

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\  
 Data File : VW015670.D  
 Acq On : 23 Jun 2020 18:57  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 6/24/2020 10:58:25 AM

Quant Time: Jun 24 04:04:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W062320S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 23 13:20:19 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 196282   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 310455   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 298836   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 153081   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 118851   | 54.42 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.84% |      |
| 35) Dibromofluoromethane  | 7.89   | 113 | 101935   | 52.20 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.40% |      |
| 50) Toluene-d8            | 10.32  | 98  | 402310   | 52.35 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.70% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 154115   | 54.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.90% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 64010   | 54.693  | ug/l | 97     |
| 3) Chloromethane              | 2.21 | 50  | 67426   | 49.062  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.37 | 62  | 109779  | 49.411  | ug/l | 99     |
| 5) Bromomethane               | 2.78 | 94  | 82192   | 50.333  | ug/l | 97     |
| 6) Chloroethane               | 2.93 | 64  | 73088   | 49.988  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 78726   | 47.192  | ug/l | 97     |
| 8) Diethyl Ether              | 3.68 | 74  | 53929   | 55.976  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 94843   | 48.233  | ug/l | 99     |
| 10) Methyl Iodide             | 4.27 | 142 | 138603  | 49.850  | ug/l | 100    |
| 11) Tert butyl alcohol        | 5.18 | 59  | 37731   | 320.986 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 92843   | 48.490  | ug/l | 99     |
| 13) Acrolein                  | 3.90 | 56  | 42380   | 279.349 | ug/l | 99     |
| 14) Allyl chloride            | 4.67 | 41  | 153379  | 49.376  | ug/l | 99     |
| 15) Acrylonitrile             | 5.37 | 53  | 116056  | 291.966 | ug/l | 99     |
| 16) Acetone                   | 4.12 | 43  | 114845  | 276.623 | ug/l | 100    |
| 17) Carbon Disulfide          | 4.38 | 76  | 271140  | 49.203  | ug/l | 100    |
| 18) Methyl Acetate            | 4.68 | 43  | 51075   | 60.426  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 156905  | 54.452  | ug/l | 96     |
| 20) Methylene Chloride        | 4.92 | 84  | 136081  | 69.005  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 108376  | 49.370  | ug/l | 99     |
| 22) Diisopropyl ether         | 6.32 | 45  | 322359  | 52.177  | ug/l | 98     |
| 23) Vinyl Acetate             | 6.26 | 43  | 1034361 | 287.095 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 193562  | 49.772  | ug/l | 100    |
| 25) 2-Butanone                | 7.18 | 43  | 162499  | 289.602 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 116764  | 44.765  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 120754  | 51.135  | ug/l | 98     |
| 28) Bromochloromethane        | 7.52 | 49  | 75807   | 50.675  | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.54 | 42  | 101524  | 307.898 | ug/l | 100    |
| 30) Chloroform                | 7.68 | 83  | 200083  | 50.165  | ug/l | 99     |
| 31) Cyclohexane               | 7.96 | 56  | 173533  | 46.129  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 7.88 | 97  | 166879  | 49.085  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 158701  | 49.148  | ug/l | 100    |
| 37) Ethyl Acetate             | 7.26 | 43  | 72666   | 58.938  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 154739  | 49.436  | ug/l | 97     |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 6/24/2020 10:58:25 AM

Quant Time: Jun 24 04:04:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W062320S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 23 13:20:19 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 193525   | 49.481   | ug/l   | 98       |
| 40) Benzene                    | 8.32  | 78   | 443429   | 50.504   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 42163    | 59.586   | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 145026   | 53.393   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 145560   | 59.161   | ug/l   | 98       |
| 44) Trichloroethene            | 9.09  | 130  | 117177   | 49.514   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 109822   | 51.173   | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 60443    | 54.434   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 152718   | 52.727   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 68181    | 60.613   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 18218    | 1250.686 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 365603   | 308.129  | ug/l   | 100      |
| 52) Toluene                    | 10.39 | 92   | 289930   | 51.140   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 155103   | 55.432   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 176769   | 52.883   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 84869    | 54.972   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 116136   | 60.458   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 149848   | 54.749   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 273566   | 300.942  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.97 | 43   | 255817   | 316.692  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 102064   | 56.731   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 83955    | 56.891   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 100618   | 47.927   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.66 | 112  | 306444   | 48.637   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 111614   | 50.523   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 573829   | 48.937   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 433871   | 98.539   | ug/l   | 100      |
| 69) o-Xylene                   | 12.17 | 106  | 203007   | 50.145   | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 357733   | 51.719   | ug/l   | 100      |
| 71) Bromoform                  | 12.35 | 173  | 58282    | 57.338   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.47 | 105  | 565327   | 48.411   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 142030   | 57.374   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 102518   | 54.876   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 74898m   | 53.639   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 131606   | 50.542   | ug/l   | 100      |
| 78) n-propylbenzene            | 12.80 | 91   | 680480   | 48.411   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 387949   | 49.018   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 489154   | 49.435   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 30851    | 55.678   | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 409446   | 48.901   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 411071   | 49.168   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 490335   | 49.690   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.38 | 105  | 585244   | 48.981   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 533116   | 49.108   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 253919   | 49.123   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 252108   | 49.245   | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.82 | 91   | 509536   | 48.893   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 95432    | 49.397   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 230932   | 51.670   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 17648    | 58.994   | ug/l   | 99       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062320\  
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Operator : SY/VA  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

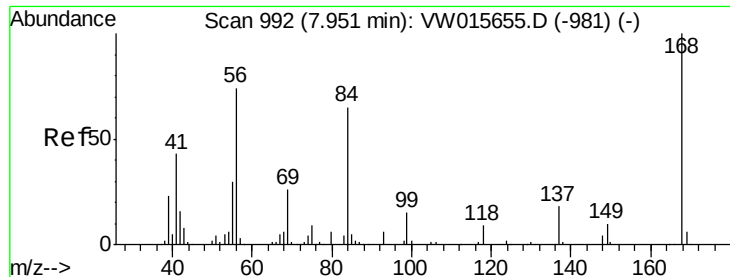
MMDadoda  
6/24/2020 10:58:25 AM

Quant Time: Jun 24 04:04:32 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W062320S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 23 13:20:19 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 154624   | 52.390 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 86344    | 45.922 | ug/l  | 95       |
| 95) Naphthalene            | 15.37 | 128  | 289990   | 59.406 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 134624   | 52.979 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 196282

Ion Ratio Lower Upper

168 100

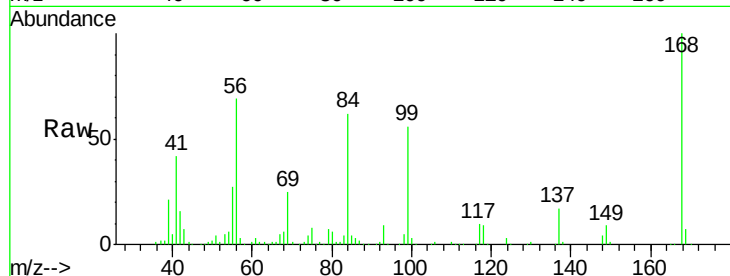
99 56.3 48.6 73.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

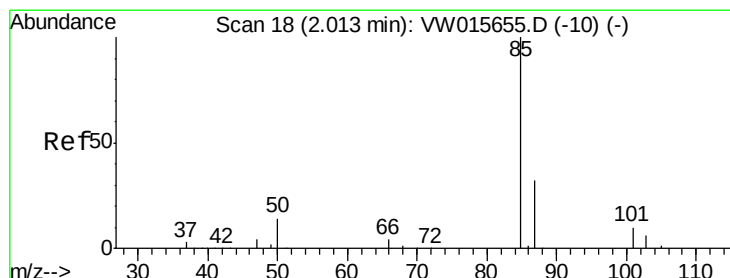
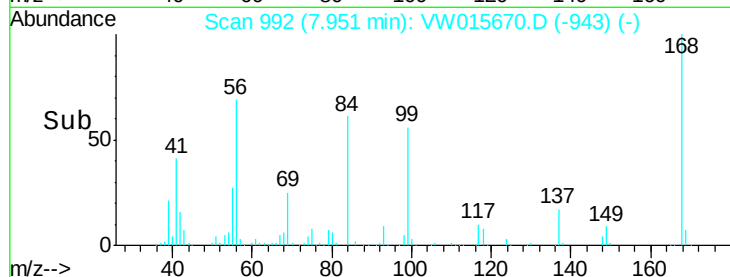
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.693 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015670.D

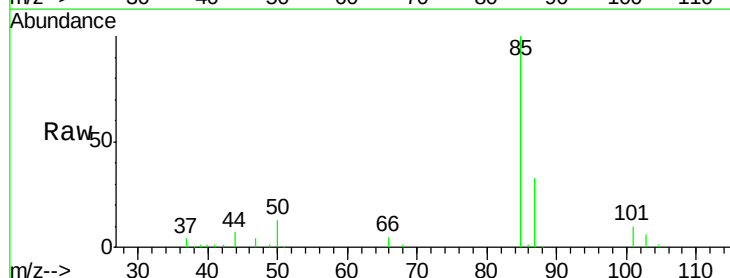
Acq: 23 Jun 2020 18:57

Tgt Ion: 85 Resp: 64010

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

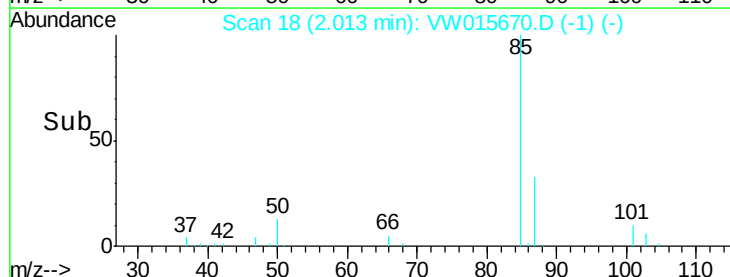
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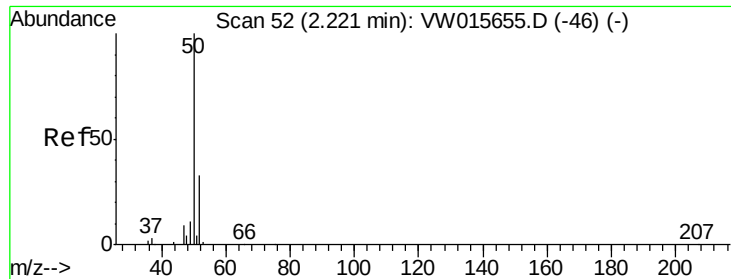
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5000

0

Time-->





#3

Chloromethane

Concen: 49.062 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 67426

Ion Ratio Lower Upper

50 100

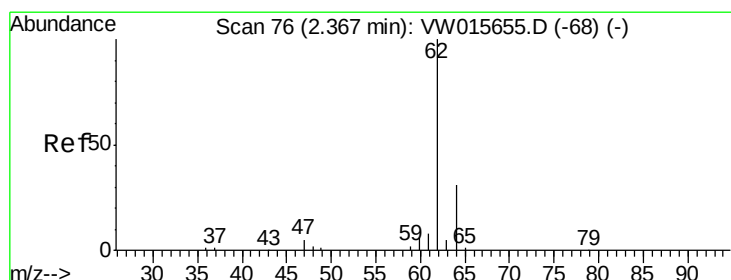
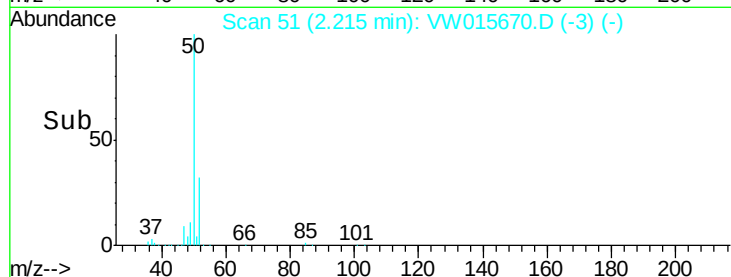
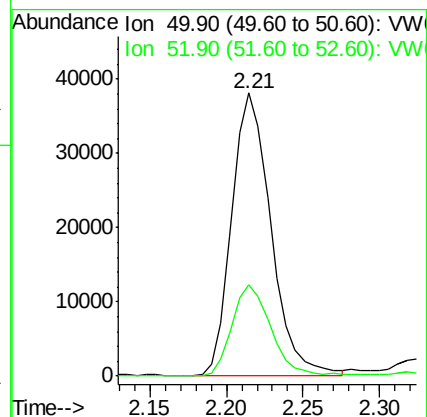
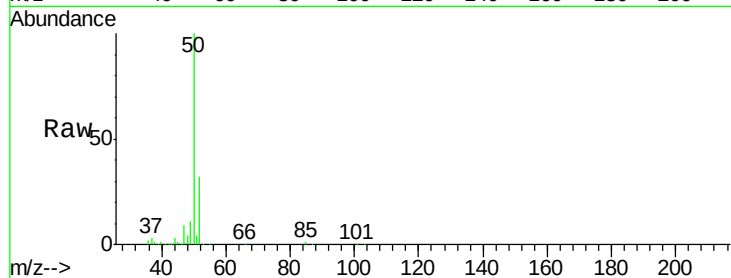
52 32.6 26.0 39.0

Manual Integrations

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6/24/2020 10:58:25 AM



#4

Vinyl Chloride

Concen: 49.411 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015670.D

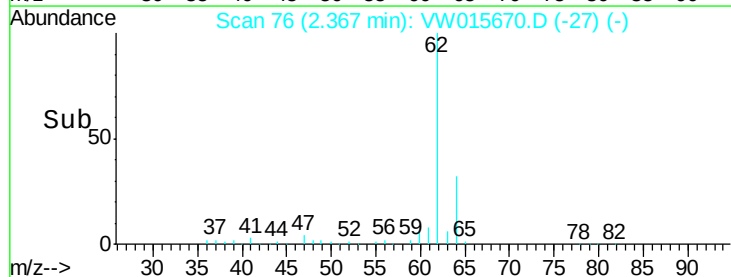
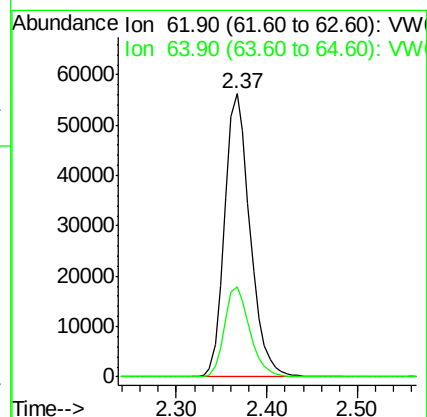
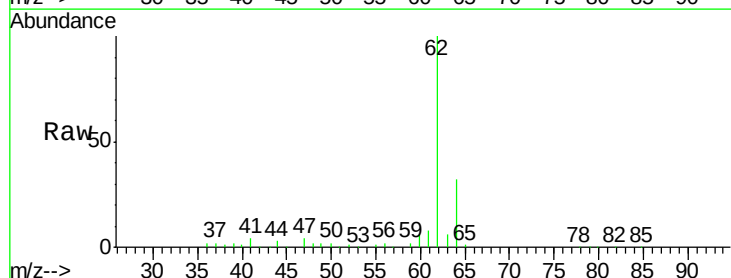
Acq: 23 Jun 2020 18:57

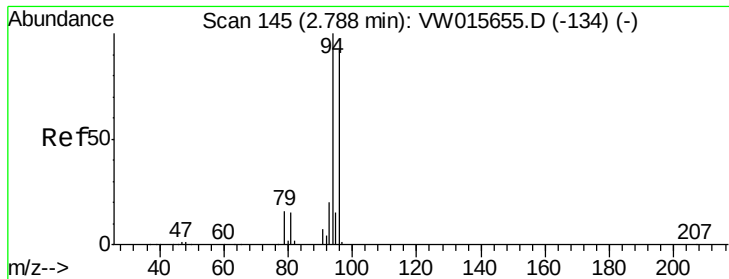
Tgt Ion: 62 Resp: 109779

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 50.333 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 82192

Ion Ratio Lower Upper

94 100

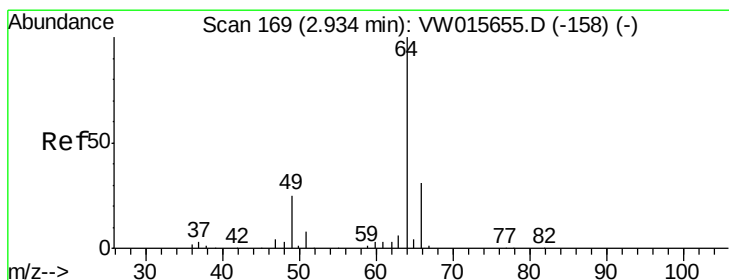
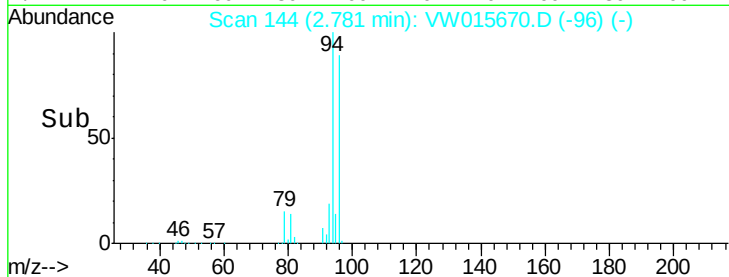
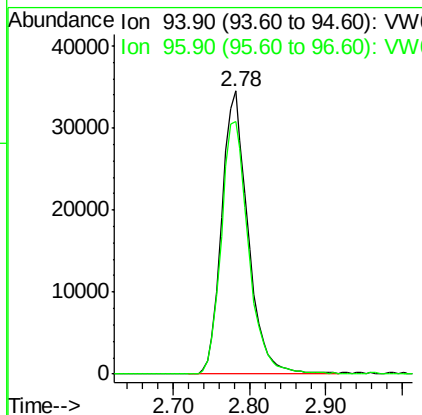
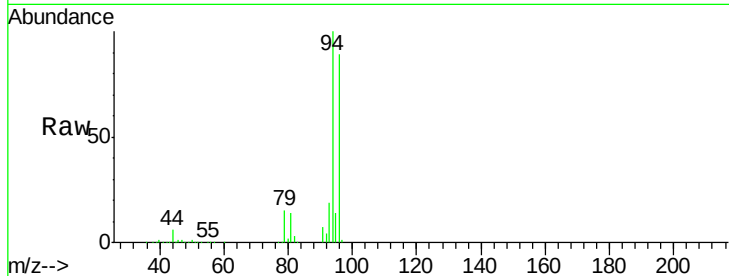
96 89.3 73.8 110.6

Manual Integrations

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6/24/2020 10:58:25 AM



#6

Chloroethane

Concen: 49.988 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015670.D

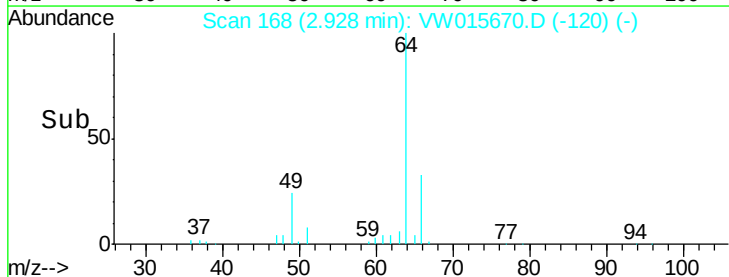
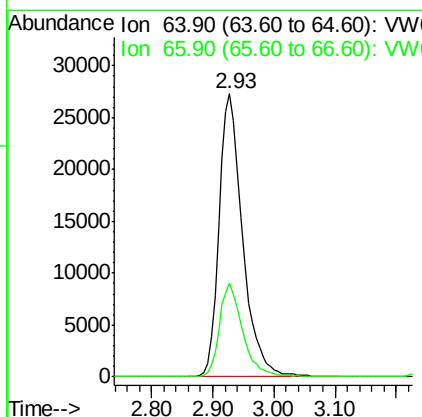
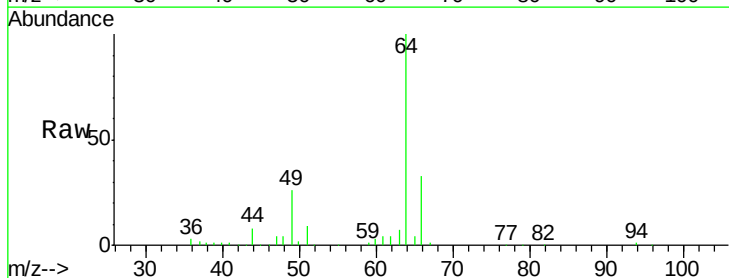
Acq: 23 Jun 2020 18:57

Tgt Ion: 64 Resp: 73088

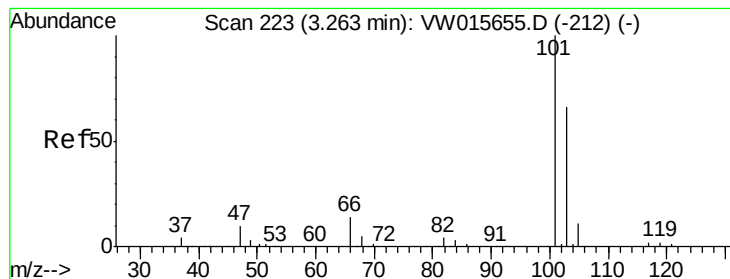
Ion Ratio Lower Upper

64 100

66 33.3 25.3 37.9







#7

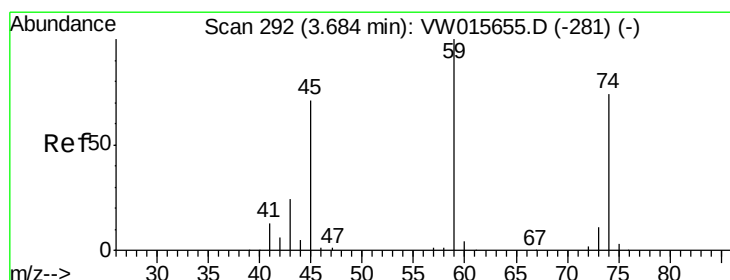
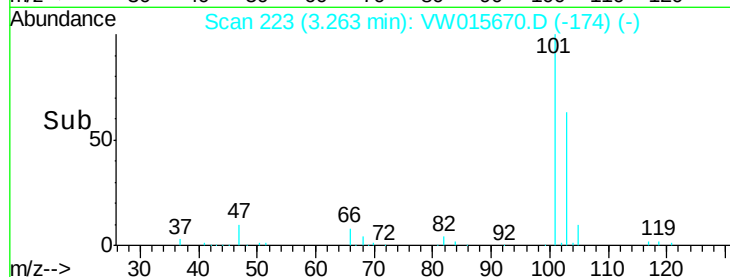
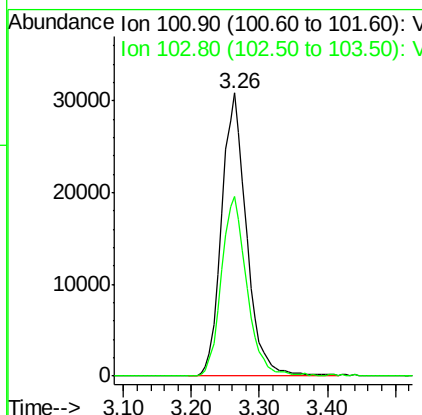
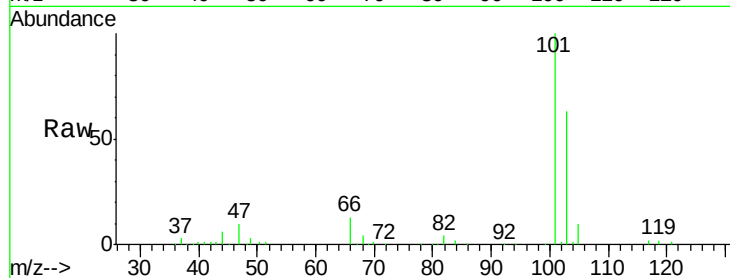
Trichlorofluoromethane  
 Concen: 47.192 ug/l  
 RT: 3.26 min Scan# 223  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion   | 101  | Resp  | 78726 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 101       | 100  |       |       |
| 103       | 63.3 | 52.6  | 78.8  |

Manual Integrations  
 APPROVED

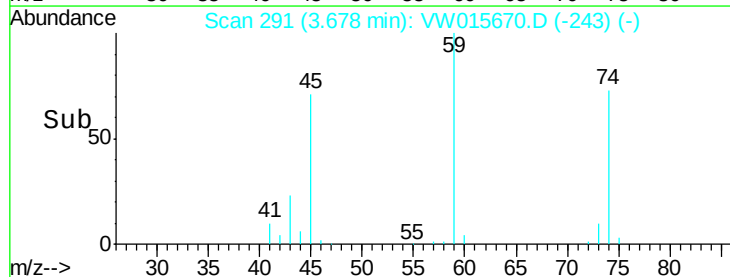
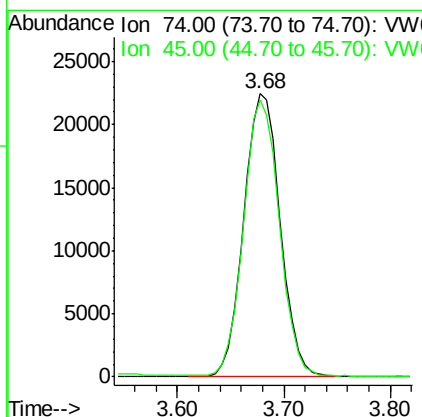
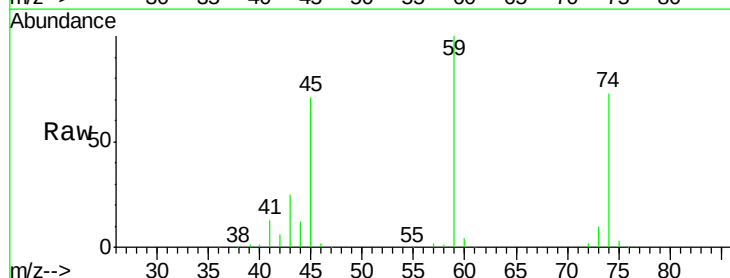
MMDadoda  
 6/24/2020 10:58:25 AM



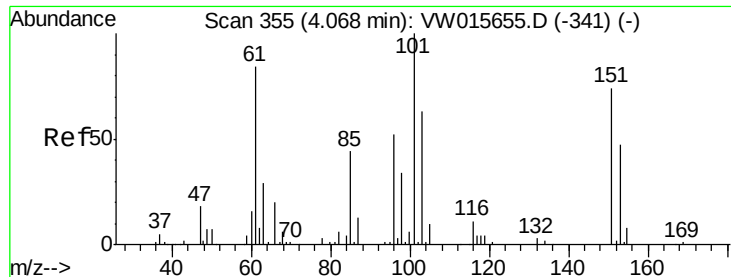
#8

Diethyl Ether  
 Concen: 55.976 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. -0.01 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

| Tgt Ion   | 74   | Resp  | 53929 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 74        | 100  |       |       |
| 45        | 96.9 | 48.2  | 144.6 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.233 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

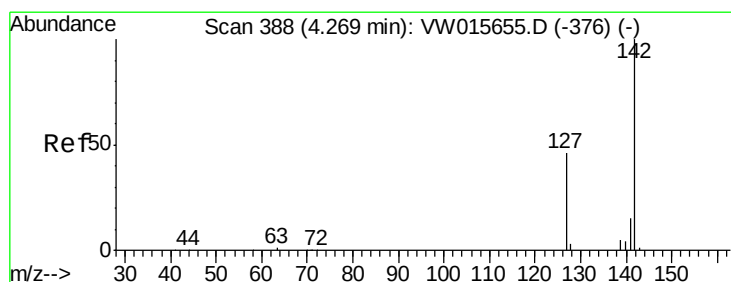
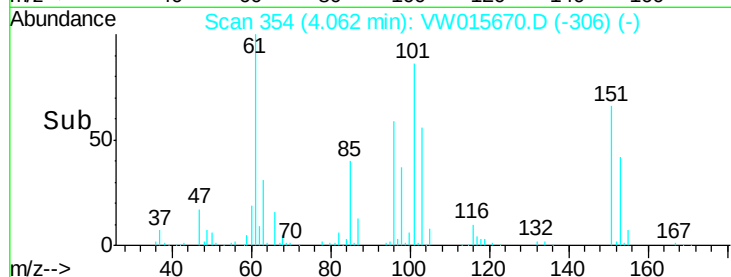
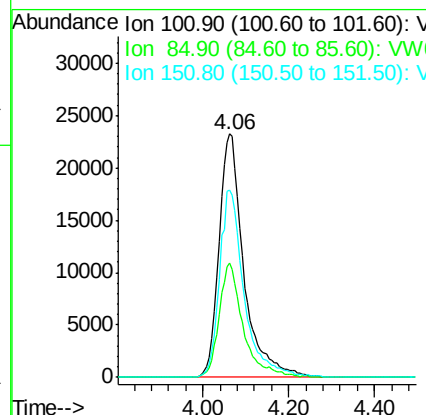
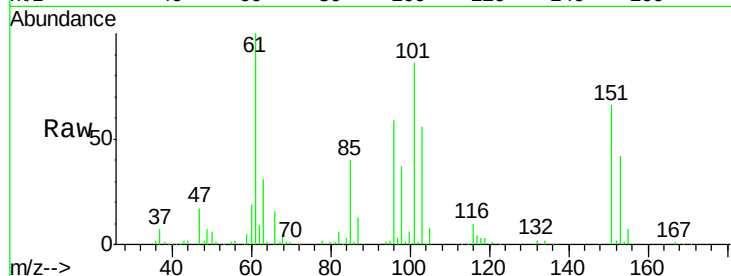
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 94843 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.6  | 36.6  | 55.0  |
| 151       | 76.4  | 60.4  | 90.6  |

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#10

Methyl Iodide

Concen: 49.850 ug/l

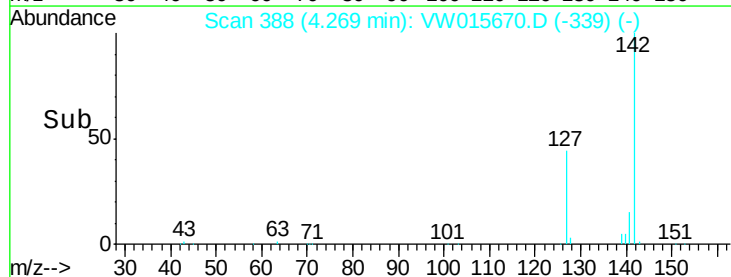
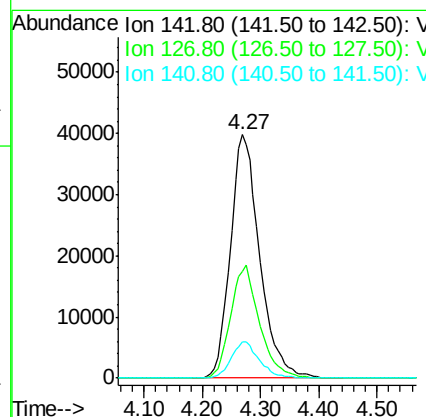
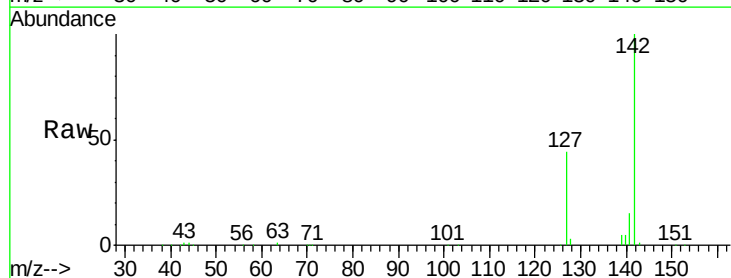
RT: 4.27 min Scan# 388

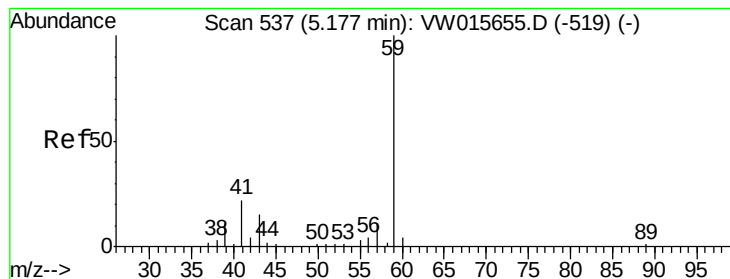
Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 138603 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 45.7  | 36.4  | 54.6   |
| 141       | 14.5  | 11.6  | 17.4   |





