

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\  
 Data File : VW012061.D  
 Acq On : 21 Aug 2019 10:33  
 Operator : SY/VA  
 Sample : VW0821SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0821SBS01

Quant Time: Aug 22 07:41:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W072719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 27 00:23:30 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 248419   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 395447   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 344191   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 166450   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.30   | 65  | 150521   | 52.77 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.54% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 121853   | 54.93 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.86% |      |
| 50) Toluene-d8            | 10.32  | 98  | 495299   | 54.53 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.06% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 177430   | 54.79 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.58% |      |

## Target Compounds

|                               |      |     |        |         | Qvalue |     |
|-------------------------------|------|-----|--------|---------|--------|-----|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 33422  | 24.141  | ug/l   | 91  |
| 3) Chloromethane              | 2.21 | 50  | 50322  | 20.961  | ug/l   | 98  |
| 4) Vinyl Chloride             | 2.36 | 62  | 61828  | 21.392  | ug/l   | 96  |
| 5) Bromomethane               | 2.77 | 94  | 30500  | 19.065  | ug/l   | 100 |
| 6) Chloroethane               | 2.92 | 64  | 34588  | 20.950  | ug/l   | 97  |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 31520  | 24.402  | ug/l   | 97  |
| 8) Diethyl Ether              | 3.68 | 74  | 31790  | 21.706  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 54257  | 22.143  | ug/l   | 99  |
| 10) Methyl Iodide             | 4.28 | 142 | 73431  | 21.206  | ug/l   | 100 |
| 11) Tert butyl alcohol        | 5.18 | 59  | 20849  | 87.443  | ug/l   | 97  |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 54478  | 21.057  | ug/l   | 96  |
| 13) Acrolein                  | 3.89 | 56  | 12195  | 59.581  | ug/l   | 97  |
| 14) Allyl chloride            | 4.67 | 41  | 115503 | 20.990  | ug/l   | 100 |
| 15) Acrylonitrile             | 5.37 | 53  | 78107  | 106.837 | ug/l   | 100 |
| 16) Acetone                   | 4.13 | 43  | 79091  | 87.163  | ug/l   | 98  |
| 17) Carbon Disulfide          | 4.38 | 76  | 152893 | 18.882  | ug/l   | 100 |
| 18) Methyl Acetate            | 4.67 | 43  | 44855  | 22.005  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 92894  | 22.626  | ug/l   | 97  |
| 20) Methylene Chloride        | 4.92 | 84  | 61548  | 19.668  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 59332  | 21.271  | ug/l   | 97  |
| 22) Diisopropyl ether         | 6.31 | 45  | 225970 | 21.781  | ug/l   | 98  |
| 23) Vinyl Acetate             | 6.25 | 43  | 693140 | 106.328 | ug/l   | 99  |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 119165 | 21.447  | ug/l   | 98  |
| 25) 2-Butanone                | 7.17 | 43  | 116718 | 98.302  | ug/l   | 98  |
| 26) 2,2-Dichloropropane       | 7.16 | 77  | 66672  | 19.512  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene    | 7.16 | 96  | 65468  | 21.326  | ug/l   | 98  |
| 28) Bromochloromethane        | 7.51 | 49  | 55570  | 22.532  | ug/l   | 98  |
| 29) Tetrahydrofuran           | 7.53 | 42  | 73181  | 107.826 | ug/l   | 99  |
| 30) Chloroform                | 7.68 | 83  | 111048 | 21.663  | ug/l   | 98  |
| 31) Cyclohexane               | 7.95 | 56  | 113173 | 21.219  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 86142  | 22.066  | ug/l   | 99  |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 91848  | 22.337  | ug/l   | 99  |
| 37) Ethyl Acetate             | 7.25 | 43  | 52947  | 22.381  | ug/l   | 99  |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 77011  | 21.878  | ug/l   | 99  |

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 Operator : SY/VA  
 Sample : VW0821SBSD01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0821SBSD01

Quant Time: Aug 22 07:41:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W072719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 27 00:23:30 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 98776    | 21.816  | ug/l  | 99       |
| 40) Benzene                    | 8.32  | 78   | 250848   | 21.779  | ug/l  | 99       |
| 41) Methacrylonitrile          | 7.48  | 41   | 32085    | 22.689  | ug/l  | 97       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 78311    | 21.717  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 95494    | 21.949  | ug/l  | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 60596    | 21.890  | ug/l  | 99       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 67207    | 21.808  | ug/l  | 96       |
| 46) Dibromomethane             | 9.46  | 93   | 30437    | 21.639  | ug/l  | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 78350    | 21.235  | ug/l  | 97       |
| 48) Methyl methacrylate        | 9.43  | 41   | 45056    | 21.559  | ug/l  | 94       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 9440     | 463.511 | ug/l  | 95       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 251274   | 111.035 | ug/l  | 99       |
| 52) Toluene                    | 10.39 | 92   | 153090   | 22.010  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 81958    | 21.264  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 96869    | 21.138  | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 43509    | 21.801  | ug/l  | 99       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 64844    | 22.204  | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 82776    | 21.923  | ug/l  | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 166649   | 125.681 | ug/l  | 99       |
| 59) 2-Hexanone                 | 10.97 | 43   | 175772   | 110.006 | ug/l  | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 47761    | 21.560  | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 41187    | 21.808  | ug/l  | 99       |
| 64) Tetrachloroethene          | 10.86 | 164  | 49444    | 22.063  | ug/l  | 99       |
| 65) Chlorobenzene              | 11.66 | 112  | 154503   | 22.327  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 53236    | 22.086  | ug/l  | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 293189   | 22.246  | ug/l  | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 215287   | 44.918  | ug/l  | 99       |
| 69) o-Xylene                   | 12.16 | 106  | 99298    | 22.295  | ug/l  | 99       |
| 70) Styrene                    | 12.18 | 104  | 171536   | 22.275  | ug/l  | 100      |
| 71) Bromoform                  | 12.35 | 173  | 26963    | 21.940  | ug/l  | # 100    |
| 73) Isopropylbenzene           | 12.46 | 105  | 278438   | 22.423  | ug/l  | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 86528    | 22.257  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 53145    | 22.753  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 37109m   | 21.070  | ug/l  |          |
| 77) Bromobenzene               | 12.75 | 156  | 59984    | 21.855  | ug/l  | 98       |
| 78) n-propylbenzene            | 12.80 | 91   | 340024   | 22.500  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 194448   | 22.334  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 234470   | 22.526  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 16404    | 21.465  | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 200880   | 21.991  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 199417   | 22.910  | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 234384   | 22.353  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 13.38 | 105  | 283773   | 22.848  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 254783   | 22.609  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 118391   | 21.999  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 117301   | 21.911  | ug/l  | 98       |
| 89) n-Butylbenzene             | 13.82 | 91   | 249686   | 22.203  | ug/l  | 99       |
| 90) Hexachloroethane           | 14.09 | 117  | 43013    | 21.585  | ug/l  | 98       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 106933   | 22.466  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 9180     | 23.048  | ug/l  | 93       |

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Operator : SY/VA  
Sample : VW0821SBSD01  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

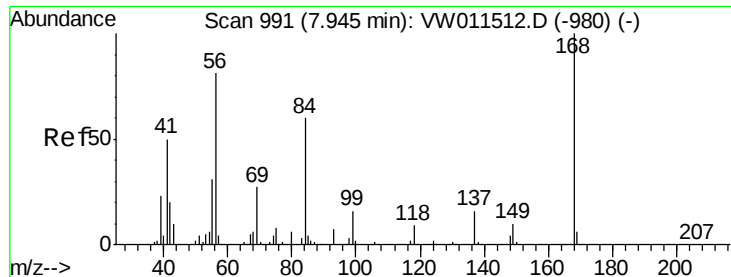
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0821SBSD01

Quant Time: Aug 22 07:41:51 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W072719S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jul 27 00:23:30 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 76098    | 22.685 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 48007    | 22.948 | ug/l  | 98       |
| 95) Naphthalene            | 15.37 | 128  | 135946   | 21.899 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.55 | 180  | 65333    | 22.218 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

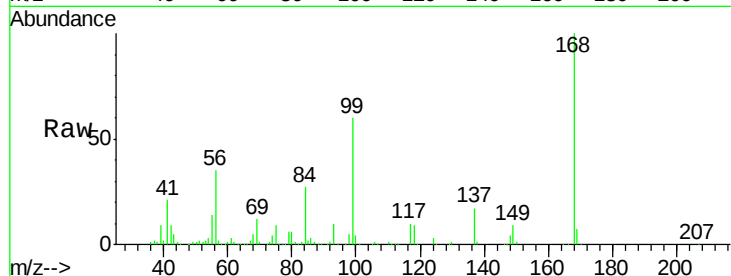
VW0821SBSD01

Tot Ion:168 Resp: 248419

Ion Ratio Lower Upper

168 100

99 59.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

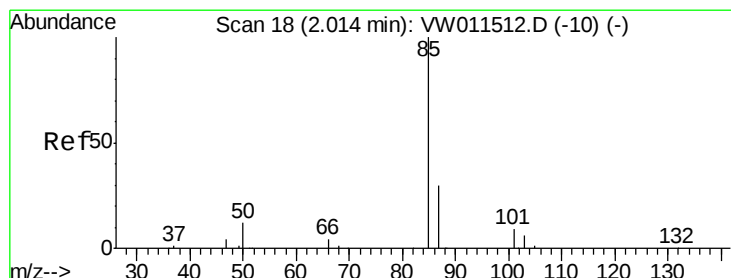
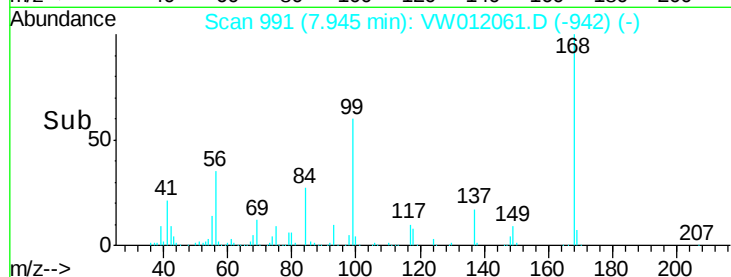
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 24.141 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012061.D

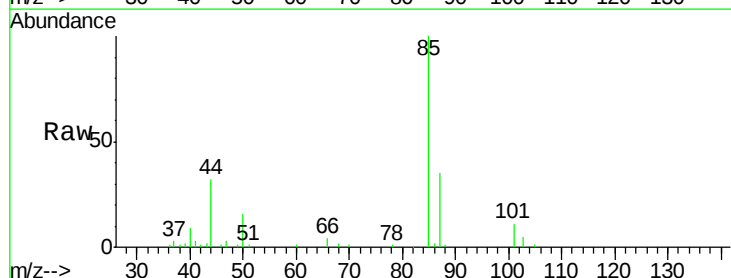
Acq: 21 Aug 2019 10:33

Tgt Ion: 85 Resp: 33422

Ion Ratio Lower Upper

85 100

87 35.5 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

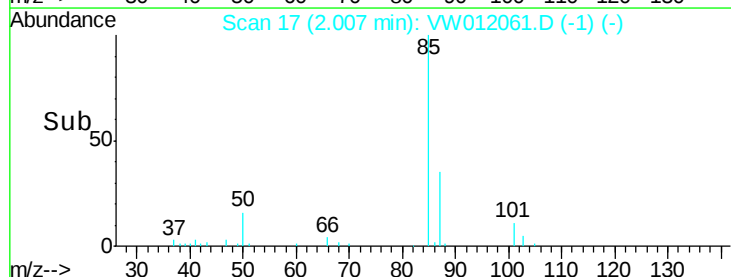
6000

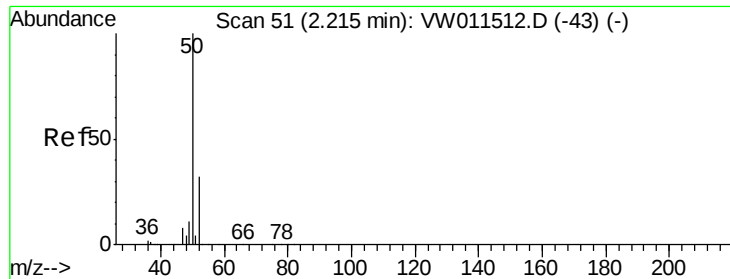
4000

2000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 20.961 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

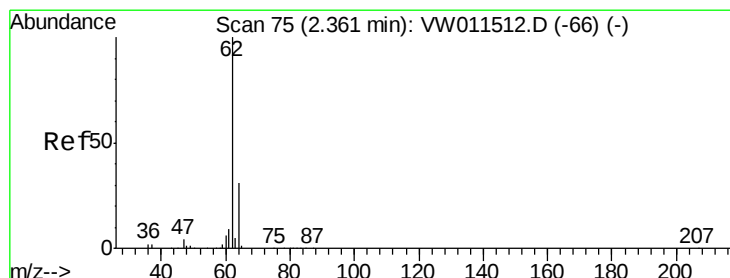
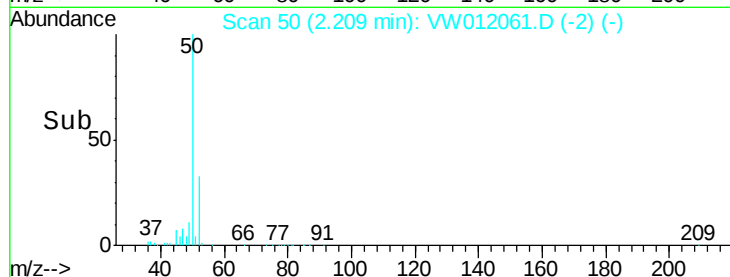
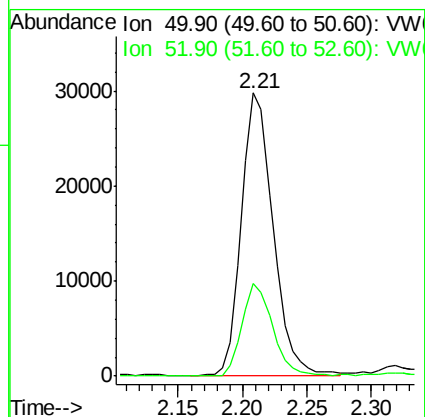
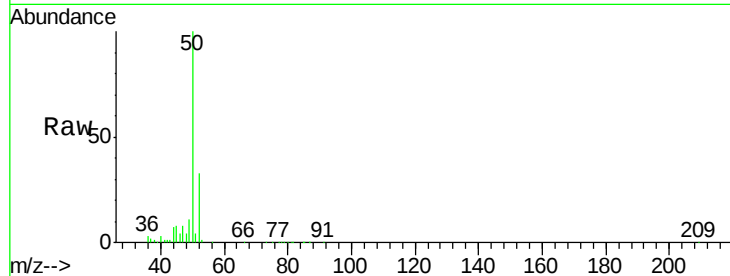
VW0821SBSD01

Tot Ion: 50 Resp: 50322

Ion Ratio Lower Upper

50 100

52 32.7 25.4 38.2



#4

Vinyl Chloride

Concen: 21.392 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012061.D

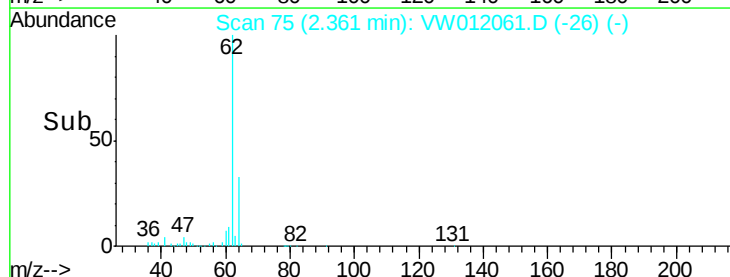
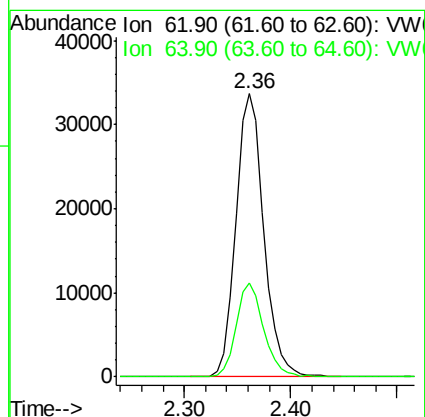
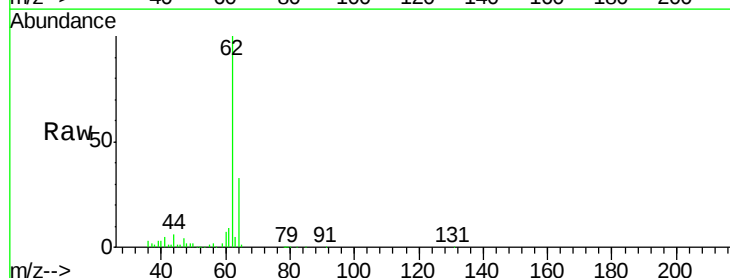
Acq: 21 Aug 2019 10:33

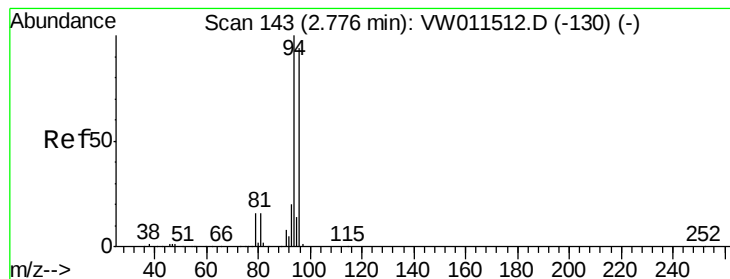
Tgt Ion: 62 Resp: 61828

Ion Ratio Lower Upper

62 100

64 33.3 25.0 37.4





#5

Bromomethane

Concen: 19.065 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

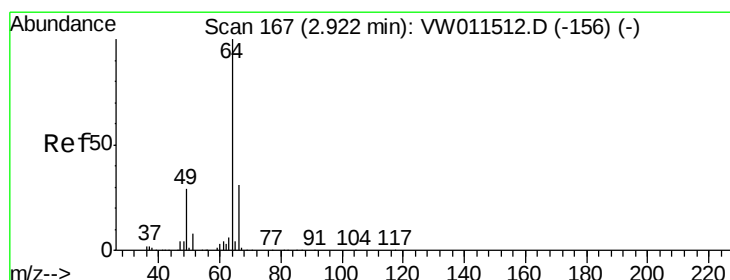
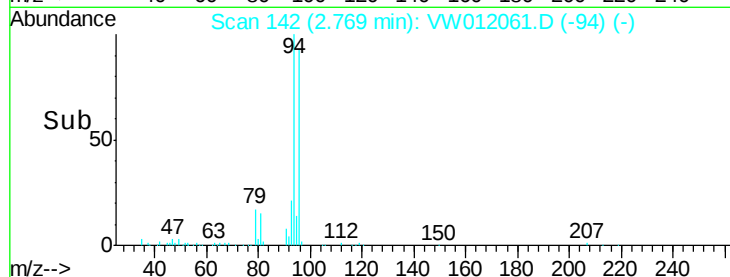
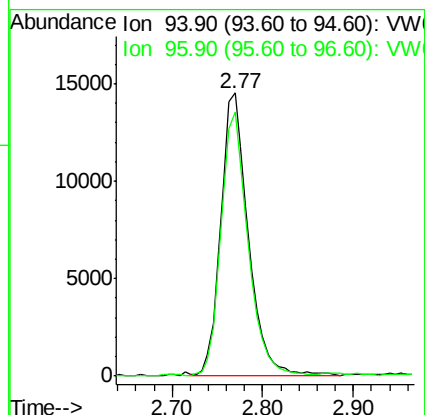
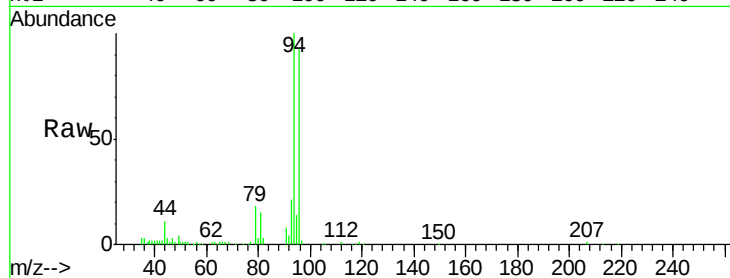
VW0821SBSD01

Tot Ion: 94 Resp: 30500

Ion Ratio Lower Upper

94 100

96 93.7 75.0 112.6



#6

Chloroethane

Concen: 20.950 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012061.D

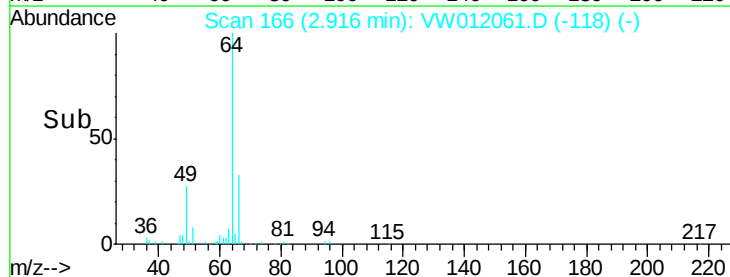
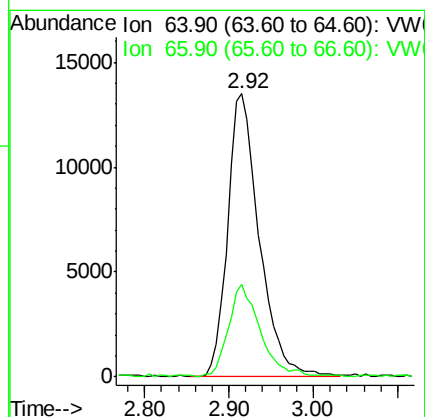
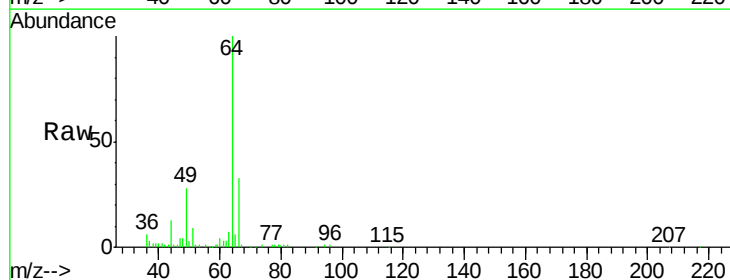
Acq: 21 Aug 2019 10:33

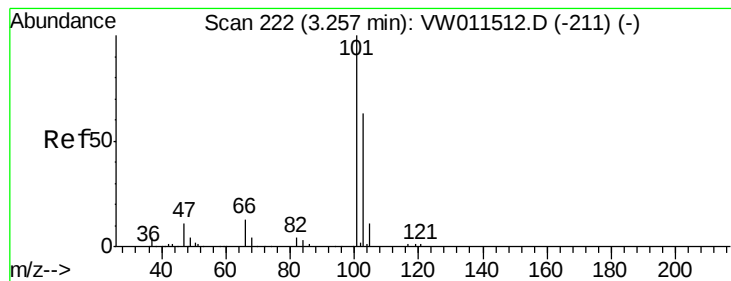
Tgt Ion: 64 Resp: 34588

Ion Ratio Lower Upper

64 100

66 32.3 24.6 36.8



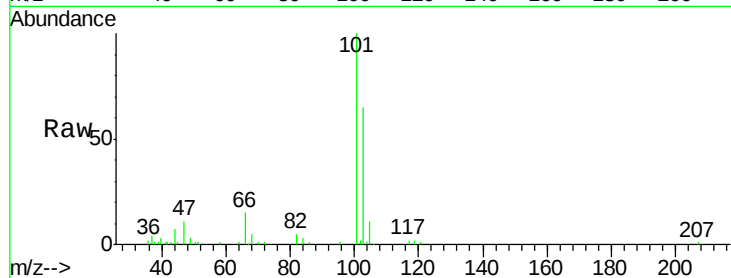


#7

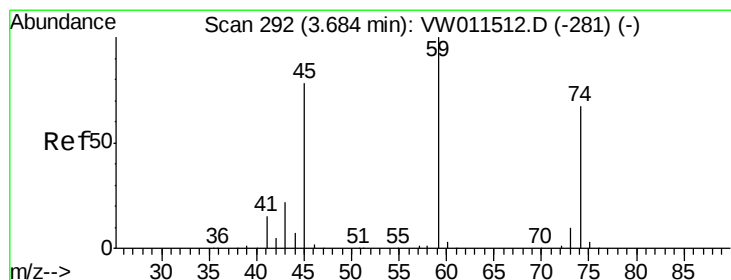
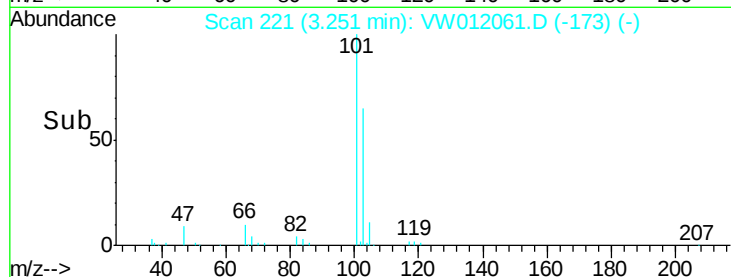
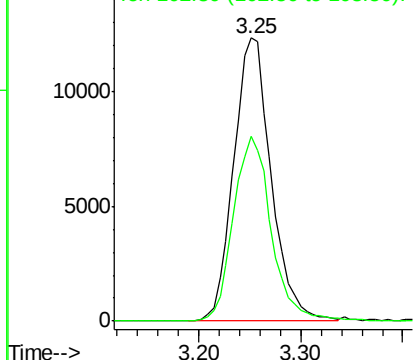
Trichlorofluoromethane  
Concen: 24.402 ug/l  
RT: 3.25 min Scan# 221  
Delta R.T. -0.01 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0821SBSD01

Tot Ion:101 Resp: 31520  
Ion Ratio Lower Upper  
101 100  
103 65.5 50.2 75.4



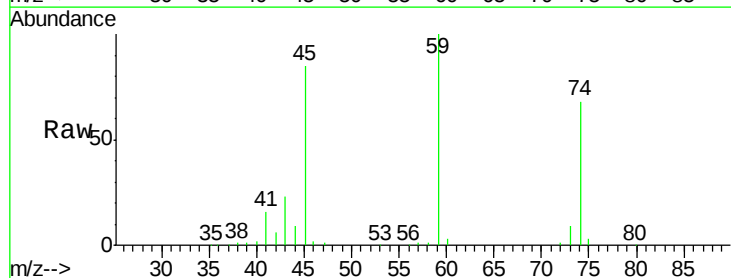
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



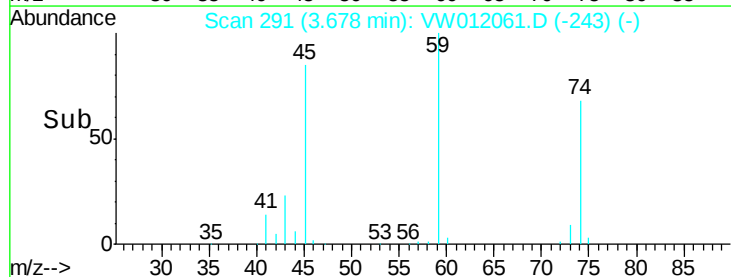
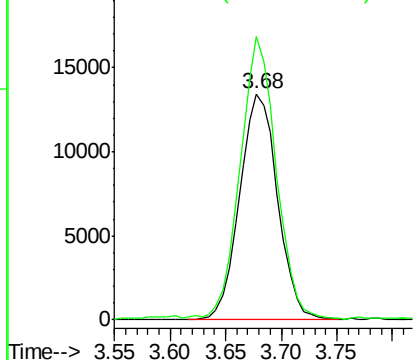
#8

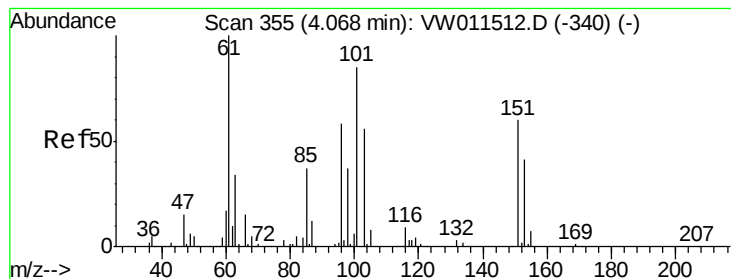
Diethyl Ether  
Concen: 21.706 ug/l  
RT: 3.68 min Scan# 291  
Delta R.T. -0.01 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Tgt Ion: 74 Resp: 31790  
Ion Ratio Lower Upper  
74 100  
45 119.9 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW  
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.143 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0821SBSD01

