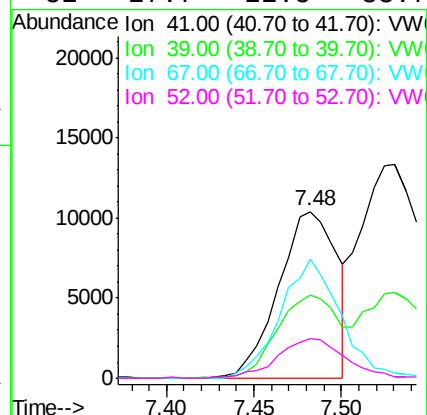
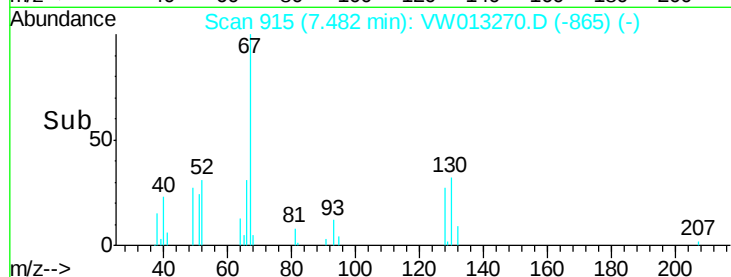
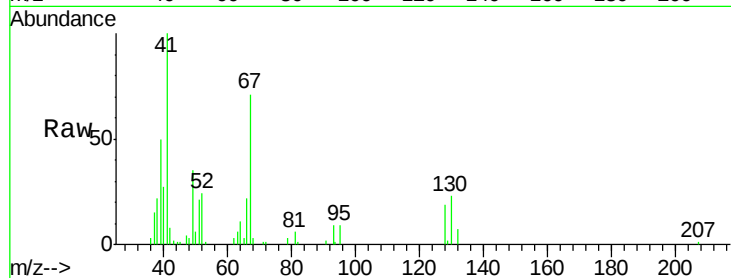
#41  
Methacrylonitrile  
Concen: 20.639 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 24240 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.0  | 45.9  | 68.9  |
| 67       | 74.5  | 54.5  | 81.7  |
| 52       | 27.7  | 22.5  | 33.7  |

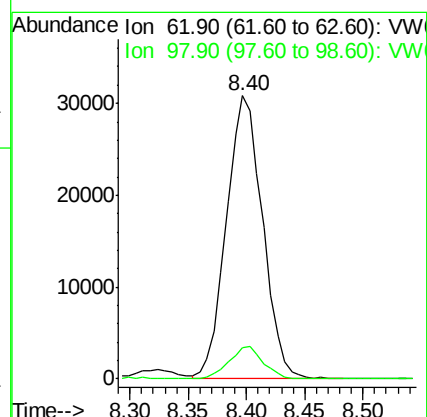
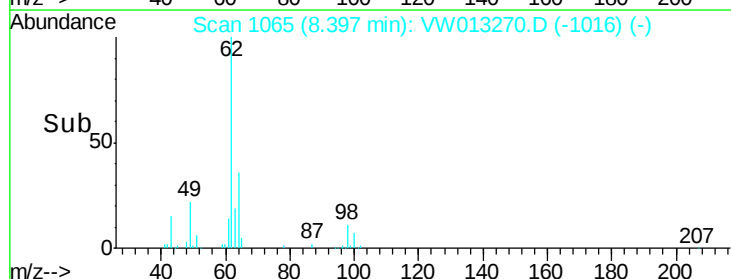
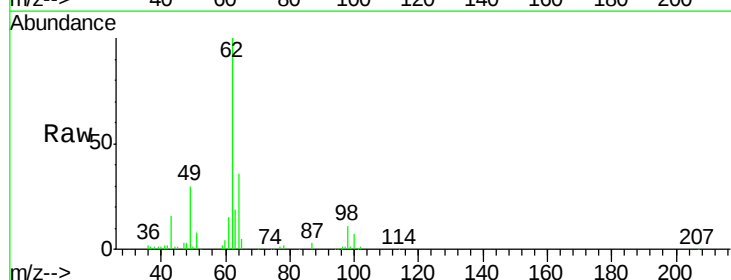
Manual Integrations  
APPROVED

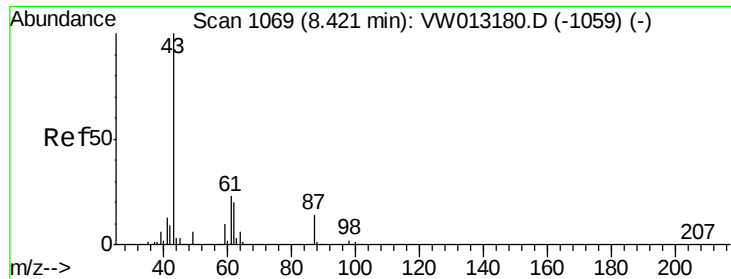
MMDadoda  
9/26/2019 12:37:50 AM



#42  
1,2-Dichloroethane  
Concen: 19.187 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 66613 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.8  | 0.0   | 20.6  |





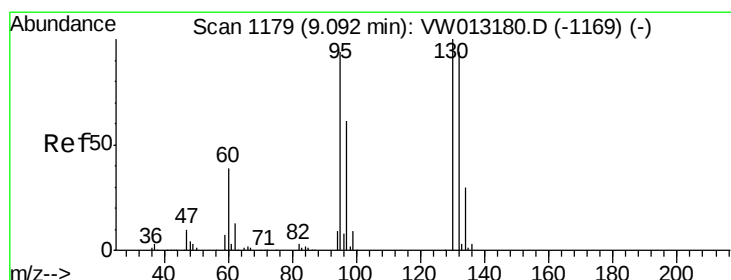
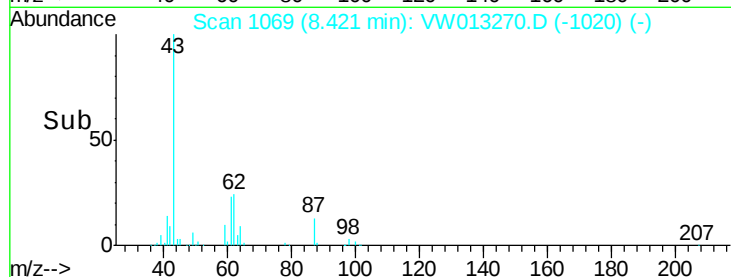
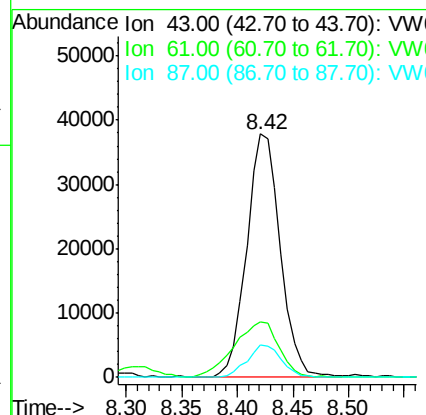
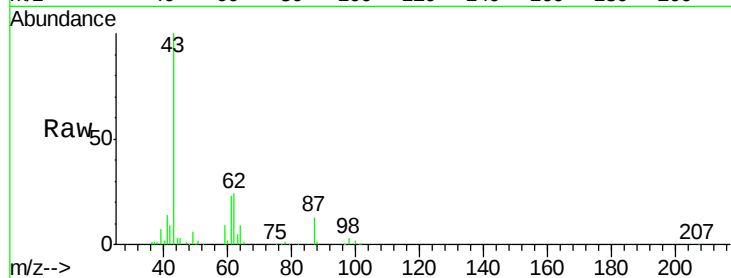
#43  
Isopropyl Acetate  
Concen: 21.119 ug/l  
RT: 8.42 min Scan# 1069  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 79651 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 30.5  | 25.5  | 38.3  |
| 87       | 13.6  | 11.0  | 16.4  |

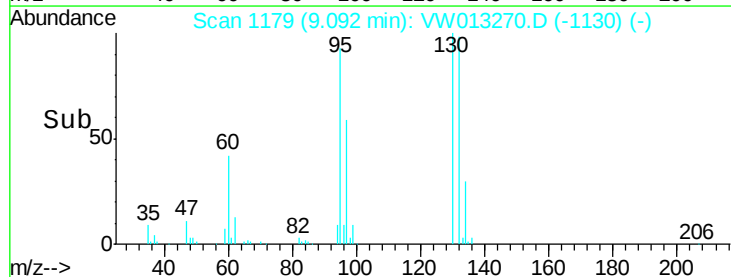
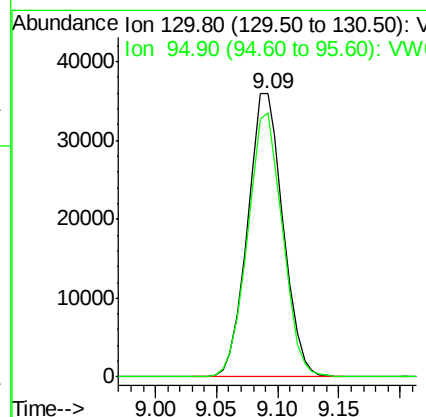
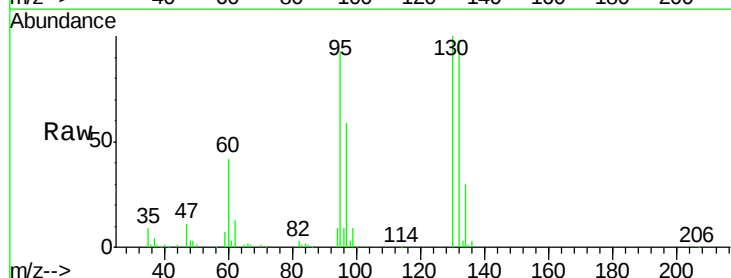
Manual Integrations  
APPROVED

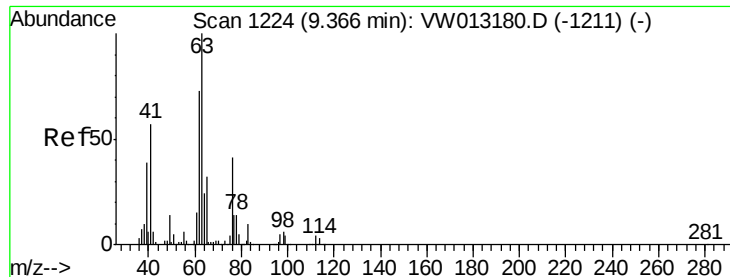
MMDadoda  
9/26/2019 12:37:50 AM



#44  
Trichloroethene  
Concen: 19.977 ug/l  
RT: 9.09 min Scan# 1179  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 72387 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 93.5  | 0.0   | 188.0 |





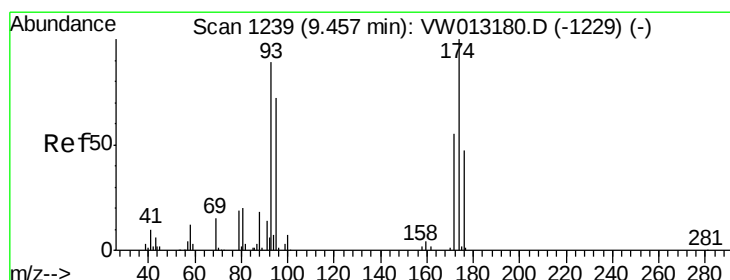
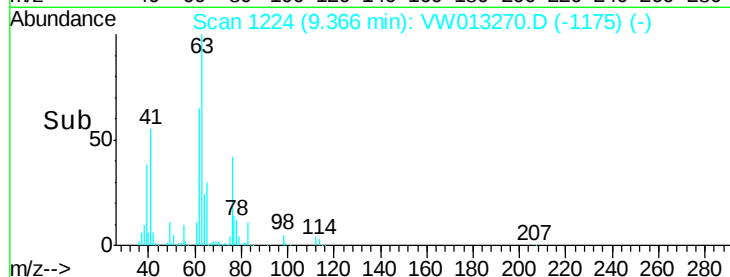
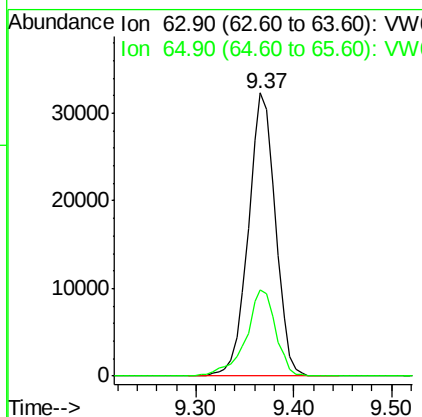
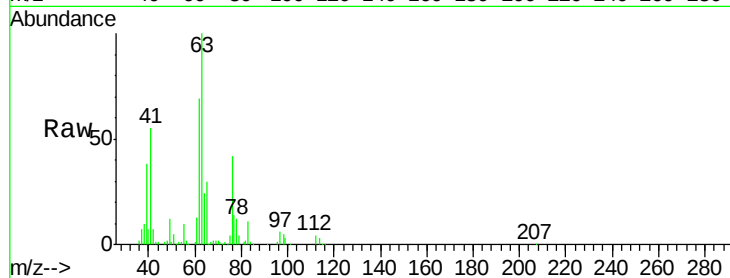
#45  
 1,2-Dichloropropane  
 Concen: 19.697 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0924SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.4  | 25.3  | 37.9  |

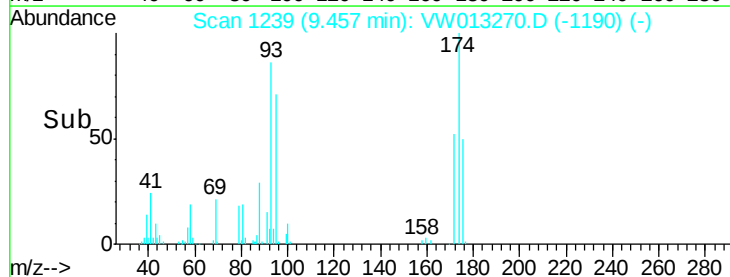
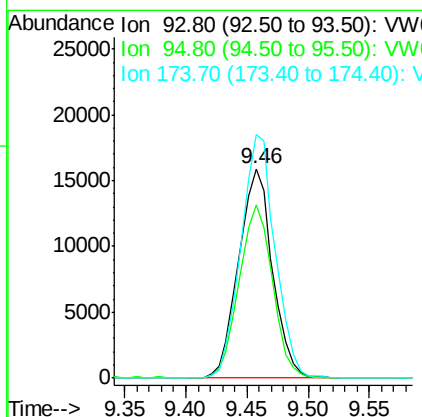
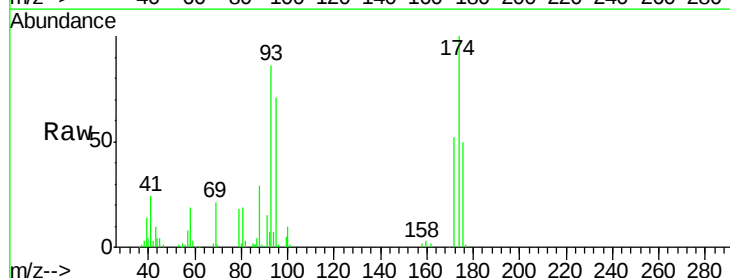
Manual Integrations  
 APPROVED

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 9/26/2019 12:37:50 AM



#46  
 Dibromomethane  
 Concen: 19.977 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 81.6  | 66.4  | 99.6  |
| 174     | 117.5 | 93.0  | 139.6 |





#47

Bromodichloromethane

Concen: 18.892 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

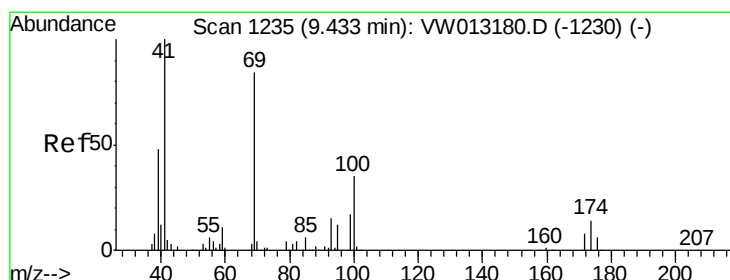
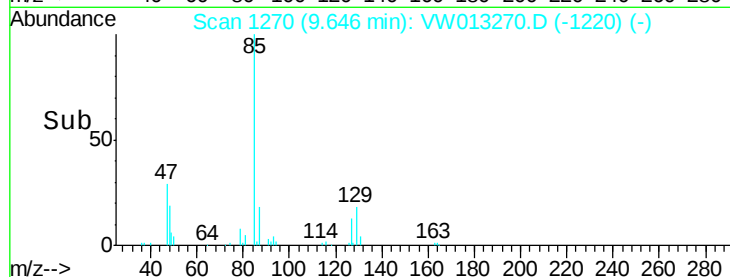
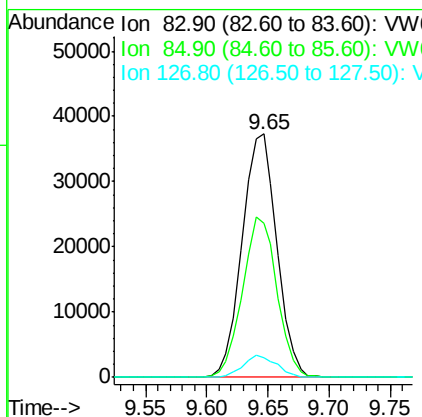
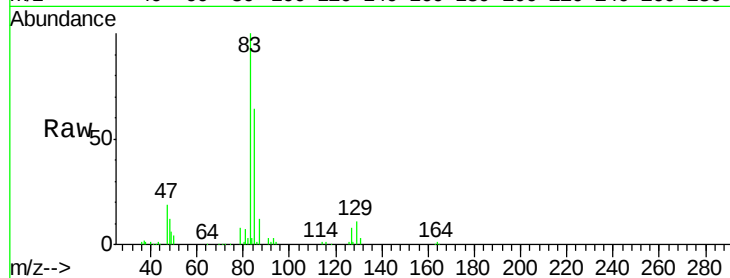
ClientSampleId :

VW0924SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 73589 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.5  | 49.4  | 74.2  |
| 127      | 8.0   | 6.5   | 9.7   |

