

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\  
 Data File : VW014607.D  
 Acq On : 10 Jan 2020 18:36  
 Operator : SY/VA  
 Sample : L1051-10MS  
 Misc : 6.29G/5ML/MSVOA W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-3H-(8.5-10.5)MS

Manual Integrations  
 APPROVED

MMDadoda  
 1/13/2020 12:01:43 PM

Quant Time: Jan 13 03:15:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010320S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 03 16:07:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 788126   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 1191767  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 1052102  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 510696   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.30   | 65  | 392693   | 56.99 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.98% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 10450    | 1.53  | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 3.06%   |      |
| 50) Toluene-d8            | 10.32  | 98  | 1603938  | 56.43 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 112.86% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 545184   | 56.55 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.10% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 224162  | 50.374  | ug/l | 98     |
| 3) Chloromethane              | 2.21 | 50  | 261044  | 47.926  | ug/l | 97     |
| 4) Vinyl Chloride             | 2.36 | 62  | 434267  | 54.206  | ug/l | 98     |
| 5) Bromomethane               | 2.77 | 94  | 274936  | 55.554  | ug/l | 96     |
| 6) Chloroethane               | 2.92 | 64  | 258225  | 56.544  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 199761  | 49.836  | ug/l | 96     |
| 8) Diethyl Ether              | 3.67 | 74  | 239668  | 60.094  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 416062  | 55.553  | ug/l | 99     |
| 10) Methyl Iodide             | 4.27 | 142 | 641638  | 56.781  | ug/l | 100    |
| 11) Tert butyl alcohol        | 5.16 | 59  | 140283  | 265.457 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 483784  | 61.683  | ug/l | 98     |
| 13) Acrolein                  | 3.89 | 56  | 19119   | 31.790  | ug/l | 93     |
| 14) Allyl chloride            | 4.66 | 41  | 677568  | 56.533  | ug/l | 99     |
| 15) Acrylonitrile             | 5.36 | 53  | 523248  | 287.029 | ug/l | 99     |
| 16) Acetone                   | 4.11 | 43  | 597130  | 306.896 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.39 | 76  | 1221685 | 51.681  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 633332  | 65.052  | ug/l | 99     |
| 20) Methylene Chloride        | 4.92 | 84  | 480500  | 62.154  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 474500  | 56.977  | ug/l | 98     |
| 22) Diisopropyl ether         | 6.31 | 45  | 1332121 | 59.381  | ug/l | 95     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 830273  | 58.673  | ug/l | 98     |
| 25) 2-Butanone                | 7.17 | 43  | 739020  | 295.966 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 7.16 | 77  | 412954  | 52.709  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.16 | 96  | 519283  | 59.342  | ug/l | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 331259  | 59.710  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.52 | 42  | 434910  | 281.151 | ug/l | 99     |
| 30) Chloroform                | 7.67 | 83  | 792971  | 59.924  | ug/l | 98     |
| 31) Cyclohexane               | 7.95 | 56  | 755483  | 51.372  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 611592  | 57.466  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 643278  | 55.990  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.06 | 117 | 553292  | 55.509  | ug/l | 100    |
| 39) Methylcyclohexane         | 9.33 | 83  | 774341  | 52.519  | ug/l | 97     |
| 40) Benzene                   | 8.32 | 78  | 1892230 | 58.210  | ug/l | 99     |
| 41) Methacrylonitrile         | 7.48 | 41  | 164432  | 56.610  | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\  
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 Sample : L1051-10MS  
 Misc : 6.29G/5ML/MSVOA W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-3H-(8.5-10.5)MS

Manual Integrations  
 APPROVED

MMDadoda  
 1/13/2020 12:01:43 PM

Quant Time: Jan 13 03:15:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010320S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 03 16:07:20 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 490978   | 58.201  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.42  | 43   | 182280   | 19.264  | ug/l # | 74       |
| 44) Trichloroethene            | 9.09  | 130  | 922089   | 104.829 | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 474093   | 59.433  | ug/l   | 98       |
| 46) Dibromomethane             | 9.46  | 93   | 231753   | 58.851  | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.64  | 83   | 569314   | 58.558  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.43  | 41   | 13776    | 2.982   | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 71878    | 975.897 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 1445649  | 294.209 | ug/l   | 99       |
| 52) Toluene                    | 10.38 | 92   | 1194878  | 58.428  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 593318   | 58.941  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 716485   | 58.238  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 301105   | 52.354  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.64 | 69   | 112826   | 15.095  | ug/l # | 84       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 601187   | 59.476  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 702194   | 308.901 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.96 | 43   | 1049828  | 310.054 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 380832   | 58.687  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 319035   | 58.439  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.86 | 164  | 735671   | 96.585  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.65 | 112  | 1221057  | 56.650  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 414991   | 57.183  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 2178673  | 56.088  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.84 | 106  | 1667686  | 112.177 | ug/l   | 100      |
| 69) o-Xylene                   | 12.16 | 106  | 781881   | 56.937  | ug/l   | 100      |
| 70) Styrene                    | 12.18 | 104  | 1373036  | 59.113  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 225161   | 56.880  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.46 | 105  | 2095991  | 55.934  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 22132    | 2.634   | ug/l # | 92       |
| 76) 1,2,3-Trichloropropane     | 12.76 | 75   | 280170m  | 58.024  | ug/l   |          |
| 77) Bromobenzene               | 12.74 | 156  | 508740   | 58.454  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.80 | 91   | 2447438  | 55.543  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 1415506  | 56.450  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 1723512  | 54.779  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 118423   | 54.644  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 1452269  | 55.745  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.20 | 119  | 1485331  | 53.920  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 1742663  | 55.658  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.38 | 105  | 2072049  | 54.342  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.49 | 119  | 1894381  | 54.507  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.49 | 146  | 939518   | 55.514  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.57 | 146  | 937010   | 56.081  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.82 | 91   | 1718937  | 53.260  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.09 | 117  | 323711   | 53.317  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 856939   | 57.609  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.48 | 75   | 52318    | 48.846  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene     | 15.13 | 180  | 587665   | 58.503  | ug/l   | 99       |
| 94) Hexachlorobutadiene        | 15.23 | 225  | 315380   | 46.850  | ug/l   | 99       |
| 95) Naphthalene                | 15.36 | 128  | 1107302  | 64.636  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene     | 15.55 | 180  | 511411   | 58.408  | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\  
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Operator : SY/VA  
Sample : L1051-10MS  
Misc : 6.29G/5ML/MSVOA W/SOIL  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

Manual Integrations  
APPROVED

MMDadoda  
1/13/2020 12:01:43 PM

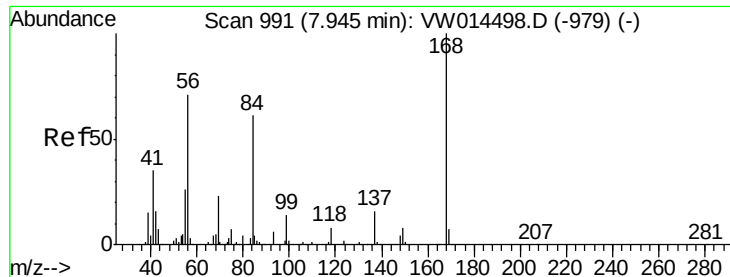
Quant Time: Jan 13 03:15:45 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010320S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 03 16:07:20 2020  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

|       |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|
| ----- |  |  |  |  |  |  |
| ----- |  |  |  |  |  |  |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion:168 Resp: 788126

Ion Ratio Lower Upper

168 100

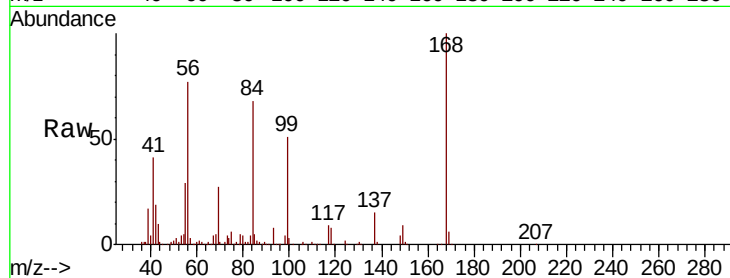
99 51.1 41.1 61.7

Manual Integrations

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1/13/2020 12:01:43 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

300000

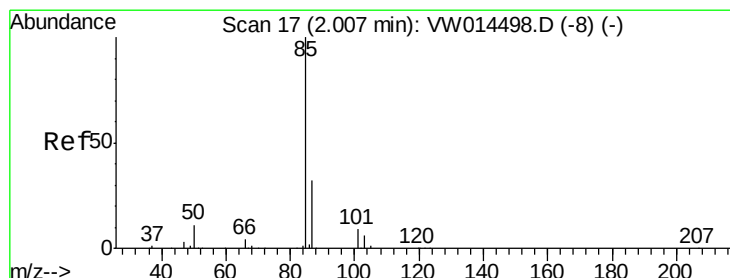
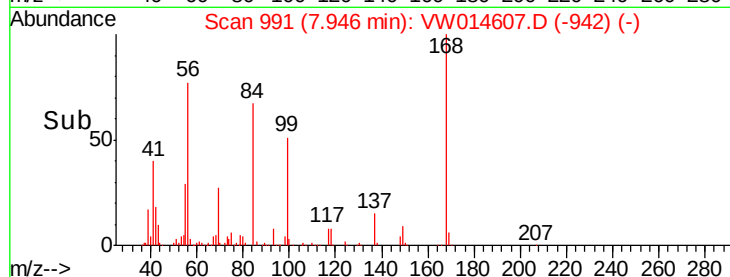
200000

100000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 50.374 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014607.D

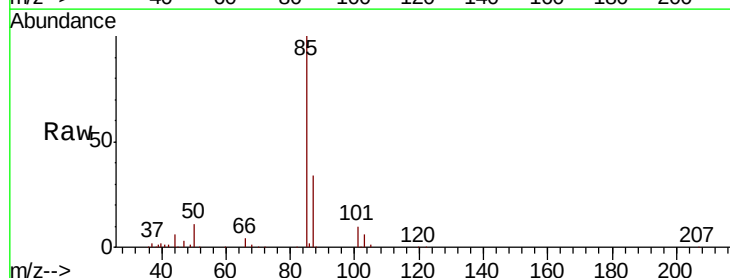
Acq: 10 Jan 2020 18:36

Tgt Ion: 85 Resp: 224162

Ion Ratio Lower Upper

85 100

87 33.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

80000

60000

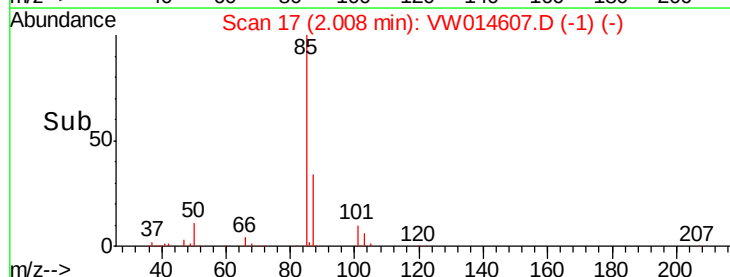
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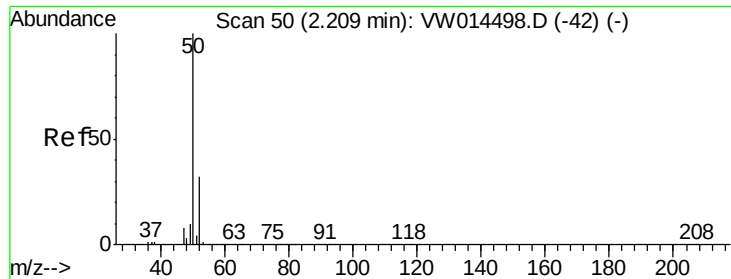
20000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 47.926 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion: 50 Resp: 261044

Ion Ratio Lower Upper

50 100

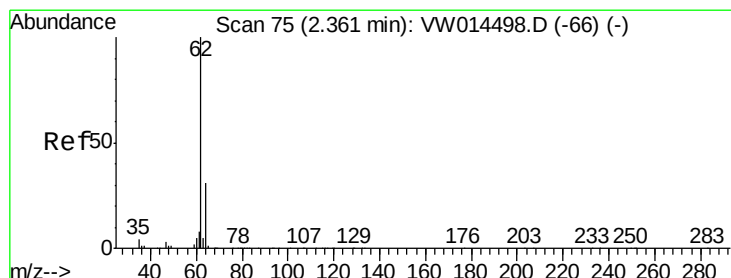
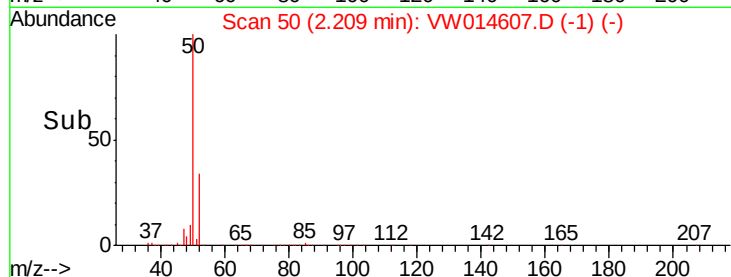
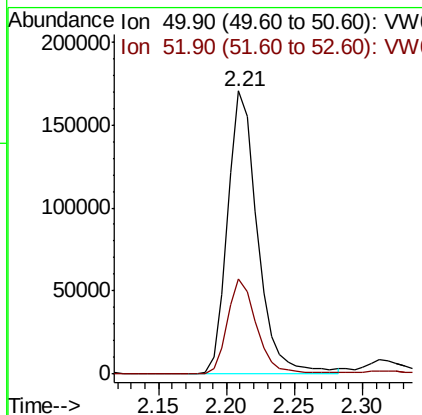
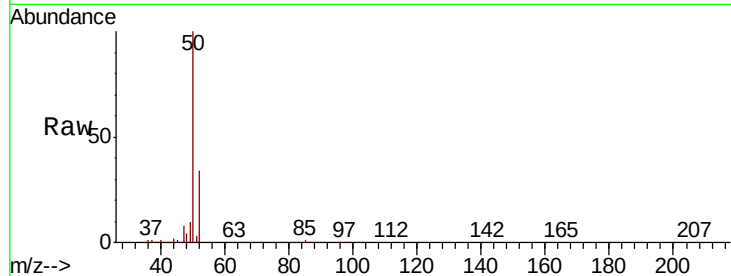
52 33.8 25.8 38.8

Manual Integrations

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1/13/2020 12:01:43 PM



#4

Vinyl Chloride

Concen: 54.206 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014607.D

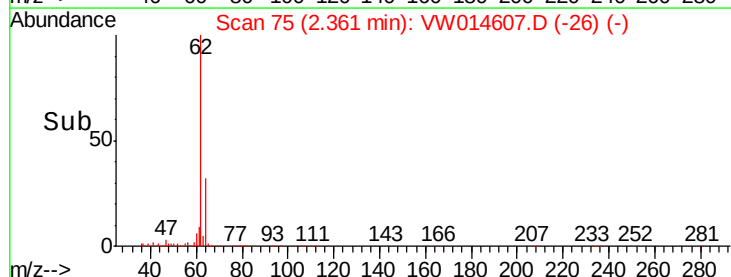
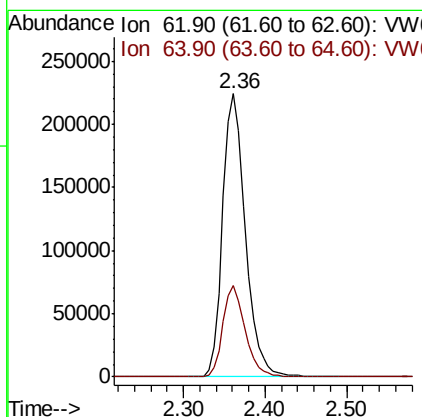
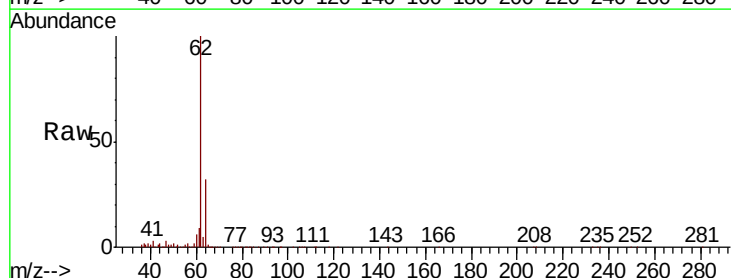
Acq: 10 Jan 2020 18:36

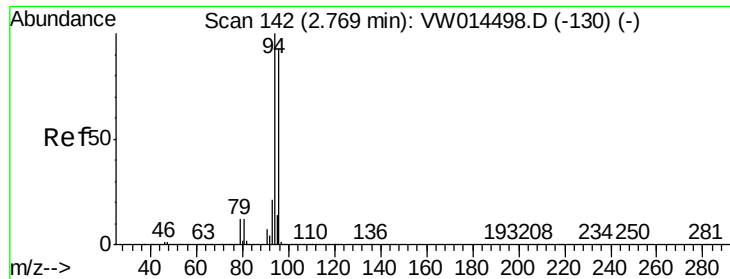
Tgt Ion: 62 Resp: 434267

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4





#5

Bromomethane

Concen: 55.554 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

Tot Ion: 94 Resp: 274936

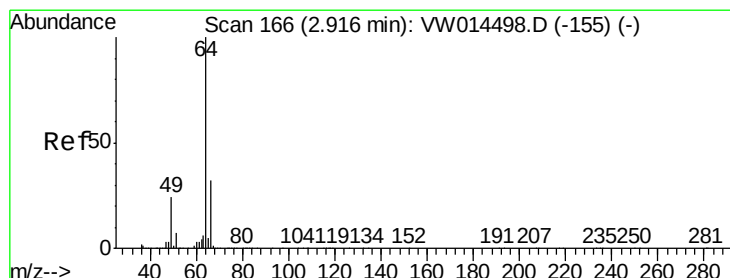
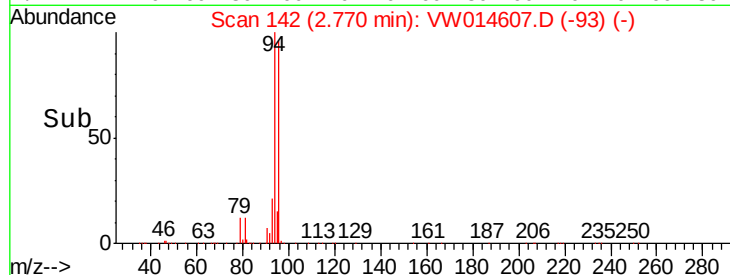
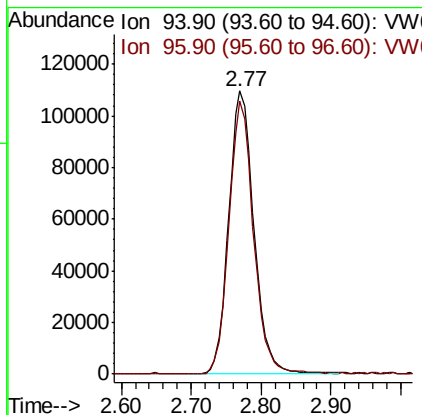
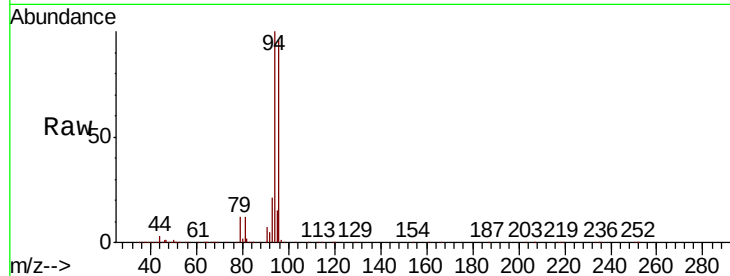
Ion Ratio Lower Upper

94 100

96 96.4 74.2 111.2

Manual Integrations  
APPROVED

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1/13/2020 12:01:43 PM



#6

Chloroethane

Concen: 56.544 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014607.D

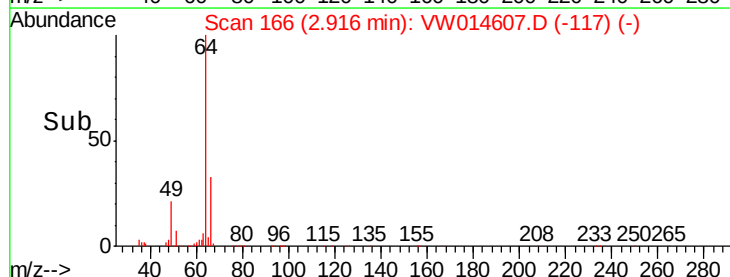
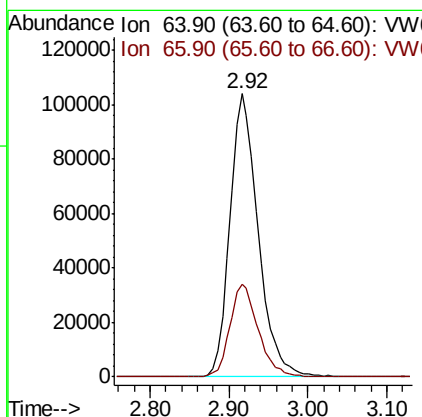
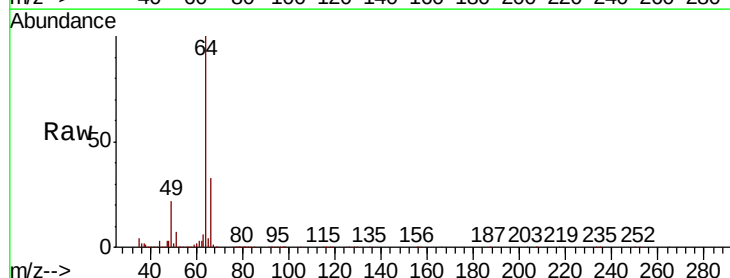
Acq: 10 Jan 2020 18:36

Tgt Ion: 64 Resp: 258225

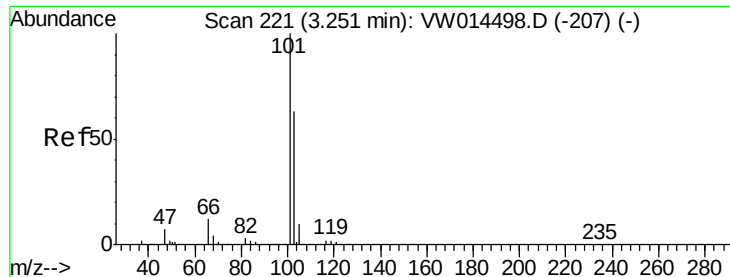
Ion Ratio Lower Upper

64 100

66 32.7 25.7 38.5







#7

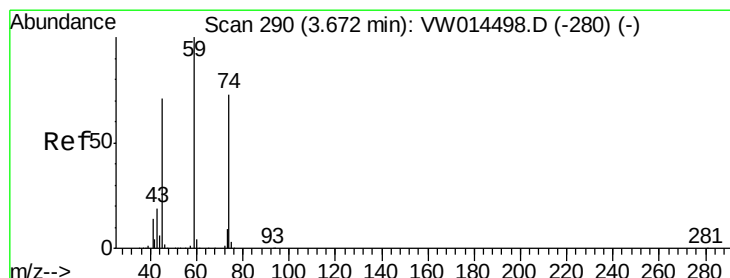
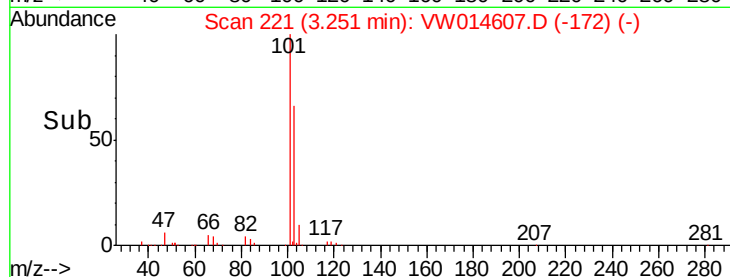
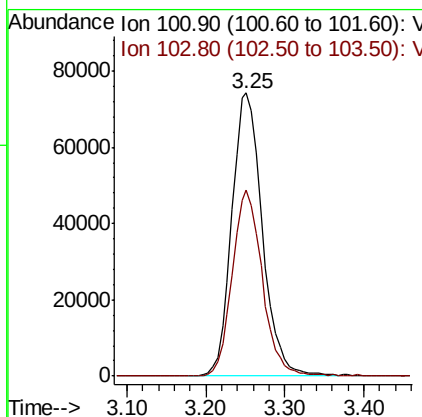
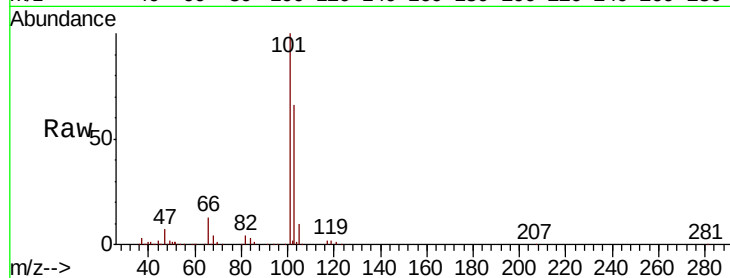
Trichlorofluoromethane  
Concen: 49.836 ug/l  
RT: 3.25 min Scan# 221  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 199761 |       |       |
| 103     | 65.8 | 50.1  | 75.1   |       |       |

Manual Integrations  
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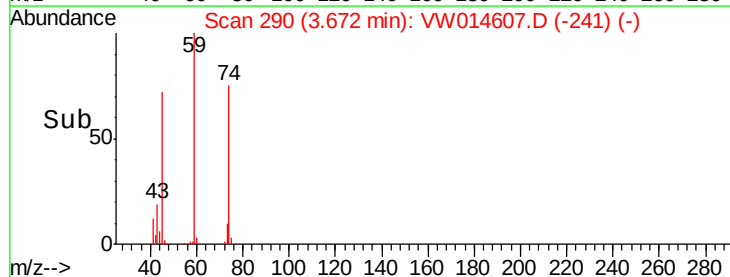
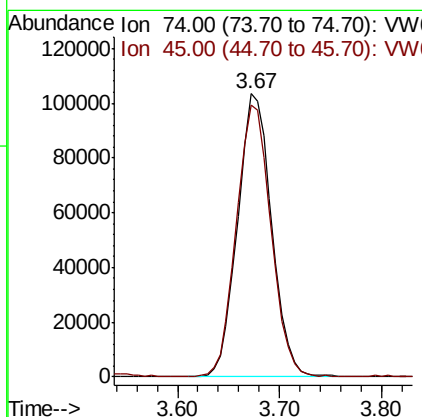
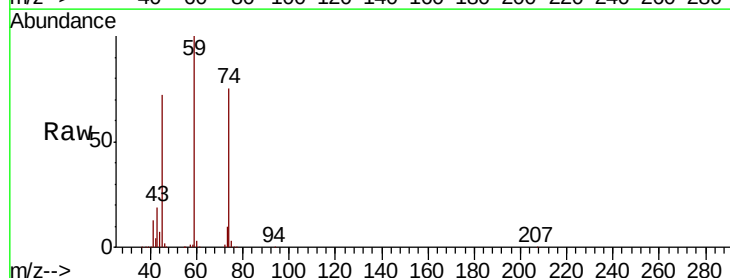
MMDadoda  
1/13/2020 12:01:43 PM



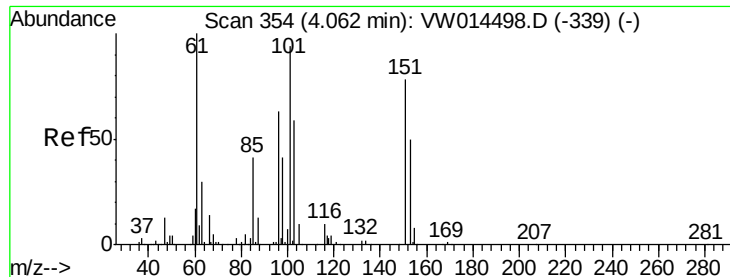
#8

Diethyl Ether  
Concen: 60.094 ug/l  
RT: 3.67 min Scan# 290  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 74      | 100  |       | 239668 |       |       |
| 45      | 97.5 | 48.6  | 145.8  |       |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.553 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

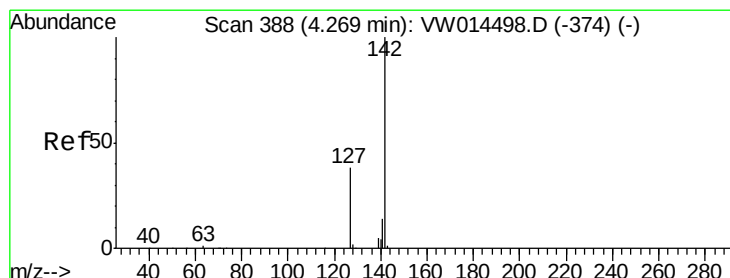
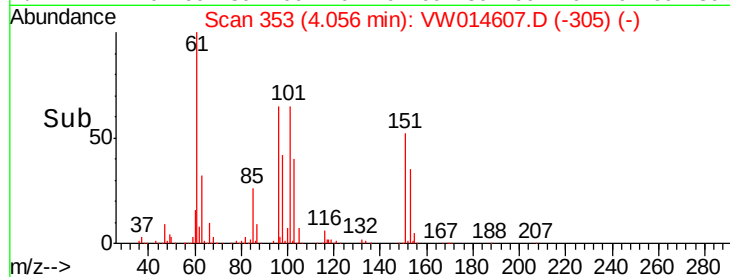
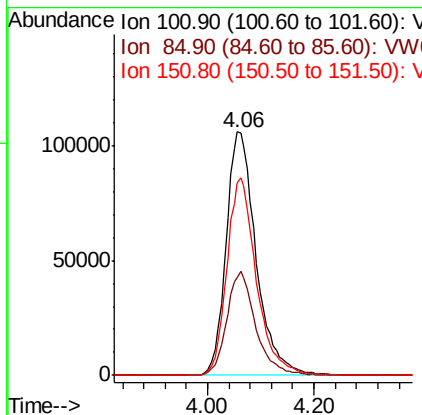
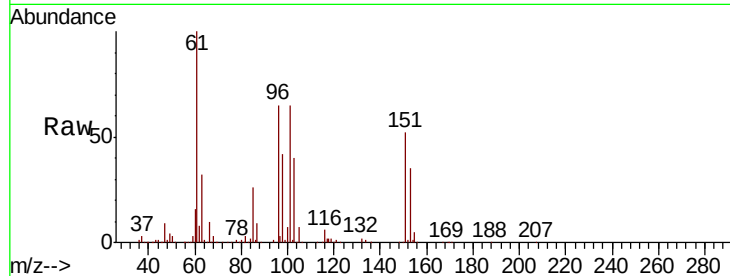
ClientSampleId :

SB-3H-(8.5-10.5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 416062 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 41.4  | 33.7  | 50.5   |
| 151       | 79.8  | 63.5  | 95.3   |

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#10

Methyl Iodide

Concen: 56.781 ug/l

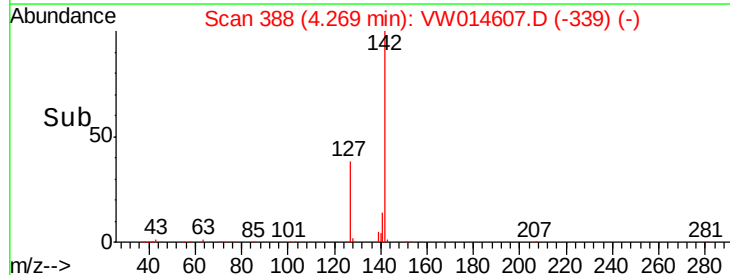
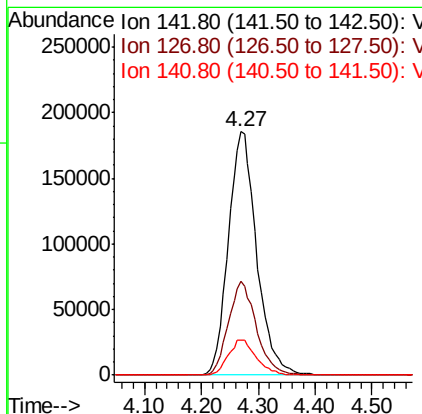
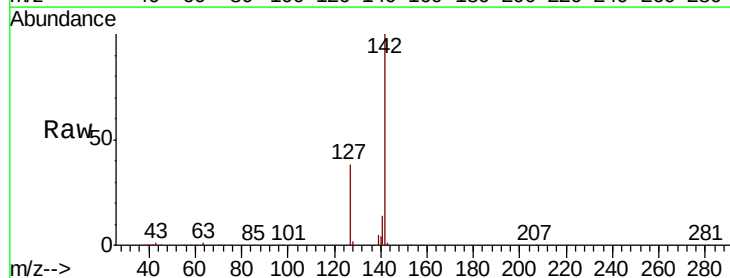
RT: 4.27 min Scan# 388