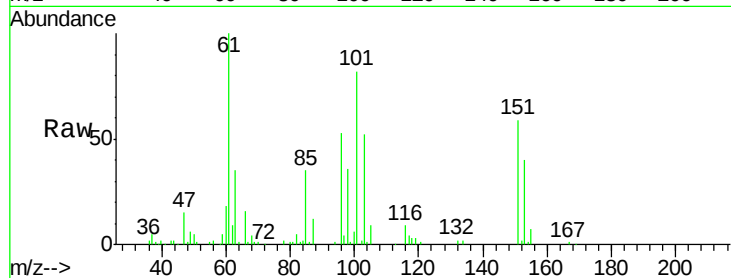
Tot Ion:101 Resp: 54257

Ion Ratio Lower Upper

101 100

85 44.5 36.6 54.8

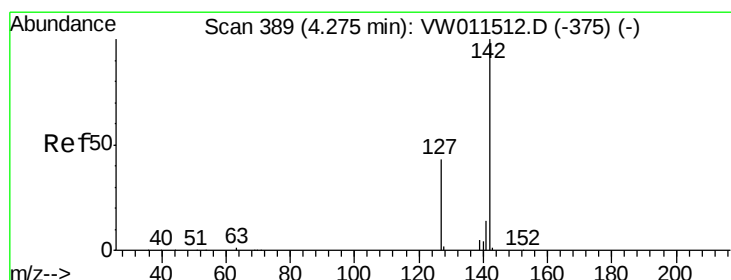
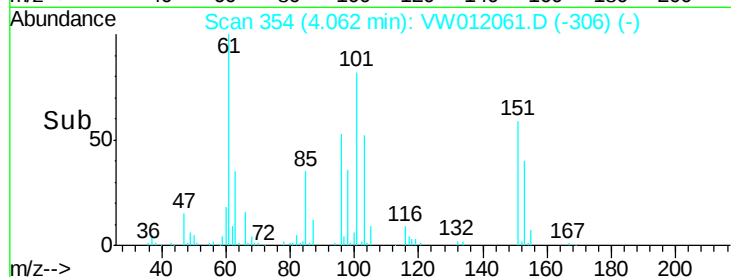
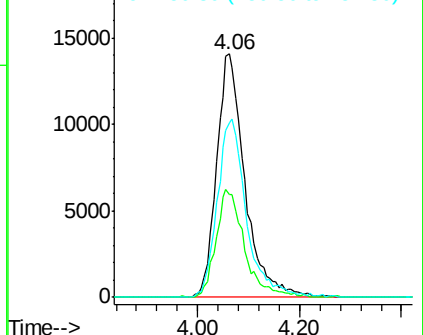
151 74.9 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.206 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

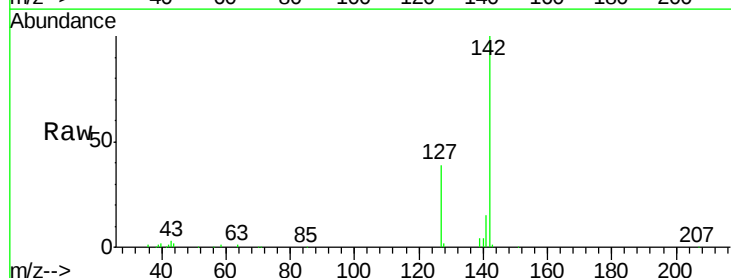
Tgt Ion:142 Resp: 73431

Ion Ratio Lower Upper

142 100

127 43.5 35.0 52.6

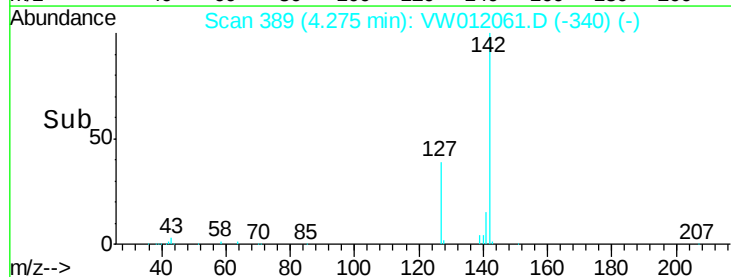
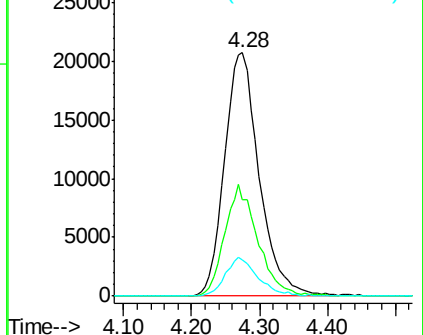
141 15.0 11.9 17.9

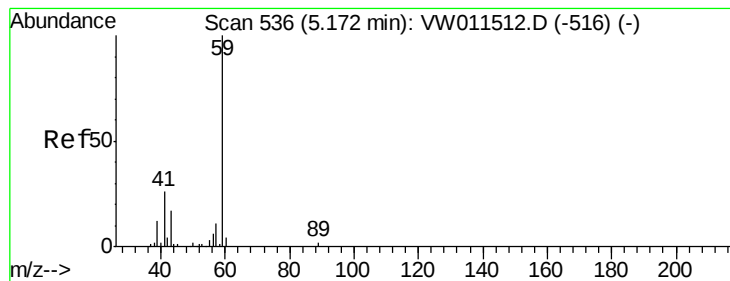


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



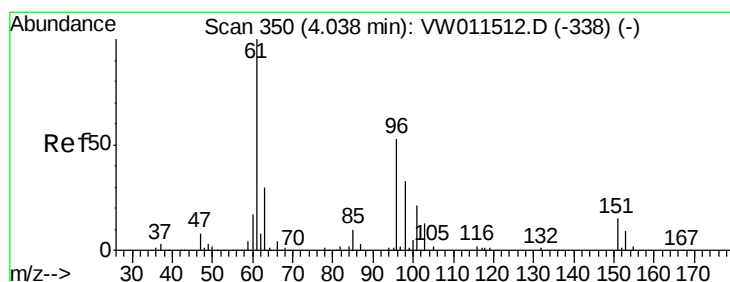
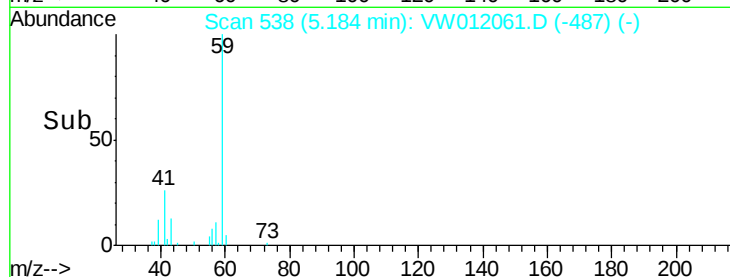
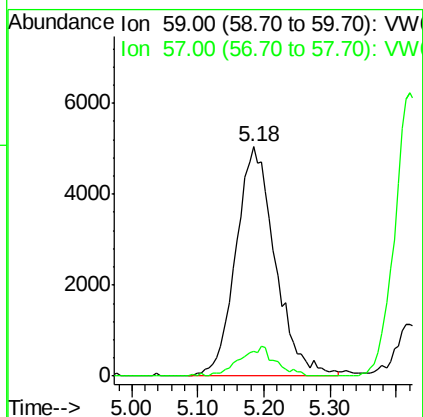
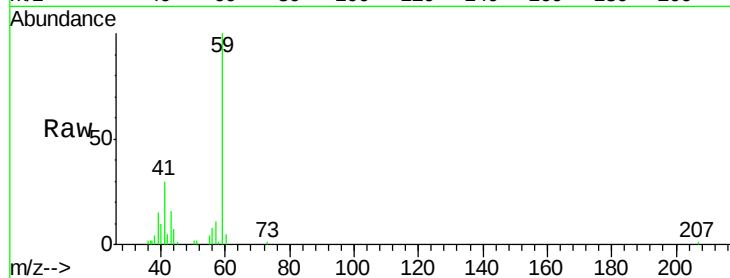


#11

Tert butyl alcohol  
 Concen: 87.443 ug/l  
 RT: 5.18 min Scan# 538  
 Delta R.T. 0.01 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0821SBS01

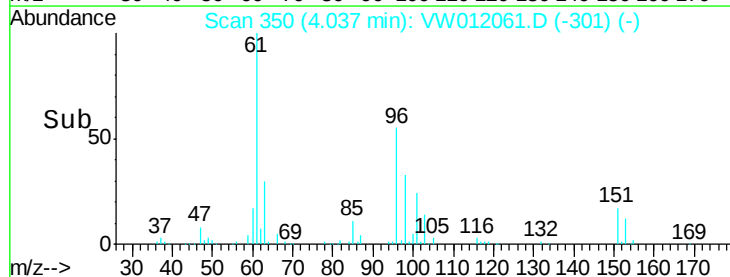
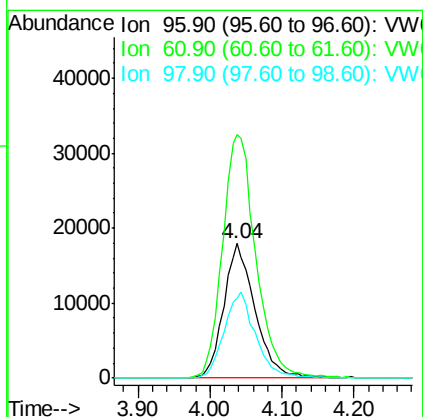
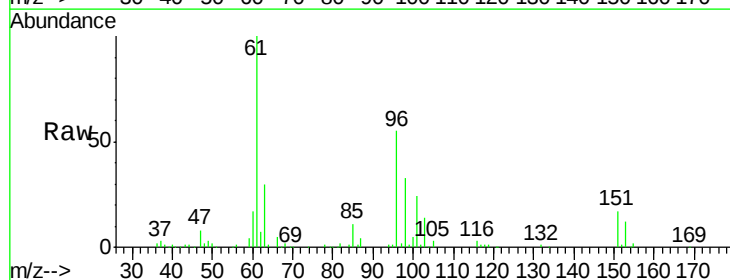
Tot Ion: 59 Resp: 20849  
 Ion Ratio Lower Upper  
 59 100  
 57 11.6 8.5 12.7

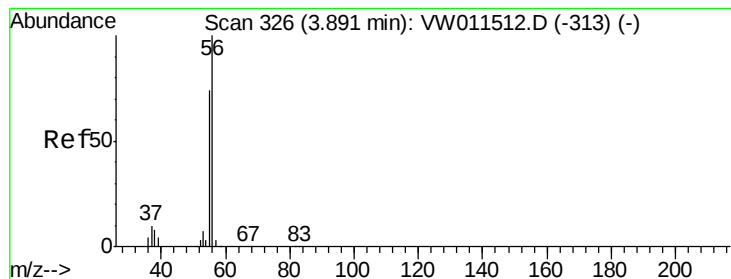


#12

1,1-Dichloroethene  
 Concen: 21.057 ug/l  
 RT: 4.04 min Scan# 350  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

Tgt Ion: 96 Resp: 54478  
 Ion Ratio Lower Upper  
 96 100  
 61 181.0 149.9 224.9  
 98 59.0 49.1 73.7





#13

Acrolein

Concen: 59.581 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

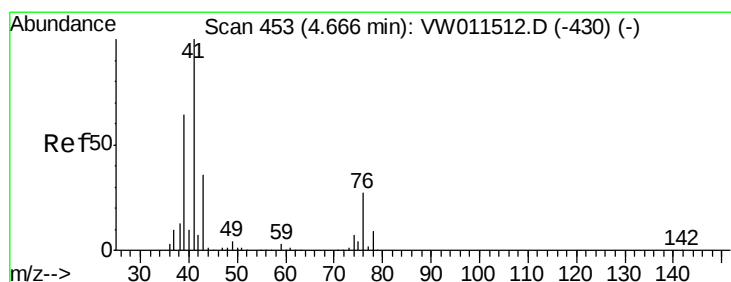
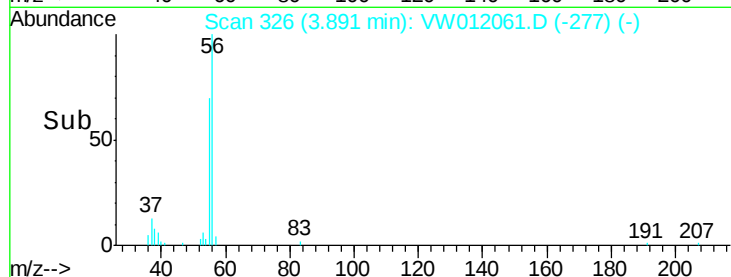
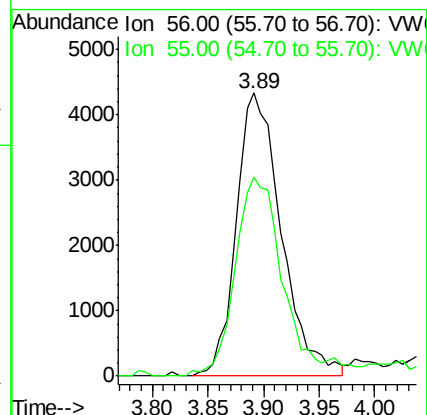
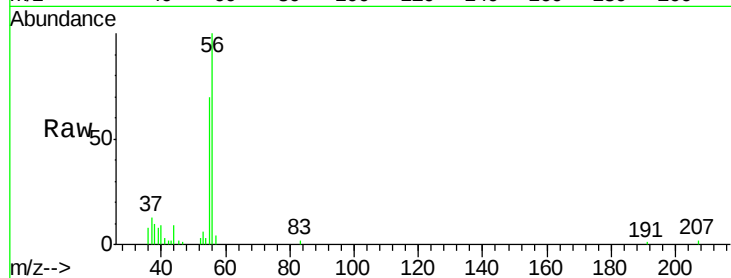
VW0821SBSD01

Tot Ion: 56 Resp: 12195

Ion Ratio Lower Upper

56 100

55 72.2 56.0 84.0



#14

Allyl chloride

Concen: 20.990 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

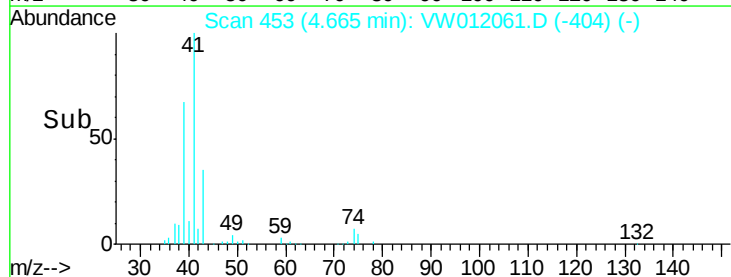
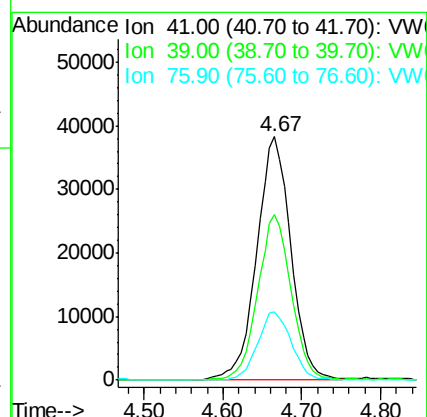
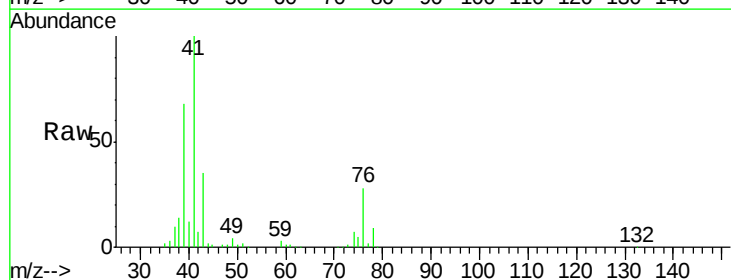
Tgt Ion: 41 Resp: 115503

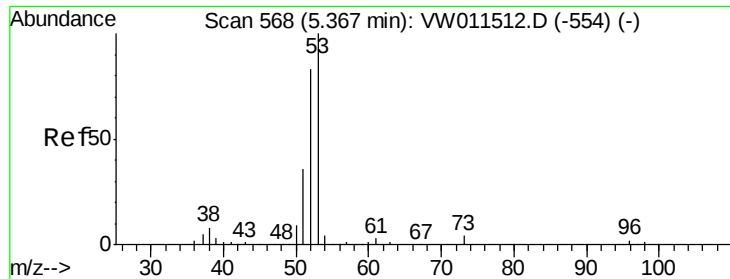
Ion Ratio Lower Upper

41 100

39 65.8 52.6 78.8

76 27.5 22.0 33.0





#15

Acrylonitrile

Concen: 106.837 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0821SBS01

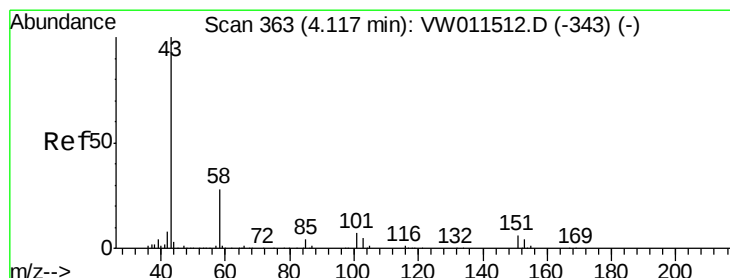
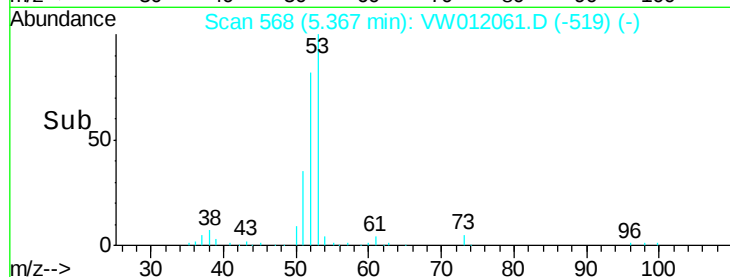
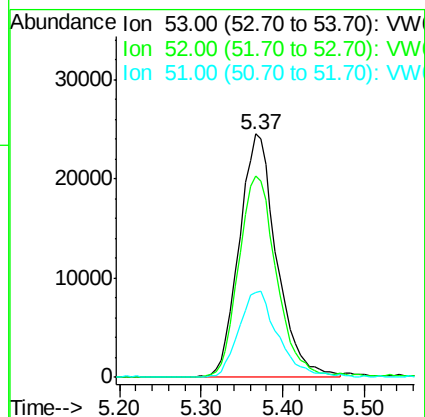
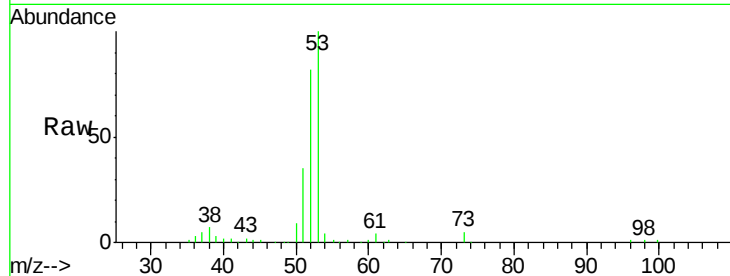
Tot Ion: 53 Resp: 78107

Ion Ratio Lower Upper

53 100

52 83.6 67.2 100.8

51 37.2 30.0 45.0



#16

Acetone

Concen: 87.163 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012061.D

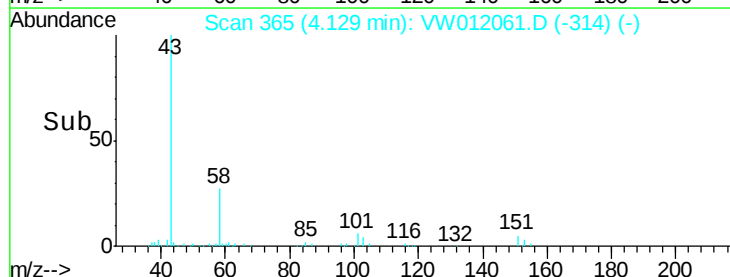
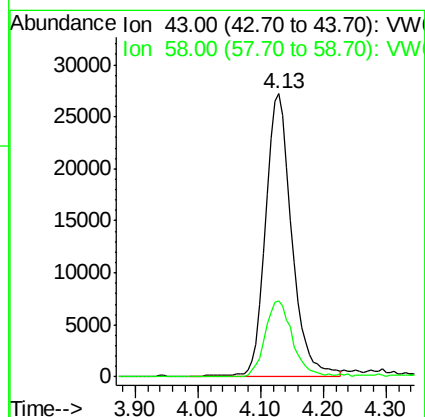
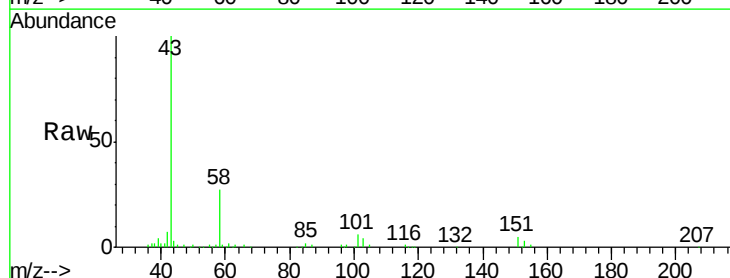
Acq: 21 Aug 2019 10:33

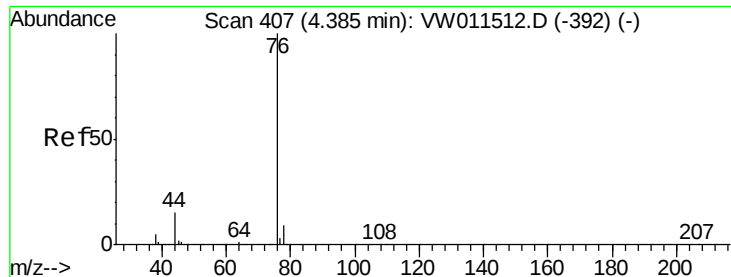
Tgt Ion: 43 Resp: 79091

Ion Ratio Lower Upper

43 100

58 27.0 22.3 33.5

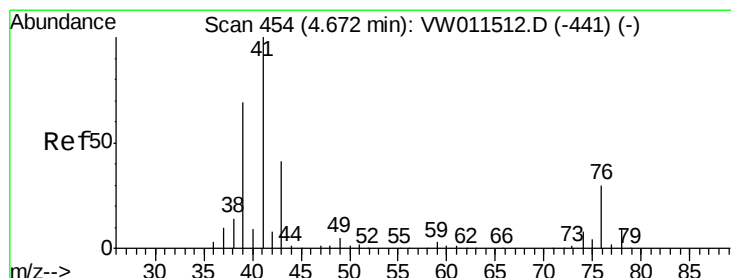
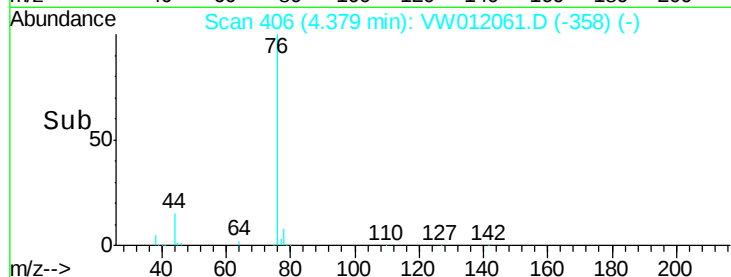
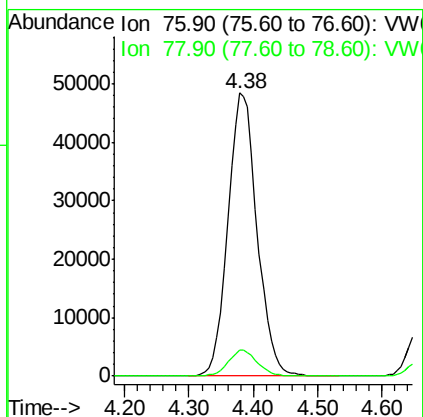
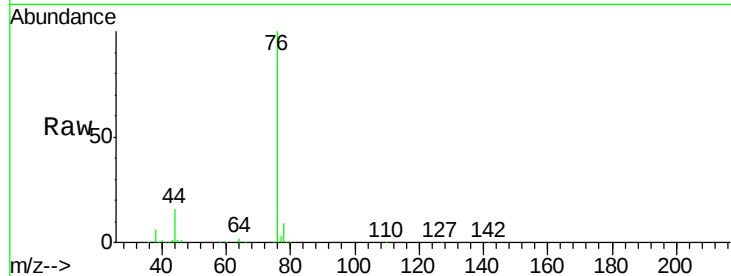




#17  
Carbon Disulfide  
Concen: 18.882 ug/l  
RT: 4.38 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

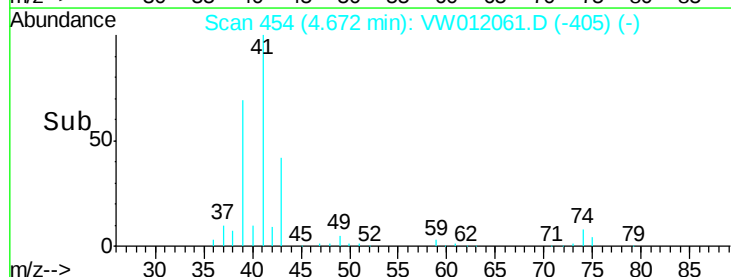
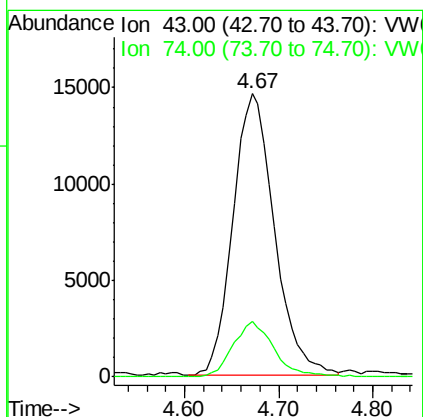
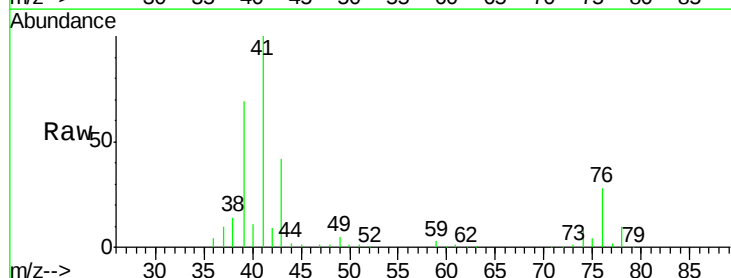
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0821SBSD01

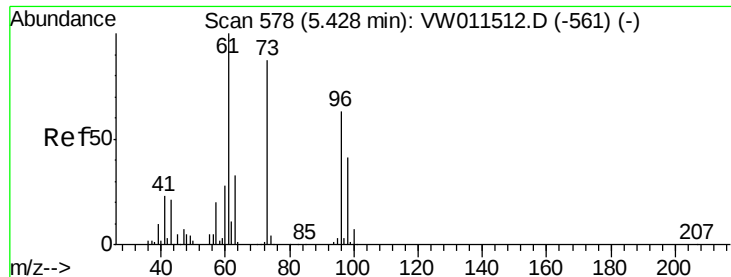
Tot Ion: 76 Resp: 152893  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.1 10.7



#18  
Methyl Acetate  
Concen: 22.005 ug/l  
RT: 4.67 min Scan# 454  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Tgt Ion: 43 Resp: 44855  
Ion Ratio Lower Upper  
43 100  
74 19.5 15.9 23.9