#11

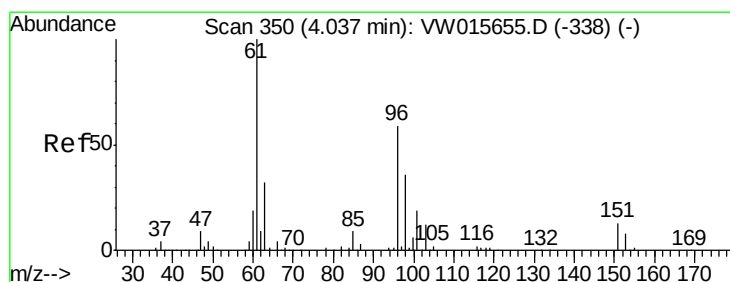
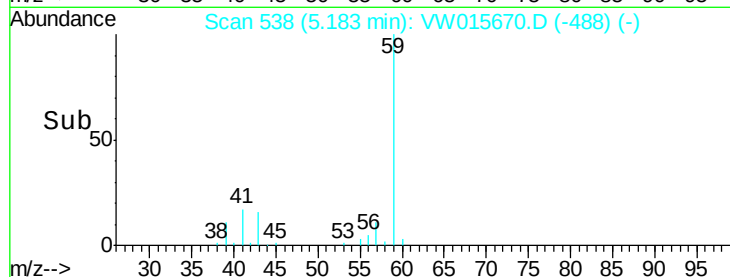
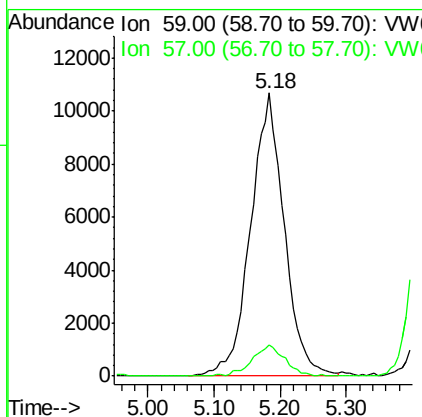
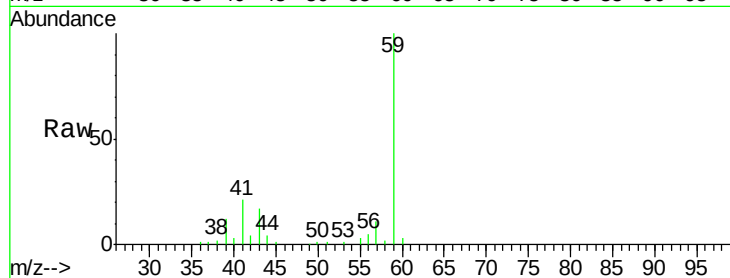
Tert butyl alcohol  
 Concen: 320.986 ug/l  
 RT: 5.18 min Scan# 538  
 Delta R.T. 0.01 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.7  | 8.4   | 12.6  |

Manual Integrations  
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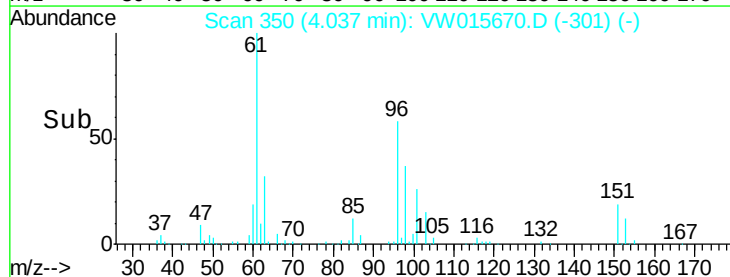
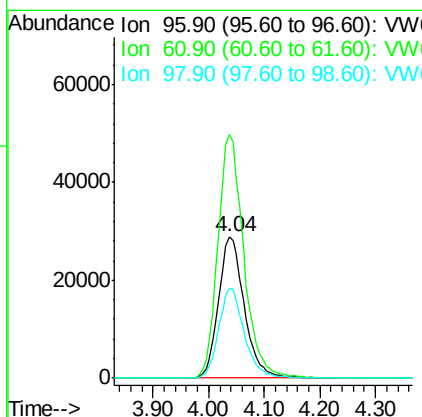
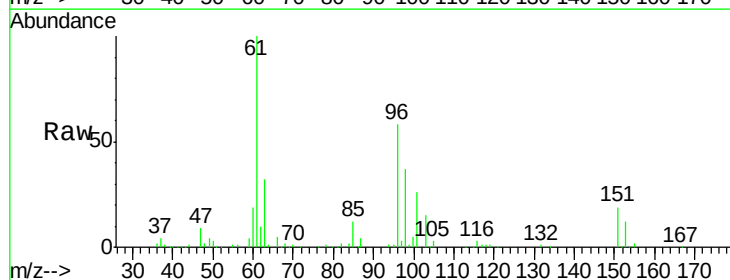
MMDadoda  
 6/24/2020 10:58:25 AM

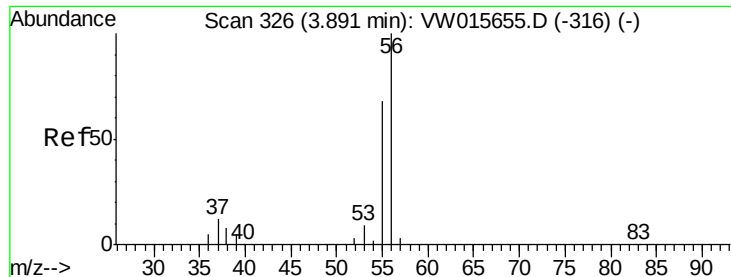


#12

1,1-Dichloroethene  
 Concen: 48.490 ug/l  
 RT: 4.04 min Scan# 350  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 171.8 | 136.7 | 205.1 |
| 98      | 63.5  | 49.2  | 73.8  |





#13

Acrolein

Concen: 279.349 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 42380

Ion Ratio Lower Upper

56 100

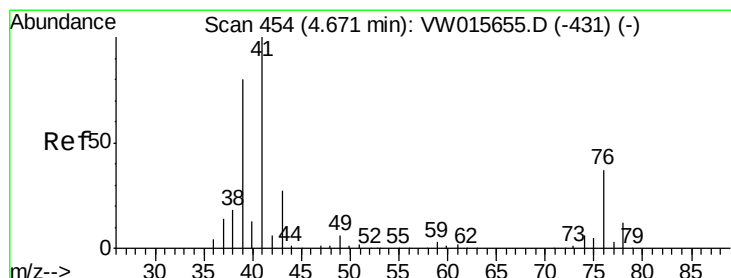
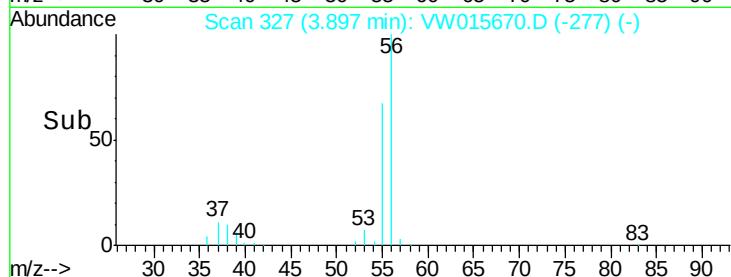
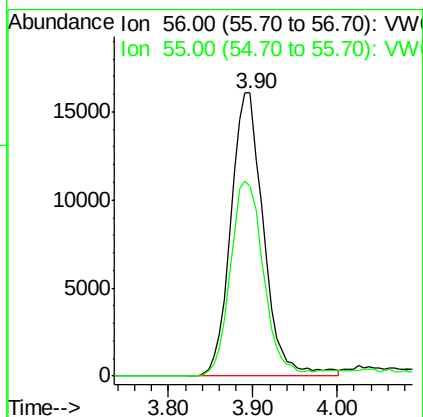
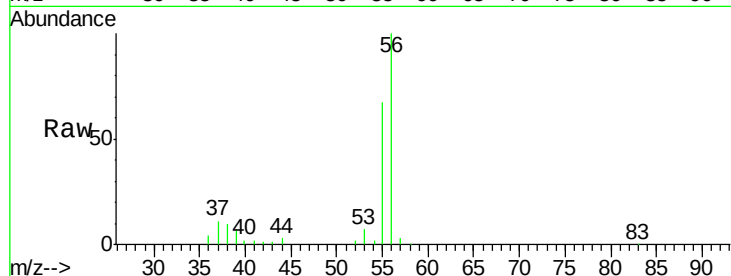
55 69.8 56.2 84.2

Manual Integrations

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6/24/2020 10:58:25 AM



#14

Allyl chloride

Concen: 49.376 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

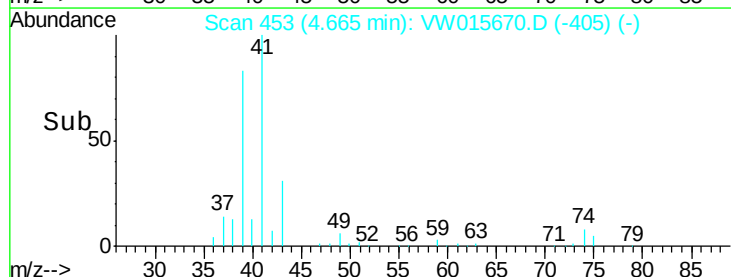
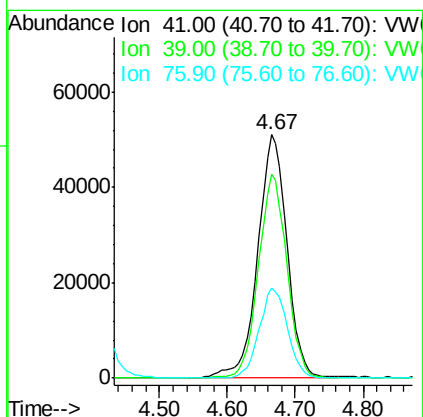
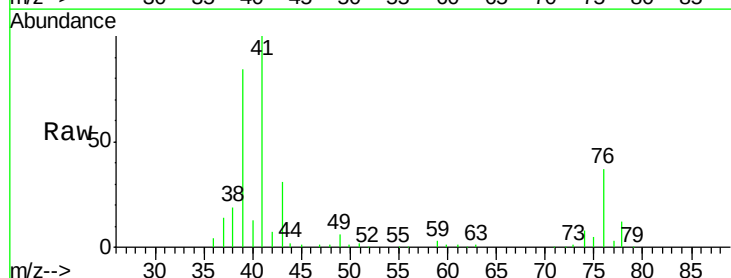
Tgt Ion: 41 Resp: 153379

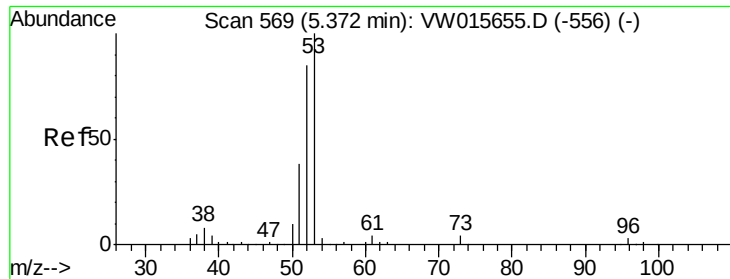
Ion Ratio Lower Upper

41 100

39 81.7 64.6 97.0

76 35.9 29.1 43.7





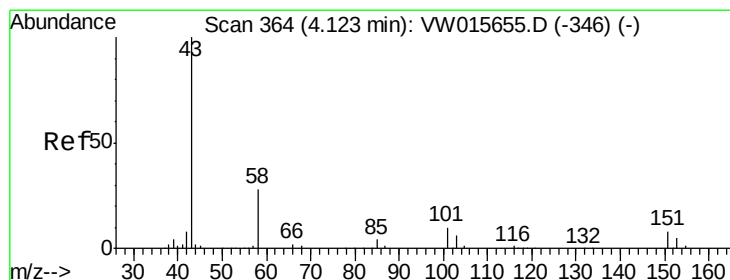
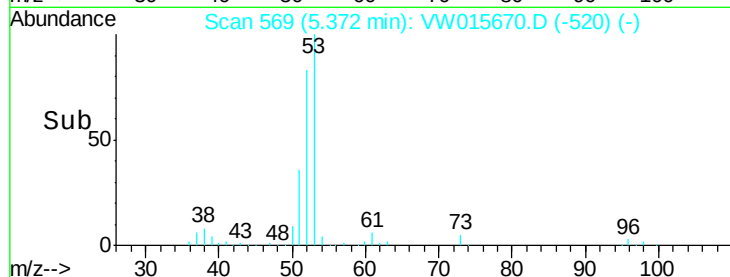
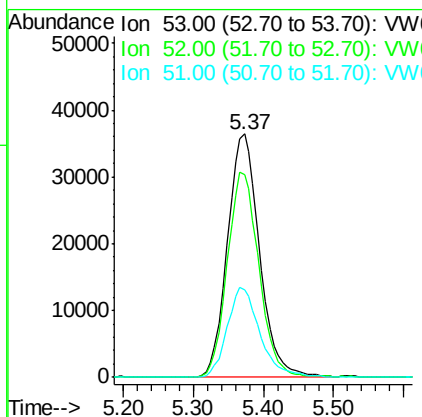
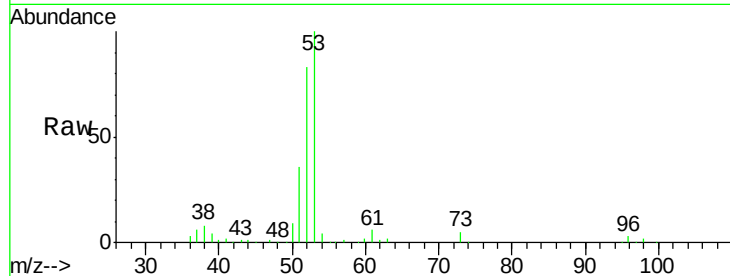
#15  
 Acrylonitrile  
 Concen: 291.966 ug/l  
 RT: 5.37 min Scan# 569  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 116056 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 83.4 | 65.8  | 98.6   |
| 51        | 37.8 | 30.7  | 46.1   |

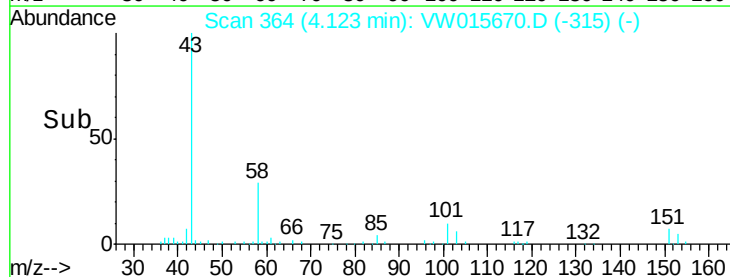
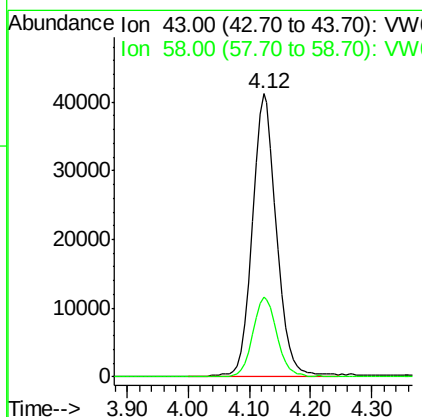
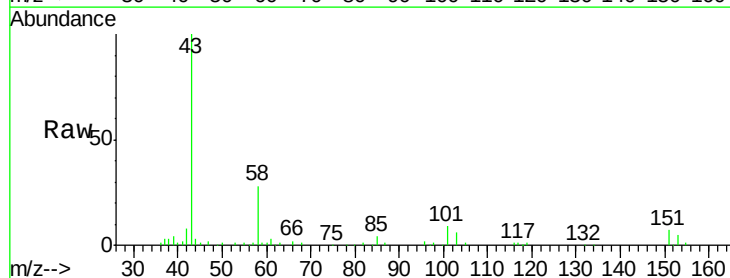
Manual Integrations  
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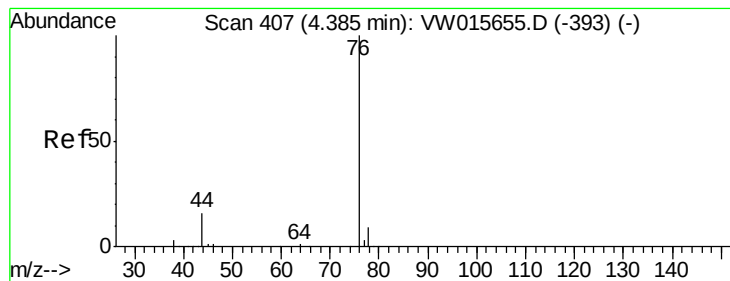
MMDadoda  
 6/24/2020 10:58:25 AM



#16  
 Acetone  
 Concen: 276.623 ug/l  
 RT: 4.12 min Scan# 364  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 114845 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 28.4 | 22.6  | 33.8   |





#17

Carbon Disulfide

Concen: 49.203 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 271140

Ion Ratio Lower Upper

76 100

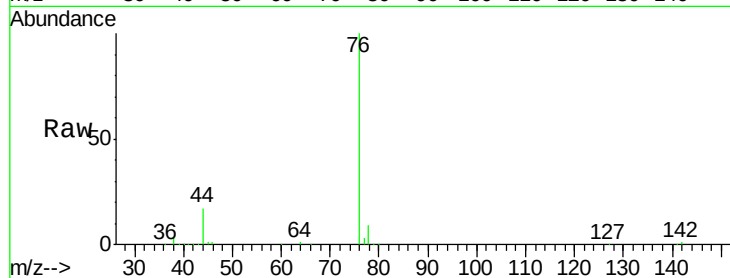
78 9.1 7.2 10.8

Manual Integrations

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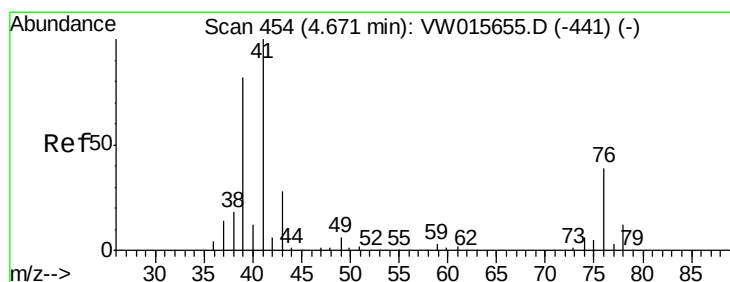
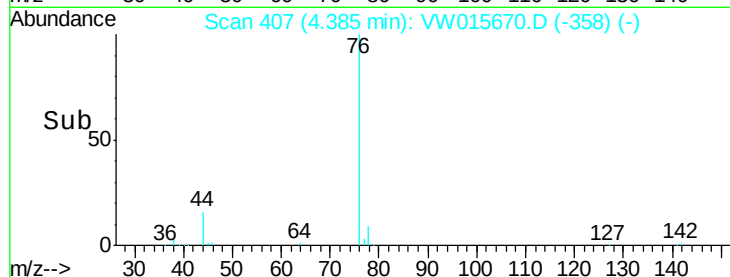
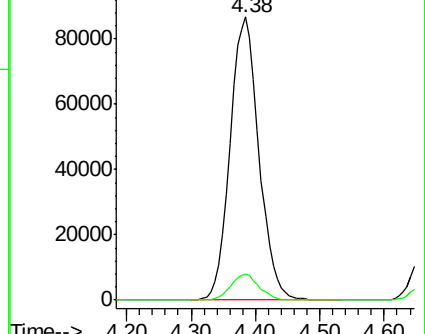
MMDadoda

6/24/2020 10:58:25 AM



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 60.426 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW015670.D

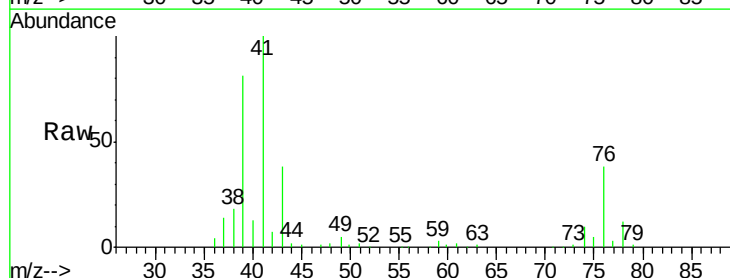
Acq: 23 Jun 2020 18:57

Tgt Ion: 43 Resp: 51075

Ion Ratio Lower Upper

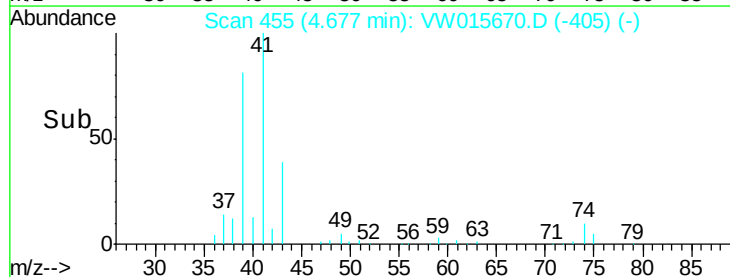
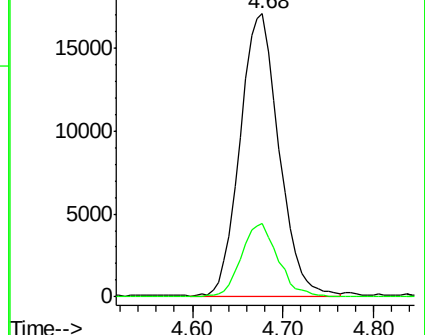
43 100

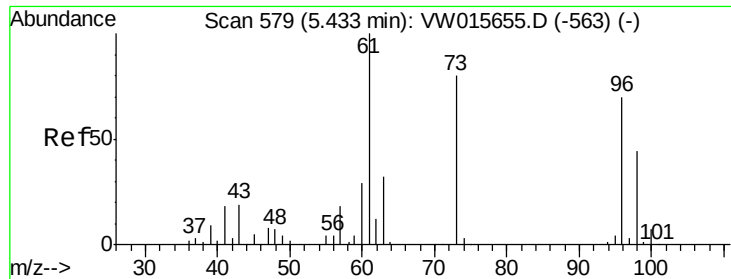
74 24.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





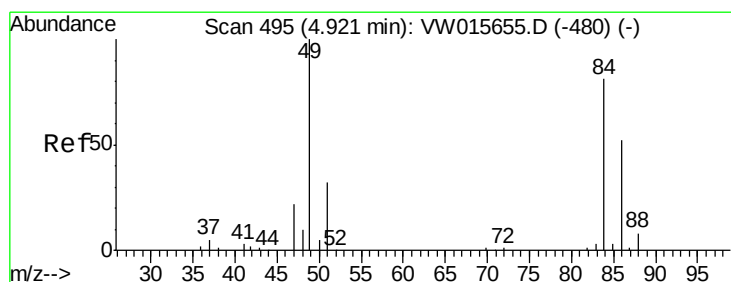
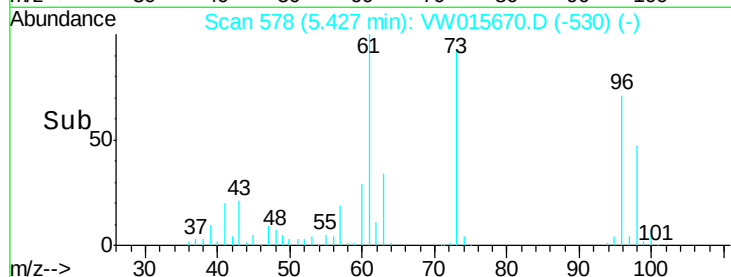
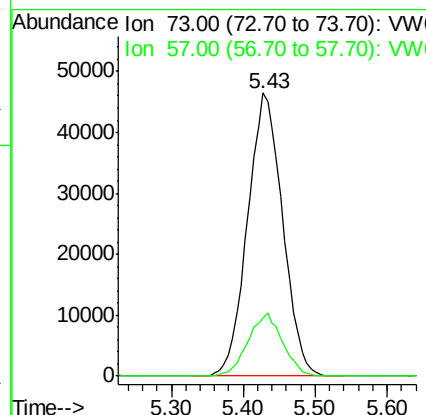
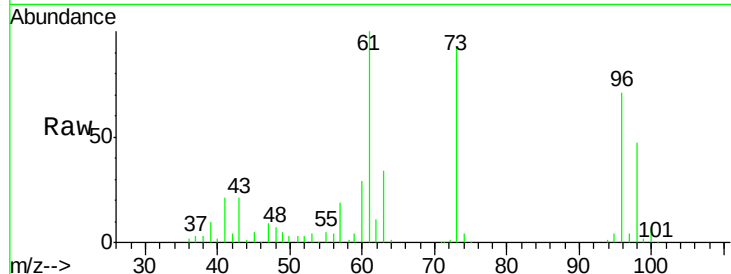
#19  
Methyl tert-butyl Ether  
Concen: 54.452 ug/l  
RT: 5.43 min Scan# 578  
Delta R.T. -0.01 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 156905  
Ion Ratio Lower Upper  
73 100  
57 20.5 18.1 27.1

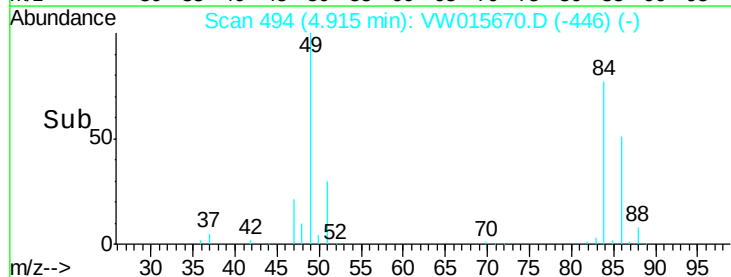
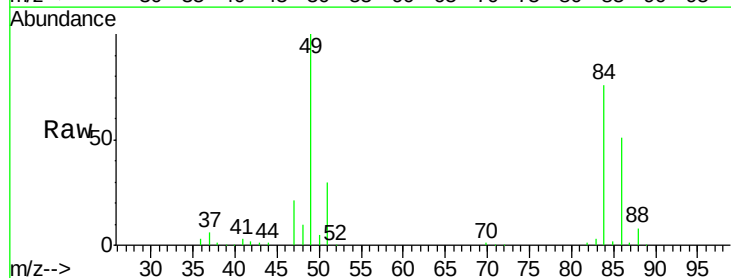
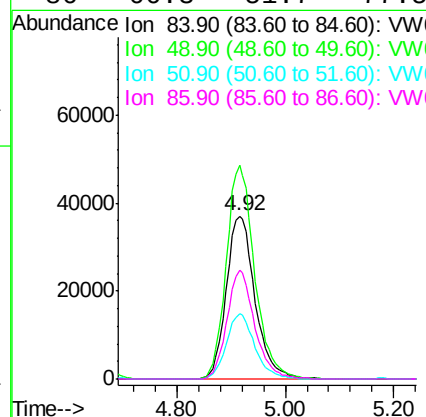
Manual Integrations  
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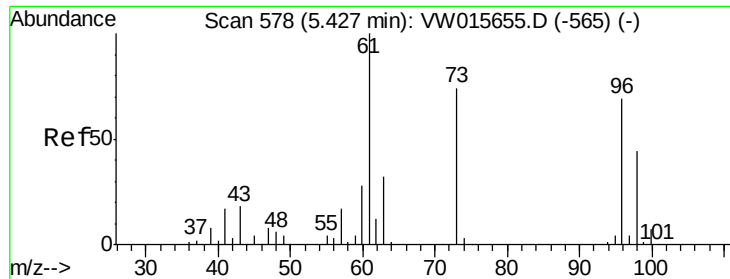
MMDadoda  
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#20  
Methylene Chloride  
Concen: 69.005 ug/l  
RT: 4.92 min Scan# 494  
Delta R.T. -0.01 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Tgt Ion: 84 Resp: 136081  
Ion Ratio Lower Upper  
84 100  
49 130.9 99.3 148.9  
51 39.7 31.8 47.6  
86 66.3 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 49.370 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 108376

Ion Ratio Lower Upper

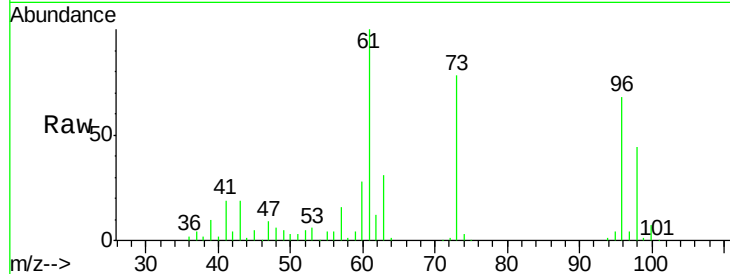
96 100

61 147.0 116.2 174.2

98 64.0 51.4 77.0

Manual Integrations  
APPROVED

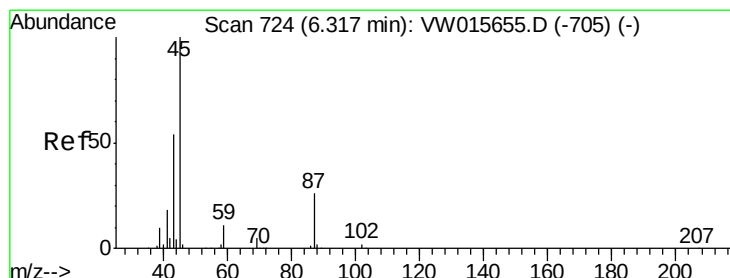
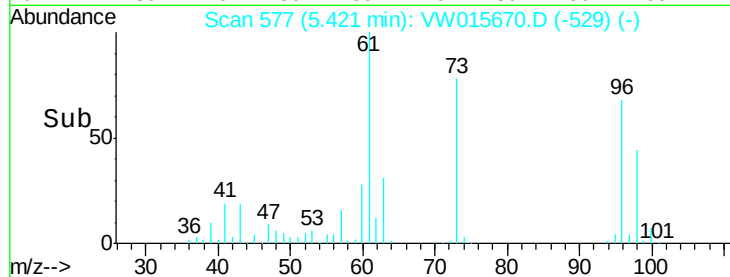
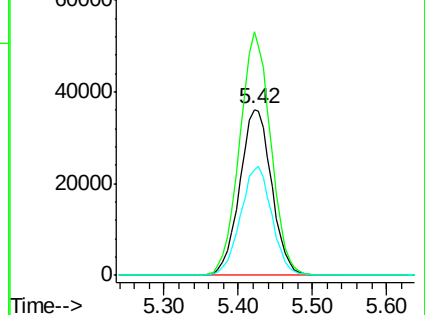
MMDadoda  
6/24/2020 10:58:25 AM



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 52.177 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Tgt Ion: 45 Resp: 322359

Ion Ratio Lower Upper

45 100

43 53.3 43.9 65.9

87 27.3 21.2 31.8

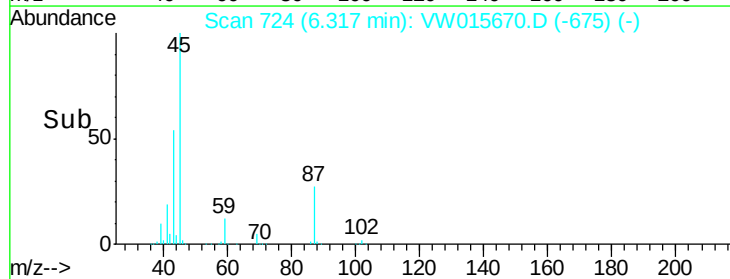
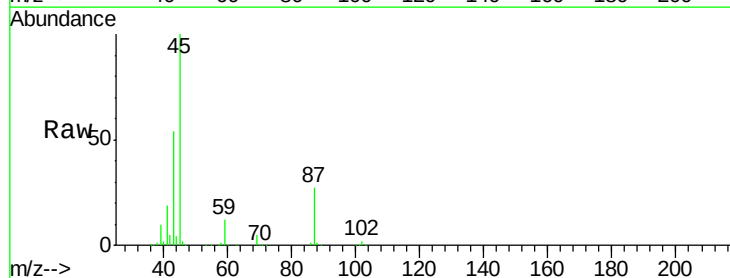
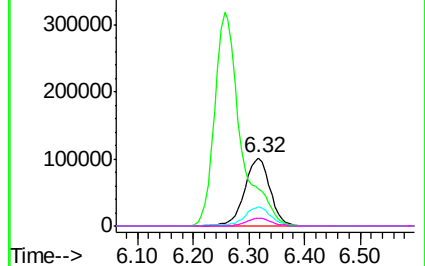
59 11.5 9.2 13.8

Abundance Ion 45.00 (44.70 to 45.70): VW

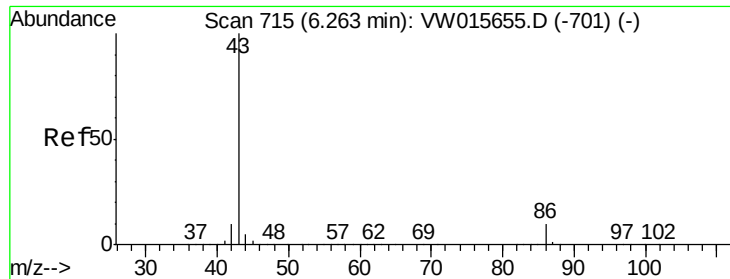
Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW