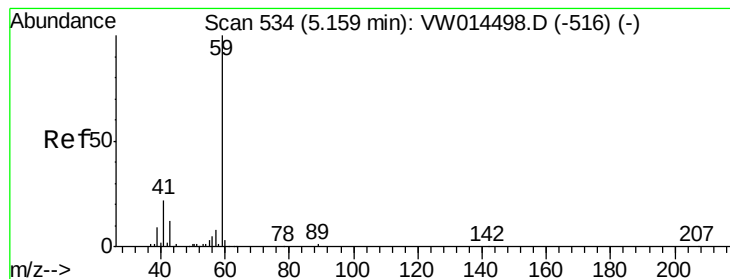
Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 641638 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 38.1  | 30.2  | 45.4   |
| 141       | 14.4  | 11.4  | 17.2   |





#11

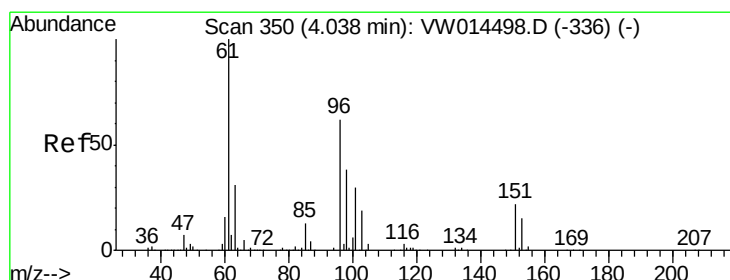
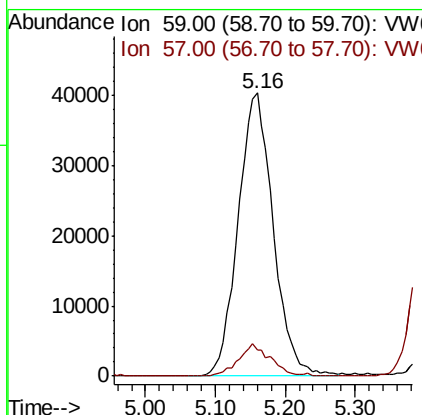
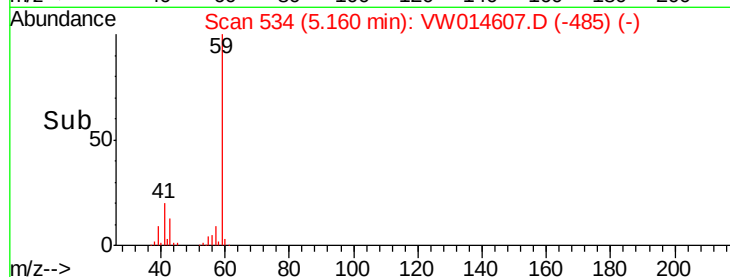
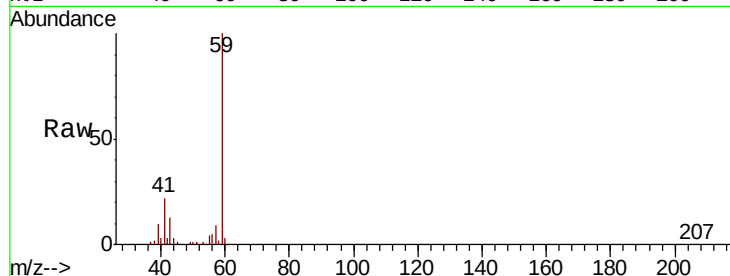
Tert butyl alcohol  
 Concen: 265.457 ug/l  
 RT: 5.16 min Scan# 534  
 Delta R.T. 0.00 min  
 Lab File: VW014607.D  
 Acq: 10 Jan 2020 18:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-3H-(8.5-10.5)MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 59      | 100  |       | 140283 |       |       |
| 57      | 10.3 |       |        | 7.8   | 11.8  |

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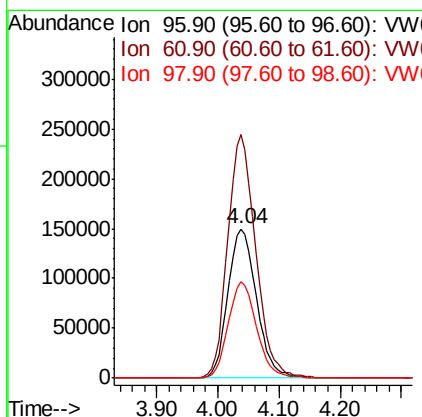
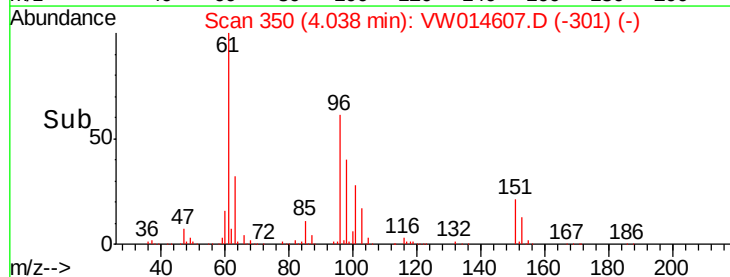
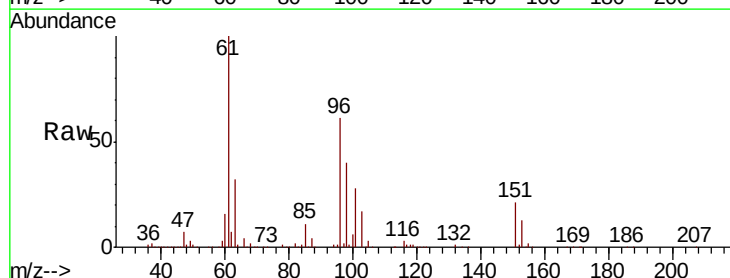
MMDadoda  
 1/13/2020 12:01:43 PM

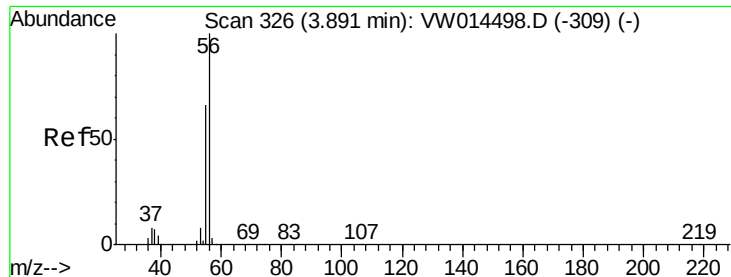


#12

1,1-Dichloroethene  
 Concen: 61.683 ug/l  
 RT: 4.04 min Scan# 350  
 Delta R.T. 0.00 min  
 Lab File: VW014607.D  
 Acq: 10 Jan 2020 18:36

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 96      | 100   |       | 483784 |       |       |
| 61      | 162.8 |       |        | 128.4 | 192.6 |
| 98      | 64.6  |       |        | 49.1  | 73.7  |





#13

Acrolein

Concen: 31.790 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion: 56 Resp: 19119

Ion Ratio Lower Upper

56 100

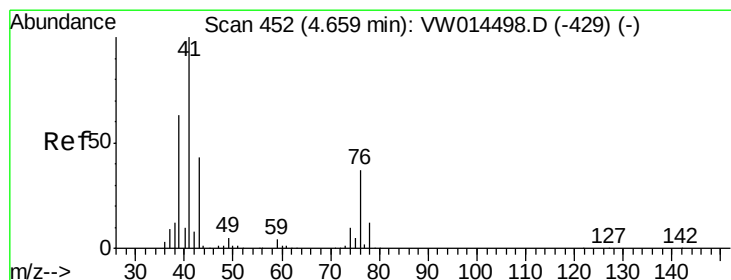
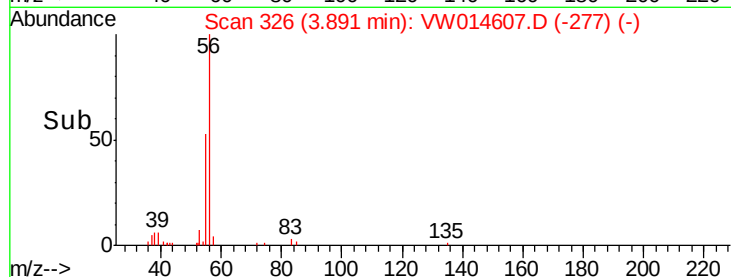
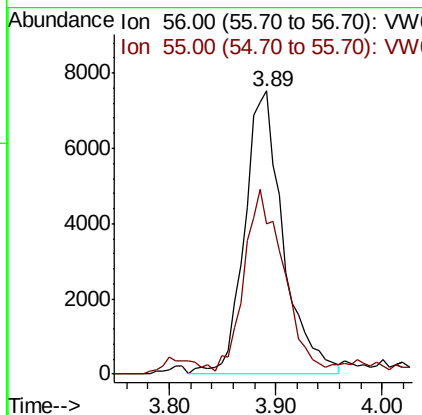
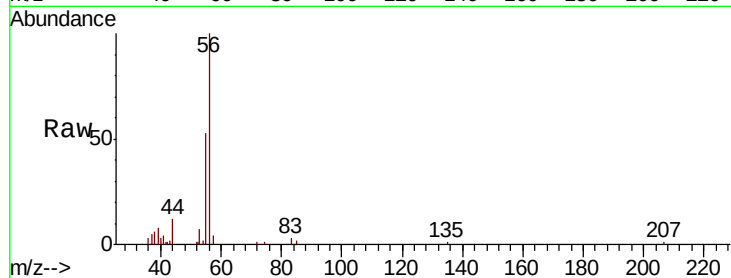
55 65.0 56.7 85.1

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#14

Allyl chloride

Concen: 56.533 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

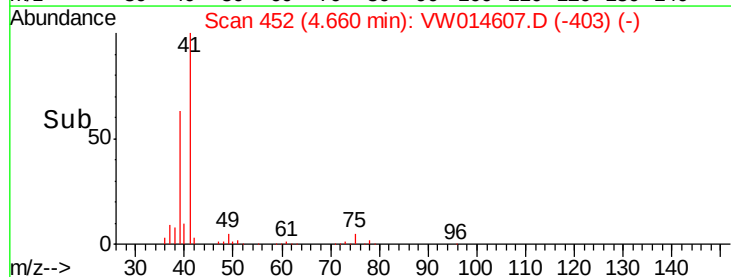
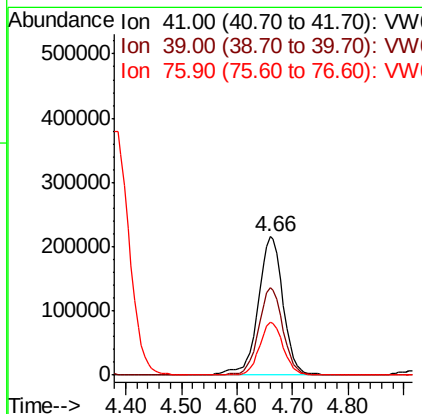
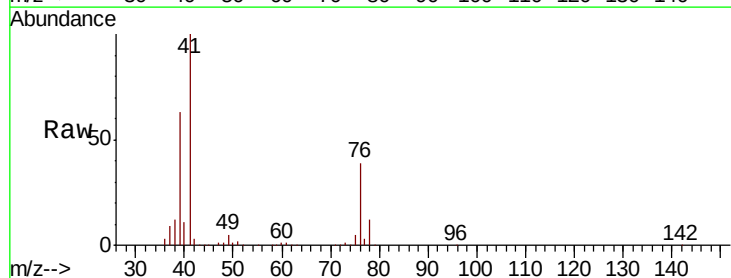
Tgt Ion: 41 Resp: 677568

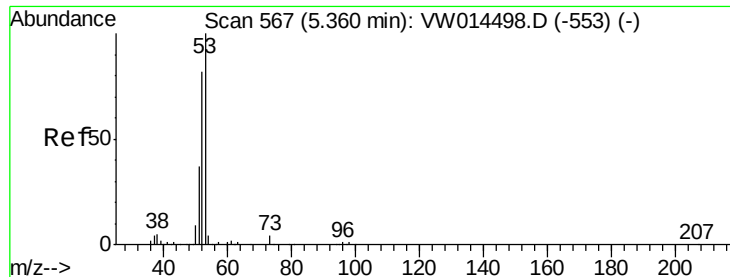
Ion Ratio Lower Upper

41 100

39 61.1 48.5 72.7

76 36.1 28.1 42.1





#15

Acrylonitrile

Concen: 287.029 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

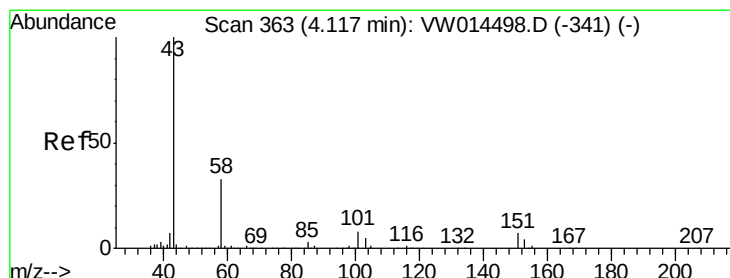
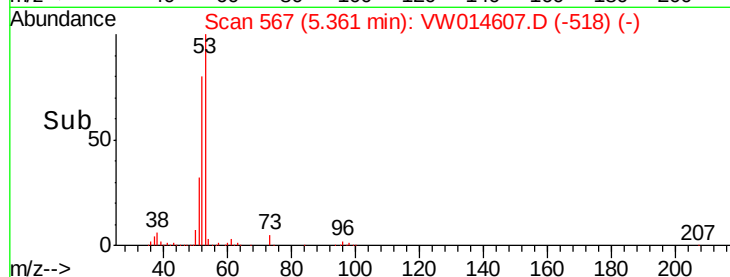
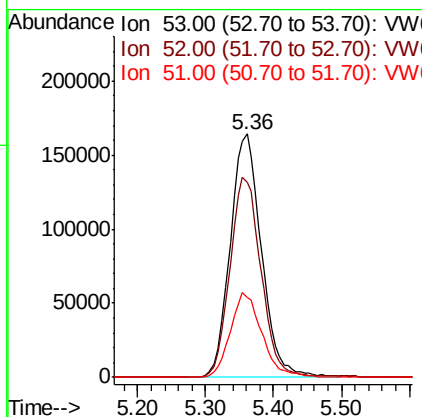
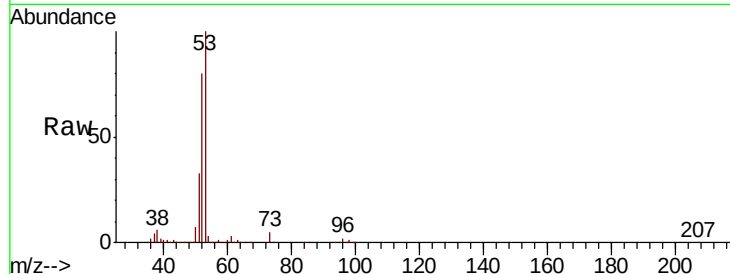
ClientSampleId :

SB-3H-(8.5-10.5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 523248 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 81.8  | 66.5  | 99.7   |
| 51        | 35.2  | 28.4  | 42.6   |

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#16

Acetone

Concen: 306.896 ug/l

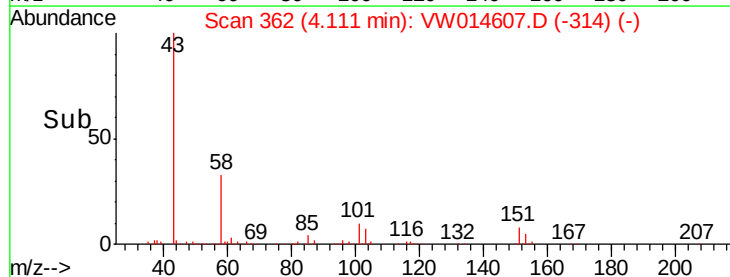
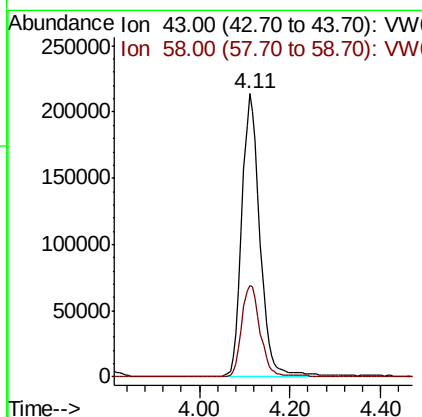
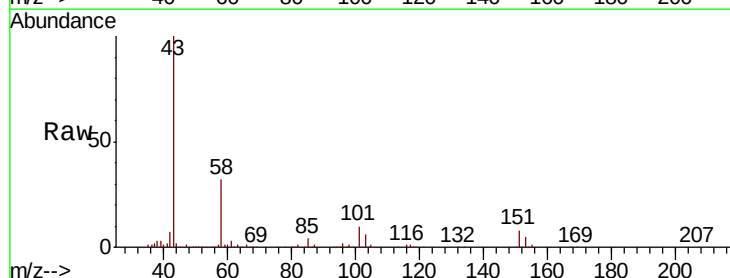
RT: 4.11 min Scan# 362

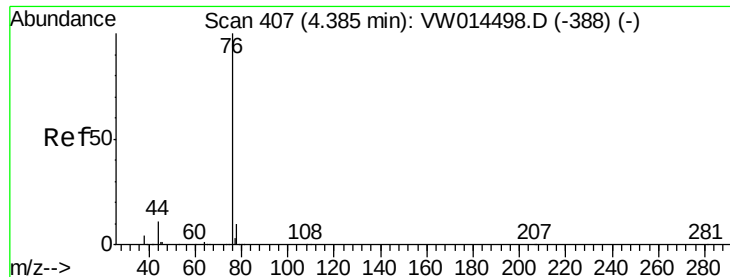
Delta R.T. -0.01 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 597130 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 32.2  | 26.6  | 39.8   |





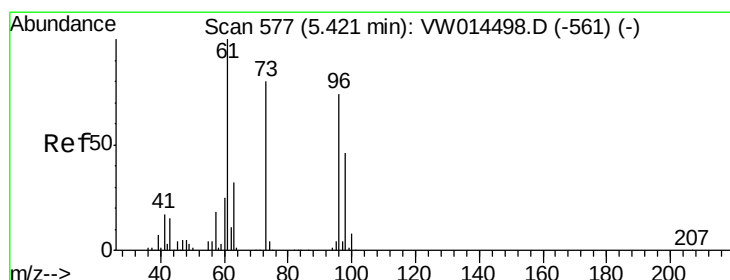
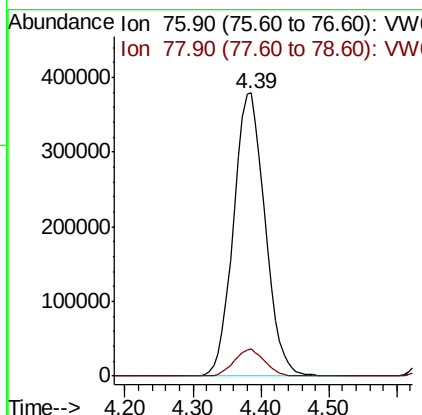
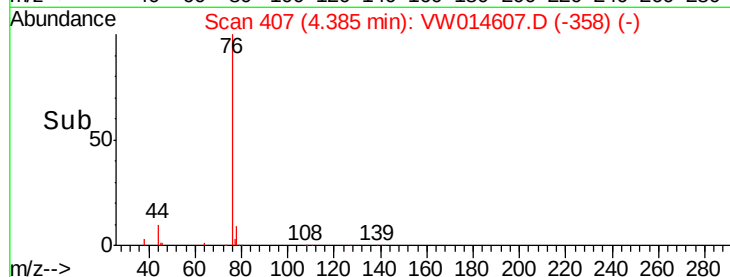
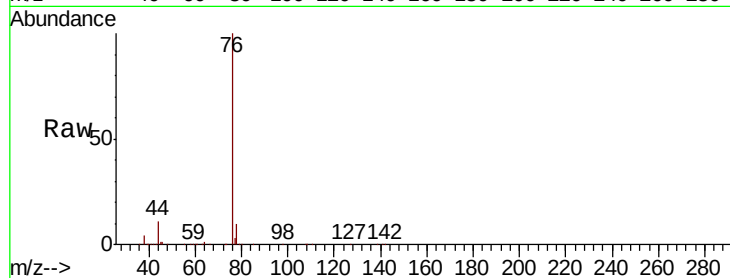
#17  
Carbon Disulfide  
Concen: 51.681 ug/l  
RT: 4.39 min Scan# 407  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

Tot Ion: 76 Resp: 1221685  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.8 11.6

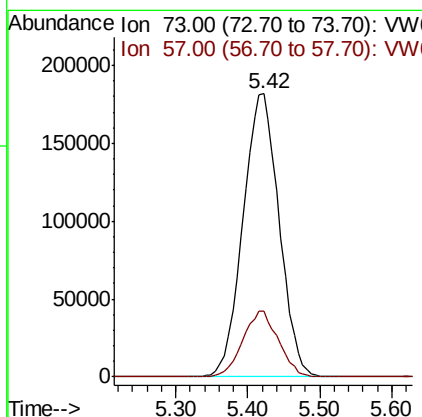
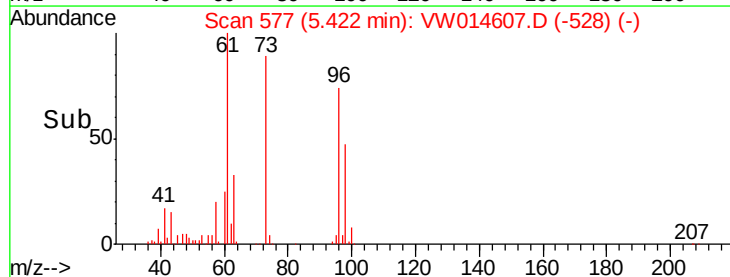
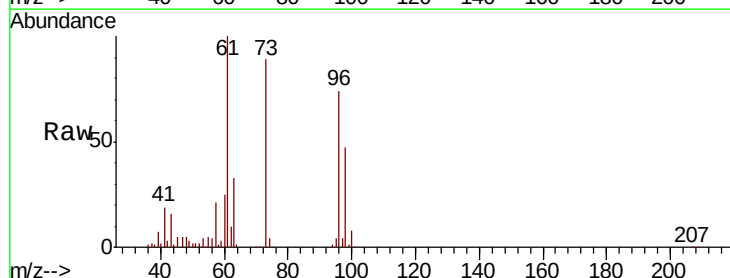
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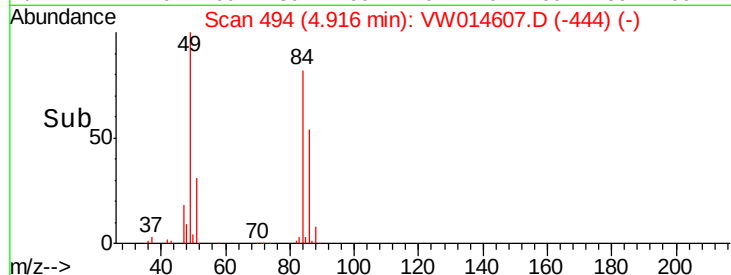
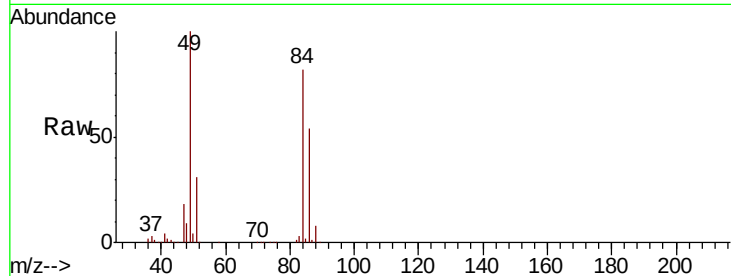
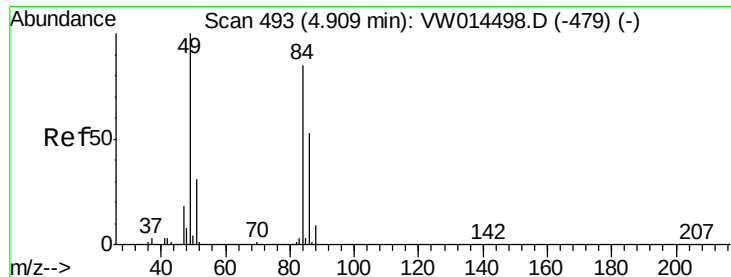
MMDadoda  
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#19  
Methyl tert-butyl Ether  
Concen: 65.052 ug/l  
RT: 5.42 min Scan# 577  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Tgt Ion: 73 Resp: 633332  
Ion Ratio Lower Upper  
73 100  
57 23.3 18.1 27.1





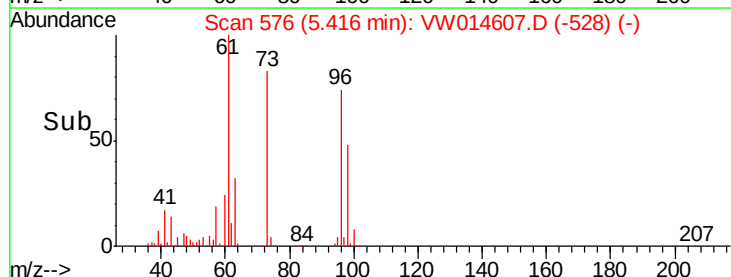
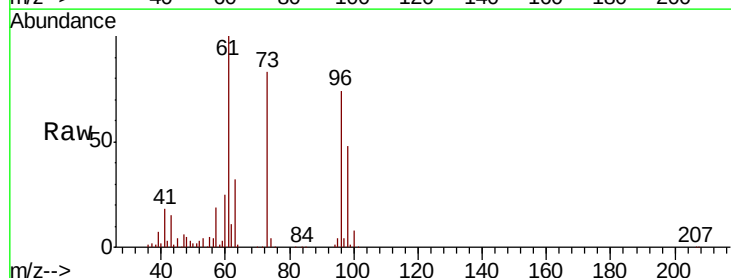
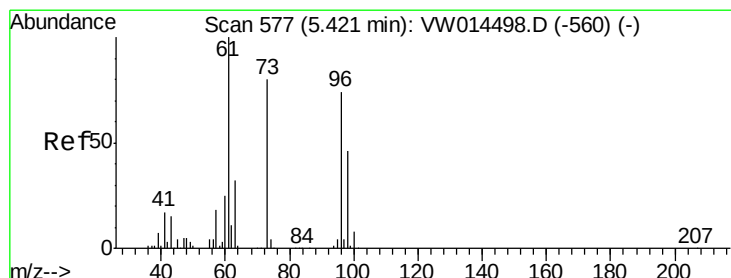
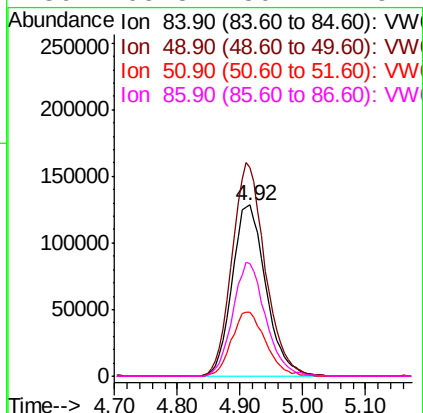
#20  
Methylene Chloride  
Concen: 62.154 ug/l  
RT: 4.92 min Scan# 494  
Delta R.T. 0.01 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 84      | 100   |      |       |       |
| 49      | 122.0 | 94.4 | 141.6 |       |
| 51      | 37.5  | 29.5 | 44.3  |       |
| 86      | 65.8  | 50.2 | 75.2  |       |

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

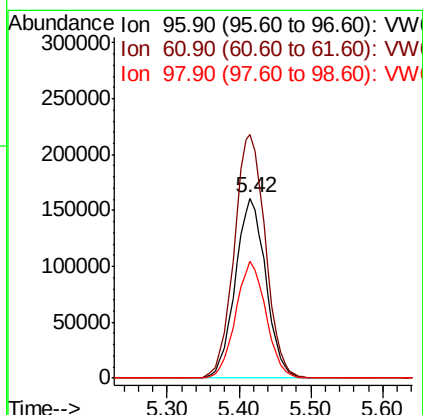
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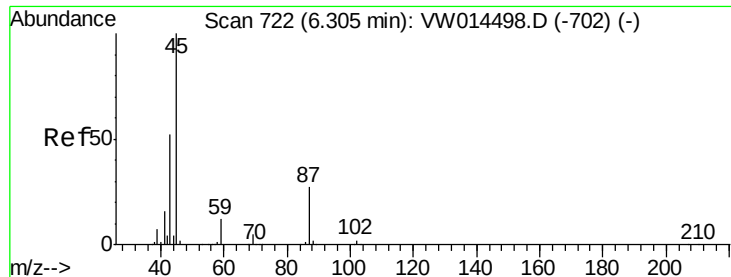
MMDadoda  
1/13/2020 12:01:43 PM



#21  
trans-1,2-Dichloroethene  
Concen: 56.977 ug/l  
RT: 5.42 min Scan# 576  
Delta R.T. -0.01 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   |       |       |       |
| 61      | 135.4 | 107.8 | 161.6 |       |
| 98      | 64.8  | 49.4  | 74.0  |       |





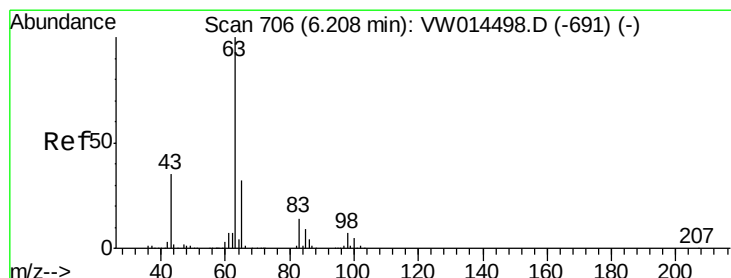
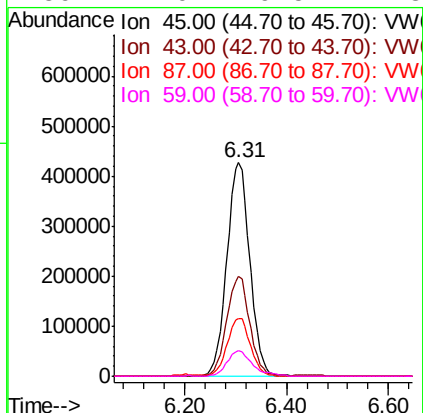
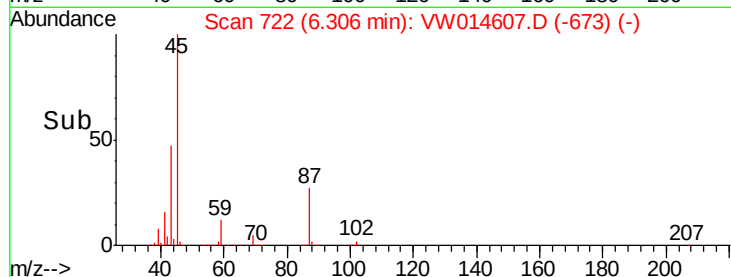
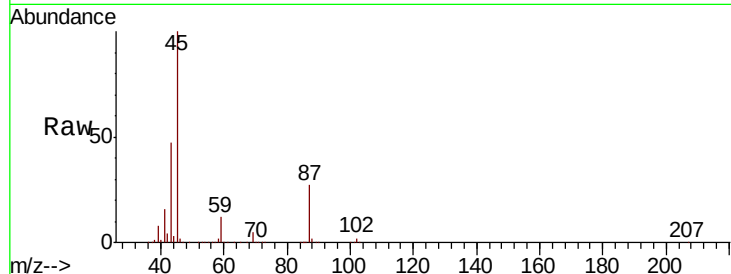
#22  
Diisopropyl ether  
Concen: 59.381 ug/l  
RT: 6.31 min Scan# 722  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 45      | 100  |       |       |       |
| 43      | 46.7 | 41.4  | 62.0  |       |
| 87      | 26.8 | 22.2  | 33.2  |       |
| 59      | 12.0 | 9.5   | 14.3  |       |