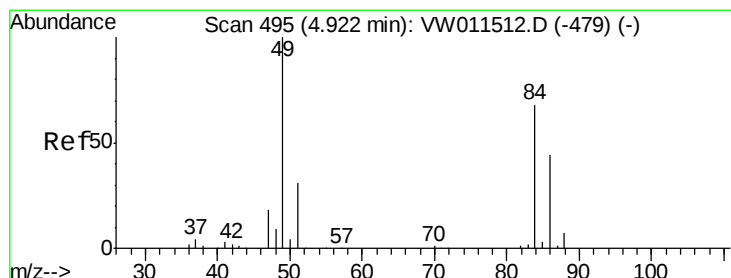
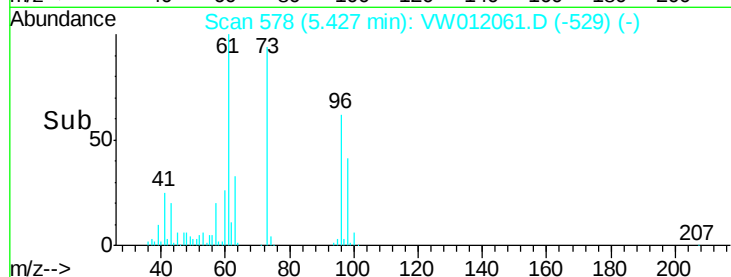
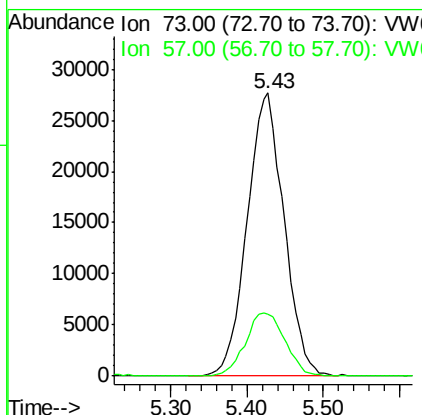
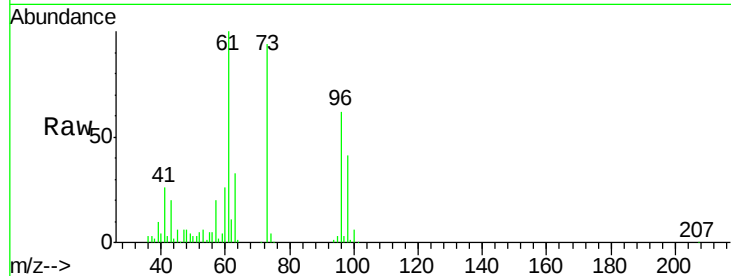




#19  
Methyl tert-butyl Ether  
Concen: 22.626 ug/l  
RT: 5.43 min Scan# 578  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

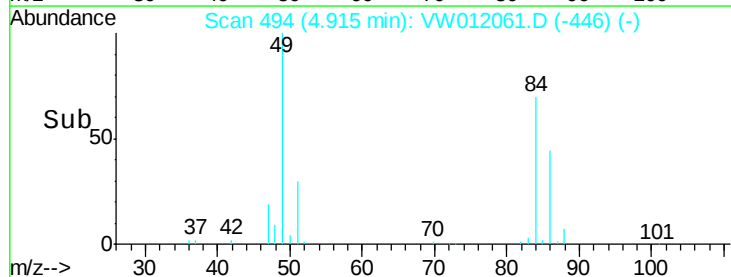
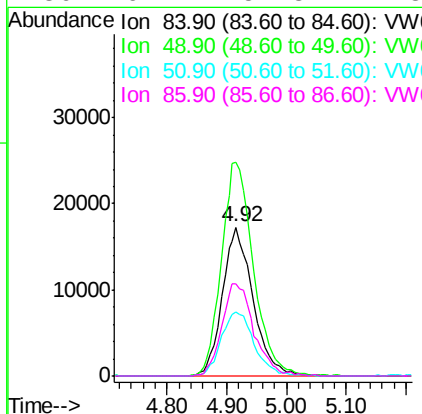
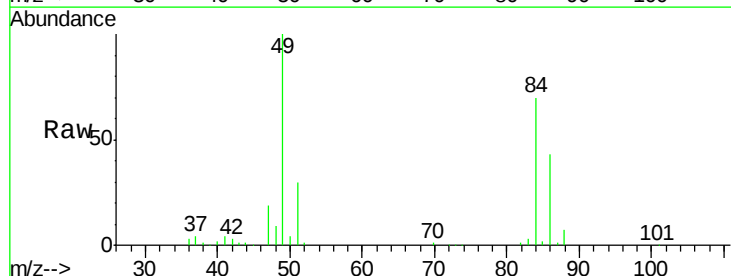
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0821SBS01

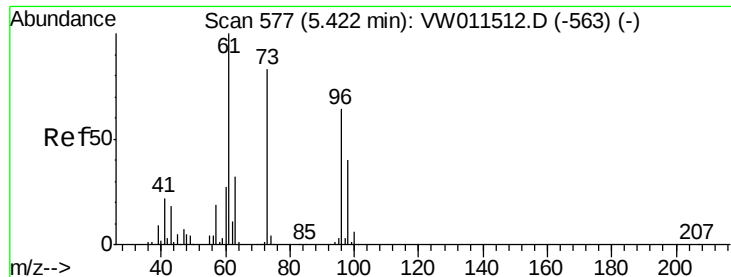
Tot Ion: 73 Resp: 92894  
Ion Ratio Lower Upper  
73 100  
57 21.7 18.4 27.6



#20  
Methylene Chloride  
Concen: 19.668 ug/l  
RT: 4.92 min Scan# 494  
Delta R.T. -0.01 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Tgt Ion: 84 Resp: 61548  
Ion Ratio Lower Upper  
84 100  
49 142.9 117.8 176.6  
51 43.4 37.0 55.4  
86 62.2 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 21.271 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0821SBSD01

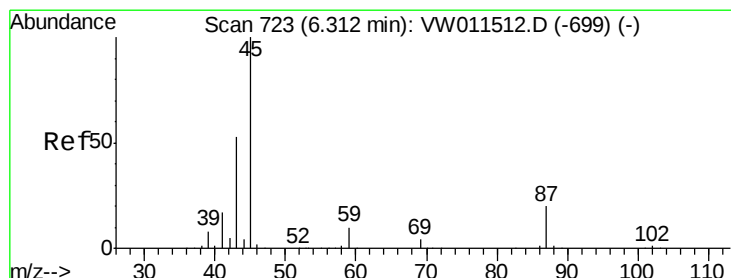
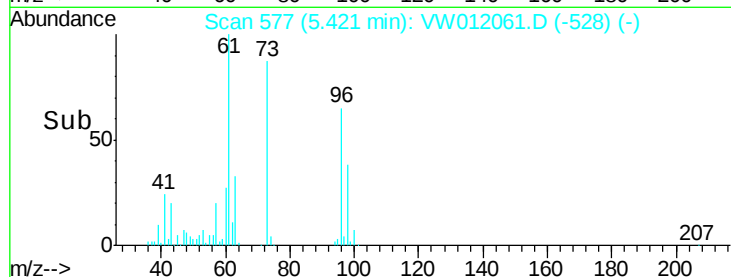
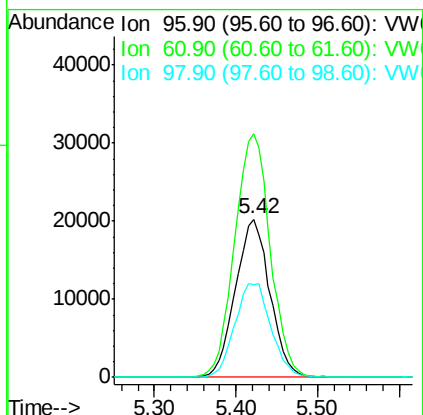
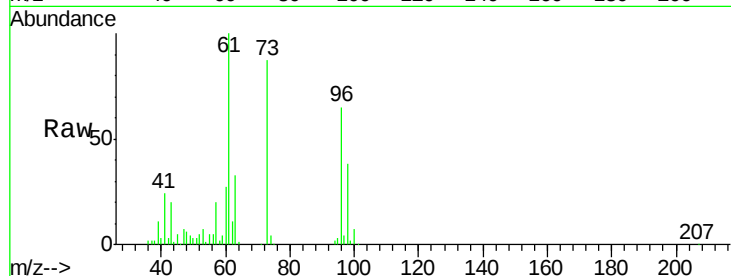
Tot Ion: 96 Resp: 59332

Ion Ratio Lower Upper

96 100

61 154.0 125.7 188.5

98 58.7 50.3 75.5



#22

Diisopropyl ether

Concen: 21.781 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Tgt Ion: 45 Resp: 225970

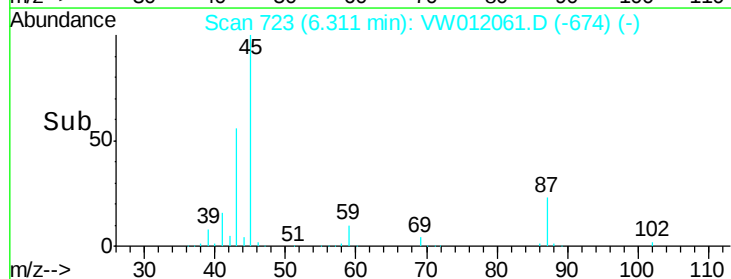
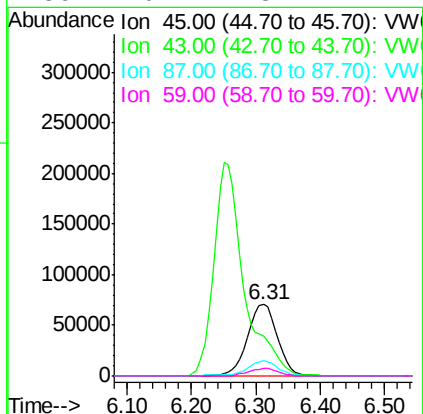
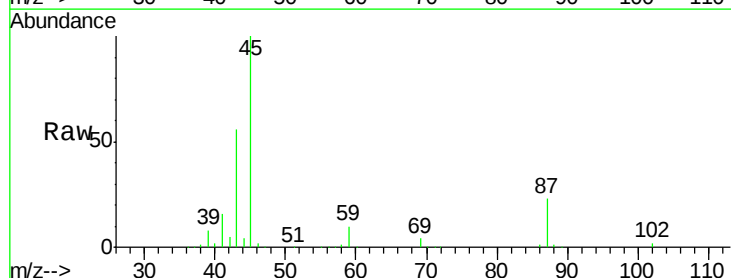
Ion Ratio Lower Upper

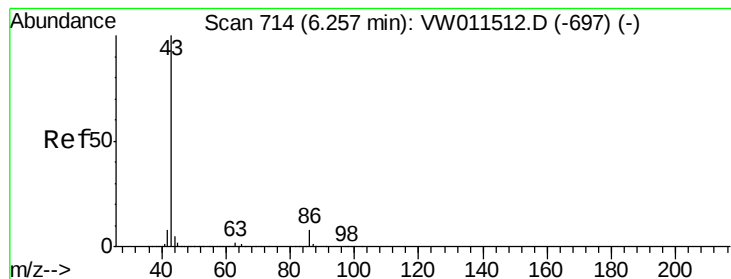
45 100

43 54.8 42.6 63.8

87 22.5 16.4 24.6

59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 106.328 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

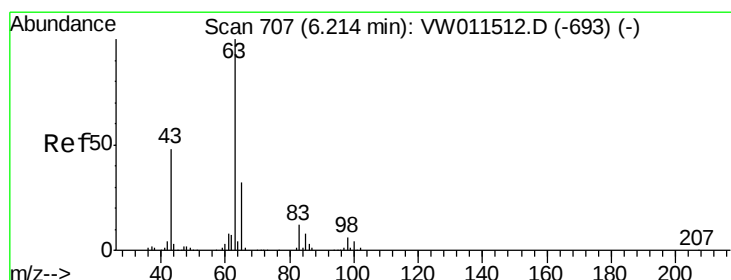
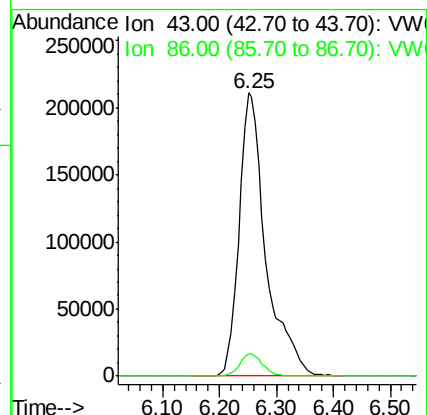
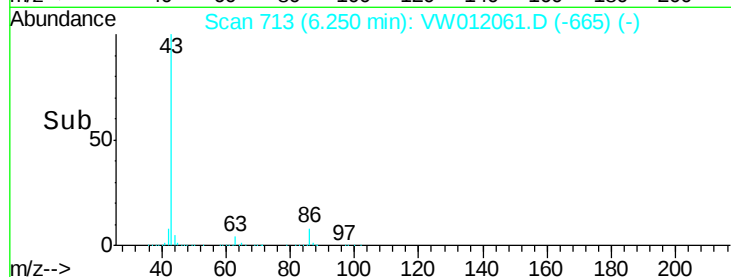
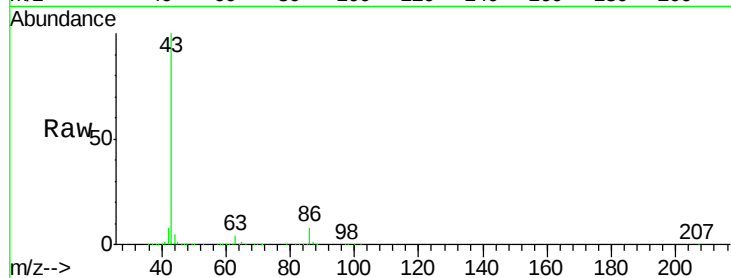
VW0821SBS01

Tot Ion: 43 Resp: 693140

Ion Ratio Lower Upper

43 100

86 7.9 6.5 9.7



#24

1,1-Dichloroethane

Concen: 21.447 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

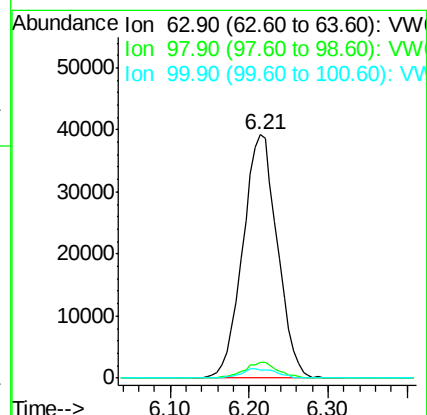
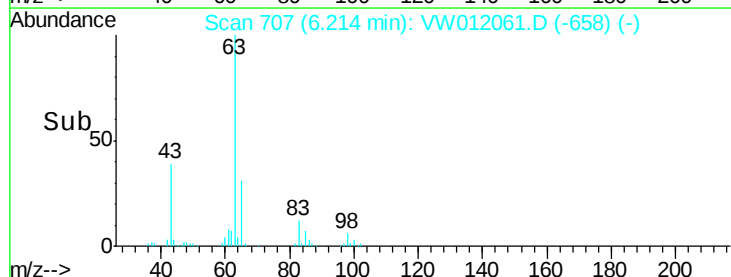
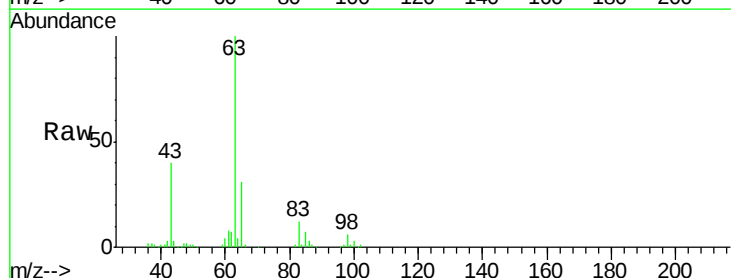
Tgt Ion: 63 Resp: 119165

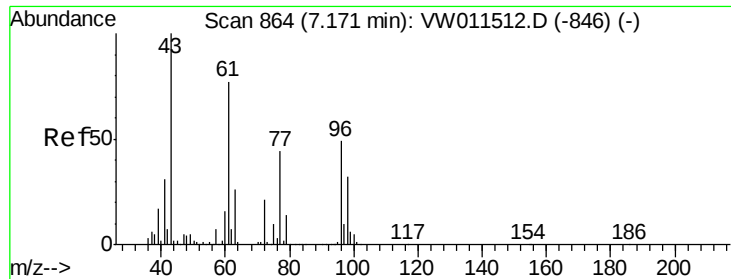
Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 3.3 2.1 6.3





#25

2-Butanone

Concen: 98.302 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleID :

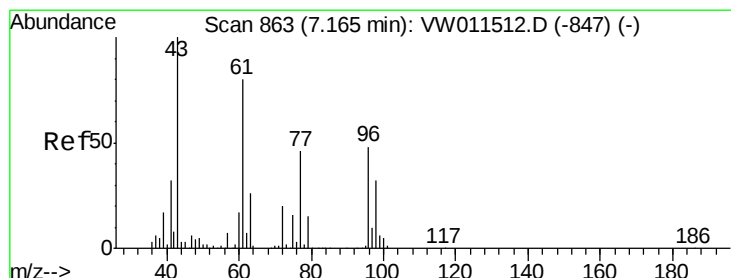
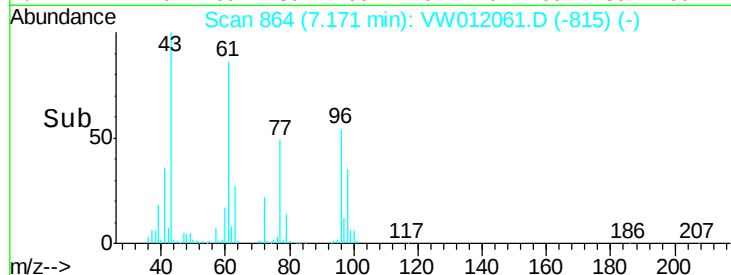
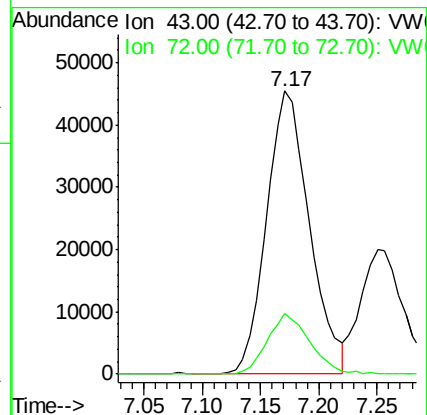
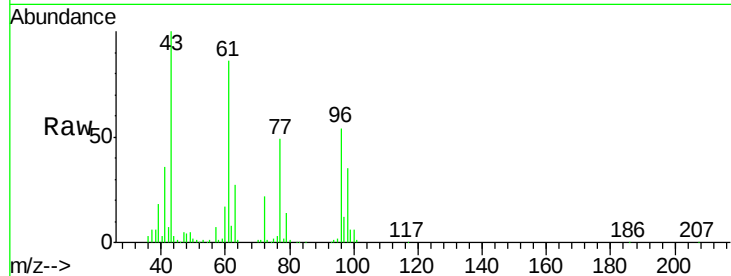
VW0821SBS01

Tot Ion: 43 Resp: 116718

Ion Ratio Lower Upper

43 100

72 21.6 16.6 24.8



#26

2,2-Dichloropropane

Concen: 19.512 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012061.D

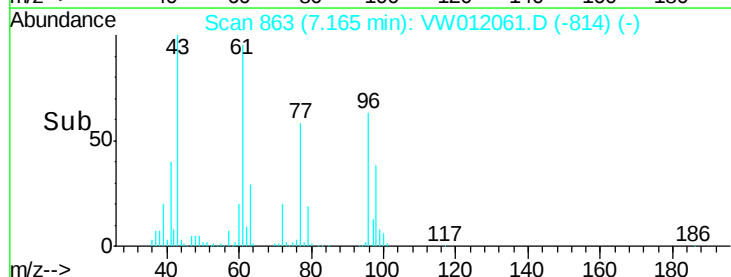
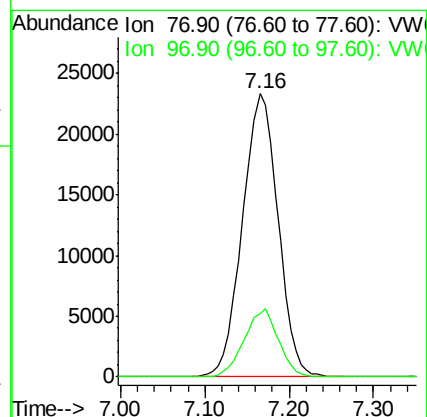
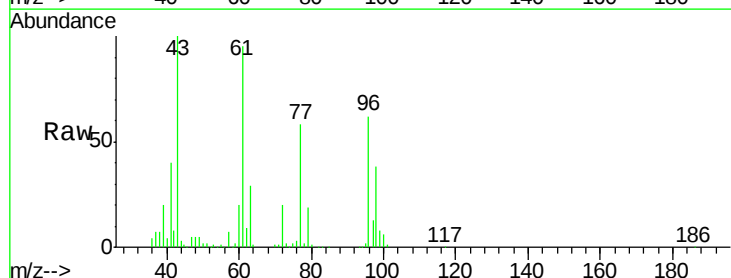
Acq: 21 Aug 2019 10:33

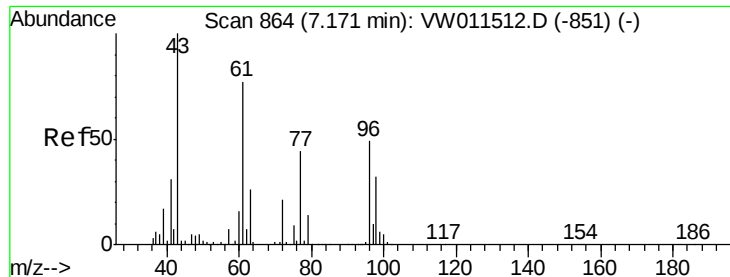
Tgt Ion: 77 Resp: 66672

Ion Ratio Lower Upper

77 100

97 23.1 10.8 32.4



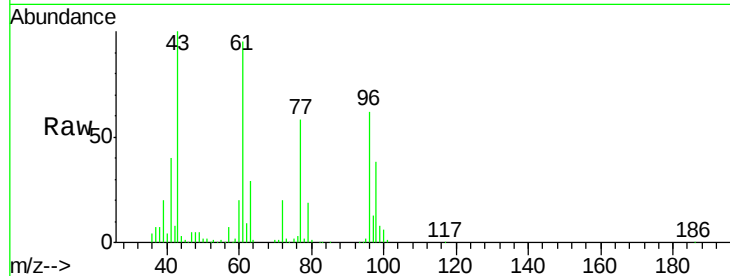


#27

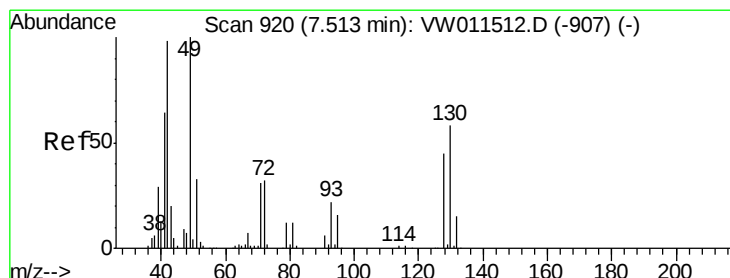
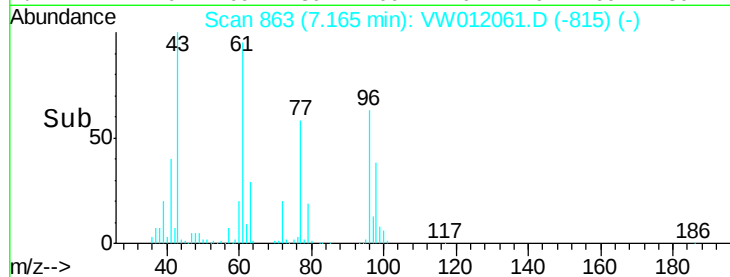
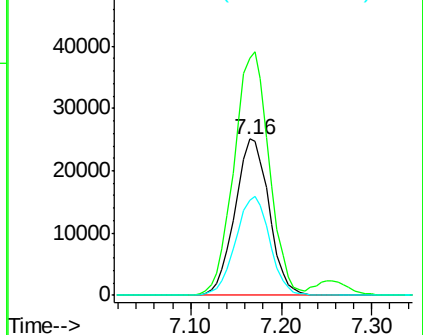
cis-1,2-Dichloroethene  
Concen: 21.326 ug/l  
RT: 7.16 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0821SBSD01

Tot Ion: 96 Resp: 65468  
Ion Ratio Lower Upper  
96 100  
61 160.7 0.0 328.4  
98 63.6 0.0 128.8



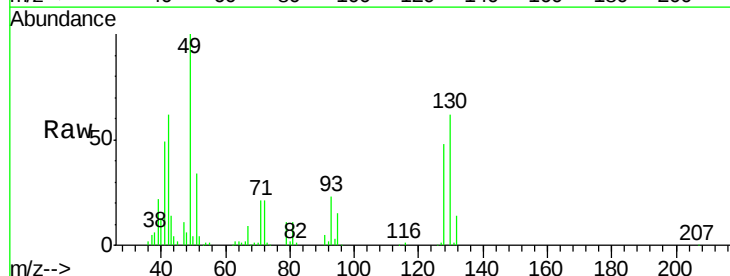
Abundance Ion 95.90 (95.60 to 96.60): VW  
Ion 60.90 (60.60 to 61.60): VW  
Ion 97.90 (97.60 to 98.60): VW



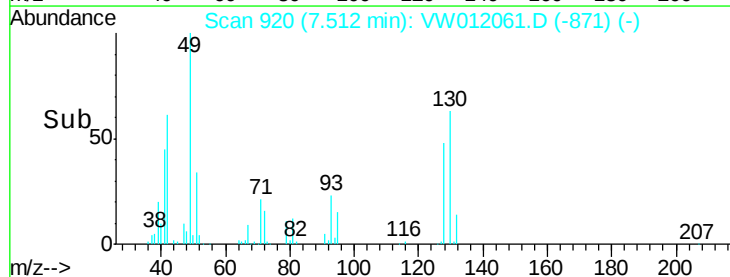
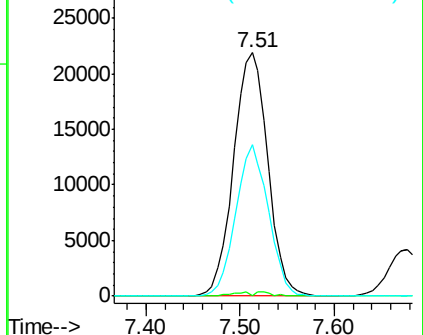
#28

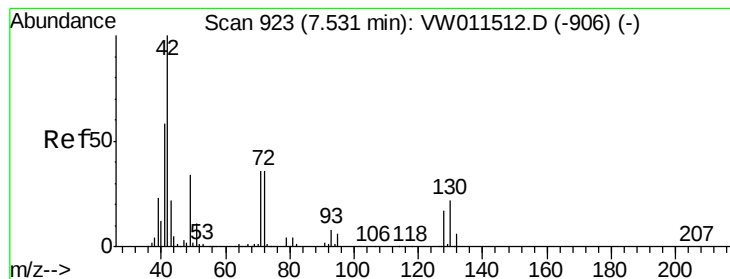
Bromochloromethane  
Concen: 22.532 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Tgt Ion: 49 Resp: 55570  
Ion Ratio Lower Upper  
49 100  
129 0.8 0.0 1.0  
130 59.3 46.3 69.5



Abundance Ion 48.90 (48.60 to 49.60): VW  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 107.826 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0821SBSD01