Manual Integrations  
APPROVED

MMDadoda  
9/26/2019 12:37:50 AM



#48

Methyl methacrylate

Concen: 21.026 ug/l

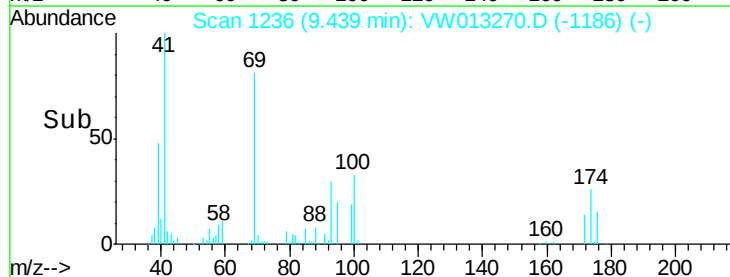
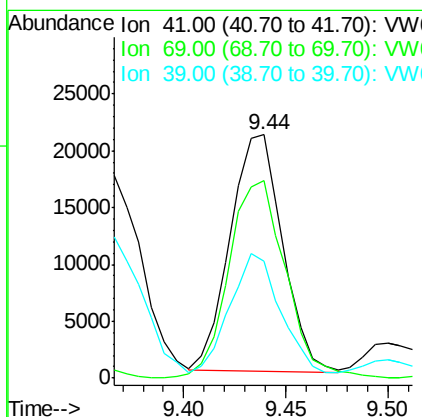
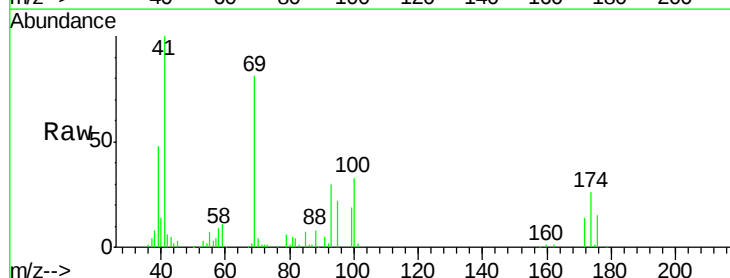
RT: 9.44 min Scan# 1236

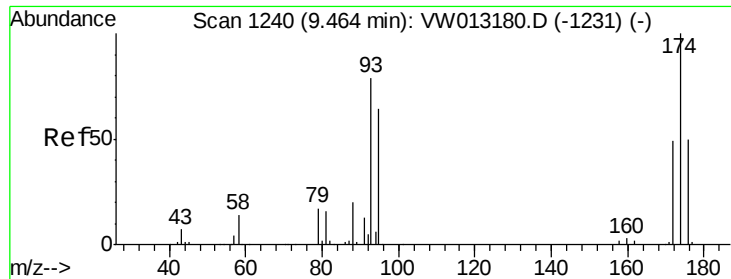
Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 37290 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 90.3  | 69.7  | 104.5 |
| 39       | 49.0  | 41.1  | 61.7  |





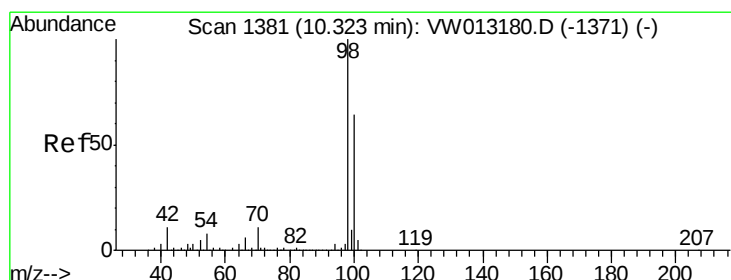
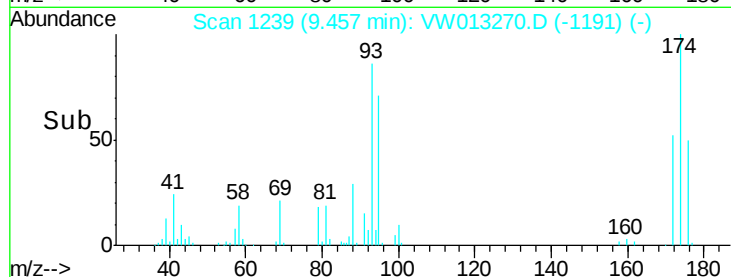
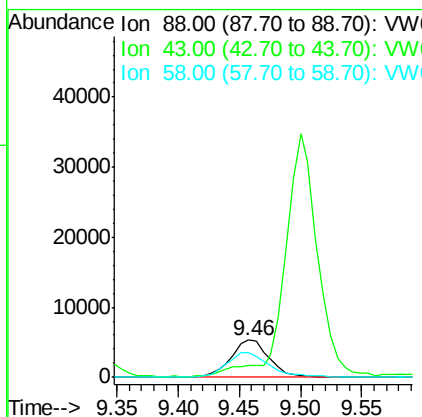
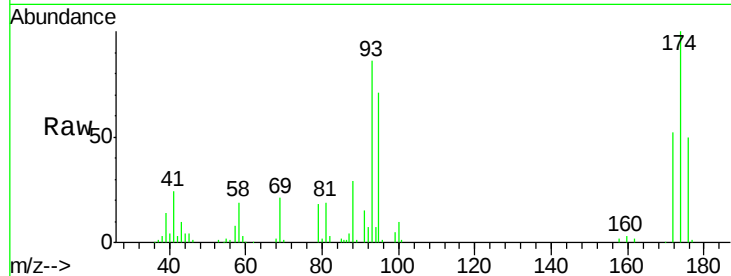
#49  
1,4-Dioxane  
Concen: 504.291 ug/l  
RT: 9.46 min Scan# 1239  
Delta R.T. -0.01 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 0.0   | 0.0   | 0.0   |
| 58      | 75.8  | 65.4  | 98.0  |

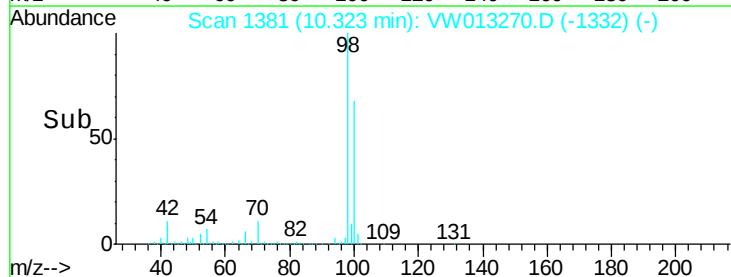
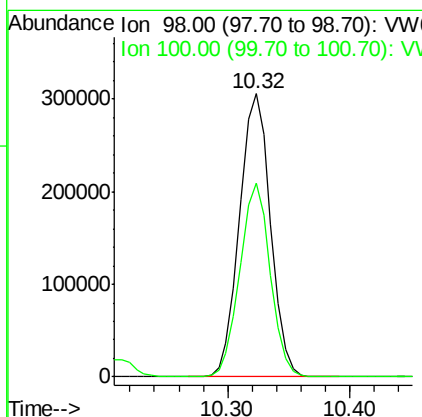
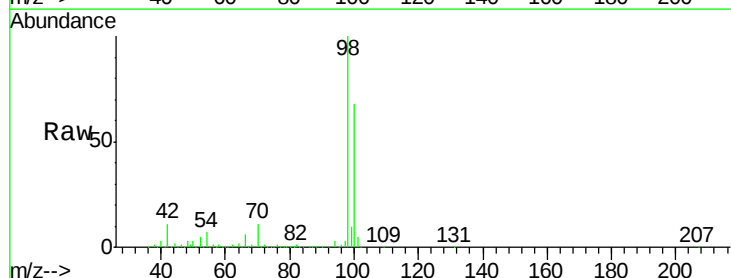
Manual Integrations  
APPROVED

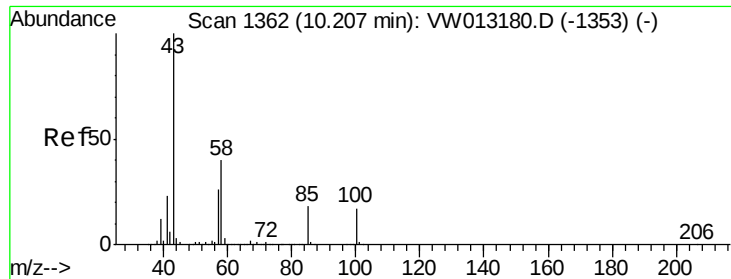
MMDadoda  
9/26/2019 12:37:50 AM



#50  
Toluene-d8  
Concen: 48.830 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 67.0  | 52.9  | 79.3  |





#51

4-Methyl-2-Pentanone

Concen: 111.791 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

ClientSampled :

VW0924SBS01

Tot Ion: 43 Resp: 211371

Ion Ratio Lower Upper

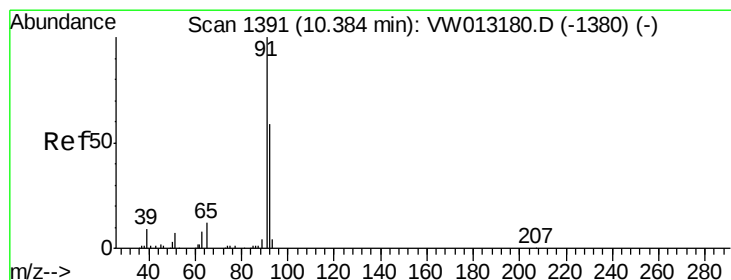
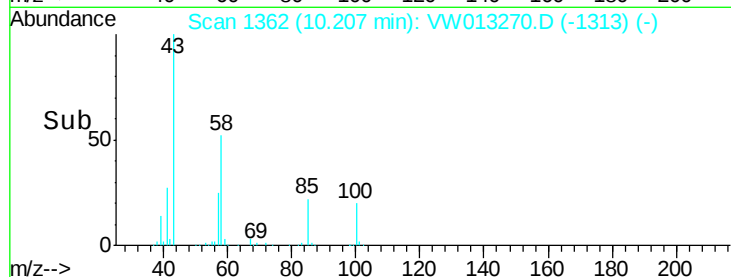
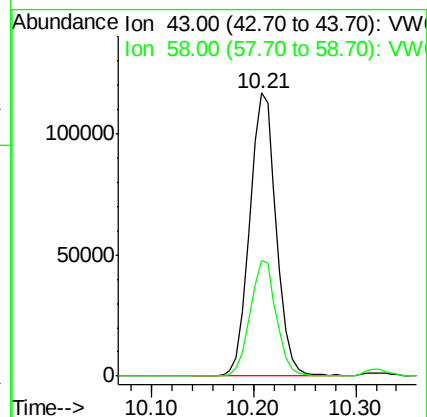
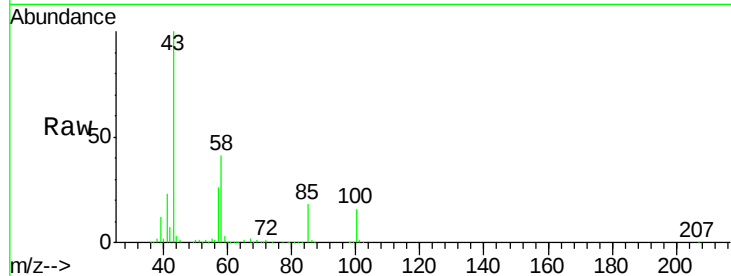
43 100

58 40.5 31.7 47.5

Manual Integrations  
APPROVED

MMDadoda

9/26/2019 12:37:50 AM



#52

Toluene

Concen: 19.594 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013270.D

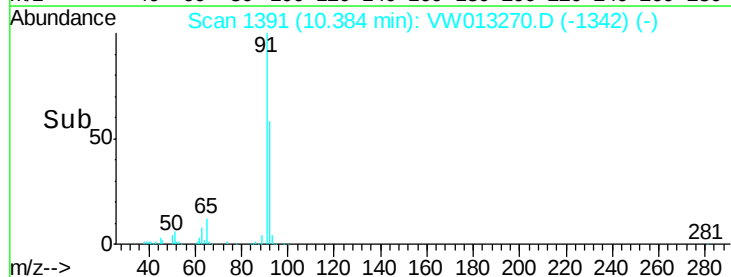
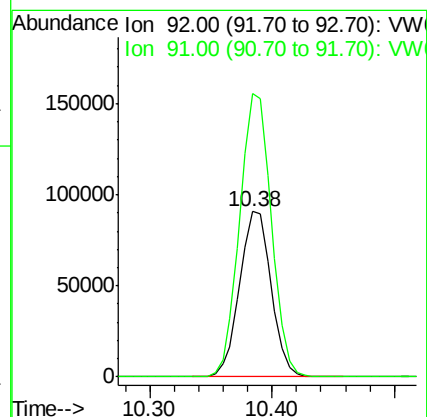
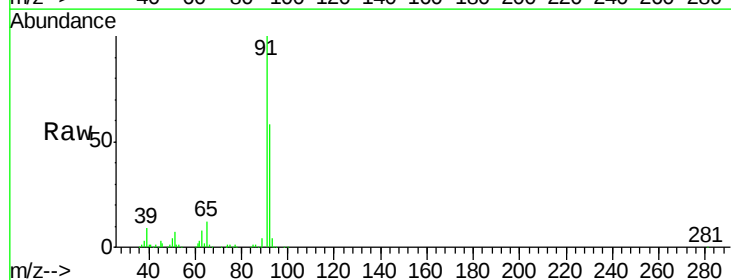
Acq: 24 Sep 2019 12:36

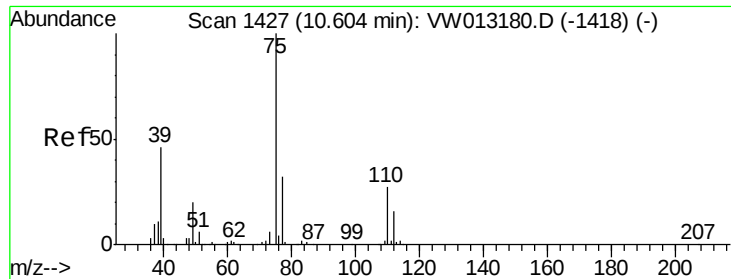
Tgt Ion: 92 Resp: 162187

Ion Ratio Lower Upper

92 100

91 172.4 135.7 203.5





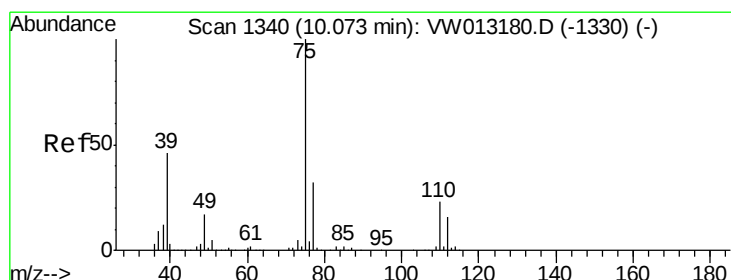
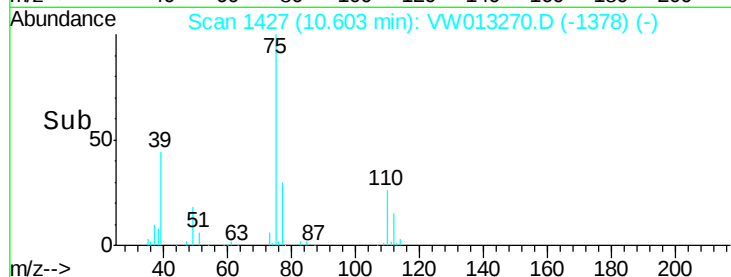
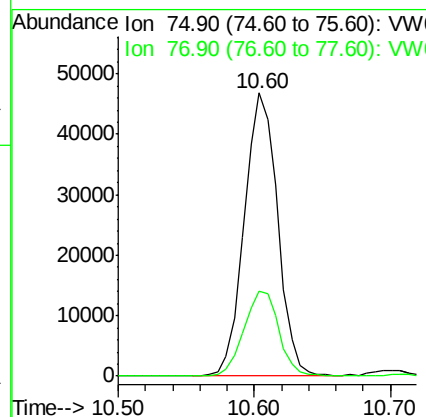
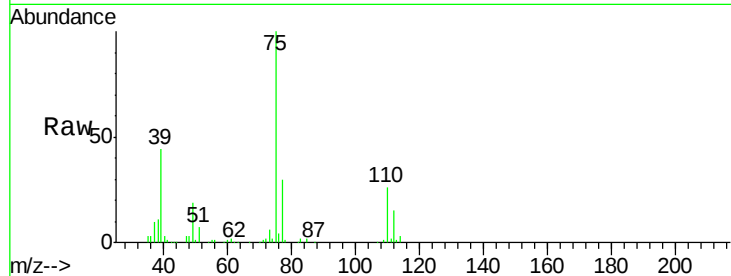
#53  
 t-1,3-Dichloropropene  
 Concen: 20.065 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0924SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.1  | 25.5  | 38.3  |

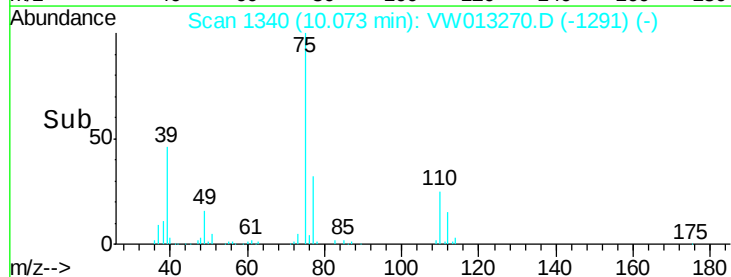
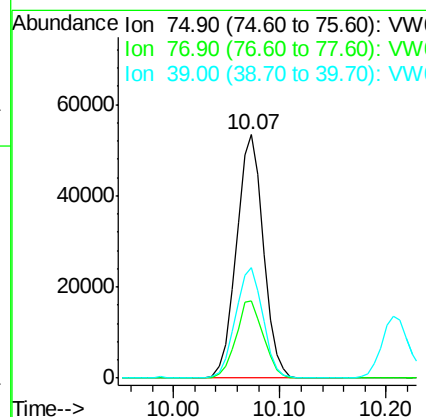
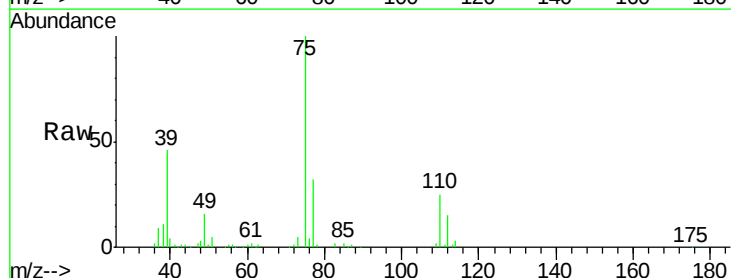
Manual Integrations  
 APPROVED

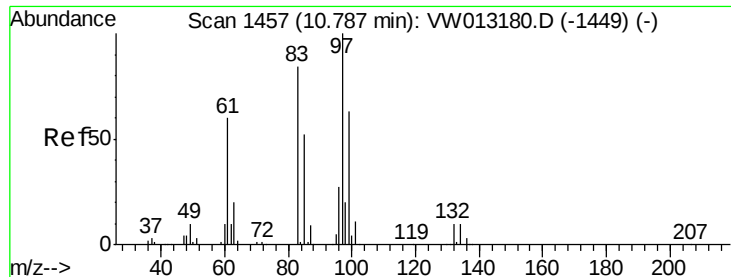
MMDadoda  
 9/26/2019 12:37:50 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.522 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.6  | 25.2  | 37.8  |
| 39      | 45.6  | 36.6  | 55.0  |