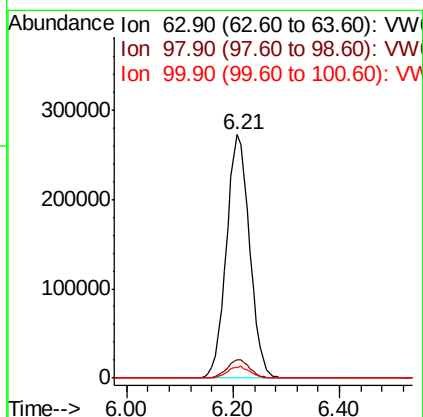
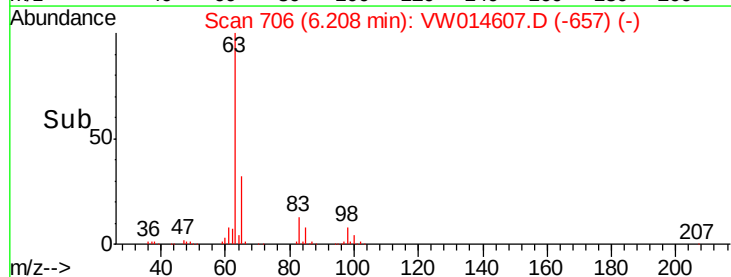
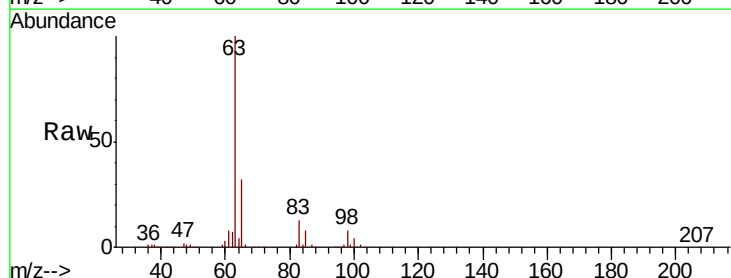
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1/13/2020 12:01:43 PM

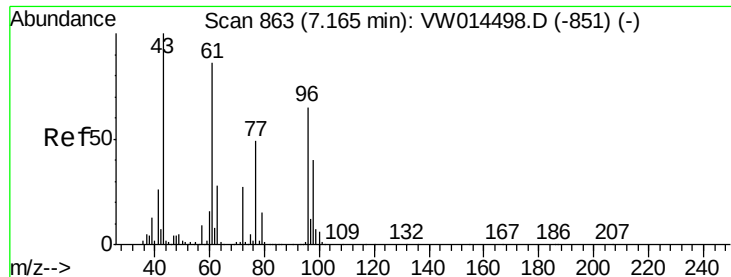


#24  
1,1-Dichloroethane  
Concen: 58.673 ug/l  
RT: 6.21 min Scan# 706  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 63      | 100 |       |       |       |
| 98      | 7.5 | 3.5   | 10.4  |       |
| 100     | 4.3 | 2.5   | 7.4   |       |







#25

2-Butanone

Concen: 295.966 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion: 43 Resp: 739020

Ion Ratio Lower Upper

43 100

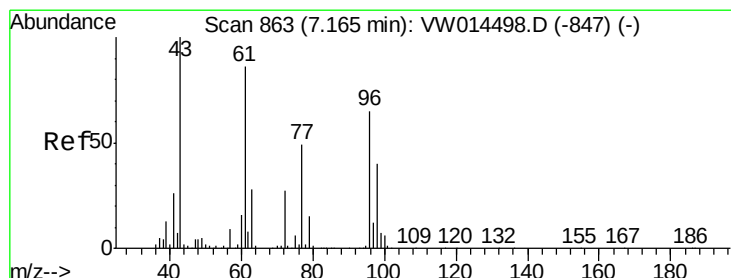
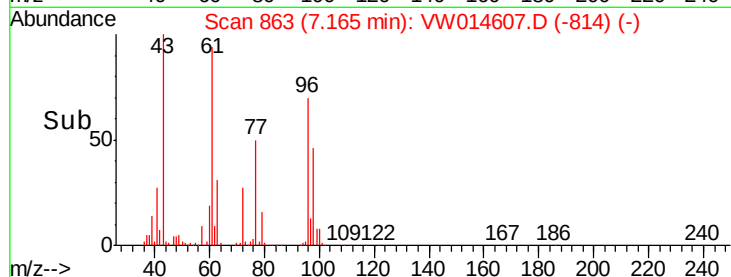
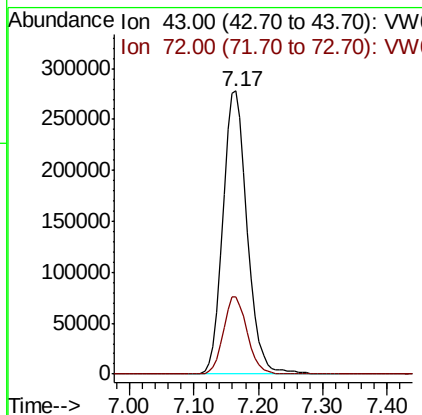
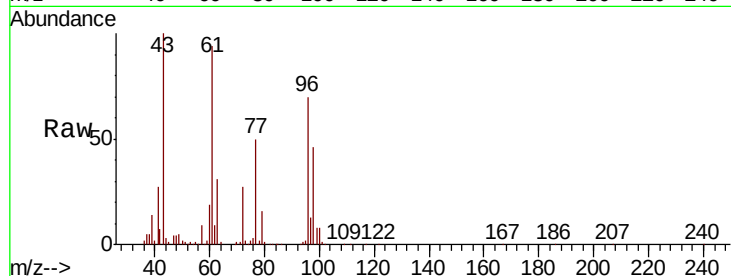
72 27.2 21.9 32.9

Manual Integrations

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MMDadoda

1/13/2020 12:01:43 PM



#26

2,2-Dichloropropane

Concen: 52.709 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014607.D

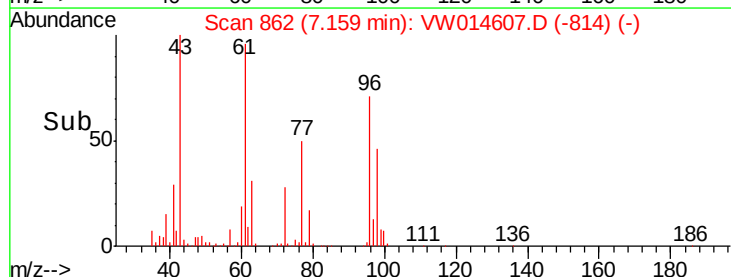
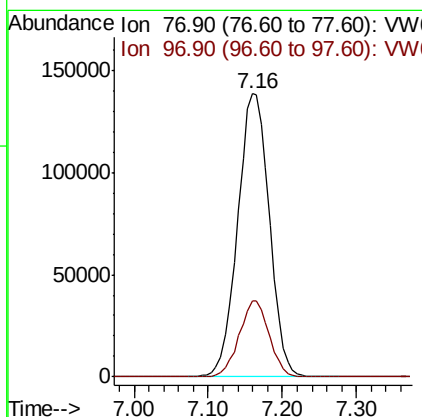
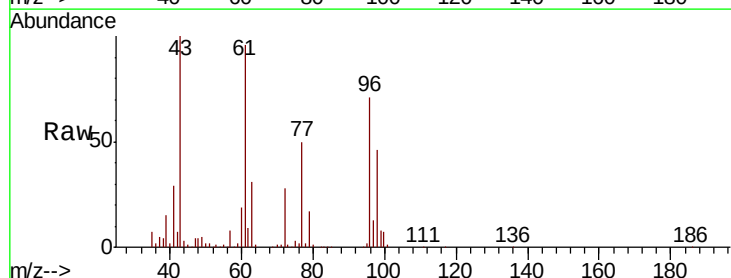
Acq: 10 Jan 2020 18:36

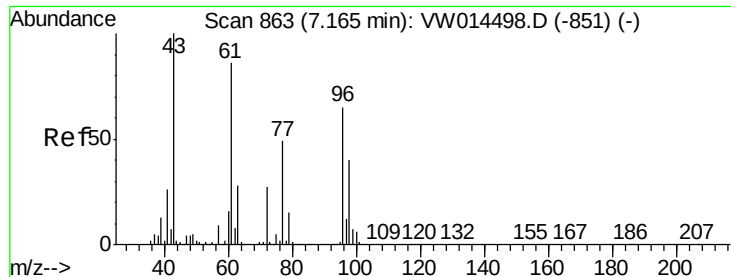
Tgt Ion: 77 Resp: 412954

Ion Ratio Lower Upper

77 100

97 25.4 12.5 37.5





#27

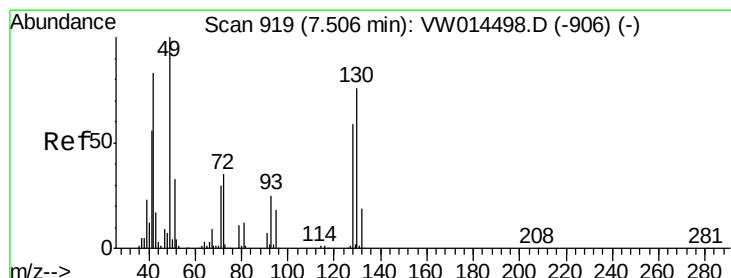
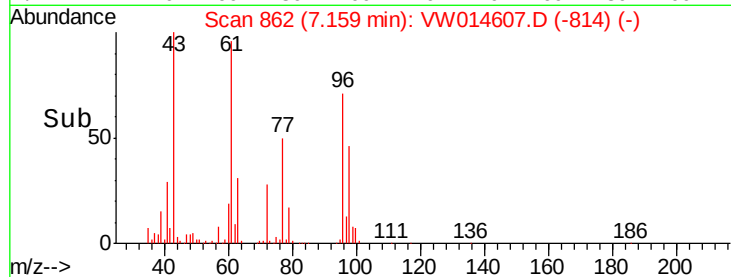
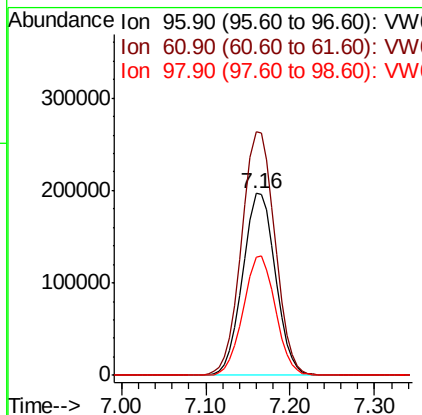
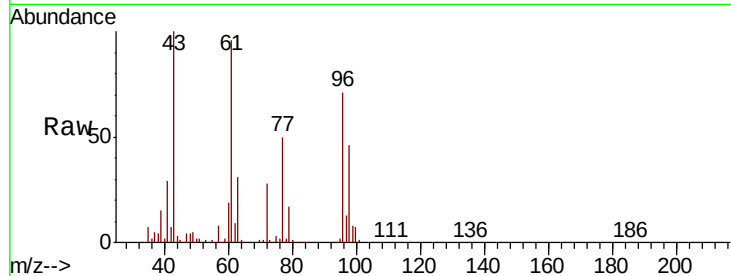
cis-1,2-Dichloroethene  
Concen: 59.342 ug/l  
RT: 7.16 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 519283 |       |       |
| 61      | 136.4 | 0.0    | 274.8 |       |
| 98      | 64.6  | 0.0    | 128.6 |       |

Manual Integrations  
APPROVED

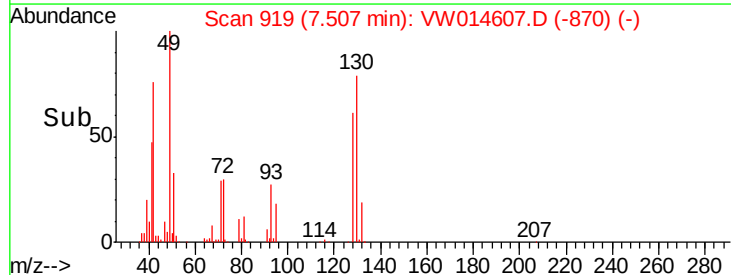
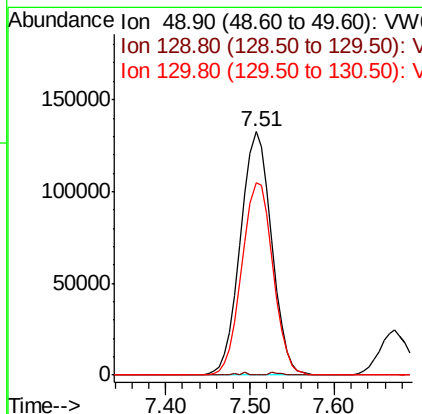
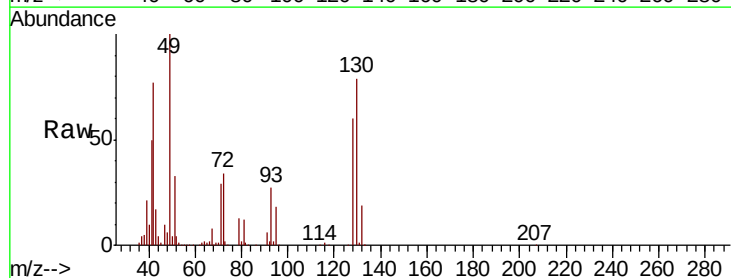
MMDadoda  
1/13/2020 12:01:43 PM

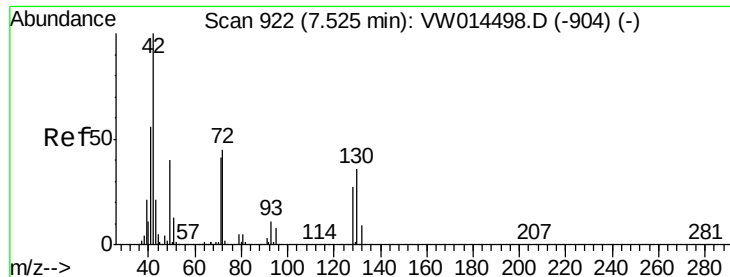


#28

Bromochloromethane  
Concen: 59.710 ug/l  
RT: 7.51 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 331259 |       |       |
| 129     | 0.4   | 0.0    | 2.0   |       |
| 130     | 79.1  | 62.5   | 93.7  |       |





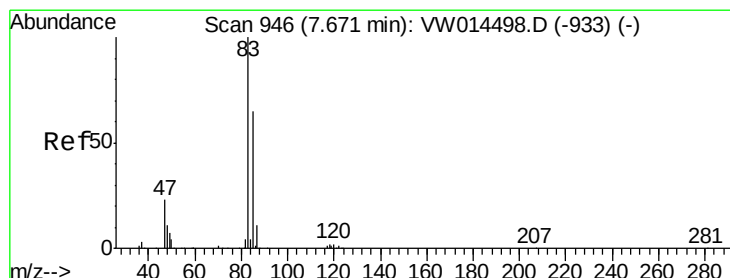
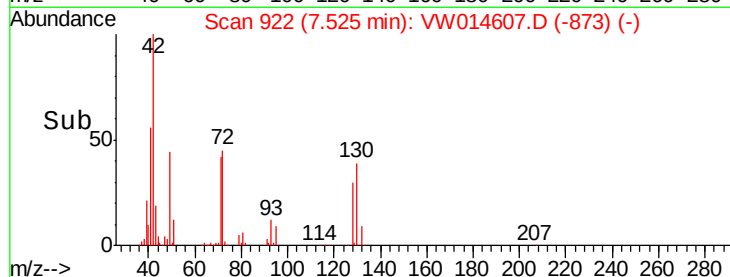
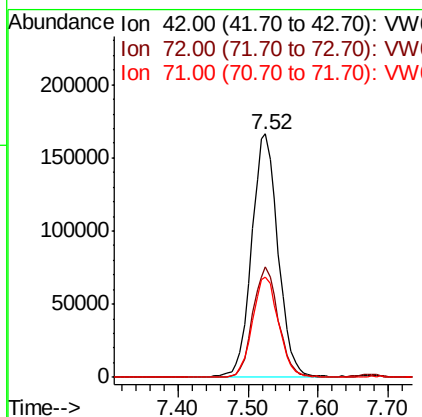
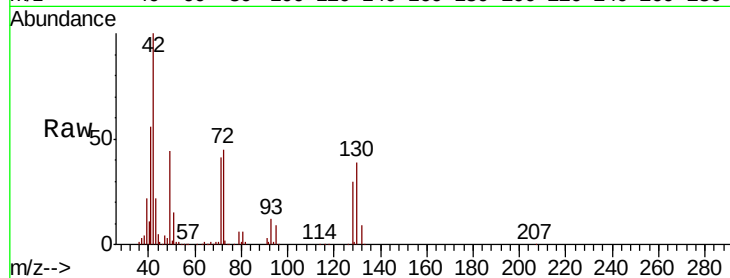
#29  
Tetrahydrofuran  
Concen: 281.151 ug/l  
RT: 7.52 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.9  | 34.5  | 51.7  |
| 71      | 41.1  | 32.0  | 48.0  |

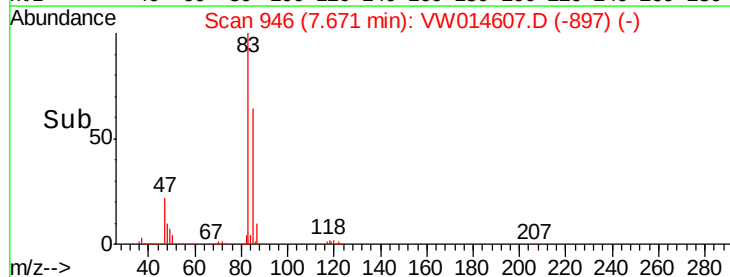
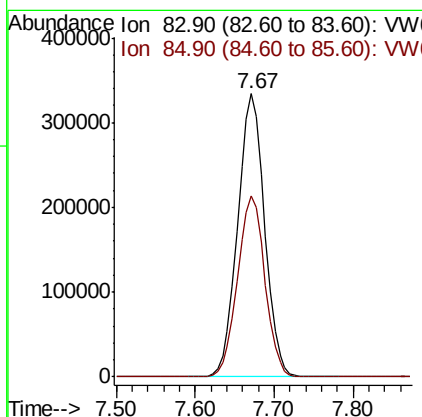
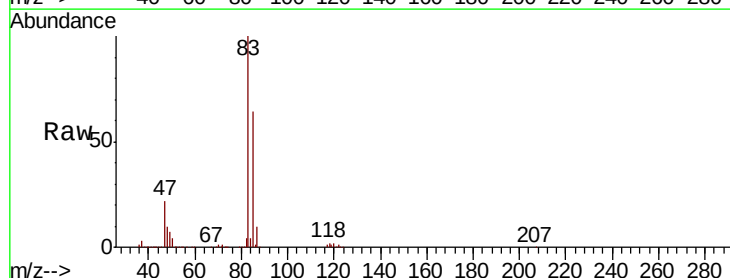
Manual Integrations  
APPROVED

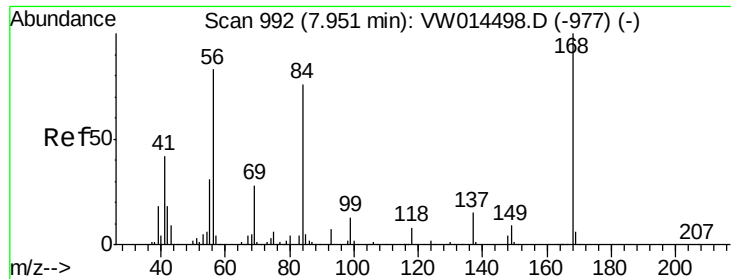
MMDadoda  
1/13/2020 12:01:43 PM



#30  
Chloroform  
Concen: 59.924 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.0  | 52.2  | 78.2  |





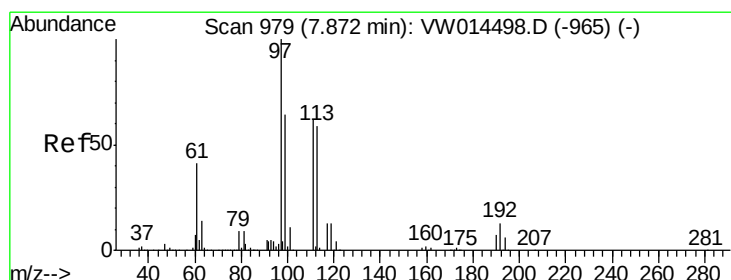
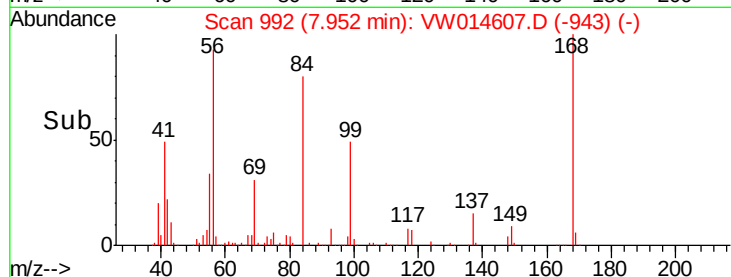
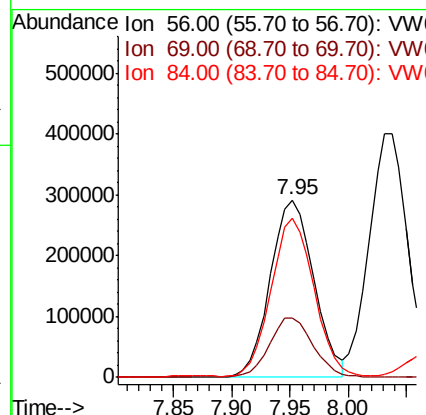
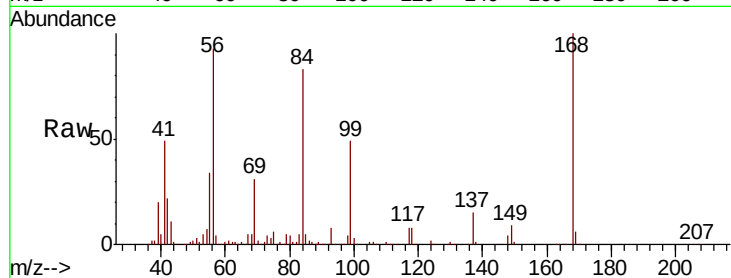
#31  
Cyclohexane  
Concen: 51.372 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 33.8  | 26.8  | 40.2  |
| 84      | 88.3  | 71.8  | 107.6 |

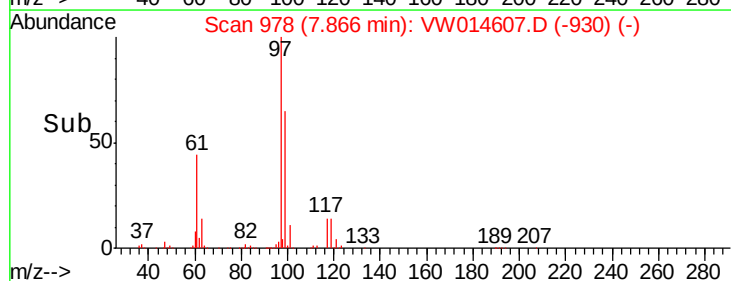
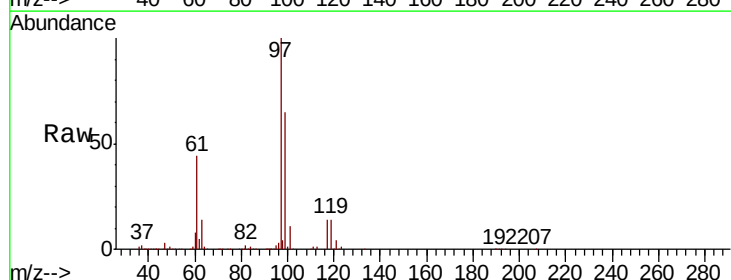
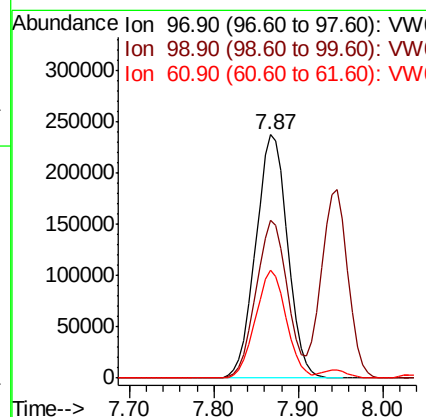
Manual Integrations  
APPROVED

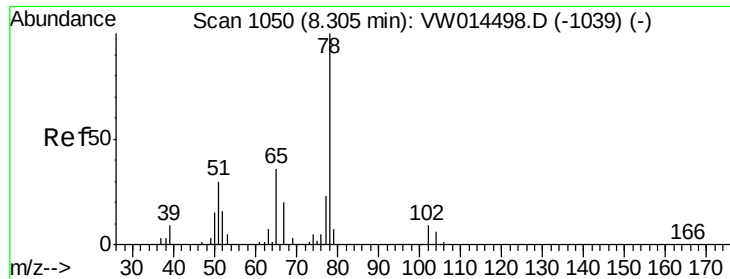
MMDadoda  
1/13/2020 12:01:43 PM



#32  
1,1,1-Trichloroethane  
Concen: 57.466 ug/l  
RT: 7.87 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.6  | 51.8  | 77.6  |
| 61      | 43.1  | 33.8  | 50.8  |





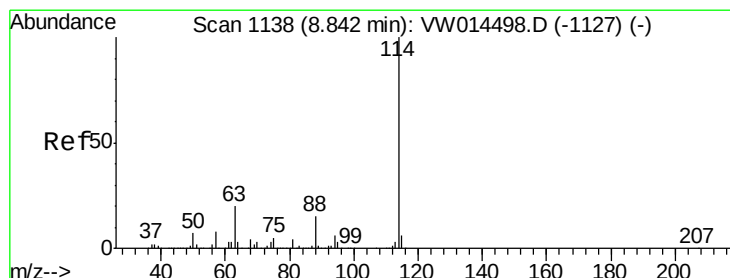
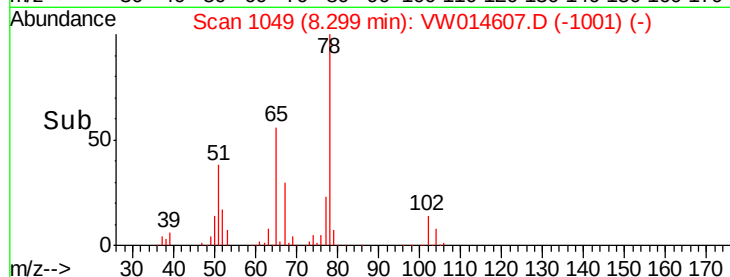
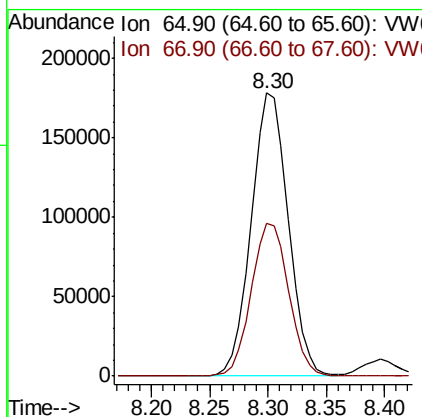
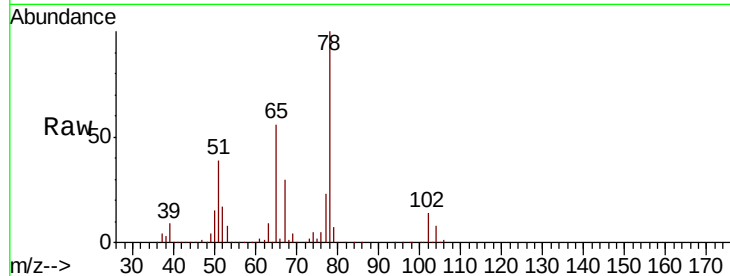
#33  
 1,2-Dichloroethane-d4  
 Concen: 56.989 ug/l  
 RT: 8.30 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: VW014607.D  
 Acq: 10 Jan 2020 18:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 392693 |       |       |
| 67      | 54.9  | 0.0    | 108.4 |       |

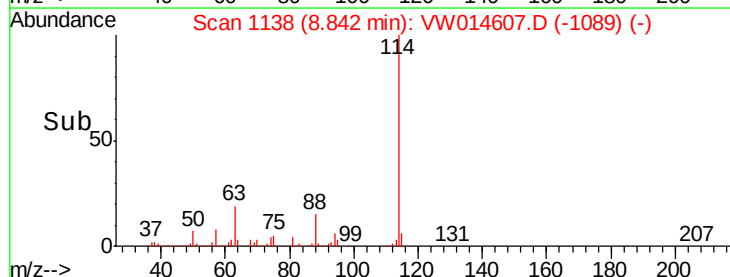
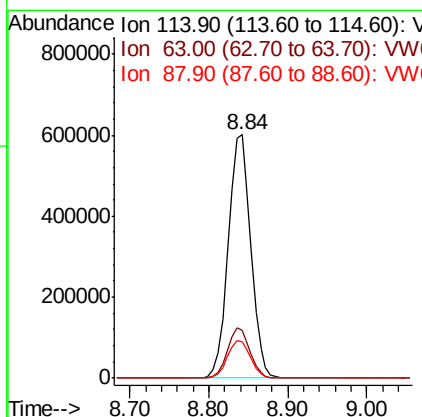
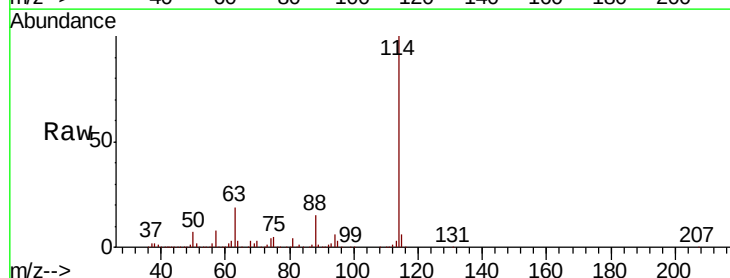
Manual Integrations  
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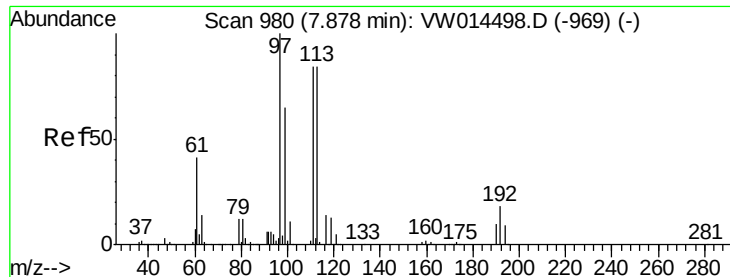
MMDadoda  
 1/13/2020 12:01:43 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW014607.D  
 Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 114     | 100   | 1191767 |       |       |
| 63      | 19.4  | 0.0     | 40.4  |       |
| 88      | 15.1  | 0.0     | 30.6  |       |