#23

Vinyl Acetate

Concen: 287.095 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1034361

Ion Ratio Lower Upper

43 100

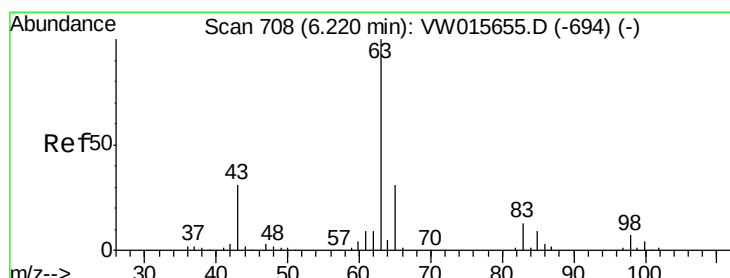
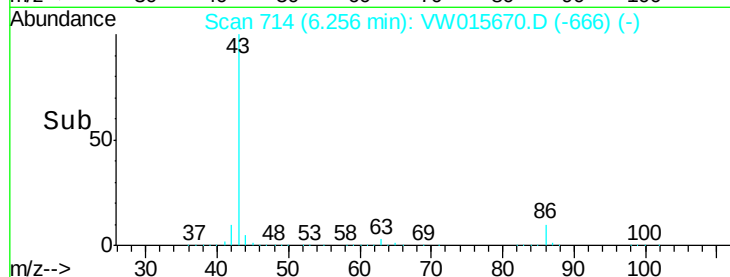
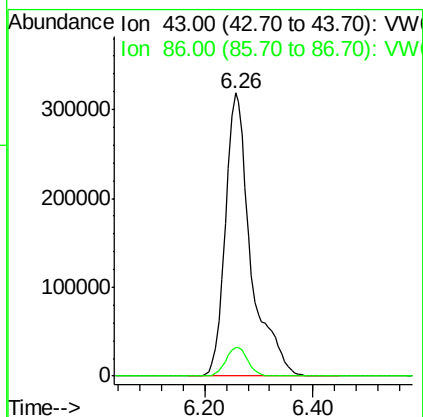
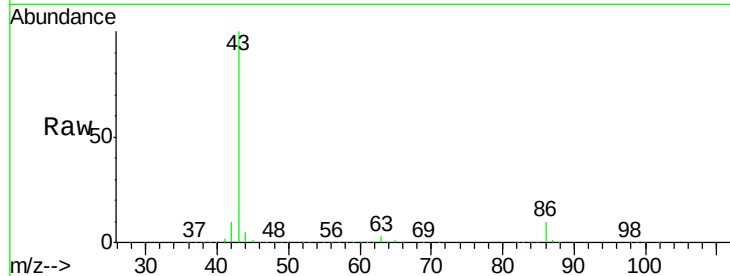
86 10.3 8.3 12.5

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 49.772 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

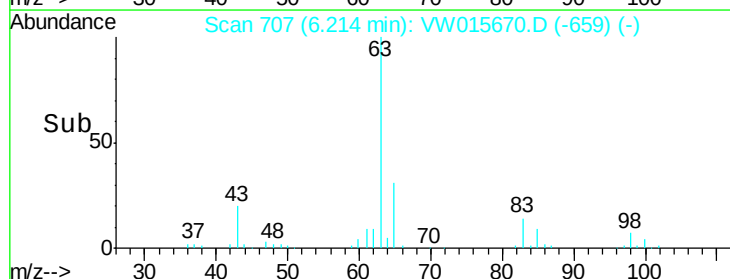
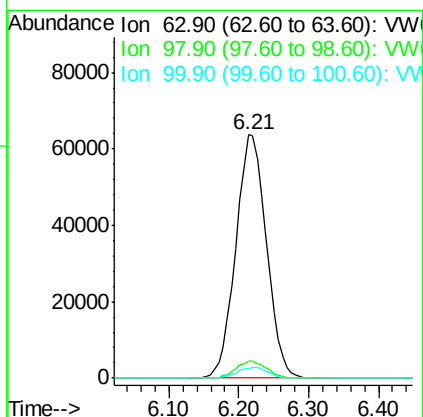
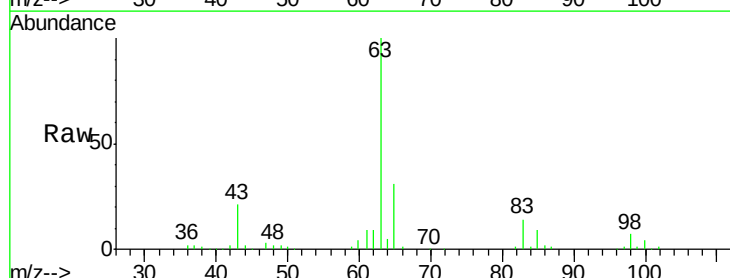
Tgt Ion: 63 Resp: 193562

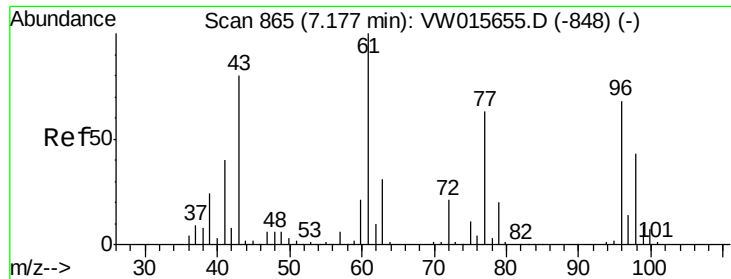
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 289.602 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 162499

Ion Ratio Lower Upper

43 100

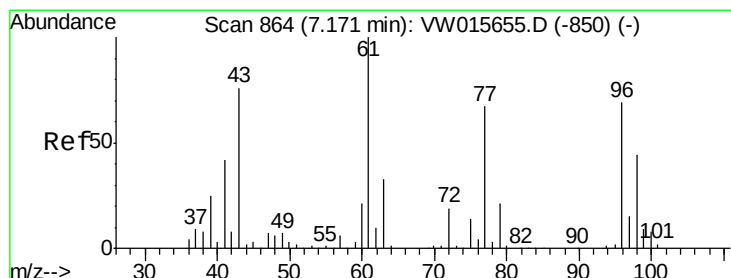
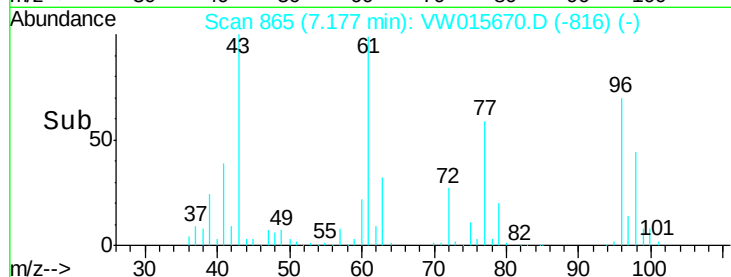
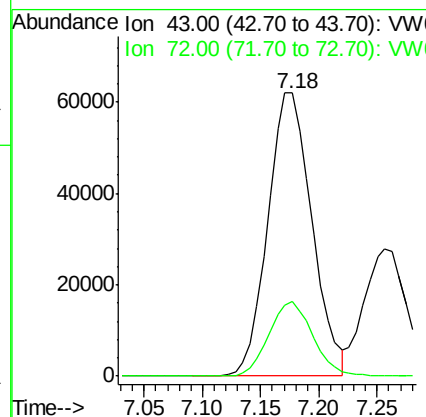
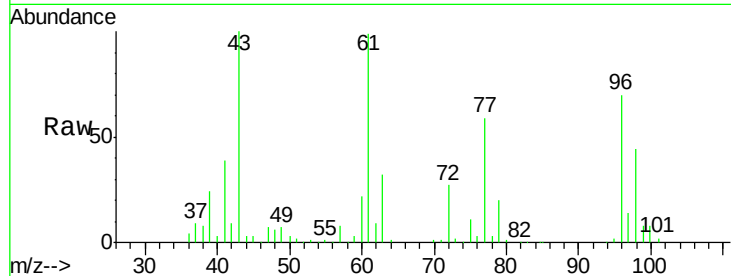
72 26.6 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.765 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015670.D

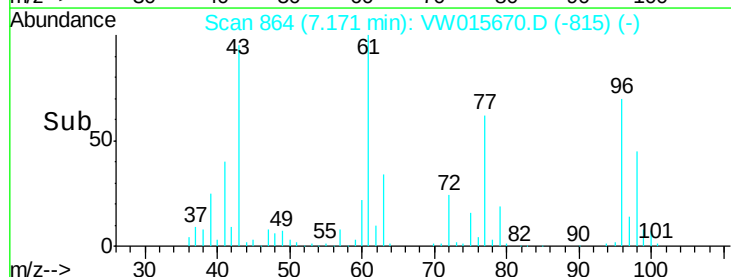
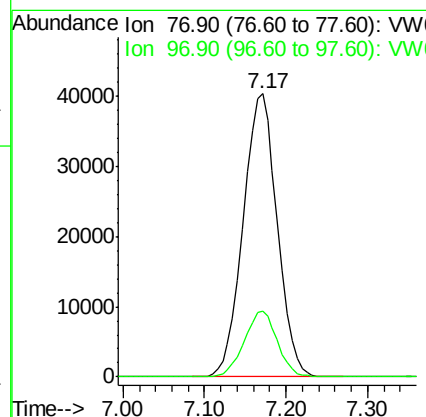
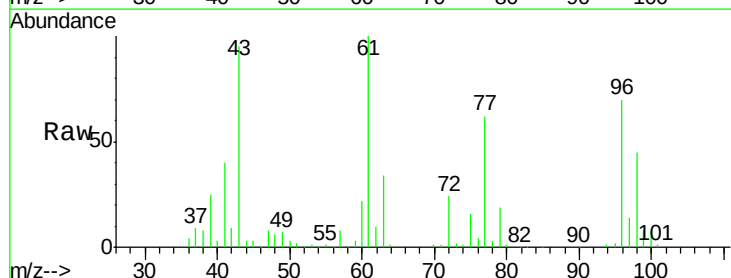
Acq: 23 Jun 2020 18:57

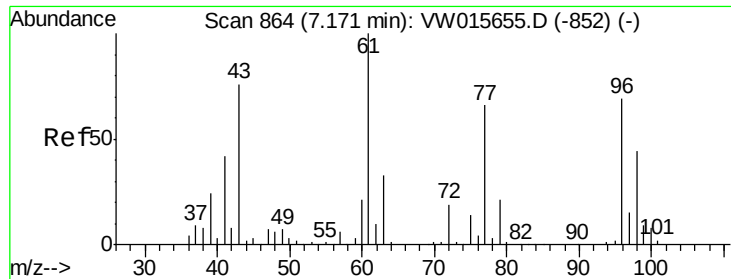
Tgt Ion: 77 Resp: 116764

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.5





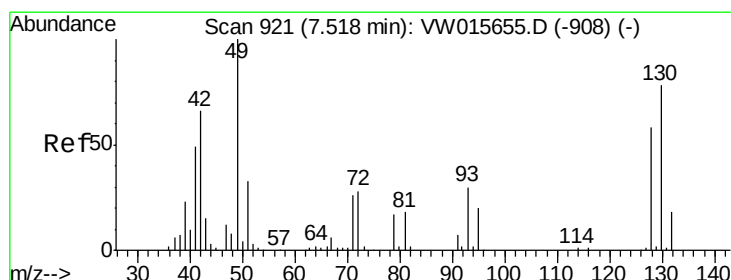
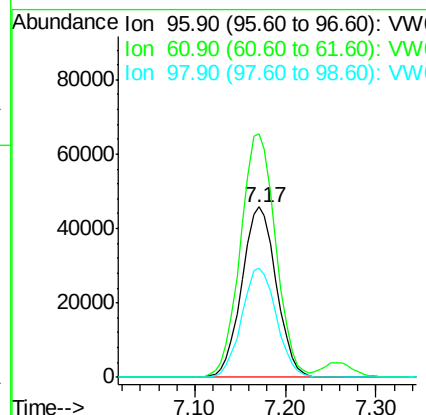
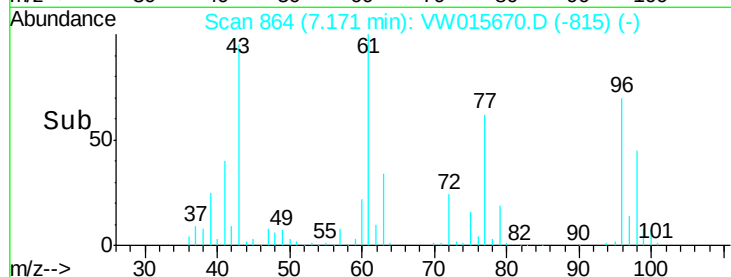
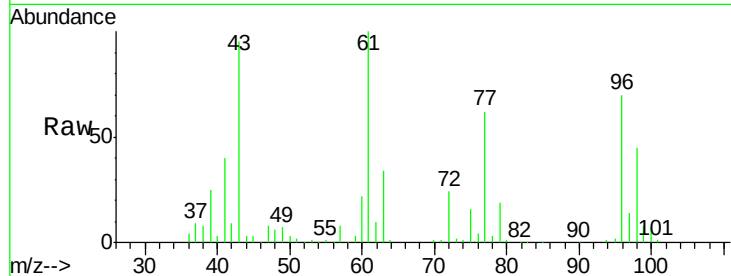
#27  
 cis-1,2-Dichloroethene  
 Concen: 51.135 ug/l  
 RT: 7.17 min Scan# 864  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 120754 |       |       |
| 61      | 145.7 | 0.0    | 296.8 |       |
| 98      | 64.4  | 0.0    | 128.0 |       |

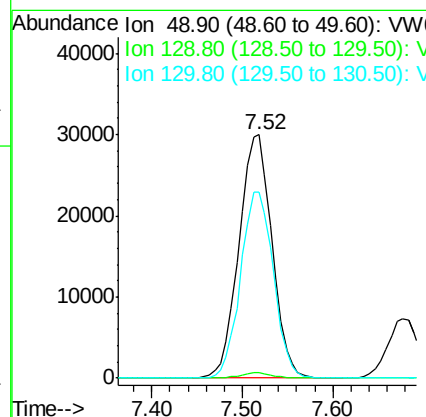
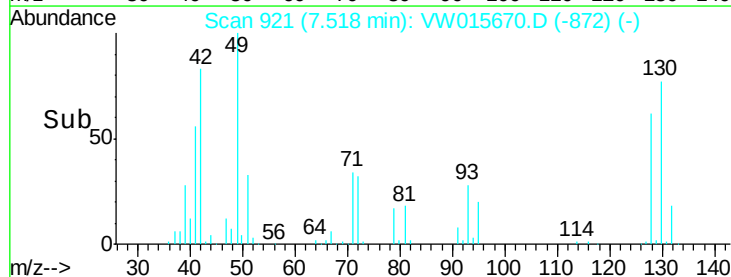
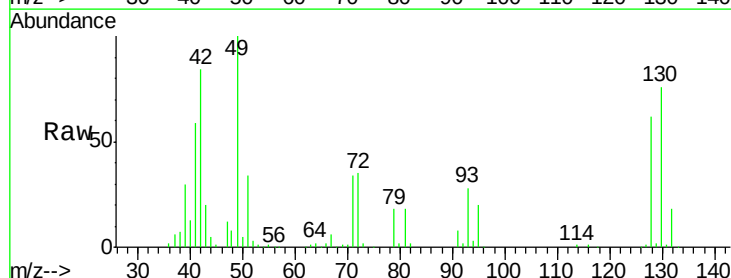
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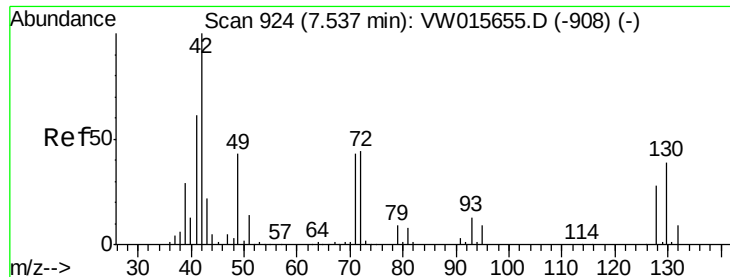
MMDadoda  
 6/24/2020 10:58:25 AM



#28  
 Bromochloromethane  
 Concen: 50.675 ug/l  
 RT: 7.52 min Scan# 921  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 75807 |       |       |
| 129     | 2.1   | 0.0   | 2.2   |       |
| 130     | 76.0  | 61.0  | 91.4  |       |





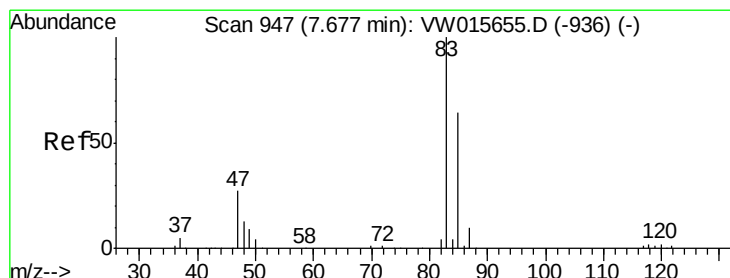
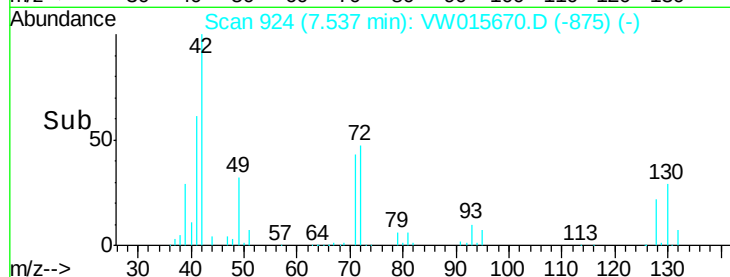
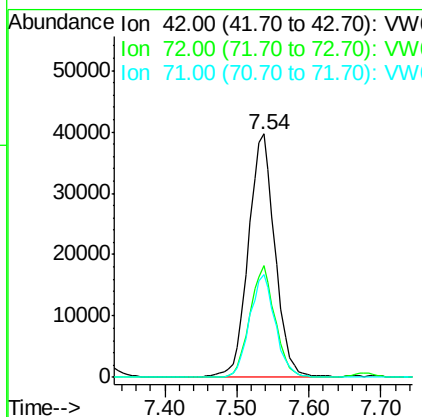
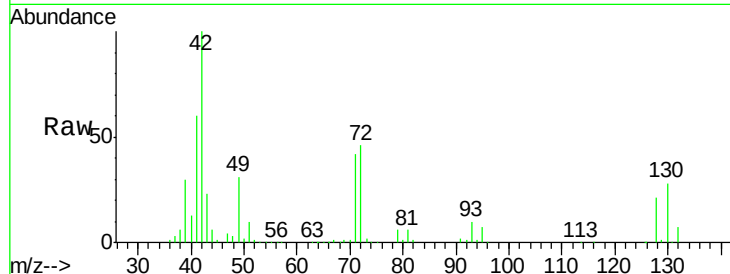
#29  
Tetrahydrofuran  
Concen: 307.898 ug/l  
RT: 7.54 min Scan# 924  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.6  | 35.0  | 52.6  |
| 71      | 40.6  | 32.6  | 49.0  |

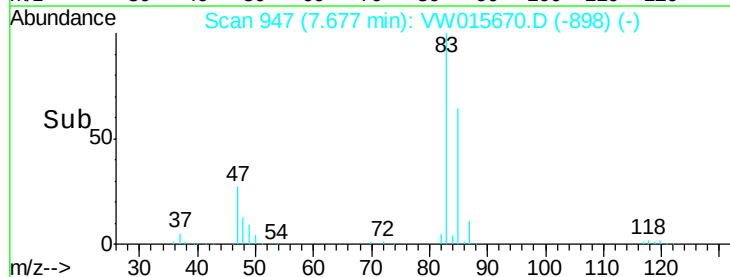
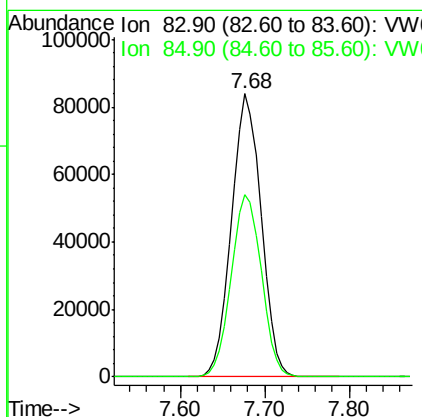
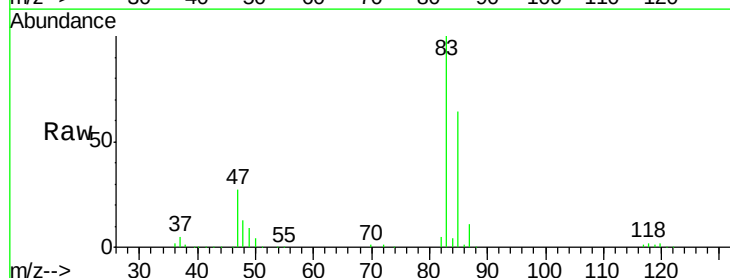
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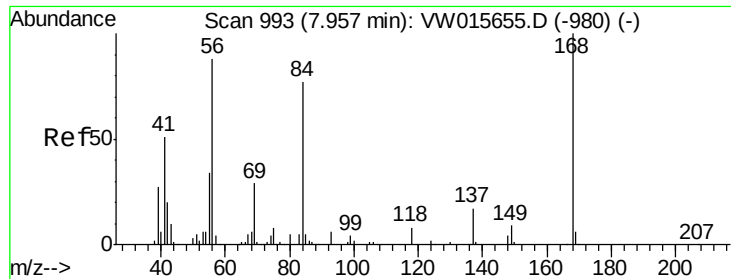
MMDadoda  
6/24/2020 10:58:25 AM



#30  
Chloroform  
Concen: 50.165 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.5  | 51.0  | 76.4  |





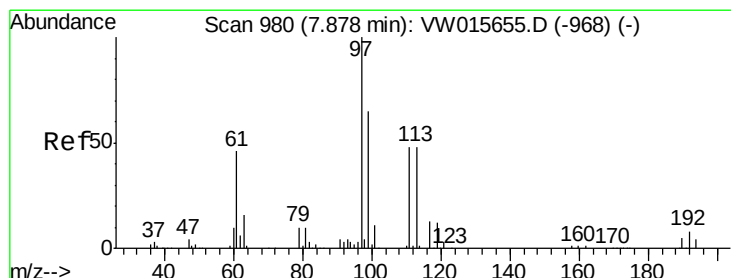
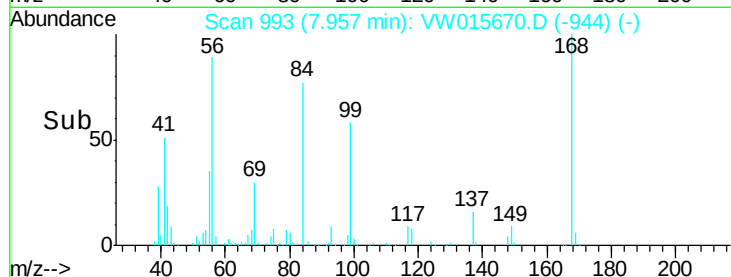
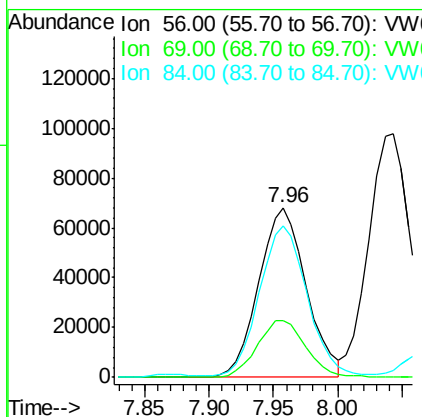
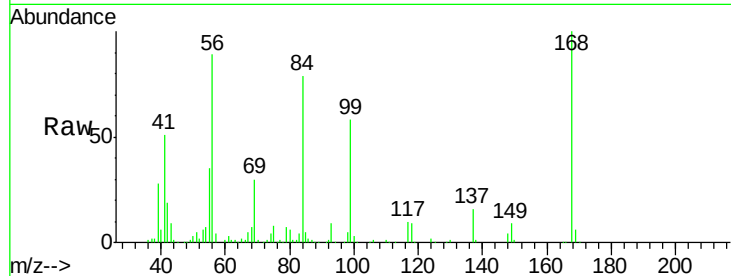
#31  
Cyclohexane  
Concen: 46.129 ug/l  
RT: 7.96 min Scan# 993  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 33.6  | 26.2  | 39.4  |
| 84      | 88.2  | 70.4  | 105.6 |

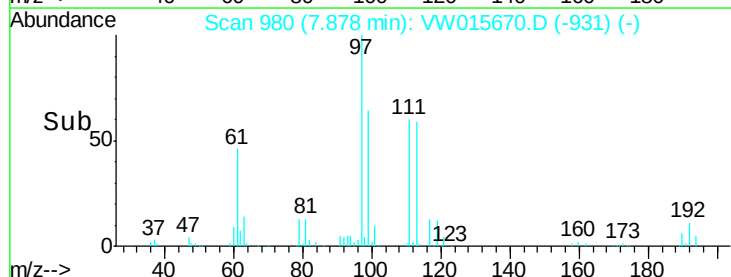
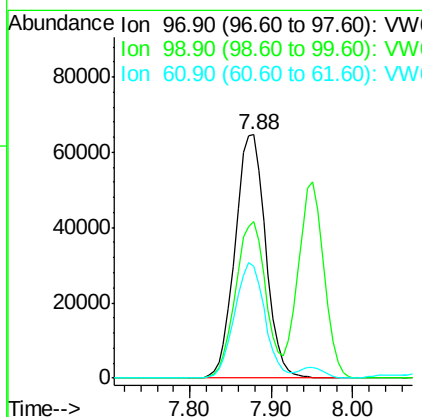
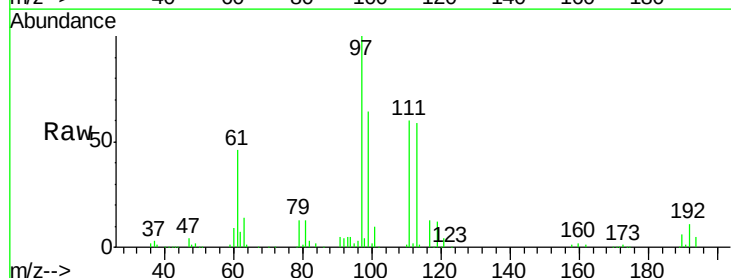
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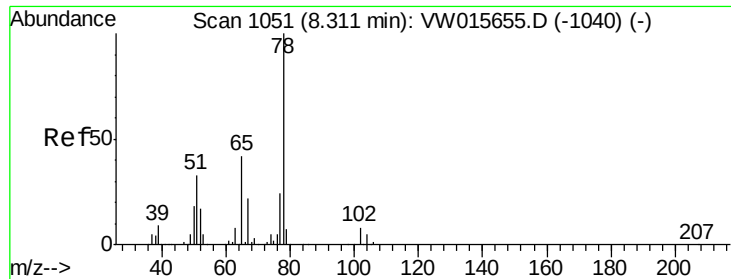
MMDadoda  
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#32  
1,1,1-Trichloroethane  
Concen: 49.085 ug/l  
RT: 7.88 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.4  | 51.9  | 77.9  |
| 61      | 46.8  | 37.3  | 55.9  |





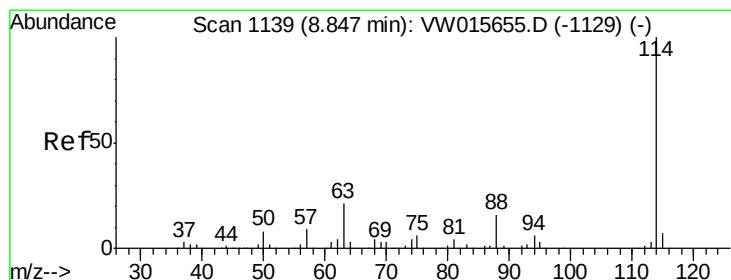
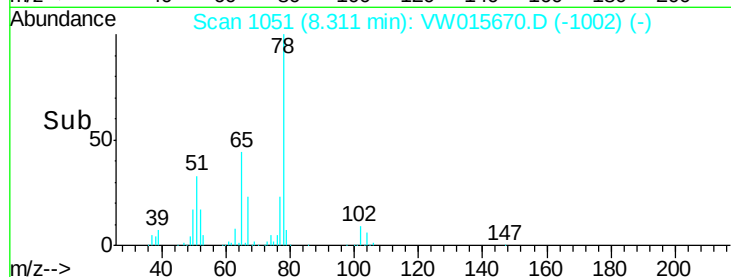
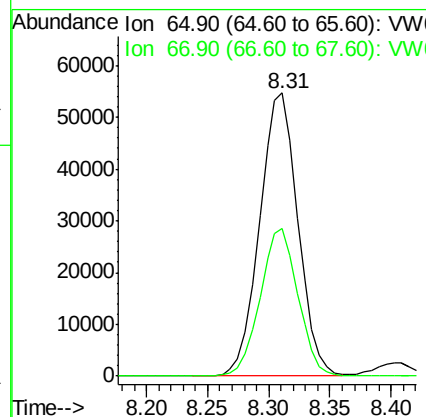
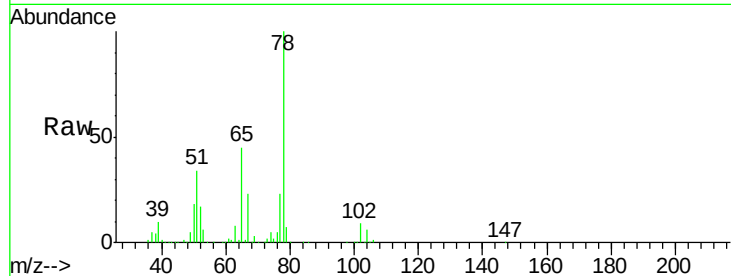
#33  
 1,2-Dichloroethane-d4  
 Concen: 54.421 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 51.7  | 0.0  | 102.2 |       |

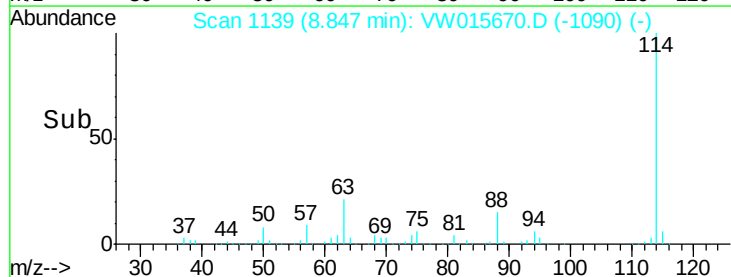
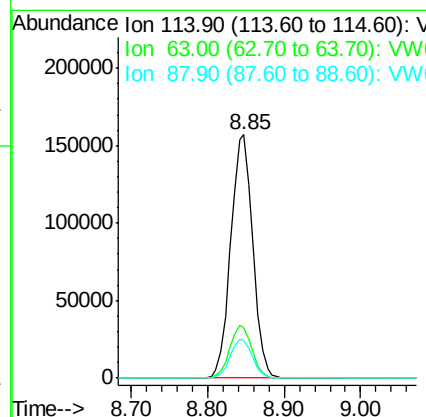
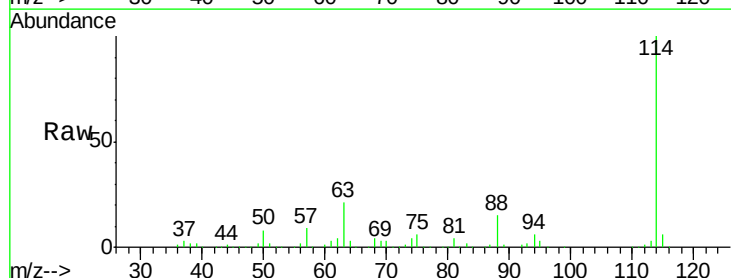
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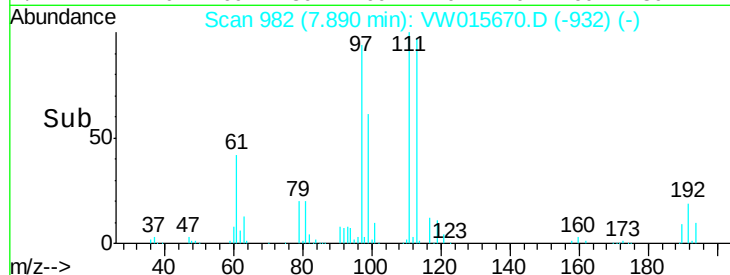
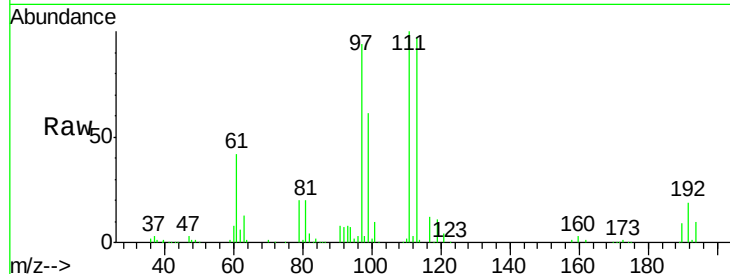
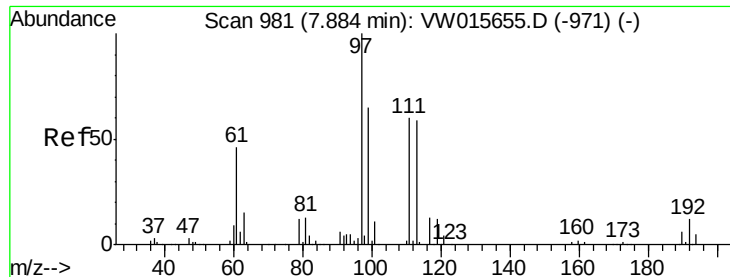
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 20.6  | 0.0  | 42.4  |       |
| 88      | 15.4  | 0.0  | 32.6  |       |