#55

1,1,2-Trichloroethane

Concen: 19.475 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

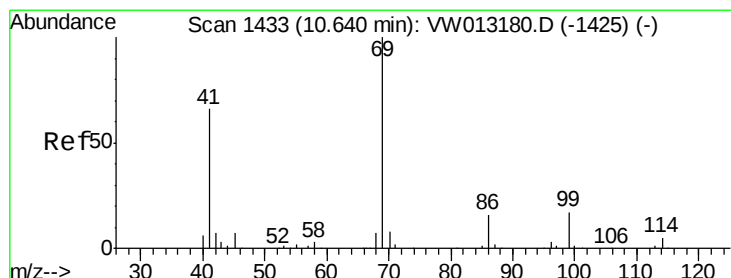
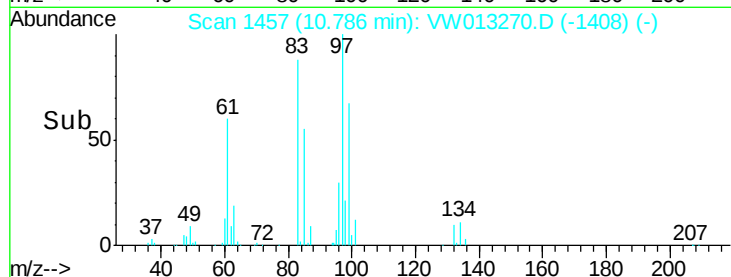
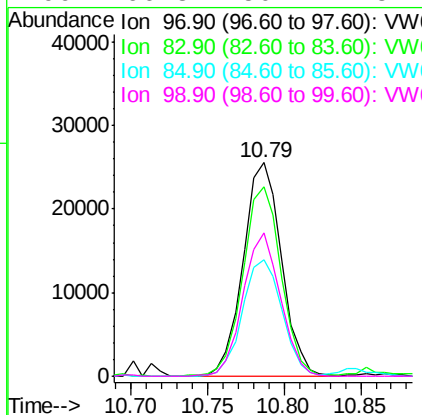
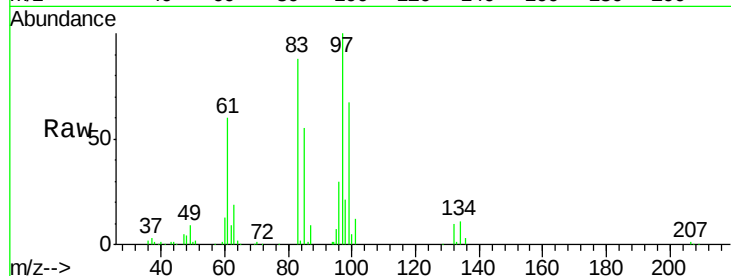
ClientSampleId :

VW0924SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 44560 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.0  | 67.6  | 101.4 |
| 85       | 54.7  | 41.9  | 62.9  |
| 99       | 66.8  | 50.1  | 75.1  |

Manual Integrations  
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MMDadoda  
9/26/2019 12:37:50 AM



#56

Ethyl methacrylate

Concen: 21.364 ug/l

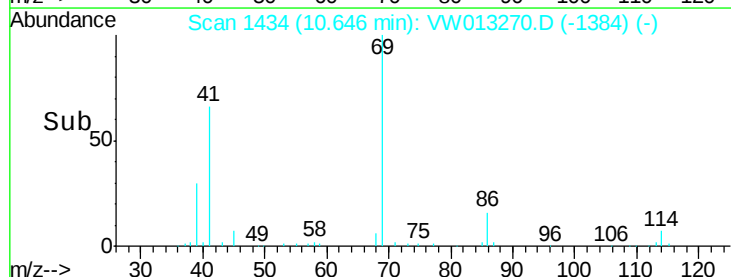
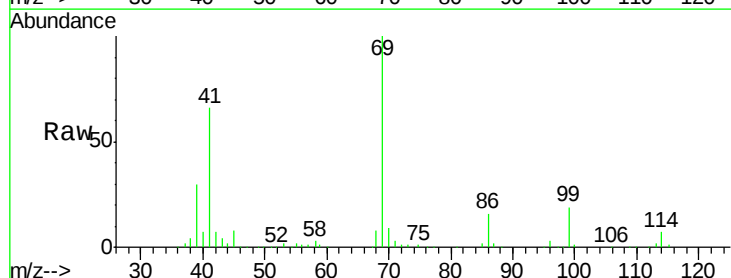
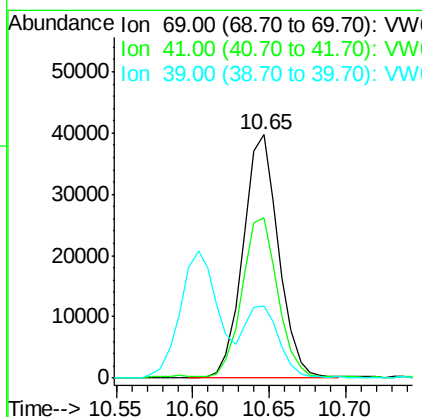
RT: 10.65 min Scan# 1434

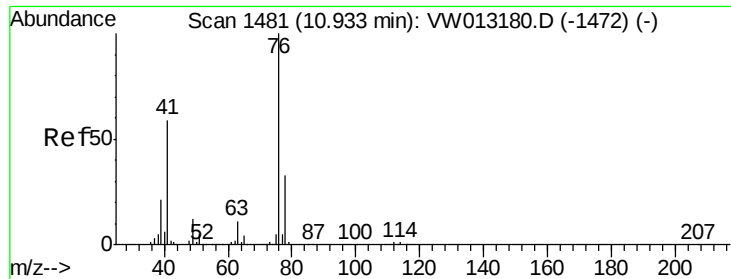
Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 63974 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.6  | 53.9  | 80.9  |
| 39       | 28.3  | 23.8  | 35.6  |





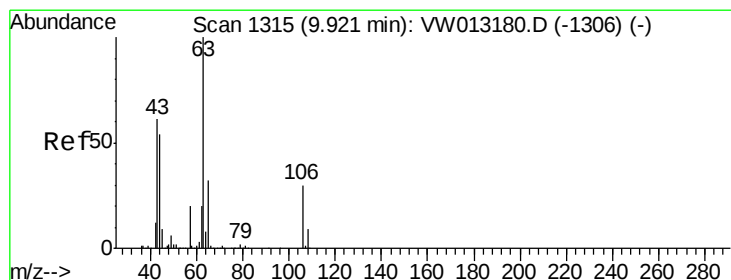
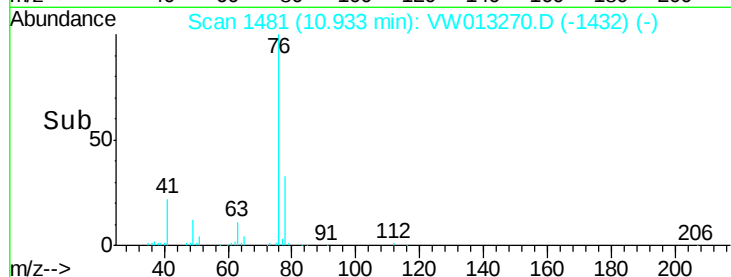
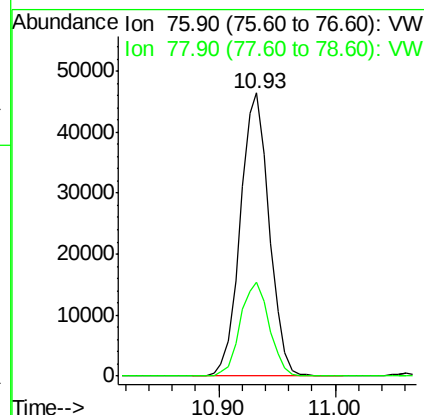
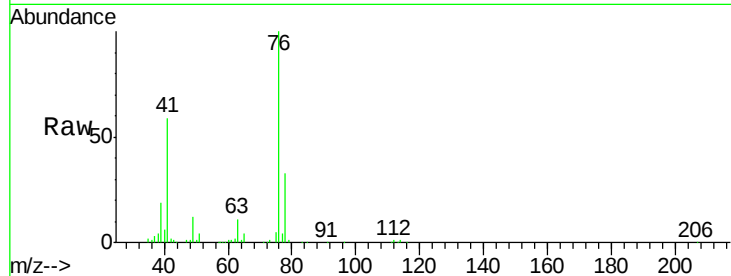
#57  
 1,3-Dichloropropane  
 Concen: 20.027 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0924SBSD01

Tot Ion: 76 Resp: 79963  
 Ion Ratio Lower Upper  
 76 100  
 78 33.6 25.5 38.3

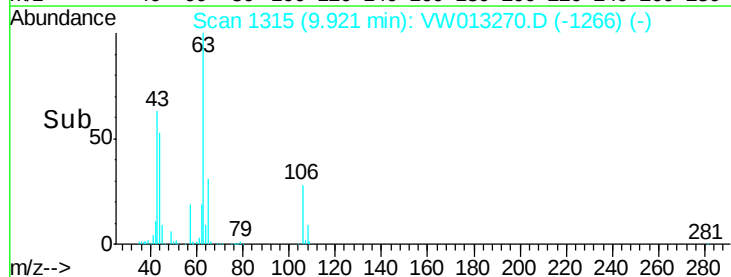
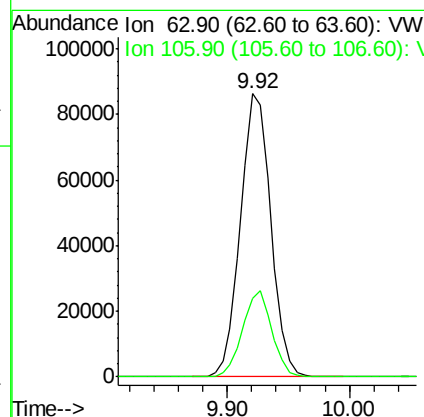
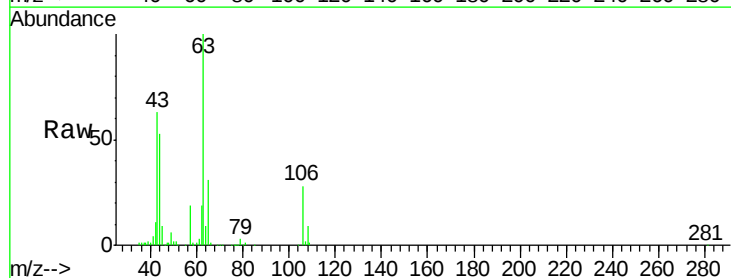
Manual Integrations  
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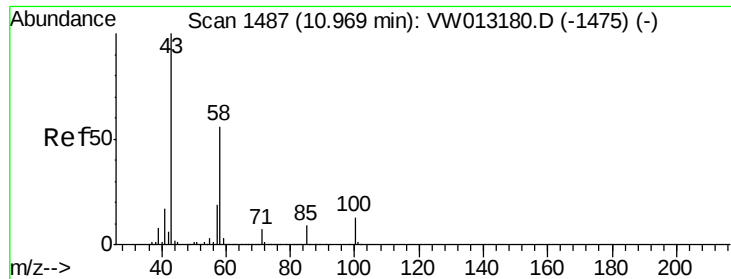
MMDadoda  
 9/26/2019 12:37:50 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 107.231 ug/l  
 RT: 9.92 min Scan# 1315  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

Tgt Ion: 63 Resp: 148653  
 Ion Ratio Lower Upper  
 63 100  
 106 29.4 23.4 35.0





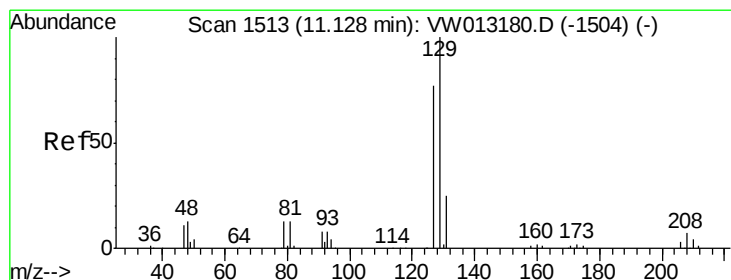
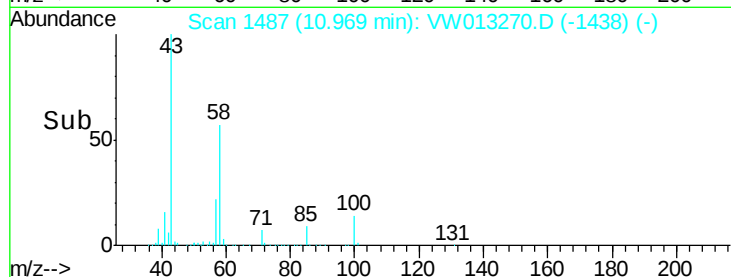
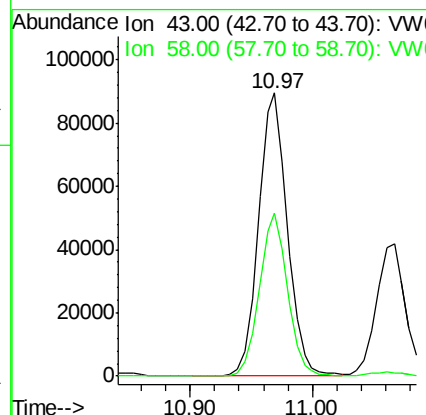
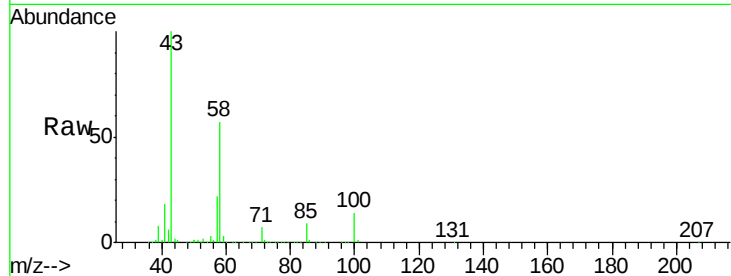
#59  
2-Hexanone  
Concen: 113.102 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

| Tot Ion   | 43   | Resp  | 147128 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 56.0 | 28.1  | 84.2   |

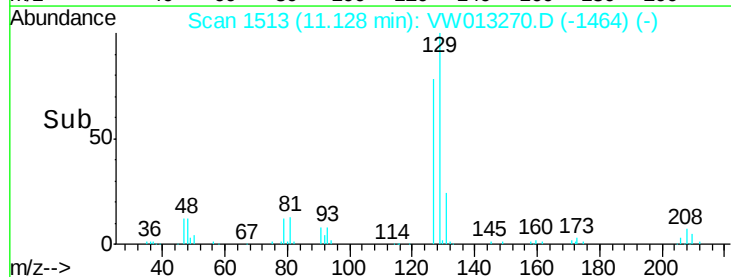
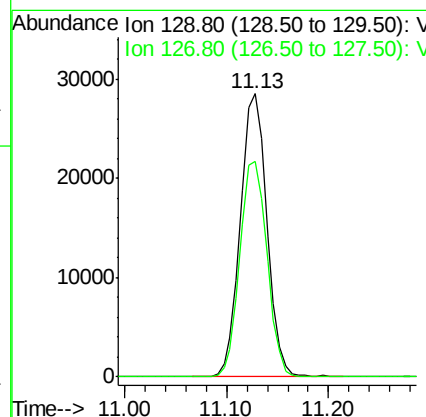
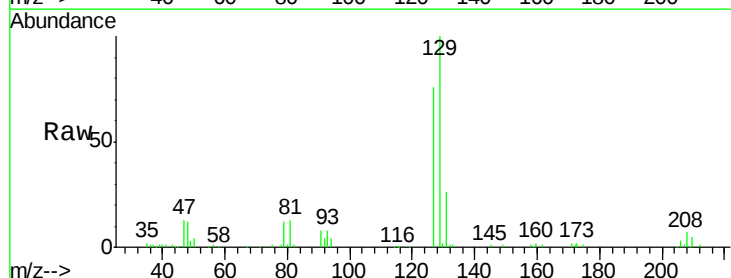
Manual Integrations  
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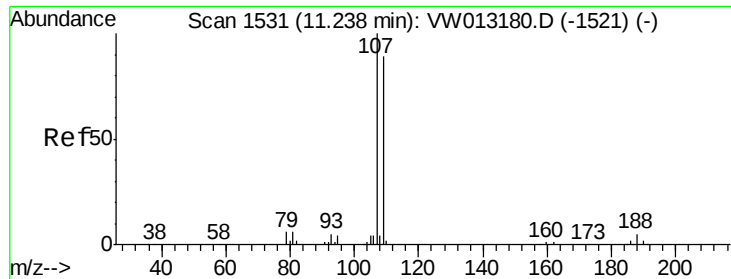
MMDadoda  
9/26/2019 12:37:50 AM



#60  
Dibromochloromethane  
Concen: 19.784 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion   | 129  | Resp | 51401 |       |
|-----------|------|------|-------|-------|
| Ion Ratio | 129  | 100  | Lower | Upper |
| 129       | 100  |      |       |       |
| 127       | 77.8 | 38.8 | 116.4 |       |





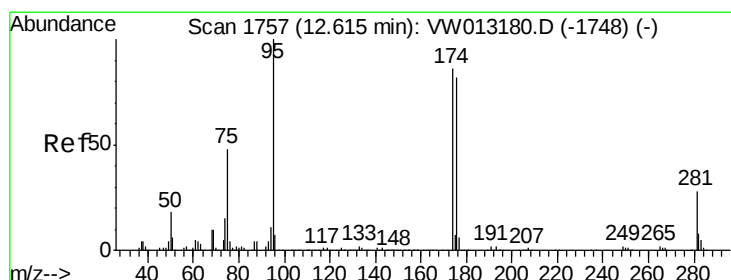
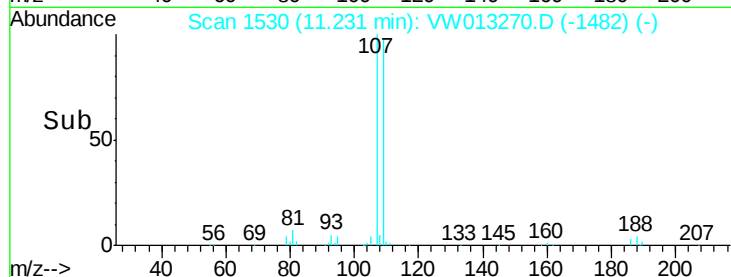
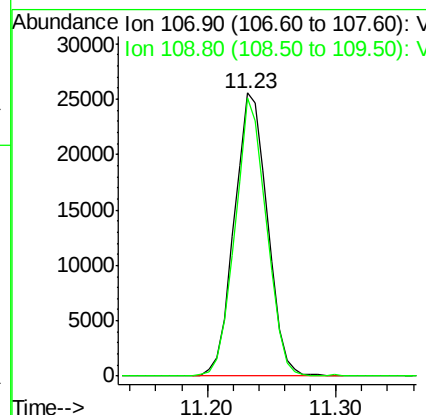
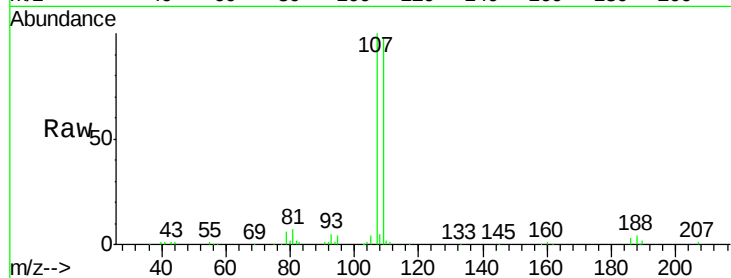
#61  
 1,2-Dibromoethane  
 Concen: 20.963 ug/l  
 RT: 11.23 min Scan# 1530  
 Delta R.T. -0.01 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0924SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.1  | 75.2  | 112.8 |