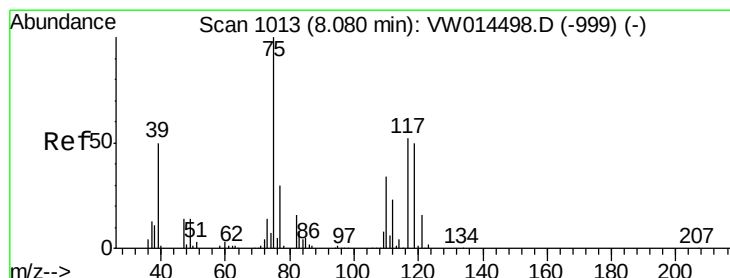
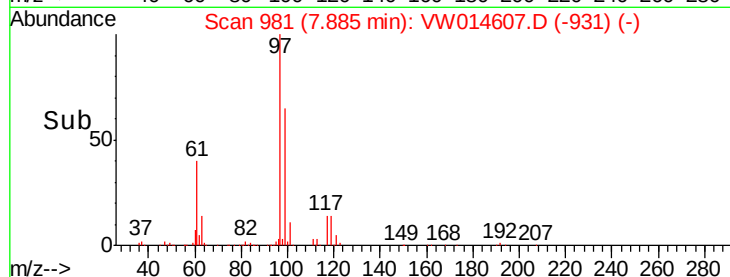
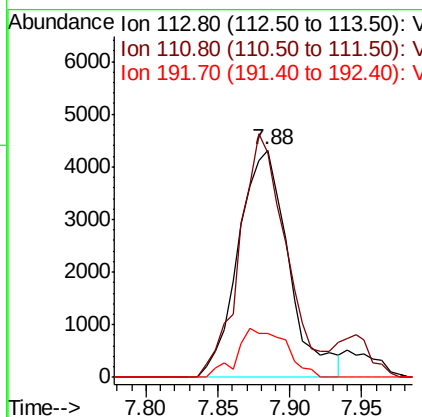
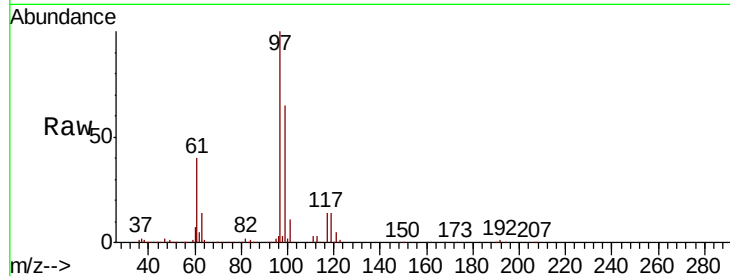
#35  
 Dibromofluoromethane  
 Concen: 1.534 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. 0.01 min  
 Lab File: VW014607.D  
 Acq: 10 Jan 2020 18:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 99.9  | 81.4  | 122.2 |
| 192     | 20.8  | 17.8  | 26.8  |

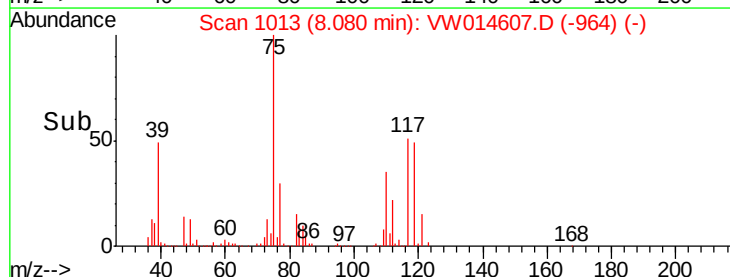
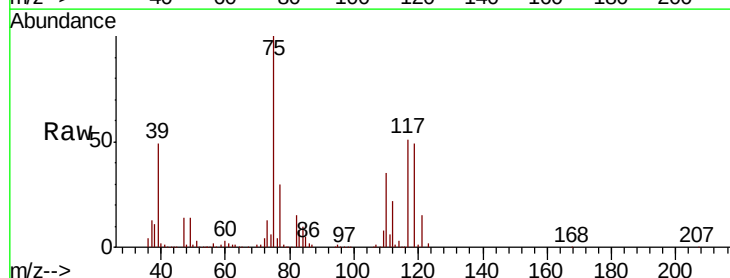
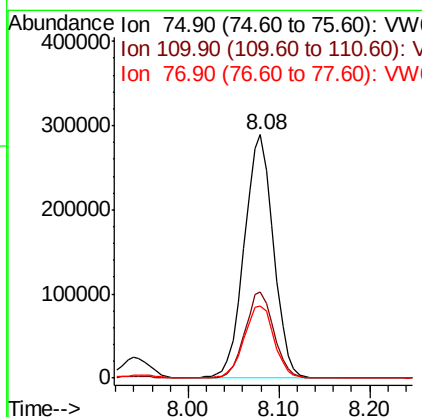
Manual Integrations  
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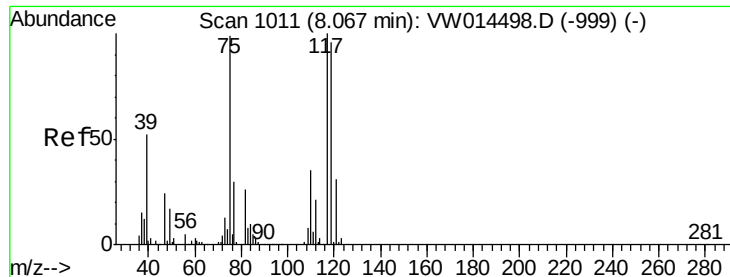
MMDadoda  
 1/13/2020 12:01:43 PM



#36  
 1,1-Dichloropropene  
 Concen: 55.990 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: VW014607.D  
 Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.1  | 17.8  | 53.5  |
| 77      | 30.7  | 24.7  | 37.1  |





#38

Carbon Tetrachloride

Concen: 55.509 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

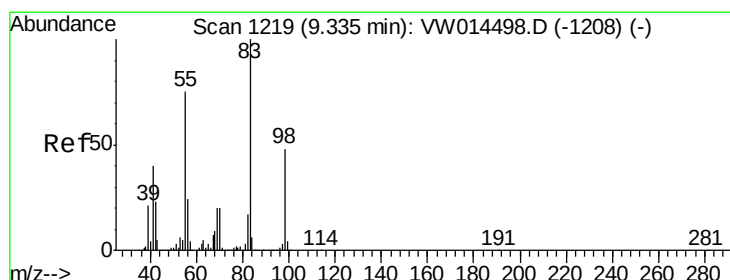
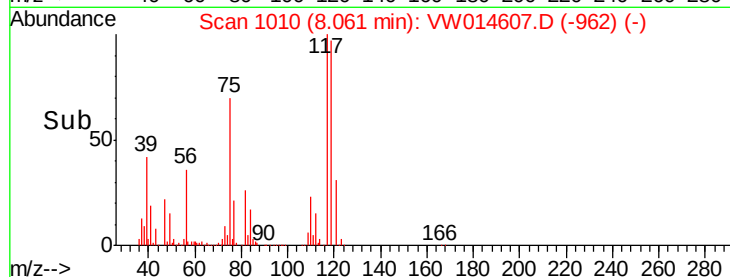
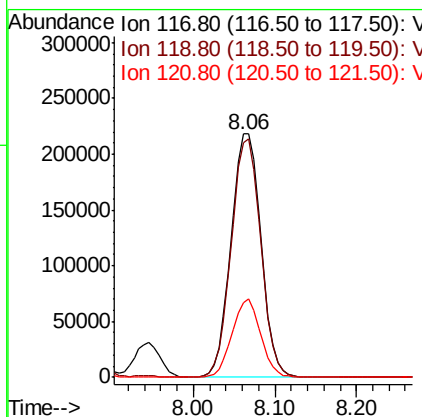
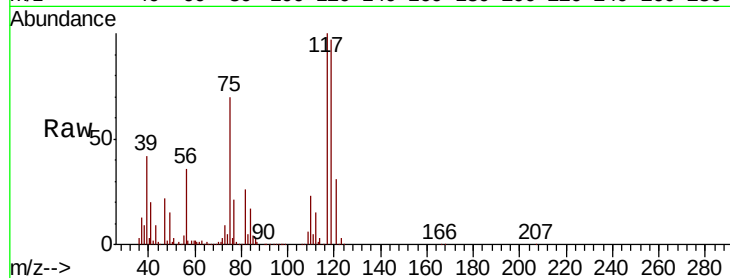
ClientSampleId :

SB-3H-(8.5-10.5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 117   | Resp: | 553292 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.6  | 77.0  | 115.6  |
| 121       | 30.8  | 24.6  | 36.8   |

Manual Integrations  
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1/13/2020 12:01:43 PM



#39

Methylcyclohexane

Concen: 52.519 ug/l

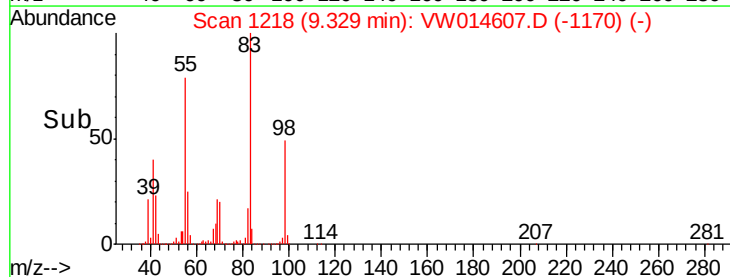
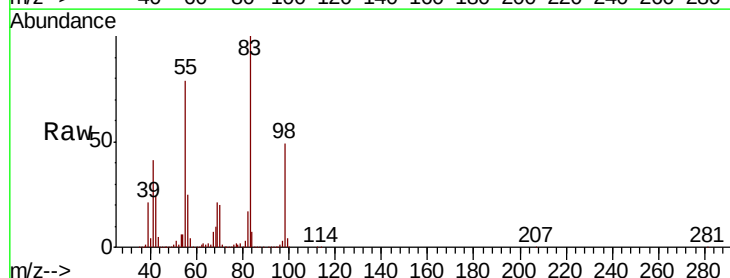
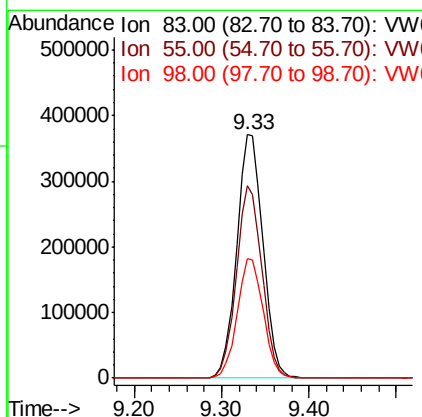
RT: 9.33 min Scan# 1218

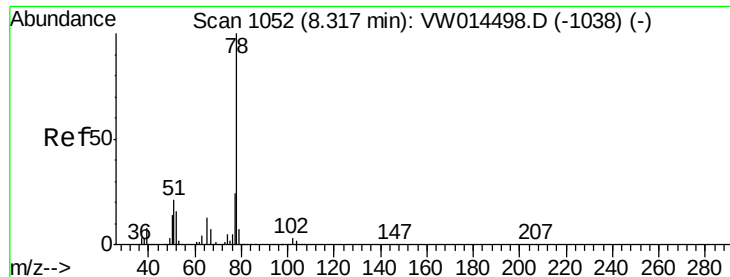
Delta R.T. -0.01 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 774341 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 79.2  | 60.1  | 90.1   |
| 98        | 49.2  | 38.8  | 58.2   |





#40

Benzene

Concen: 58.210 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion: 78 Resp: 1892230

Ion Ratio Lower Upper

78 100

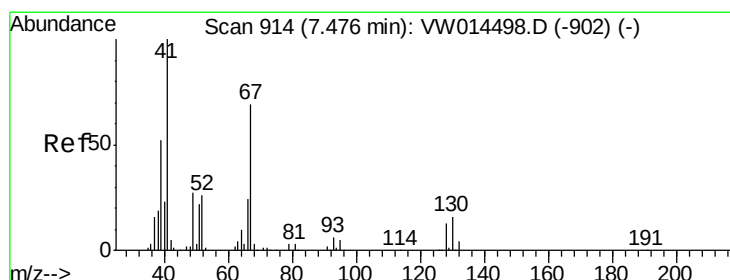
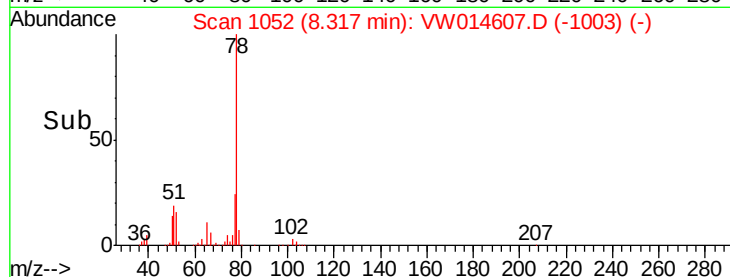
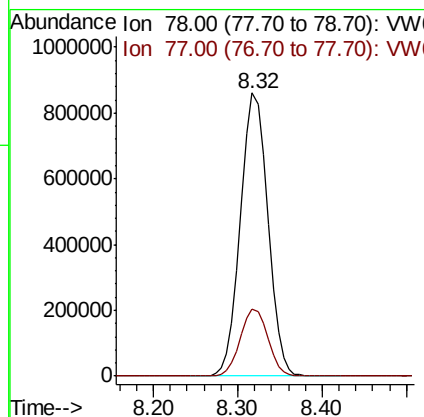
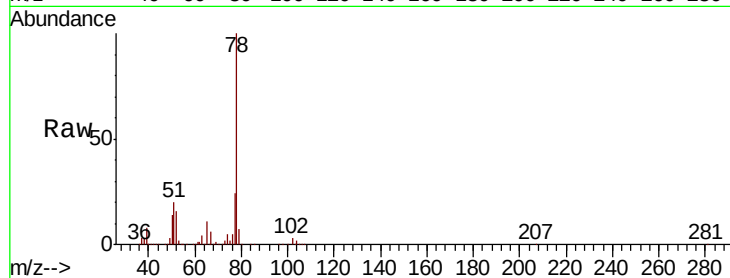
77 23.7 19.3 28.9

Manual Integrations

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#41

Methacrylonitrile

Concen: 56.610 ug/l

RT: 7.48 min Scan# 914

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Tgt Ion: 41 Resp: 164432

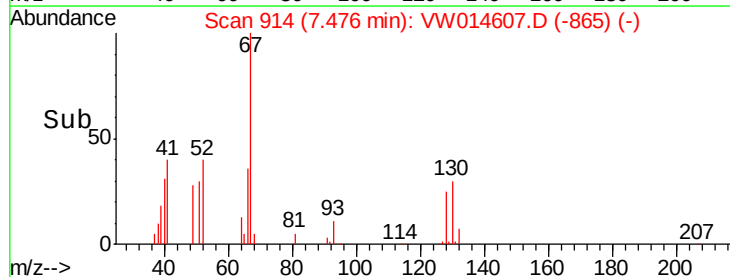
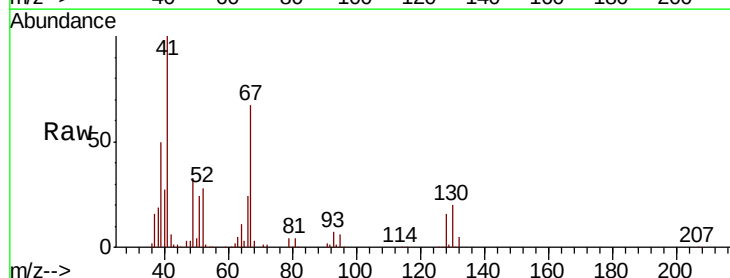
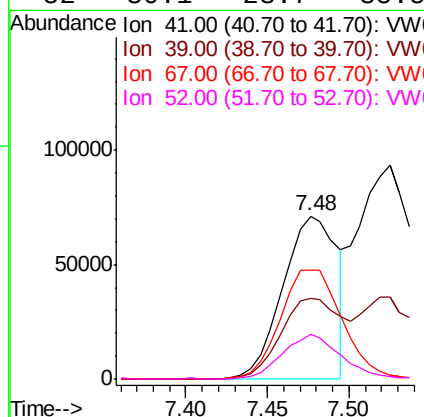
Ion Ratio Lower Upper

41 100

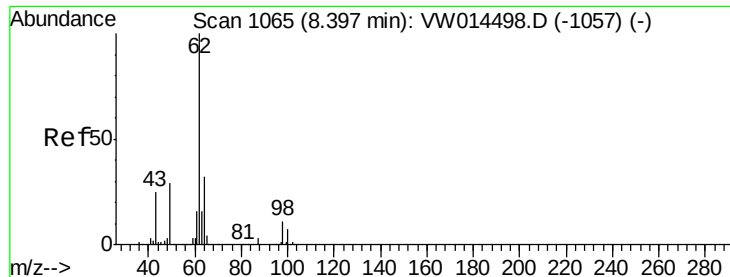
39 56.6 46.0 69.0

67 76.2 60.8 91.2

52 30.1 23.7 35.5







#42

1,2-Dichloroethane

Concen: 58.201 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion: 62 Resp: 490978

Ion Ratio Lower Upper

62 100

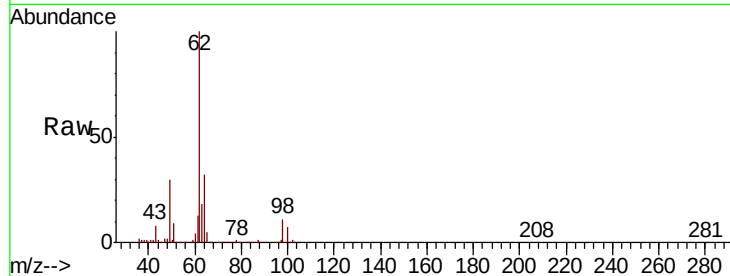
98 11.1 0.0 22.0

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Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

250000

200000

150000

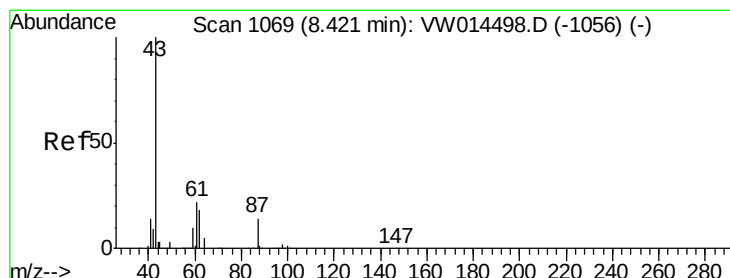
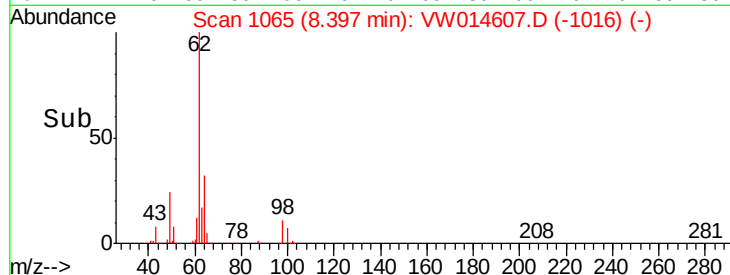
100000

50000

0

8.30 8.35 8.40 8.45 8.50

Time-->



#43

Isopropyl Acetate

Concen: 19.264 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

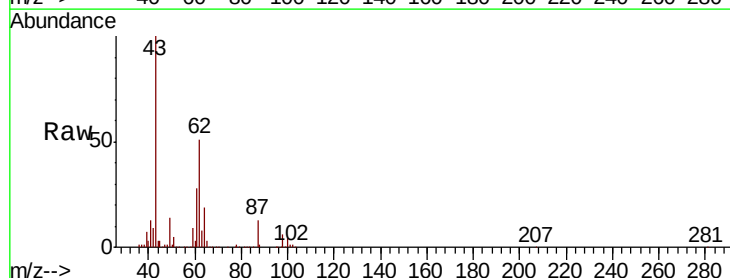
Tgt Ion: 43 Resp: 182280

Ion Ratio Lower Upper

43 100

61 51.7 24.7 37.1#

87 13.9 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW

120000

100000

80000

60000

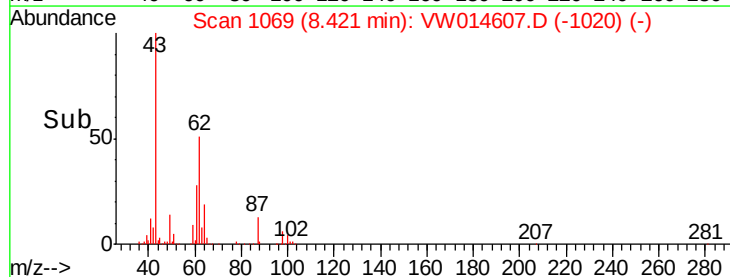
40000

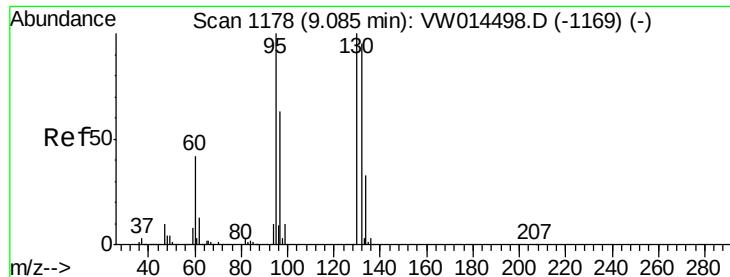
20000

0

8.30 8.40 8.50 8.60

Time-->





#44

Trichloroethene

Concen: 104.829 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion:130 Resp: 922089

Ion Ratio Lower Upper

130 100

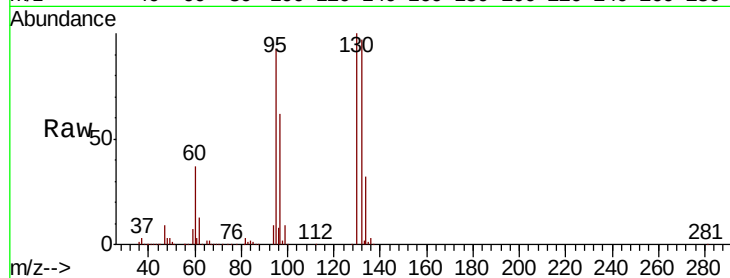
95 93.3 0.0 199.4

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

9.09

500000

400000

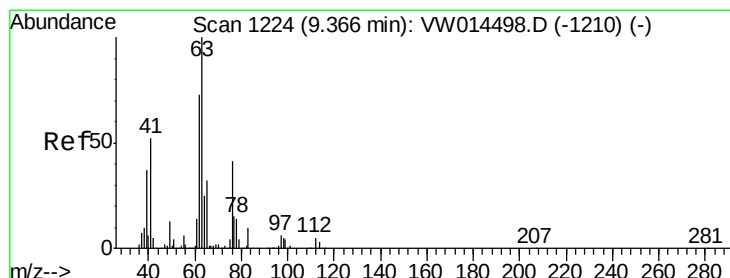
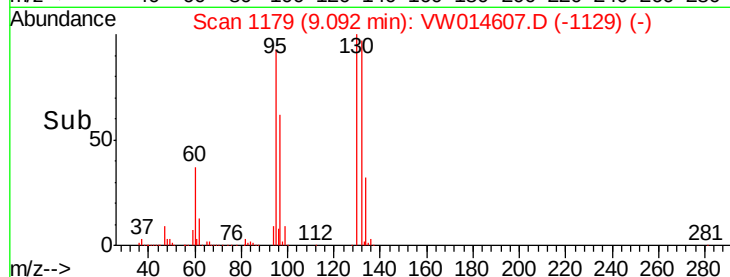
300000

200000

100000

0

Time-->



#45

1,2-Dichloropropane

Concen: 59.433 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW014607.D

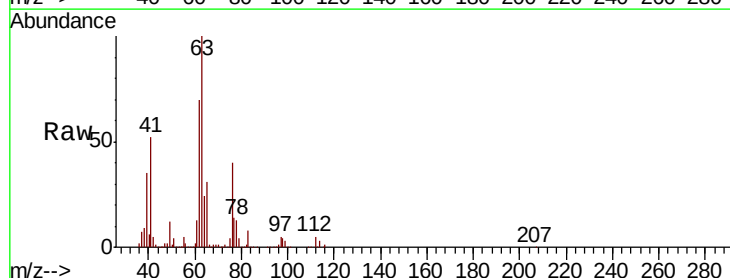
Acq: 10 Jan 2020 18:36

Tgt Ion: 63 Resp: 474093

Ion Ratio Lower Upper

63 100

65 31.0 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

250000

200000

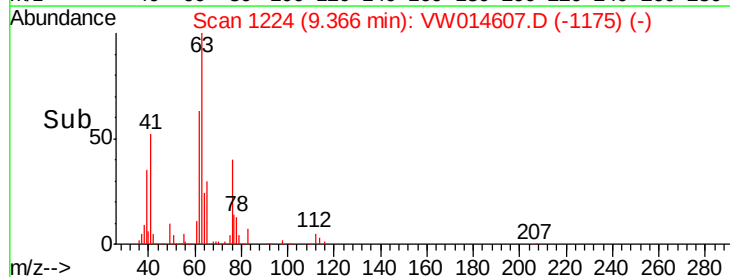
150000

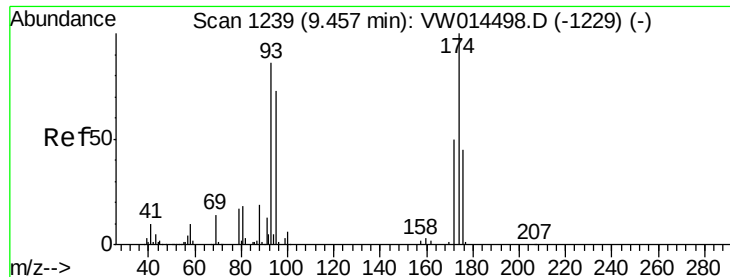
100000

50000

0

Time-->





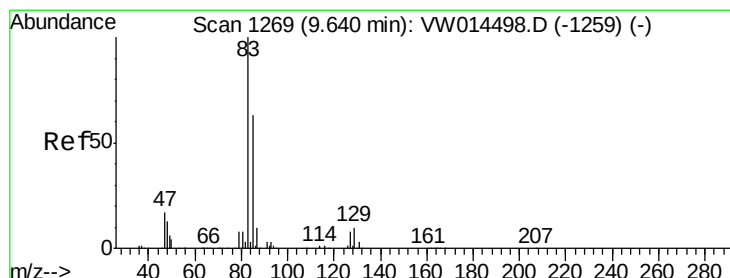
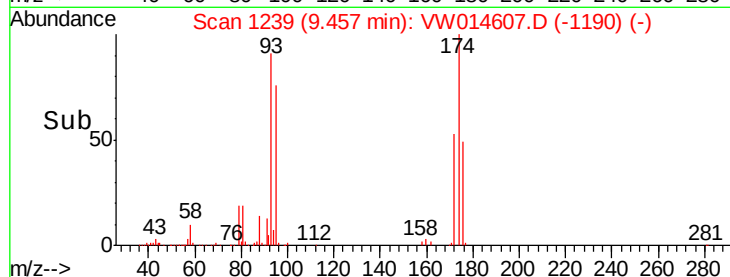
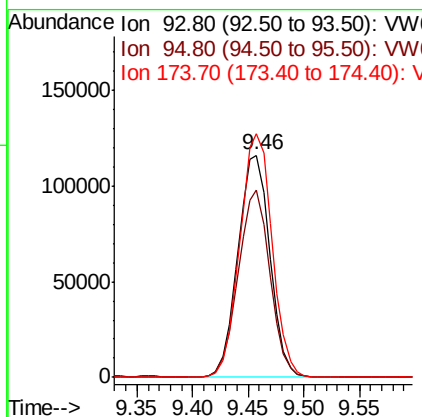
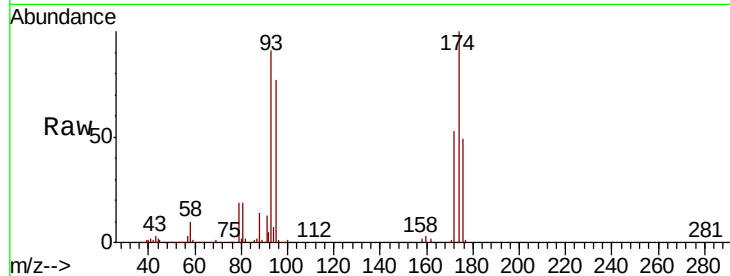
#46  
Dibromomethane  
Concen: 58.851 ug/l  
RT: 9.46 min Scan# 1239  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 231753 |       |       |
| 95      | 83.4  | 66.4   | 99.6  |       |
| 174     | 111.0 | 89.1   | 133.7 |       |

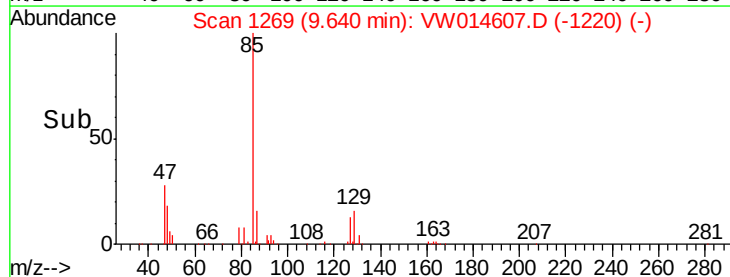
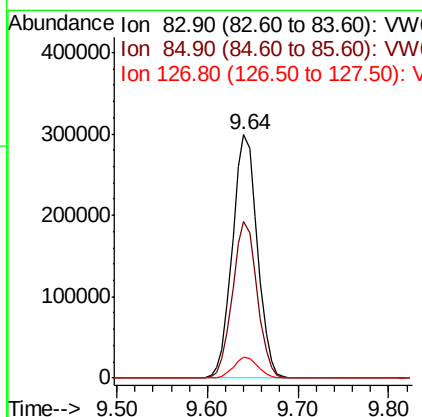
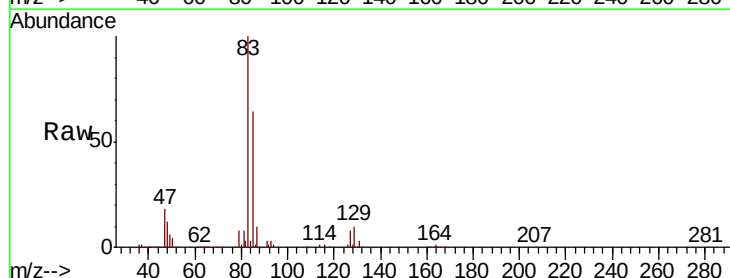
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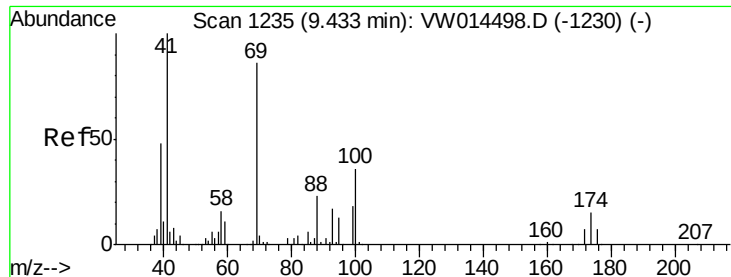
MMDadoda  
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#47  
Bromodichloromethane  
Concen: 58.558 ug/l  
RT: 9.64 min Scan# 1269  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 569314 |       |       |
| 85      | 64.1  | 50.6   | 76.0  |       |
| 127     | 8.4   | 6.6    | 9.8   |       |