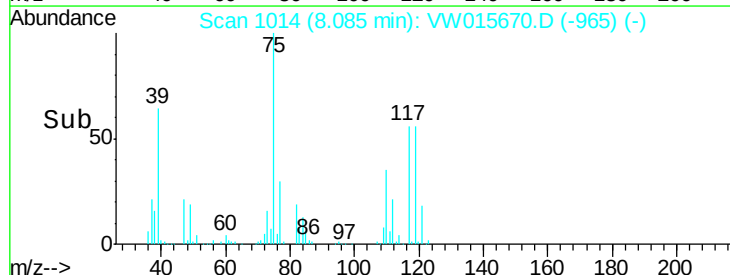
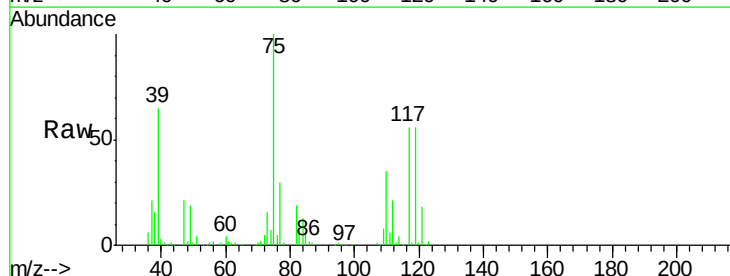
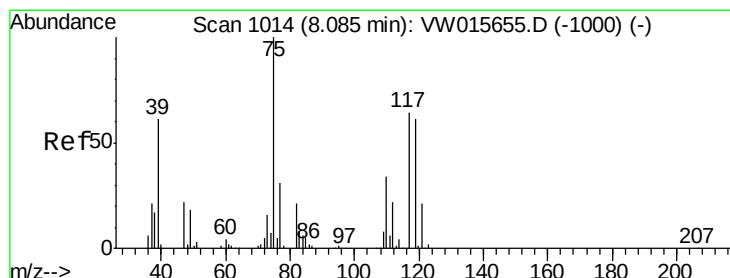
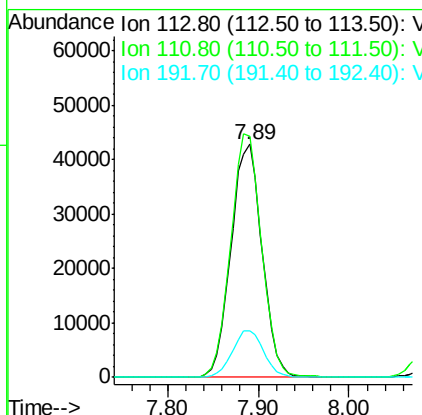
#35  
Dibromofluoromethane  
Concen: 52.198 ug/l  
RT: 7.89 min Scan# 982  
Delta R.T. 0.01 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 101935 |       |       |
| 111     | 103.6 | 82.3   | 123.5 |       |
| 192     | 20.2  | 16.4   | 24.6  |       |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

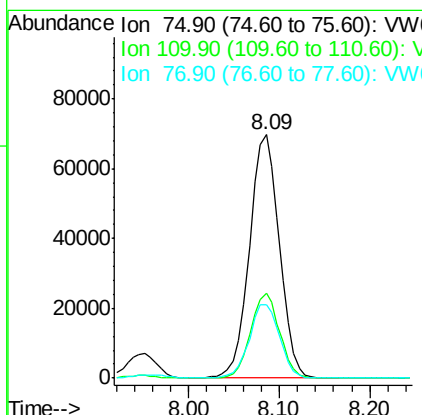
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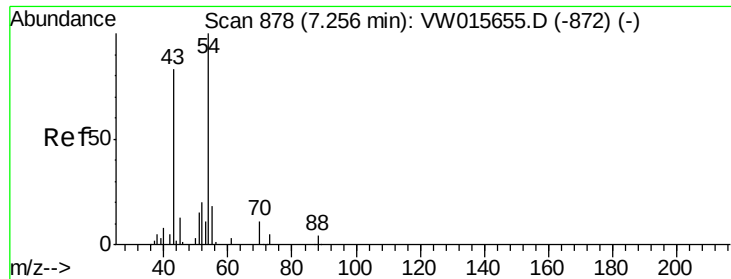
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#36  
1,1-Dichloropropene  
Concen: 49.148 ug/l  
RT: 8.09 min Scan# 1014  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 158701 |       |       |
| 110     | 33.9  | 17.0   | 51.0  |       |
| 77      | 30.9  | 24.6   | 36.8  |       |





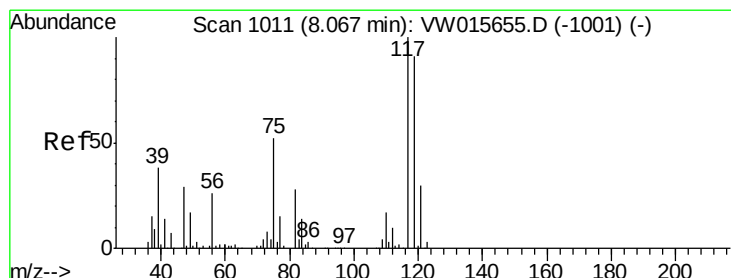
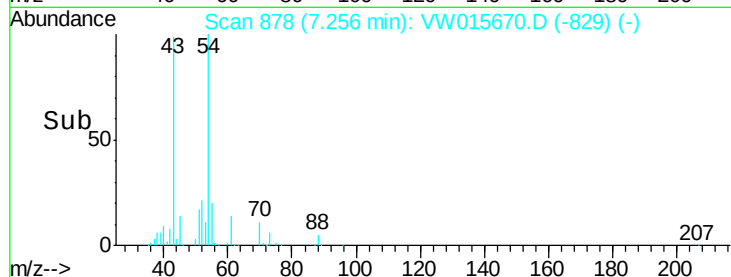
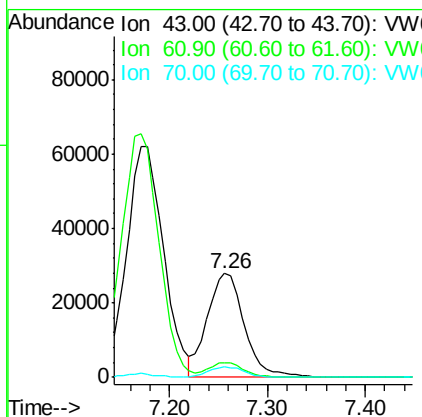
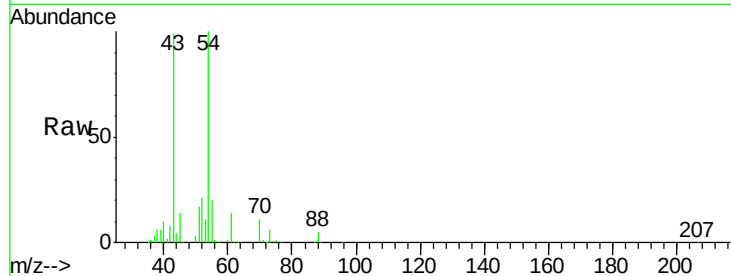
#37  
Ethyl Acetate  
Concen: 58.938 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.4  | 10.4  | 15.6  |
| 70      | 10.2  | 8.4   | 12.6  |

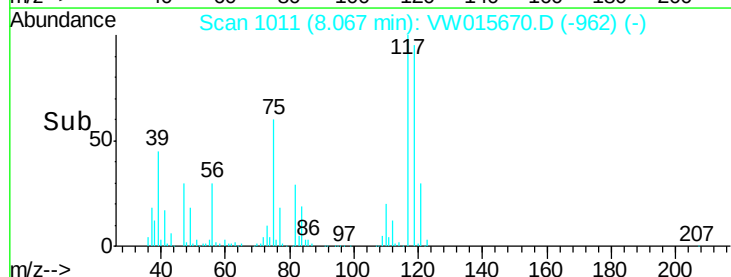
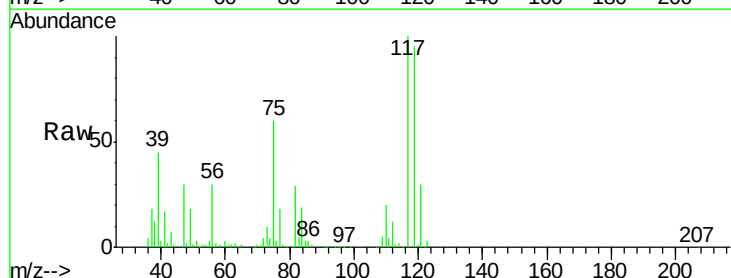
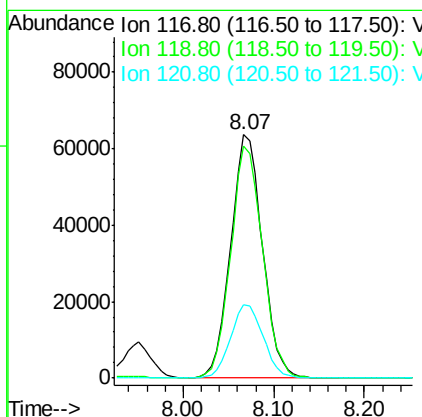
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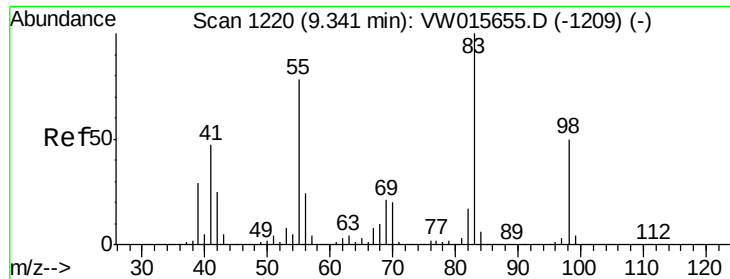


#38  
Carbon Tetrachloride  
Concen: 49.436 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.3  | 73.2  | 109.8 |
| 121     | 30.0  | 23.9  | 35.9  |







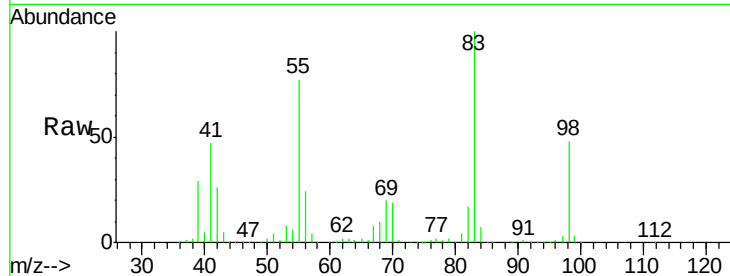
#39  
Methylvlcyclohexane  
Concen: 49.481 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

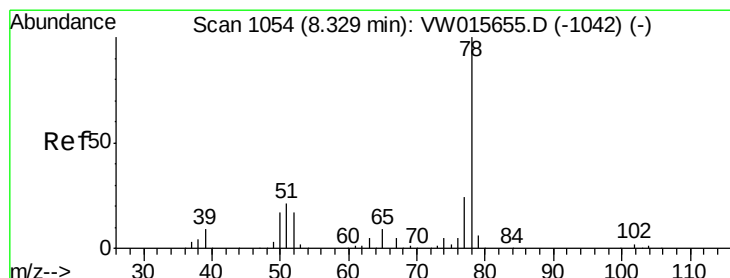
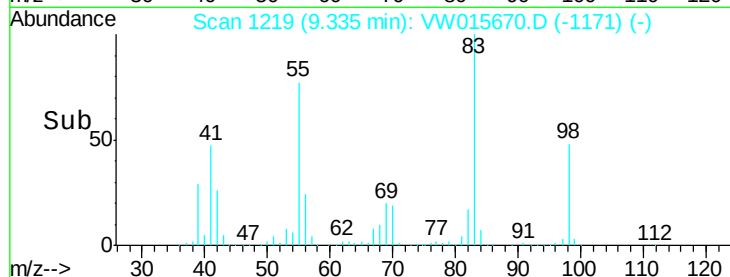
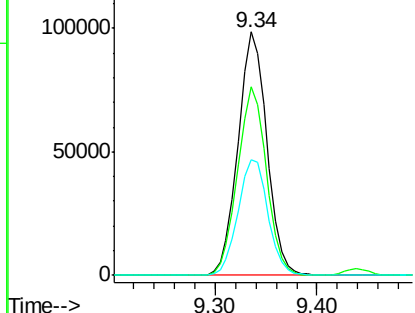
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 193525 |       |       |
| 55      | 77.4  | 62.8   | 94.2  |       |
| 98      | 47.7  | 39.9   | 59.9  |       |

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6/24/2020 10:58:25 AM

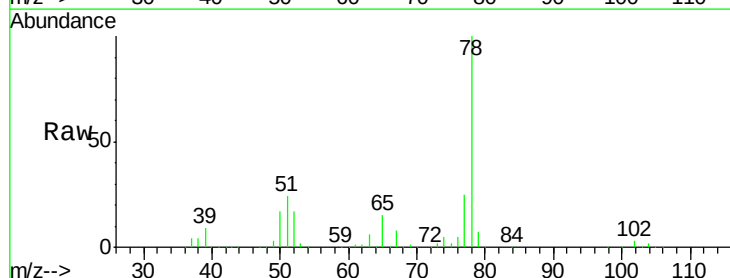


Abundance Ion 83.00 (82.70 to 83.70): VW  
Ion 55.00 (54.70 to 55.70): VW  
Ion 98.00 (97.70 to 98.70): VW

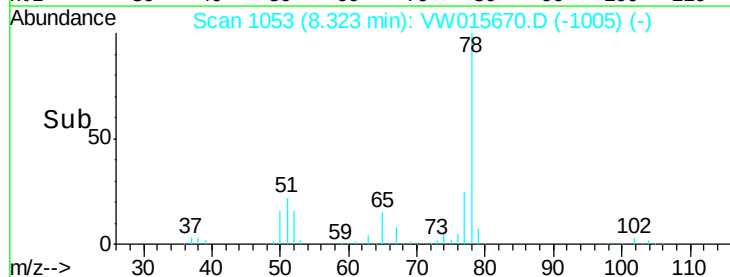
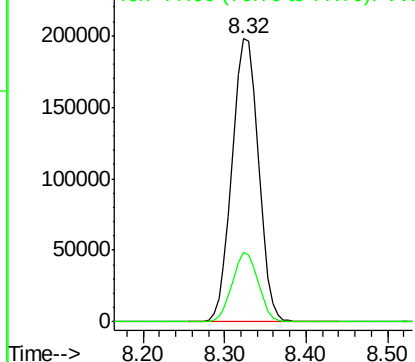


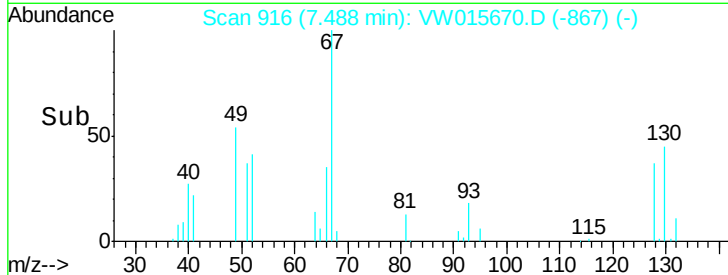
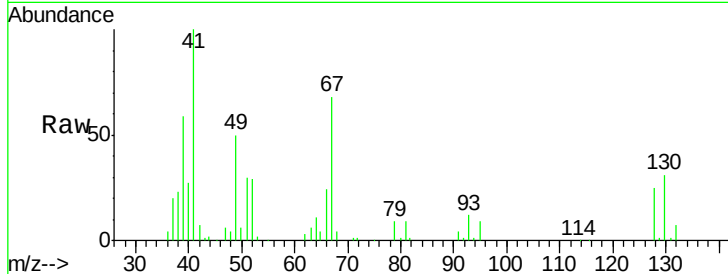
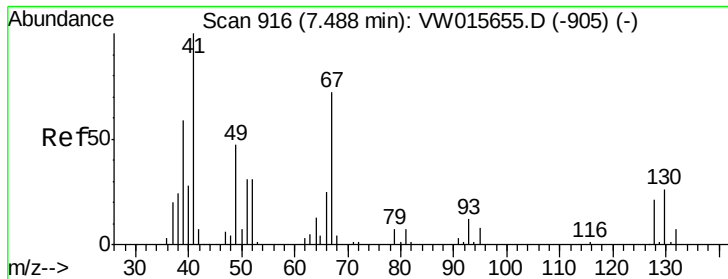
#40  
Benzene  
Concen: 50.504 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 443429 |       |       |
| 77      | 24.8  | 19.3   | 28.9  |       |



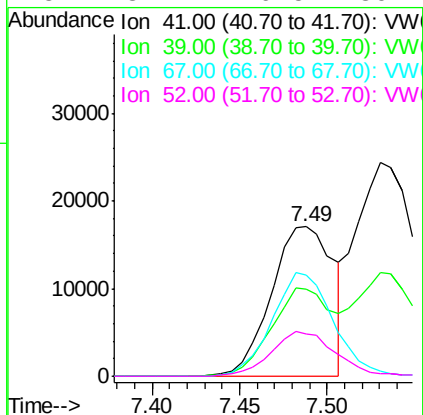
Abundance Ion 78.00 (77.70 to 78.70): VW  
Ion 77.00 (76.70 to 77.70): VW





#41  
Methacrylonitrile  
Concen: 59.586 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

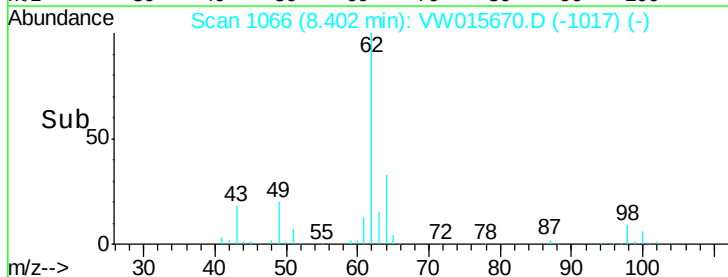
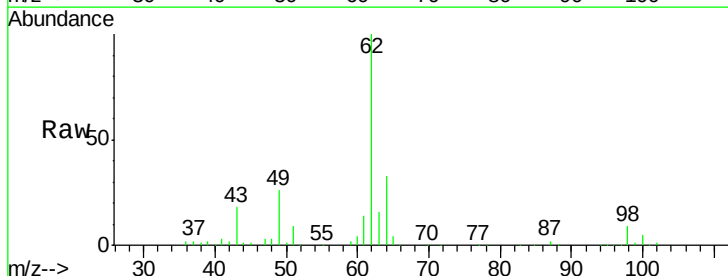
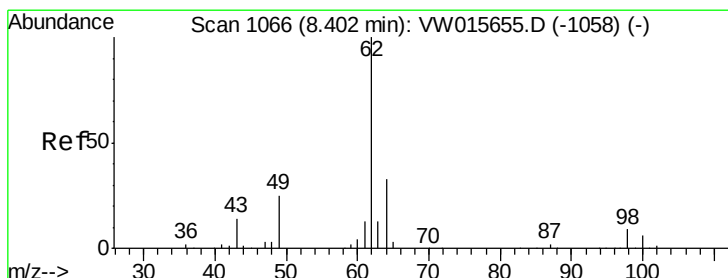
| Tot Ion | 41    | Resp  | 42163 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 57.4  | 52.0  | 78.0  |
| 67      | 69.0  | 57.5  | 86.3  |
| 52      | 31.4  | 26.5  | 39.7  |



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

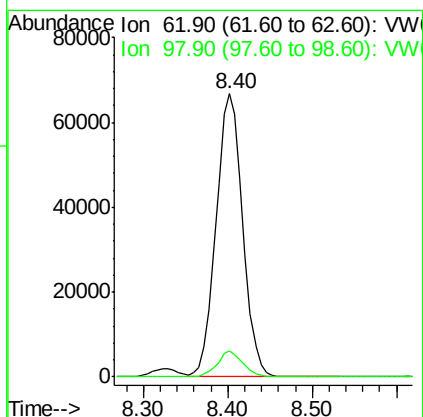
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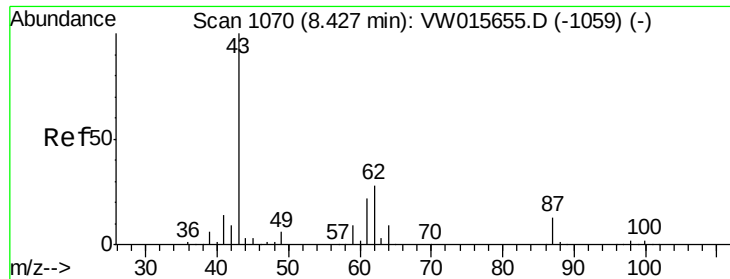
MMDadoda  
6/24/2020 10:58:25 AM



#42  
1,2-Dichloroethane  
Concen: 53.393 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

| Tgt Ion | 62    | Resp  | 145026 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 62      | 100   |       |        |
| 98      | 8.7   | 0.0   | 17.4   |





#43

Isopropyl Acetate

Concen: 59.161 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

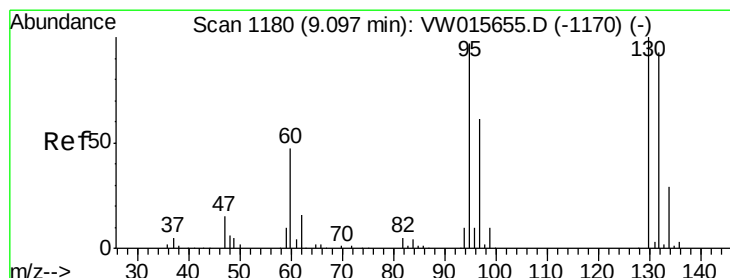
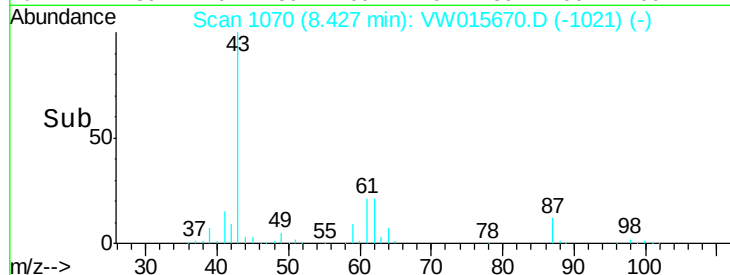
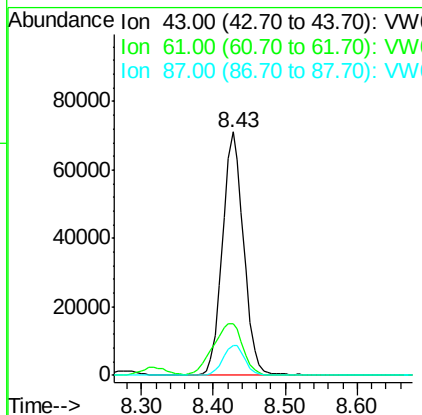
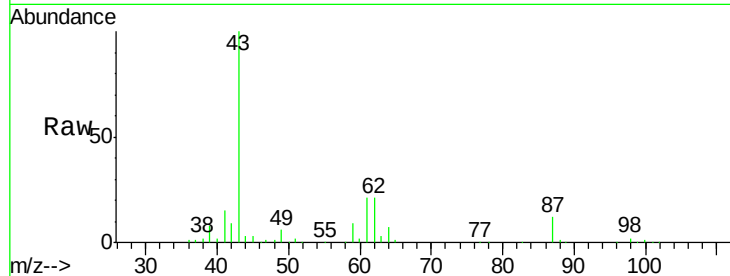
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 145560 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 29.7  | 24.7  | 37.1   |
| 87       | 12.8  | 10.2  | 15.2   |

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#44

Trichloroethene

Concen: 49.514 ug/l

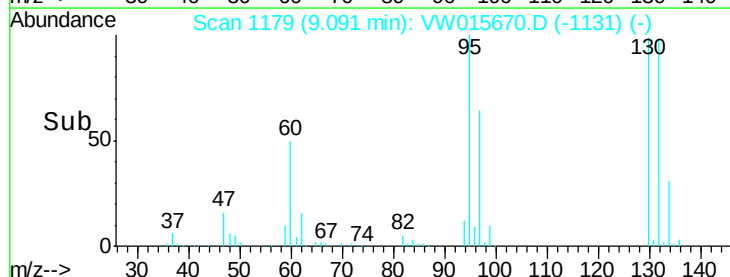
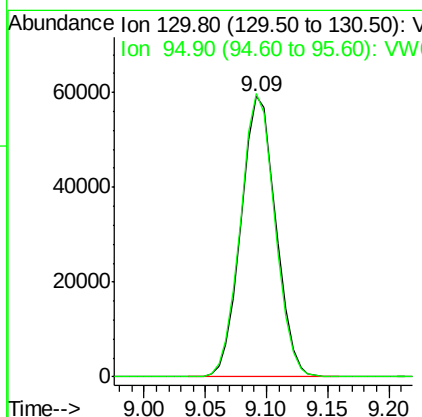
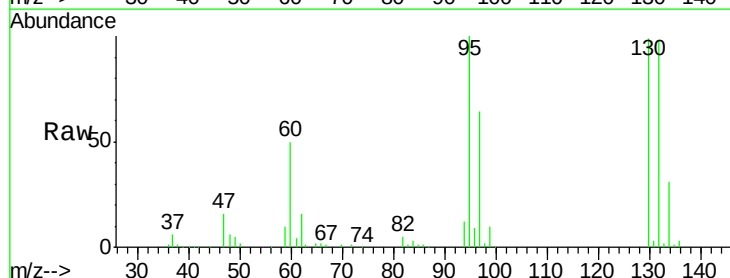
RT: 9.09 min Scan# 1179

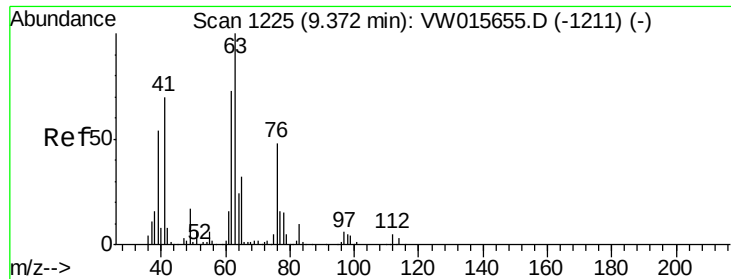
Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 117177 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 101.0 | 0.0   | 194.4  |





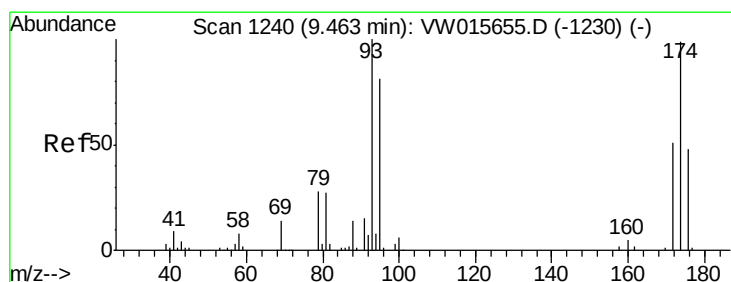
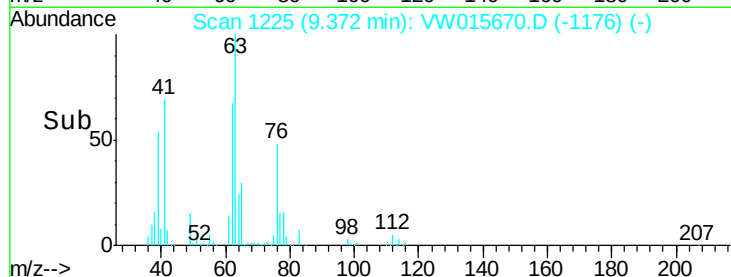
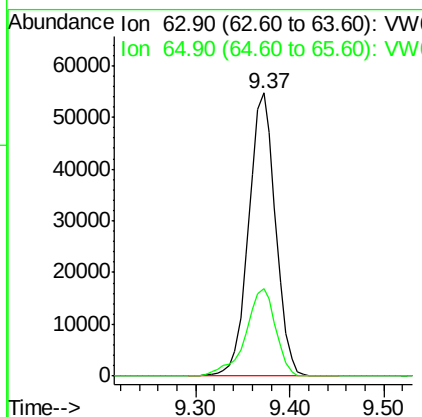
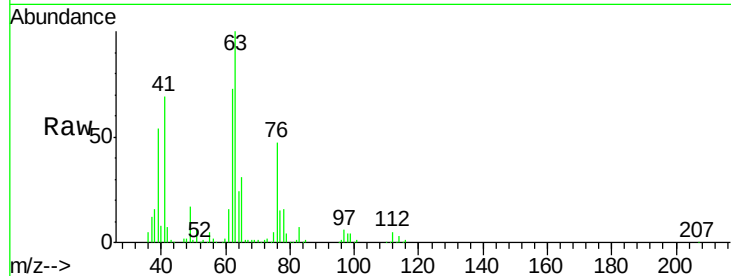
#45  
 1,2-Dichloropropane  
 Concen: 51.173 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 63 Resp: 109822  
 Ion Ratio Lower Upper  
 63 100  
 65 30.8 25.3 37.9

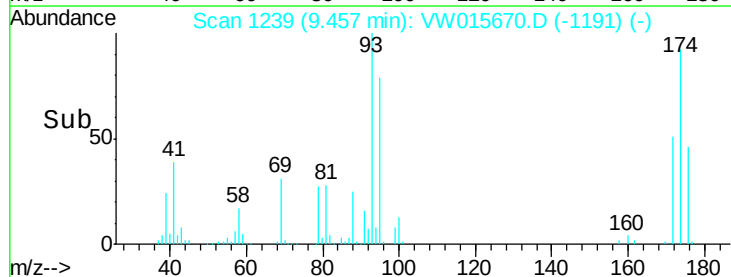
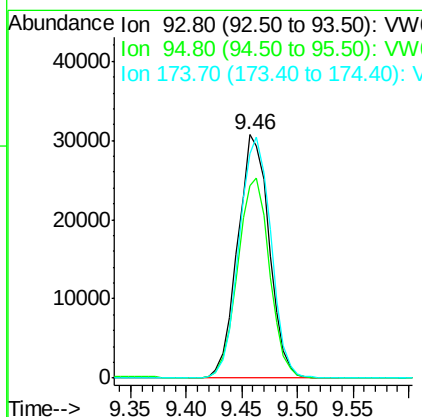
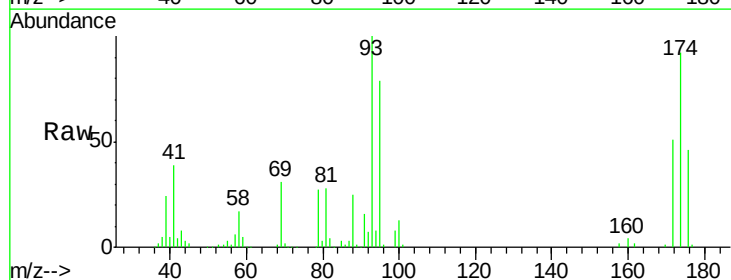
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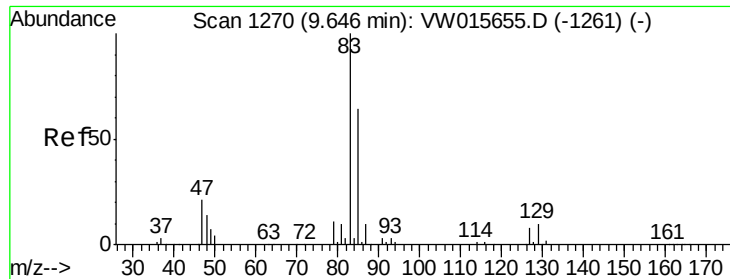
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#46  
 Dibromomethane  
 Concen: 54.434 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.01 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Tgt Ion: 93 Resp: 60443  
 Ion Ratio Lower Upper  
 93 100  
 95 82.9 65.7 98.5  
 174 100.0 79.0 118.6





#47

Bromodichloromethane

Concen: 52.727 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

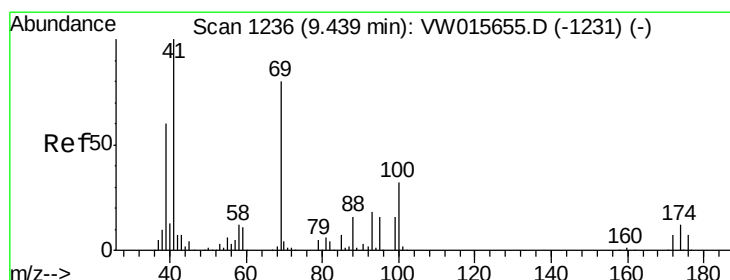
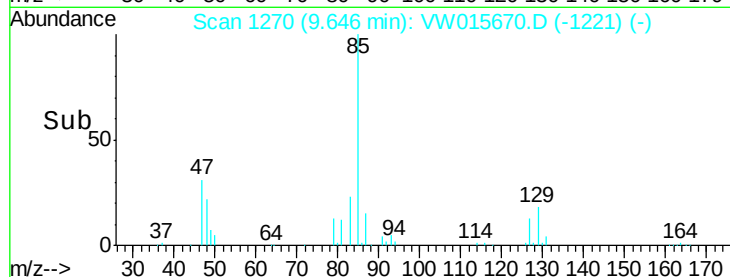
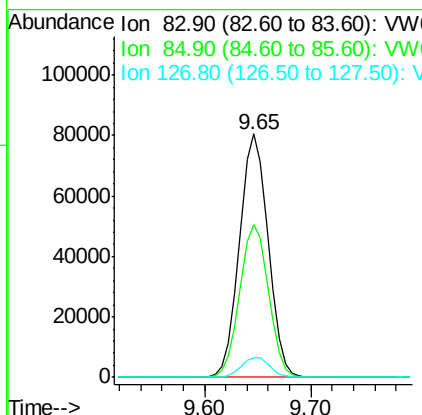
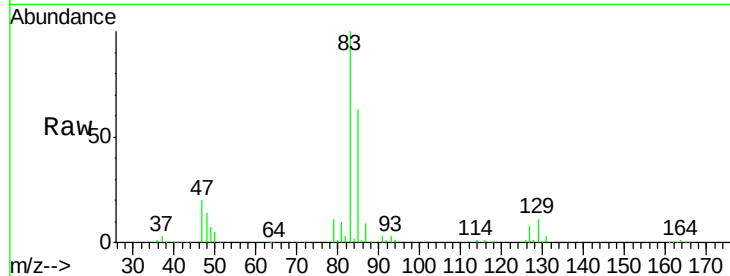
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 152718 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.0  | 50.8  | 76.2   |
| 127      | 8.1   | 6.3   | 9.5    |