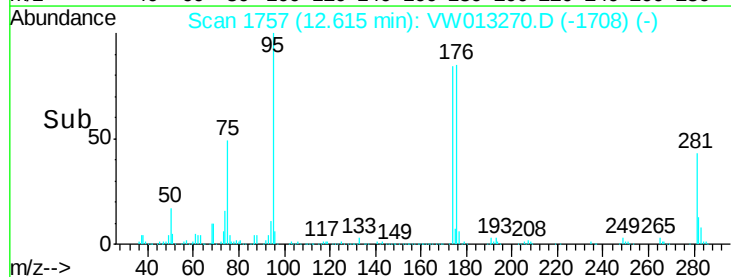
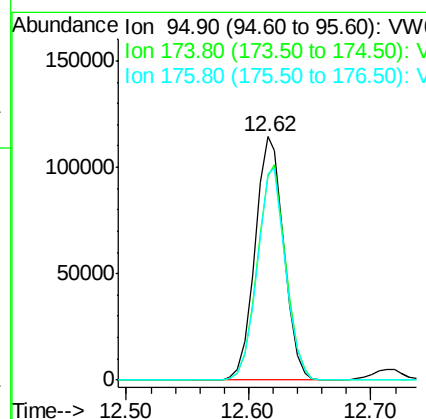
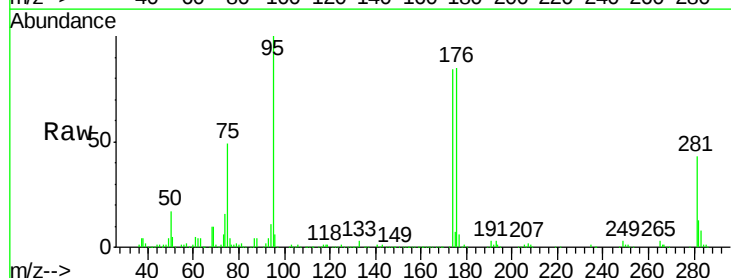
Manual Integrations  
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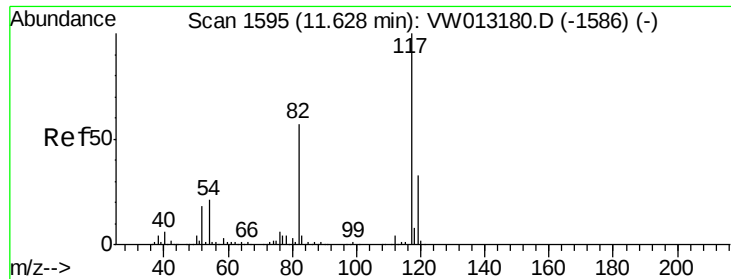
MMDadoda  
 9/26/2019 12:37:50 AM



#62  
 4-Bromofluorobenzene  
 Concen: 49.844 ug/l  
 RT: 12.62 min Scan# 1757  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 87.6  | 0.0   | 178.4 |
| 176     | 85.5  | 0.0   | 172.2 |





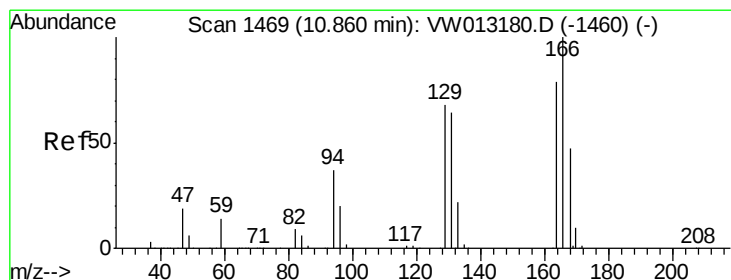
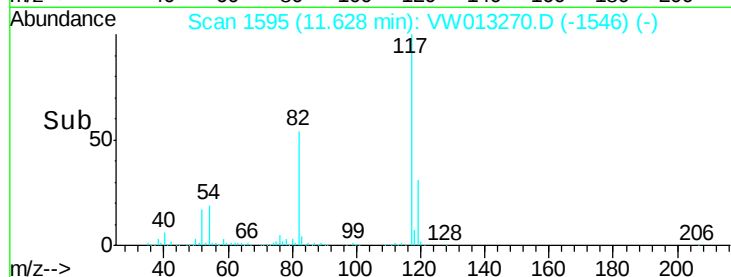
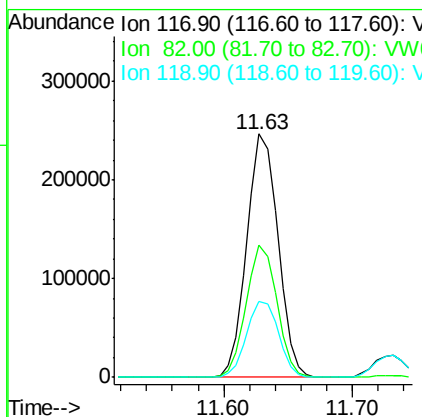
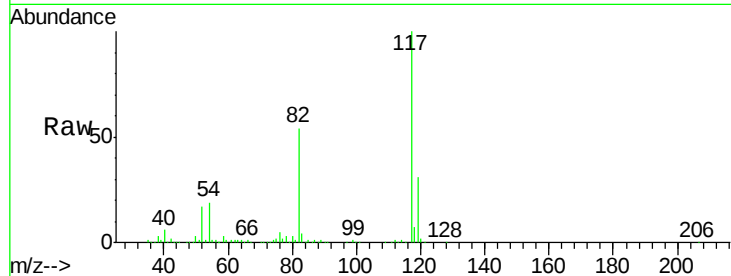
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1595  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 413361 |       |       |
| 82      | 54.4  |        | 45.9  | 68.9  |
| 119     | 31.2  |        | 26.2  | 39.2  |

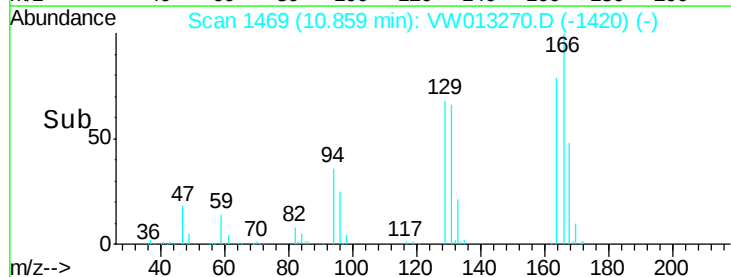
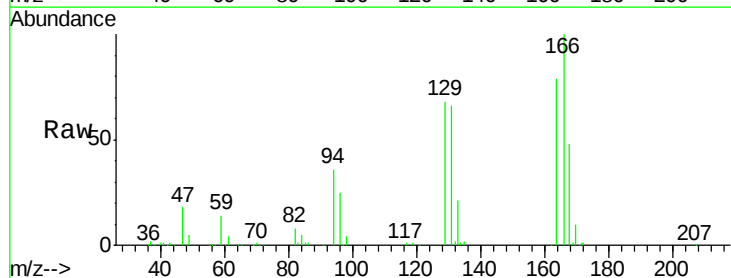
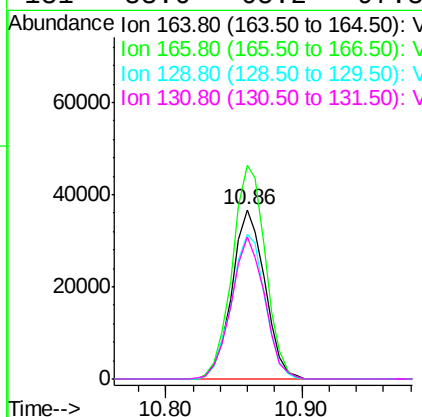
Manual Integrations  
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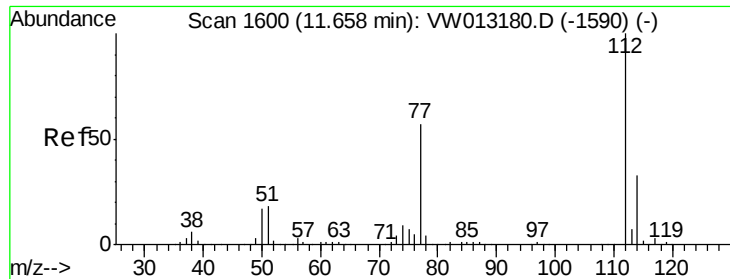
MMDadoda  
9/26/2019 12:37:50 AM



#64  
Tetrachloroethene  
Concen: 19.761 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 61976 |       |       |
| 166     | 126.1 |       | 101.2 | 151.8 |
| 129     | 85.2  |       | 68.8  | 103.2 |
| 131     | 83.6  |       | 65.2  | 97.8  |





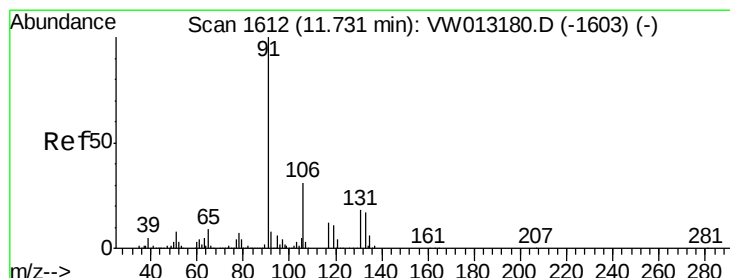
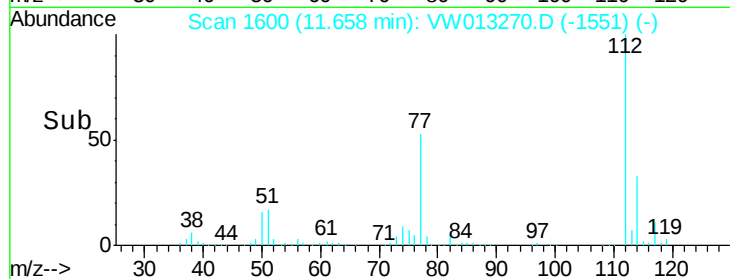
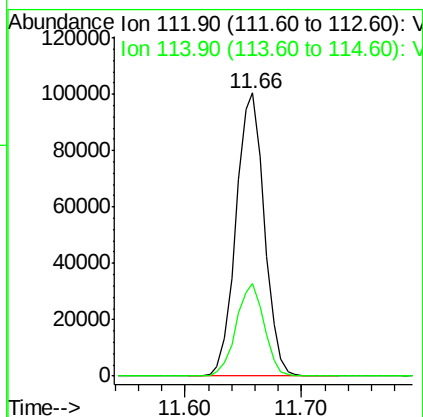
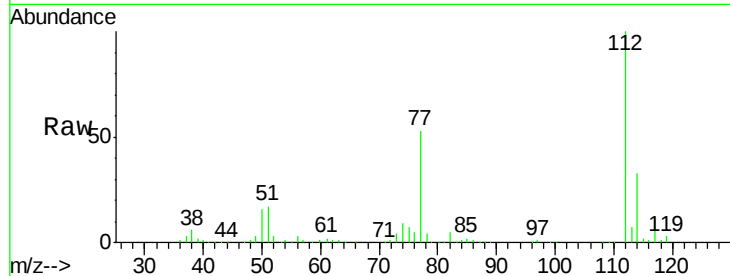
#65  
Chlorobenzene  
Concen: 19.683 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

Tot Ion:112 Resp: 169904  
Ion Ratio Lower Upper  
112 100  
114 32.5 26.5 39.7

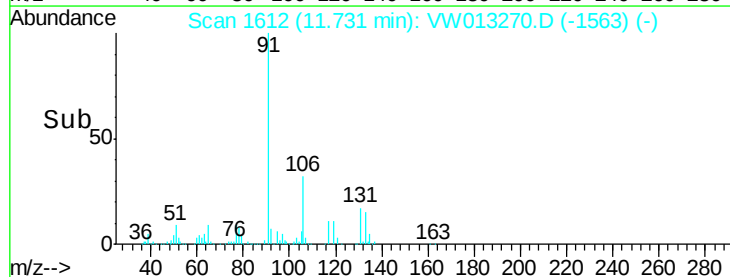
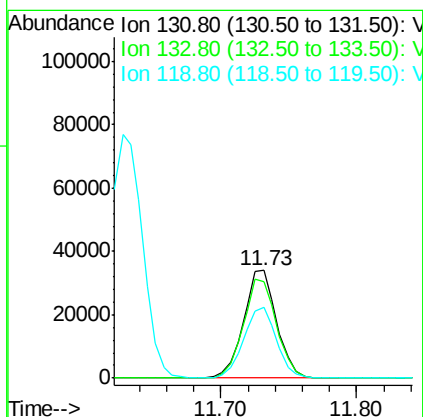
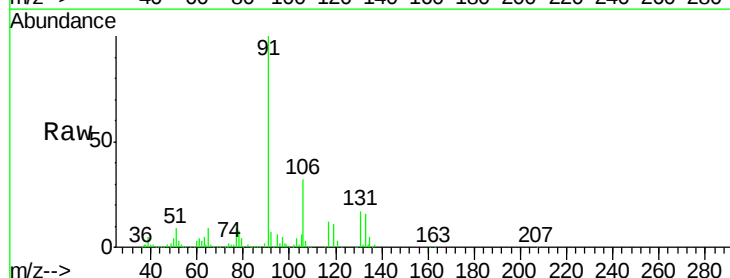
Manual Integrations  
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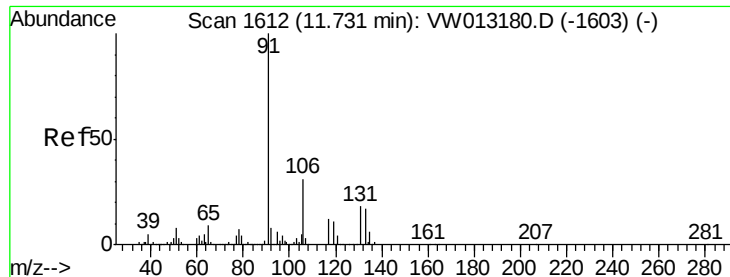
MMDadoda  
9/26/2019 12:37:50 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.445 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Tgt Ion:131 Resp: 57342  
Ion Ratio Lower Upper  
131 100  
133 93.3 47.5 142.6  
119 65.9 32.5 97.5





#67

Ethyl Benzene

Concen: 20.088 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0924SBSD01

Tot Ion: 91 Resp: 314174

Ion Ratio Lower Upper

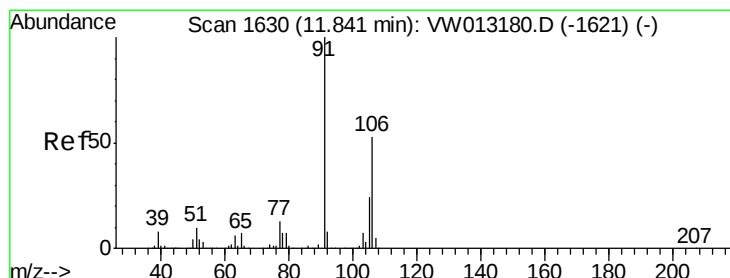
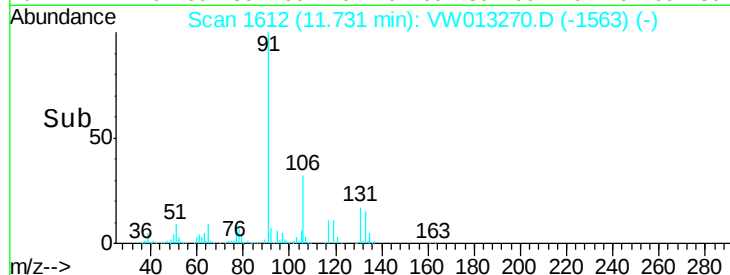
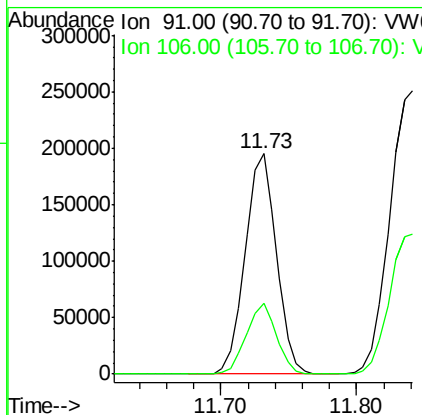
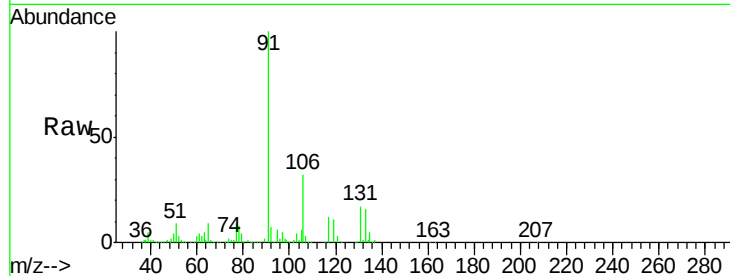
91 100

106 32.3 24.9 37.3

Manual Integrations  
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MMDadoda

9/26/2019 12:37:50 AM



#68

m/p-Xylenes

Concen: 40.305 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW013270.D

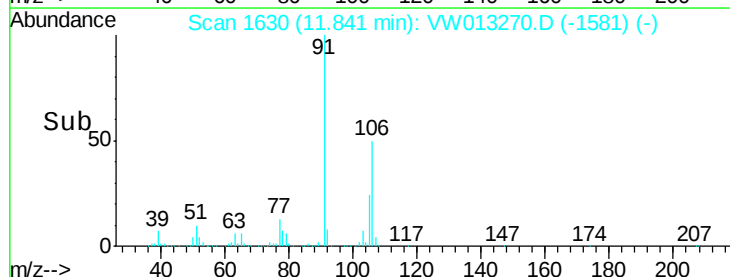
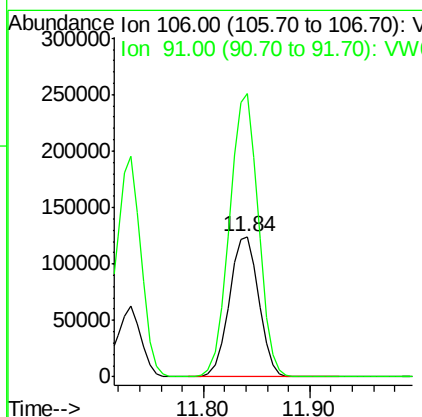
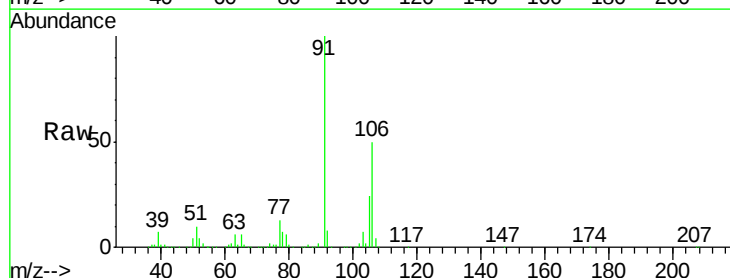
Acq: 24 Sep 2019 12:36