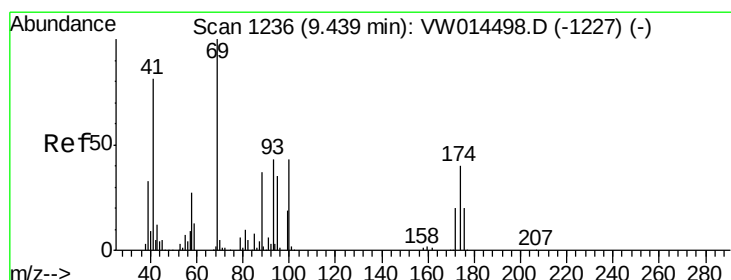
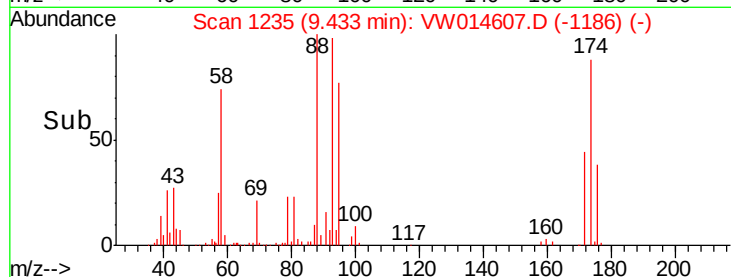
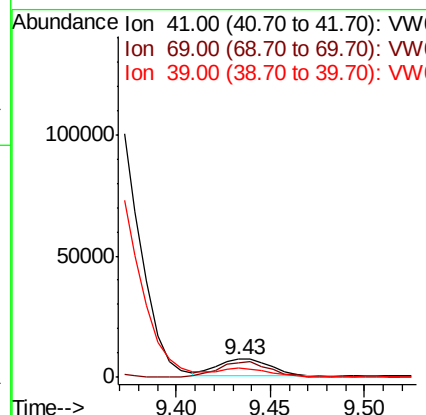
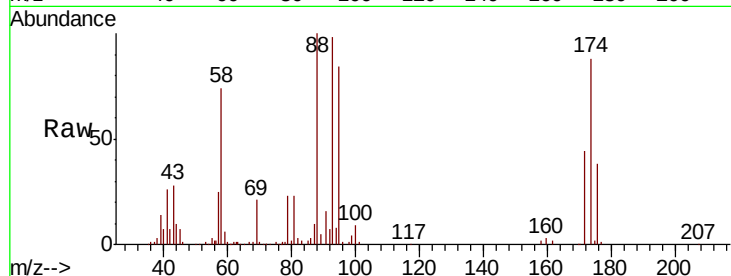
#48  
Methvl methacrylate  
Concen: 2.982 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 13776 |       |       |
| 69      | 88.6  |       | 68.3  | 102.5 |
| 39      | 38.8  |       | 36.8  | 55.2  |

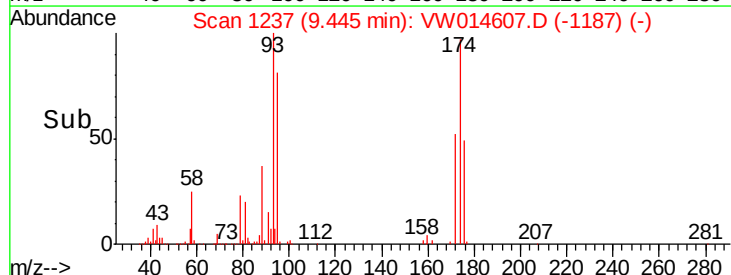
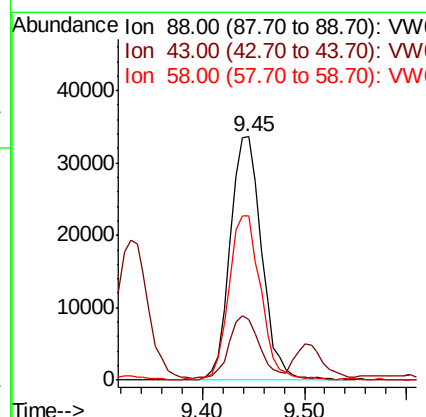
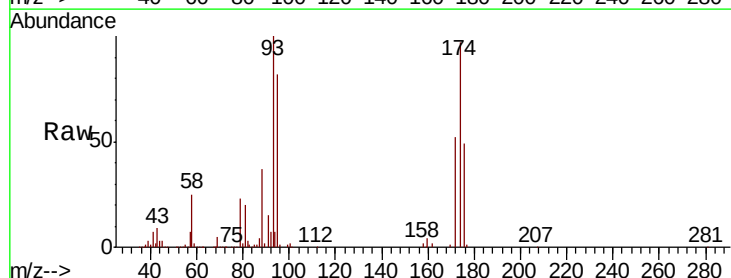
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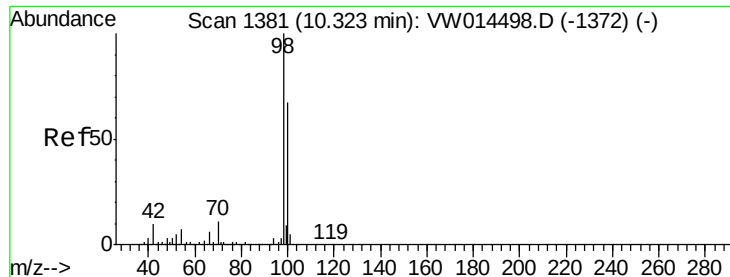
MMDadoda  
1/13/2020 12:01:43 PM



#49  
1,4-Dioxane  
Concen: 975.897 ug/l  
RT: 9.45 min Scan# 1237  
Delta R.T. 0.01 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 88      | 100   | 71878 |       |       |
| 43      | 24.3  |       | 24.9  | 37.3# |
| 58      | 67.9  |       | 56.9  | 85.3  |





#50

Toluene-d8

Concen: 56.428 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion: 98 Resp: 1603938

Ion Ratio Lower Upper

98 100

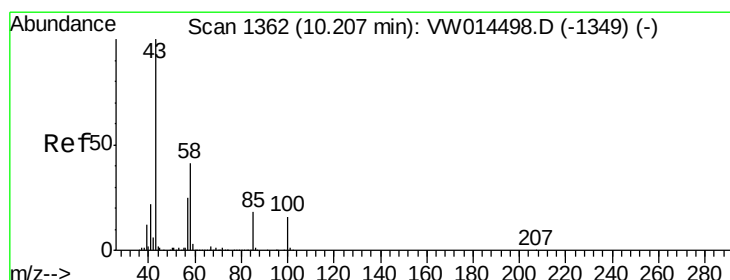
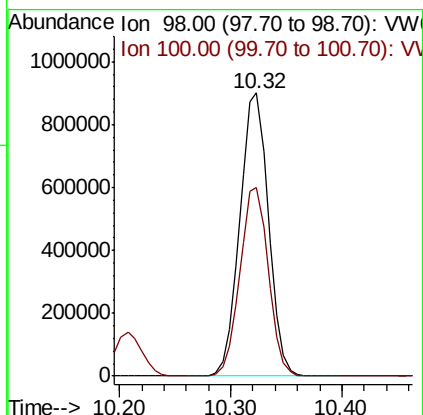
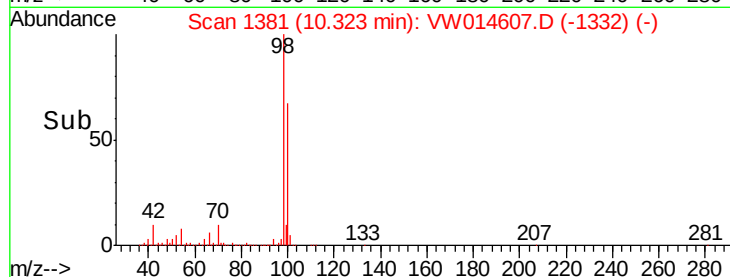
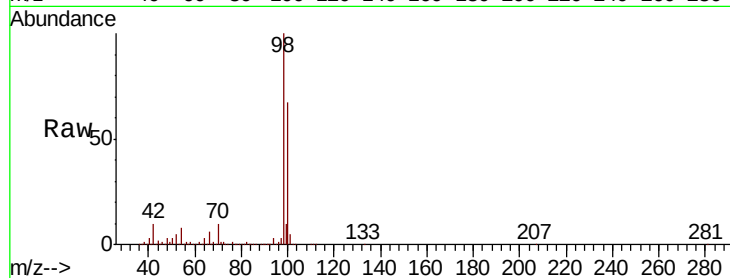
100 66.4 53.8 80.6

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#51

4-Methyl-2-Pentanone

Concen: 294.209 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW014607.D

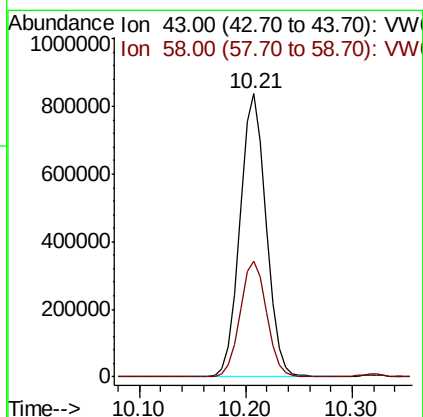
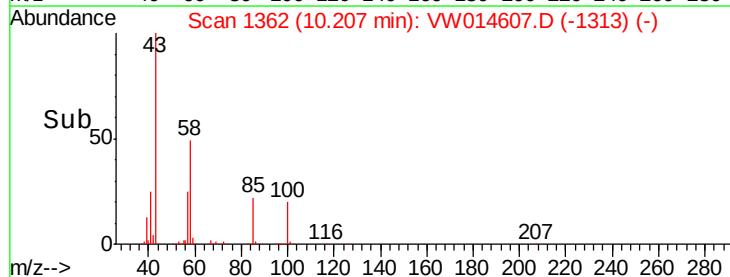
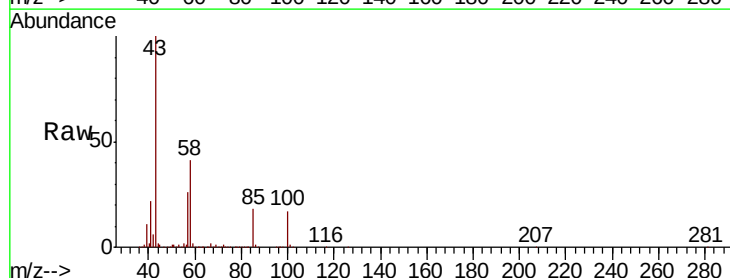
Acq: 10 Jan 2020 18:36

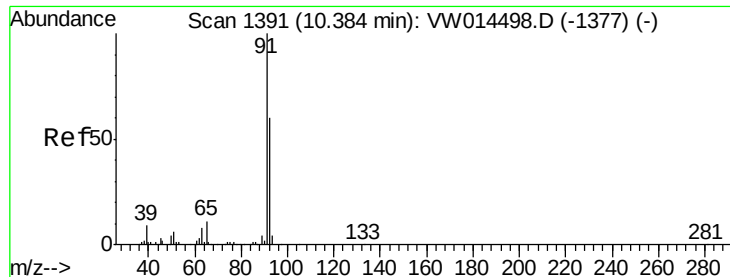
Tgt Ion: 43 Resp: 1445649

Ion Ratio Lower Upper

43 100

58 41.5 32.7 49.1





#52

Toluene

Concen: 58.428 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion: 92 Resp: 1194878

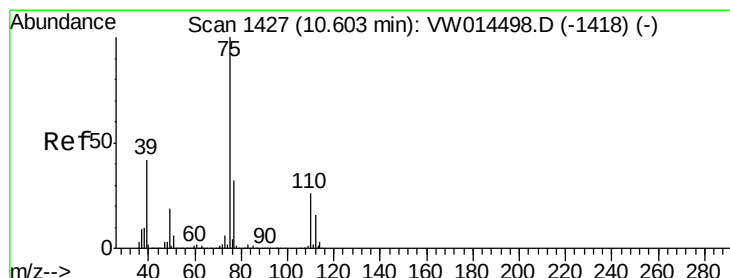
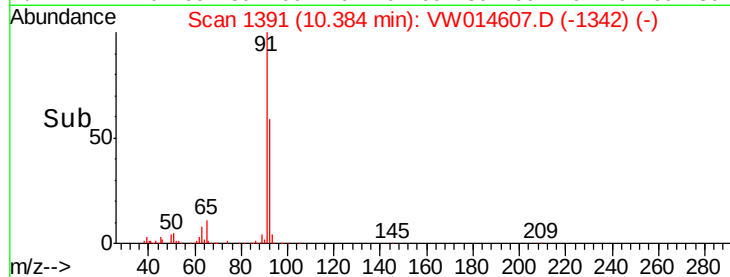
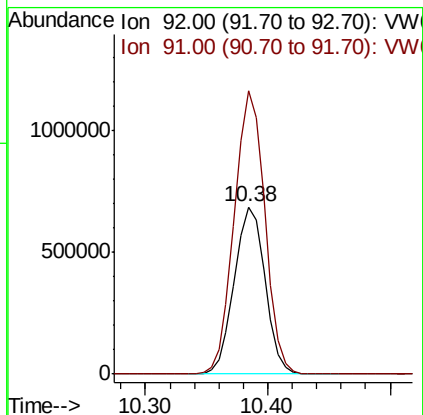
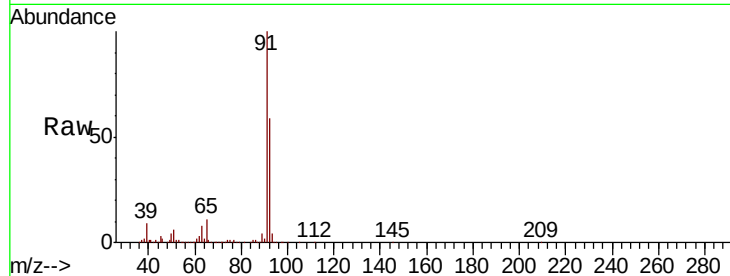
Ion Ratio Lower Upper

92 100

91 168.7 134.1 201.1

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#53

t-1,3-Dichloropropene

Concen: 58.941 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014607.D

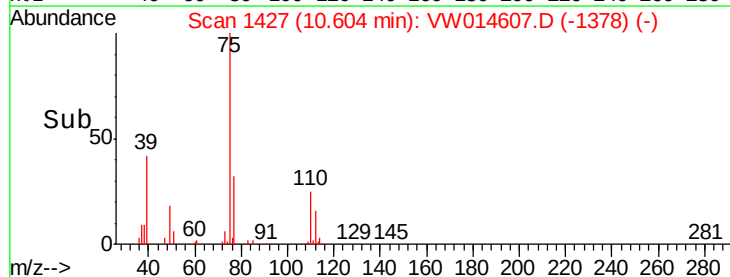
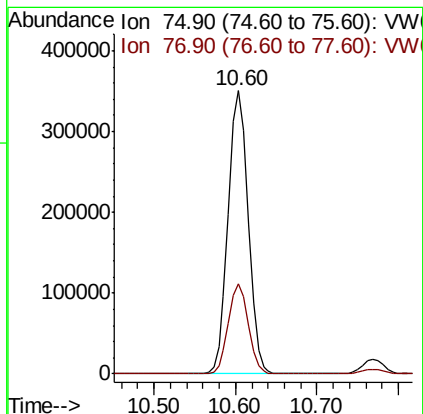
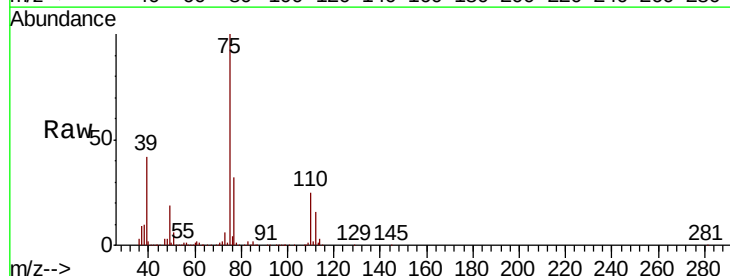
Acq: 10 Jan 2020 18:36

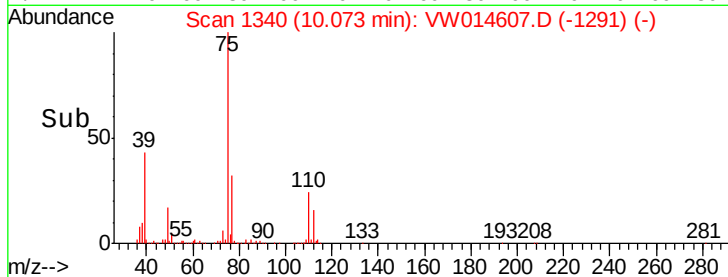
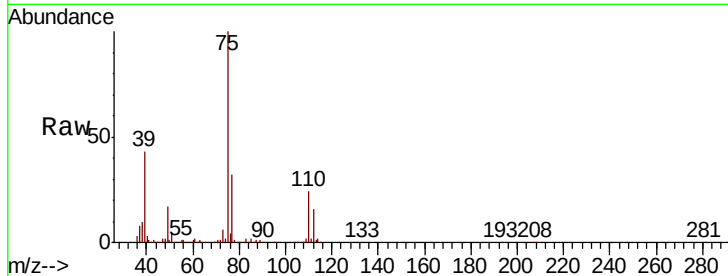
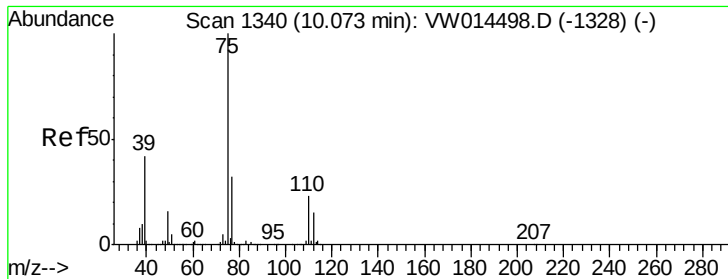
Tgt Ion: 75 Resp: 593318

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2





#54

cis-1,3-Dichloropropene

Concen: 58.238 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 716485 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 31.6  | 25.4  | 38.0   |
| 39        | 42.6  | 33.4  | 50.2   |

Instrument :

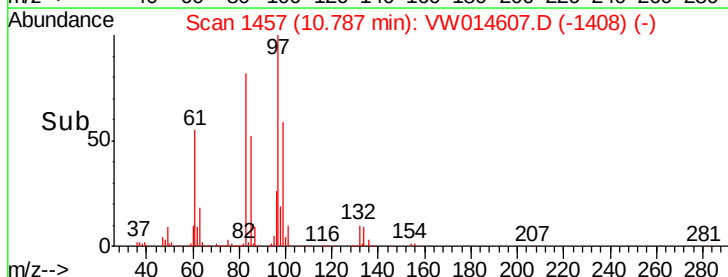
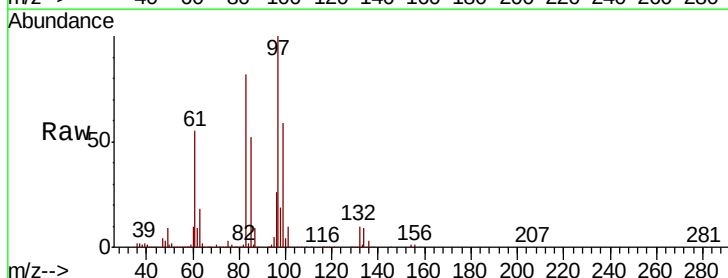
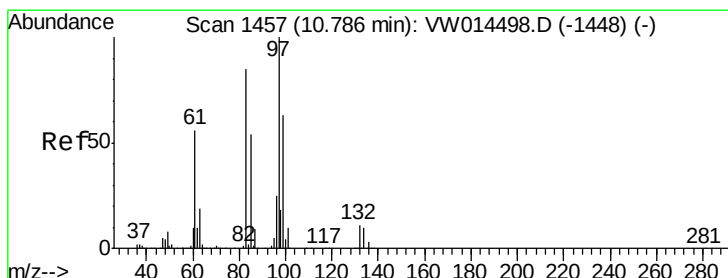
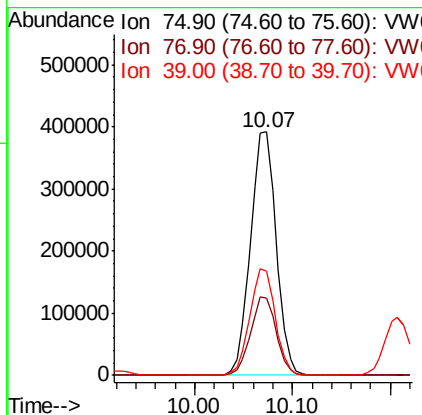
MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

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#55

1,1,2-Trichloroethane

Concen: 52.354 ug/l

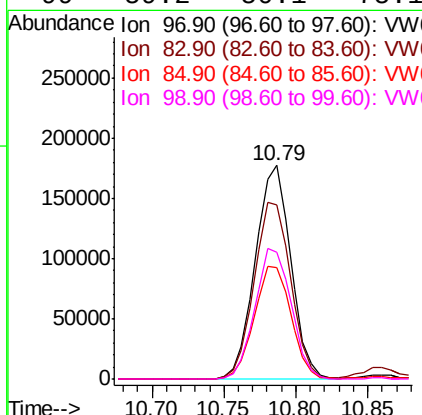
RT: 10.79 min Scan# 1457

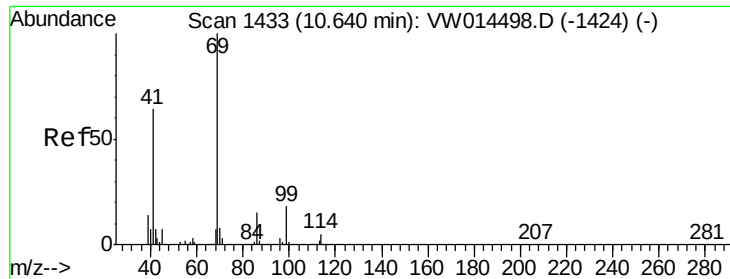
Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 301105 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 81.8  | 68.2  | 102.4  |
| 85        | 52.2  | 43.0  | 64.4   |
| 99        | 59.2  | 50.1  | 75.1   |





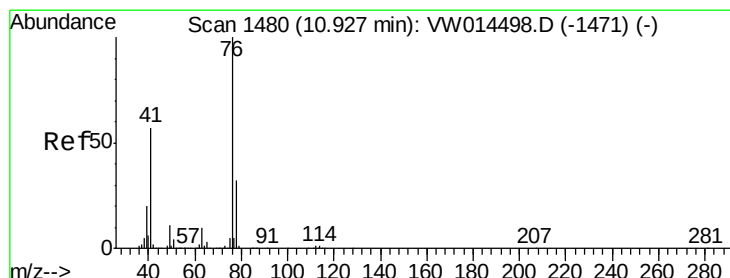
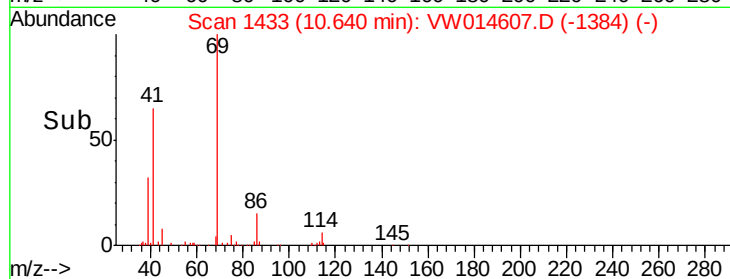
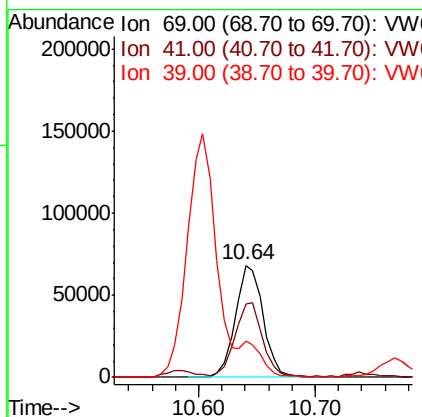
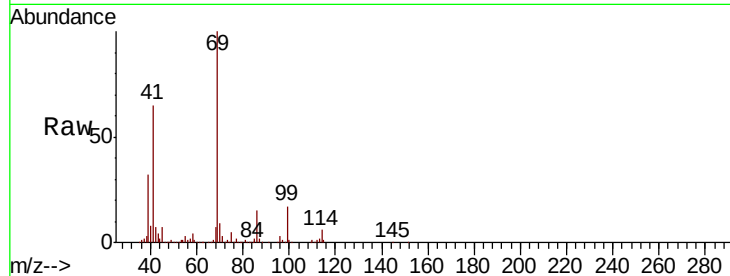
#56  
Ethyl methacrylate  
Concen: 15.095 ug/l  
RT: 10.64 min Scan# 1433  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 65.2  | 51.3  | 76.9  |
| 39      | 0.0   | 21.0  | 31.6  |

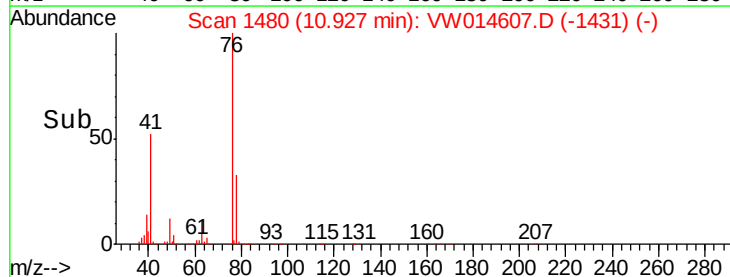
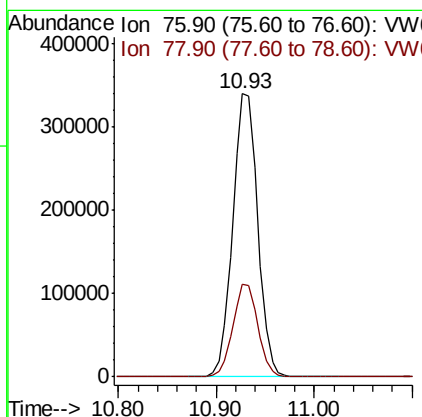
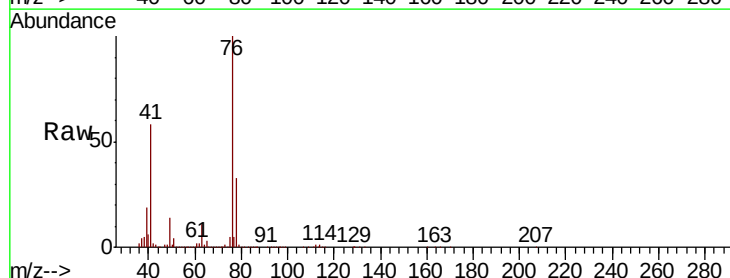
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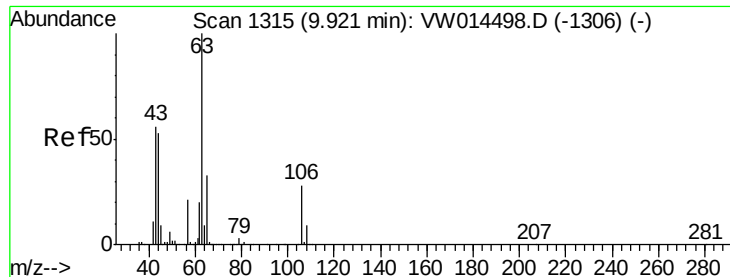


#57  
1,3-Dichloropropane  
Concen: 59.476 ug/l  
RT: 10.93 min Scan# 1480  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.8  | 25.9  | 38.9  |







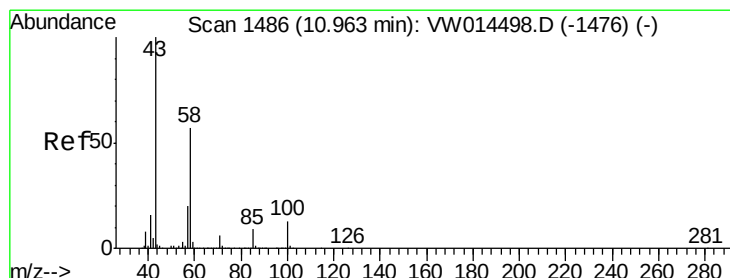
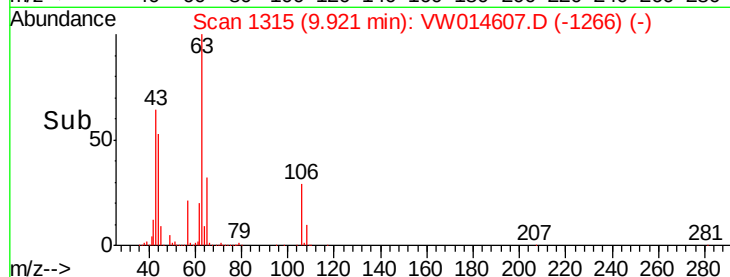
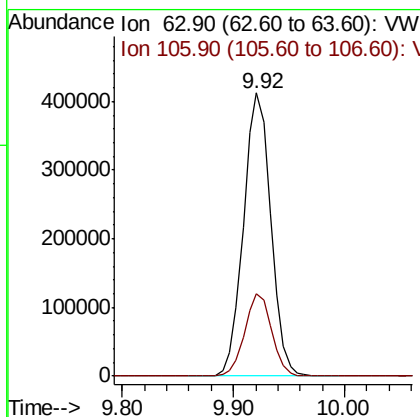
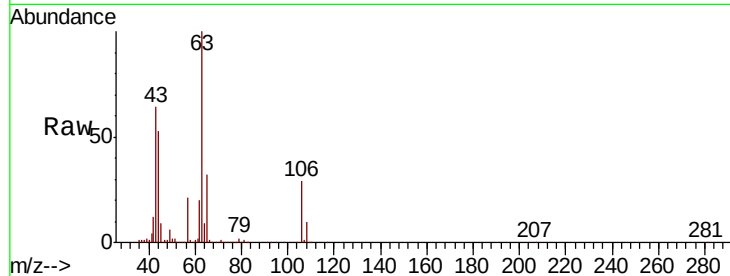
#58  
2-Chloroethyl Vinyl ether  
Concen: 308.901 ug/l  
RT: 9.92 min Scan# 1315  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

Tot Ion: 63 Resp: 702194  
Ion Ratio Lower Upper  
63 100  
106 28.8 23.0 34.6

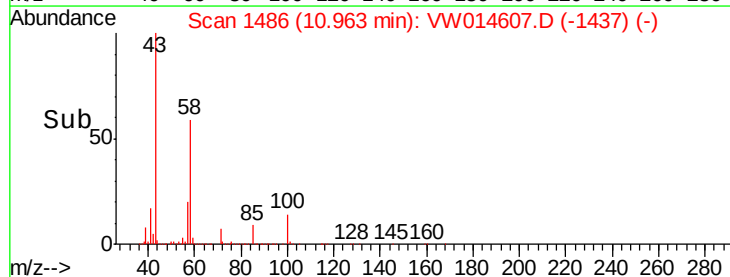
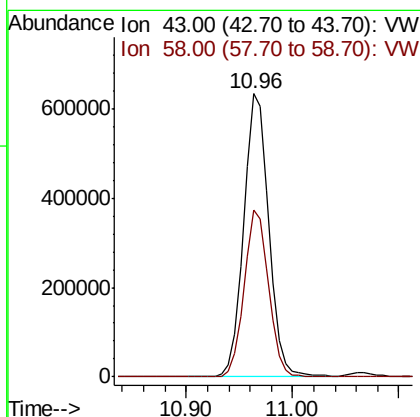
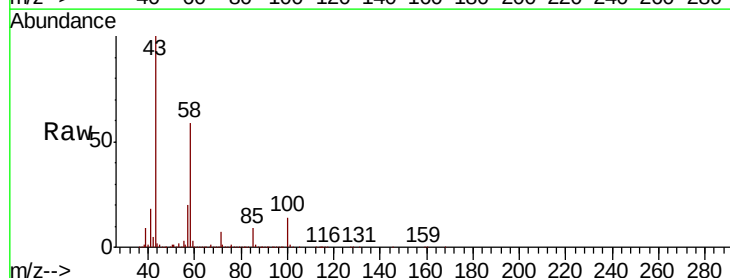
Manual Integrations  
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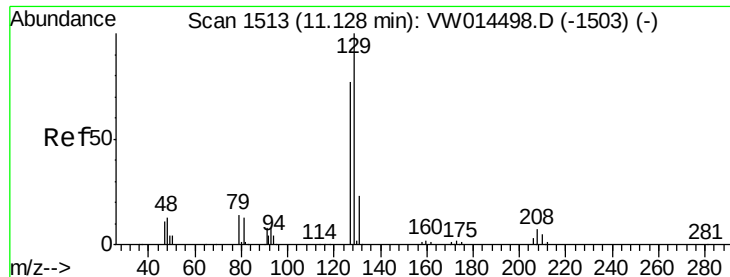
MMDadoda  
1/13/2020 12:01:43 PM



#59  
2-Hexanone  
Concen: 310.054 ug/l  
RT: 10.96 min Scan# 1486  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Tgt Ion: 43 Resp: 1049828  
Ion Ratio Lower Upper  
43 100  
58 57.6 28.7 86.3





#60

Dibromochloromethane

Concen: 58.687 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion:129 Resp: 380832