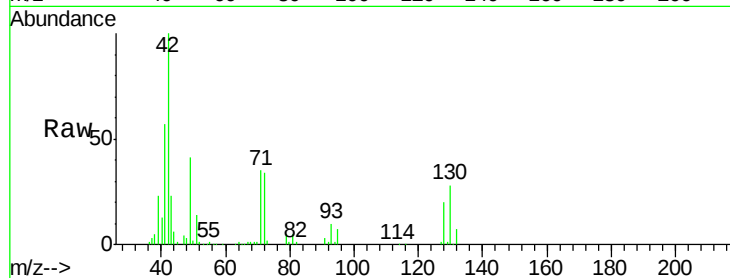
Tot Ion: 42 Resp: 73181

Ion Ratio Lower Upper

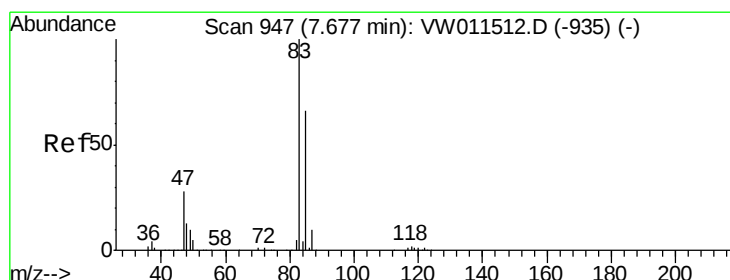
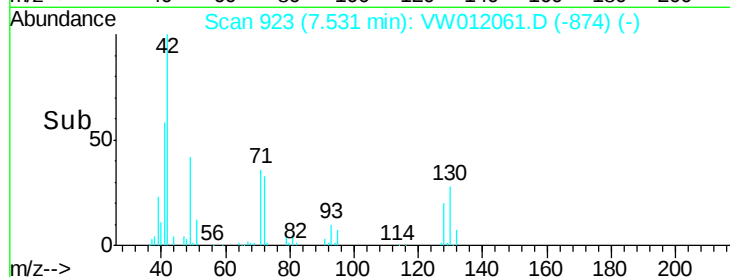
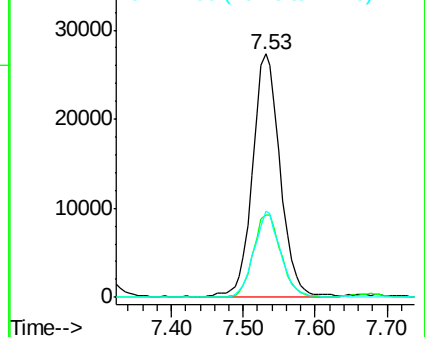
42 100

72 34.1 27.1 40.7

71 34.0 26.2 39.4



Abundance Ion 42.00 (41.70 to 42.70): VW  
Ion 72.00 (71.70 to 72.70): VW  
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 21.663 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW012061.D

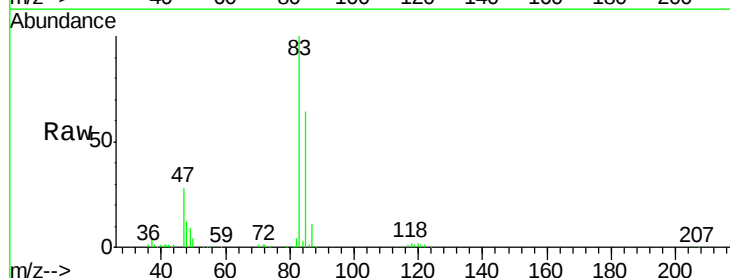
Acq: 21 Aug 2019 10:33

Tgt Ion: 83 Resp: 111048

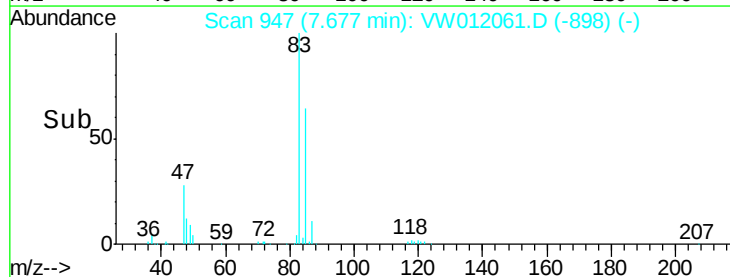
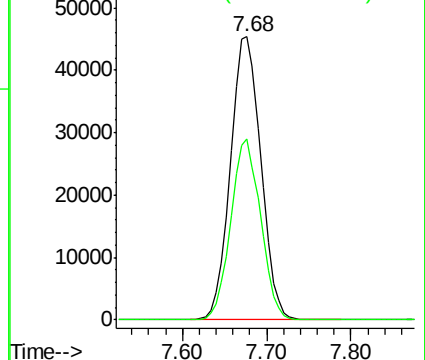
Ion Ratio Lower Upper

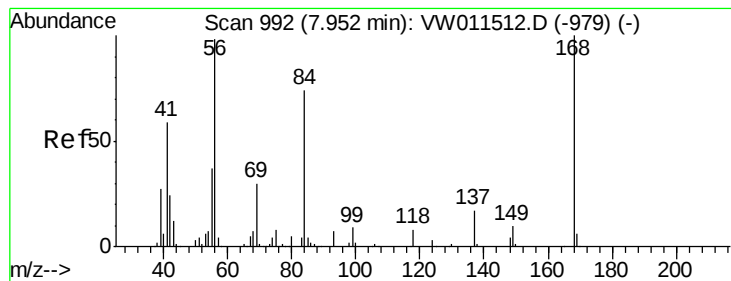
83 100

85 64.0 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VW  
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 21.219 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0821SBS01

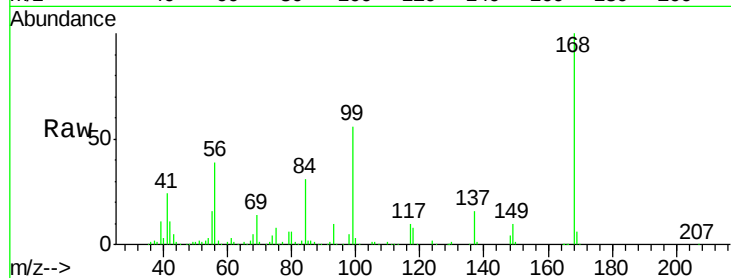
Tot Ion: 56 Resp: 113173

Ion Ratio Lower Upper

56 100

69 36.2 24.3 36.5

84 79.3 60.4 90.6

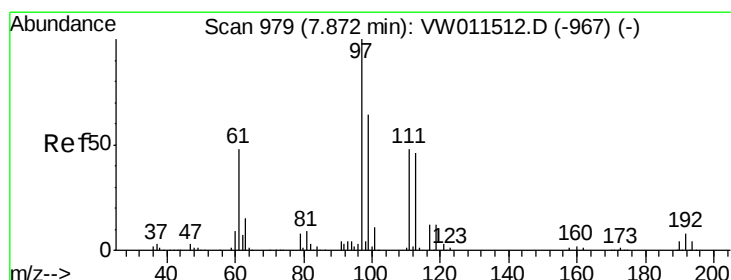
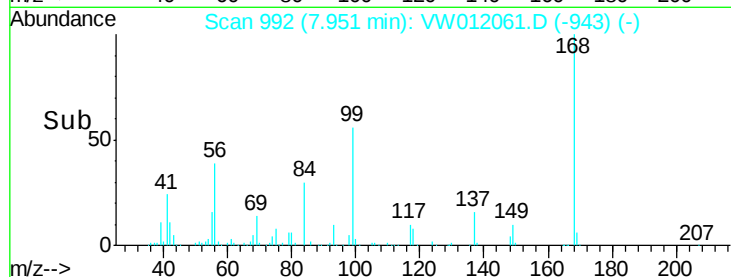
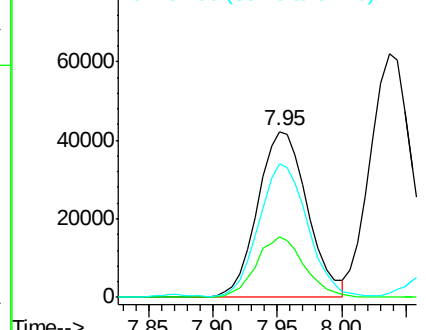


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 22.066 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

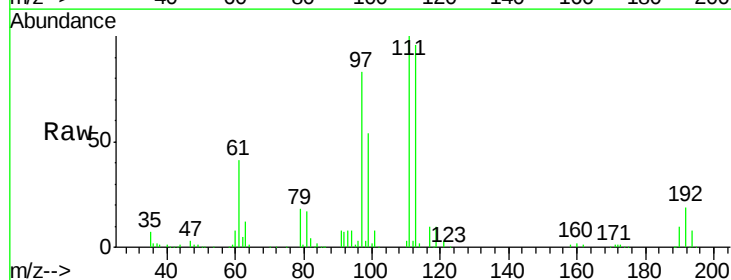
Tgt Ion: 97 Resp: 86142

Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.6

61 49.5 39.8 59.6

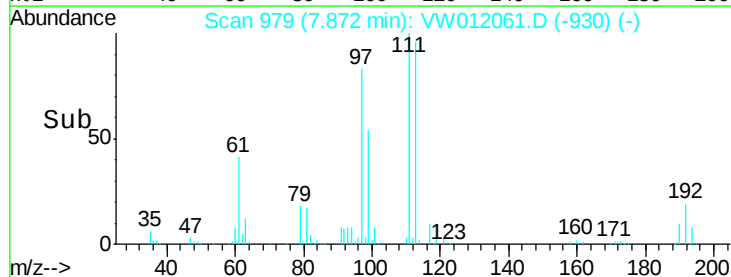
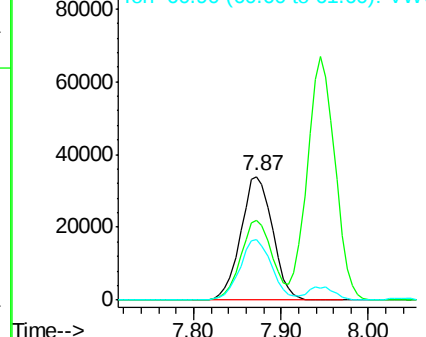


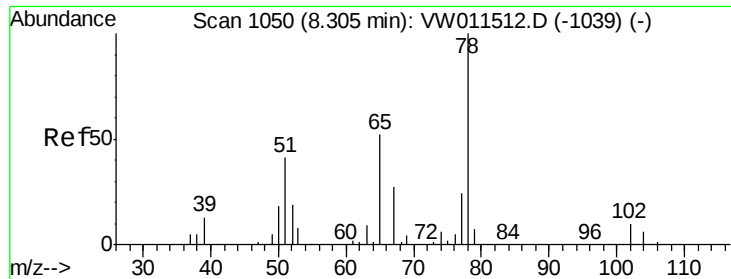
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

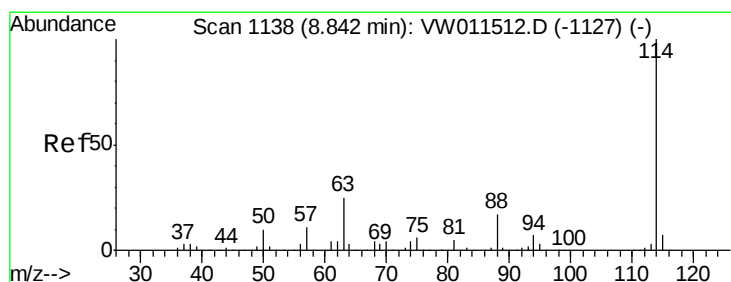
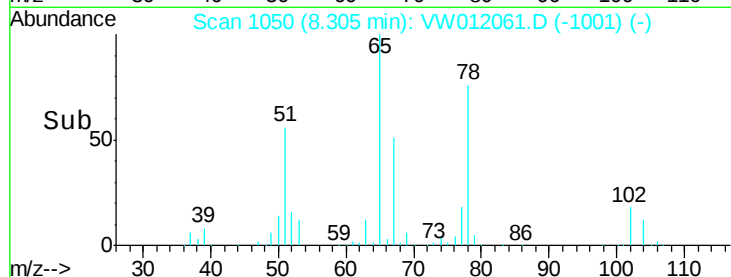
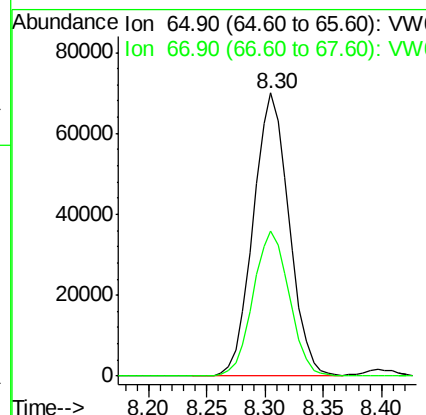
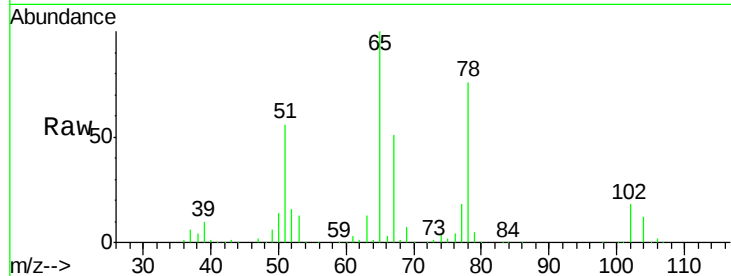




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.767 ug/l  
 RT: 8.30 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

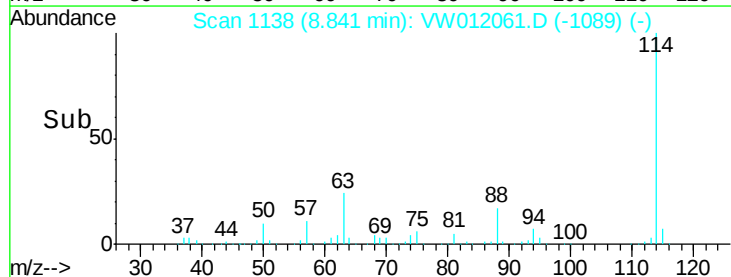
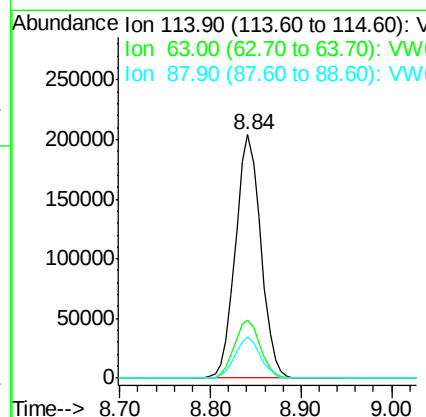
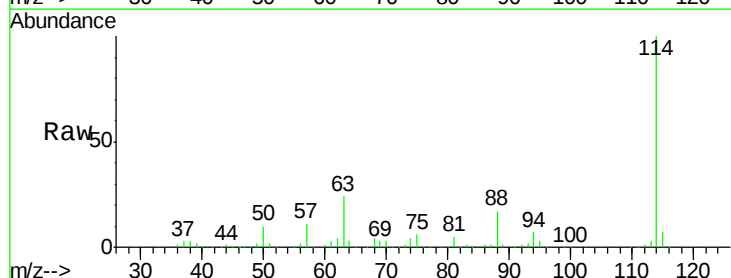
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0821SBSD01

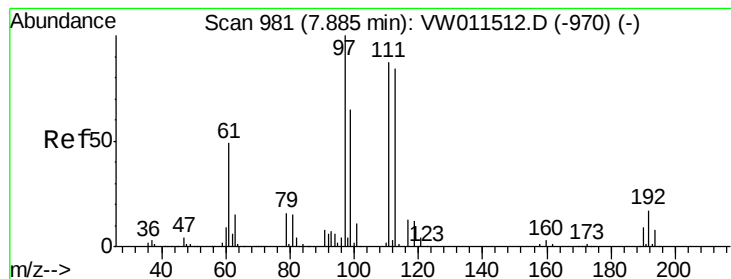
Tot Ion: 65 Resp: 150521  
 Ion Ratio Lower Upper  
 65 100  
 67 51.6 0.0 105.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

Tgt Ion: 114 Resp: 395447  
 Ion Ratio Lower Upper  
 114 100  
 63 24.1 0.0 49.2  
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.925 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0821SBSD01

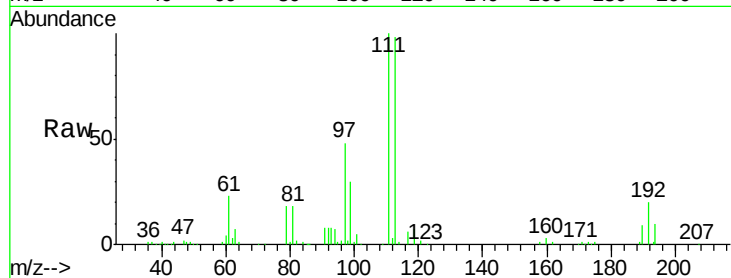
Tot Ion:113 Resp: 121853

Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

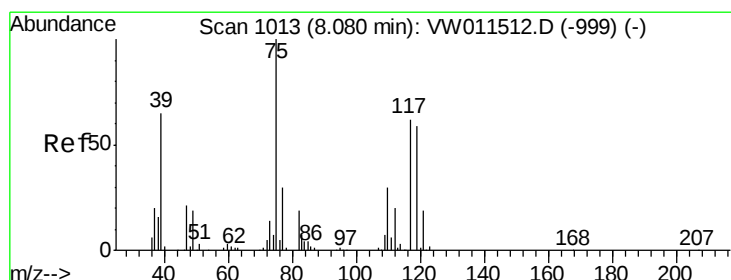
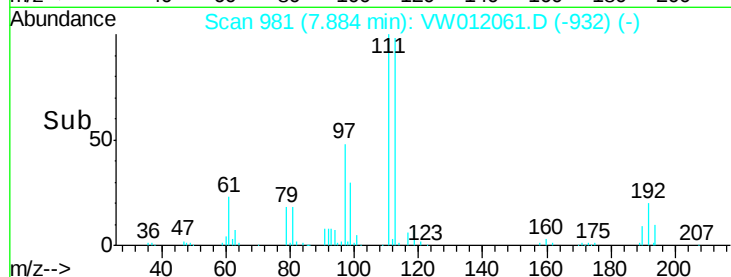
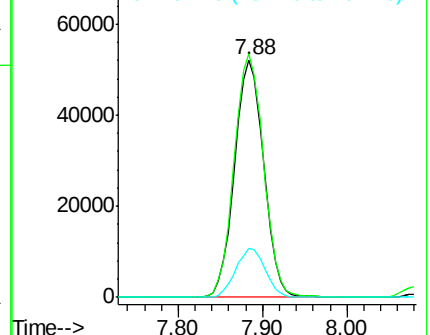
192 20.8 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.337 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

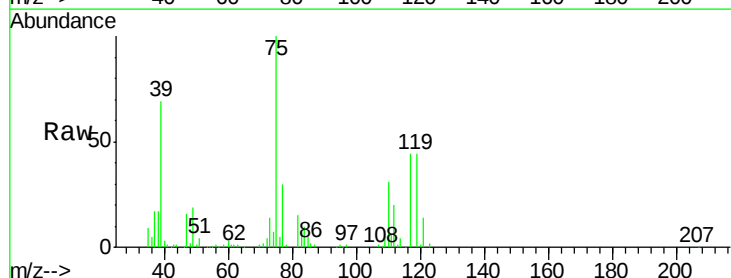
Tgt Ion: 75 Resp: 91848

Ion Ratio Lower Upper

75 100

110 31.0 15.6 46.8

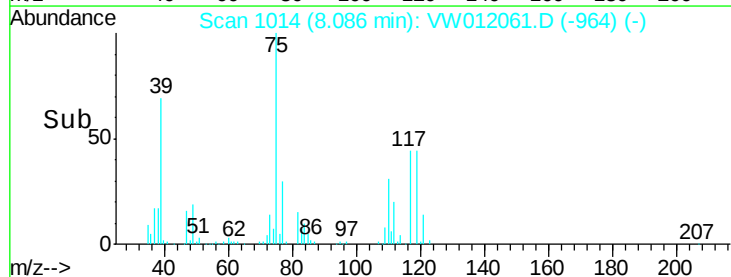
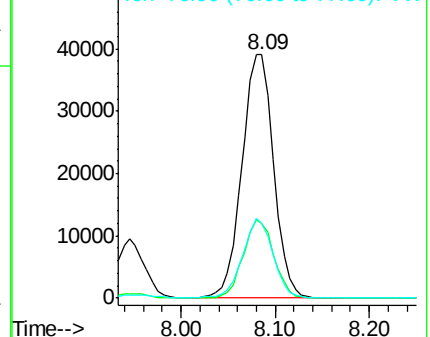
77 31.3 24.3 36.5

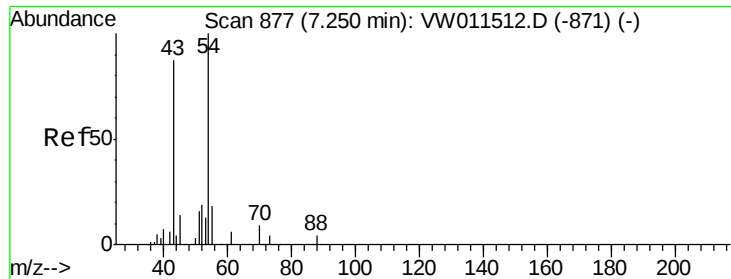


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

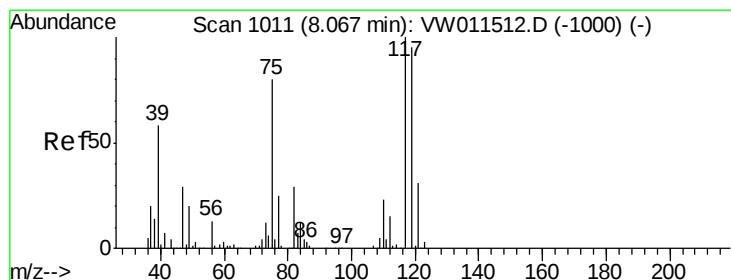
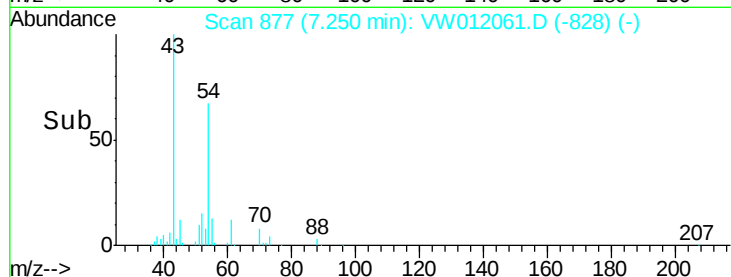
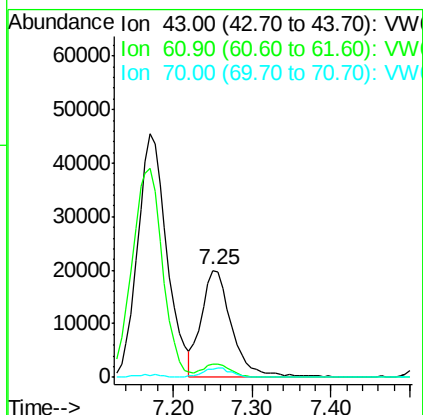
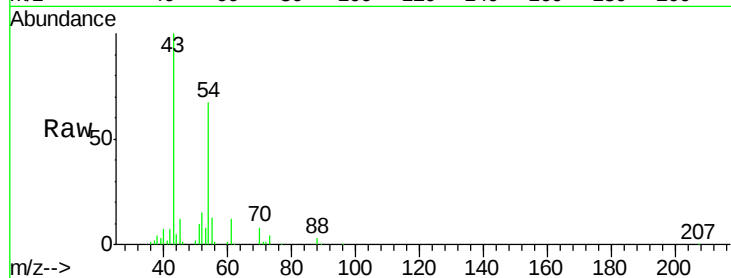




#37  
Ethyl Acetate  
Concen: 22.381 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

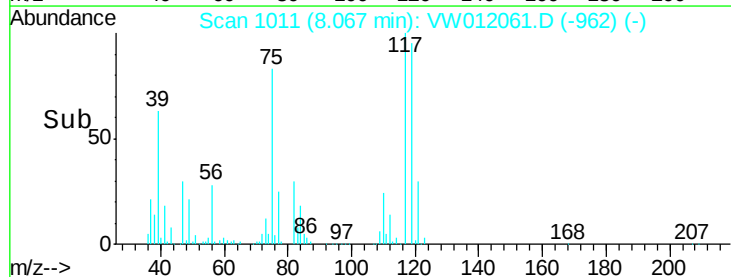
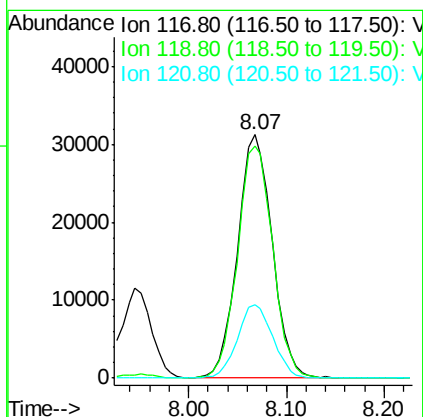
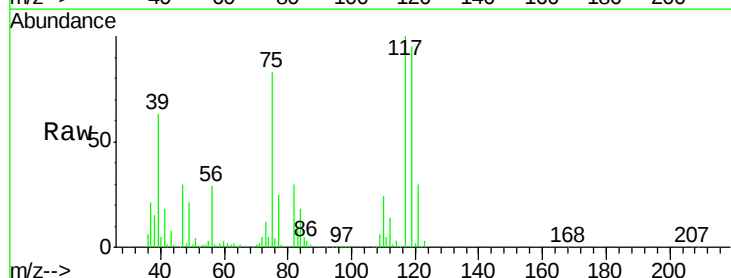
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0821SBS01

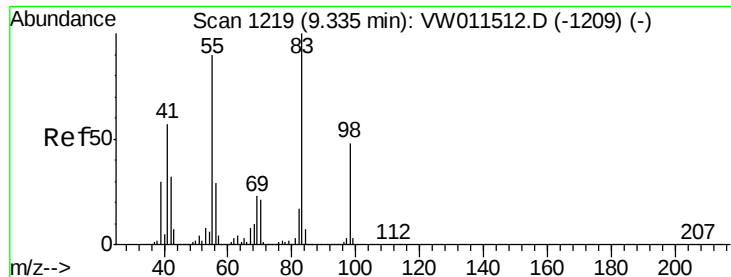
Tot Ion: 43 Resp: 52947  
Ion Ratio Lower Upper  
43 100  
61 11.6 8.8 13.2  
70 8.4 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 21.878 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Tgt Ion: 117 Resp: 77011  
Ion Ratio Lower Upper  
117 100  
119 95.5 75.8 113.6  
121 30.1 24.7 37.1

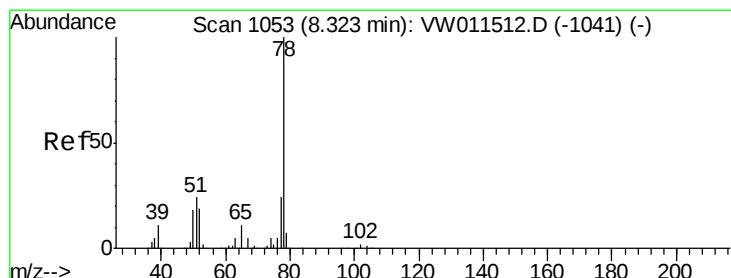
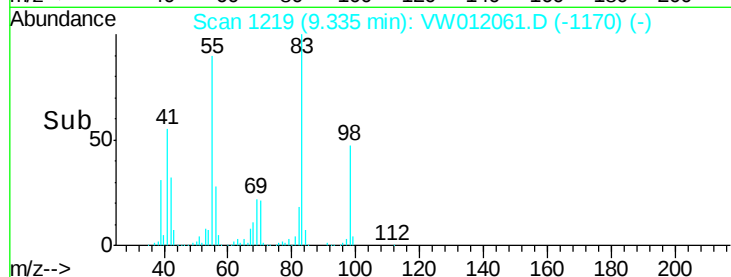
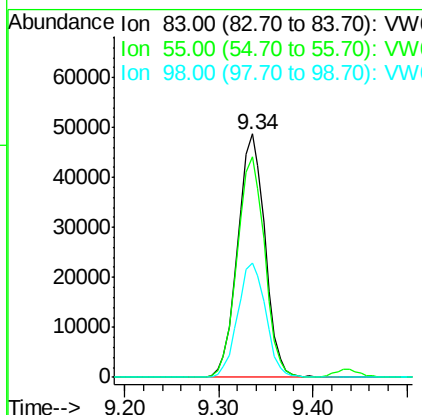
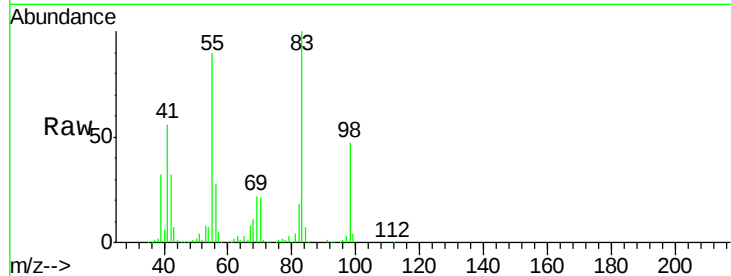