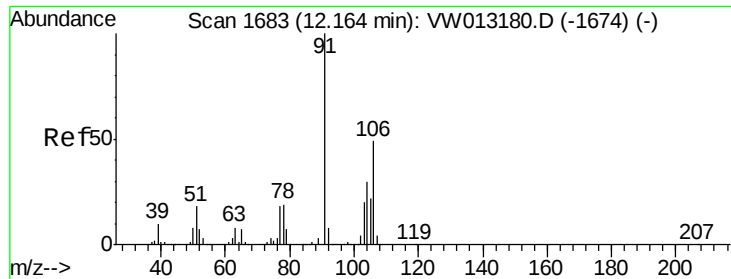
Tgt Ion: 106 Resp: 240207

Ion Ratio Lower Upper

106 100

91 198.6 157.9 236.9





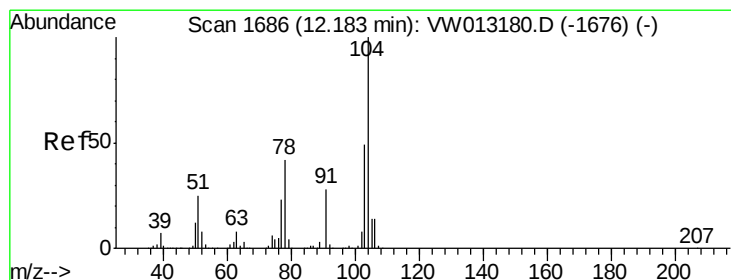
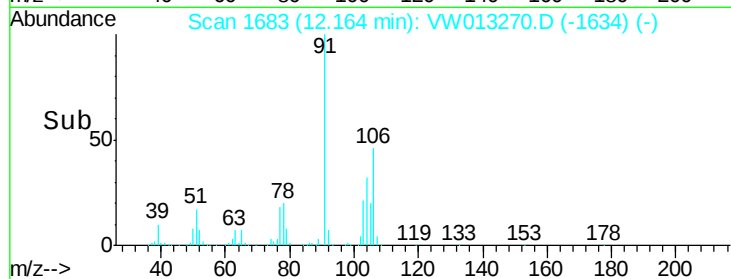
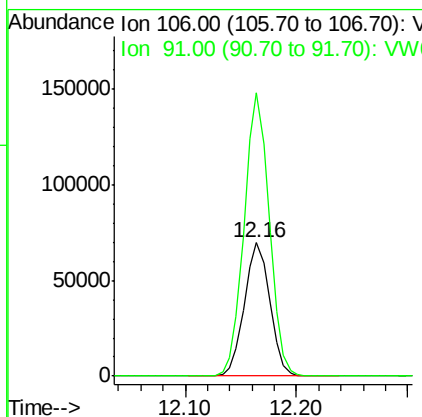
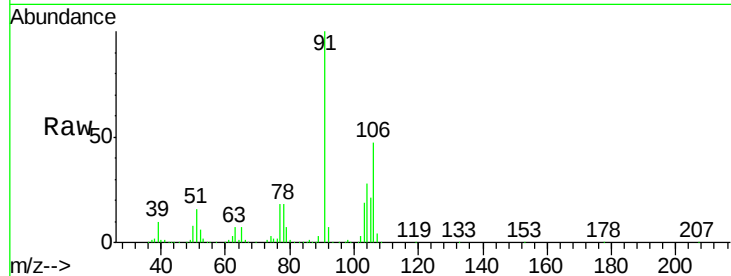
#69  
o-Xylene  
Concen: 20.032 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 110995 |       |       |
| 91      | 208.7 | 106.5  | 319.5 |       |

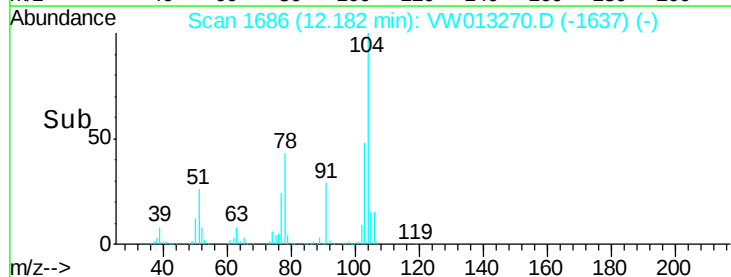
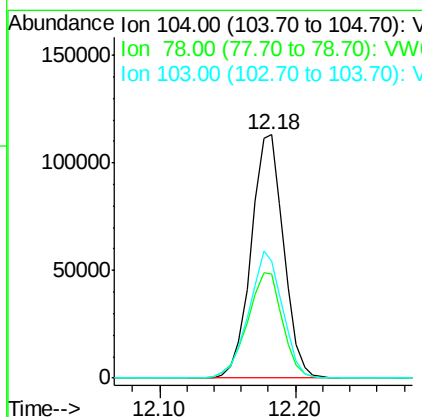
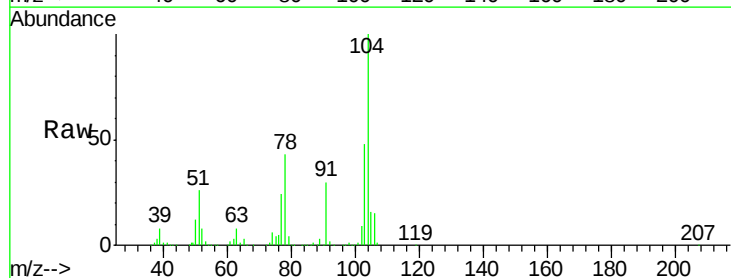
Manual Integrations  
APPROVED

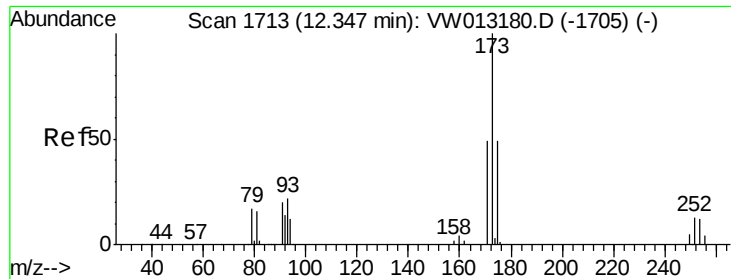
MMDadoda  
9/26/2019 12:37:50 AM



#70  
Styrene  
Concen: 19.946 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 189735 |       |       |
| 78      | 46.8  | 38.4   | 57.6  |       |
| 103     | 54.0  | 43.3   | 64.9  |       |





#71

Bromoform

Concen: 19.752 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0924SBSD01

Tot Ion:173 Resp: 30772

Ion Ratio Lower Upper

173 100

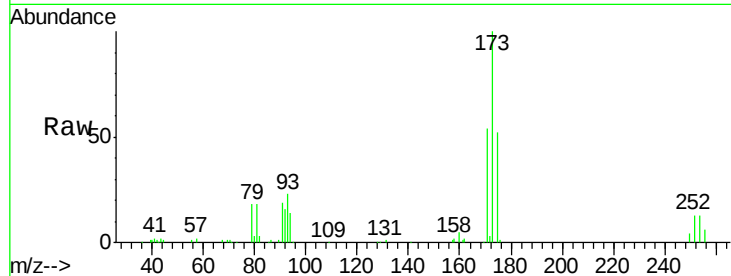
175 50.1 24.3 73.0

254 0.0 0.1 0.1#

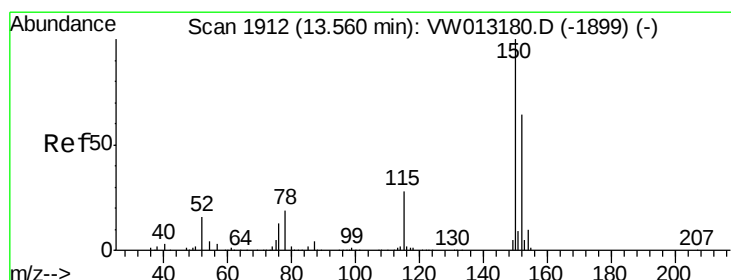
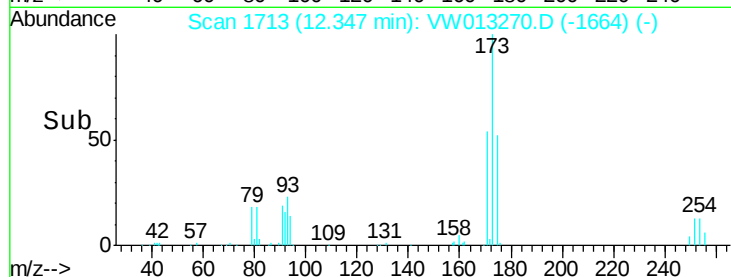
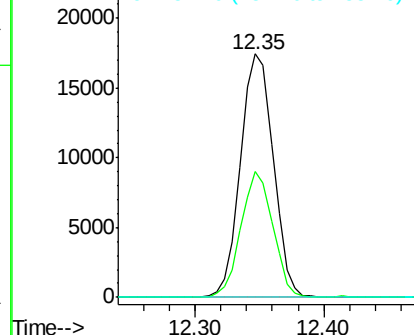
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9/26/2019 12:37:50 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

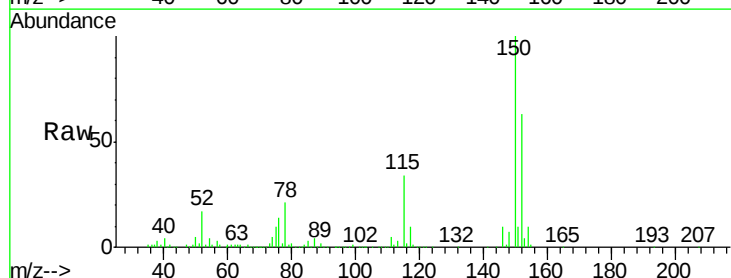
Tgt Ion:152 Resp: 208592

Ion Ratio Lower Upper

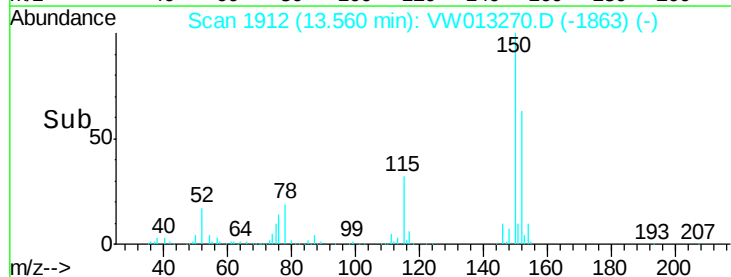
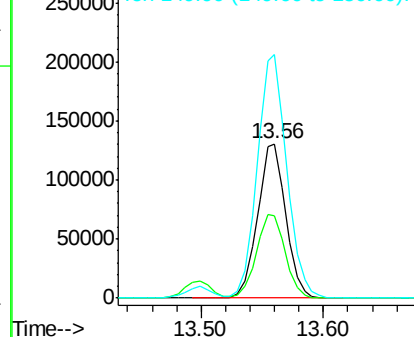
152 100

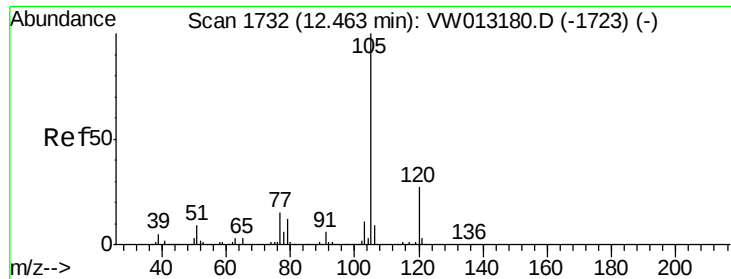
115 55.6 27.3 81.9

150 165.8 0.0 349.0



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





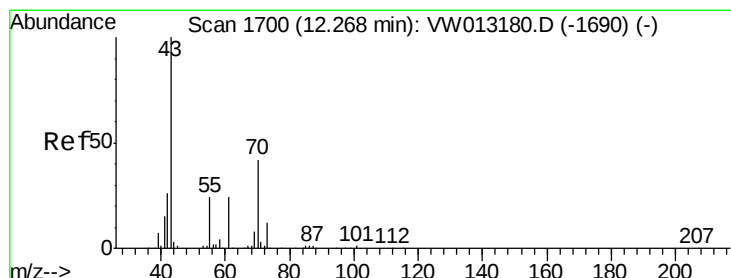
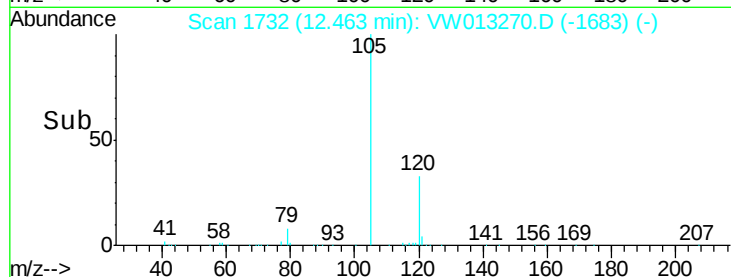
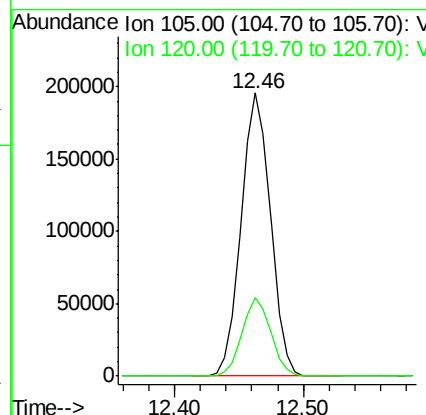
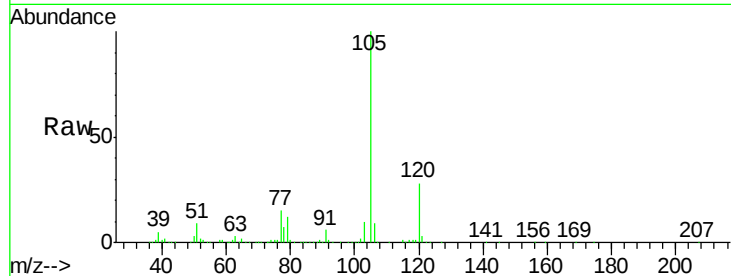
#73  
Isopropylbenzene  
Concen: 19.981 ug/l  
RT: 12.46 min Scan# 1732  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 307885 |       |       |
| 120     | 27.2  |        | 13.4  | 40.1  |

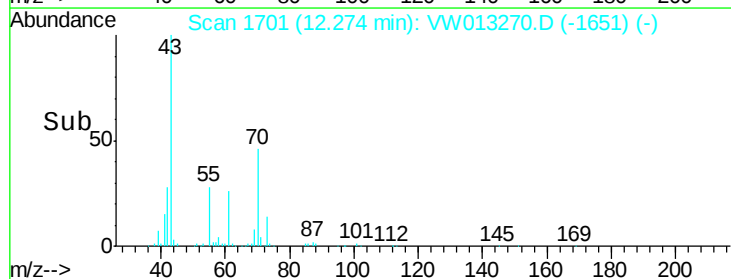
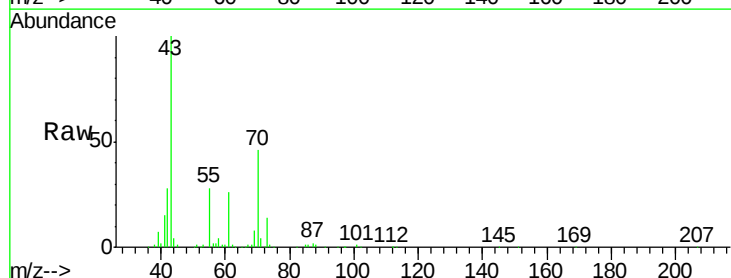
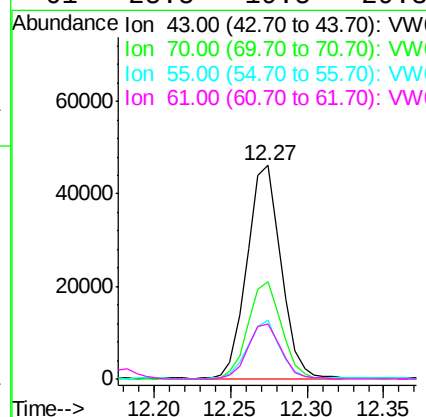
Manual Integrations  
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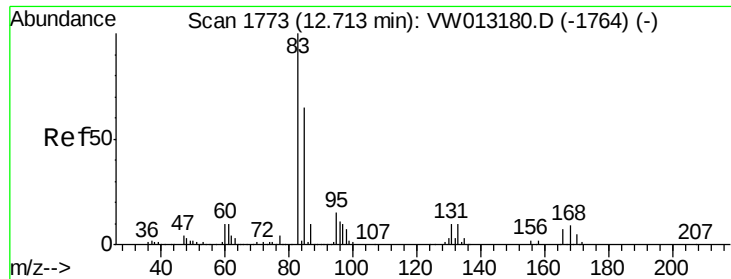
MMDadoda  
9/26/2019 12:37:50 AM



#74  
N-ethyl acetate  
Concen: 20.914 ug/l  
RT: 12.27 min Scan# 1701  
Delta R.T. 0.01 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 43      | 100   | 71510 |       |       |
| 70      | 45.1  |       | 35.1  | 52.7  |
| 55      | 26.5  |       | 19.9  | 29.9  |
| 61      | 25.5  |       | 19.5  | 29.3  |





#75

1,1,2,2-Tetrachloroethane

Concen: 21.271 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

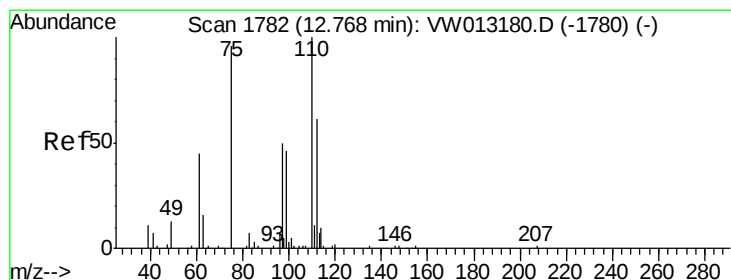
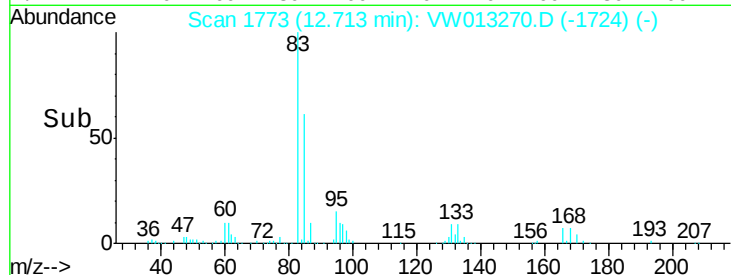
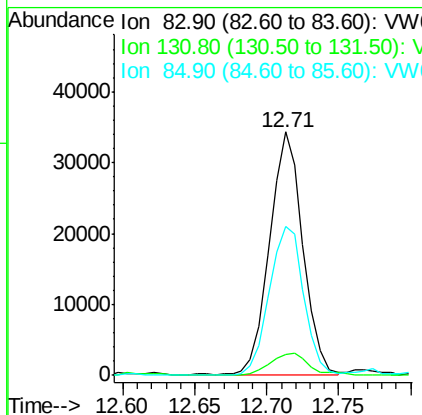
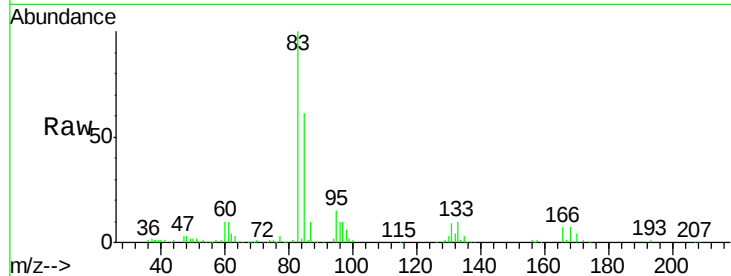
ClientSampleId :