Ion Ratio Lower Upper

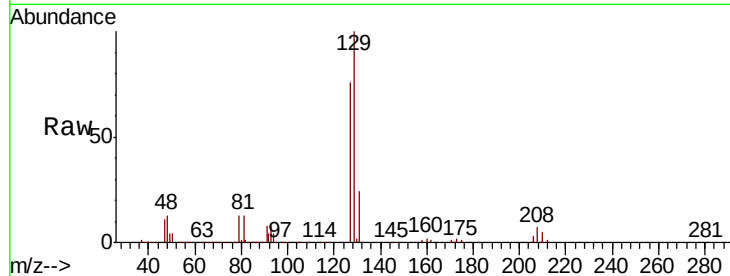
129 100

127 76.4 38.1 114.5

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.13

200000

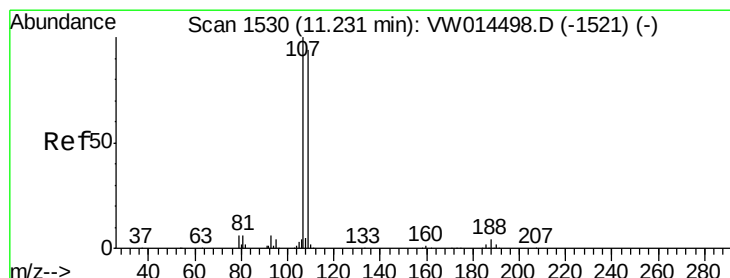
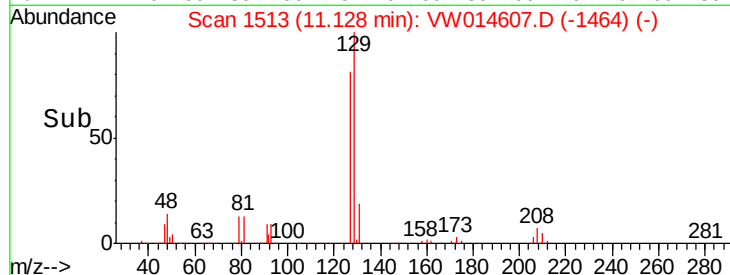
150000

100000

50000

0

Time--> 11.00 11.10 11.20



#61

1,2-Dibromoethane

Concen: 58.439 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW014607.D

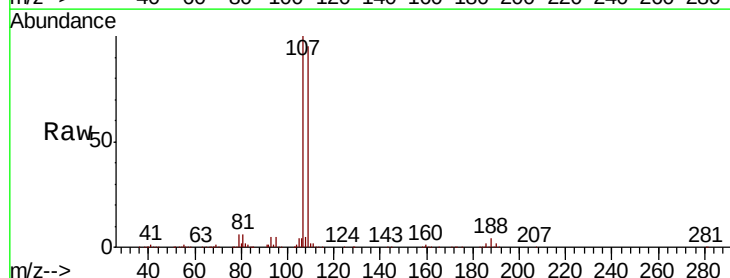
Acq: 10 Jan 2020 18:36

Tgt Ion:107 Resp: 319035

Ion Ratio Lower Upper

107 100

109 94.6 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

200000

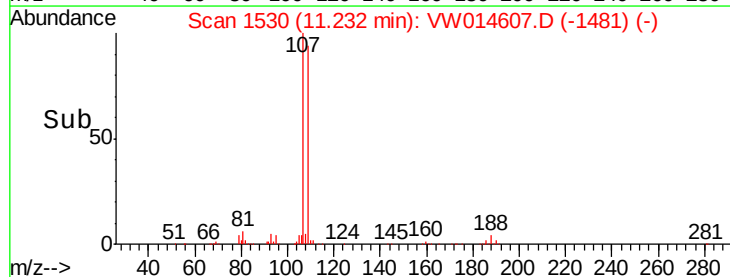
150000

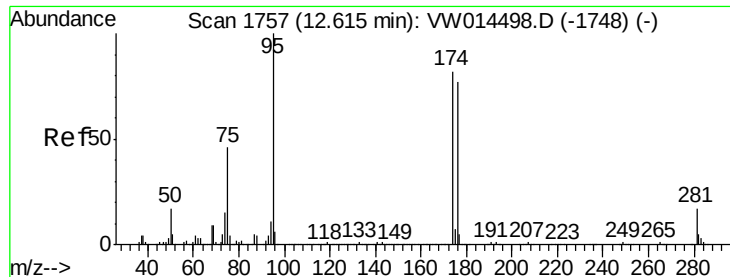
100000

50000

0

Time--> 11.10 11.20 11.30





#62

4-Bromofluorobenzene

Concen: 56.547 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

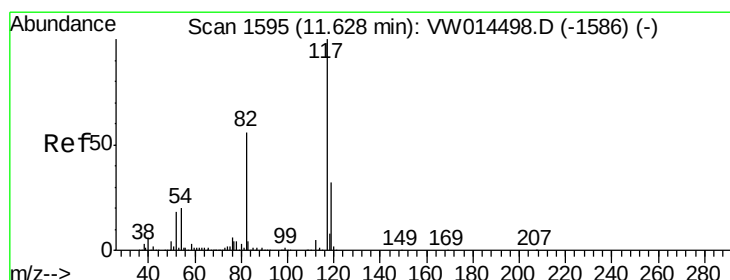
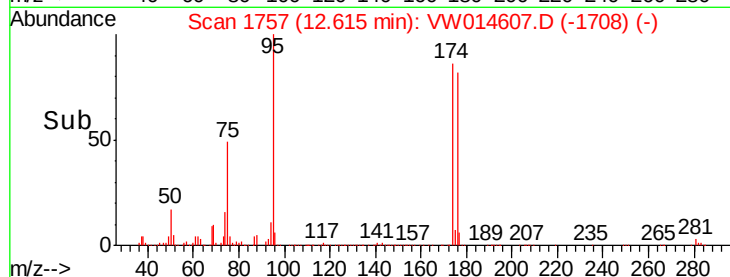
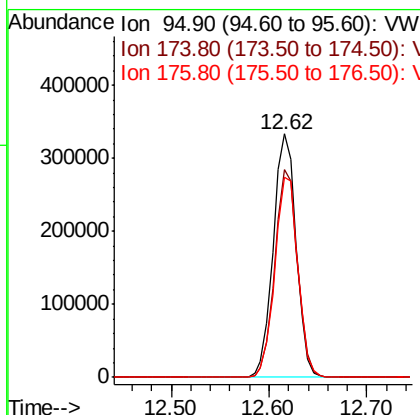
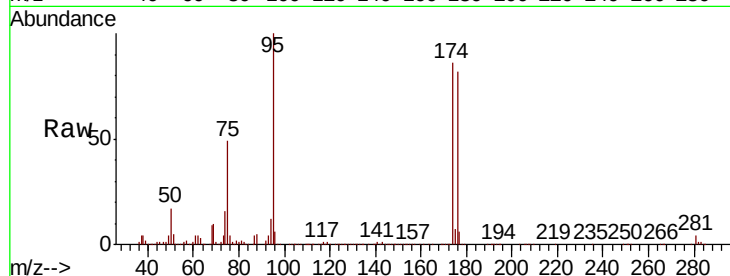
ClientSampleId :

SB-3H-(8.5-10.5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 95    | Resp: | 545184 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 84.7  | 0.0   | 168.6  |
| 176       | 83.0  | 0.0   | 162.0  |

Manual Integrations  
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

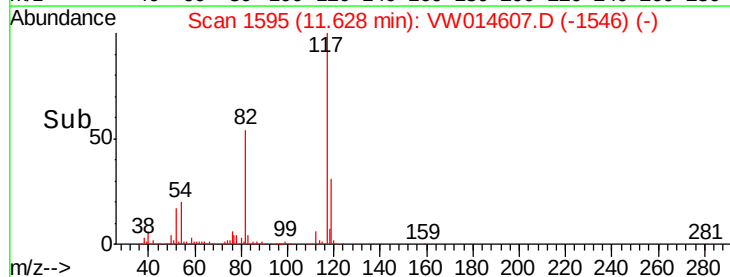
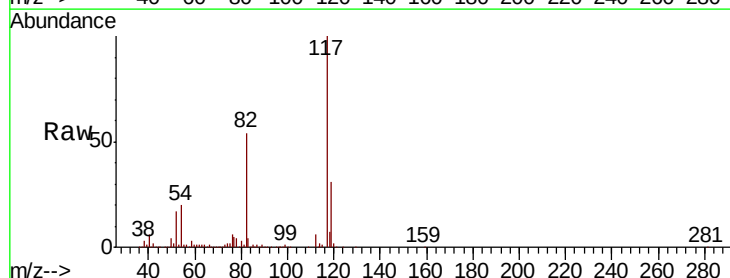
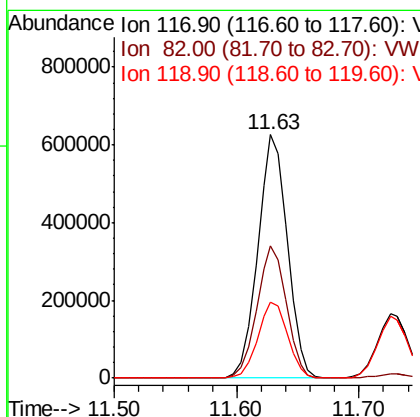
RT: 11.63 min Scan# 1595

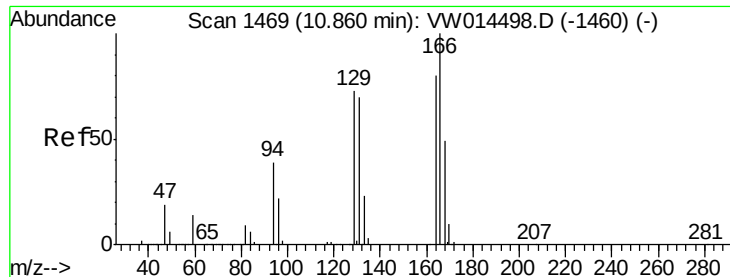
Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 117   | Resp: | 1052102 |
| Ion Ratio | Lower | Upper |         |
| 117       | 100   |       |         |
| 82        | 54.1  | 44.6  | 67.0    |
| 119       | 31.3  | 25.7  | 38.5    |





#64

Tetrachloroethene

Concen: 96.585 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion:164 Resp: 735671

Ion Ratio Lower Upper

164 100

166 126.1 99.8 149.6

129 89.7 72.4 108.6

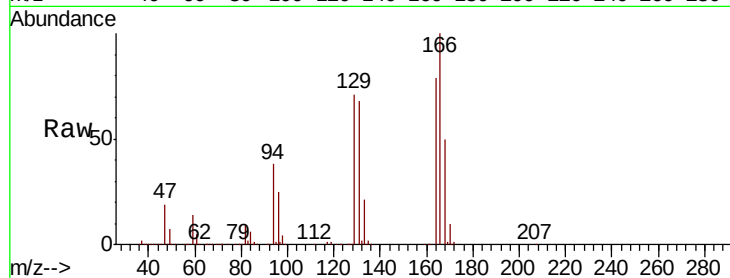
131 86.2 70.1 105.1

Manual Integrations

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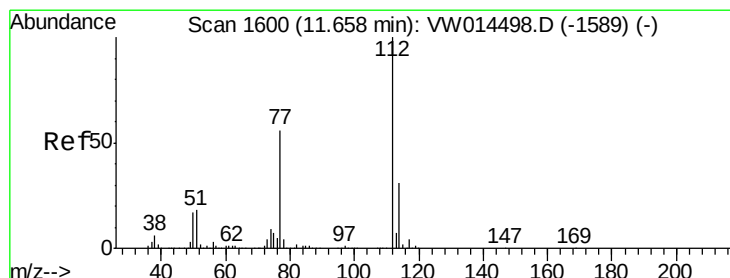
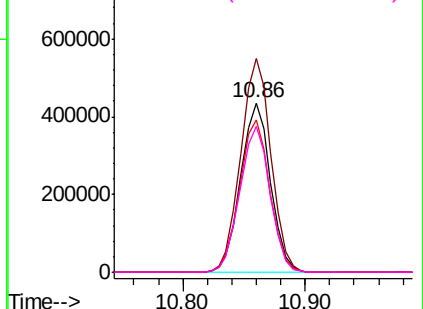
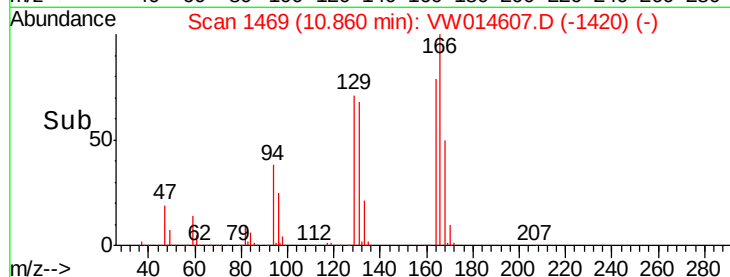


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 56.650 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014607.D

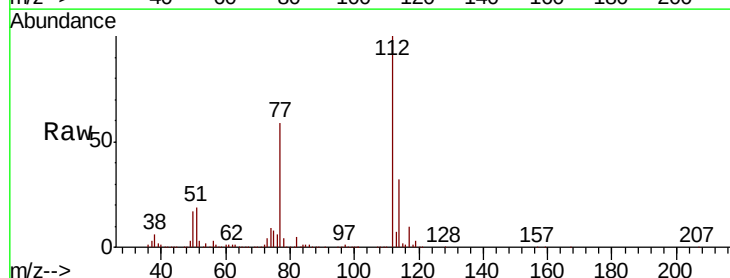
Acq: 10 Jan 2020 18:36

Tgt Ion:112 Resp: 1221057

Ion Ratio Lower Upper

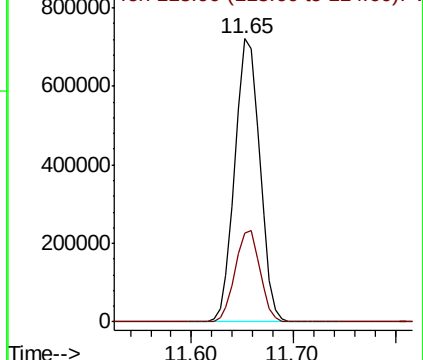
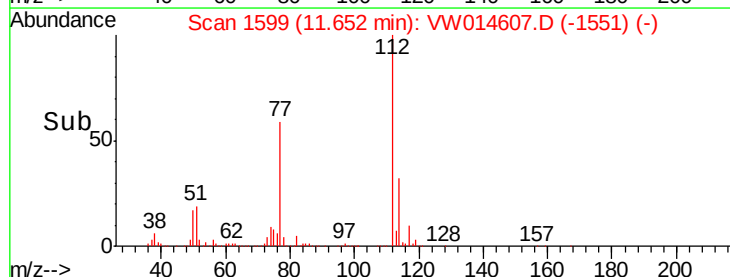
112 100

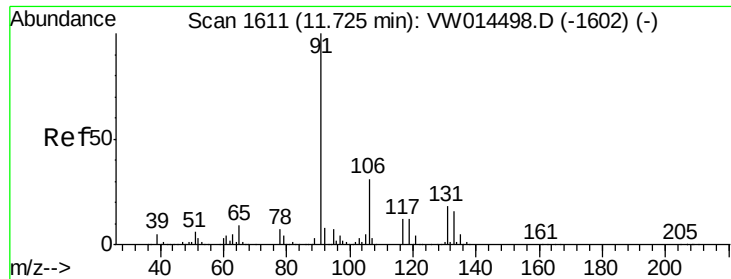
114 31.6 24.6 37.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





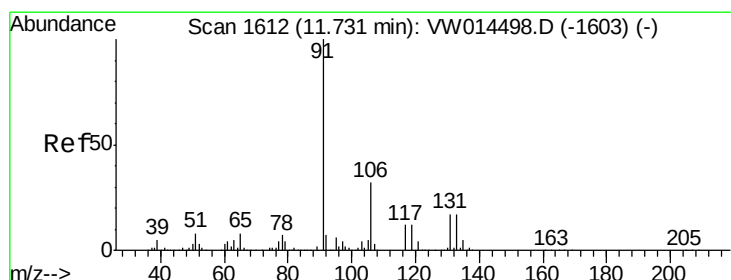
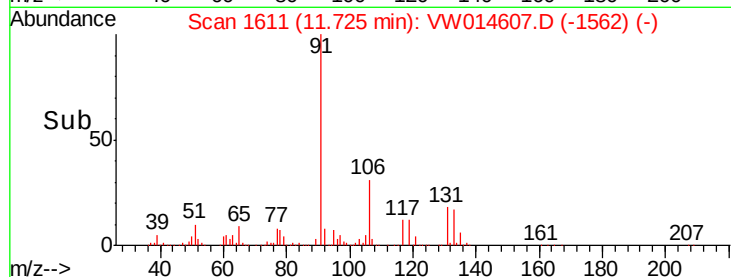
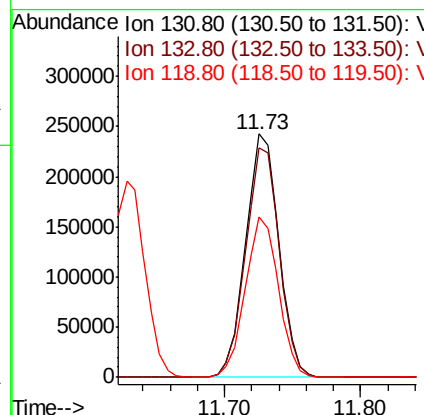
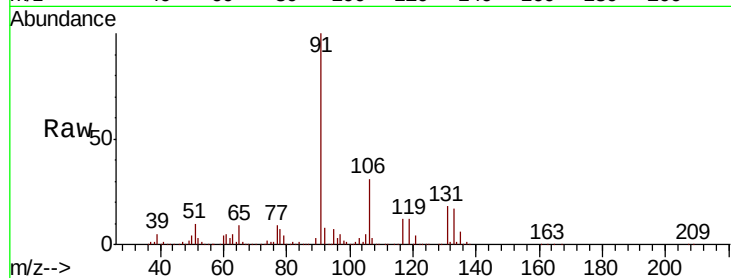
#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 57.183 ug/l  
 RT: 11.73 min Scan# 1611  
 Delta R.T. 0.00 min  
 Lab File: VW014607.D  
 Acq: 10 Jan 2020 18:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.9  | 47.3  | 142.0 |
| 119     | 66.0  | 33.1  | 99.3  |

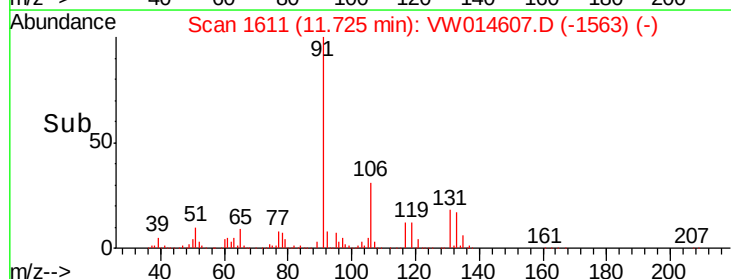
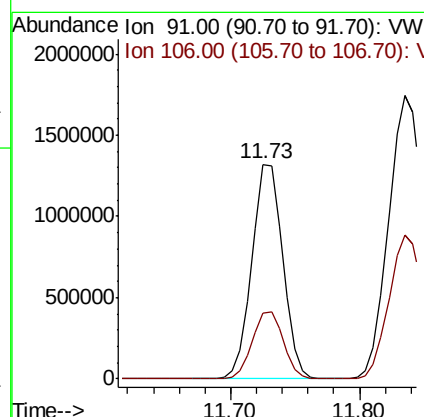
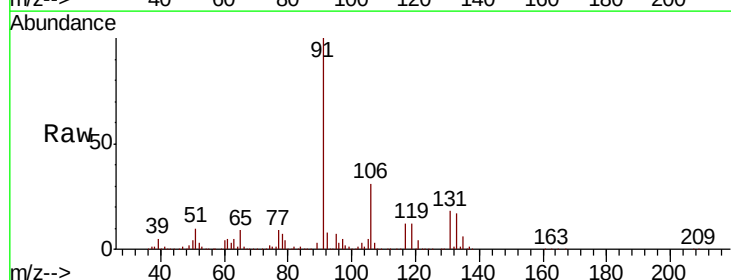
Manual Integrations  
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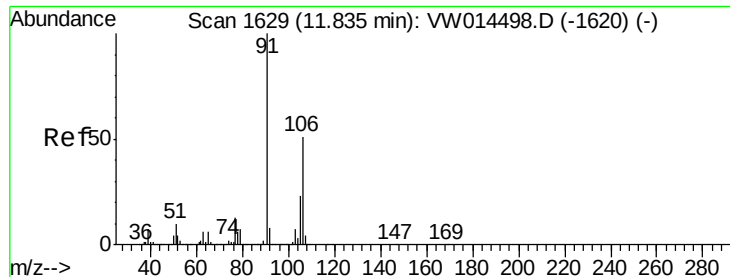
MMDadoda  
 1/13/2020 12:01:43 PM



#67  
 Ethyl Benzene  
 Concen: 56.088 ug/l  
 RT: 11.73 min Scan# 1611  
 Delta R.T. -0.01 min  
 Lab File: VW014607.D  
 Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 30.7  | 25.5  | 38.3  |





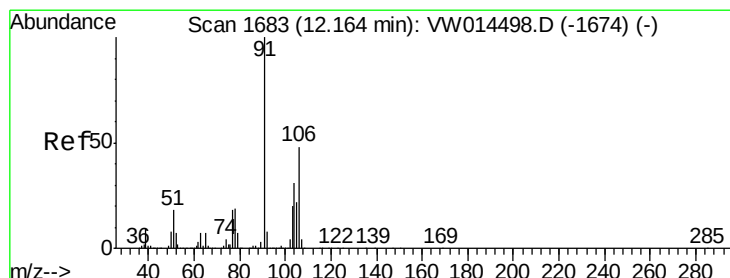
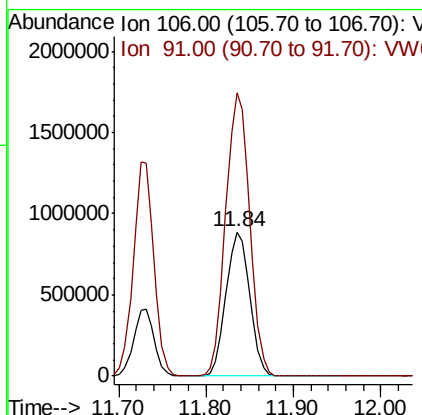
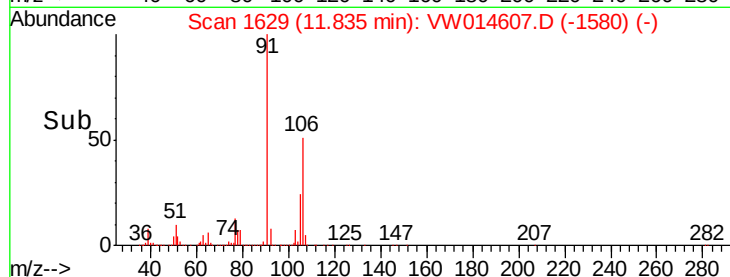
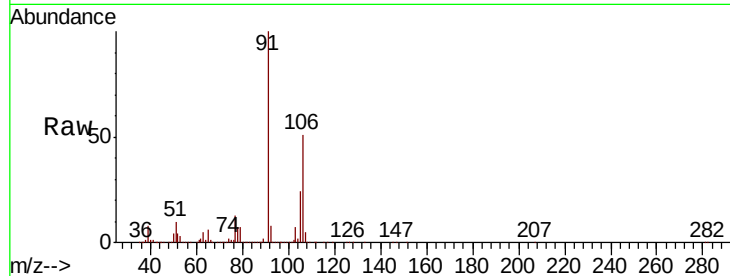
#68  
m/p-Xylenes  
Concen: 112.177 ug/l  
RT: 11.84 min Scan# 1629  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampled :  
SB-3H-(8.5-10.5)MS

Tot Ion:106 Resp: 1667686  
Ion Ratio Lower Upper  
106 100  
91 198.6 159.0 238.6

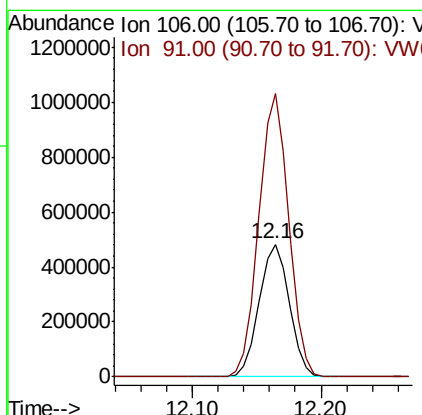
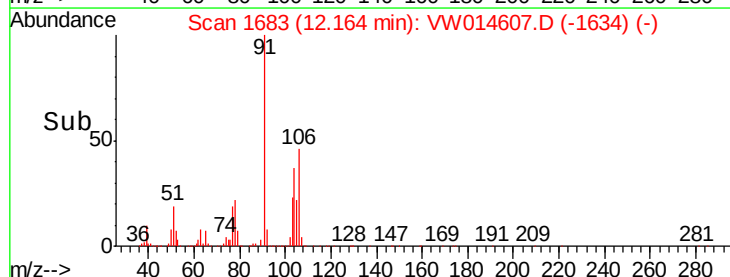
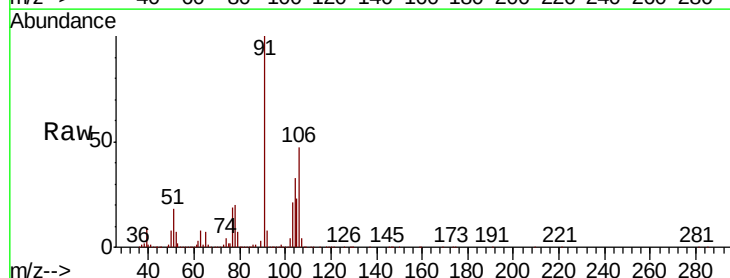
Manual Integrations  
APPROVED

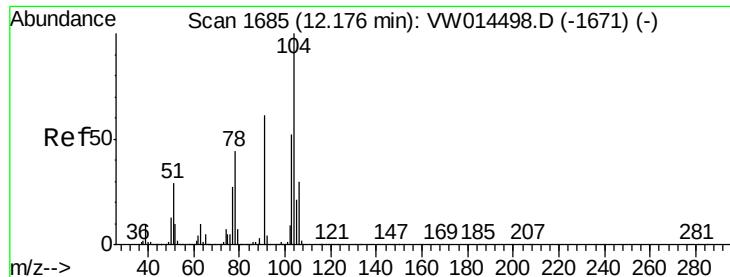
MMDadoda  
1/13/2020 12:01:43 PM



#69  
o-Xylene  
Concen: 56.937 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Tgt Ion:106 Resp: 781881  
Ion Ratio Lower Upper  
106 100  
91 211.0 105.2 315.6





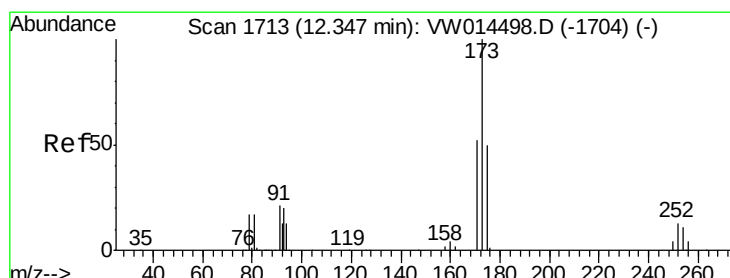
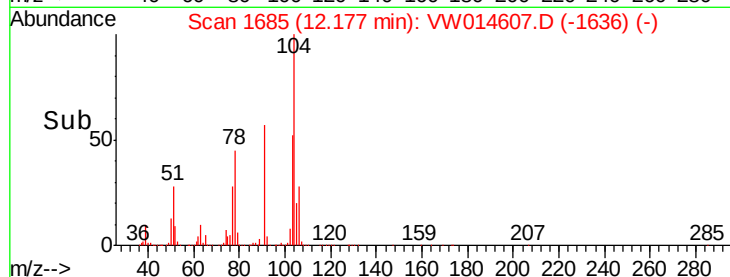
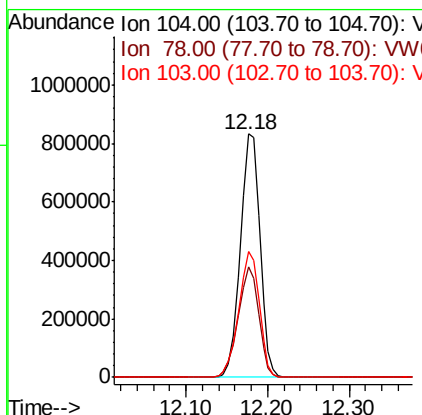
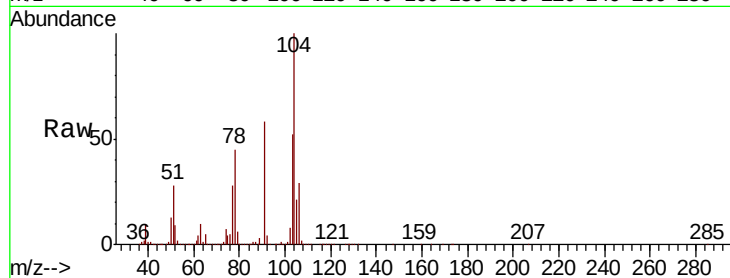
#70  
Stvrene  
Concen: 59.113 ug/l  
RT: 12.18 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 47.7  | 38.4  | 57.6  |
| 103     | 54.2  | 43.7  | 65.5  |

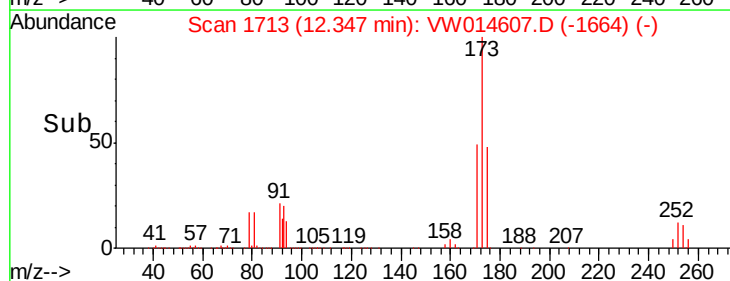
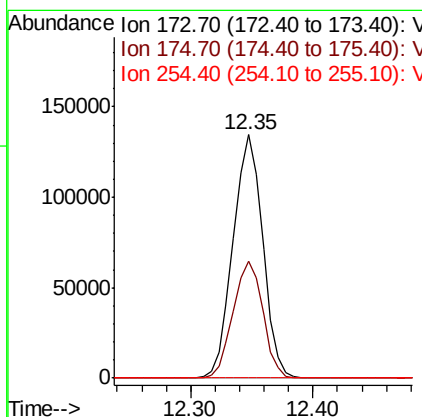
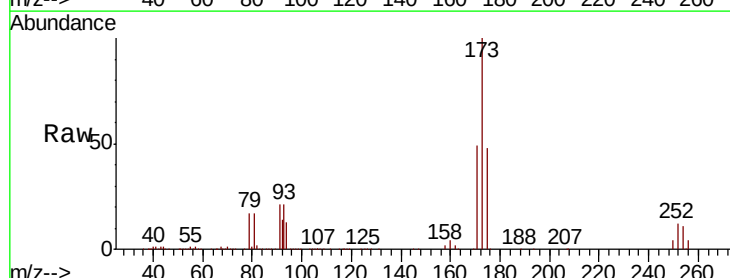
Manual Integrations  
APPROVED

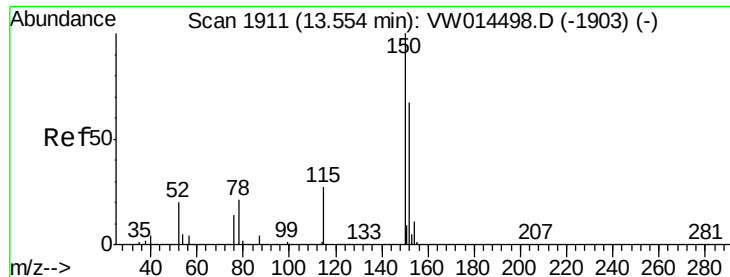
MMDadoda  
1/13/2020 12:01:43 PM



#71  
Bromoform  
Concen: 56.880 ug/l  
RT: 12.35 min Scan# 1713  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.3  | 24.5  | 73.5  |
| 254     | 0.0   | 0.0   | 0.0#  |