#39  
Methvlcvclohexane  
Concen: 21.816 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

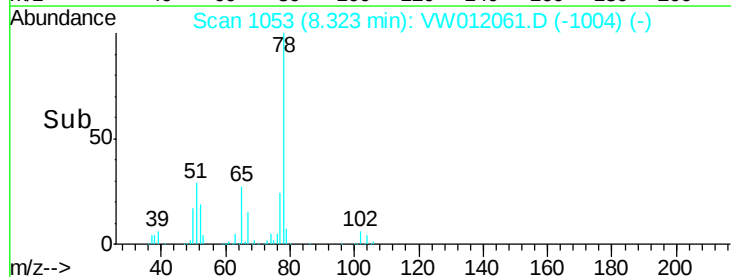
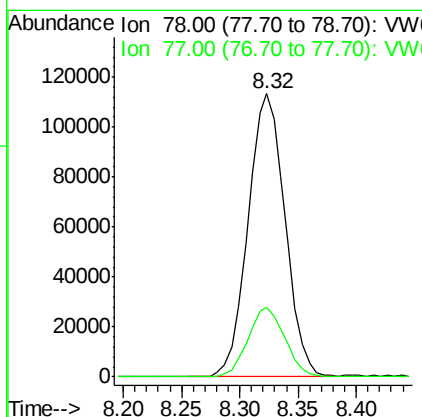
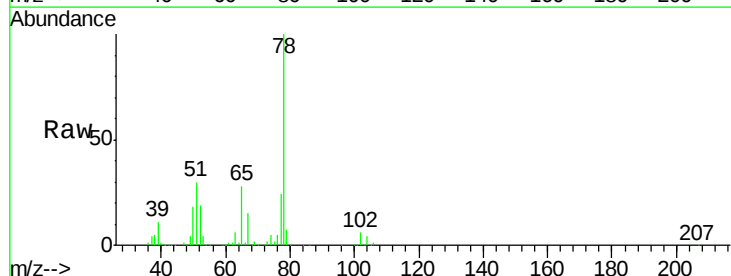
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0821SBS01

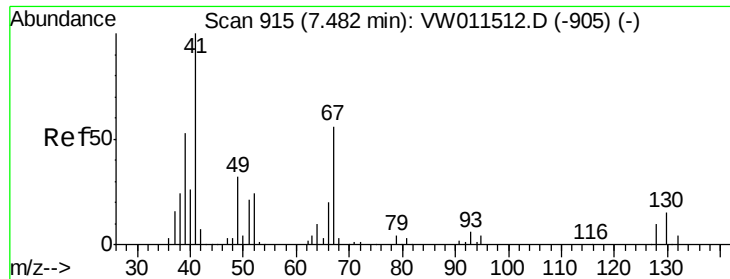
Tot Ion: 83 Resp: 98776  
Ion Ratio Lower Upper  
83 100  
55 90.4 72.1 108.1  
98 47.2 38.6 57.8



#40  
Benzene  
Concen: 21.779 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Tgt Ion: 78 Resp: 250848  
Ion Ratio Lower Upper  
78 100  
77 24.5 19.4 29.0

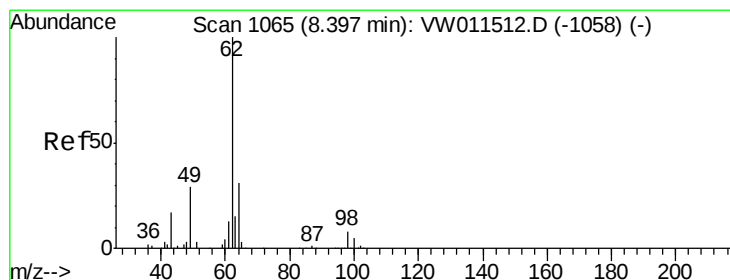
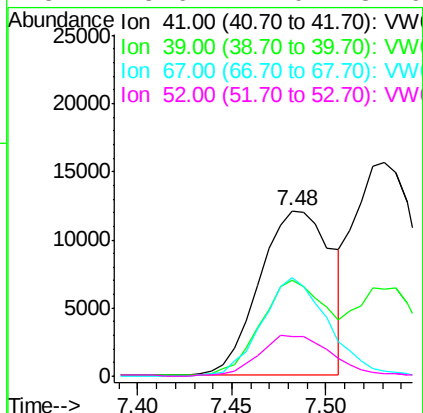
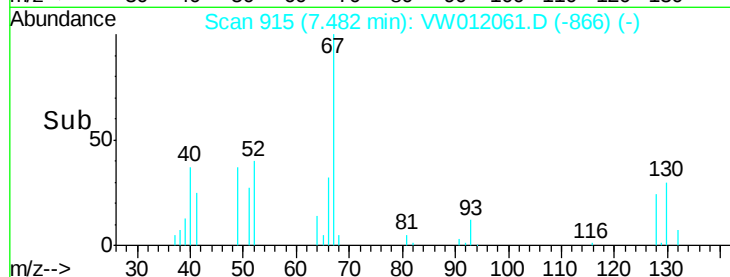
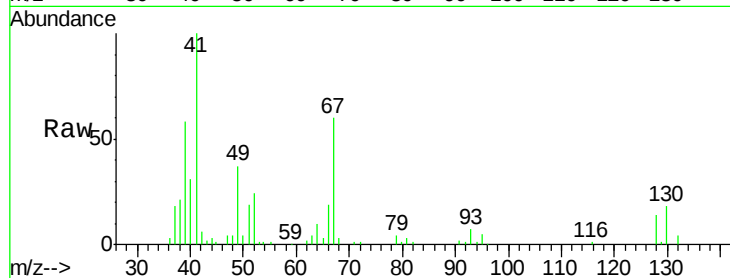




#41  
Methacrylonitrile  
Concen: 22.689 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

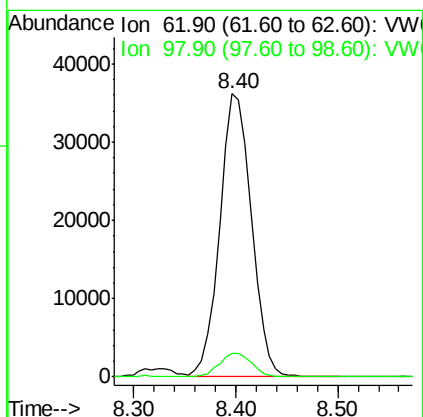
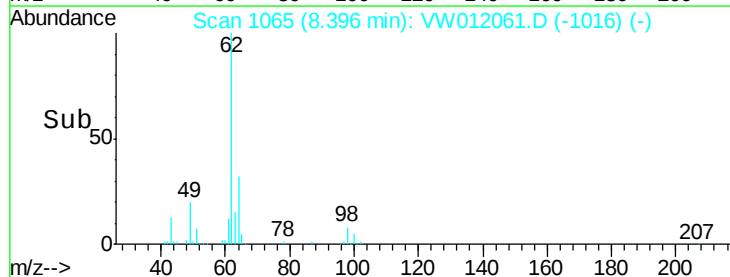
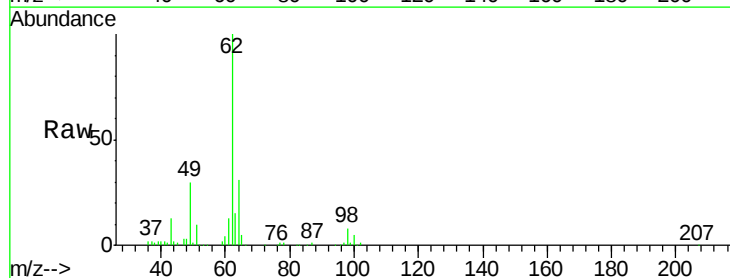
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0821SBS01

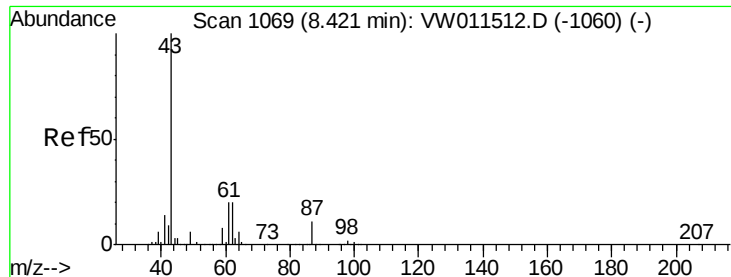
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 32085 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.7  | 43.0  | 64.4  |
| 67       | 56.2  | 47.5  | 71.3  |
| 52       | 25.6  | 21.0  | 31.6  |



#42  
1,2-Dichloroethane  
Concen: 21.717 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 78311 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.7   | 0.0   | 16.8  |



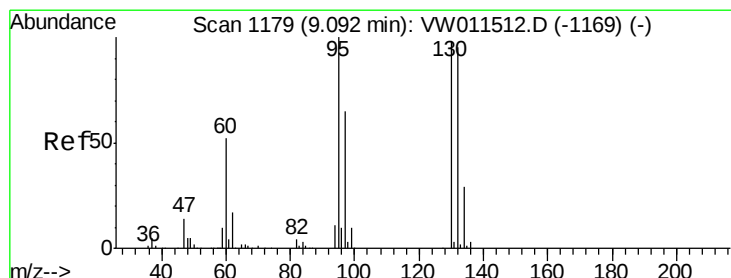
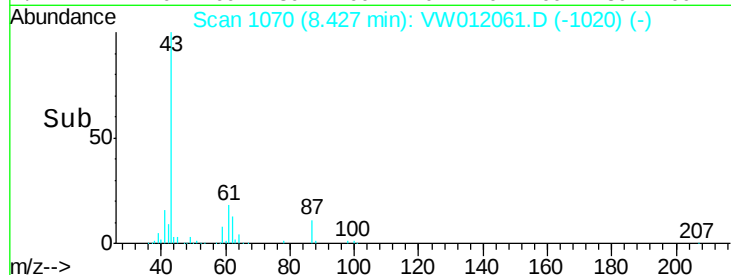
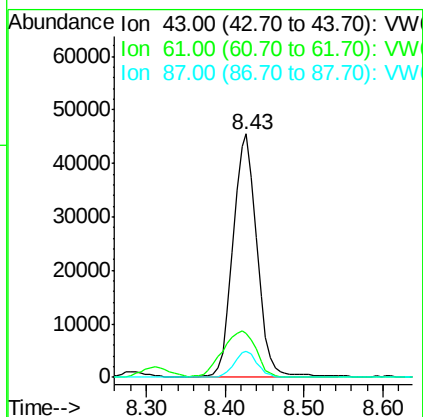
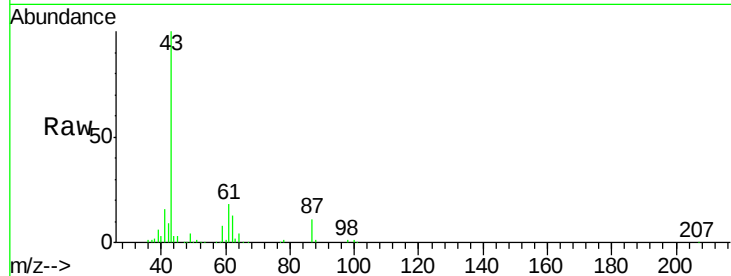


#43

Isopropyl Acetate  
 Concen: 21.949 ug/l  
 RT: 8.43 min Scan# 1070  
 Delta R.T. 0.01 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0821SBS01

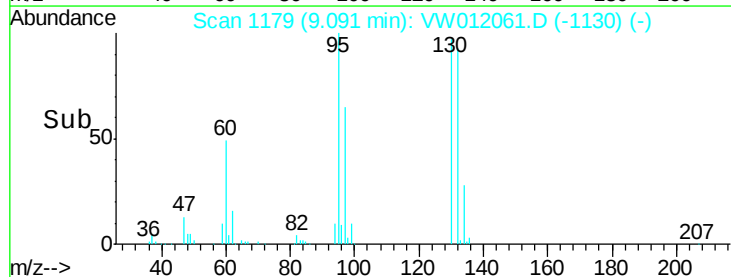
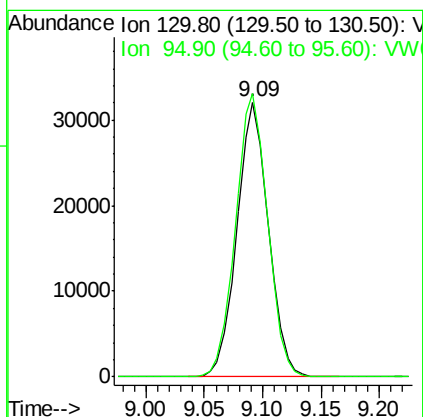
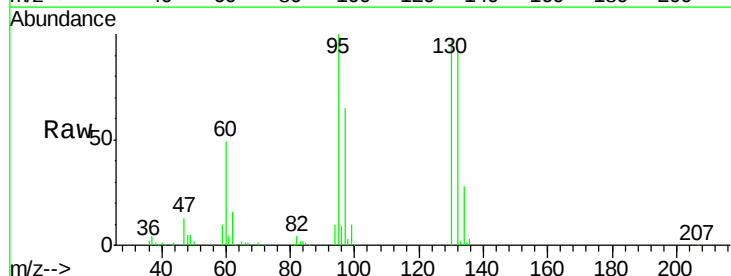
| Tot Ion   | 43    | Resp  | 95494 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 26.5  | 21.5  | 32.3  |
| 87        | 10.5  | 8.4   | 12.6  |

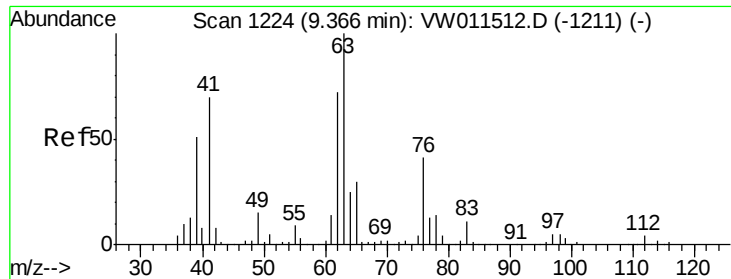


#44

Trichloroethene  
 Concen: 21.890 ug/l  
 RT: 9.09 min Scan# 1179  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

| Tgt Ion   | 130   | Resp  | 60596 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 103.0 | 0.0   | 204.8 |





#45

1,2-Dichloropropane

Concen: 21.808 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

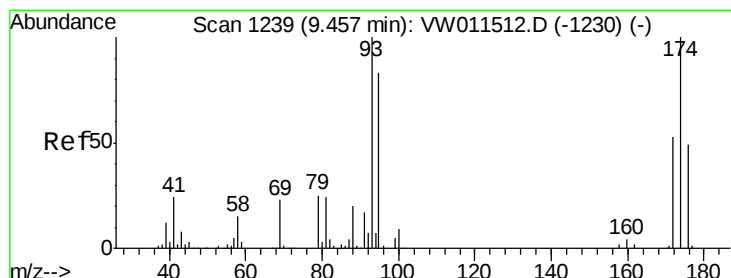
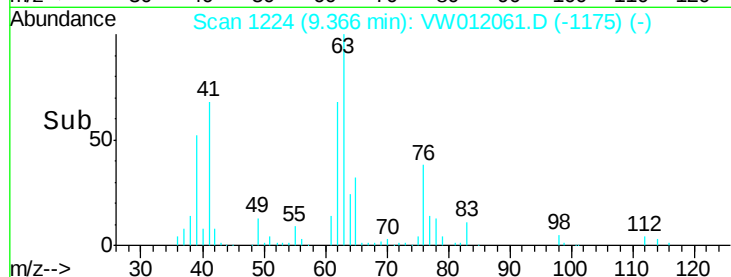
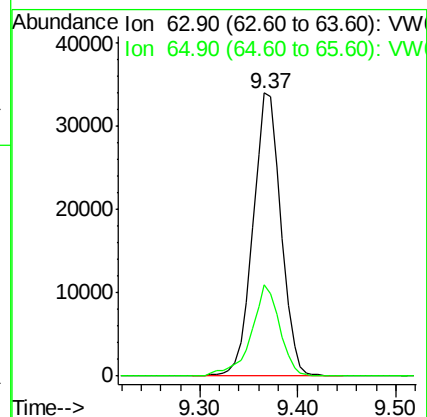
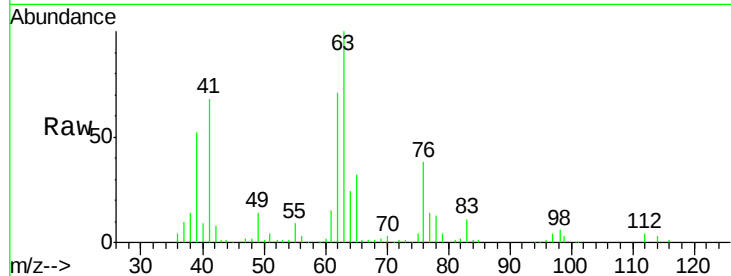
VW0821SBSD01

Tot Ion: 63 Resp: 67207

Ion Ratio Lower Upper

63 100

65 32.3 24.2 36.4



#46

Dibromomethane

Concen: 21.639 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

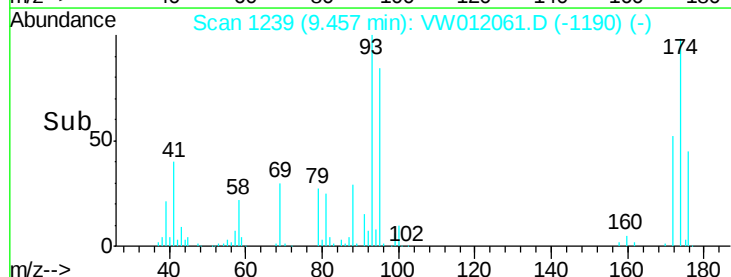
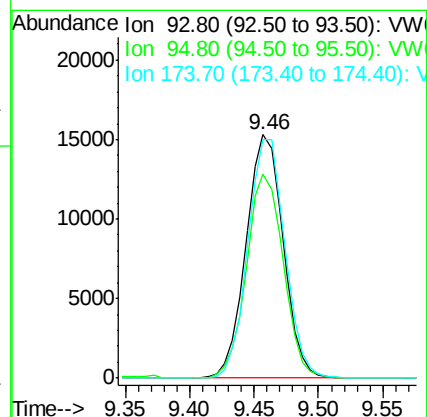
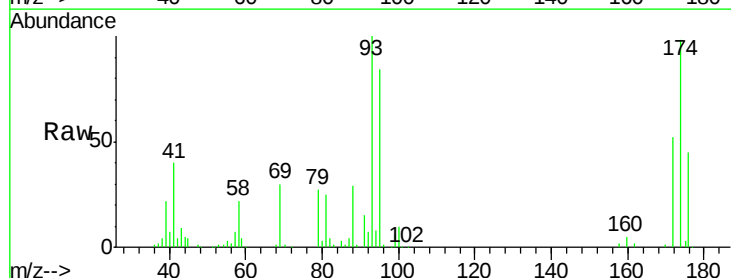
Tgt Ion: 93 Resp: 30437

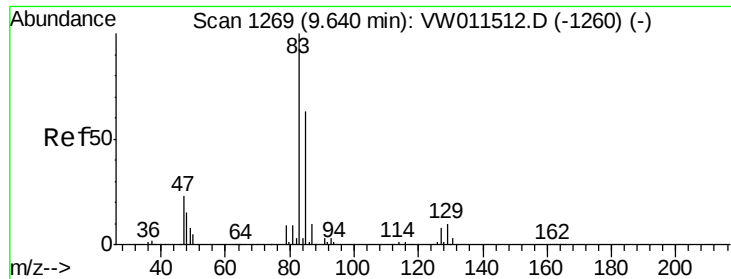
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.2

174 98.2 78.2 117.4

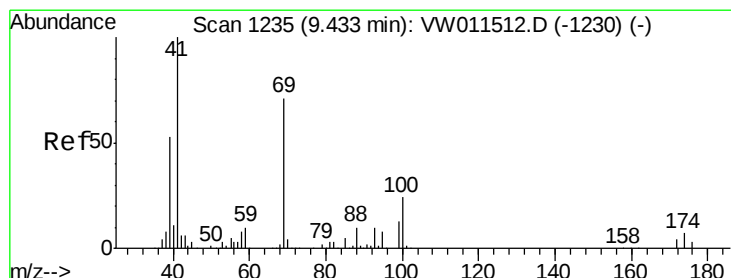
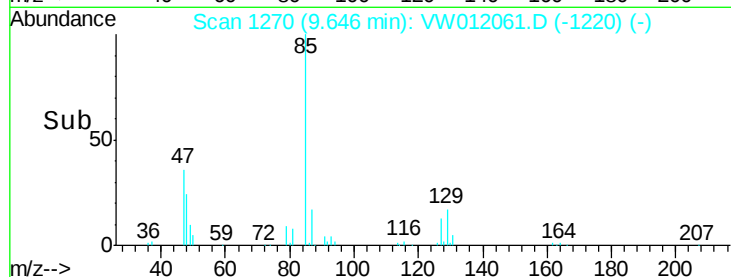
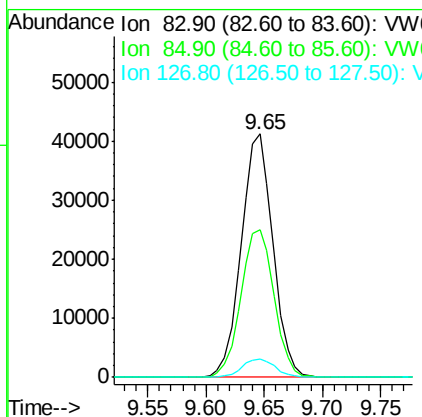
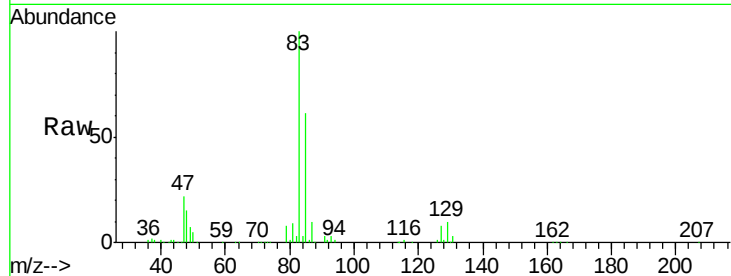




#47  
Bromodichloromethane  
Concen: 21.235 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. 0.01 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

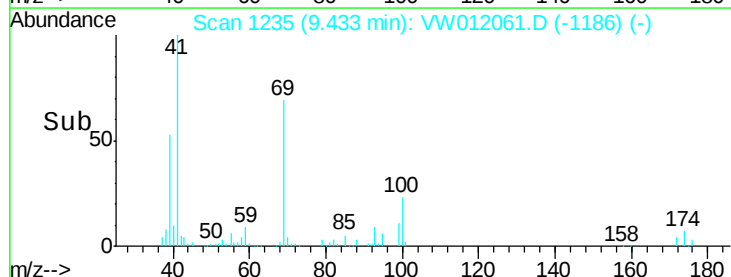
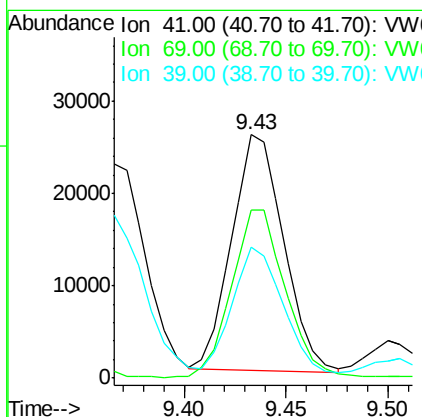
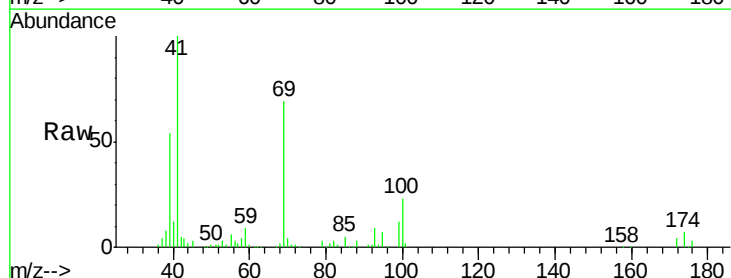
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0821SBSD01

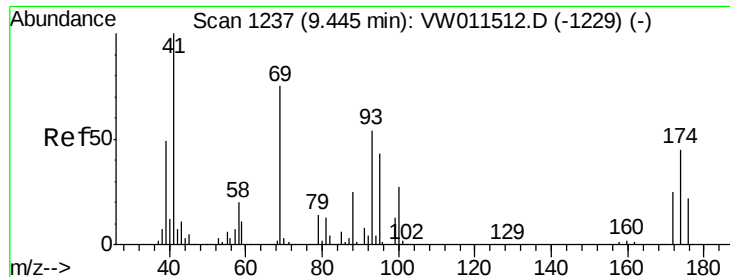
Tot Ion: 83 Resp: 78350  
Ion Ratio Lower Upper  
83 100  
85 60.5 50.5 75.7  
127 7.6 6.4 9.6



#48  
Methyl methacrylate  
Concen: 21.559 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Tgt Ion: 41 Resp: 45056  
Ion Ratio Lower Upper  
41 100  
69 75.5 57.1 85.7  
39 50.9 45.4 68.2





#49

1,4-Dioxane

Concen: 463.511 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0821SBS01

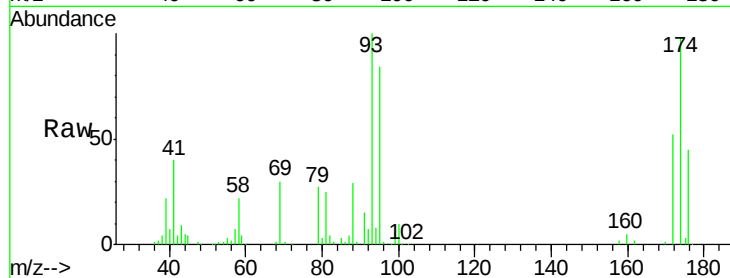
Tot Ion: 88 Resp: 9440

Ion Ratio Lower Upper

88 100

43 36.1 34.0 51.0

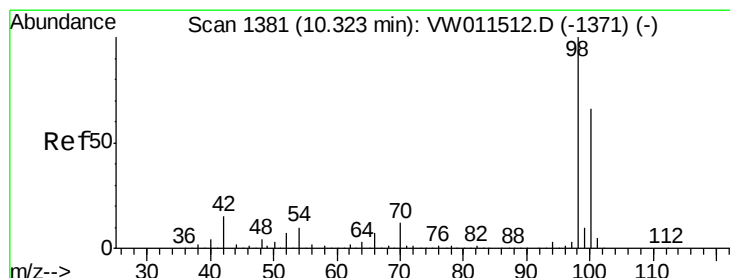
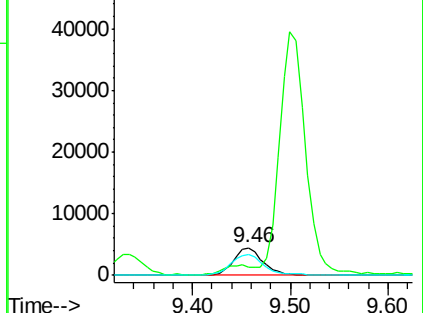
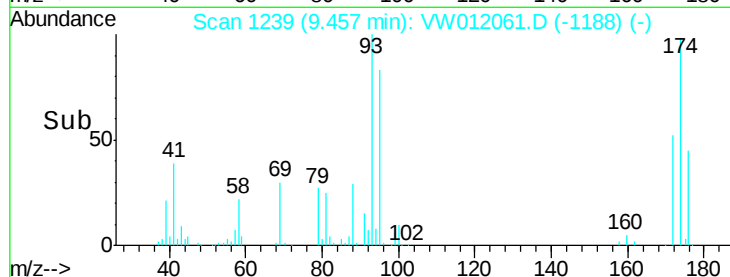
58 85.3 69.7 104.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 54.528 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012061.D