VW0924SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 54815 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.9  | 5.4   | 16.2  |
| 85        | 63.8  | 31.9  | 95.9  |

Manual Integrations  
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MMDadoda  
9/26/2019 12:37:50 AM



#76

1,2,3-Trichloropropane

Concen: 19.266 ug/l m

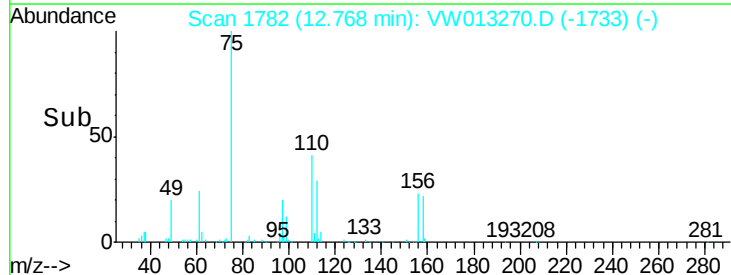
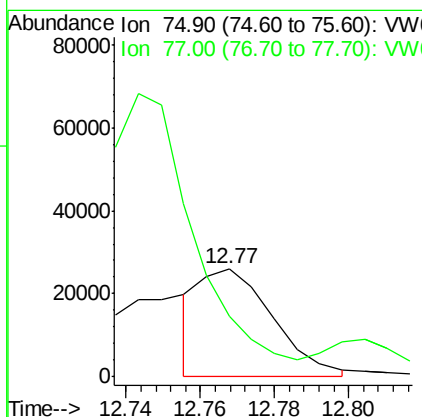
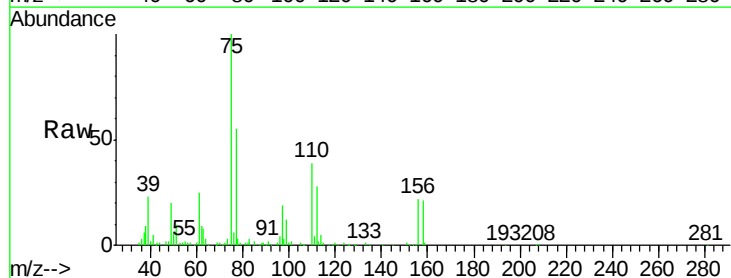
RT: 12.77 min Scan# 1782

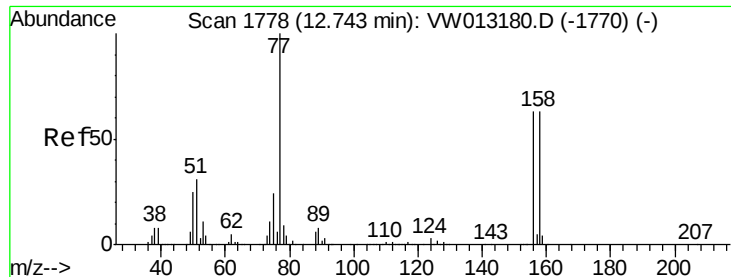
Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 35490 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





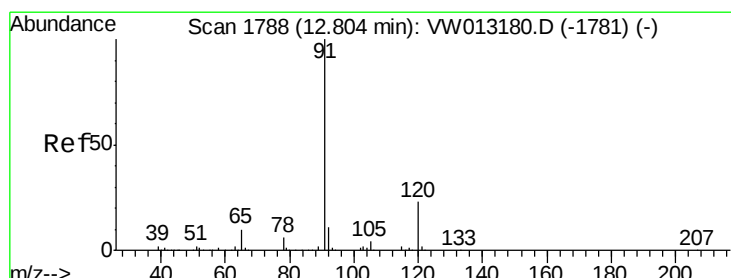
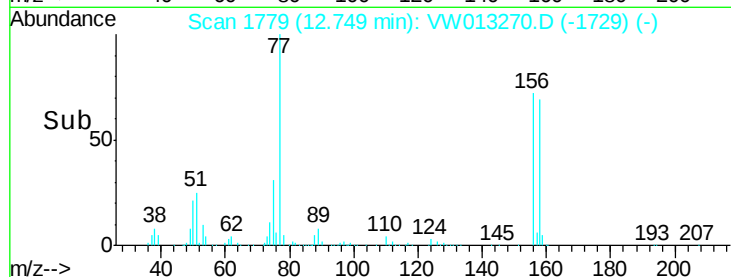
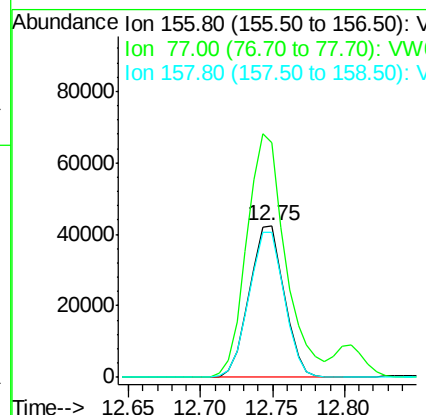
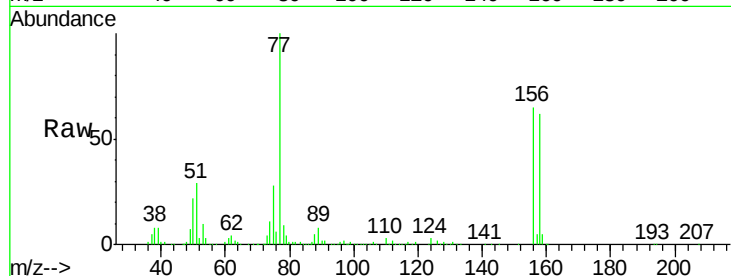
#77  
Bromobenzene  
Concen: 19.487 ug/l  
RT: 12.75 min Scan# 1779  
Delta R.T. 0.01 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 177.5 | 85.7  | 257.1 |
| 158     | 96.6  | 48.1  | 144.4 |

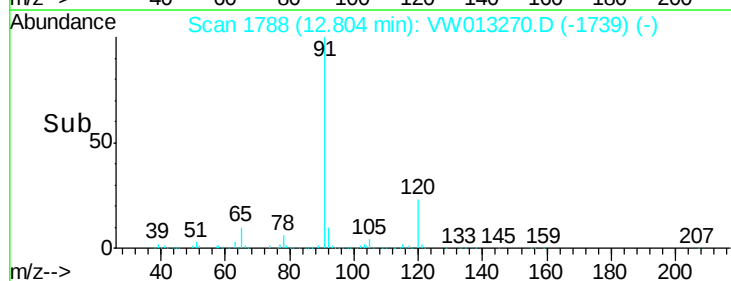
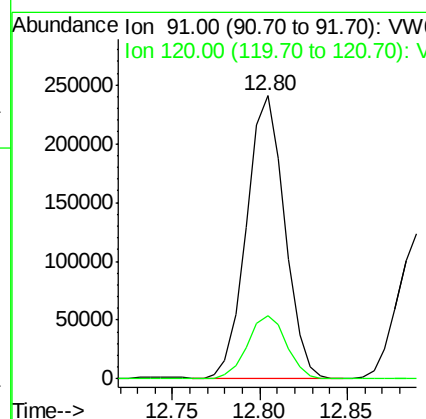
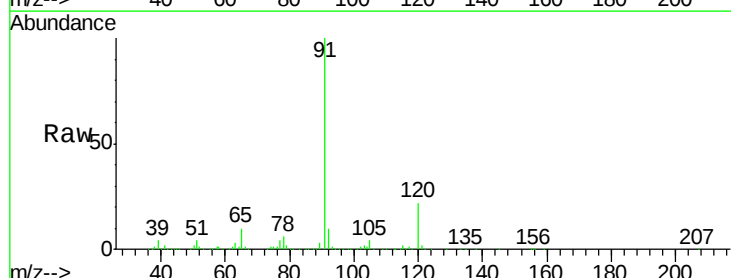
Manual Integrations  
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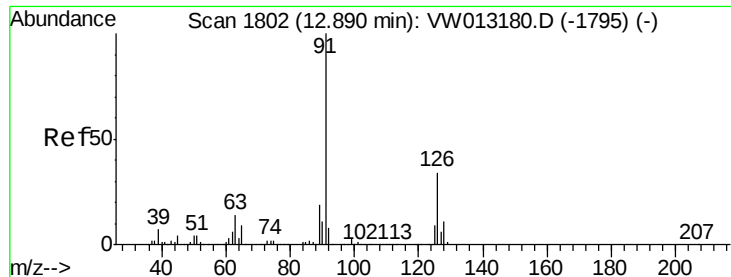
MMDadoda  
9/26/2019 12:37:50 AM



#78  
n-propylbenzene  
Concen: 20.218 ug/l  
RT: 12.80 min Scan# 1788  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.8  | 11.7  | 35.1  |





#79

2-Chlorotoluene

Concen: 20.173 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

ClientSampleId :

VW0924SBSD01

Tot Ion: 91 Resp: 203846

Ion Ratio Lower Upper

91 100

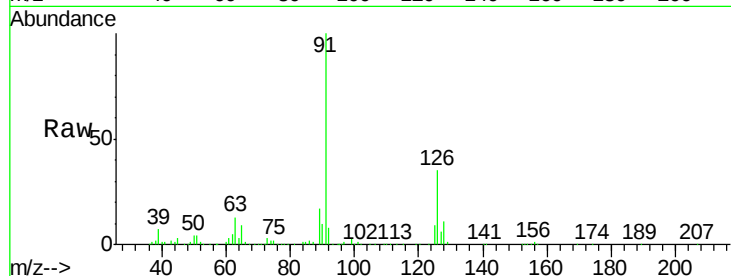
126 34.1 17.2 51.5

Manual Integrations

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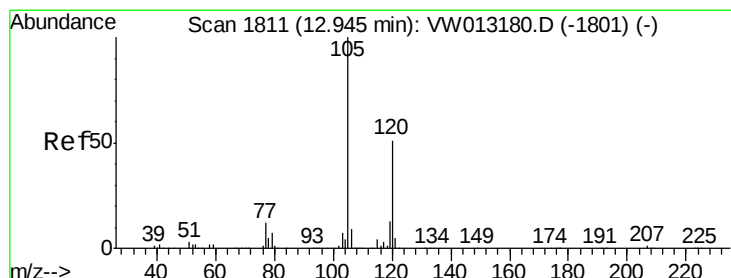
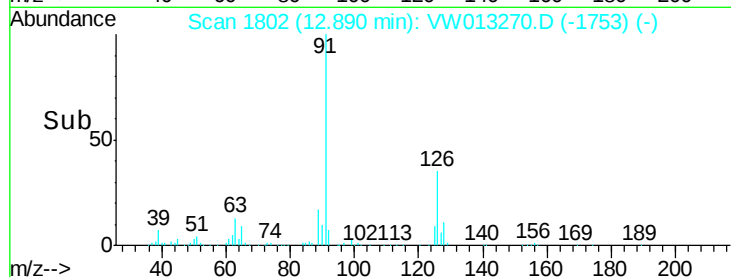
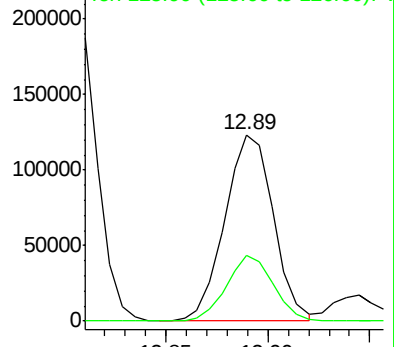
MMDadoda

9/26/2019 12:37:50 AM



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: 20.281 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013270.D

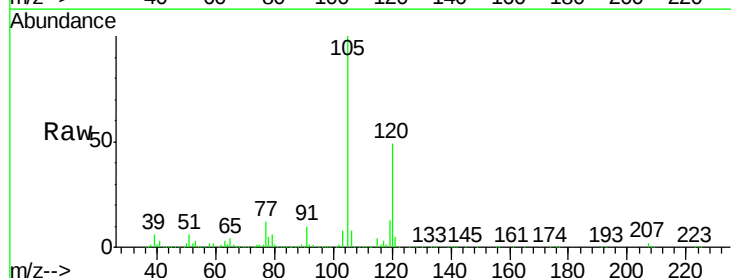
Acq: 24 Sep 2019 12:36

Tgt Ion:105 Resp: 262696

Ion Ratio Lower Upper

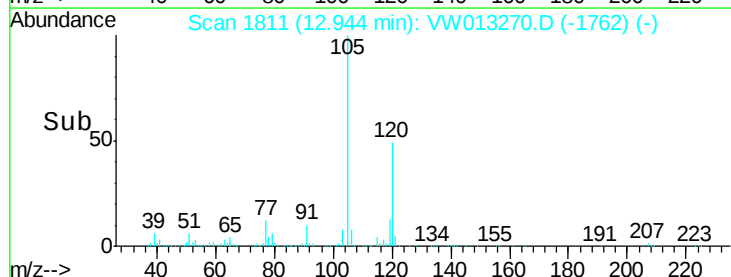
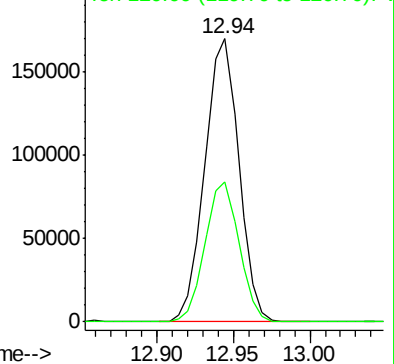
105 100

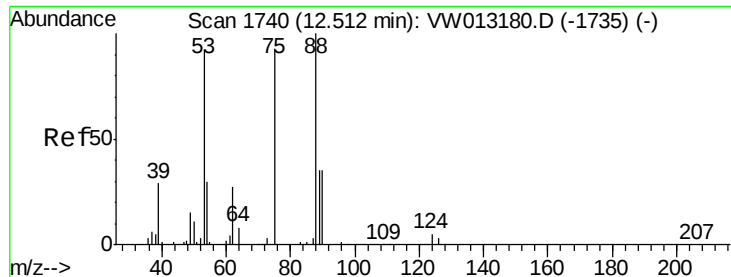
120 49.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





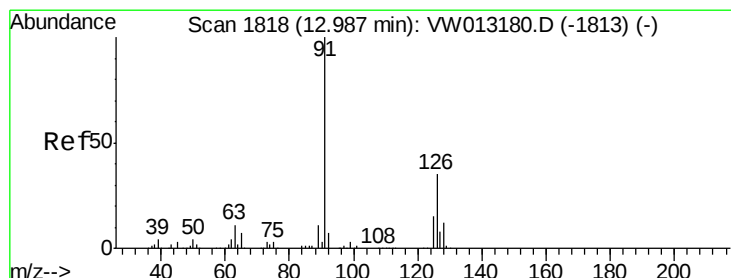
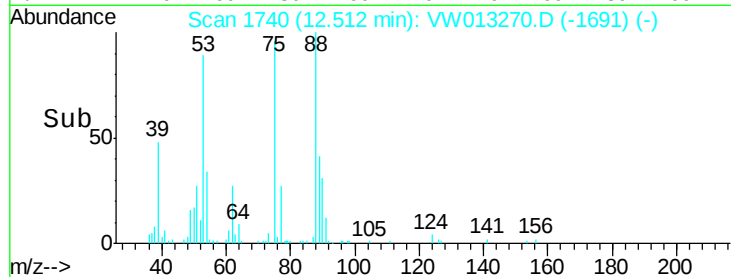
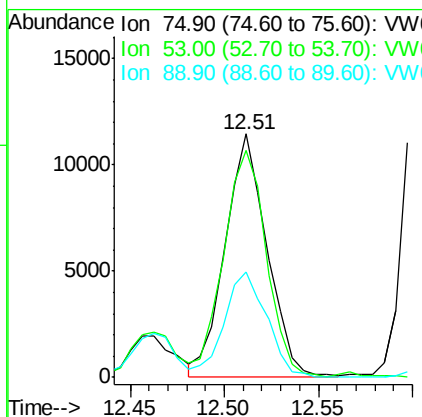
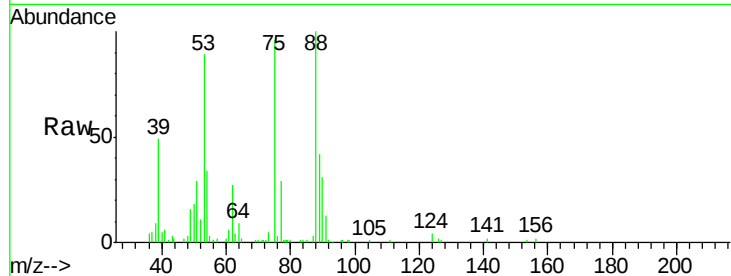
#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.591 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 95.1  | 76.6  | 114.8 |
| 89      | 43.9  | 33.5  | 50.3  |