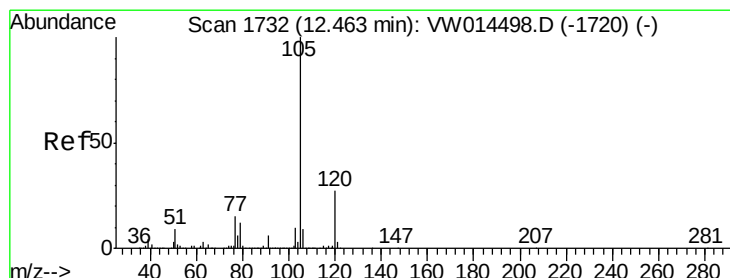
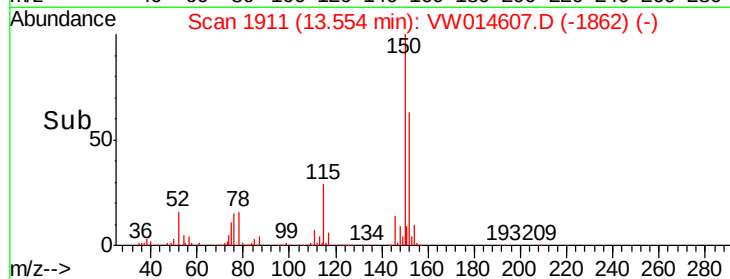
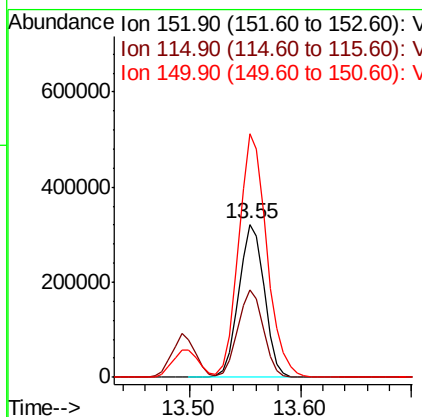
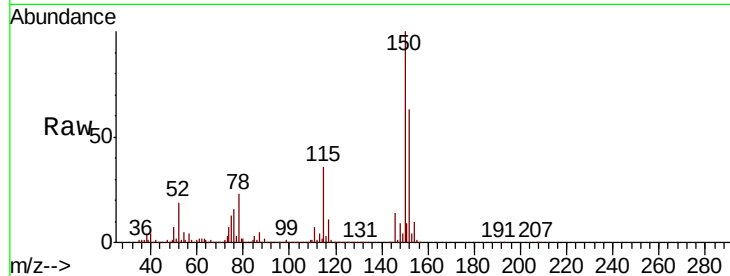
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.55 min Scan# 1911  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 56.6  | 27.7  | 83.1  |
| 150     | 174.4 | 0.0   | 343.4 |

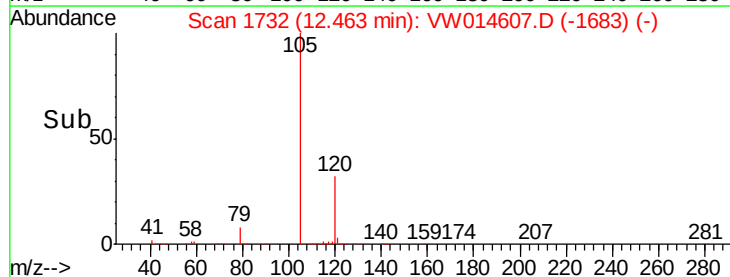
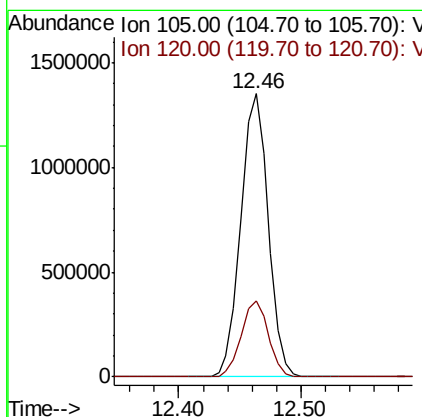
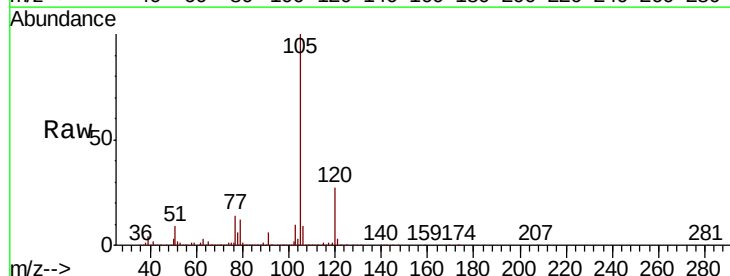
Manual Integrations  
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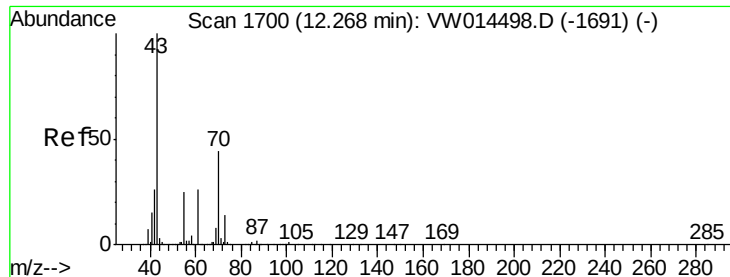


#73  
Isopropylbenzene  
Concen: 55.934 ug/l  
RT: 12.46 min Scan# 1732  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.7  | 13.4  | 40.1  |







#74

N-amvl acetate

Concen: 2.634 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

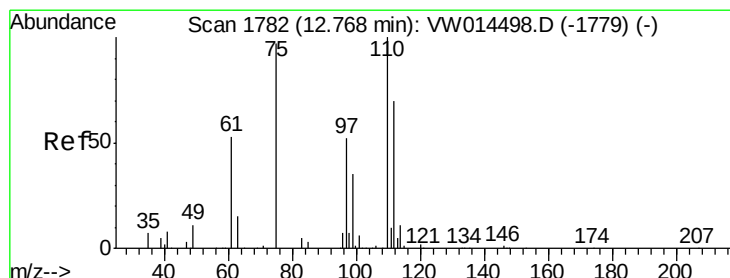
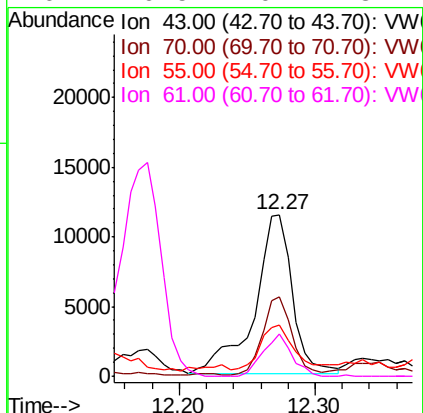
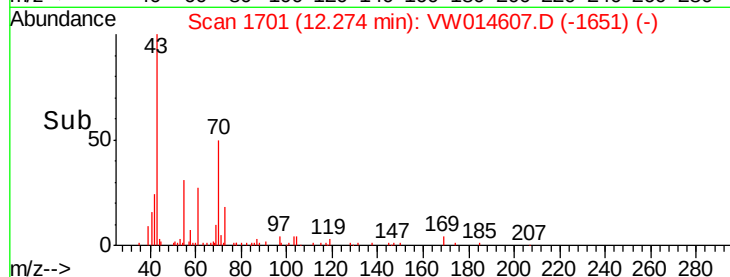
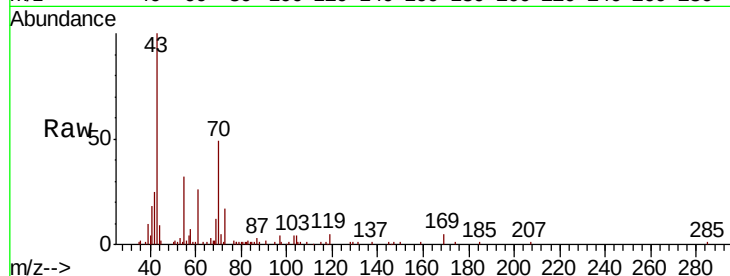
ClientSampleId :

SB-3H-(8.5-10.5)MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 43    | Resp: | 22132 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 70        | 37.8  | 36.5  | 54.7  |
| 55        | 26.1  | 20.9  | 31.3  |
| 61        | 20.5  | 20.7  | 31.1# |

Manual Integrations  
APPROVED

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1/13/2020 12:01:43 PM



#76

1,2,3-Trichloropropane

Concen: 58.024 ug/l m

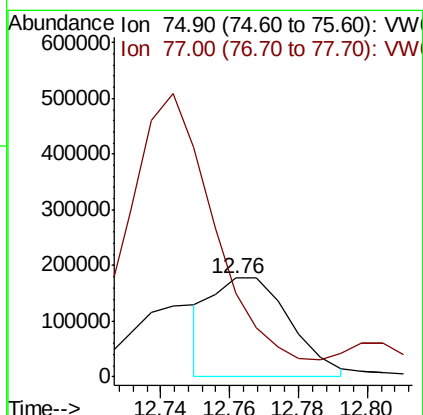
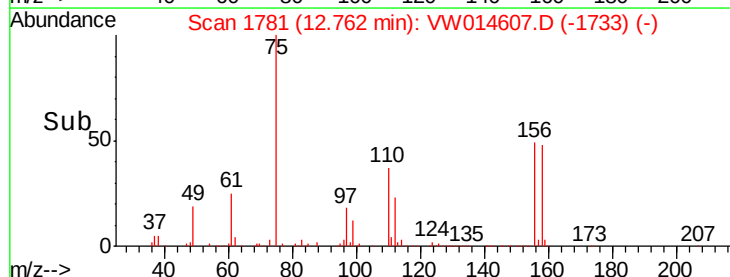
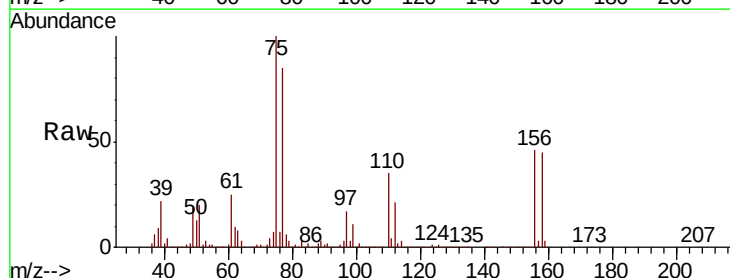
RT: 12.76 min Scan# 1781

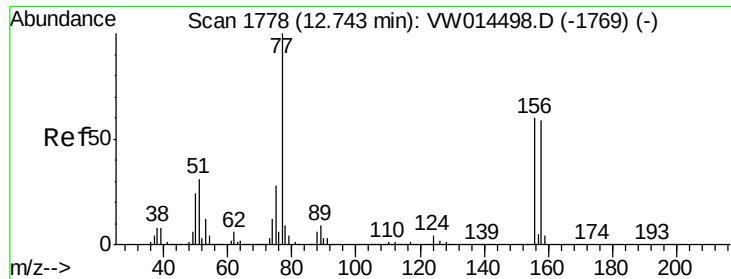
Delta R.T. -0.01 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 280170 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 328.7 | 0.0   | 0.0#   |





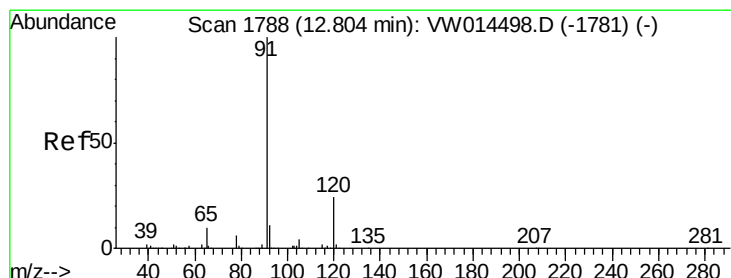
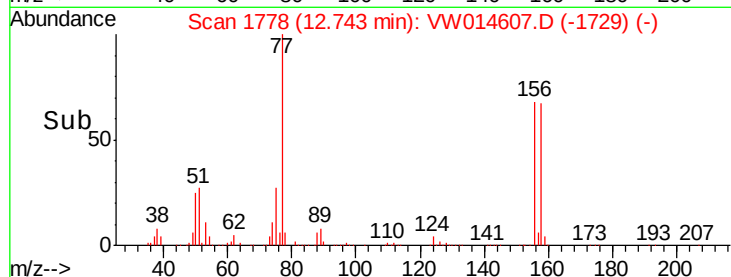
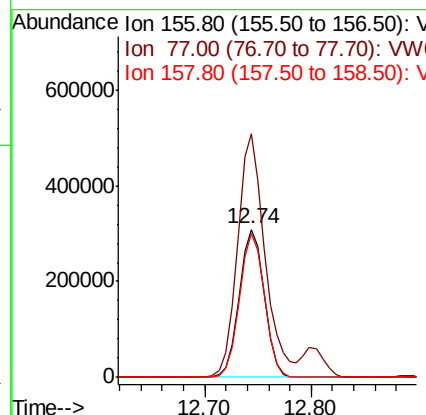
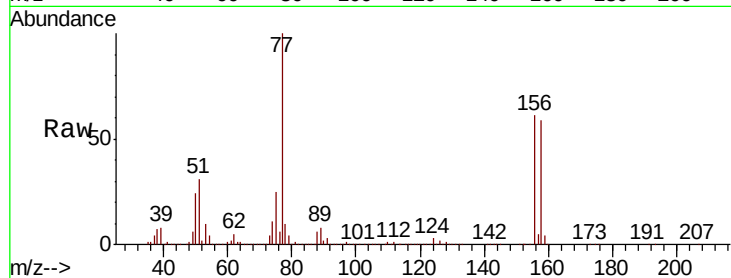
#77  
Bromobenzene  
Concen: 58.454 ug/l  
RT: 12.74 min Scan# 1778  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 181.0 | 92.3  | 277.1 |
| 158     | 97.2  | 48.6  | 145.9 |

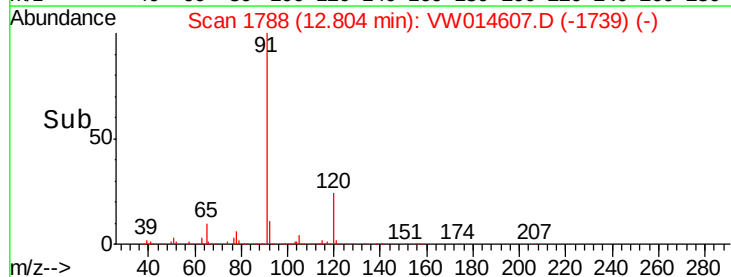
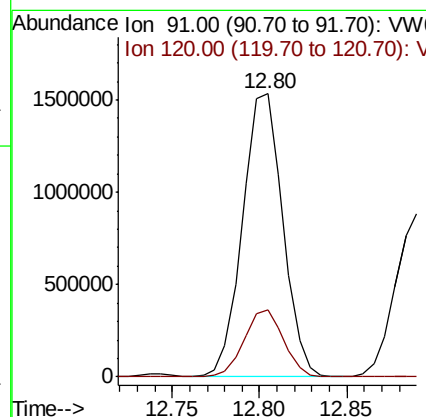
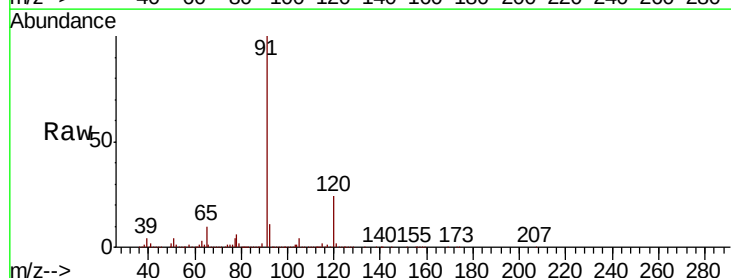
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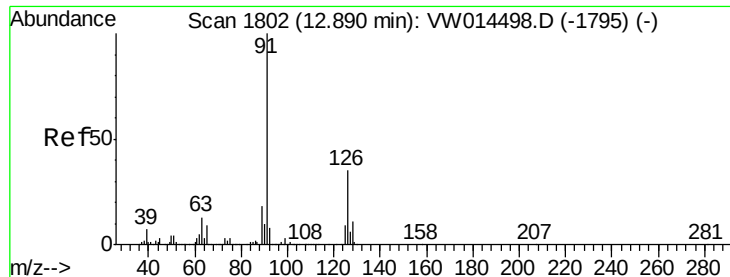
MMDadoda  
1/13/2020 12:01:43 PM



#78  
n-propylbenzene  
Concen: 55.543 ug/l  
RT: 12.80 min Scan# 1788  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.2  | 11.7  | 35.1  |





#79

2-Chlorotoluene

Concen: 56.450 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion: 91 Resp: 1415506

Ion Ratio Lower Upper

91 100

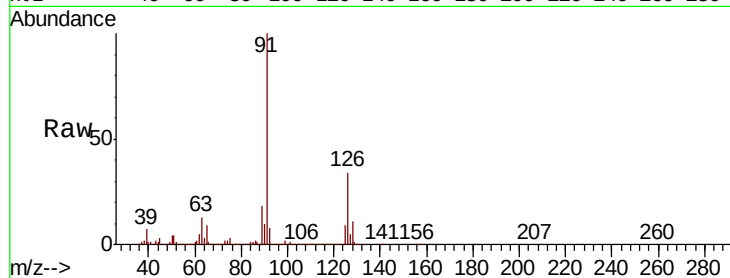
126 33.7 17.1 51.2

Manual Integrations

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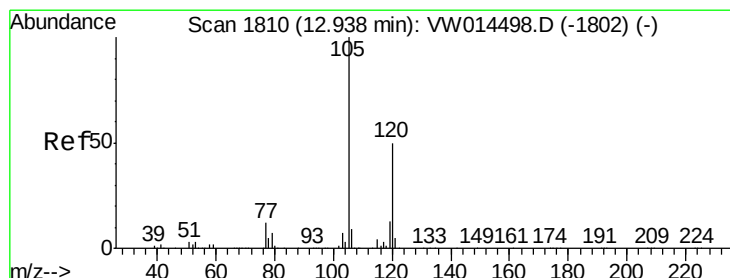
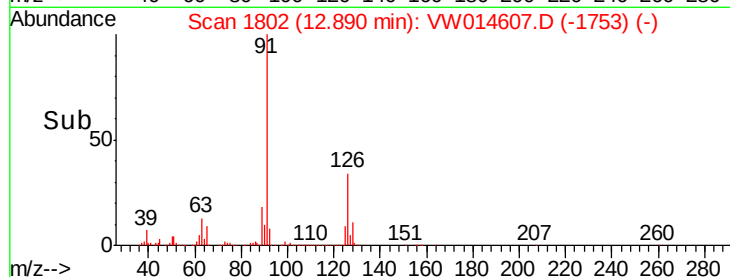
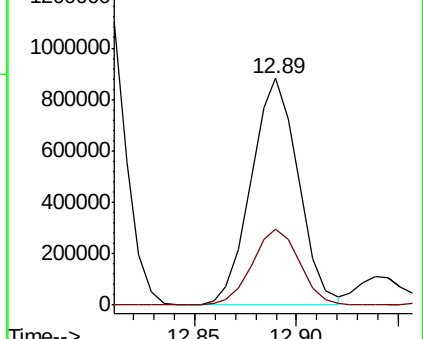
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.779 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW014607.D

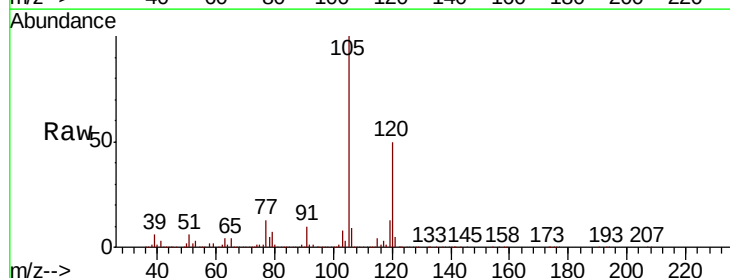
Acq: 10 Jan 2020 18:36

Tgt Ion:105 Resp: 1723512

Ion Ratio Lower Upper

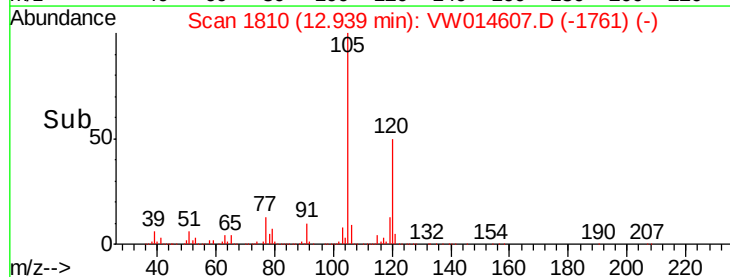
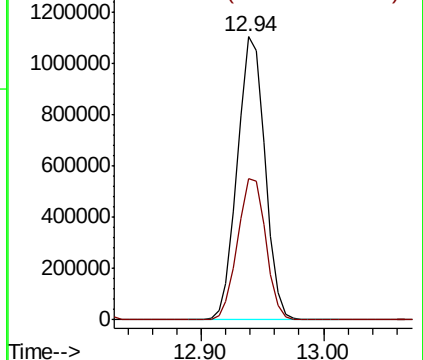
105 100

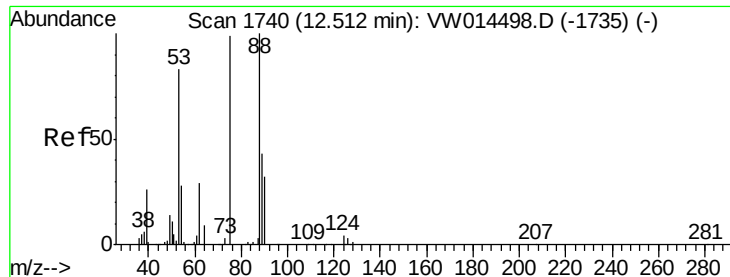
120 51.0 25.2 75.6



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: 54.644 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion: 75 Resp: 118423

Ion Ratio Lower Upper

75 100

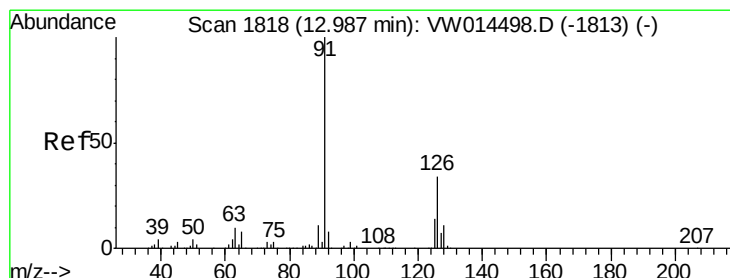
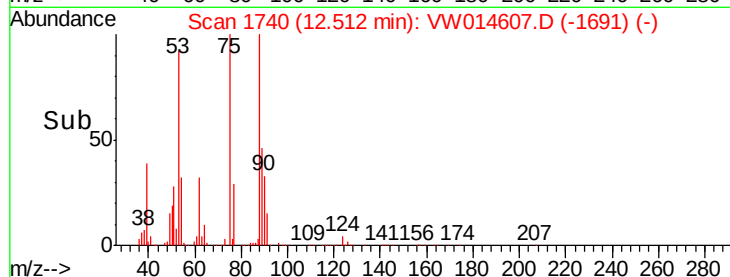
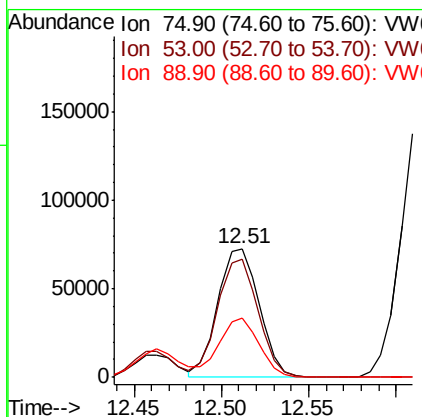
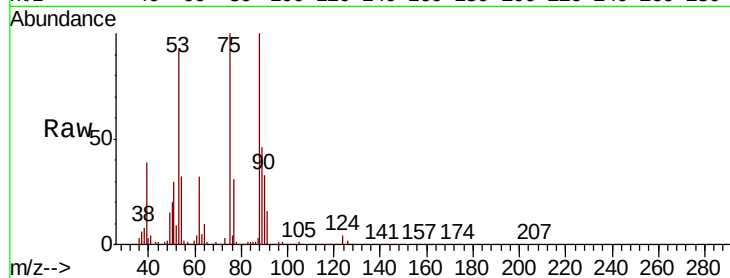
53 90.6 70.9 106.3

89 44.1 35.8 53.8

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 55.745 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW014607.D

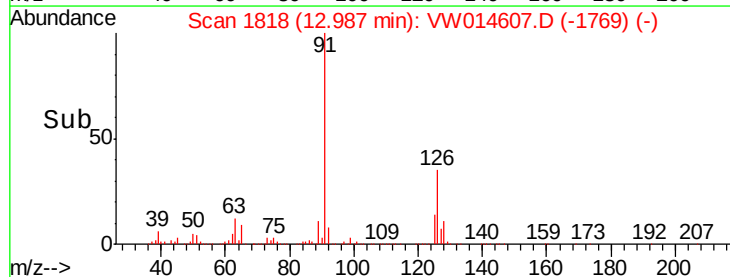
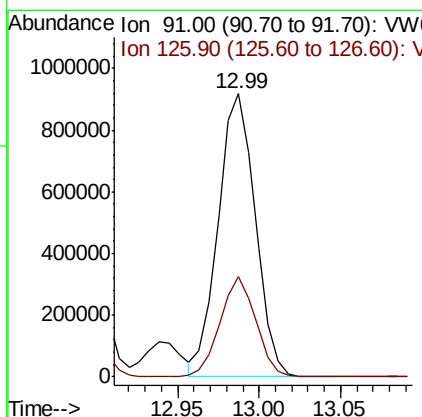
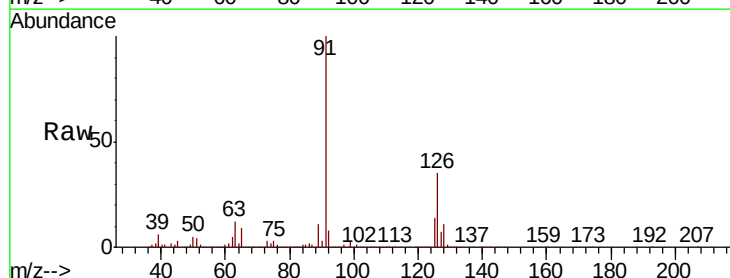
Acq: 10 Jan 2020 18:36

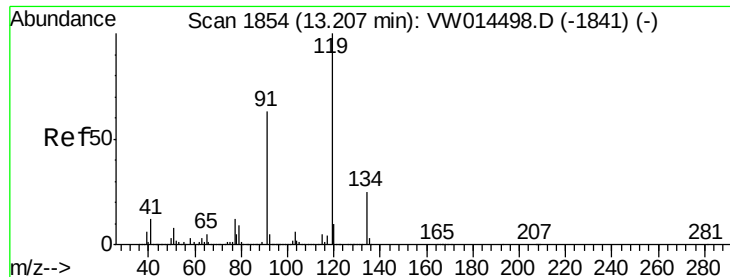
Tgt Ion: 91 Resp: 1452269

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2





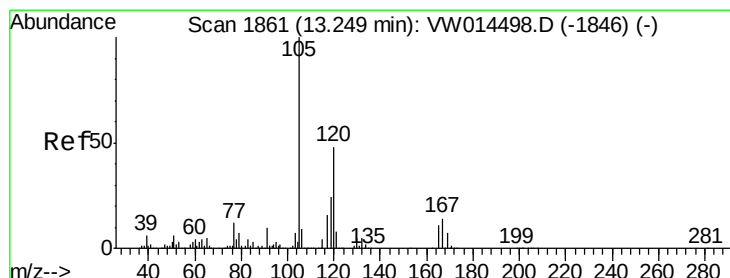
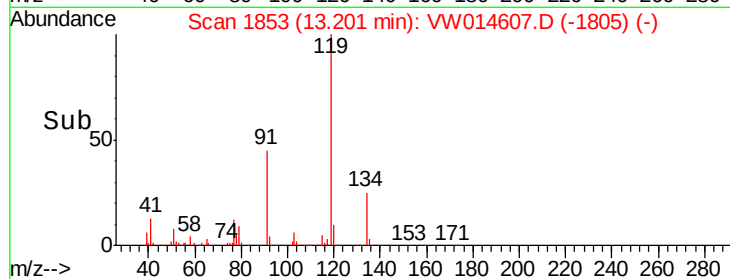
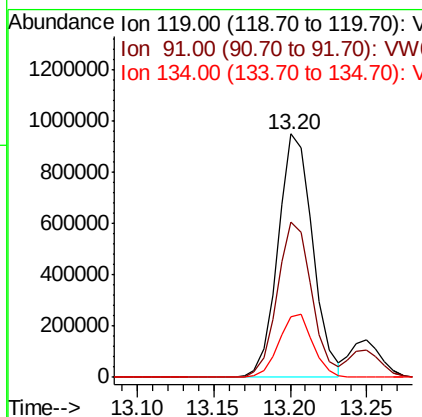
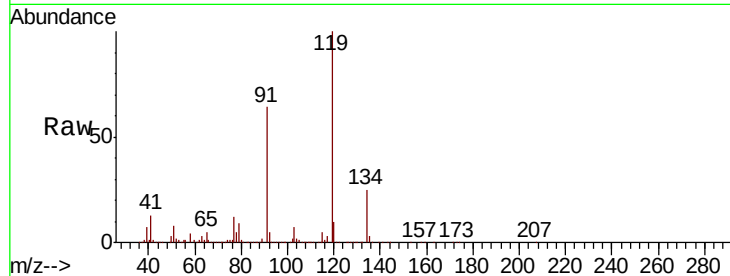
#83  
tert-Butylbenzene  
Concen: 53.920 ug/l  
RT: 13.20 min Scan# 1853  
Delta R.T. -0.01 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.8  | 31.1  | 93.3  |
| 134     | 25.4  | 13.5  | 40.5  |

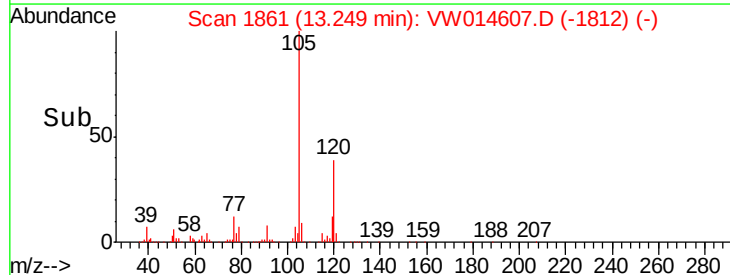
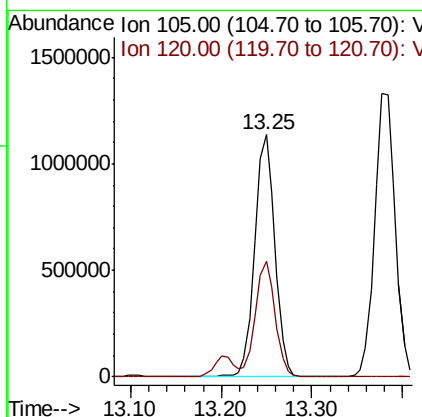
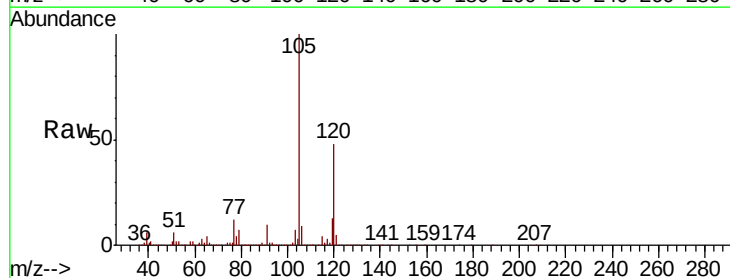
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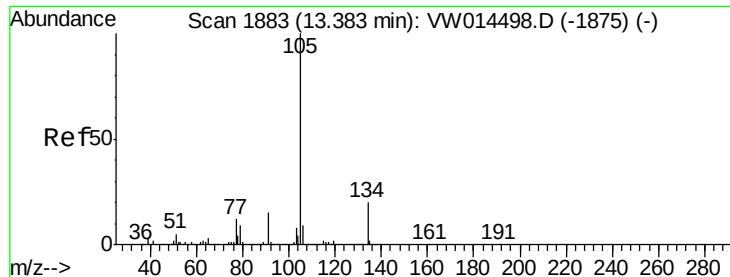
MMDadoda  
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#84  
1,2,4-Trimethylbenzene  
Concen: 55.658 ug/l  
RT: 13.25 min Scan# 1861  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 47.0  | 23.4  | 70.0  |