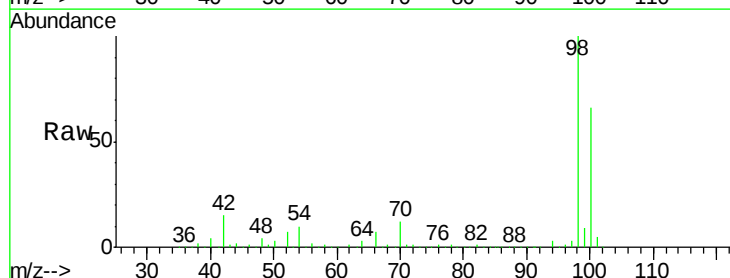
Acq: 21 Aug 2019 10:33

Tgt Ion: 98 Resp: 495299

Ion Ratio Lower Upper

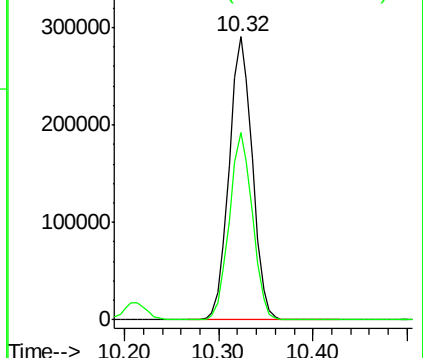
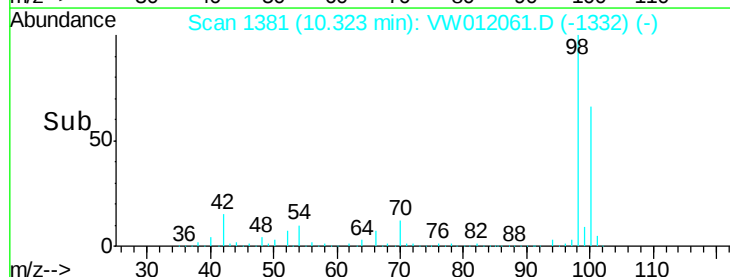
98 100

100 66.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 111.035 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

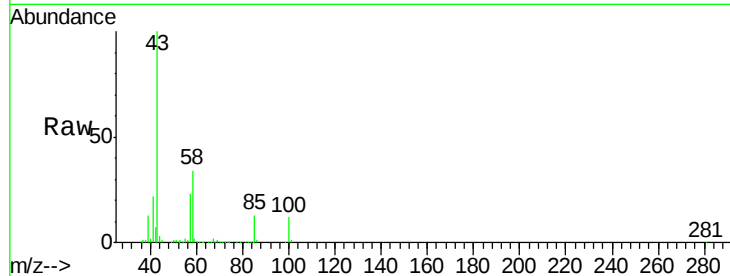
VW0821SBS01

Tot Ion: 43 Resp: 251274

Ion Ratio Lower Upper

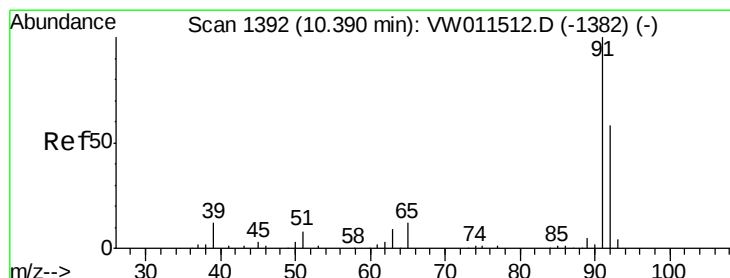
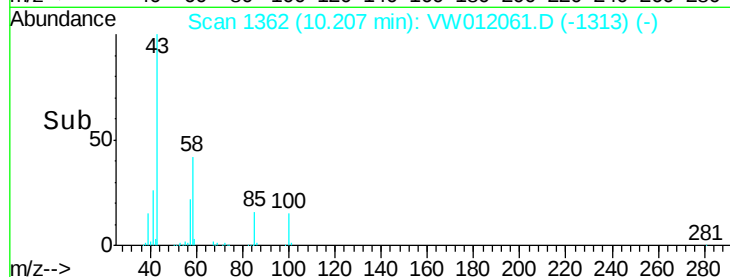
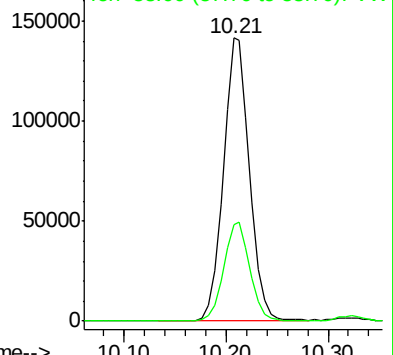
43 100

58 34.9 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 22.010 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW012061.D

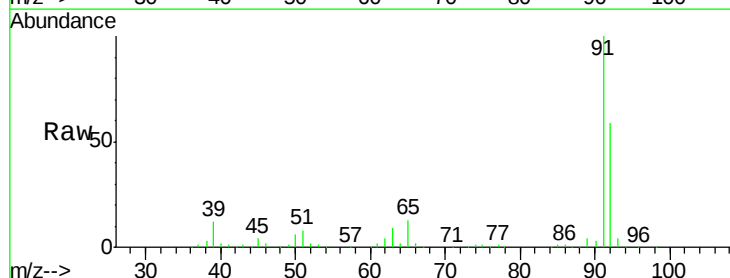
Acq: 21 Aug 2019 10:33

Tgt Ion: 92 Resp: 153090

Ion Ratio Lower Upper

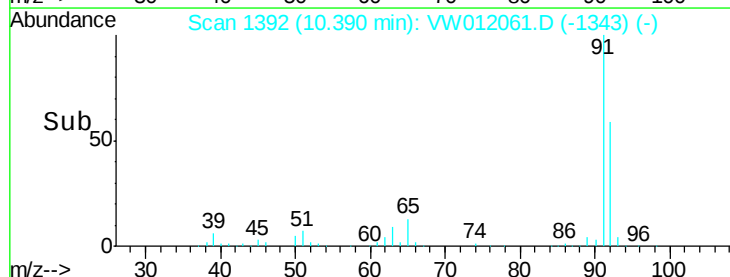
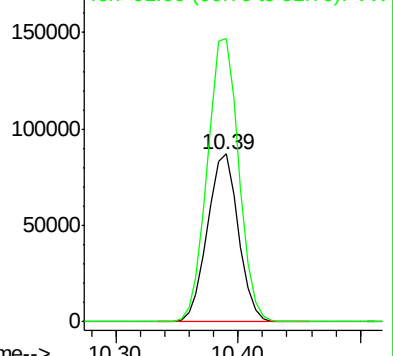
92 100

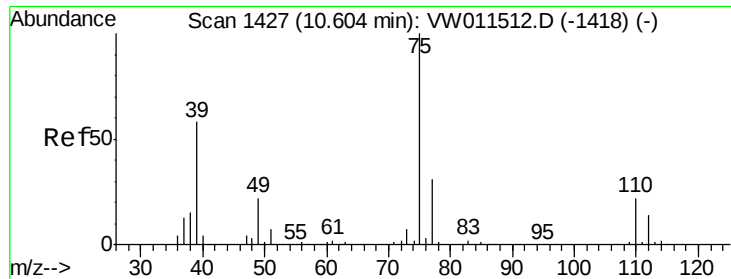
91 171.2 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 21.264 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampled :

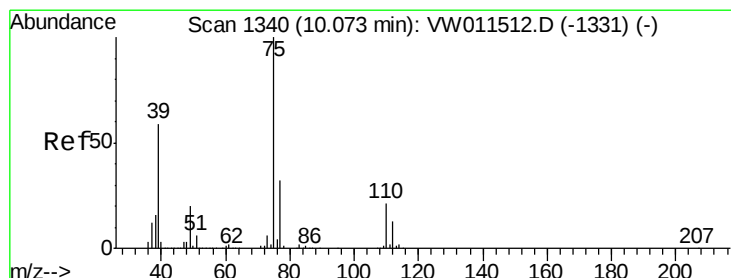
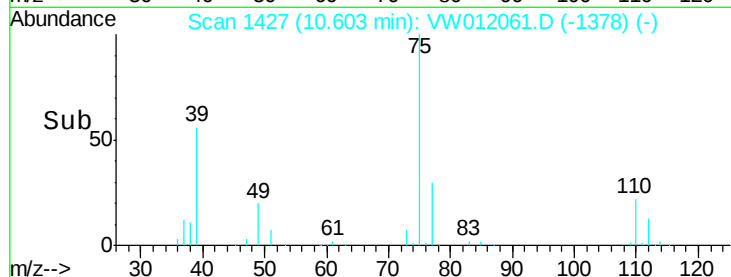
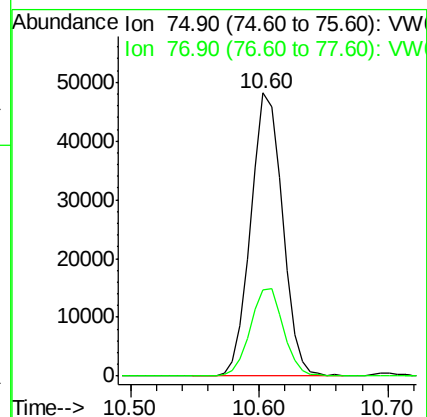
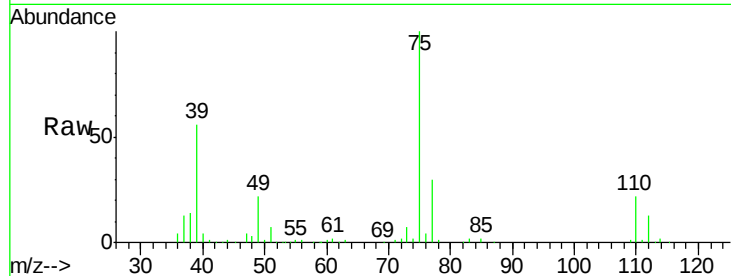
VW0821SBSD01

Tot Ion: 75 Resp: 81958

Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 21.138 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

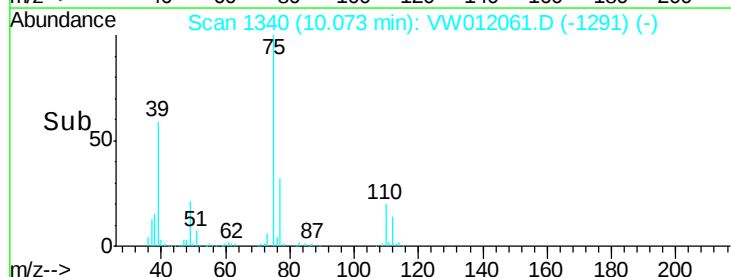
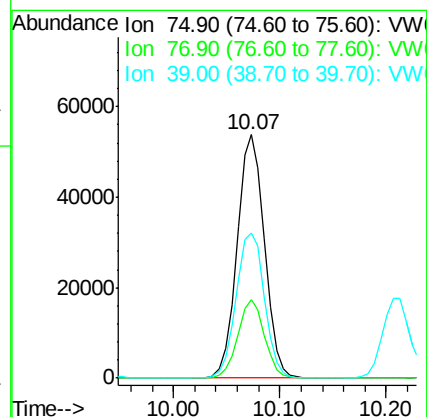
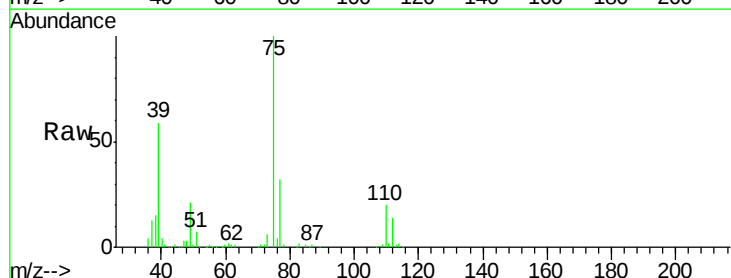
Tgt Ion: 75 Resp: 96869

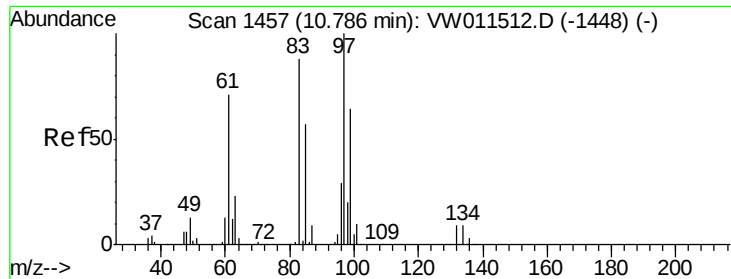
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 59.5 47.0 70.4

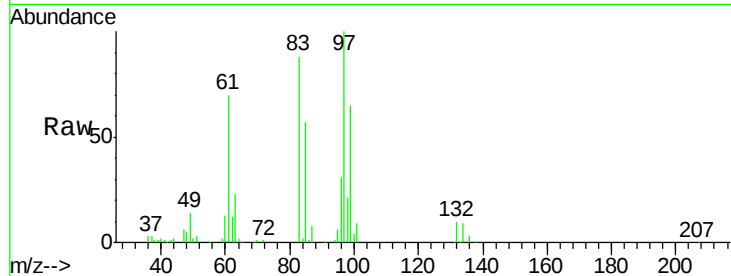




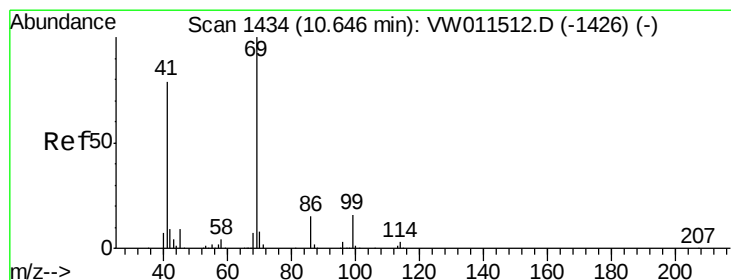
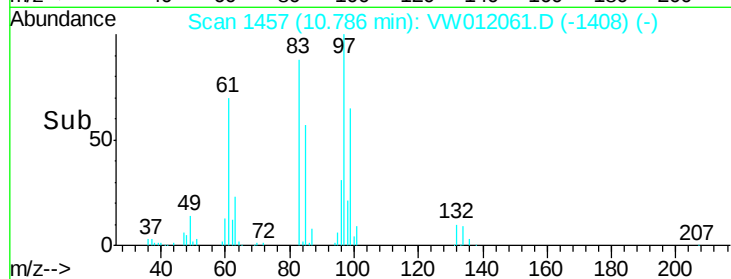
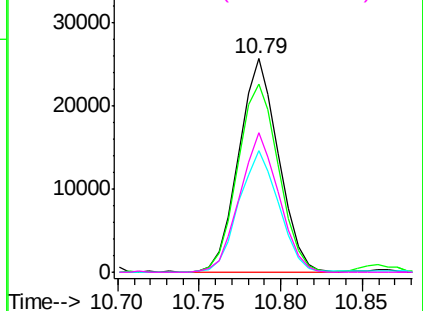
#55  
 1,1,2-Trichloroethane  
 Concen: 21.801 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0821SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 43509 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.1  | 70.5  | 105.7 |
| 85       | 56.8  | 45.8  | 68.6  |
| 99       | 65.3  | 51.0  | 76.4  |

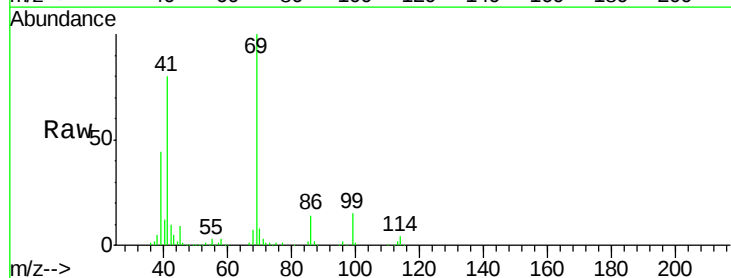


Abundance Ion 96.90 (96.60 to 97.60): VW  
 Ion 82.90 (82.60 to 83.60): VW  
 Ion 84.90 (84.60 to 85.60): VW  
 Ion 98.90 (98.60 to 99.60): VW

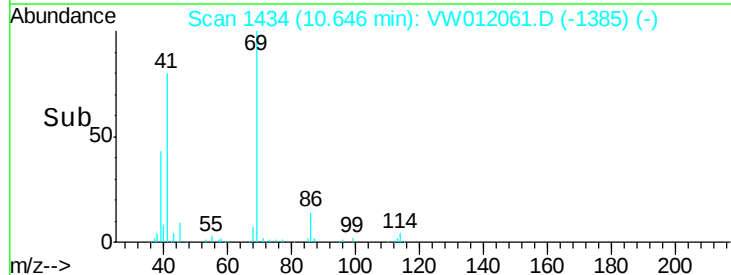
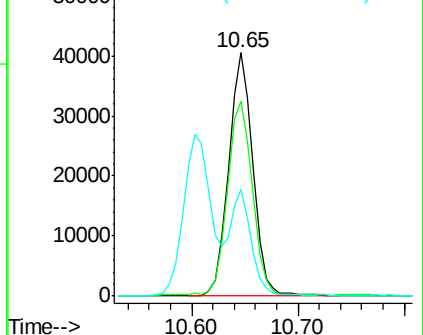


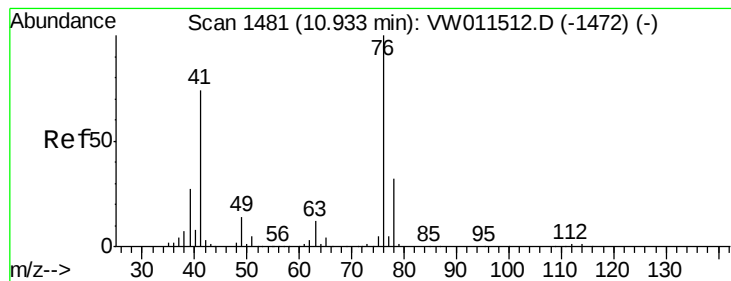
#56  
 Ethyl methacrylate  
 Concen: 22.204 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 64844 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 81.3  | 66.6  | 99.8  |
| 39       | 37.8  | 30.3  | 45.5  |



Abundance Ion 69.00 (68.70 to 69.70): VW  
 Ion 41.00 (40.70 to 41.70): VW  
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 21.923 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

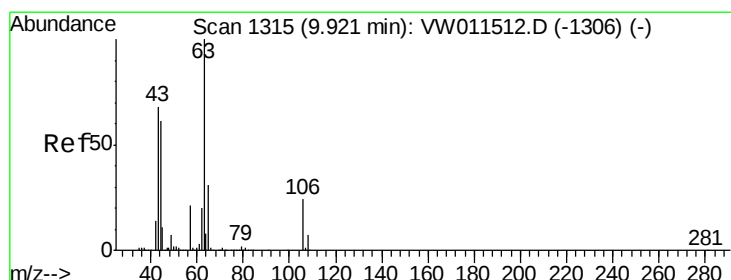
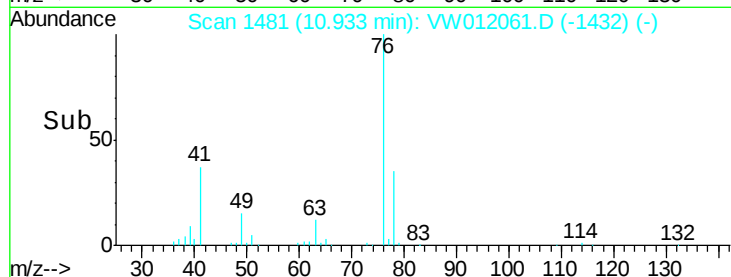
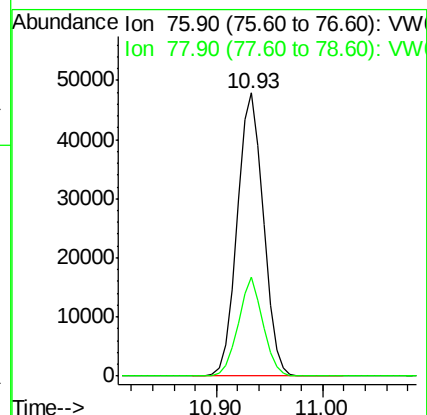
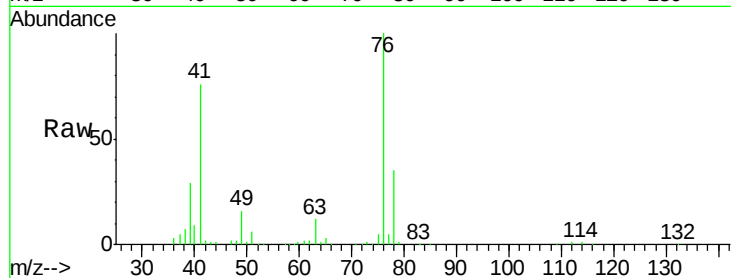
VW0821SBS01

Tot Ion: 76 Resp: 82776

Ion Ratio Lower Upper

76 100

78 33.0 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 125.681 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012061.D

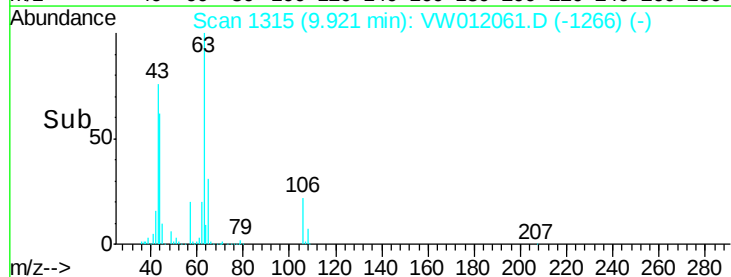
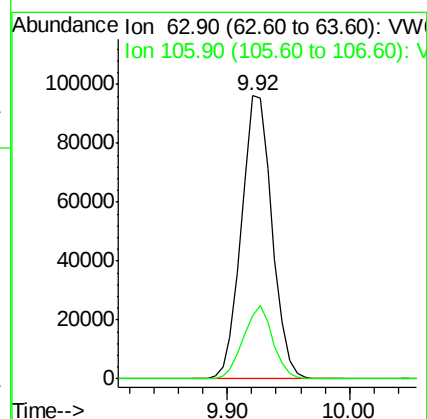
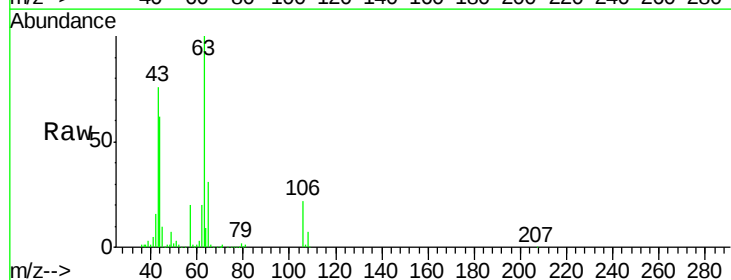
Acq: 21 Aug 2019 10:33

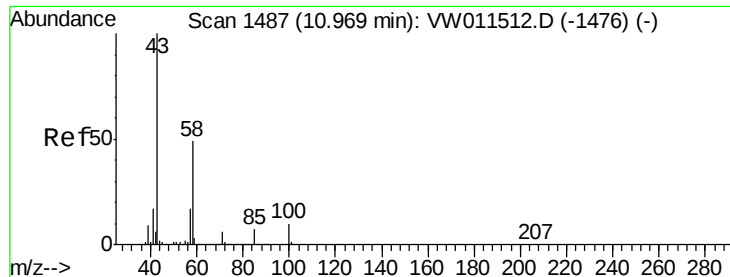
Tgt Ion: 63 Resp: 166649

Ion Ratio Lower Upper

63 100

106 24.9 19.7 29.5

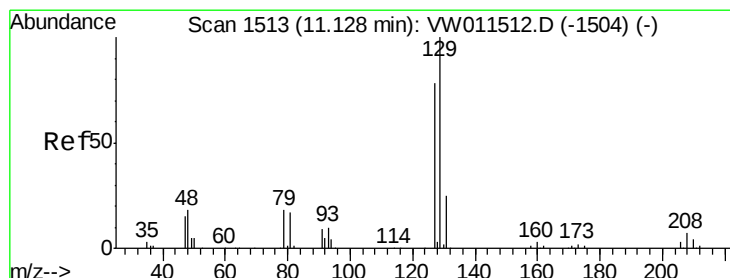
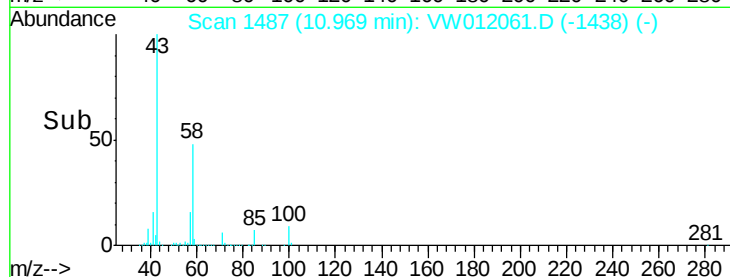
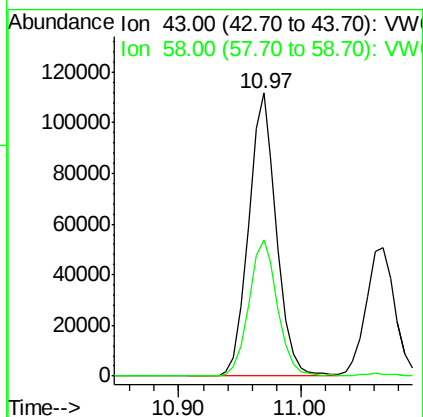
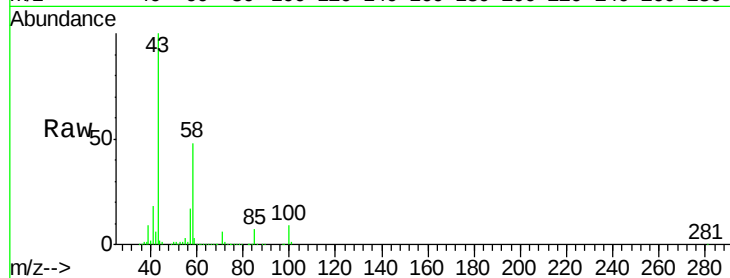




#59  
2-Hexanone  
Concen: 110.006 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

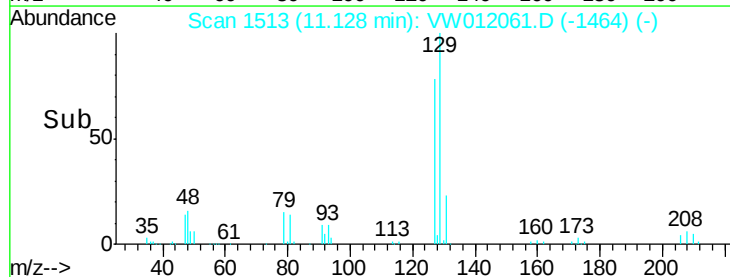
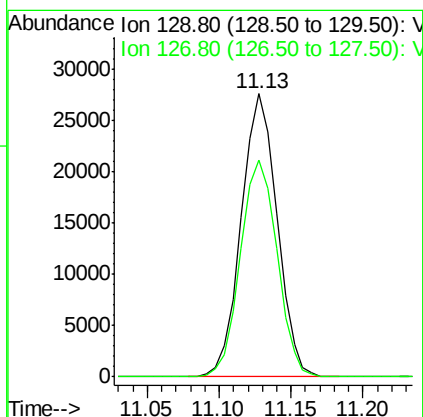
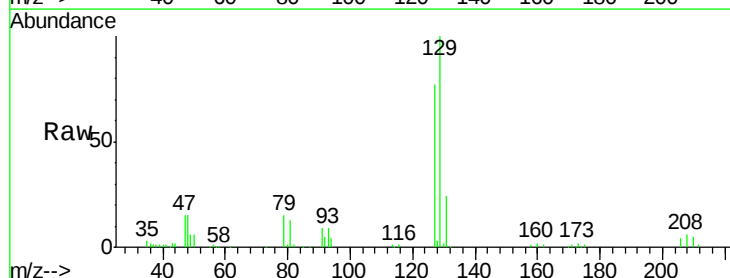
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0821SBSD01