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#48

Methyl methacrylate

Concen: 60.613 ug/l

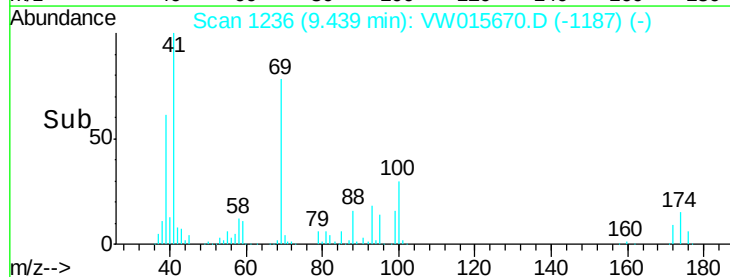
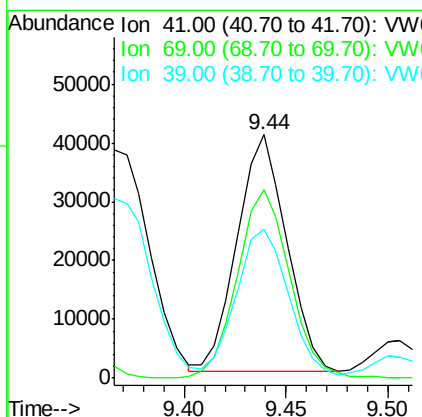
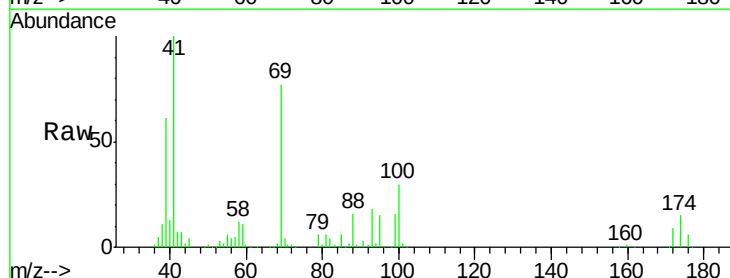
RT: 9.44 min Scan# 1236

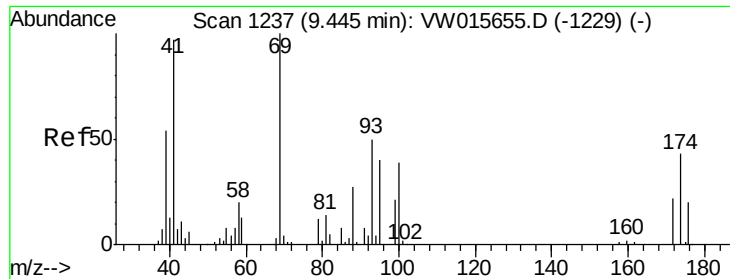
Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 68181 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 84.1  | 68.2  | 102.2 |
| 39       | 63.3  | 49.8  | 74.6  |





#49

1,4-Dioxane

Concen: 1250.686 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

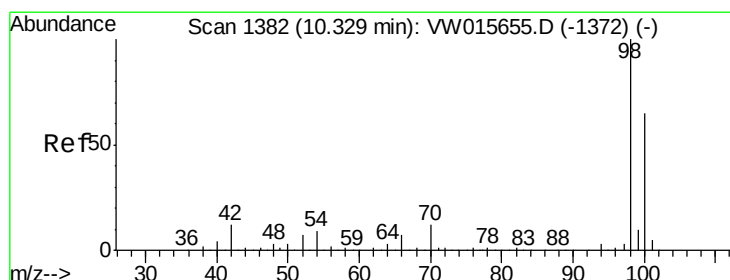
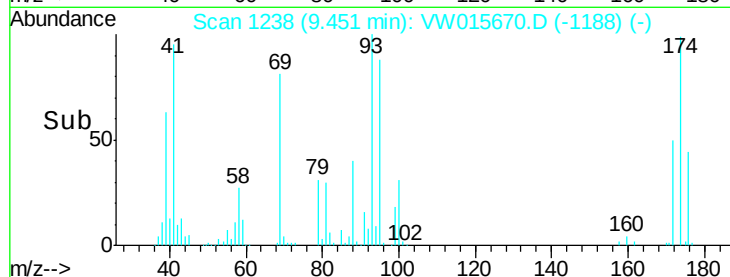
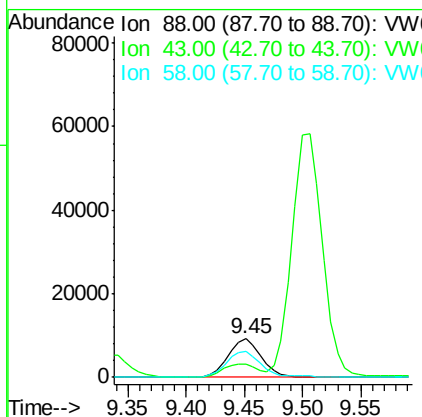
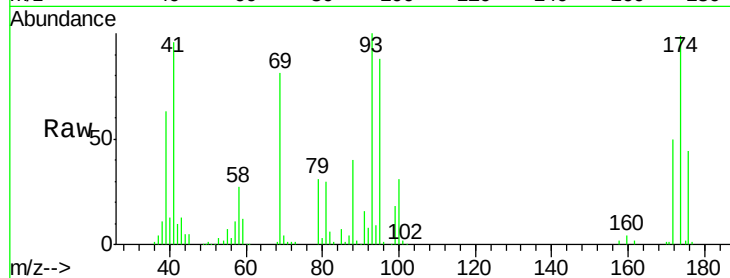
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 88    | Resp: | 18218 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 36.2  | 30.1  | 45.1  |
| 58        | 70.2  | 56.1  | 84.1  |

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#50

Toluene-d8

Concen: 52.348 ug/l

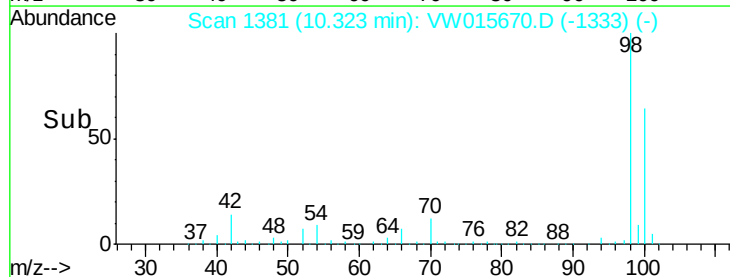
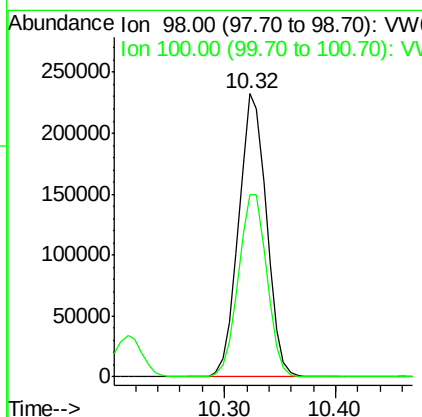
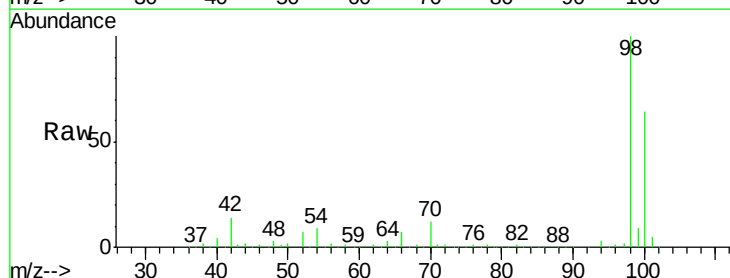
RT: 10.32 min Scan# 1381

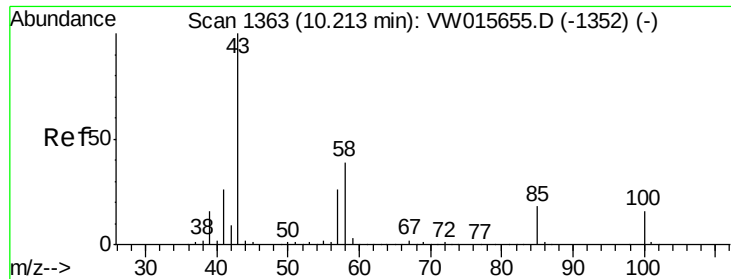
Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 402310 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 65.9  | 52.8  | 79.2   |





#51

4-Methyl-2-Pentanone

Concen: 308.129 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 365603

Ion Ratio Lower Upper

43 100

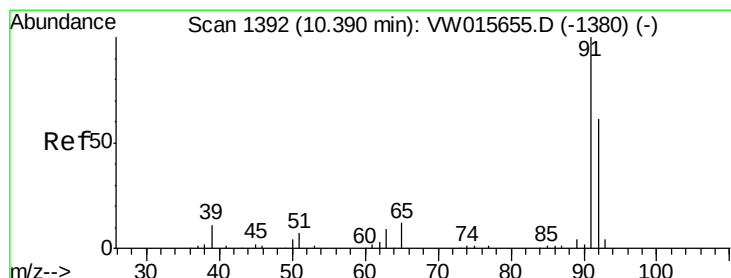
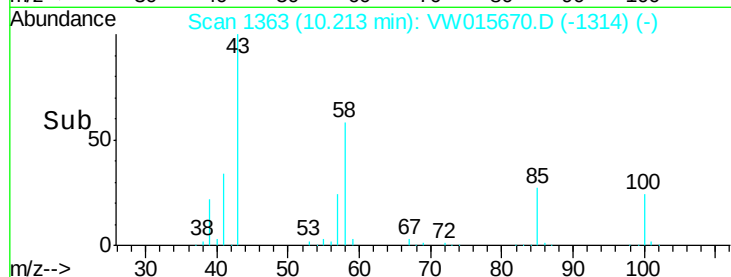
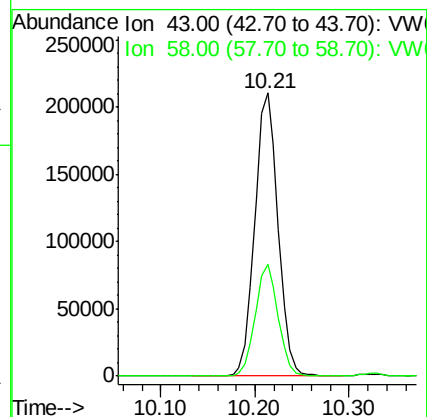
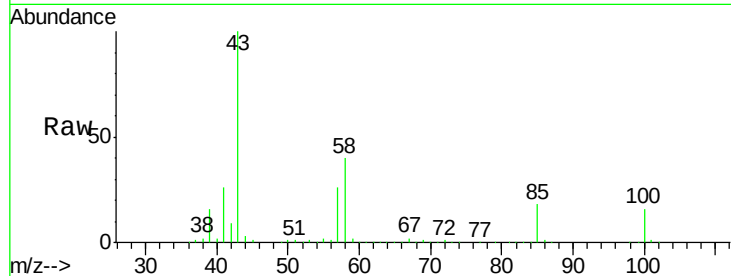
58 38.7 31.2 46.8

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#52

Toluene

Concen: 51.140 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015670.D

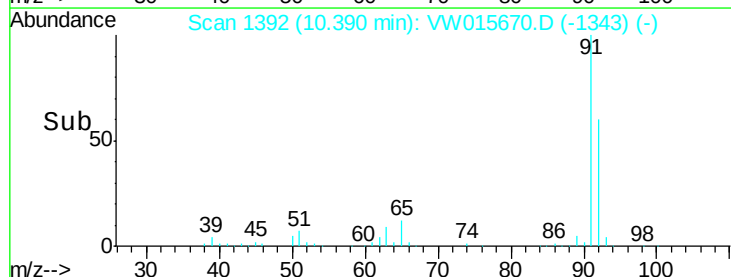
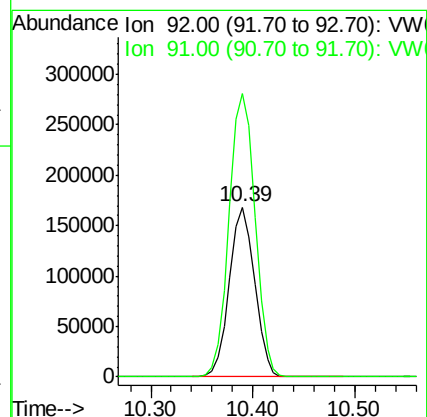
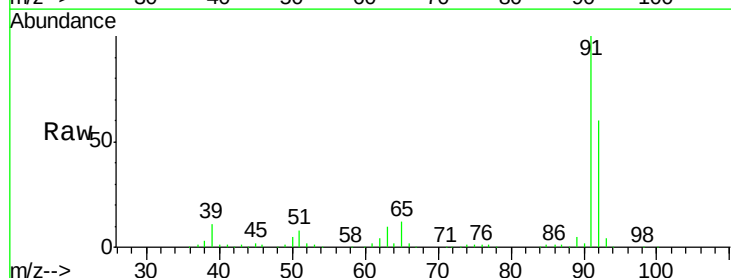
Acq: 23 Jun 2020 18:57

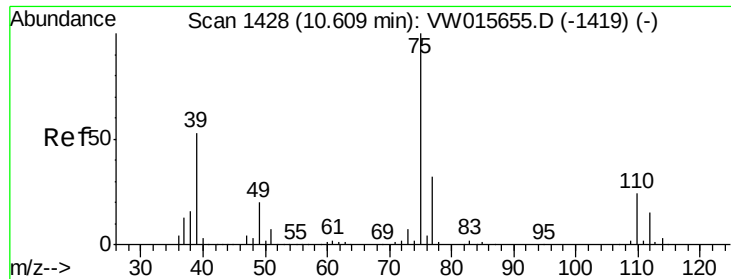
Tgt Ion: 92 Resp: 289930

Ion Ratio Lower Upper

92 100

91 171.5 135.5 203.3





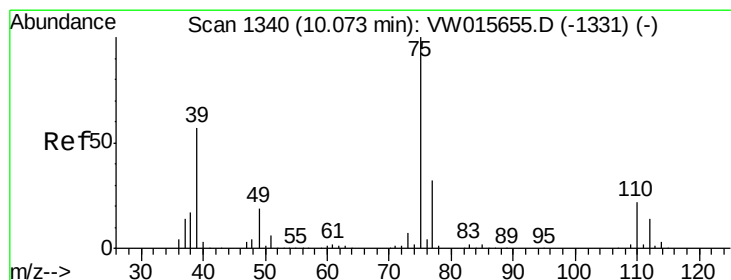
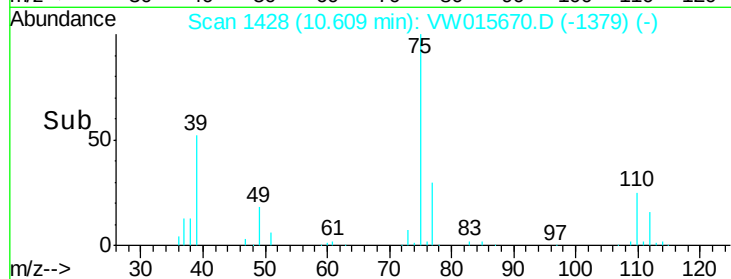
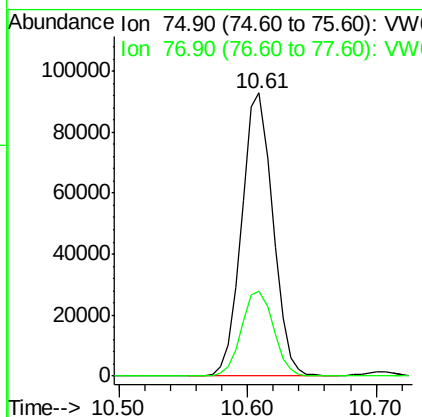
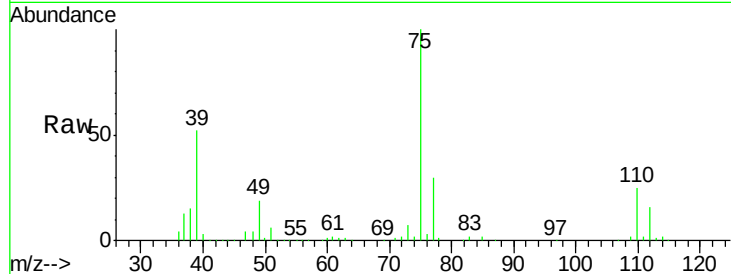
#53  
 t-1,3-Dichloropropene  
 Concen: 55.432 ug/l  
 RT: 10.61 min Scan# 1428  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 75 Resp: 155103  
 Ion Ratio Lower Upper  
 75 100  
 77 30.2 25.3 37.9

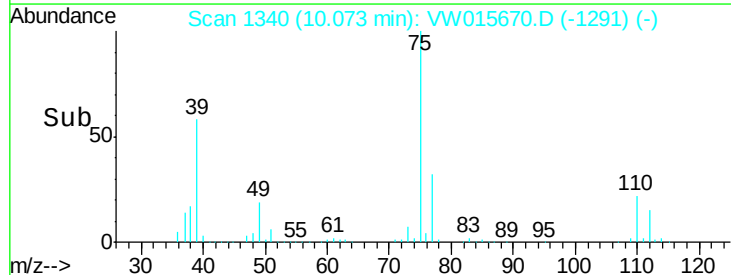
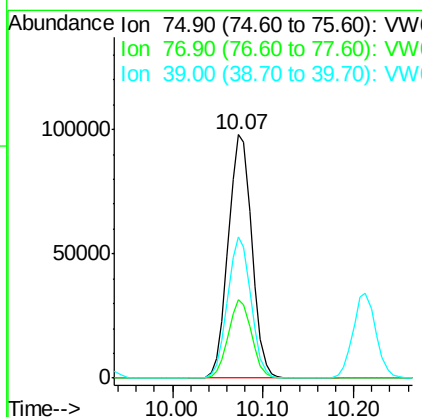
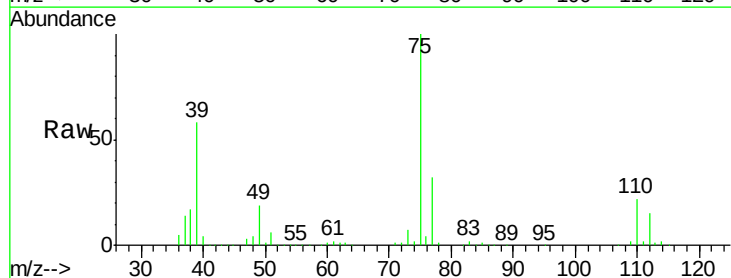
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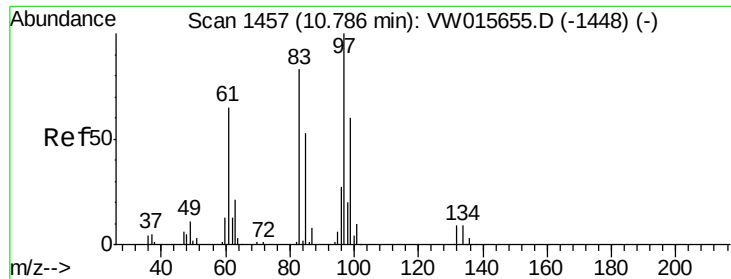


#54  
 cis-1,3-Dichloropropene  
 Concen: 52.883 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Tgt Ion: 75 Resp: 176769  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 25.4 38.2  
 39 58.1 45.8 68.6







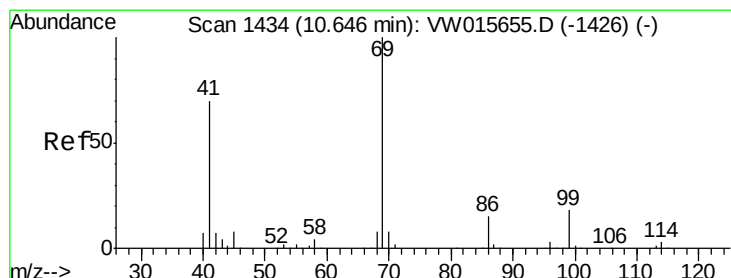
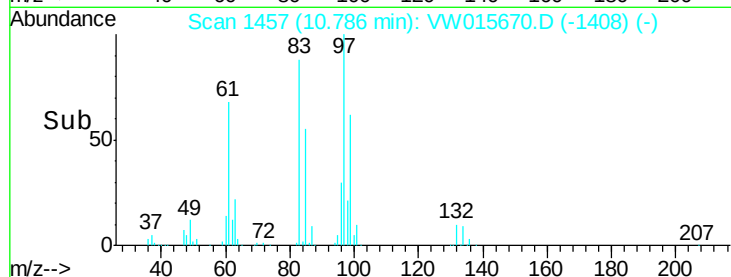
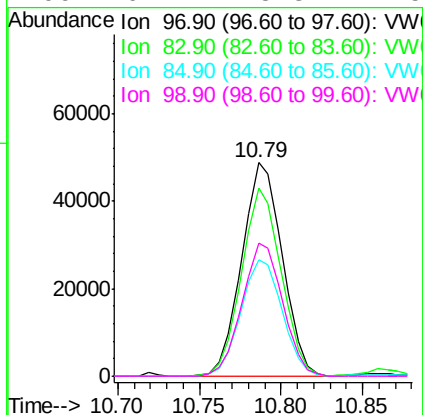
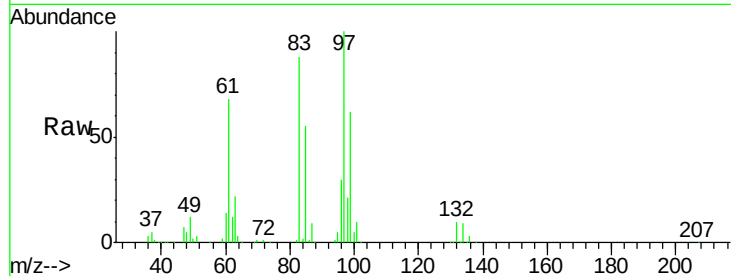
#55  
 1,1,2-Trichloroethane  
 Concen: 54.972 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 84869 |       |       |
| 83      | 88.3 | 66.3  | 99.5  |       |       |
| 85      | 54.6 | 42.5  | 63.7  |       |       |
| 99      | 62.4 | 48.3  | 72.5  |       |       |

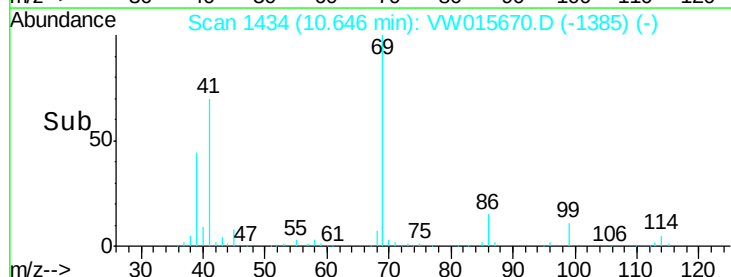
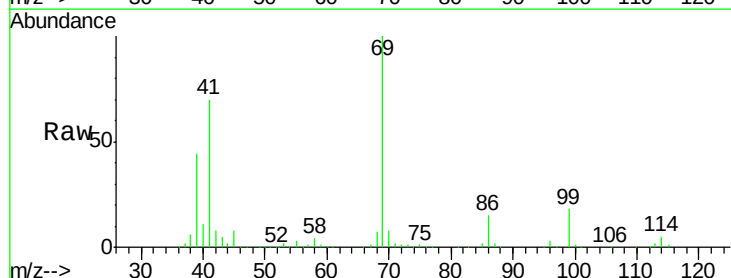
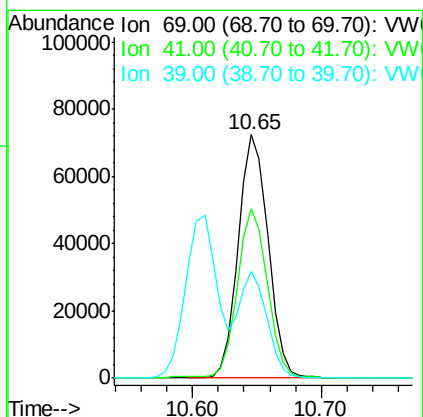
Manual Integrations  
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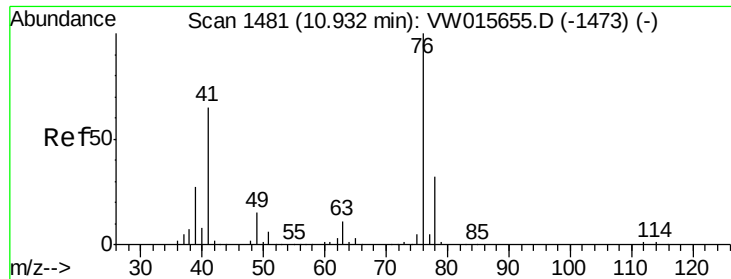
MMDadoda  
 6/24/2020 10:58:25 AM



#56  
 Ethyl methacrylate  
 Concen: 60.458 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 116136 |       |       |
| 41      | 69.0 | 55.8  | 83.6   |       |       |
| 39      | 41.8 | 29.5  | 44.3   |       |       |





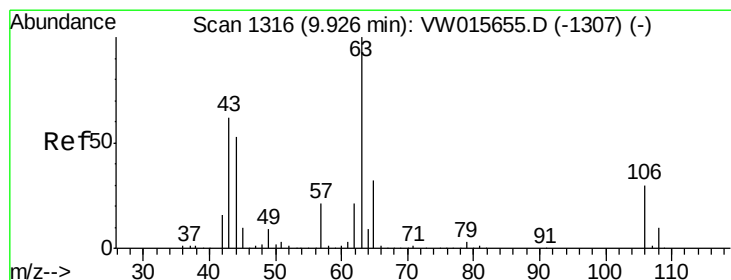
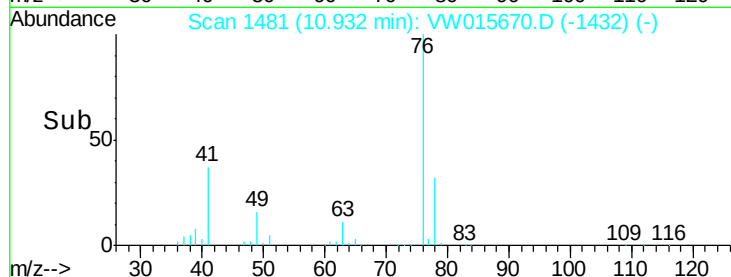
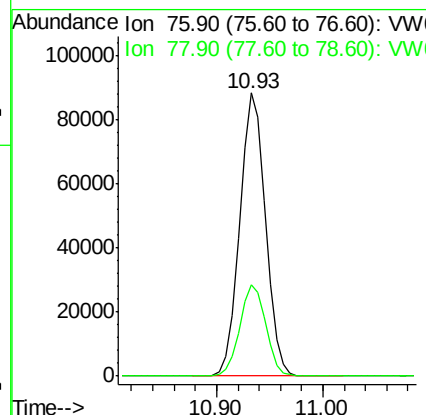
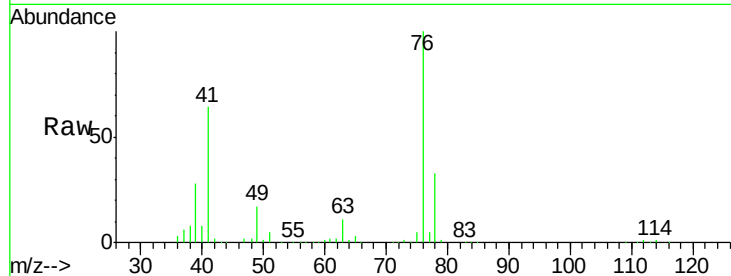
#57  
 1,3-Dichloropropane  
 Concen: 54.749 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 76 Resp: 149848  
 Ion Ratio Lower Upper  
 76 100  
 78 32.7 26.2 39.2

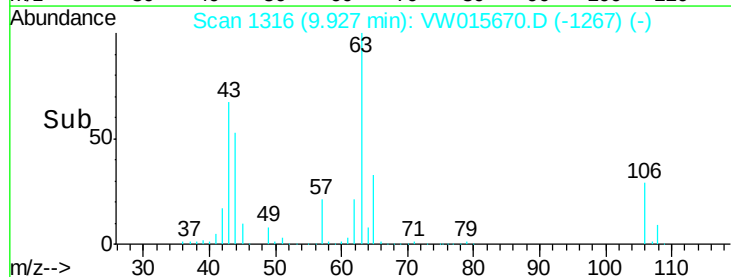
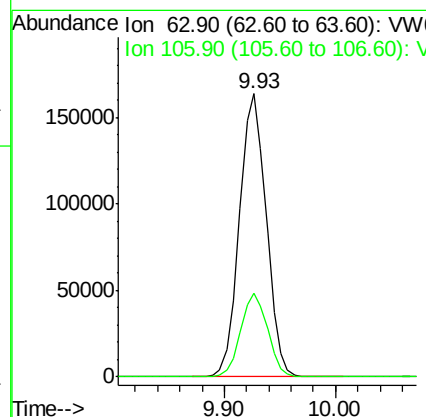
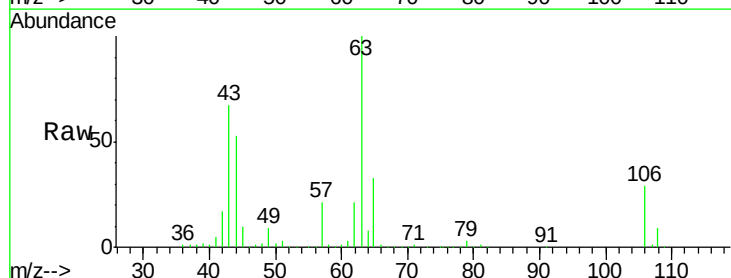
Manual Integrations  
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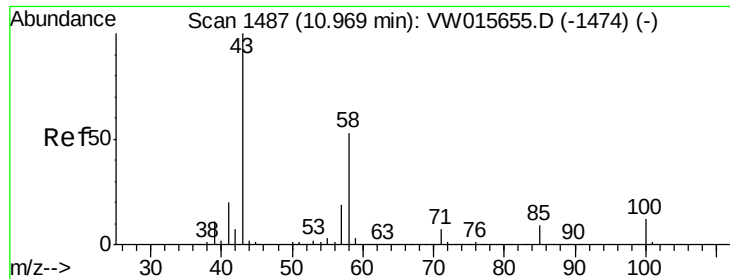
MMDadoda  
 6/24/2020 10:58:25 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 300.942 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Tgt Ion: 63 Resp: 273566  
 Ion Ratio Lower Upper  
 63 100  
 106 29.5 23.3 34.9





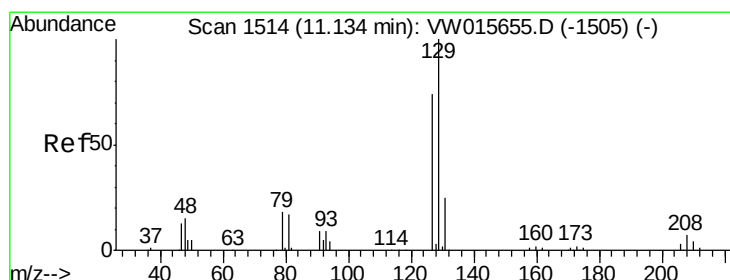
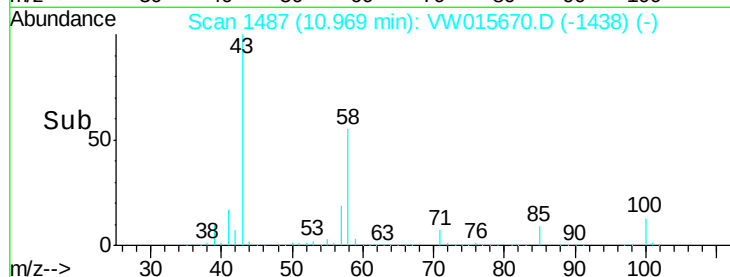
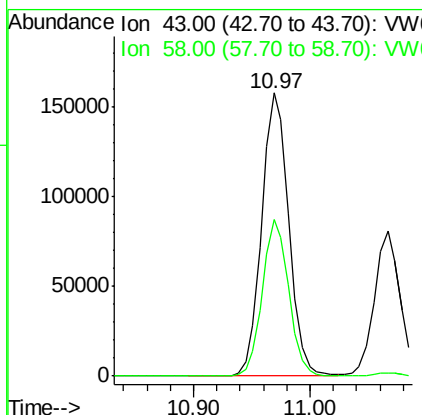
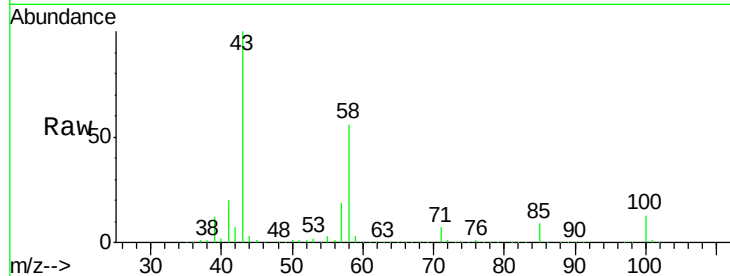
#59  
2-Hexanone  
Concen: 316.692 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 255817  
Ion Ratio Lower Upper  
43 100  
58 53.8 26.5 79.4