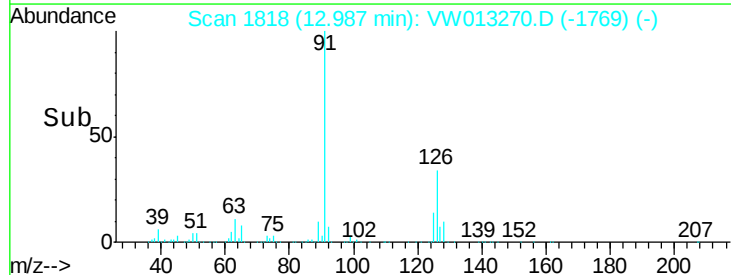
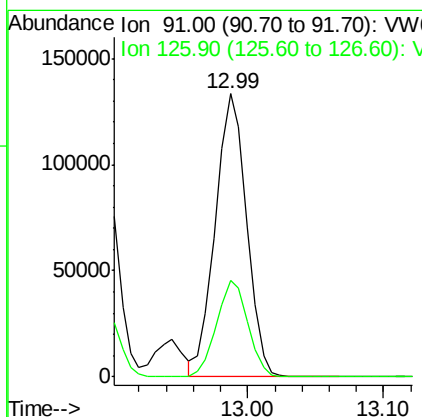
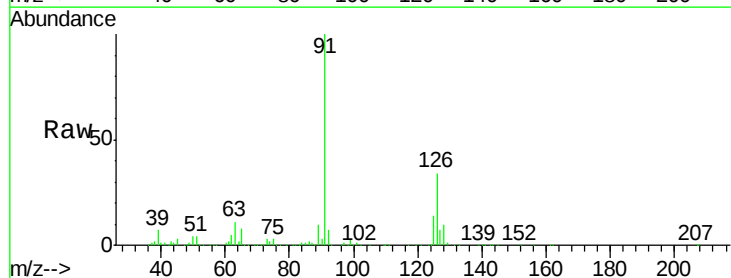
Manual Integrations  
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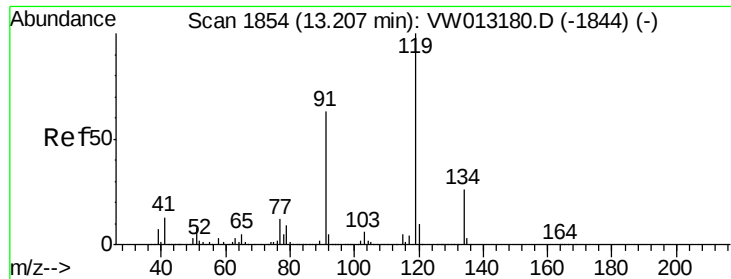
MMDadoda  
9/26/2019 12:37:50 AM



#82  
4-Chlorotoluene  
Concen: 19.929 ug/l  
RT: 12.99 min Scan# 1818  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 34.3  | 17.3  | 51.7  |





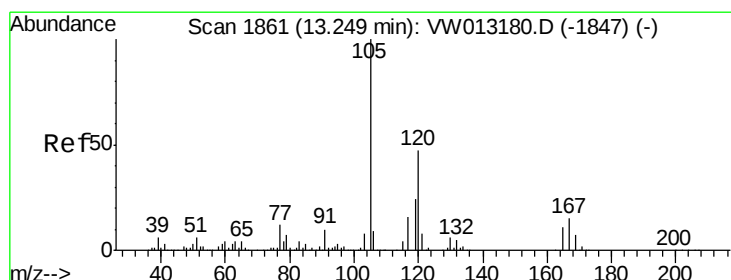
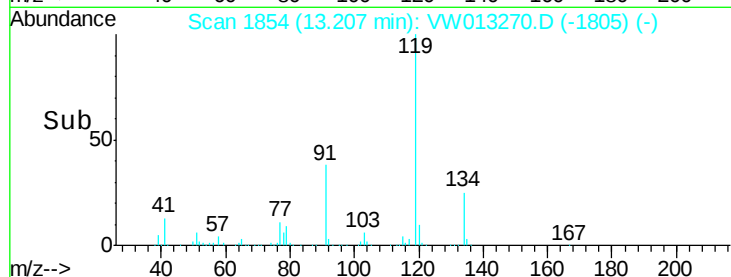
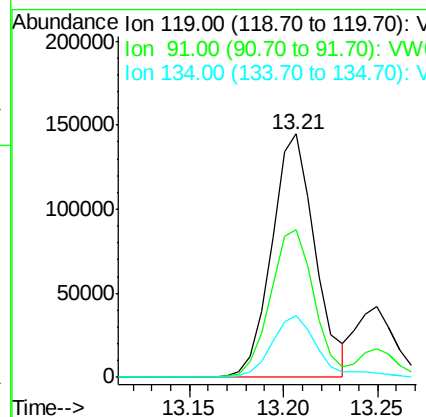
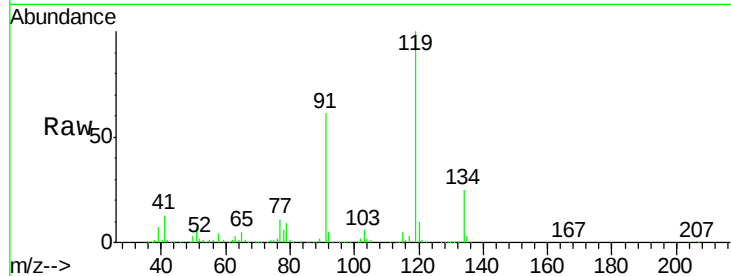
#83  
tert-Butylbenzene  
Concen: 20.291 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 230687 |       |       |
| 91      | 61.0  |        | 30.7  | 92.1  |
| 134     | 27.4  |        | 12.6  | 37.6  |

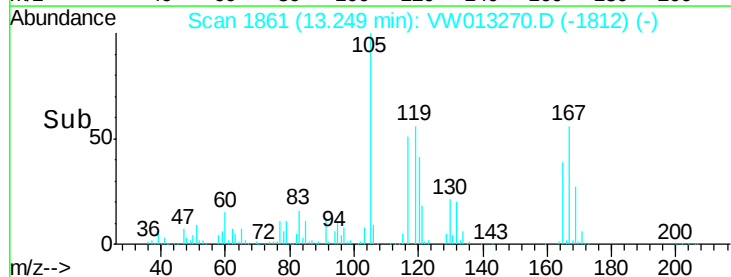
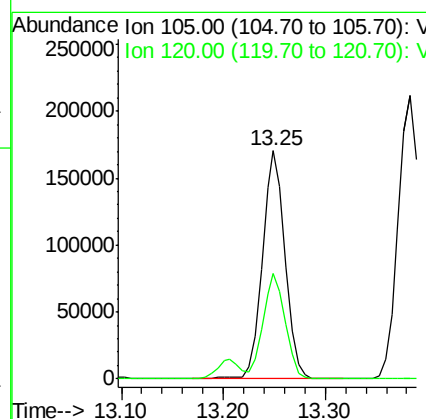
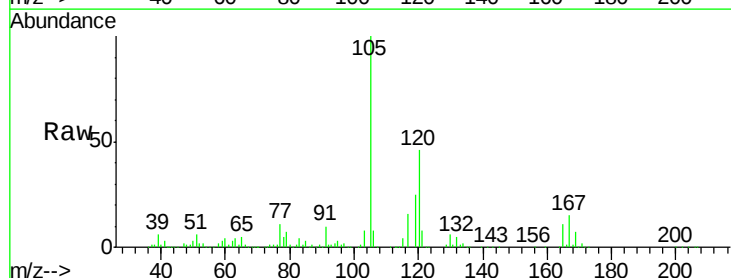
Manual Integrations  
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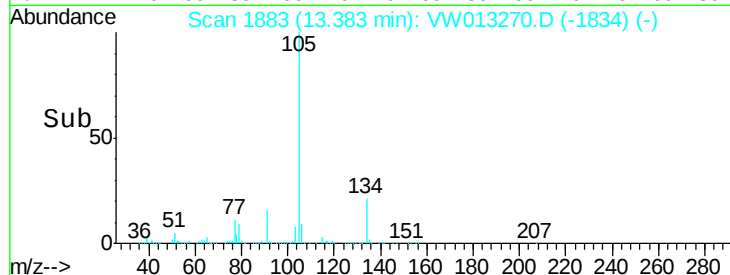
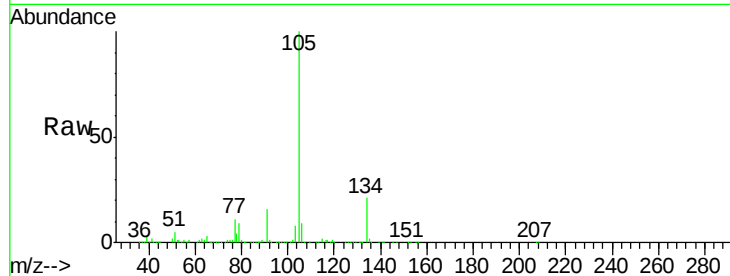
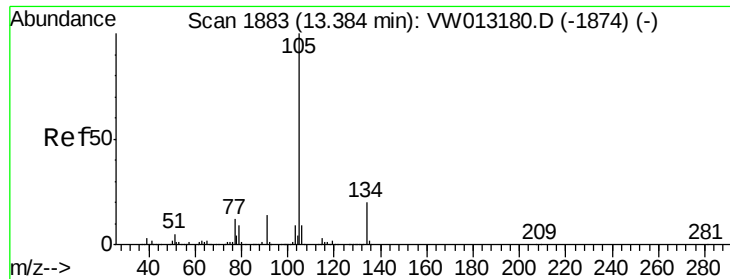
MMDadoda  
9/26/2019 12:37:50 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 20.361 ug/l  
RT: 13.25 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 262436 |       |       |
| 120     | 45.2  |        | 23.4  | 70.3  |





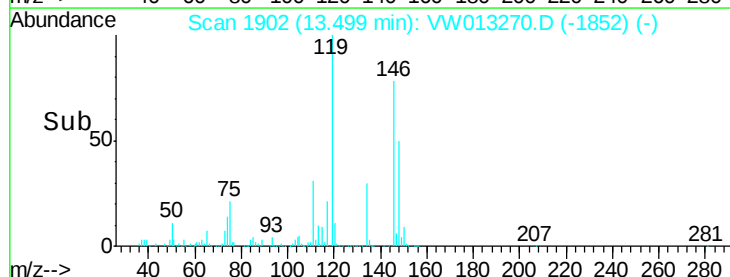
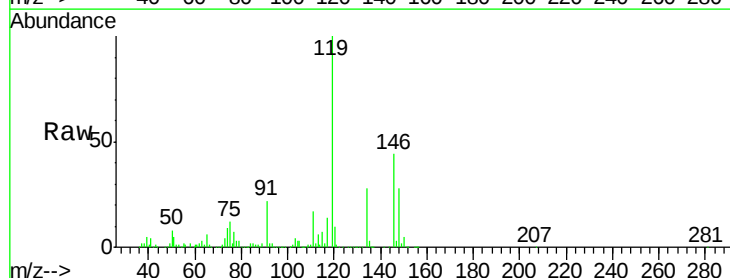
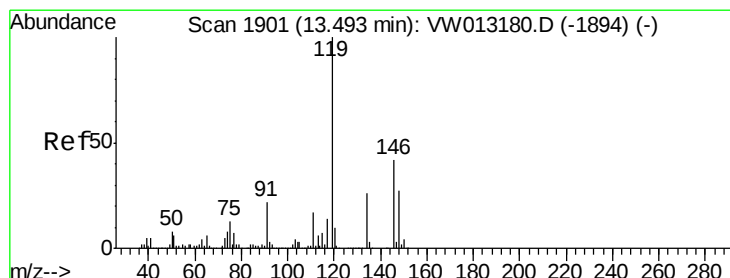
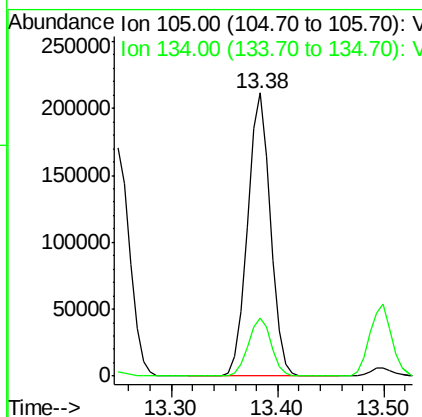
#85  
 sec-Butylbenzene  
 Concen: 20.313 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 318393 |       |       |
| 134     | 20.7  | 10.3   | 30.8  |       |

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0924SBSD01

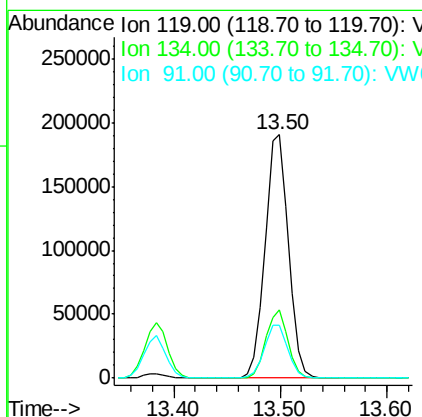
Manual Integrations  
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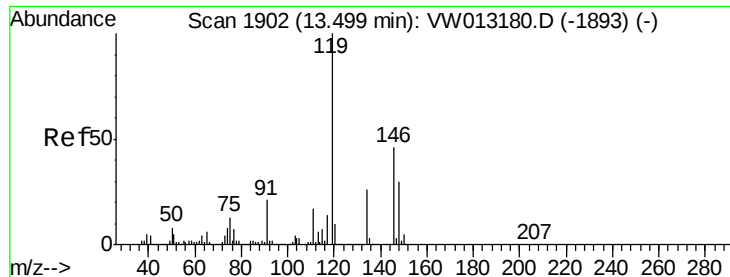
MMDadoda  
 9/26/2019 12:37:50 AM



#86  
 p-Isopropyltoluene  
 Concen: 20.153 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. 0.01 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 292982 |       |       |
| 134     | 26.6  | 13.3   | 39.8  |       |
| 91      | 21.8  | 10.8   | 32.4  |       |





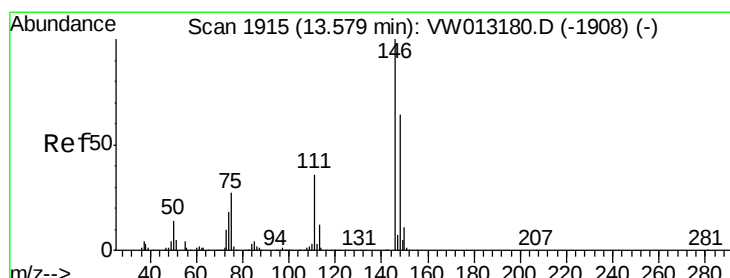
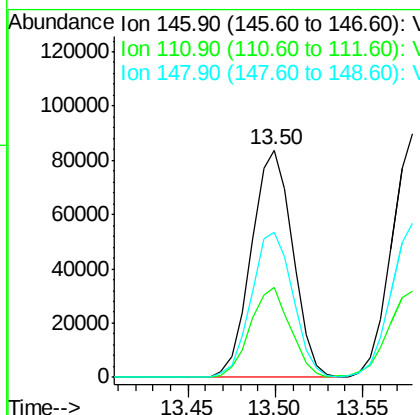
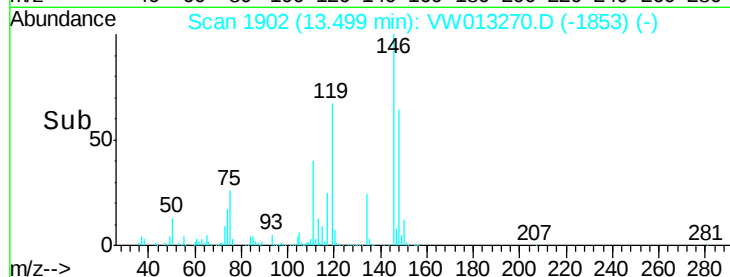
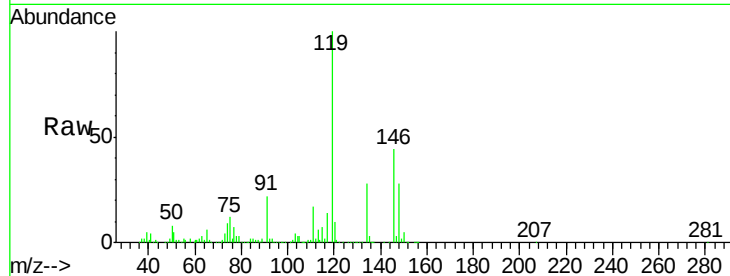
#87  
 1,3-Dichlorobenzene  
 Concen: 19.540 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0924SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.6  | 18.9  | 56.9  |
| 148     | 64.7  | 31.9  | 95.5  |

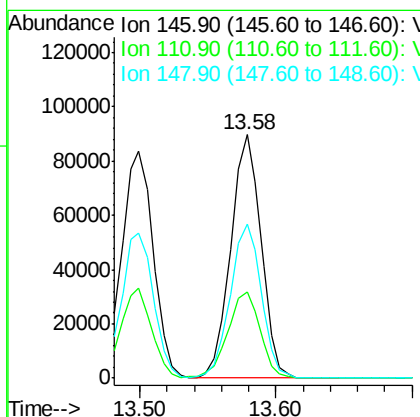
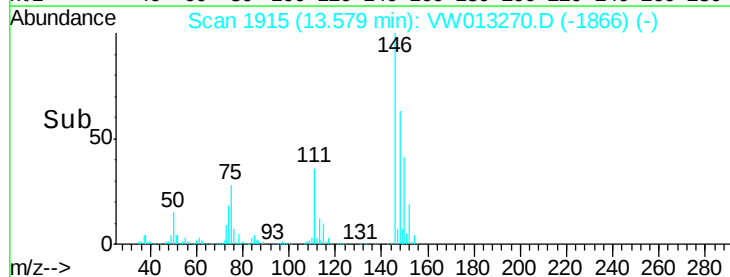
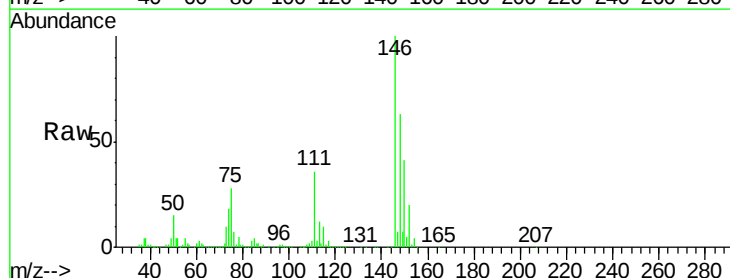
Manual Integrations  
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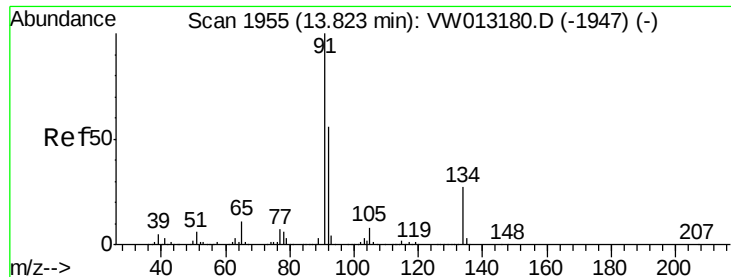
MMDadoda  
 9/26/2019 12:37:50 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 20.211 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.1  | 18.4  | 55.0  |
| 148     | 64.9  | 32.1  | 96.3  |