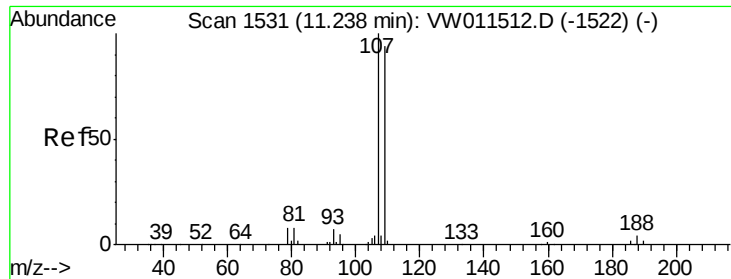
Tot Ion: 43 Resp: 175772  
Ion Ratio Lower Upper  
43 100  
58 49.5 24.3 72.9



#60  
Dibromochloromethane  
Concen: 21.560 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Tgt Ion: 129 Resp: 47761  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 21.808 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

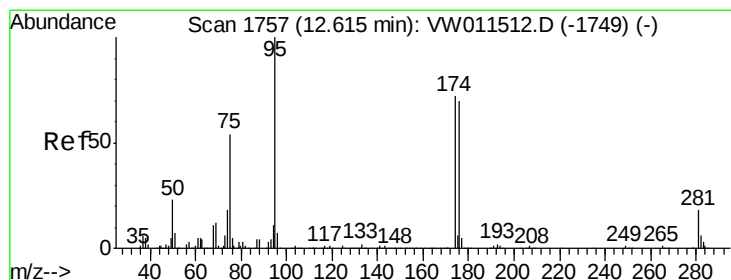
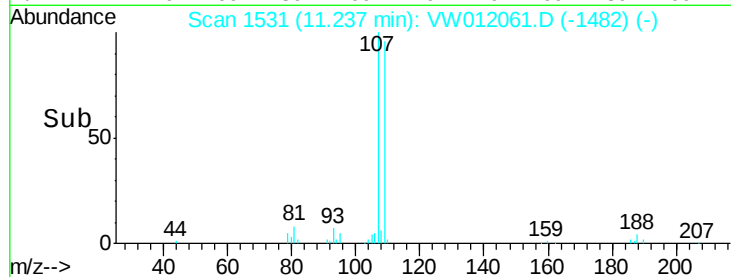
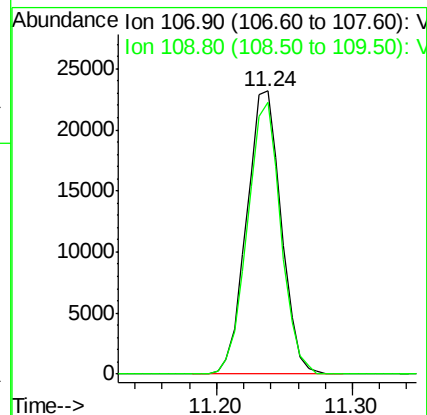
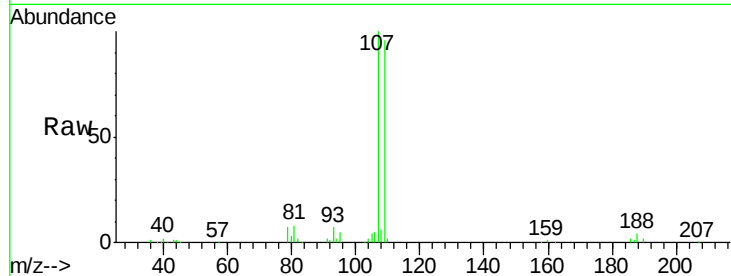
VW0821SBSD01

Tot Ion:107 Resp: 41187

Ion Ratio Lower Upper

107 100

109 93.3 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 54.790 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

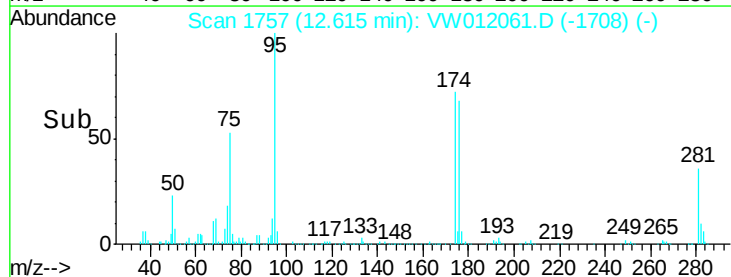
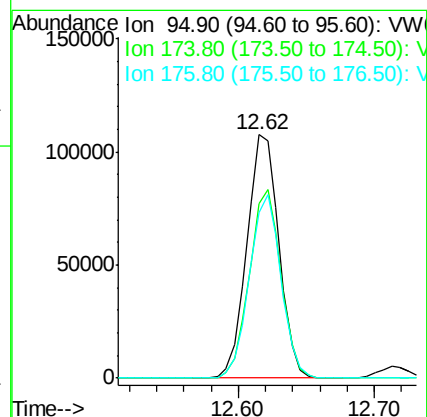
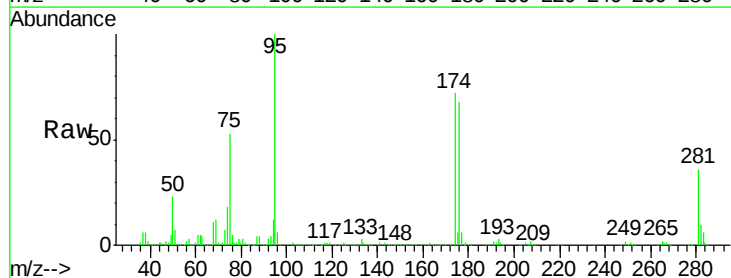
Tgt Ion: 95 Resp: 177430

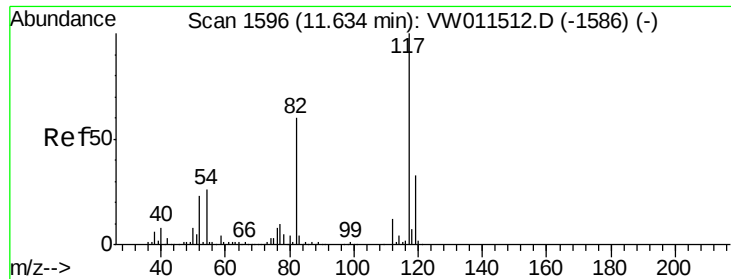
Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.2

176 74.2 0.0 144.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0821SBSD01

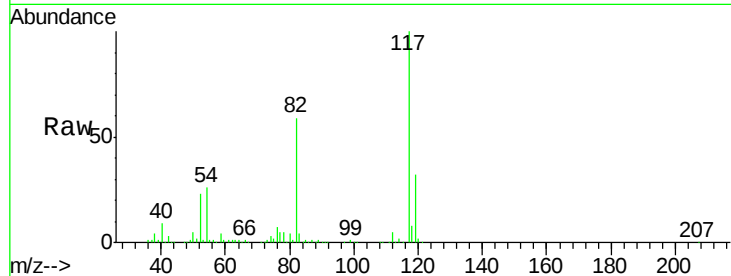
Tot Ion:117 Resp: 344191

Ion Ratio Lower Upper

117 100

82 59.2 47.9 71.9

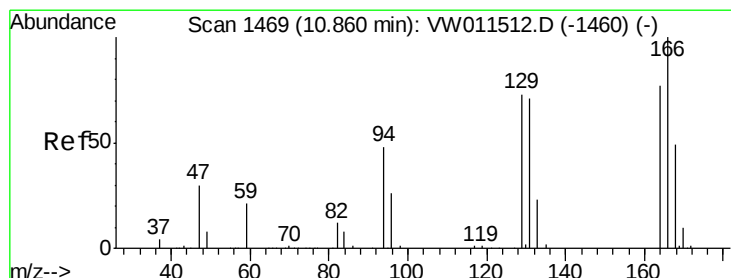
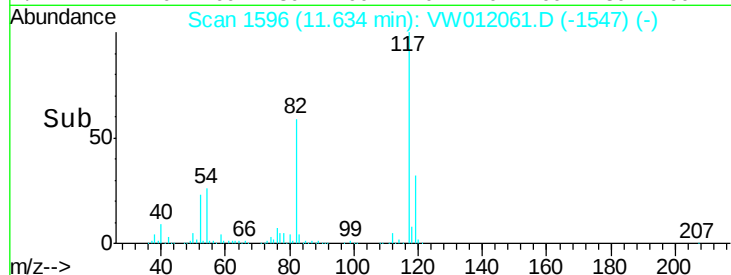
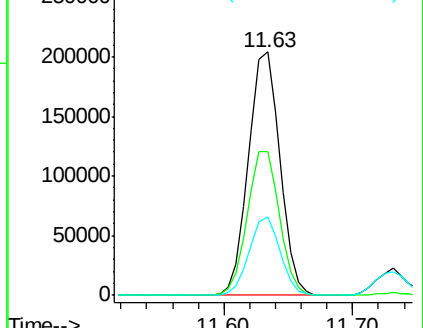
119 32.3 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 22.063 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Tgt Ion:164 Resp: 49444

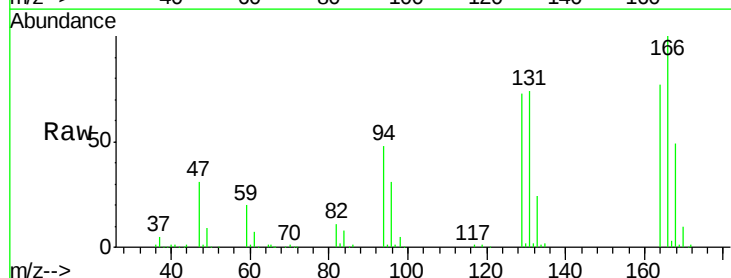
Ion Ratio Lower Upper

164 100

166 129.4 103.5 155.3

129 94.0 75.2 112.8

131 95.1 73.4 110.2

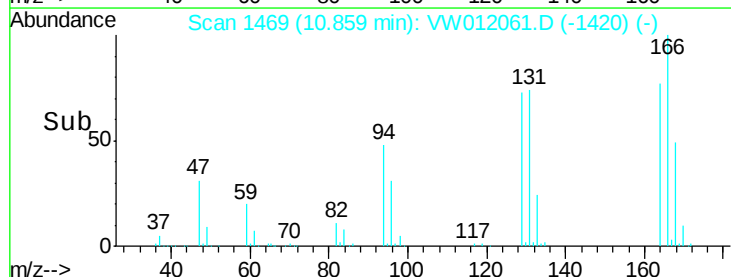
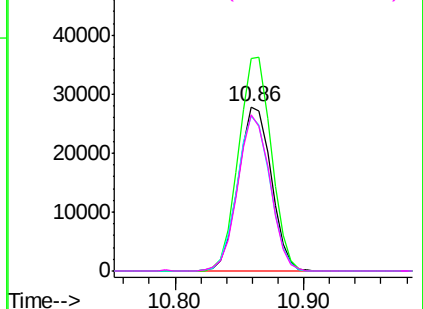


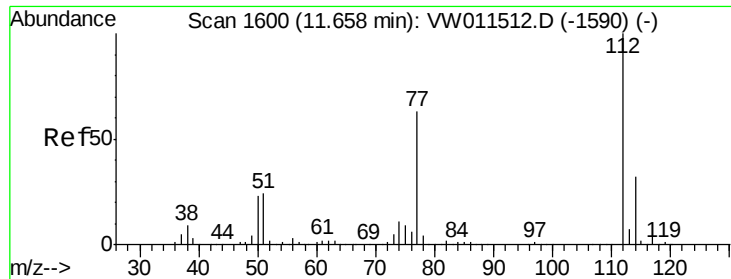
Abundance Ion 163.80 (163.50 to 164.50): V

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

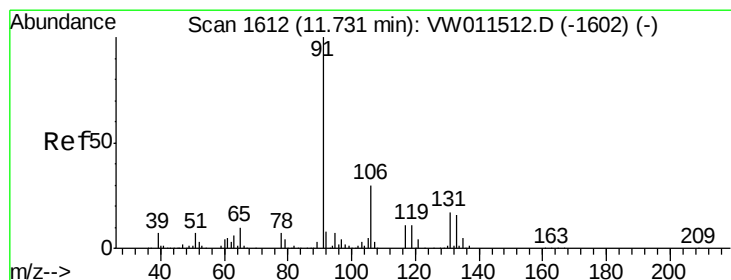
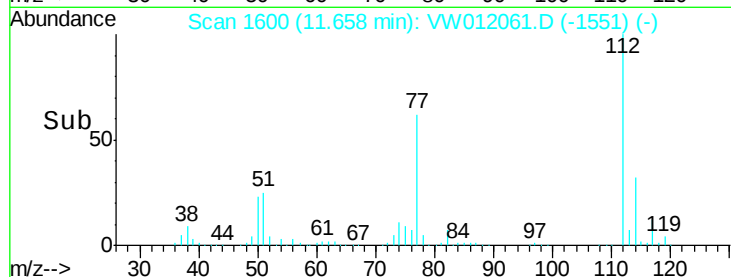
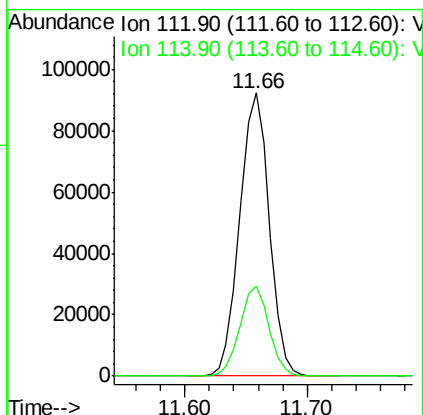
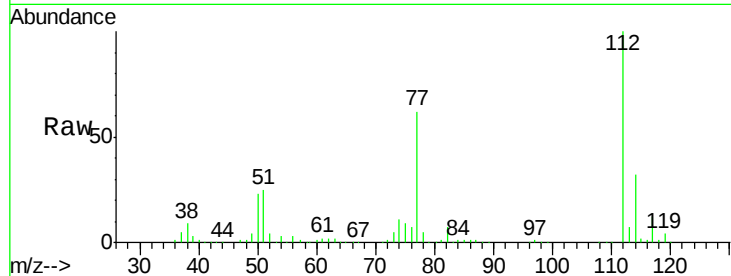




#65  
Chlorobenzene  
Concen: 22.327 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

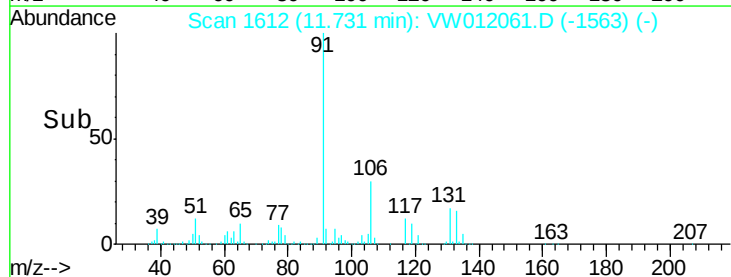
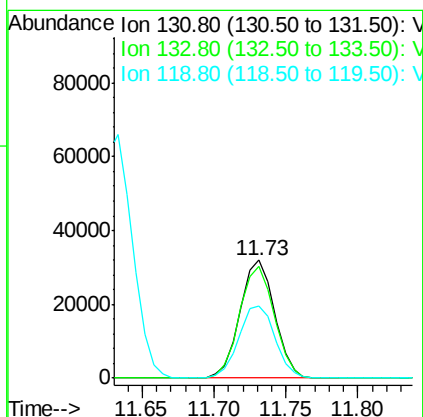
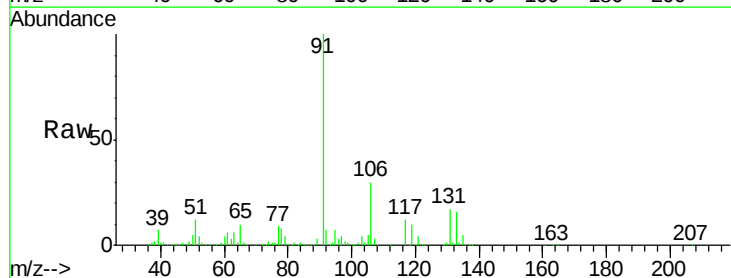
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0821SBSD01

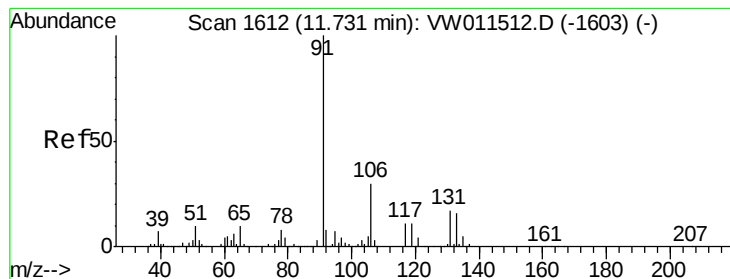
Tot Ion:112 Resp: 154503  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.086 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Tgt Ion:131 Resp: 53236  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.4 142.2  
119 64.1 32.3 96.9





#67

Ethyl Benzene

Concen: 22.246 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

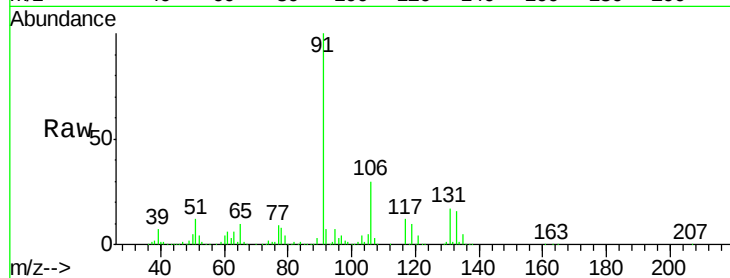
VW0821SBS01

Tot Ion: 91 Resp: 293189

Ion Ratio Lower Upper

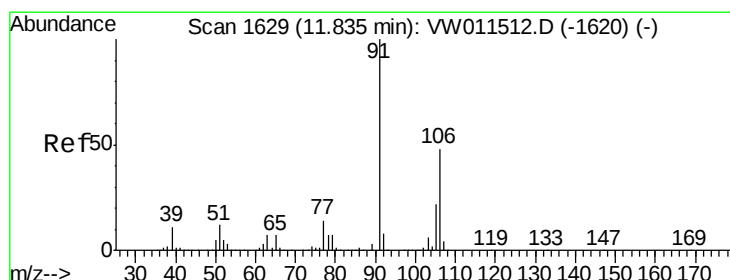
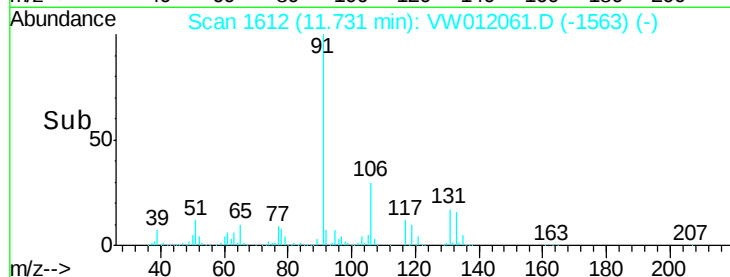
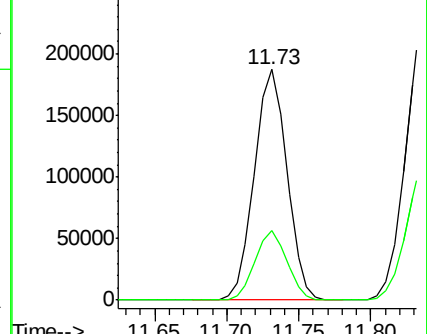
91 100

106 30.3 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 44.918 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW012061.D

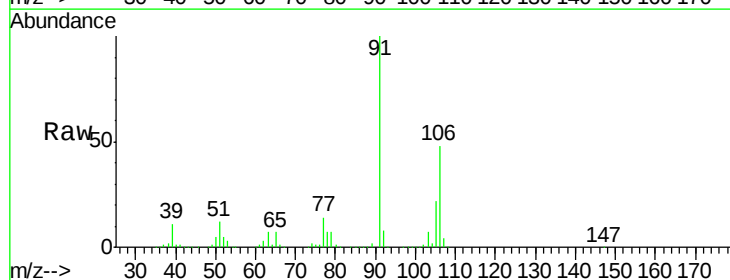
Acq: 21 Aug 2019 10:33

Tgt Ion: 106 Resp: 215287

Ion Ratio Lower Upper

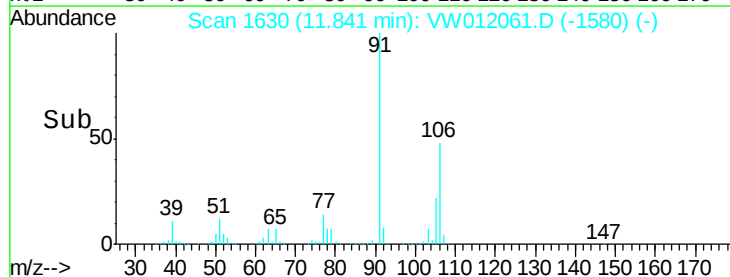
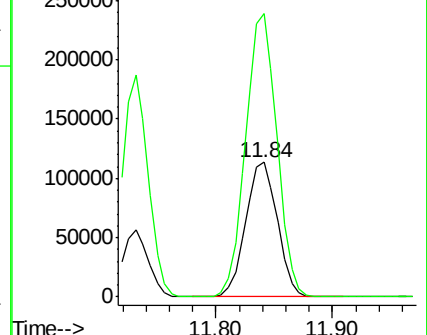
106 100

91 208.2 168.2 252.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

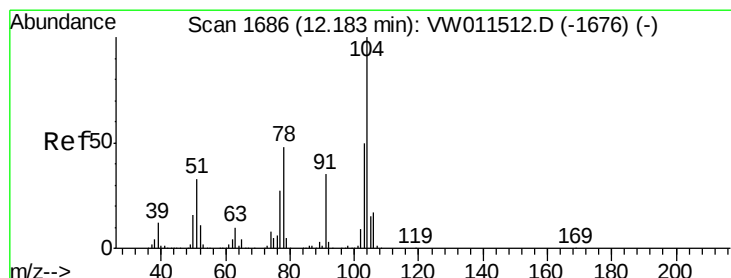
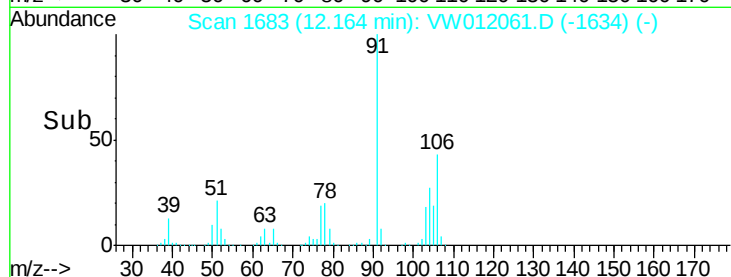
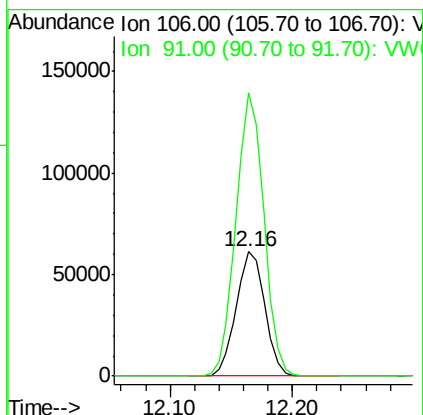
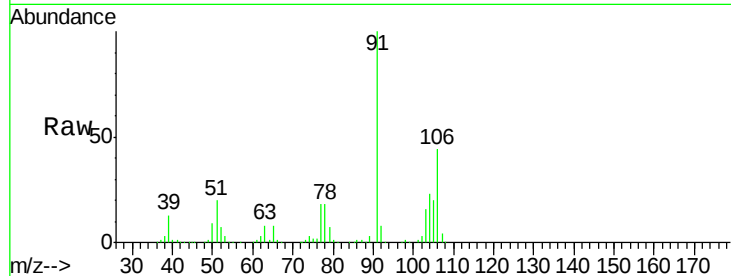




#69  
o-Xylene  
Concen: 22.295 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

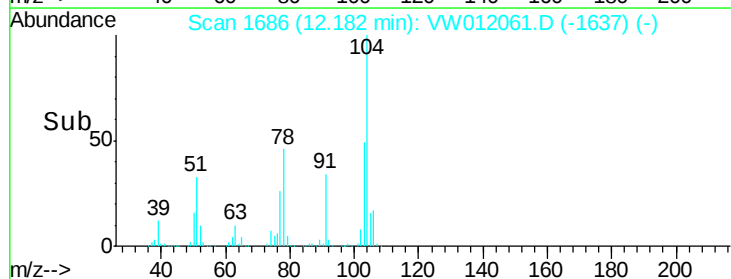
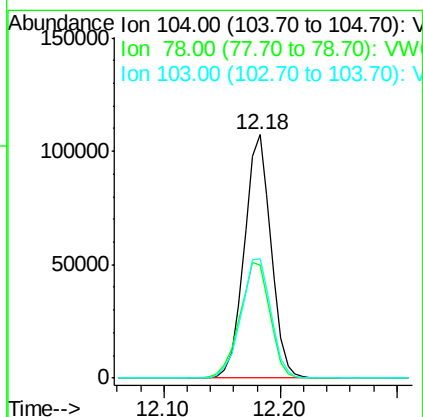
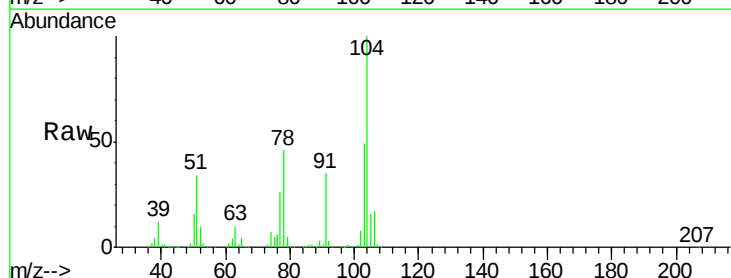
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0821SBS01

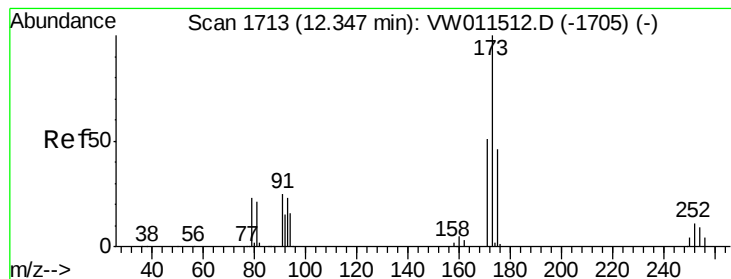
Tot Ion:106 Resp: 99298  
Ion Ratio Lower Upper  
106 100  
91 222.0 110.5 331.5



#70  
Styrene  
Concen: 22.275 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Tgt Ion:104 Resp: 171536  
Ion Ratio Lower Upper  
104 100  
78 53.7 43.4 65.0  
103 54.9 43.9 65.9