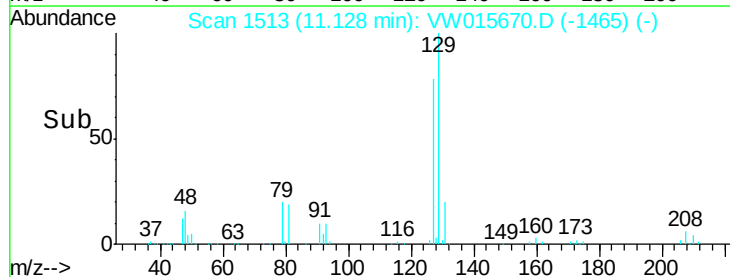
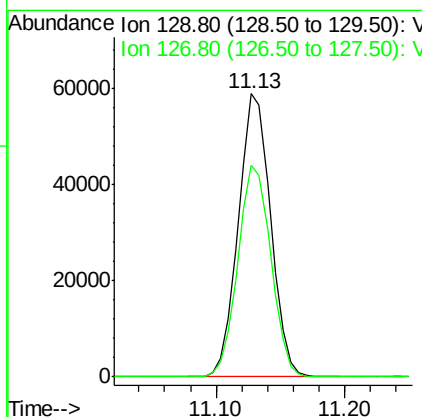
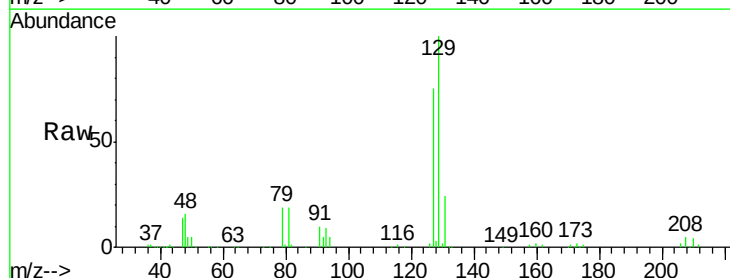
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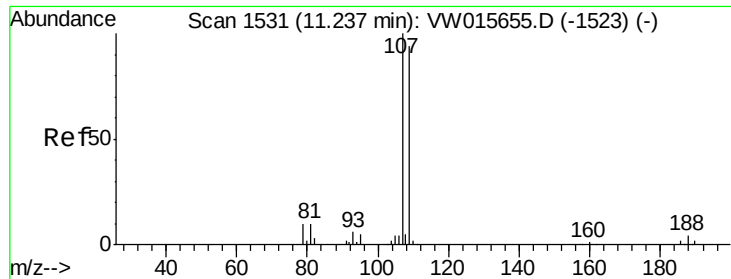
MMDadoda  
6/24/2020 10:58:25 AM



#60  
Dibromochloromethane  
Concen: 56.731 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.01 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Tgt Ion: 129 Resp: 102064  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.0 114.1





#61

1,2-Dibromoethane

Concen: 56.891 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 83955

Ion Ratio Lower Upper

107 100

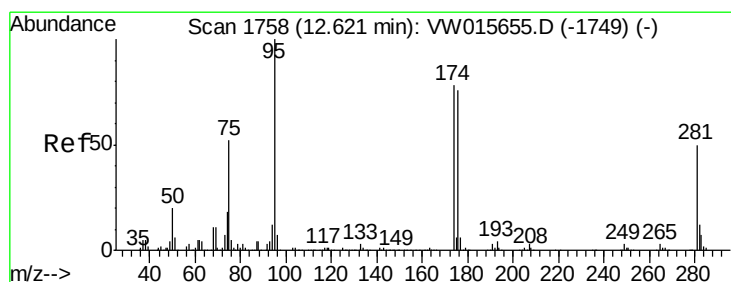
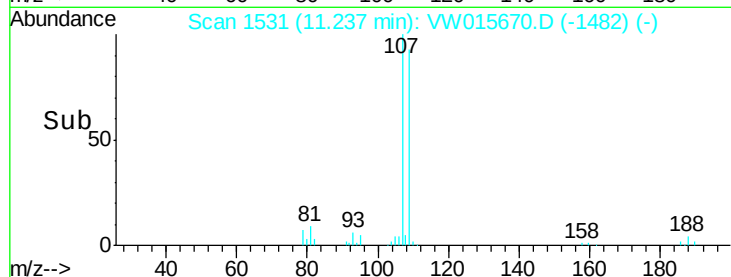
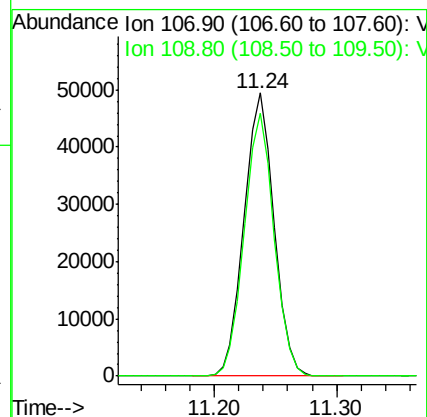
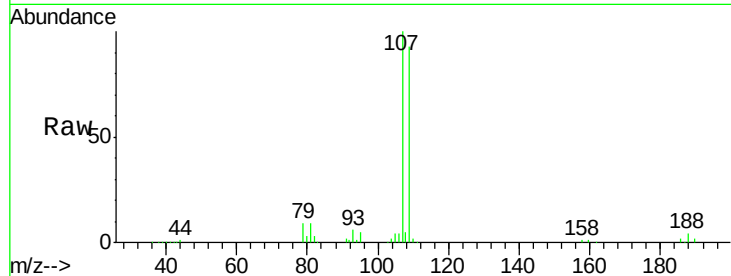
109 92.6 74.9 112.3

Manual Integrations

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MMDadoda

6/24/2020 10:58:25 AM



#62

4-Bromofluorobenzene

Concen: 54.452 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

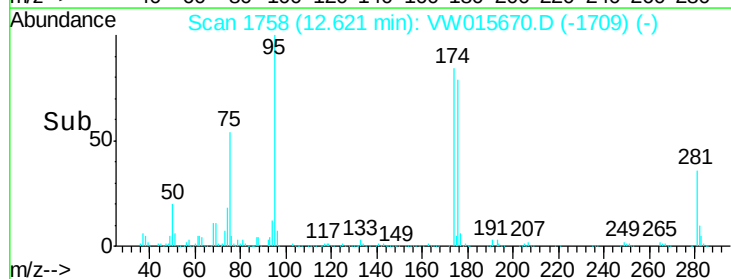
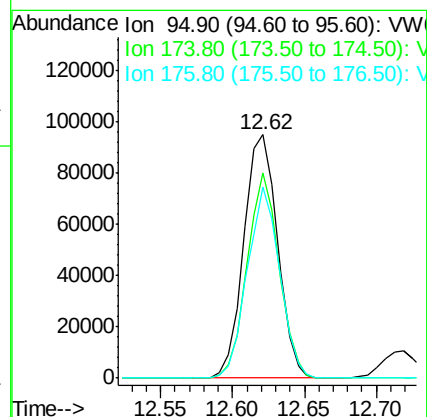
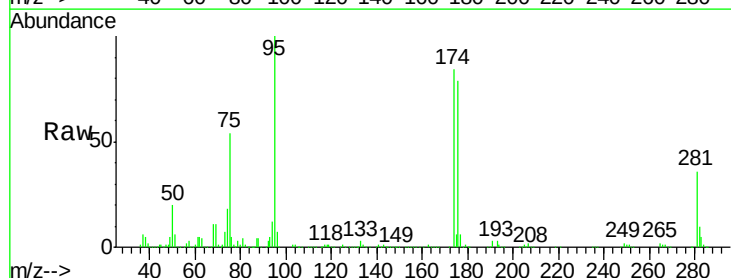
Tgt Ion: 95 Resp: 154115

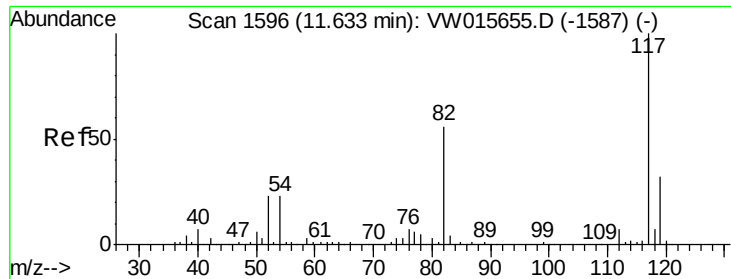
Ion Ratio Lower Upper

95 100

174 79.6 0.0 157.0

176 75.1 0.0 151.4





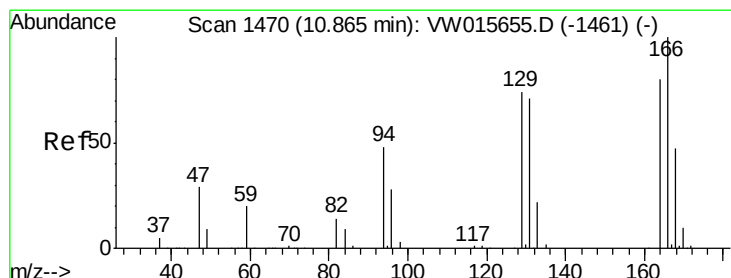
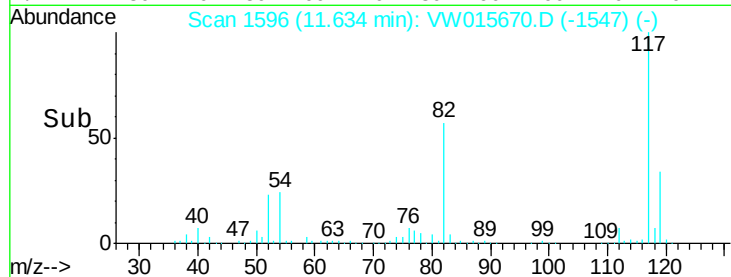
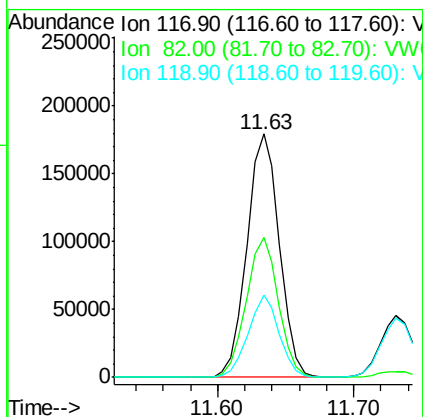
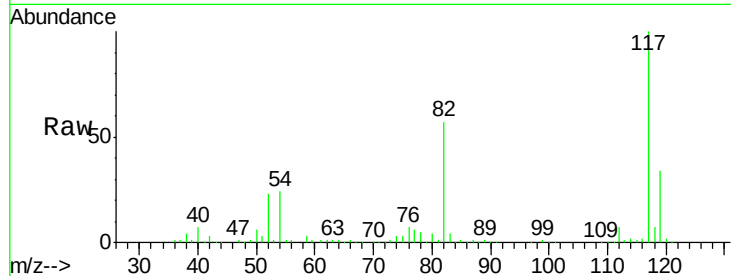
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.2  | 45.1  | 67.7  |
| 119     | 33.6  | 25.8  | 38.8  |

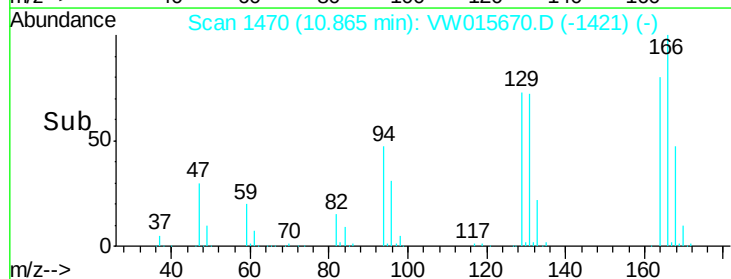
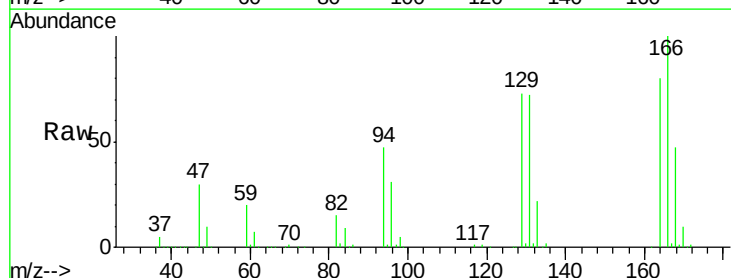
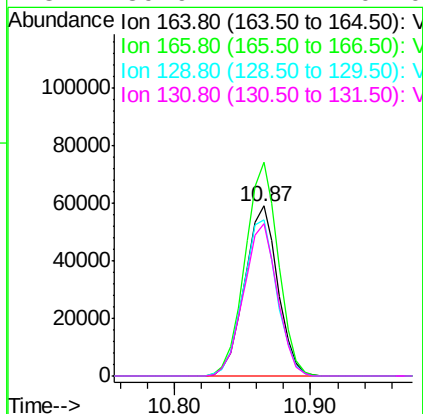
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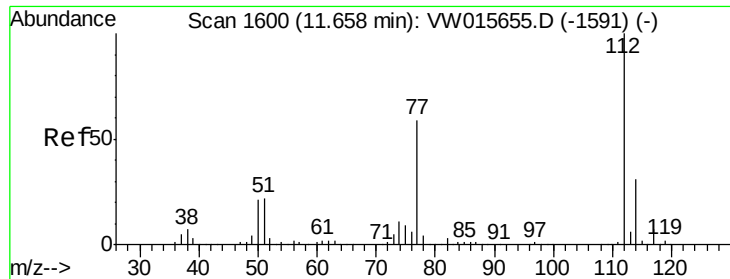
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#64  
Tetrachloroethene  
Concen: 47.927 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.5 | 99.9  | 149.9 |
| 129     | 91.9  | 74.2  | 111.2 |
| 131     | 89.9  | 71.4  | 107.0 |





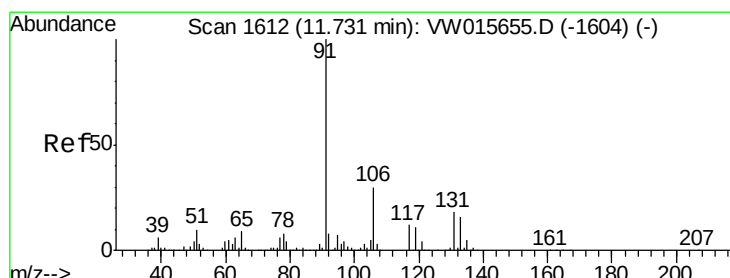
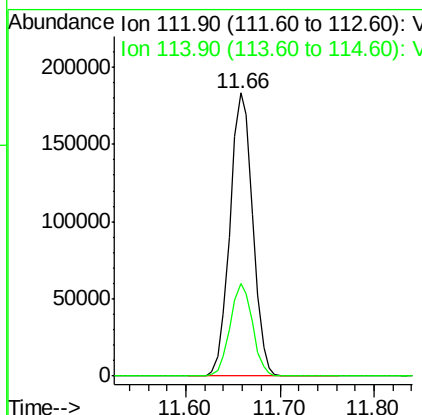
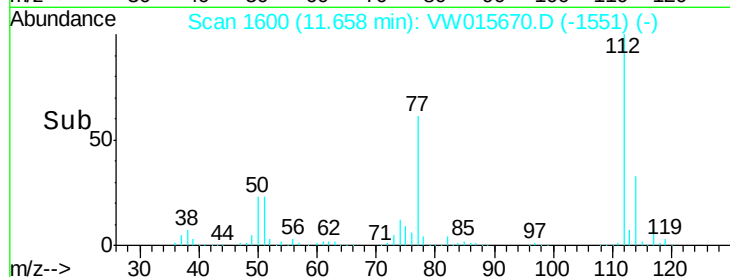
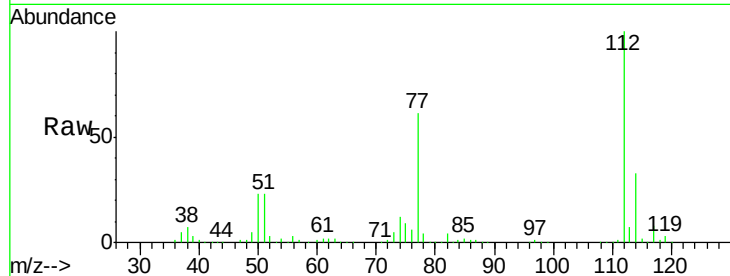
#65  
Chlorobenzene  
Concen: 48.637 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:112 Resp: 306444  
Ion Ratio Lower Upper  
112 100  
114 32.7 24.9 37.3

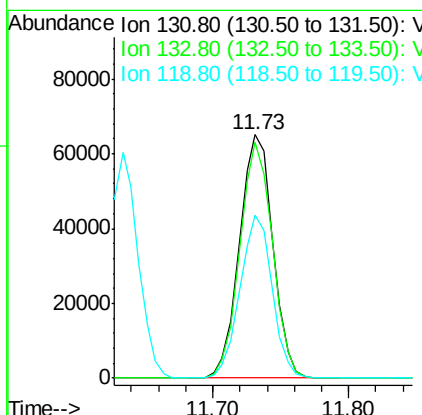
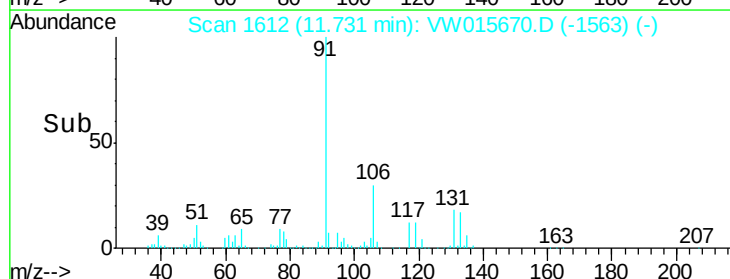
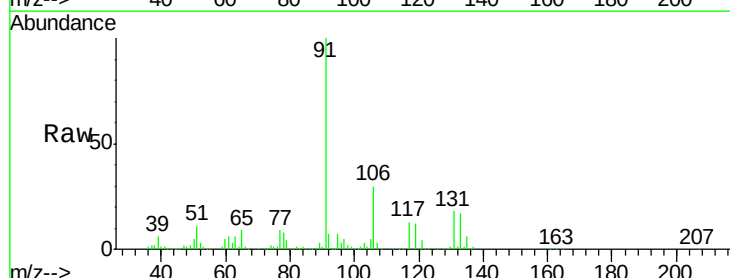
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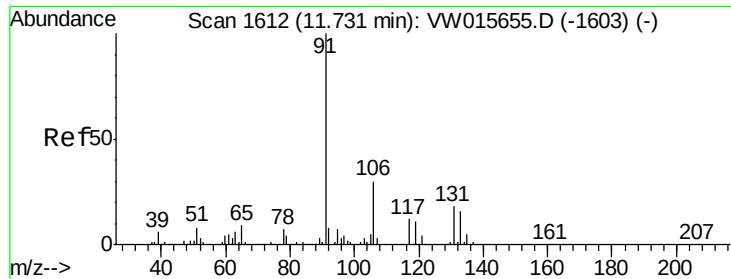
MMDadoda  
6/24/2020 10:58:25 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.523 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Tgt Ion:131 Resp: 111614  
Ion Ratio Lower Upper  
131 100  
133 94.7 46.5 139.5  
119 64.7 32.5 97.5





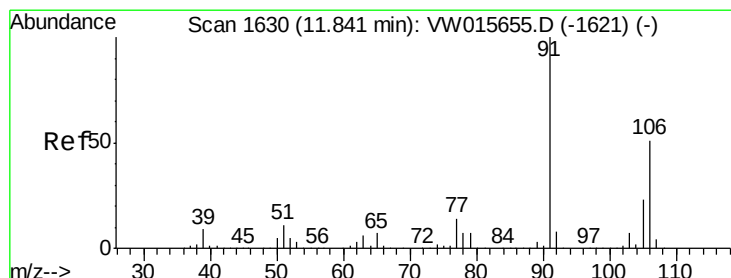
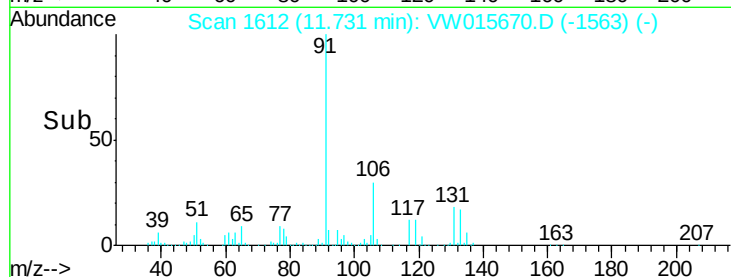
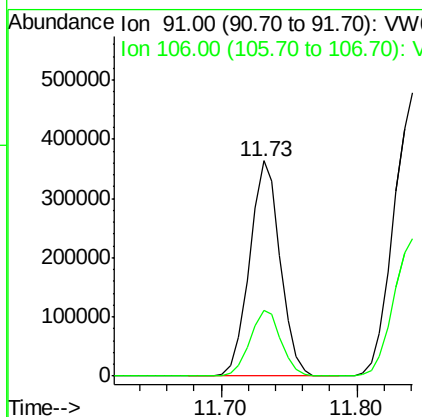
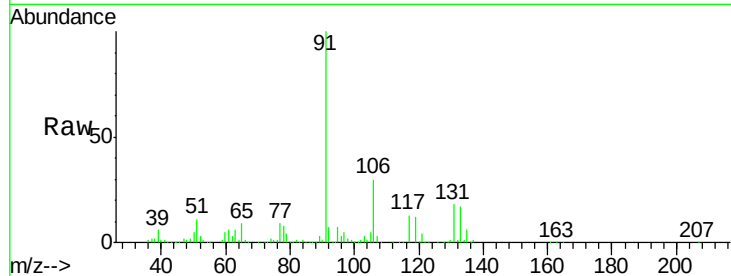
#67  
Ethyl Benzene  
Concen: 48.937 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 573829  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.1 36.1

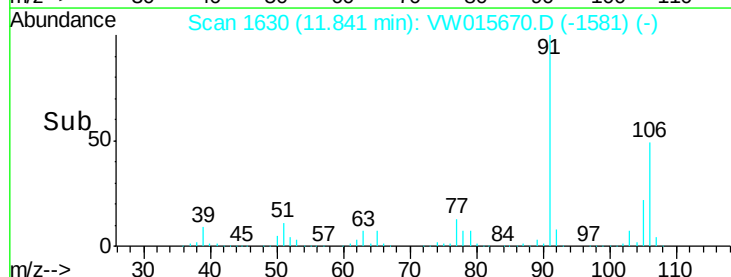
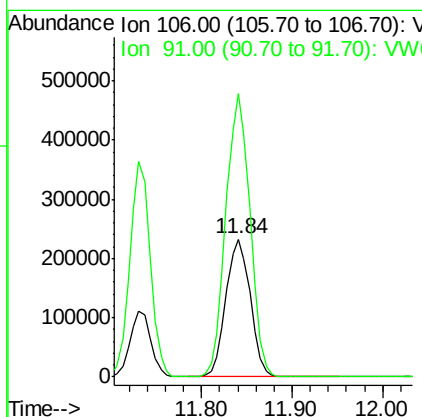
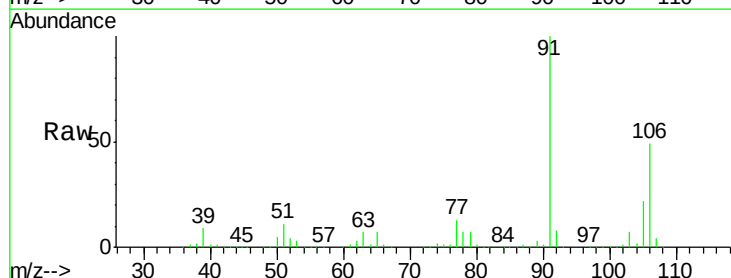
Manual Integrations  
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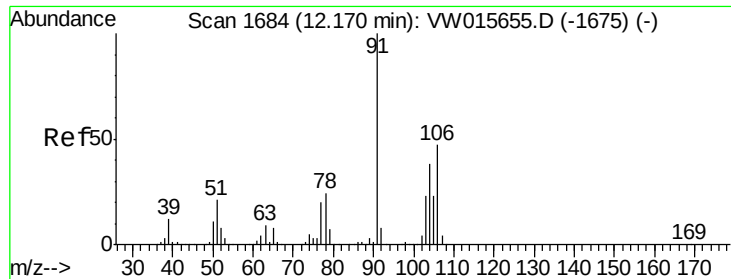
MMDadoda  
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#68  
m/p-Xylenes  
Concen: 98.539 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Tgt Ion: 106 Resp: 433871  
Ion Ratio Lower Upper  
106 100  
91 203.9 162.6 244.0





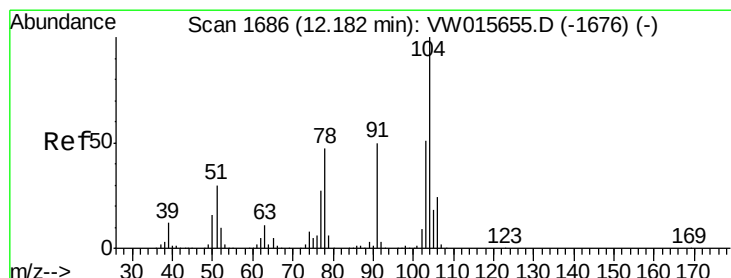
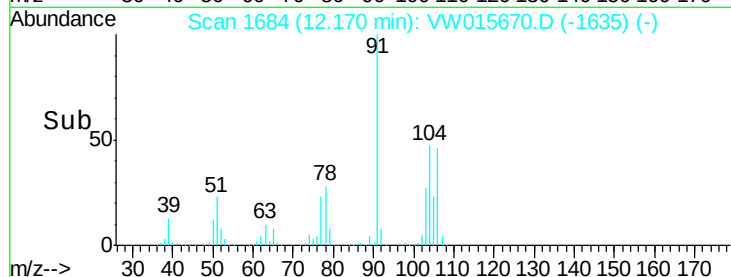
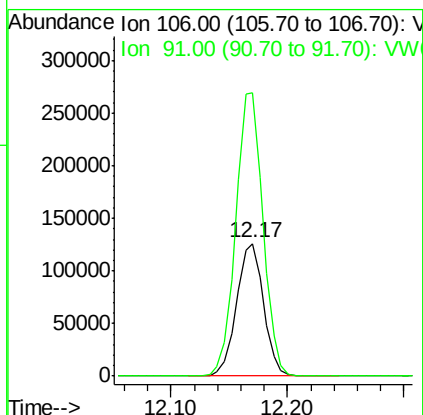
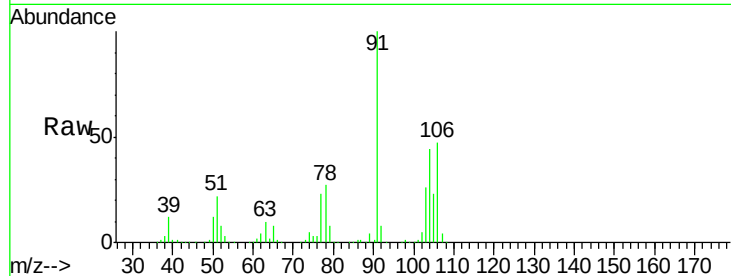
#69  
o-Xylene  
Concen: 50.145 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 203007 |       |       |
| 91      | 215.4 | 108.3 | 324.9  |       |       |

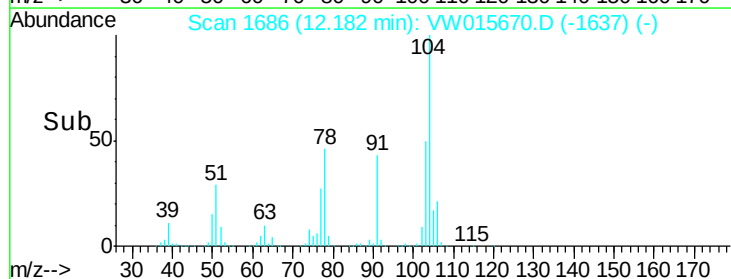
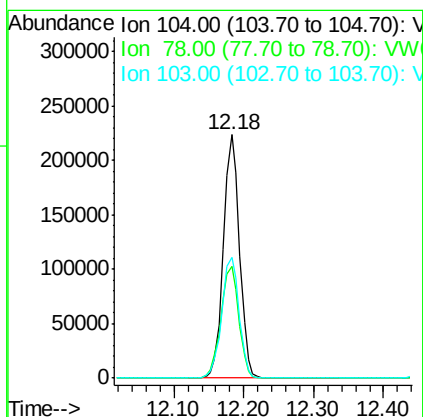
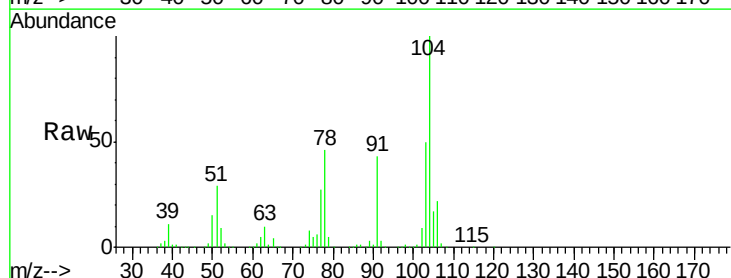
Manual Integrations  
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6/24/2020 10:58:25 AM

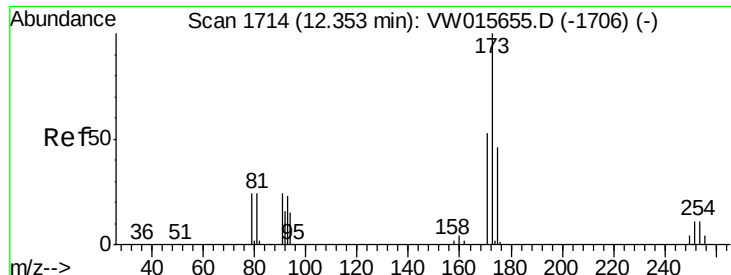


#70  
Styrene  
Concen: 51.719 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 357733 |       |       |
| 78      | 51.3 | 40.9  | 61.3   |       |       |
| 103     | 53.9 | 43.1  | 64.7   |       |       |







#71

Bromoform

Concen: 57.338 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 58282

Ion Ratio Lower Upper

173 100

175 46.8 23.5 70.6

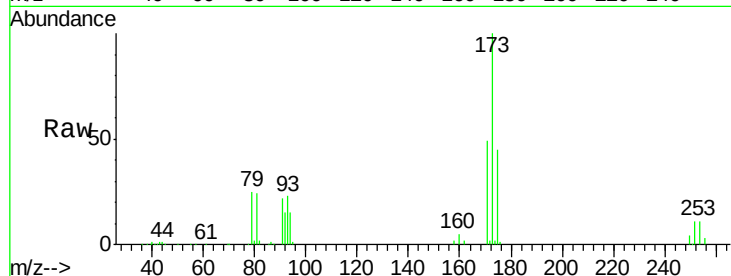
254 0.0 0.1 0.1#

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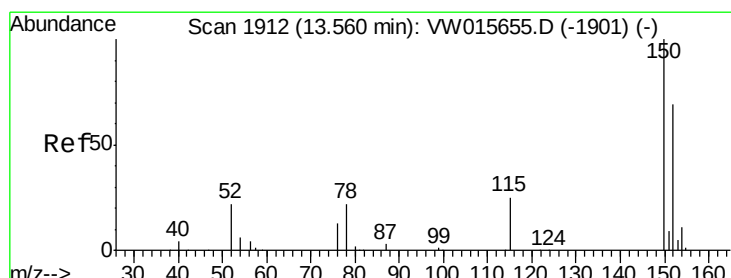
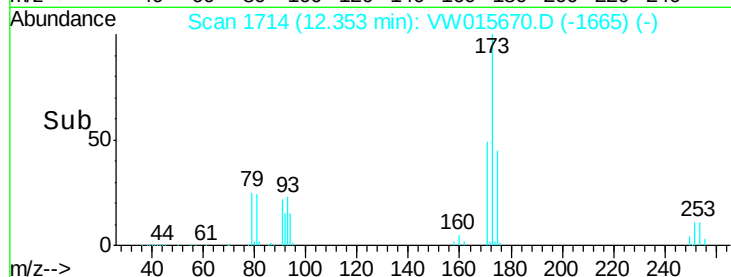
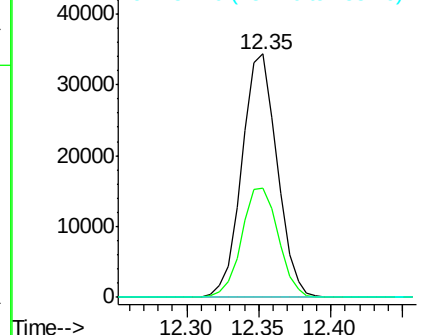
6/24/2020 10:58:25 AM