#85

sec-Butylbenzene

Concen: 54.342 ug/l

RT: 13.38 min Scan# 1882

Delta R.T. -0.01 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

Instrument :

MSVOA\_W

ClientSampleId :

SB-3H-(8.5-10.5)MS

Tot Ion:105 Resp: 2072049

Ion Ratio Lower Upper

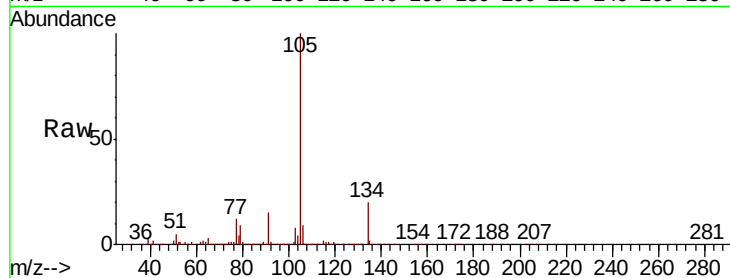
105 100

134 20.3 10.2 30.6

Manual Integrations  
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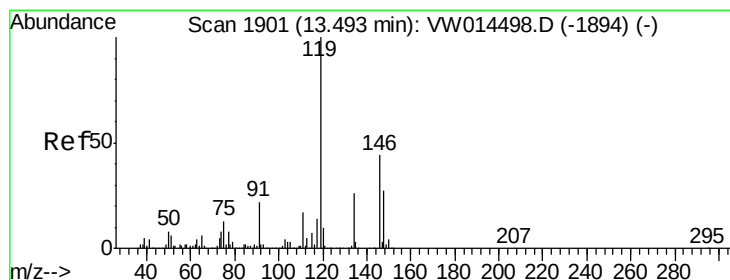
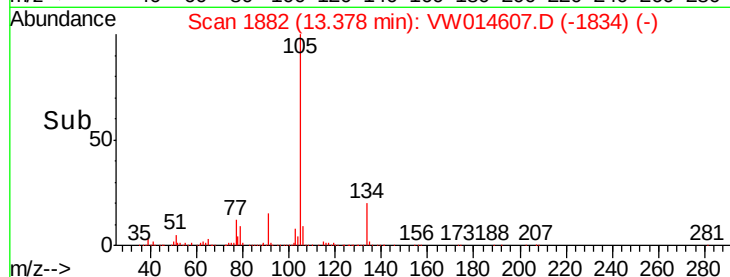
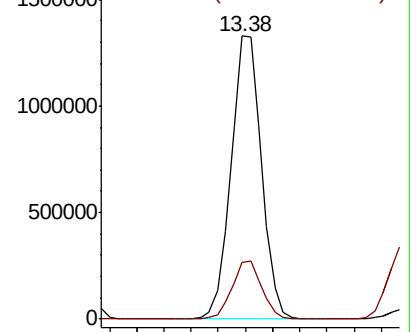
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.507 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW014607.D

Acq: 10 Jan 2020 18:36

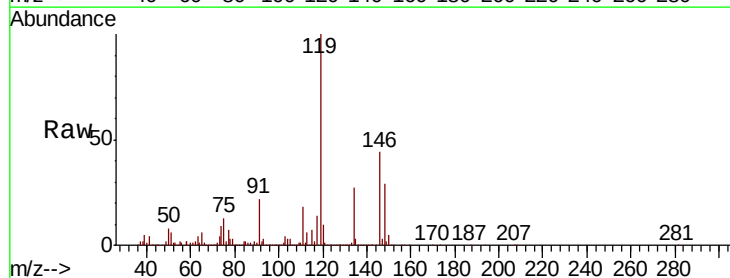
Tgt Ion:119 Resp: 1894381

Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

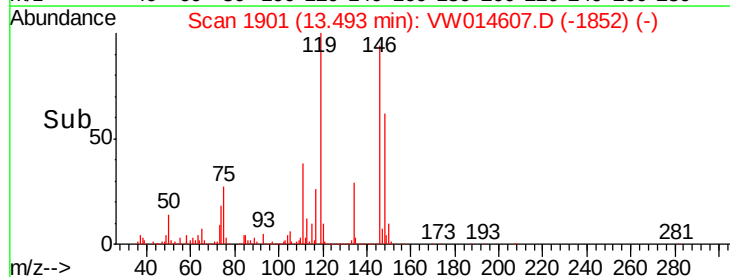
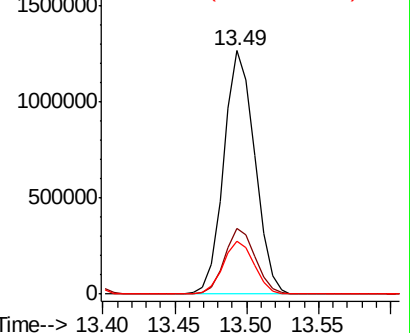
91 22.1 11.1 33.3

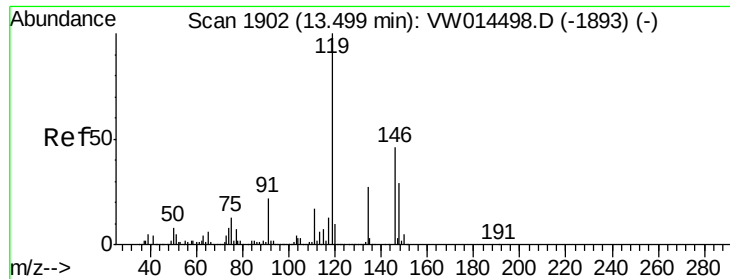


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





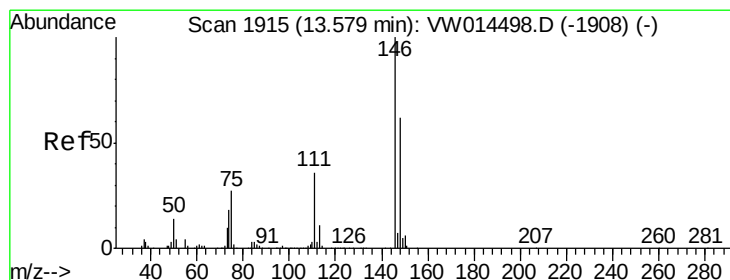
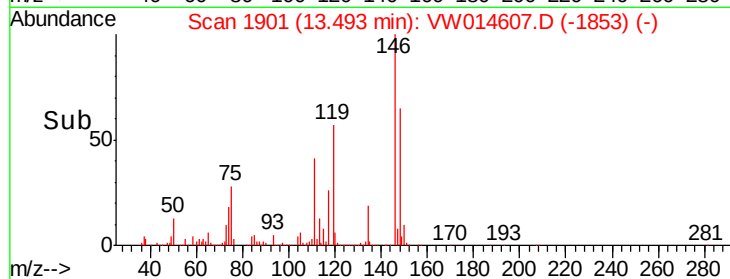
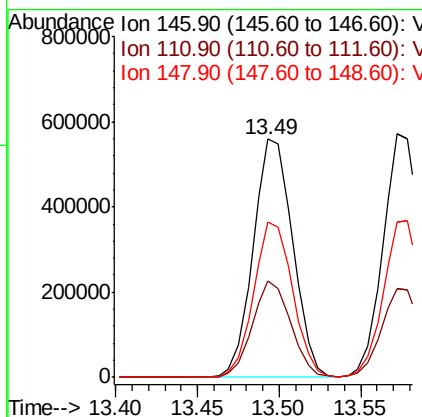
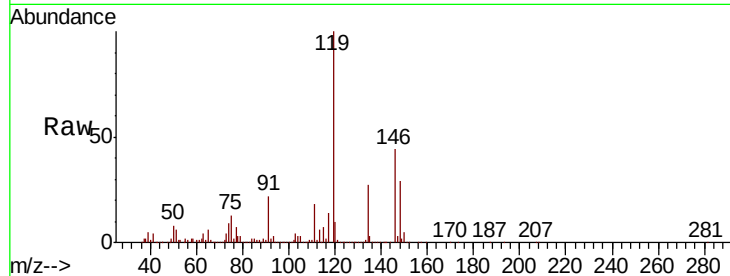
#87  
1,3-Dichlorobenzene  
Concen: 55.514 ug/l  
RT: 13.49 min Scan# 1901  
Delta R.T. -0.01 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 939518 |       |       |
| 111     | 39.1  | 19.3   | 57.9  |       |
| 148     | 64.1  | 31.8   | 95.4  |       |

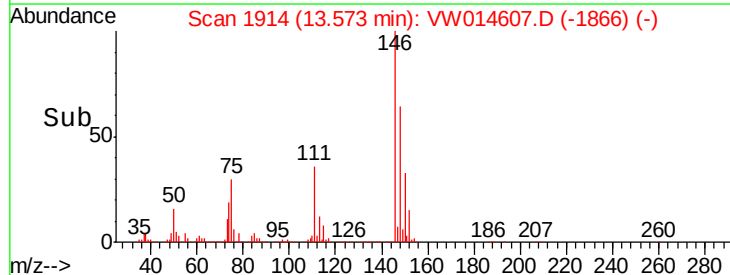
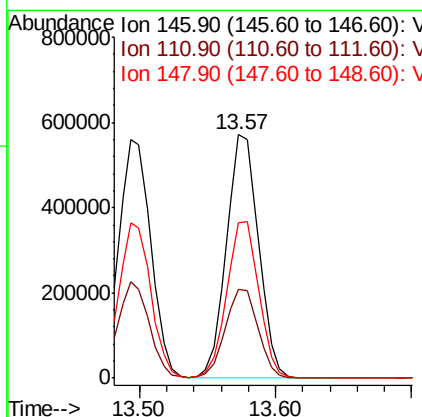
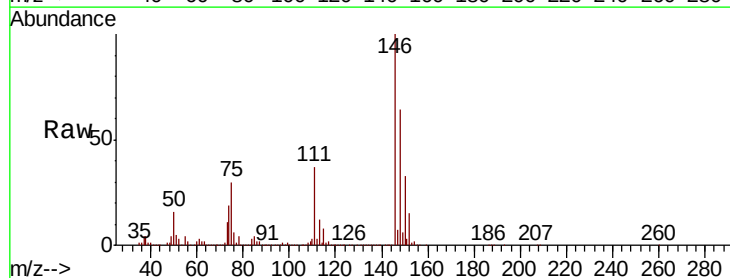
Manual Integrations  
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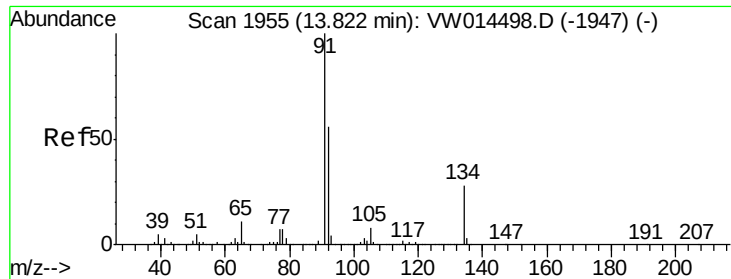
MMDadoda  
1/13/2020 12:01:43 PM



#88  
1,4-Dichlorobenzene  
Concen: 56.081 ug/l  
RT: 13.57 min Scan# 1914  
Delta R.T. -0.01 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 937010 |       |       |
| 111     | 37.3  | 18.7   | 56.1  |       |
| 148     | 64.2  | 31.7   | 95.1  |       |





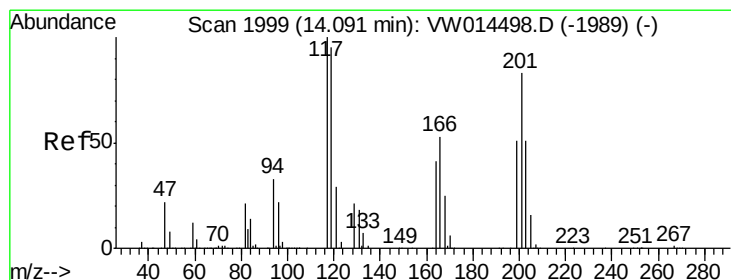
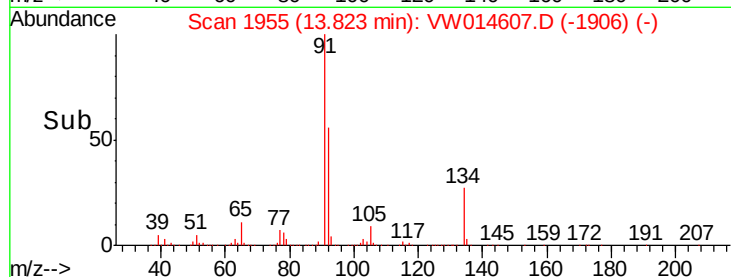
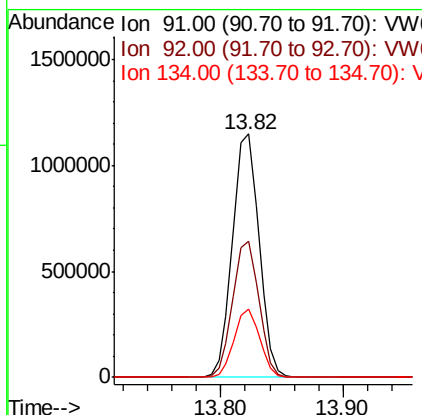
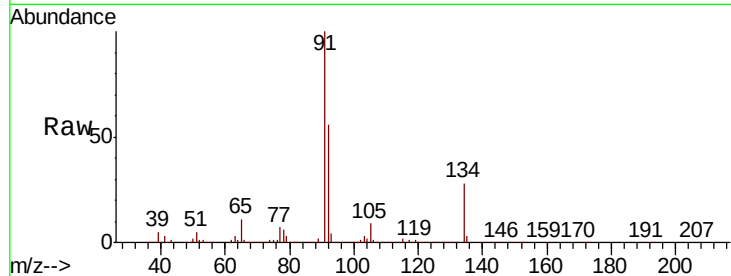
#89  
n-Butylbenzene  
Concen: 53.260 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.5  | 27.5  | 82.5  |
| 134     | 27.3  | 13.7  | 41.1  |

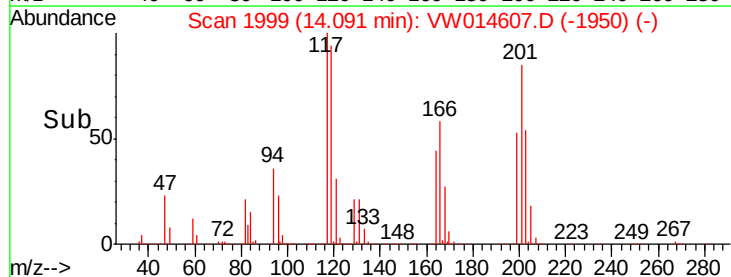
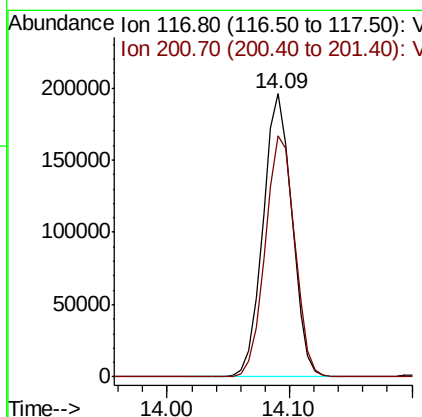
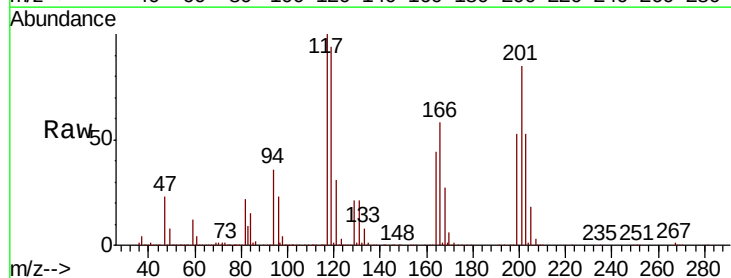
Manual Integrations  
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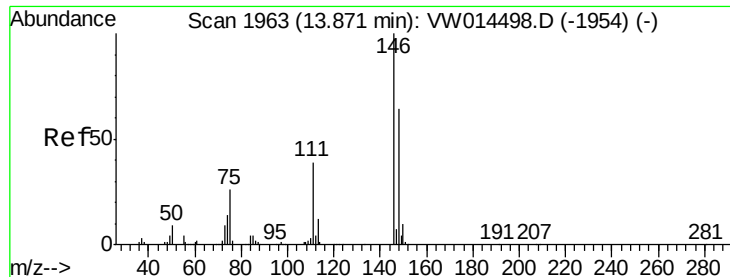


#90  
Hexachloroethane  
Concen: 53.317 ug/l  
RT: 14.09 min Scan# 1999  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 86.3  | 43.0  | 128.8 |







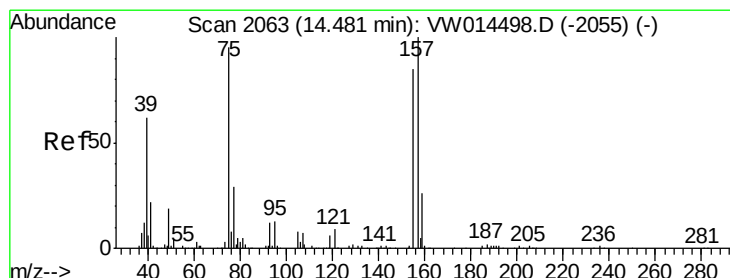
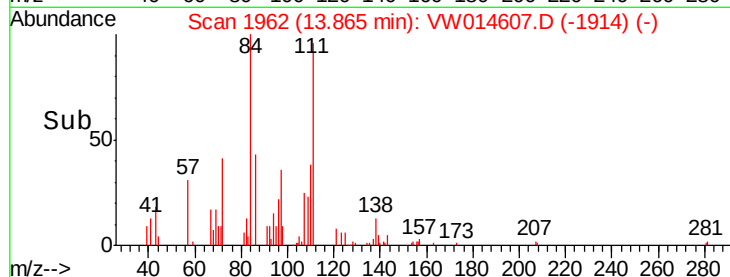
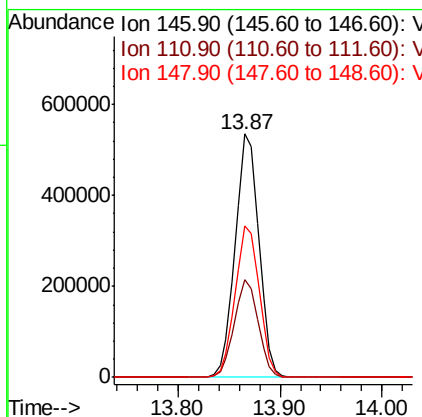
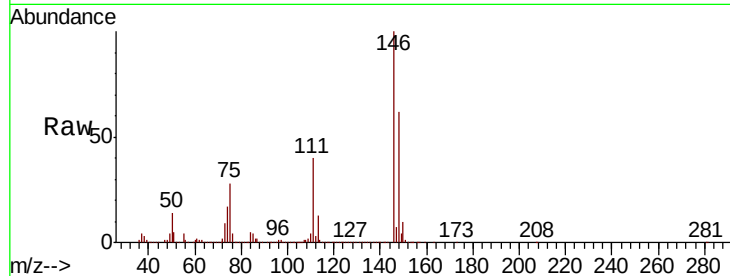
#91  
 1,2-Dichlorobenzene  
 Concen: 57.609 ug/l  
 RT: 13.87 min Scan# 1962  
 Delta R.T. -0.01 min  
 Lab File: VW014607.D  
 Acq: 10 Jan 2020 18:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.2  | 20.4  | 61.3  |
| 148     | 63.7  | 32.3  | 96.8  |

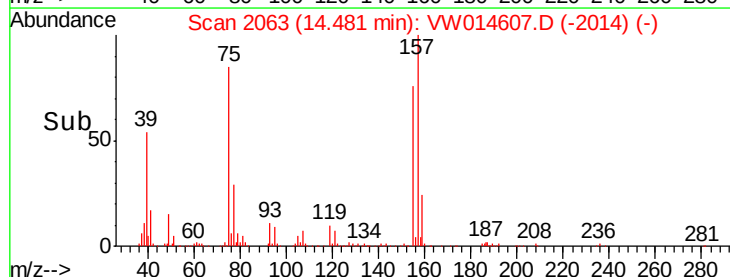
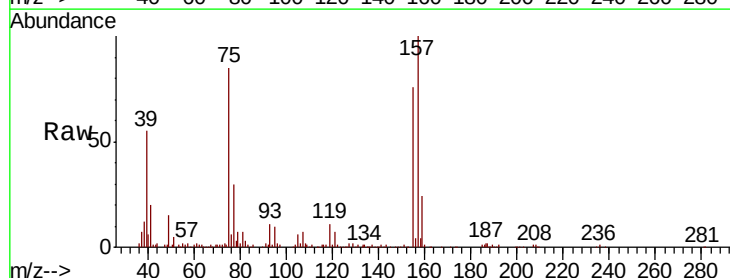
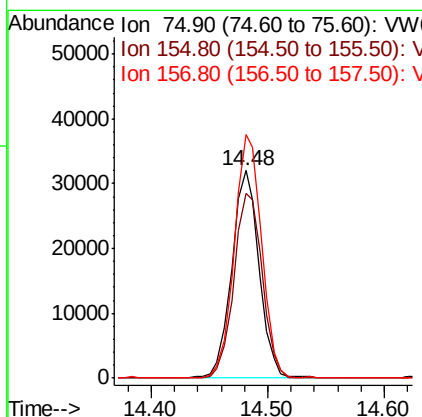
Manual Integrations  
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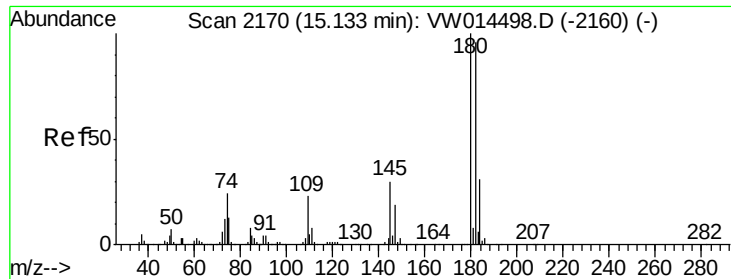
MMDadoda  
 1/13/2020 12:01:43 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.846 ug/l  
 RT: 14.48 min Scan# 2063  
 Delta R.T. 0.00 min  
 Lab File: VW014607.D  
 Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.0  | 45.8  | 137.4 |
| 157     | 117.4 | 58.1  | 174.2 |





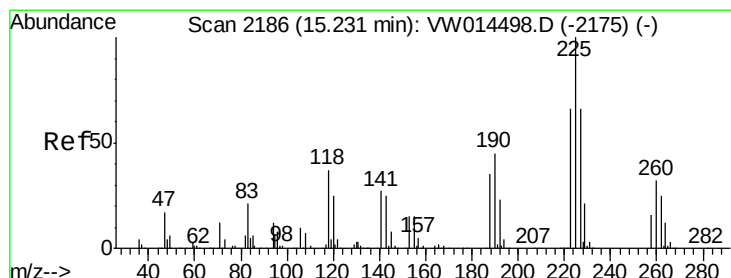
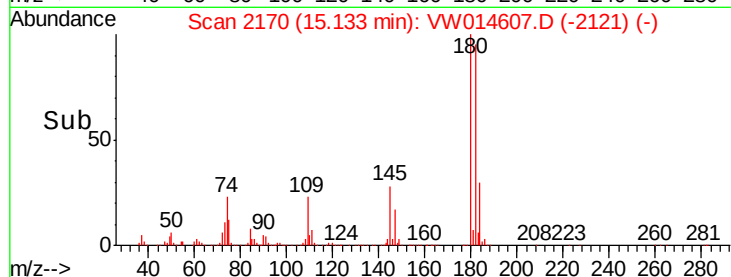
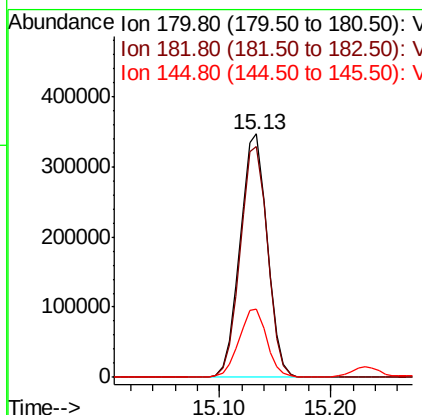
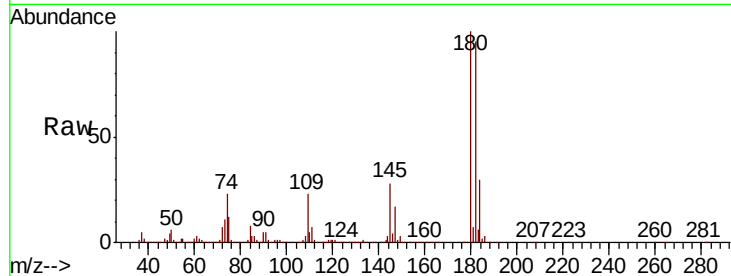
#93  
 1,2,4-Trichlorobenzene  
 Concen: 58.503 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. 0.00 min  
 Lab File: VW014607.D  
 Acq: 10 Jan 2020 18:36

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 587665 |       |       |
| 182     | 95.3  | 47.3   | 141.8 |       |
| 145     | 28.5  | 14.7   | 44.1  |       |

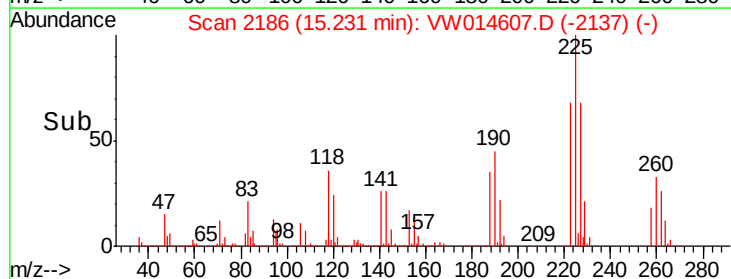
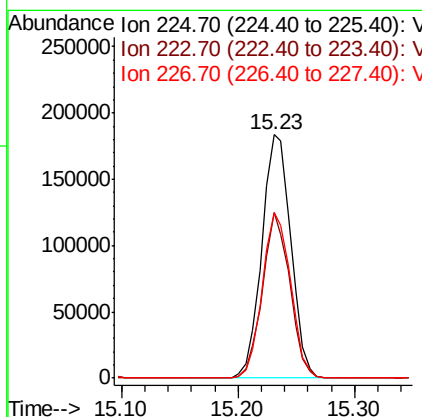
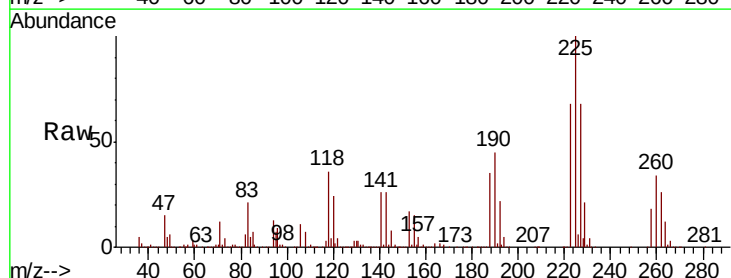
Manual Integrations  
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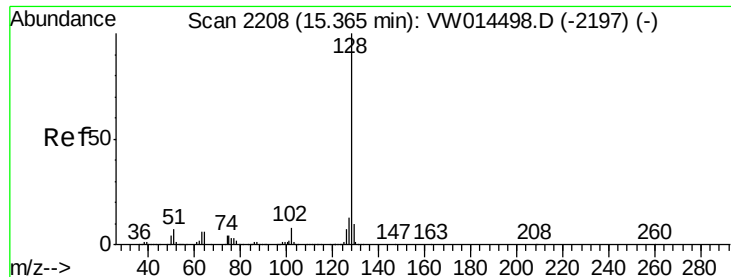
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 1/13/2020 12:01:43 PM



#94  
 Hexachlorobutadiene  
 Concen: 46.850 ug/l  
 RT: 15.23 min Scan# 2186  
 Delta R.T. 0.00 min  
 Lab File: VW014607.D  
 Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 315380 |       |       |
| 223     | 63.8  | 32.4   | 97.2  |       |
| 227     | 66.6  | 32.6   | 97.8  |       |





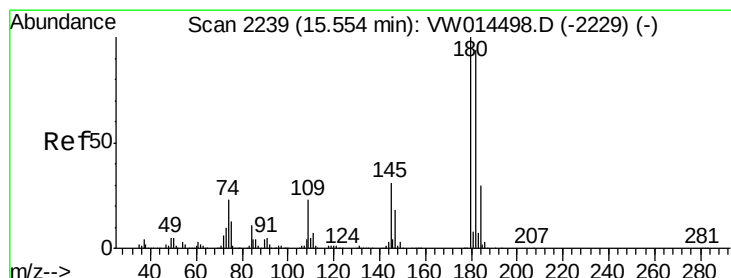
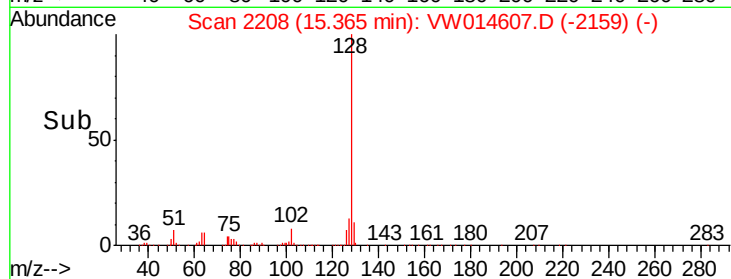
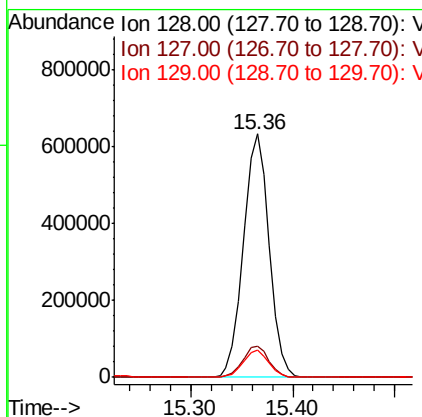
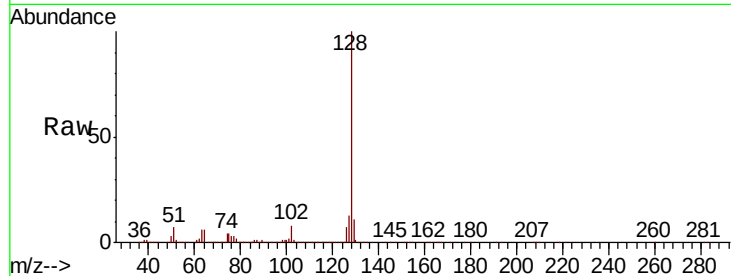
#95  
Naphthalene  
Concen: 64.636 ug/l  
RT: 15.36 min Scan# 2208  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

Instrument :  
MSVOA\_W  
ClientSampleId :  
SB-3H-(8.5-10.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.6  | 15.8  |
| 129     | 11.1  | 8.7   | 13.1  |

Manual Integrations  
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1/13/2020 12:01:43 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 58.408 ug/l  
RT: 15.55 min Scan# 2239  
Delta R.T. 0.00 min  
Lab File: VW014607.D  
Acq: 10 Jan 2020 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 47.4  | 142.2 |
| 145     | 32.2  | 15.5  | 46.5  |