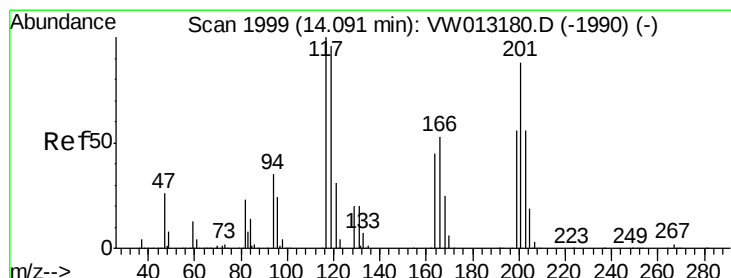
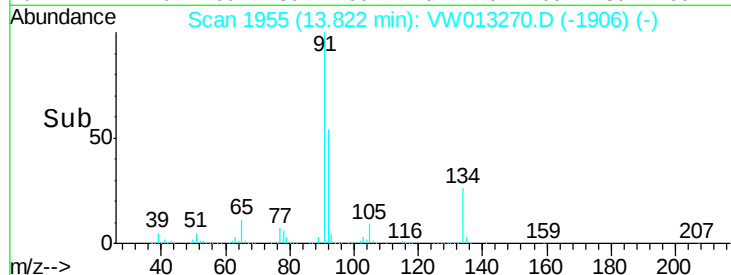
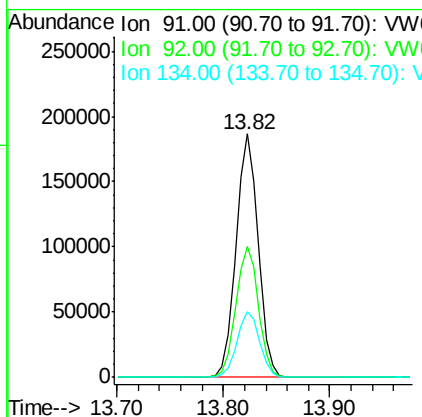
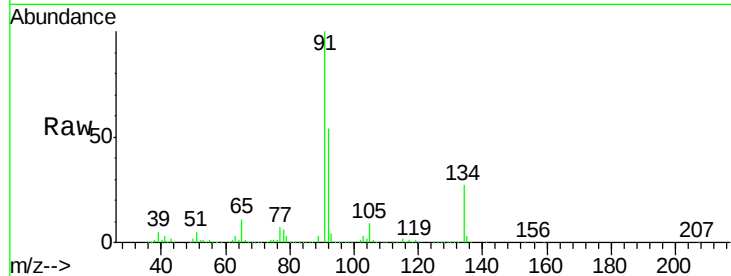
#89  
n-Butylbenzene  
Concen: 20.429 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0924SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 271177 |       |       |
| 92      | 54.8  |        | 27.6  | 82.8  |
| 134     | 27.7  |        | 13.7  | 41.1  |

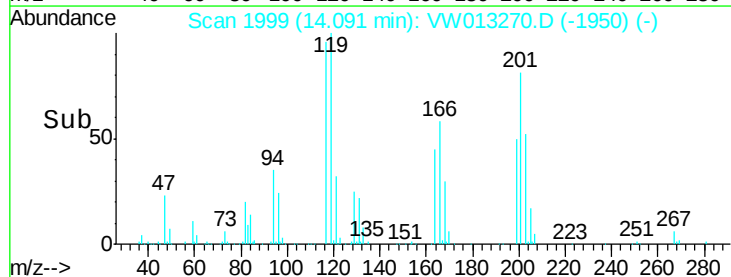
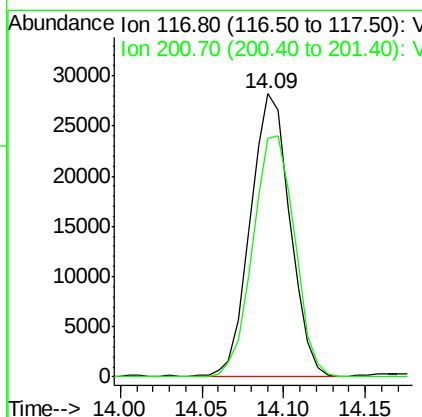
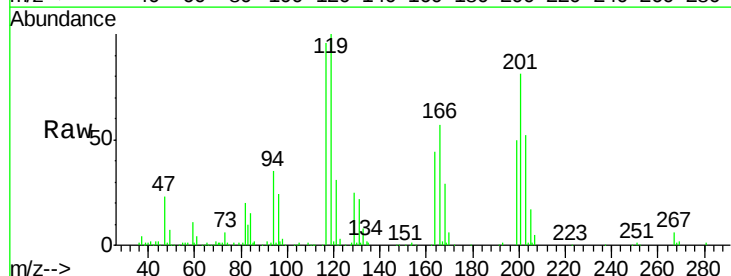
Manual Integrations  
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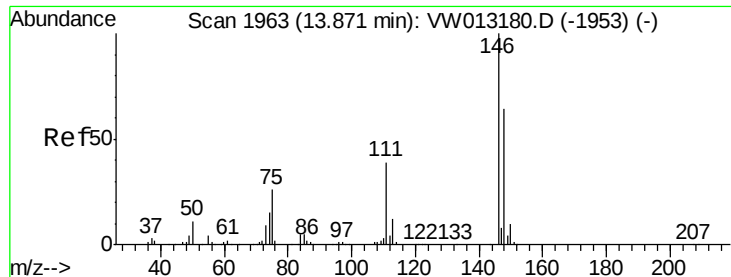
MMDadoda  
9/26/2019 12:37:50 AM



#90  
Hexachloroethane  
Concen: 19.557 ug/l  
RT: 14.09 min Scan# 1999  
Delta R.T. -0.00 min  
Lab File: VW013270.D  
Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 47762 |       |       |
| 201     | 89.5  |       | 44.5  | 133.5 |





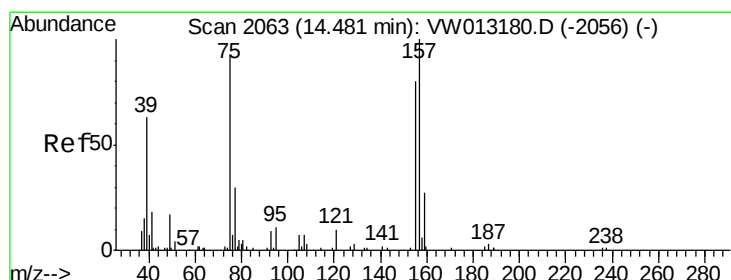
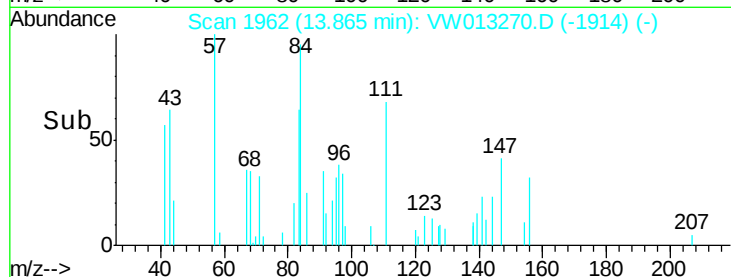
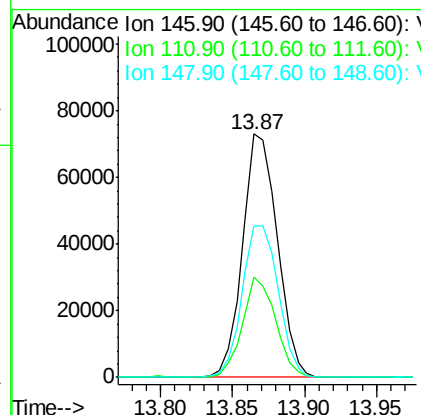
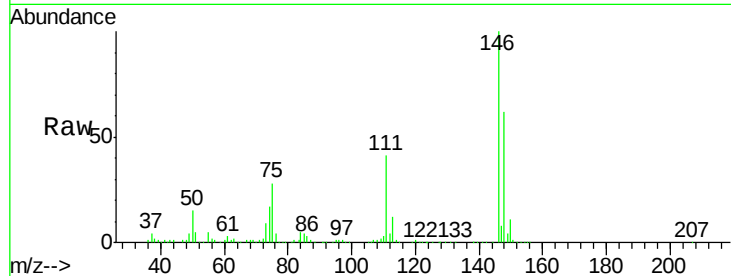
#91  
 1,2-Dichlorobenzene  
 Concen: 20.093 ug/l  
 RT: 13.87 min Scan# 1962  
 Delta R.T. -0.01 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0924SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 122159 |       |       |
| 111     | 39.6  | 20.1   | 60.3  |       |
| 148     | 64.9  | 32.0   | 96.0  |       |

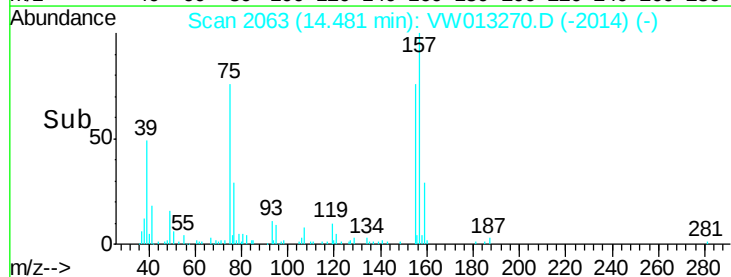
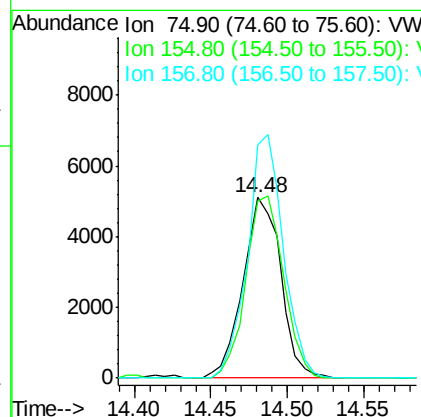
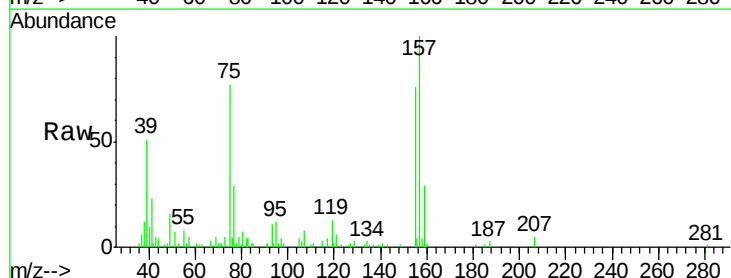
Manual Integrations  
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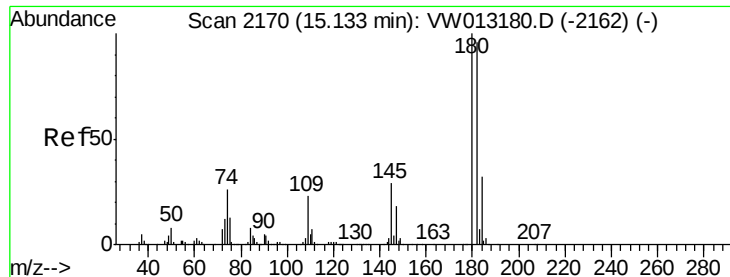
MMDadoda  
 9/26/2019 12:37:50 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 22.351 ug/l  
 RT: 14.48 min Scan# 2063  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   | 8810 |       |       |
| 155     | 100.3 | 46.1 | 138.3 |       |
| 157     | 127.4 | 60.4 | 181.2 |       |





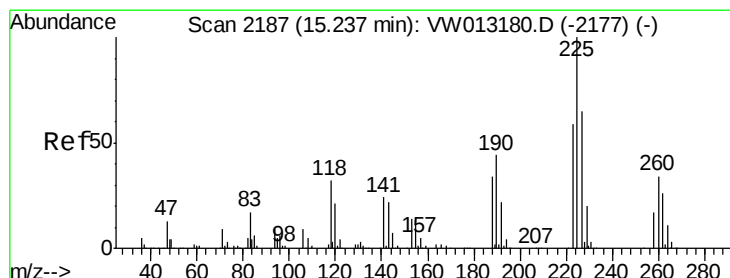
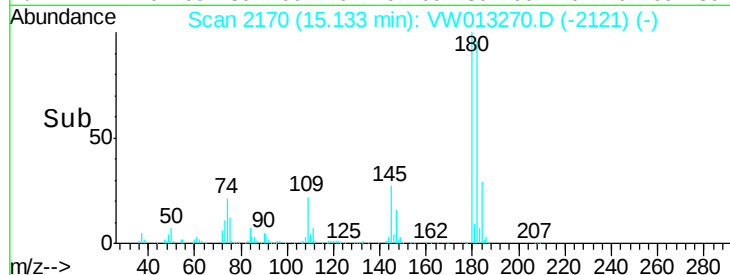
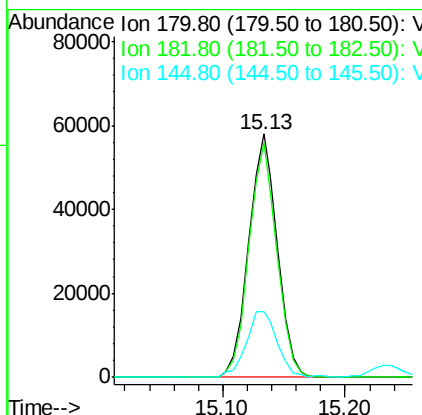
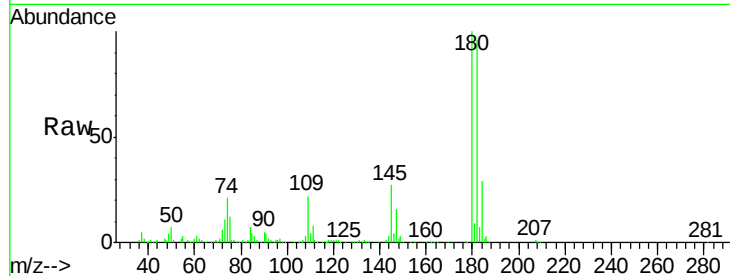
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.637 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0924SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 93.7  | 47.3 | 142.0 |       |
| 145     | 29.9  | 14.2 | 42.8  |       |

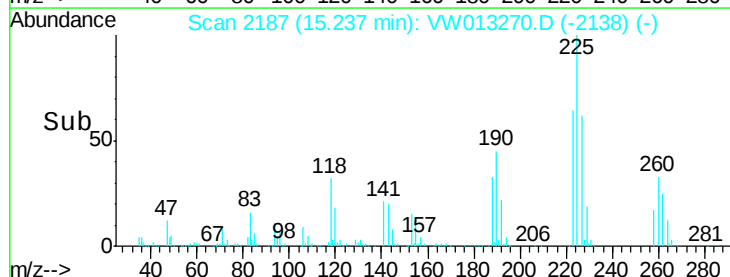
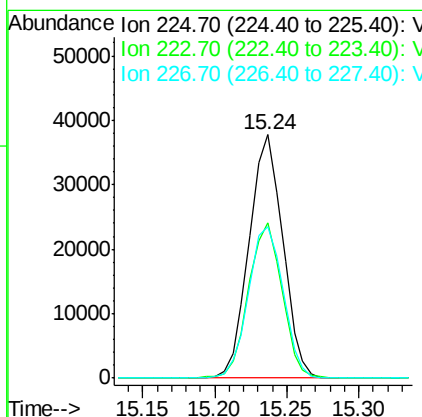
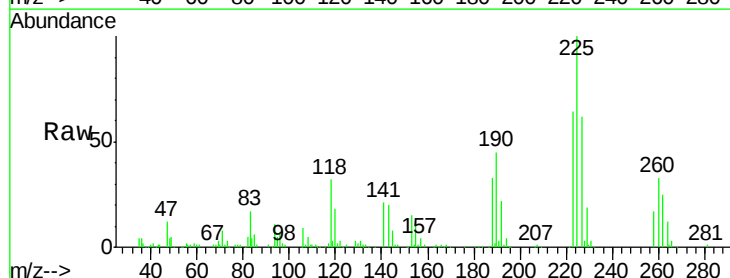
Manual Integrations  
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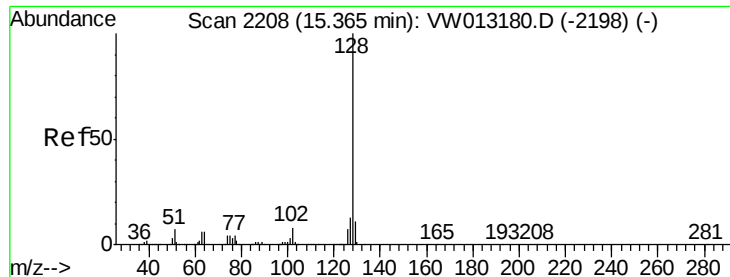
MMDadoda  
 9/26/2019 12:37:50 AM



#94  
 Hexachlorobutadiene  
 Concen: 20.553 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: VW013270.D  
 Acq: 24 Sep 2019 12:36

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.0  | 30.6 | 91.8  |       |
| 227     | 64.2  | 31.9 | 95.9  |       |





#95

Naphthalene

Concen: 24.335 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA\_W

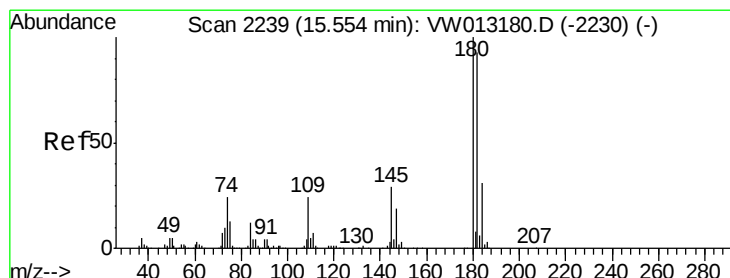
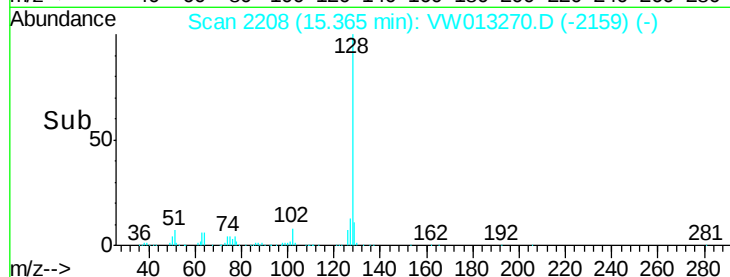
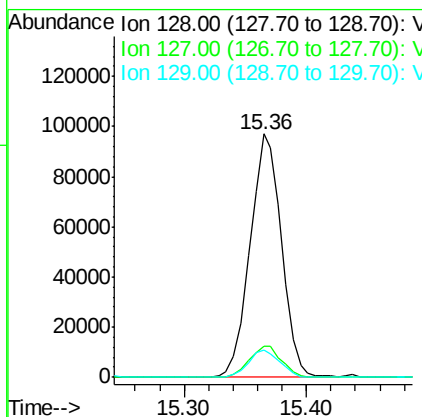
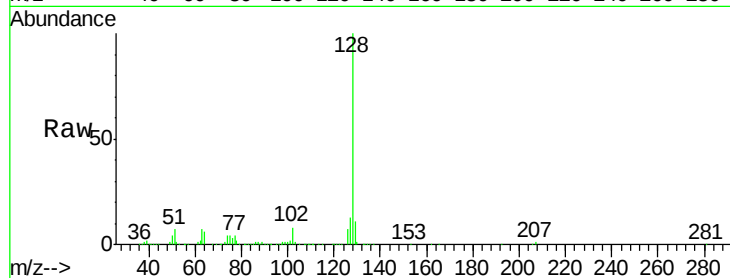
ClientSampleId :

VW0924SBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 173393 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.5  | 10.6  | 15.8   |
| 129       | 11.4  | 8.7   | 13.1   |

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#96

1,2,3-Trichlorobenzene

Concen: 21.843 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 82227 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.5  | 47.9  | 143.7 |
| 145       | 31.7  | 15.0  | 45.0  |