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: VW015670.D

Acq: 23 Jun 2020 18:57

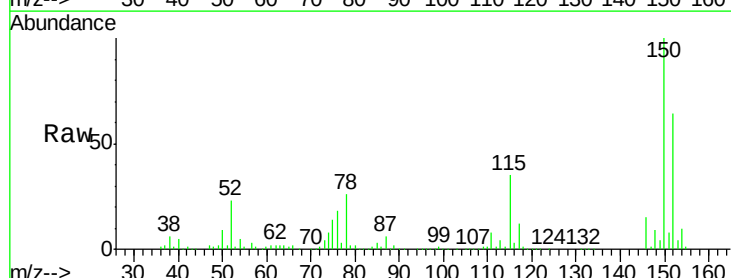
Tgt Ion:152 Resp: 153081

Ion Ratio Lower Upper

152 100

115 59.5 30.1 90.5

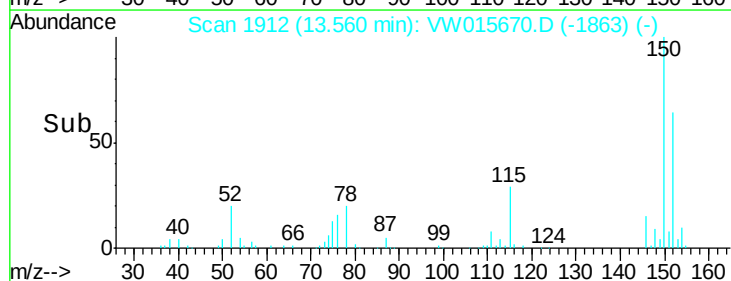
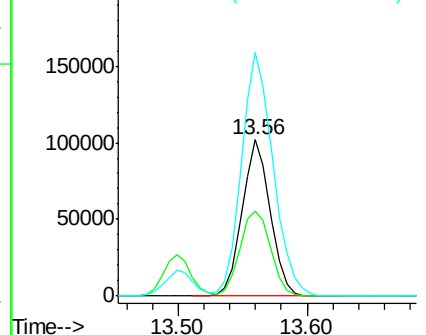
150 175.9 0.0 345.6

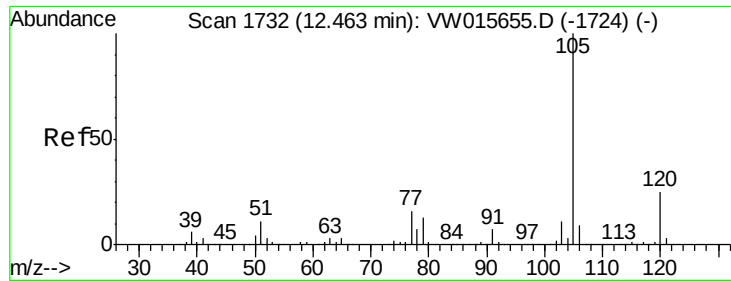


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





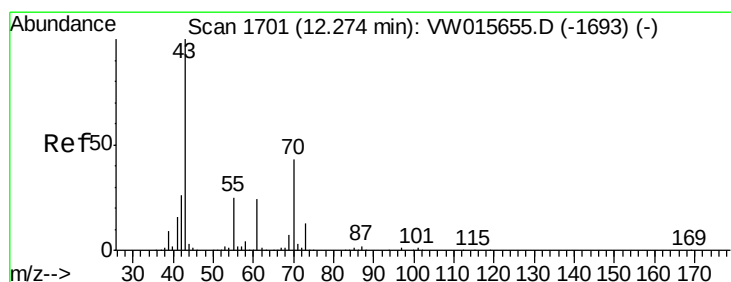
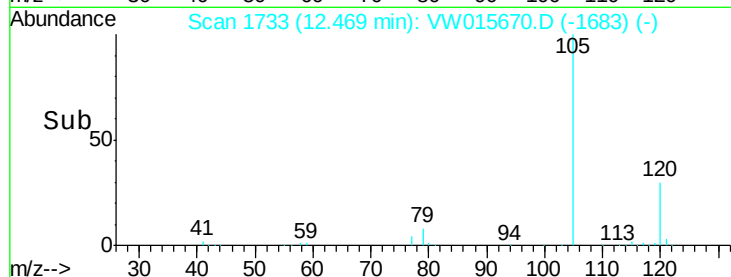
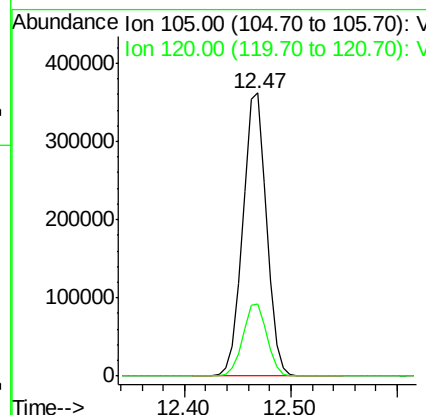
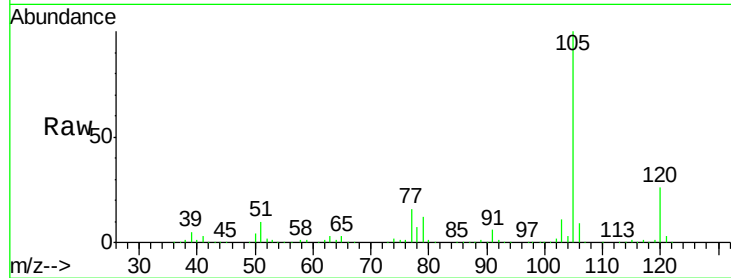
#73  
Isopropylbenzene  
Concen: 48.411 ug/l  
RT: 12.47 min Scan# 1733  
Delta R.T. 0.01 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.0  | 12.9  | 38.7  |

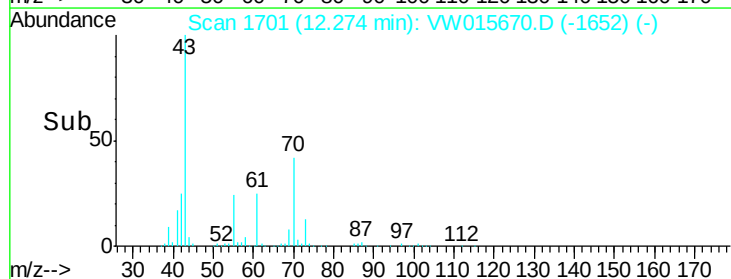
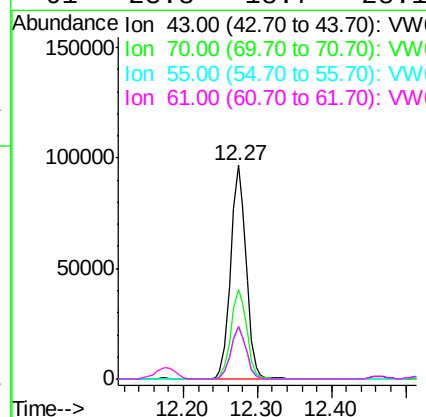
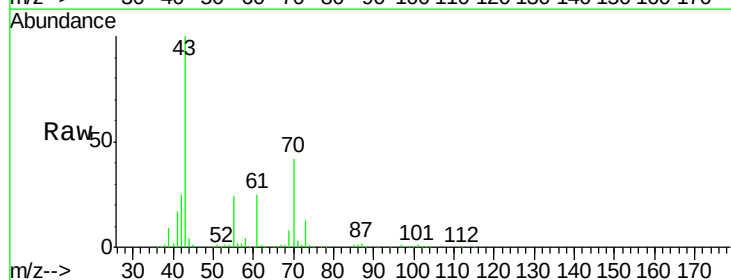
Manual Integrations  
APPROVED

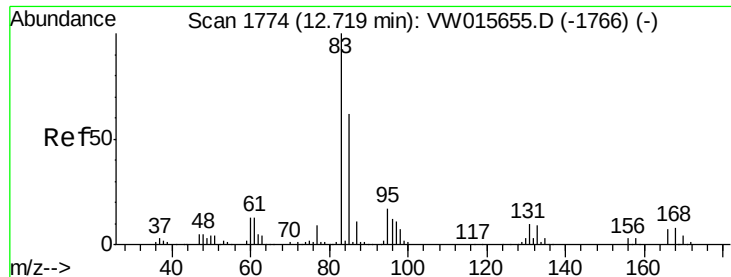
MMDadoda  
6/24/2020 10:58:25 AM



#74  
N-ethyl acetate  
Concen: 57.374 ug/l  
RT: 12.27 min Scan# 1701  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 42.4  | 33.6  | 50.4  |
| 55      | 24.7  | 19.7  | 29.5  |
| 61      | 23.8  | 18.7  | 28.1  |





#75

1,1,2,2-Tetrachloroethane

Concen: 54.876 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

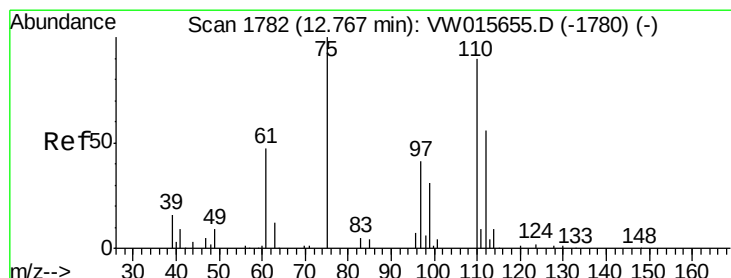
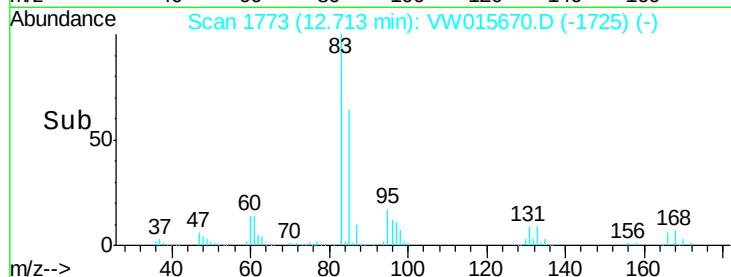
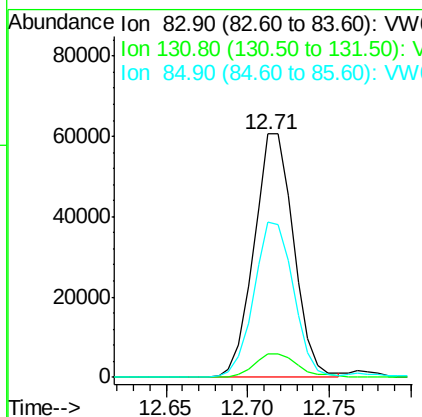
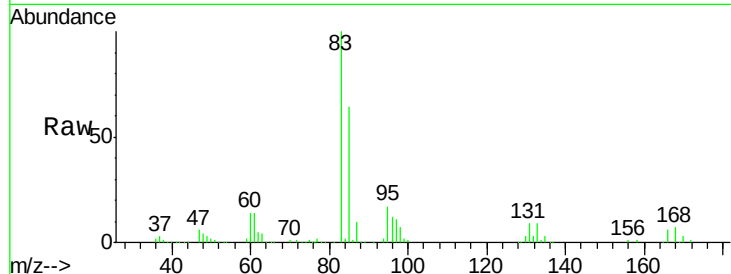
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 102518 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.7  | 5.5   | 16.4   |
| 85        | 63.9  | 31.9  | 95.7   |

Manual Integrations  
APPROVED

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6/24/2020 10:58:25 AM



#76

1,2,3-Trichloropropane

Concen: 53.639 ug/l m

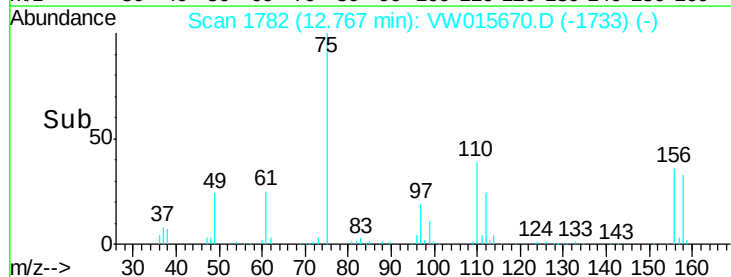
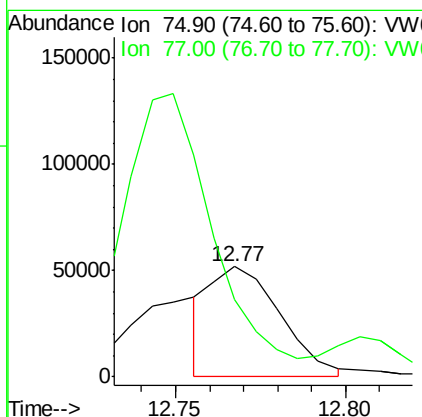
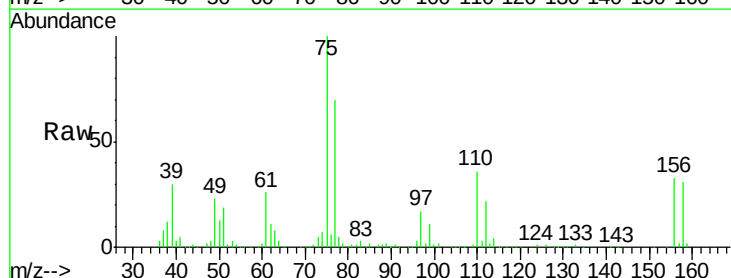
RT: 12.77 min Scan# 1782

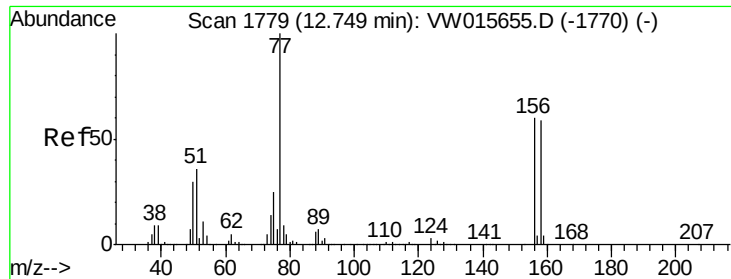
Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 74898 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 332.5 | 179.1 | 537.1 |





#77

Bromobenzene

Concen: 50.542 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

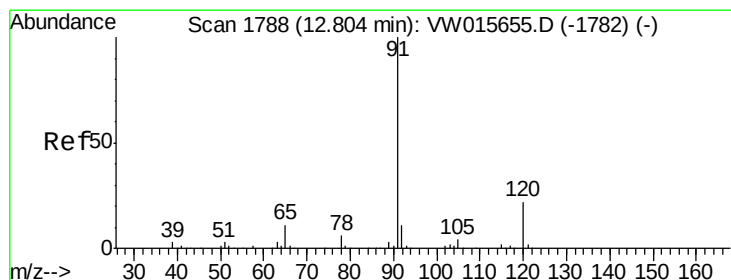
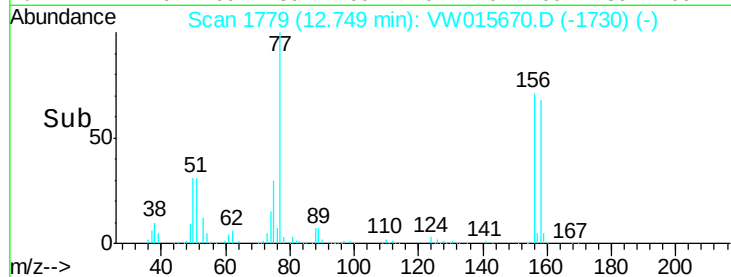
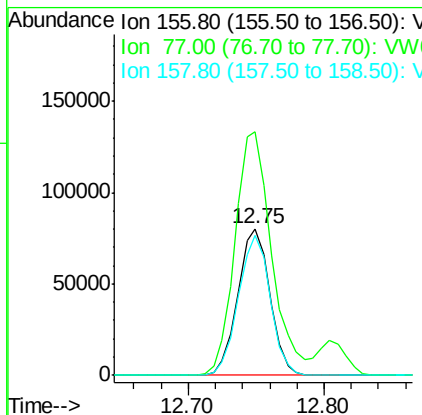
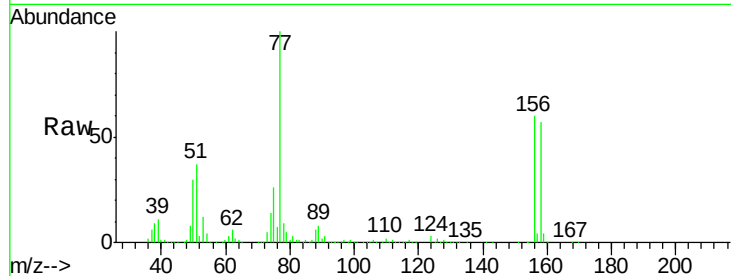
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 131606 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 189.2 | 94.5  | 283.5  |
| 158       | 94.7  | 47.9  | 143.6  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 48.411 ug/l

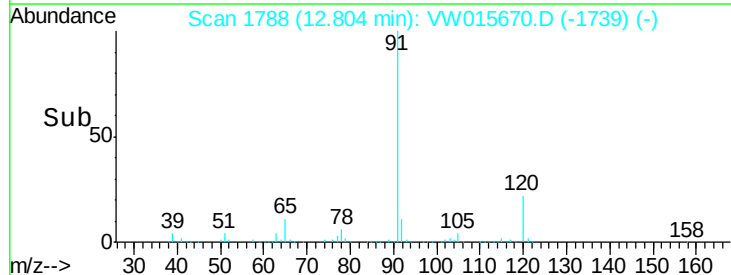
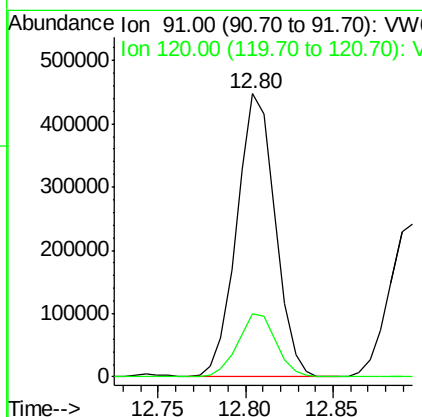
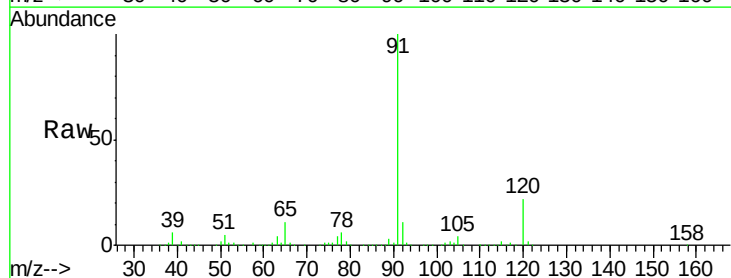
RT: 12.80 min Scan# 1788

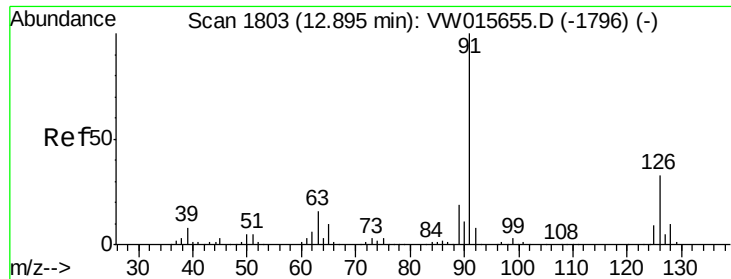
Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 680480 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.4  | 11.2  | 33.5   |





#79

2-Chlorotoluene

Concen: 49.018 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 387949

Ion Ratio Lower Upper

91 100

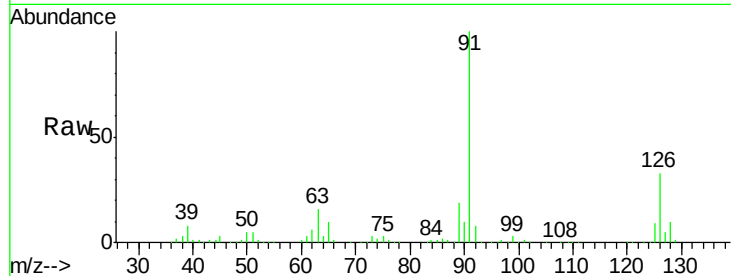
126 32.7 16.6 49.8

Manual Integrations

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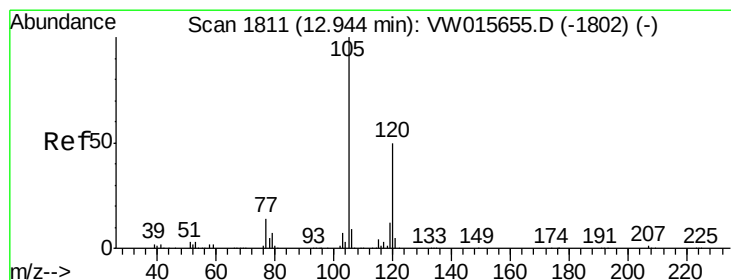
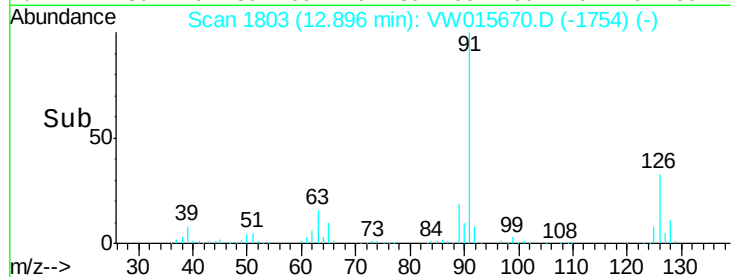
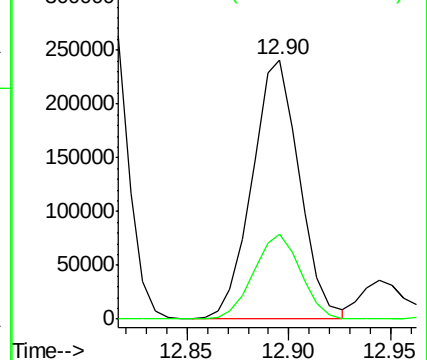
MMDadoda

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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: 49.435 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015670.D

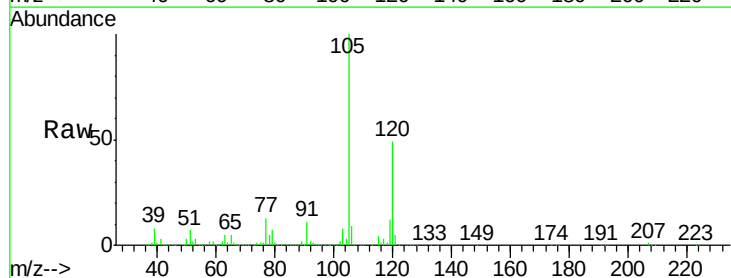
Acq: 23 Jun 2020 18:57

Tgt Ion: 105 Resp: 489154

Ion Ratio Lower Upper

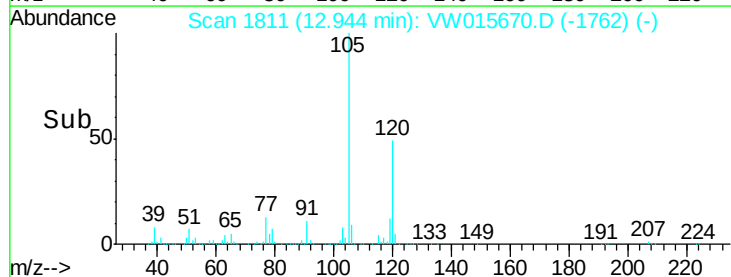
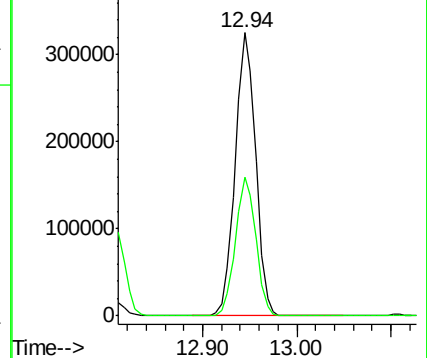
105 100

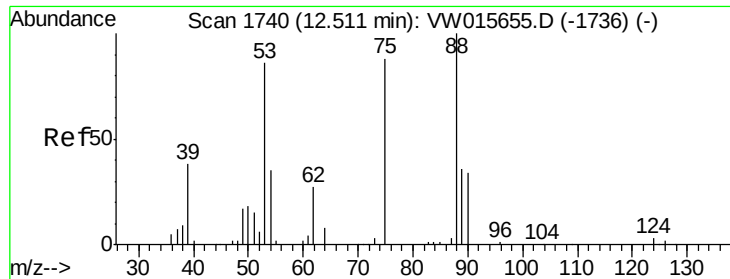
120 49.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





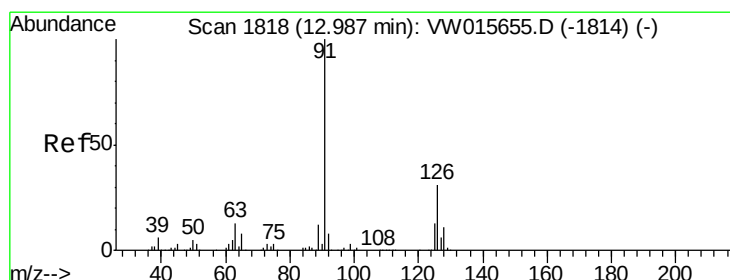
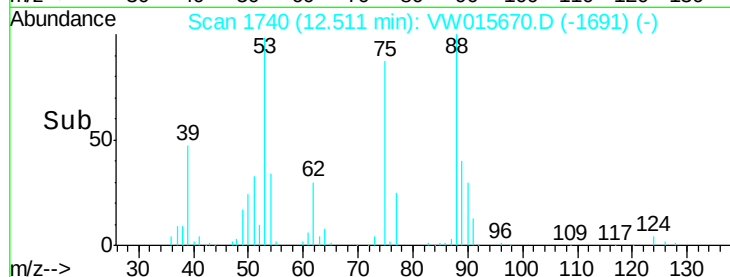
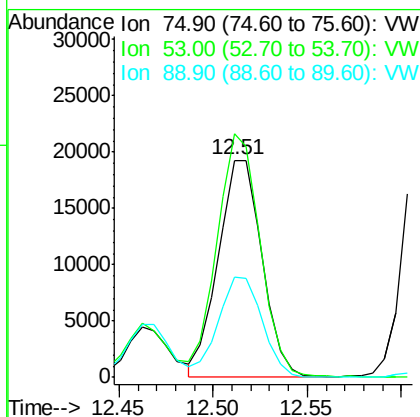
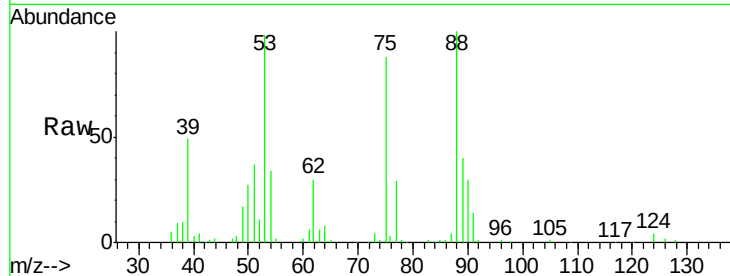
#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.678 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 111.1 | 83.8  | 125.8 |
| 89      | 46.7  | 36.6  | 55.0  |

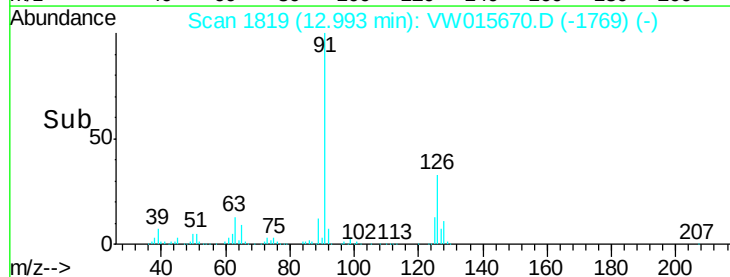
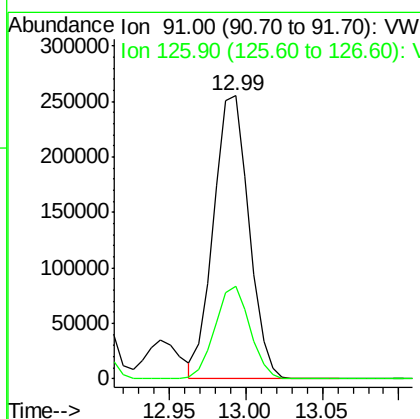
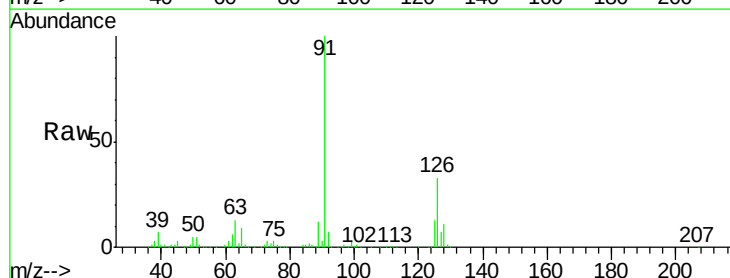
Manual Integrations  
APPROVED

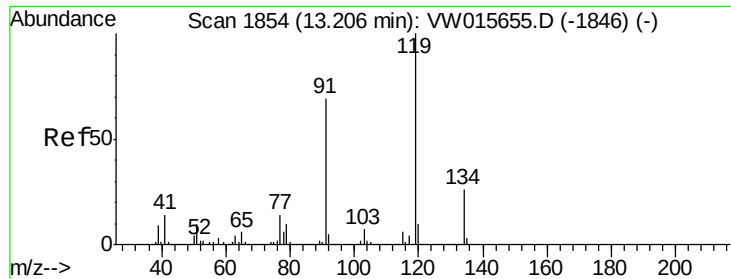
MMDadoda  
6/24/2020 10:58:25 AM



#82  
4-Chlorotoluene  
Concen: 48.901 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. 0.01 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.5  | 16.3  | 48.9  |





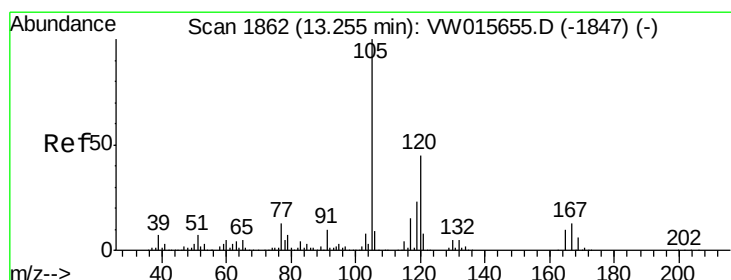
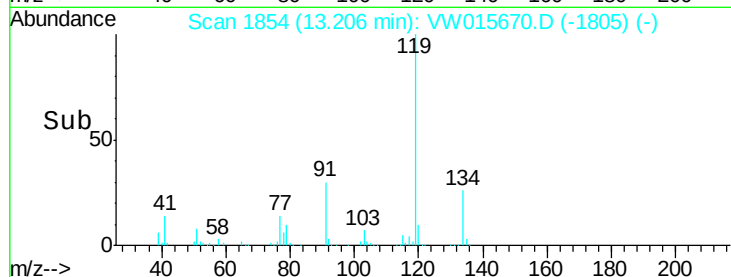
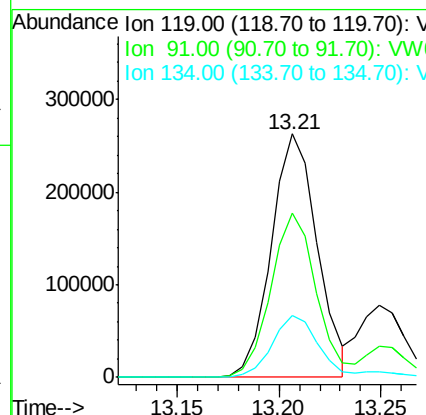
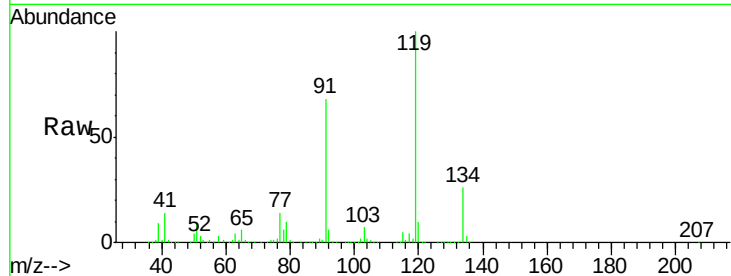
#83  
tert-Butylbenzene  
Concen: 49.168 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 67.4  | 34.7  | 104.1 |
| 134     | 25.5  | 13.8  | 41.4  |

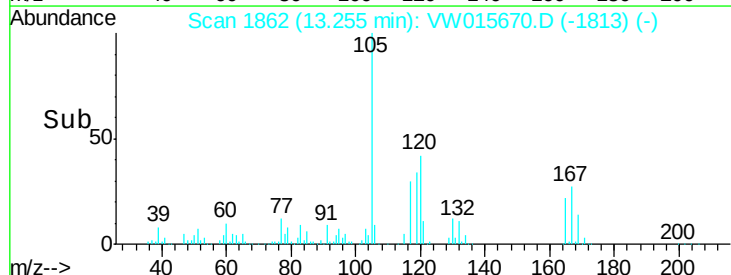
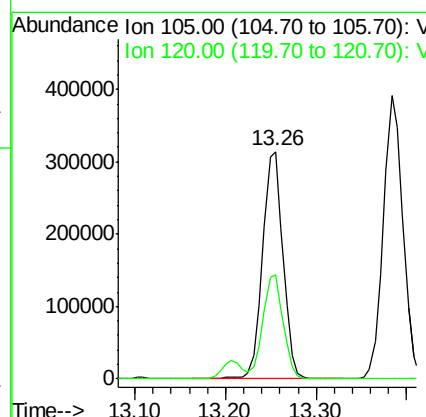
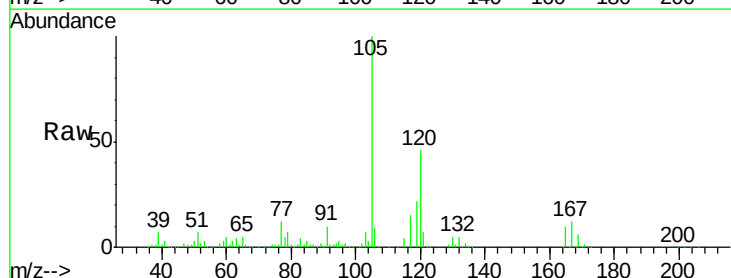
Manual Integrations  
APPROVED

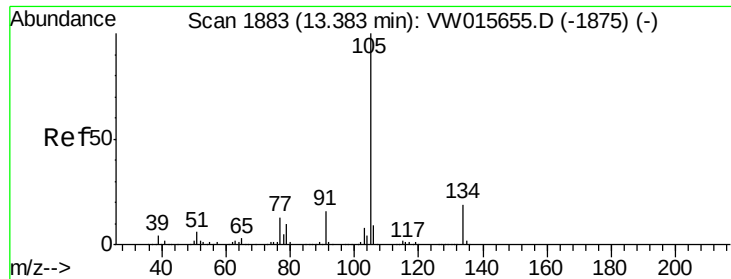
MMDadoda  
6/24/2020 10:58:25 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 49.690 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.5  | 22.8  | 68.3  |





#85

sec-Butylbenzene

Concen: 48.981 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 585244

Ion Ratio Lower Upper

105 100

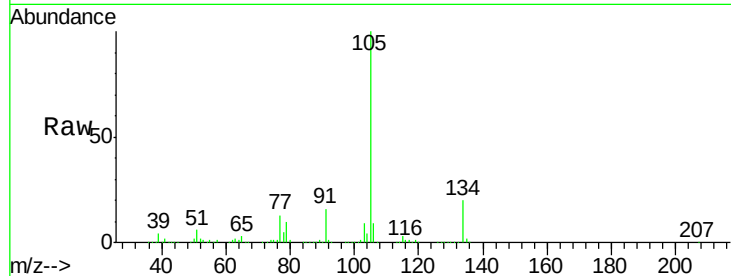
134 20.1 10.0 29.8

Manual Integrations

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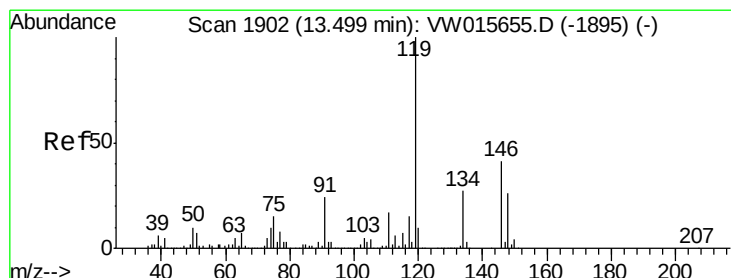
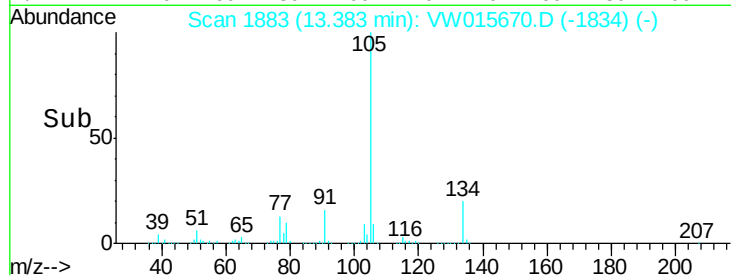
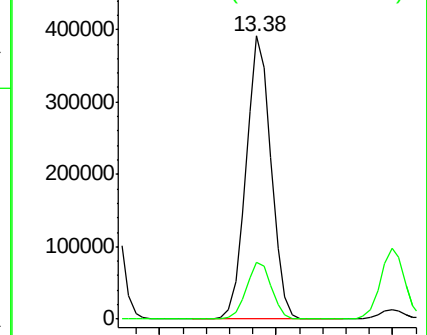
MMDadoda

6/24/2020 10:58:25 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.108 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

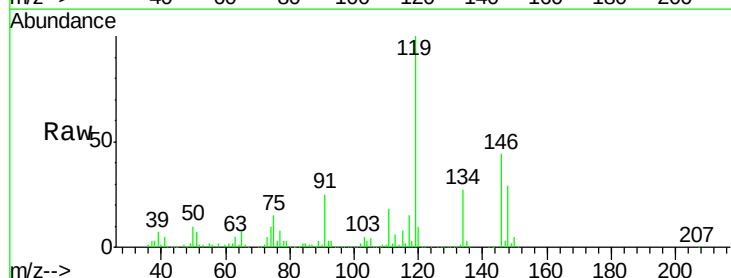
Tgt Ion:119 Resp: 533116

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

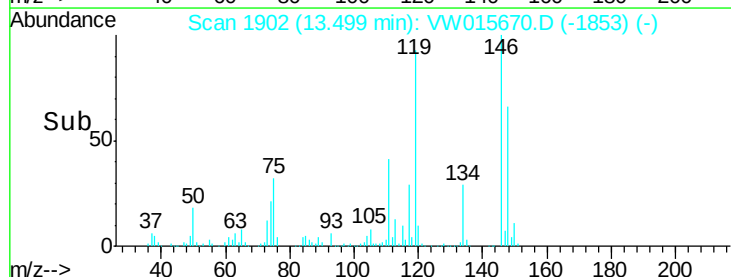
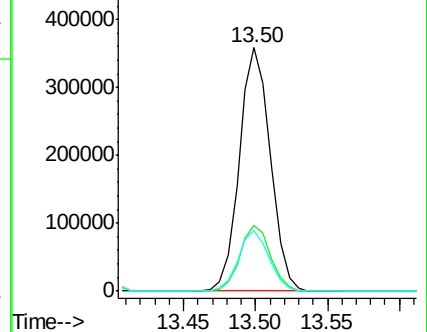
91 24.3 12.3 36.8



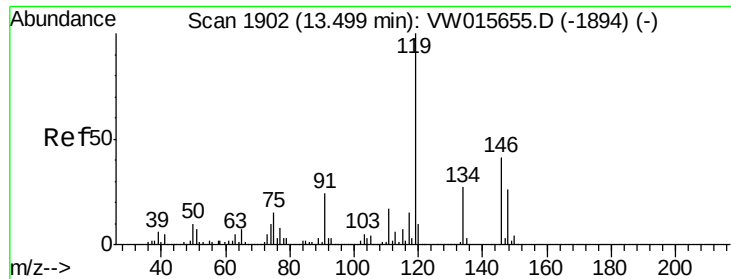
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V







#87

1,3-Dichlorobenzene

Concen: 49.123 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

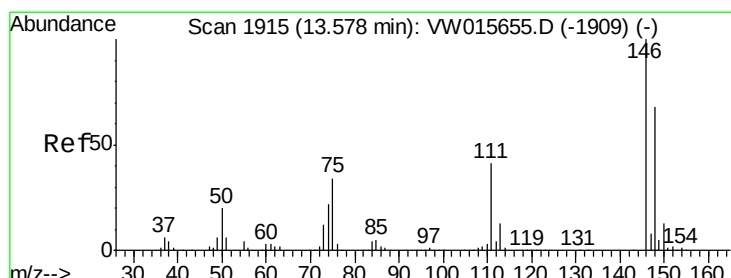
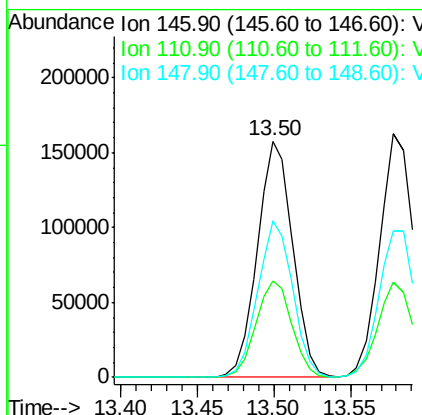
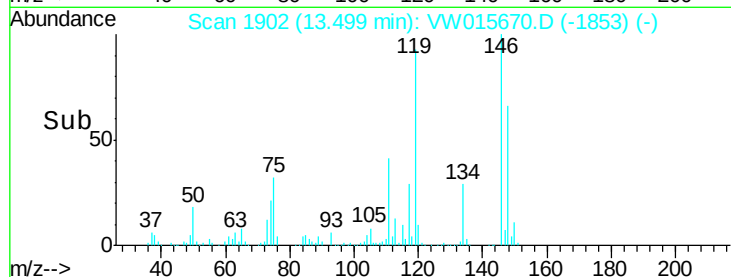
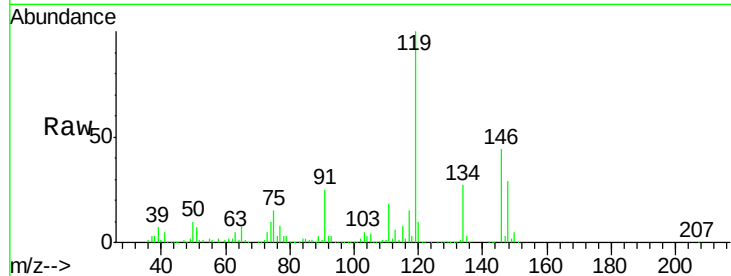
Instrument :  
MSVOA\_W

ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 253919 |       |       |
| 111     | 41.3  | 20.3   | 60.8  |       |
| 148     | 65.2  | 31.6   | 94.7  |       |

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#88

1,4-Dichlorobenzene

Concen: 49.245 ug/l

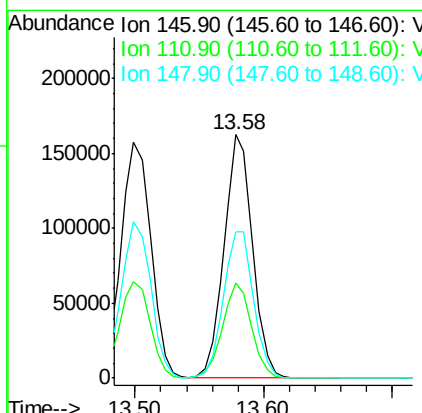
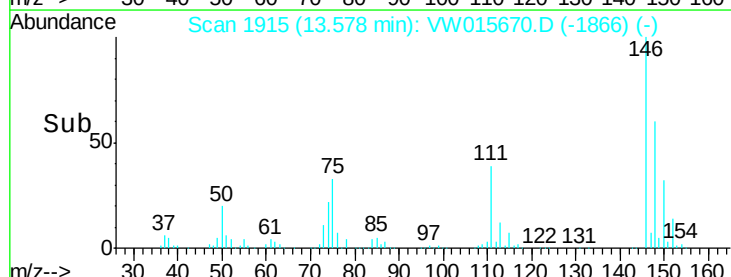
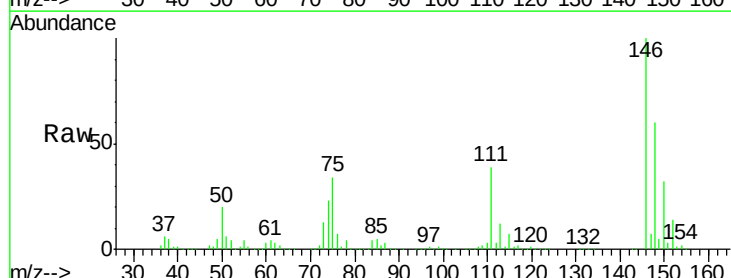
RT: 13.58 min Scan# 1915

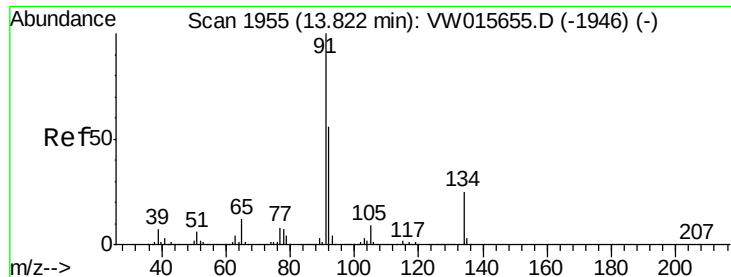
Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 252108 |       |       |
| 111     | 39.8  | 20.3   | 60.9  |       |
| 148     | 63.6  | 33.7   | 101.1 |       |





#89

n-Butylbenzene

Concen: 48.893 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

Instrument :

MSVOA\_W

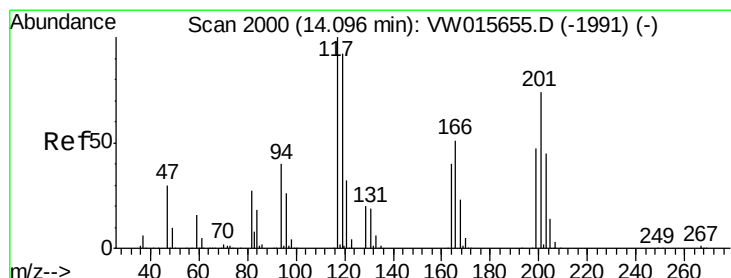
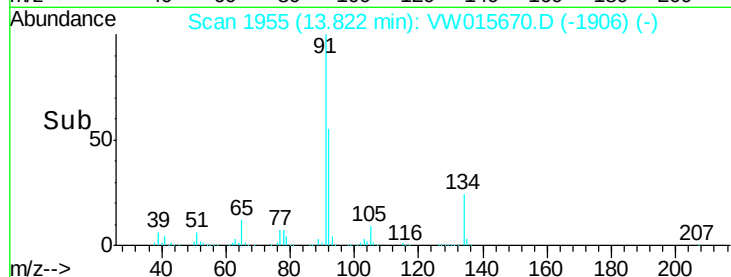
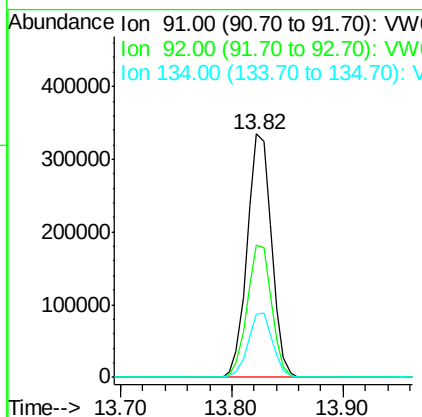
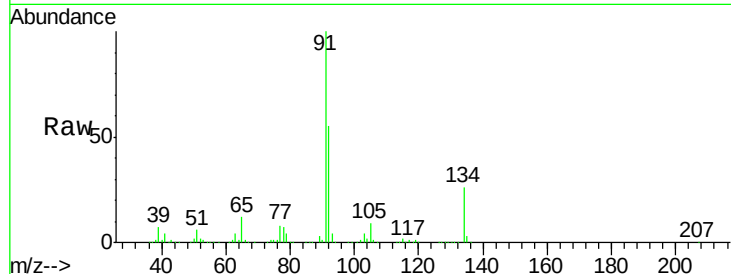
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 91    | Resp: | 509536 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 54.6  | 27.5  | 82.4   |
| 134      | 26.3  | 13.0  | 38.9   |

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#90

Hexachloroethane

Concen: 49.397 ug/l

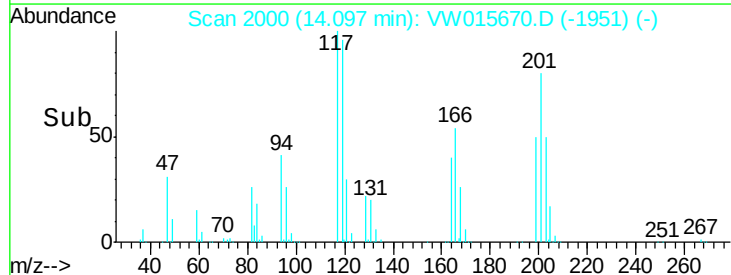
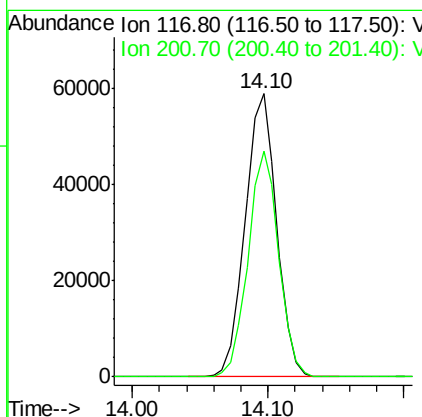
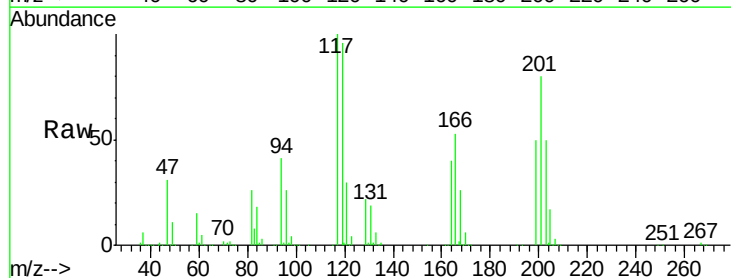
RT: 14.10 min Scan# 2000

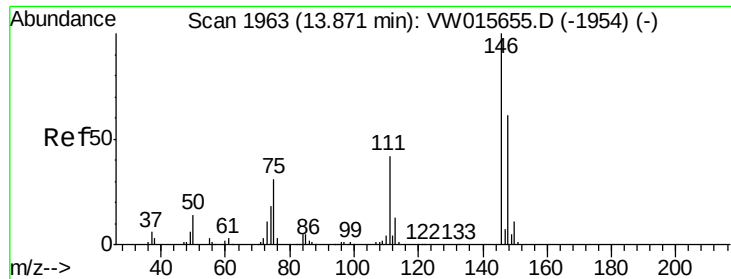
Delta R.T. 0.00 min

Lab File: VW015670.D

Acq: 23 Jun 2020 18:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 95432 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 78.0  | 37.1  | 111.5 |





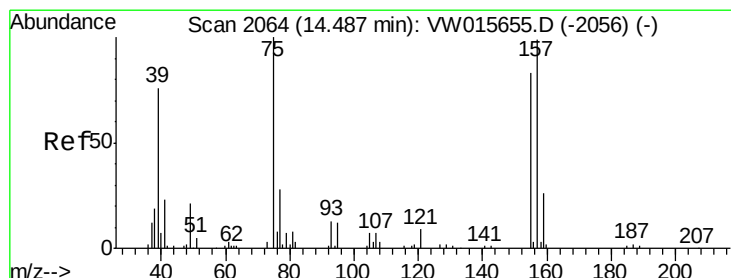
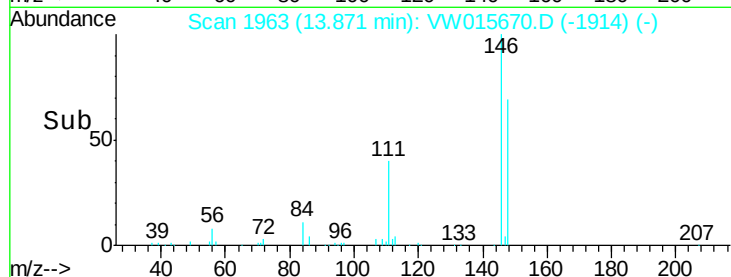
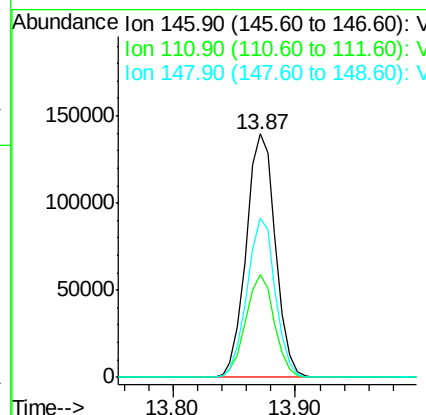
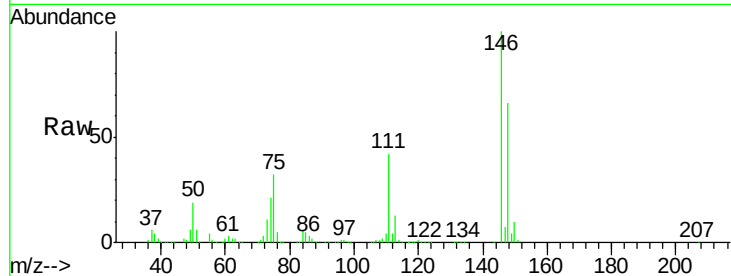
#91  
 1,2-Dichlorobenzene  
 Concen: 51.670 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.4  | 21.3  | 63.7  |
| 148     | 63.7  | 32.2  | 96.6  |

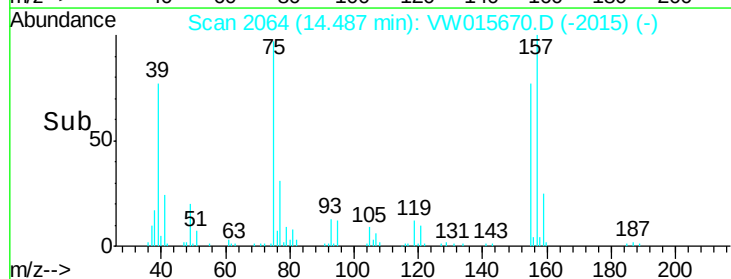
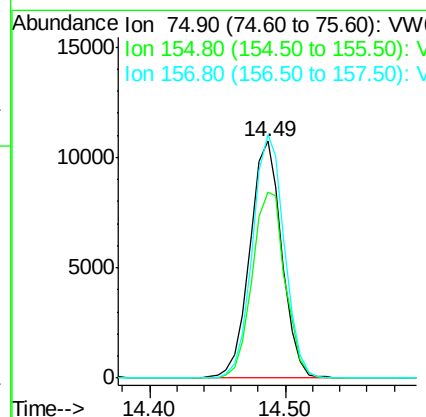
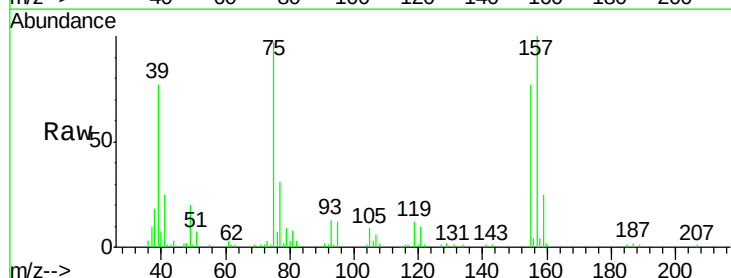
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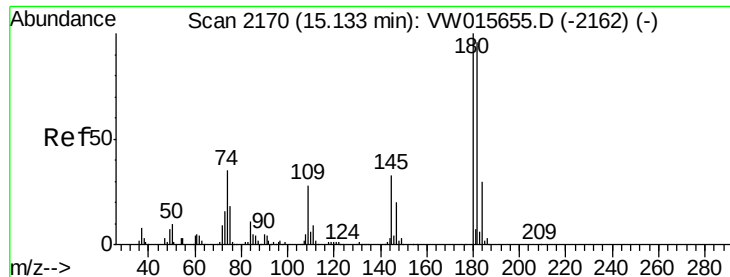
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 58.994 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 81.1  | 40.8  | 122.2 |
| 157     | 102.4 | 50.7  | 152.1 |





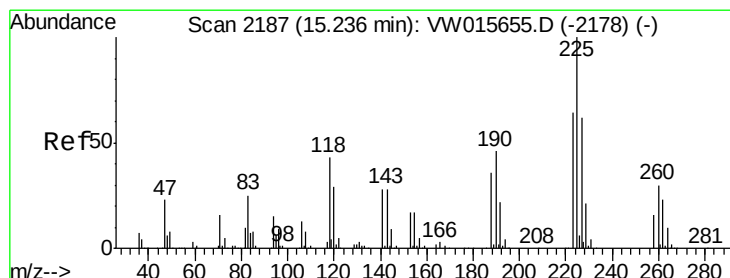
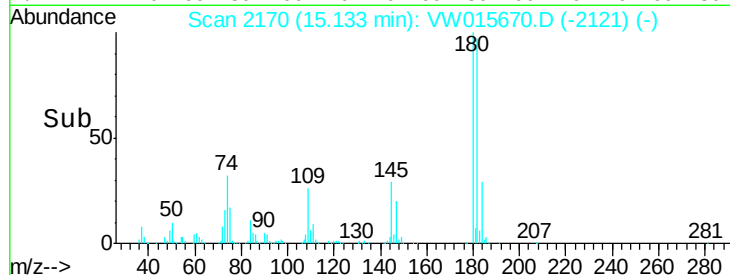
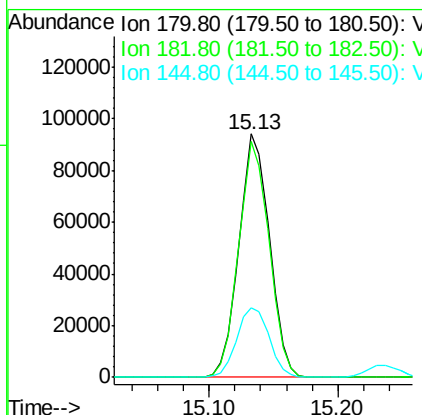
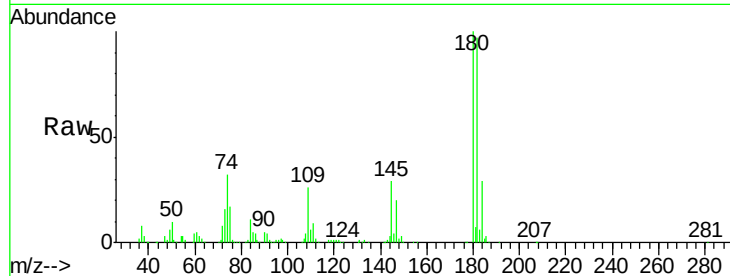
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.390 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. 0.00 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 154624 |       |       |
| 182     | 96.3  | 47.9   | 143.6 |       |
| 145     | 30.1  | 15.6   | 46.7  |       |

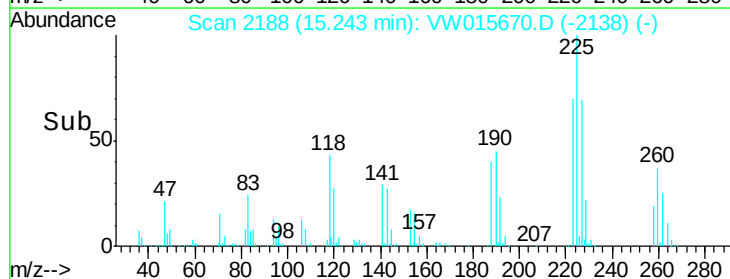
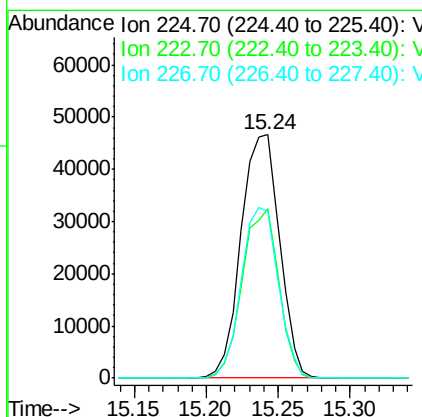
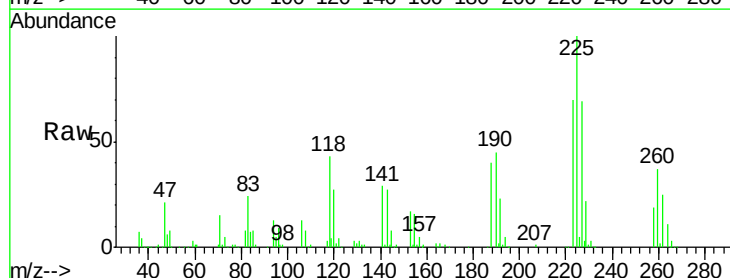
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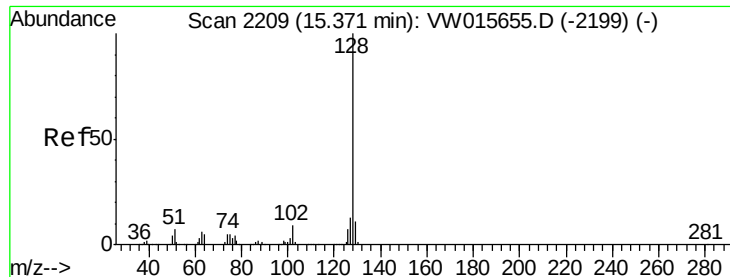
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#94  
 Hexachlorobutadiene  
 Concen: 45.922 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.01 min  
 Lab File: VW015670.D  
 Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 86344 |       |       |
| 223     | 65.9  | 31.0  | 93.0  |       |
| 227     | 67.4  | 31.9  | 95.9  |       |





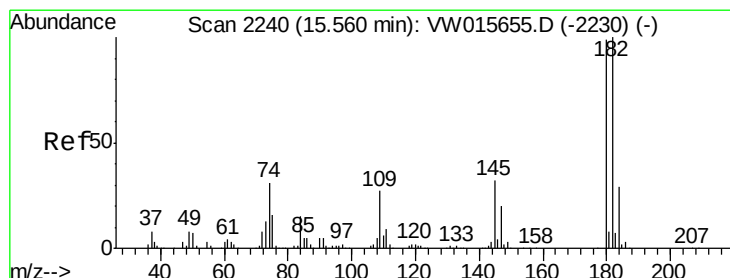
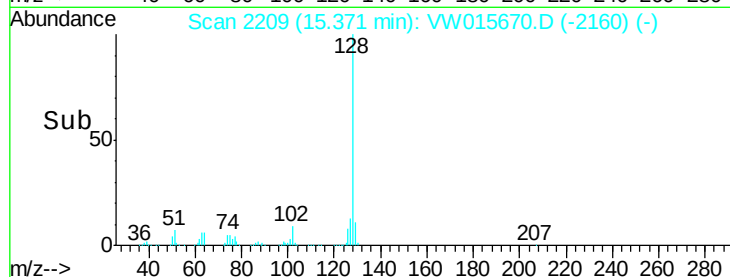
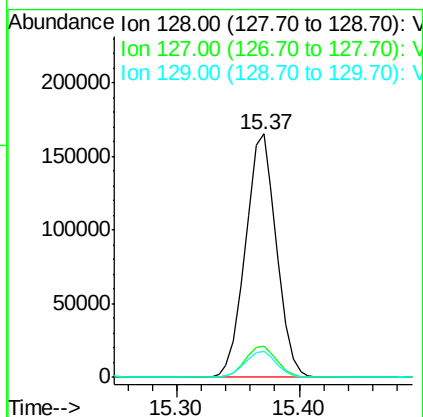
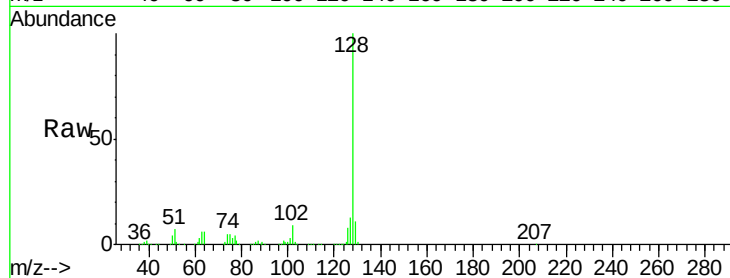
#95  
Naphthalene  
Concen: 59.406 ug/l  
RT: 15.37 min Scan# 2209  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.5  | 15.7  |
| 129     | 10.8  | 8.8   | 13.2  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 52.979 ug/l  
RT: 15.56 min Scan# 2240  
Delta R.T. 0.00 min  
Lab File: VW015670.D  
Acq: 23 Jun 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.4  | 49.0  | 147.0 |
| 145     | 32.6  | 16.4  | 49.2  |