#71

Bromoform

Concen: 21.940 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0821SBSD01

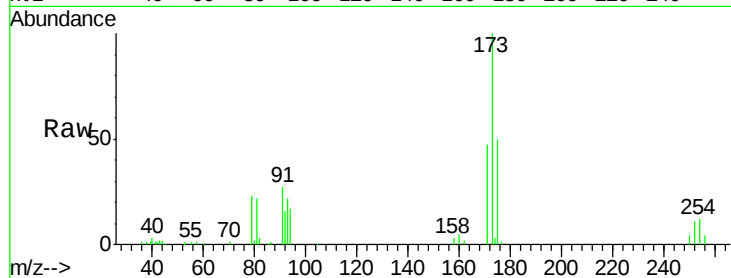
Tot Ion:173 Resp: 26963

Ion Ratio Lower Upper

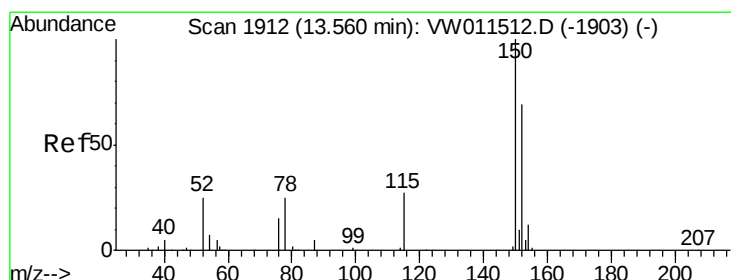
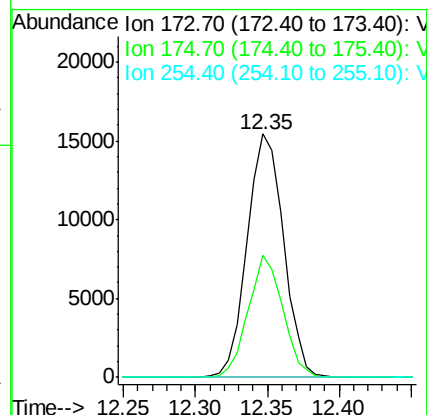
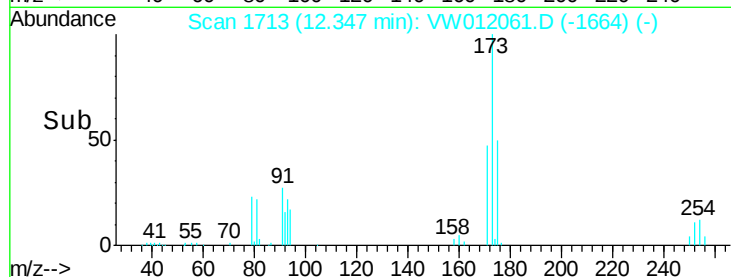
173 100

175 47.5 23.6 71.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

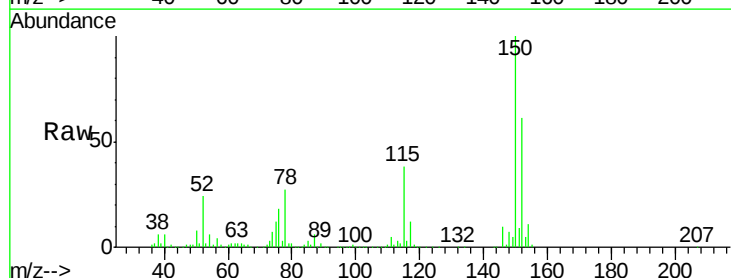
Tgt Ion:152 Resp: 166450

Ion Ratio Lower Upper

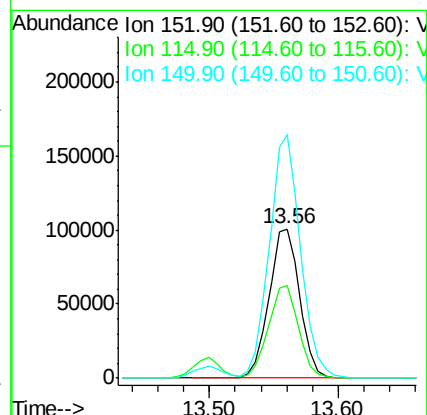
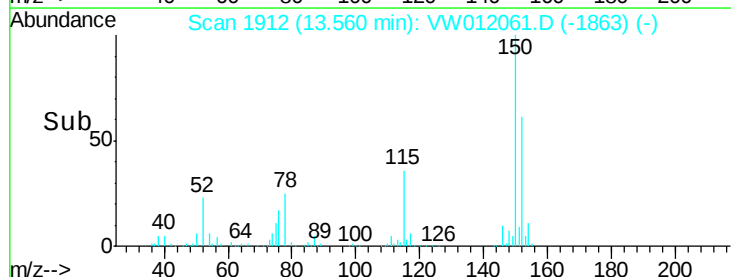
152 100

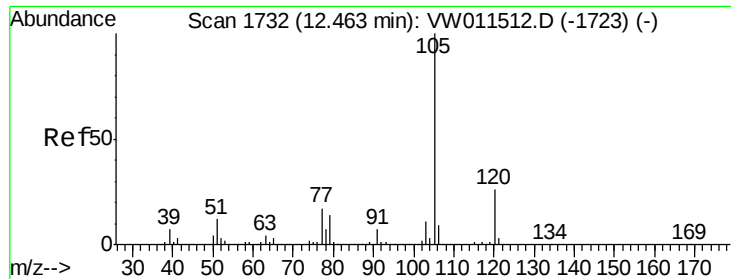
115 61.3 30.5 91.5

150 165.6 0.0 352.6



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





#73

Isopropylbenzene

Concen: 22.423 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

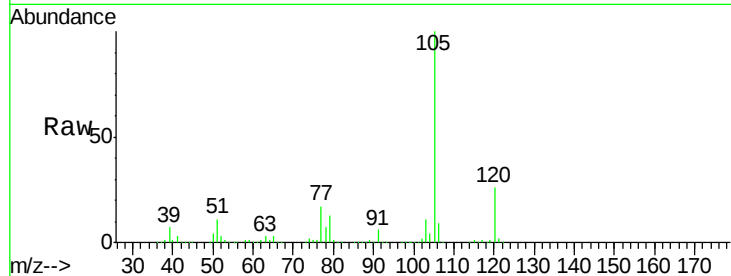
VW0821SBS01

Tot Ion:105 Resp: 278438

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

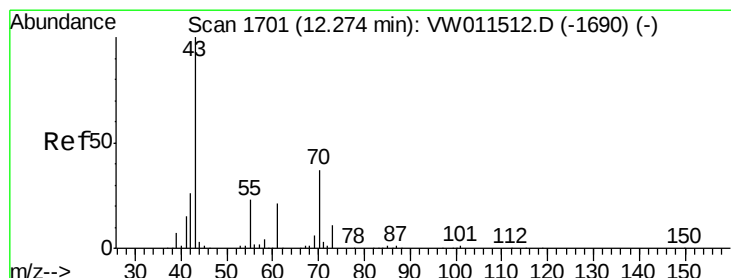
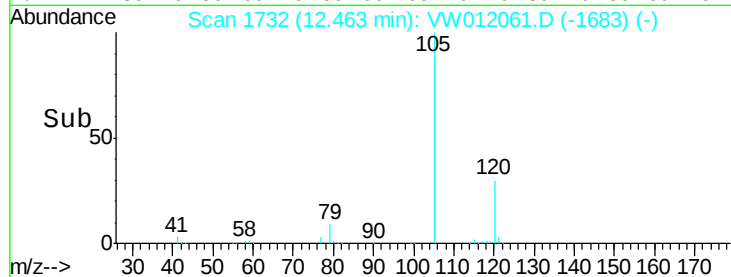
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 22.257 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Tgt Ion: 43 Resp: 86528

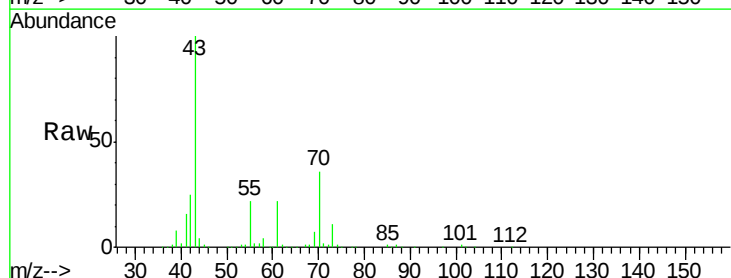
Ion Ratio Lower Upper

43 100

70 36.9 28.6 43.0

55 23.3 17.8 26.8

61 21.9 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

80000

60000

40000

20000

0

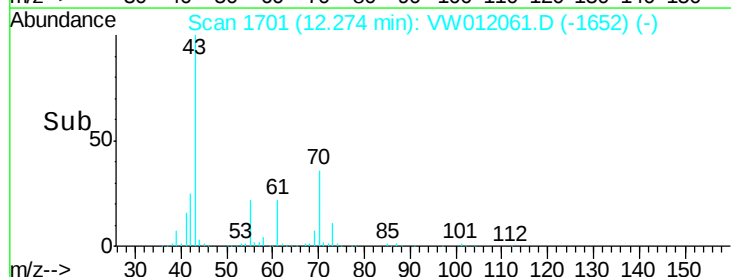
12.27

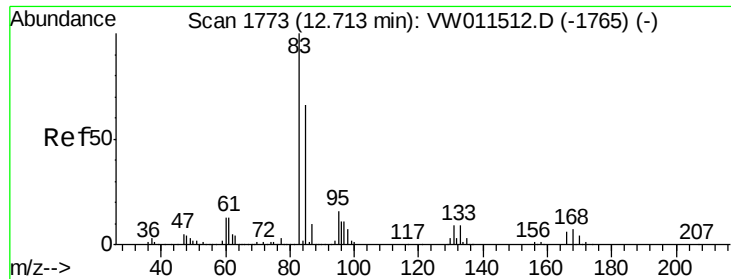
12.20

12.30

12.40

Time-->

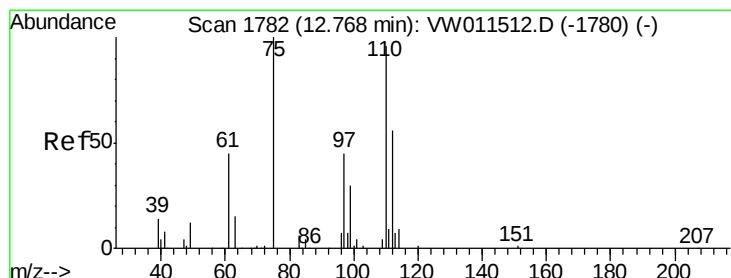
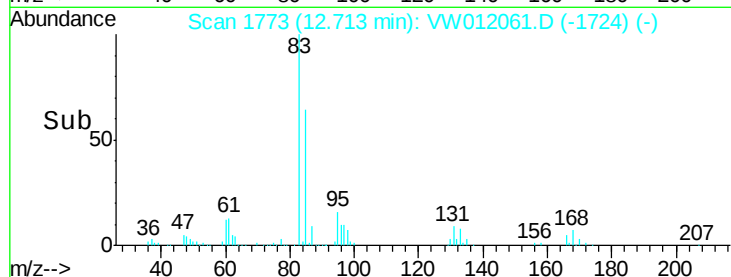
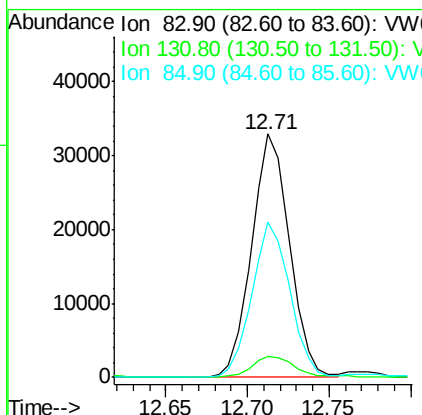
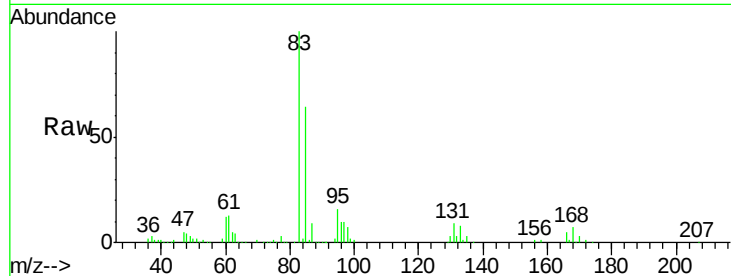




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 22.753 ug/l  
 RT: 12.71 min Scan# 1773  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

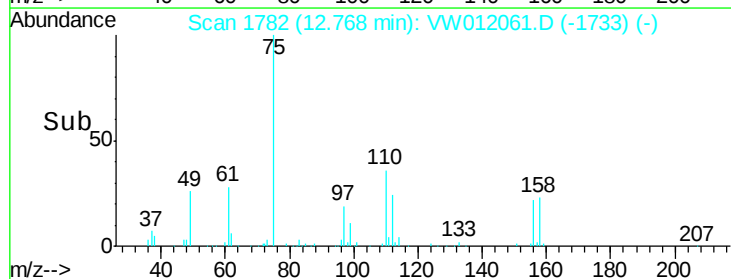
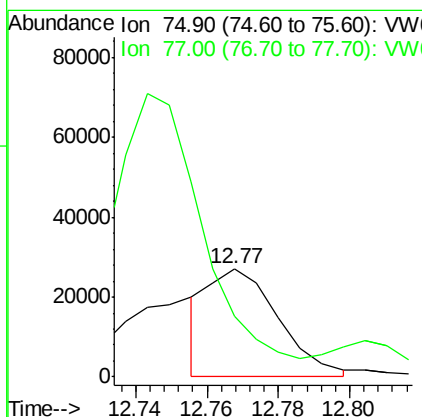
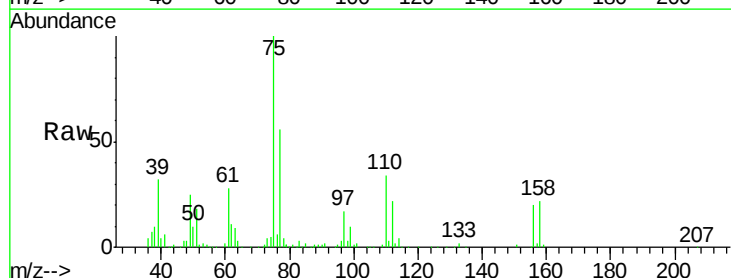
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0821SBSD01

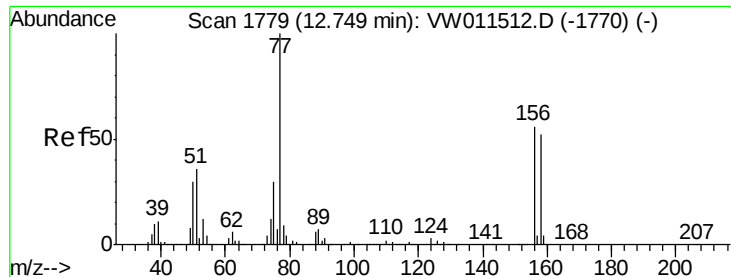
| Tot Ion   | 83   | Resp  | 53145 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 131       | 9.8  | 4.9   | 14.6  |
| 85        | 63.9 | 31.8  | 95.4  |



#76  
 1,2,3-Trichloropropane  
 Concen: 21.070 ug/l m  
 RT: 12.77 min Scan# 1782  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

| Tgt Ion   | 75  | Resp  | 37109 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 77        | 0.0 | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 21.855 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0821SBSD01

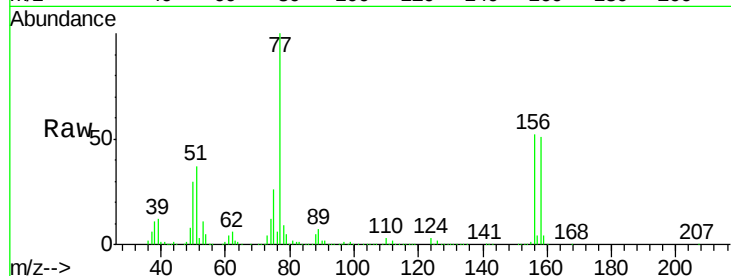
Tot Ion:156 Resp: 59984

Ion Ratio Lower Upper

156 100

77 216.0 106.5 319.4

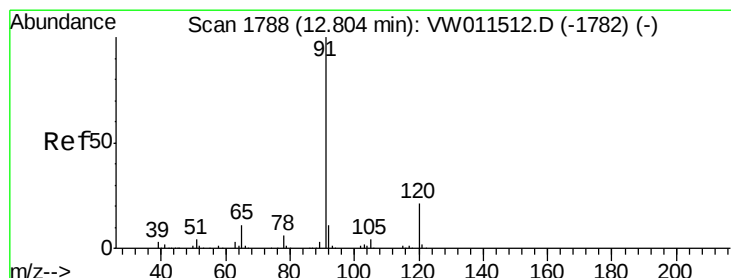
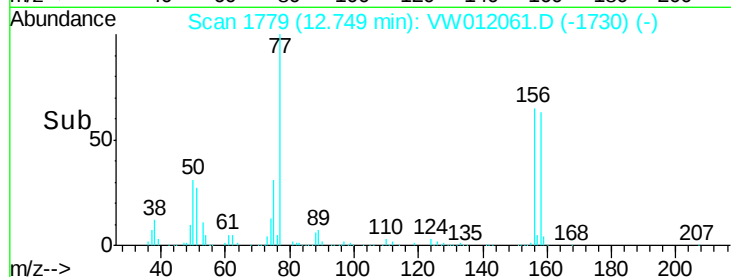
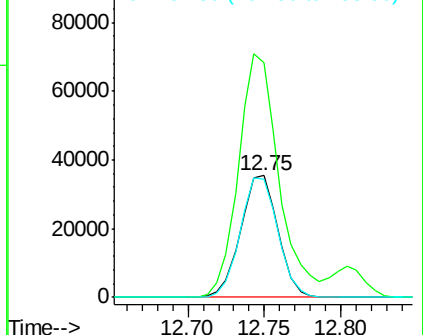
158 99.2 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.500 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012061.D

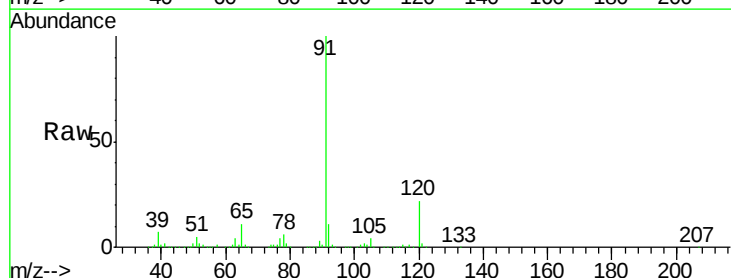
Acq: 21 Aug 2019 10:33

Tgt Ion: 91 Resp: 340024

Ion Ratio Lower Upper

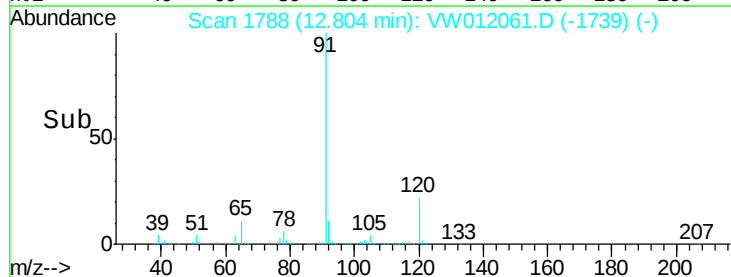
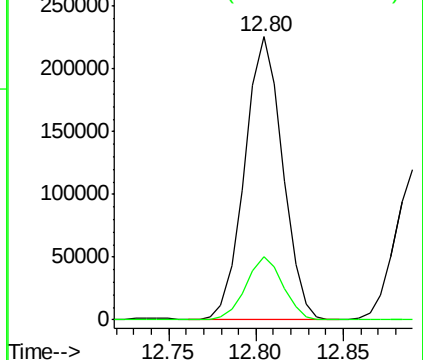
91 100

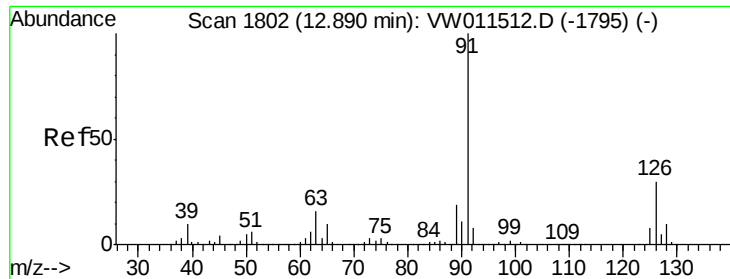
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.334 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

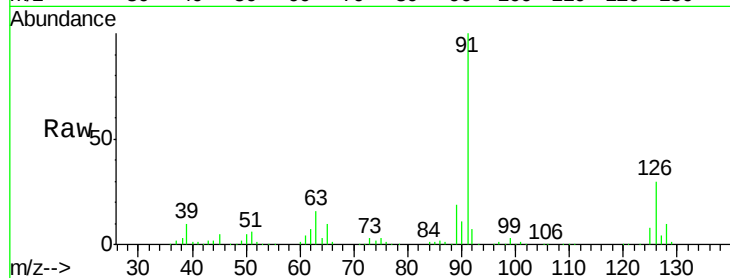
VW0821SBSD01

Tot Ion: 91 Resp: 194448

Ion Ratio Lower Upper

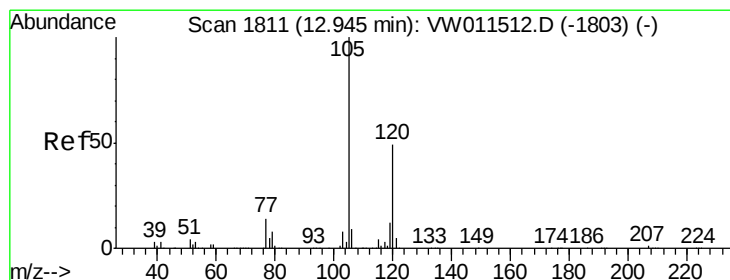
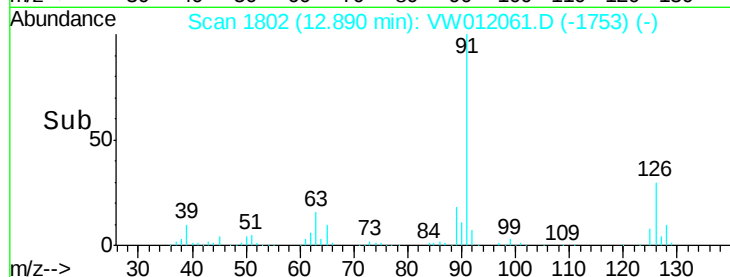
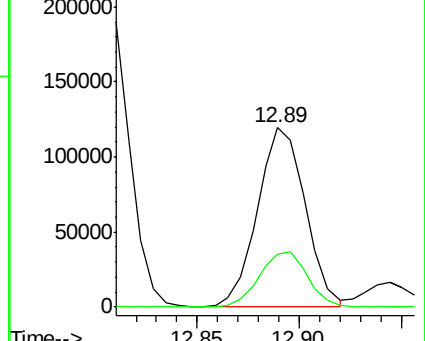
91 100

126 31.3 15.7 47.1



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: 22.526 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012061.D

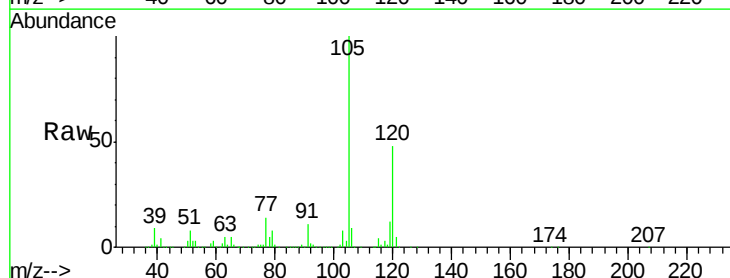
Acq: 21 Aug 2019 10:33

Tgt Ion:105 Resp: 234470

Ion Ratio Lower Upper

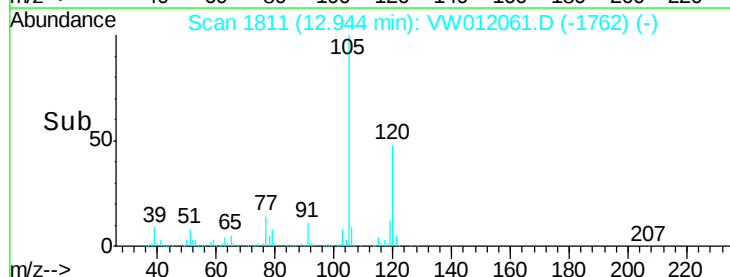
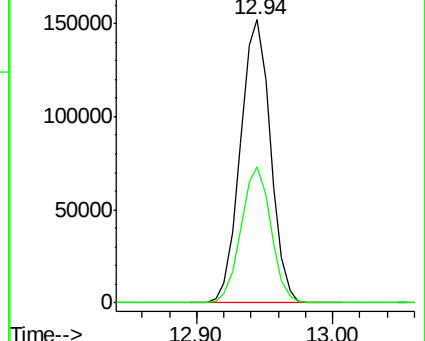
105 100

120 47.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.465 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0821SBSD01

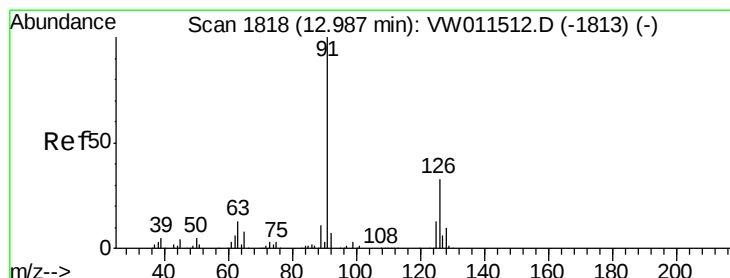
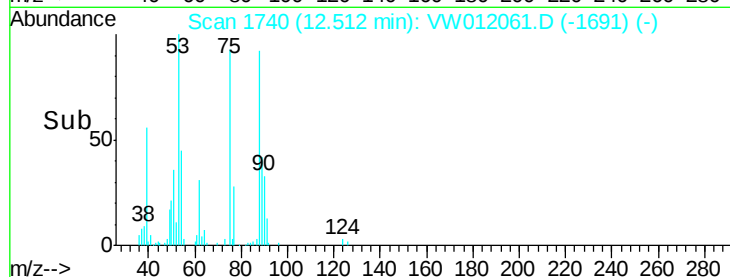
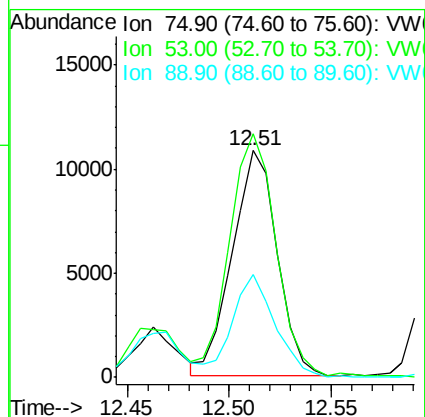
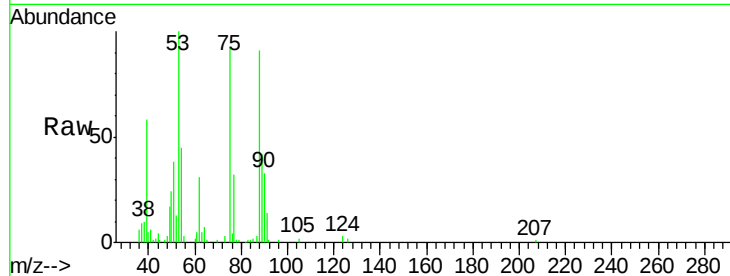
Tot Ion: 75 Resp: 16404

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 114.4 | 88.0  | 132.0 |
| 89  | 43.6  | 35.3  | 52.9  |

75 100

53 114.4 88.0 132.0

89 43.6 35.3 52.9



#82

4-Chlorotoluene

Concen: 21.991 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012061.D

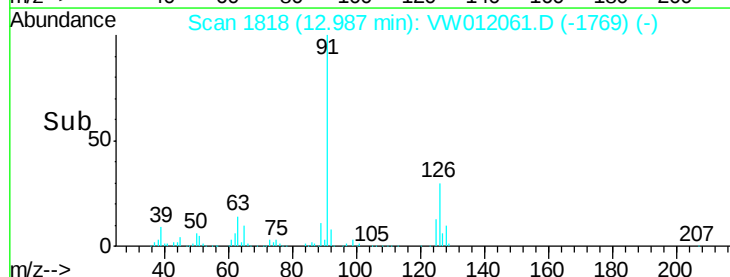
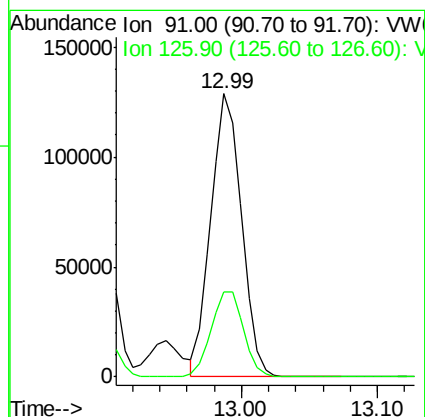
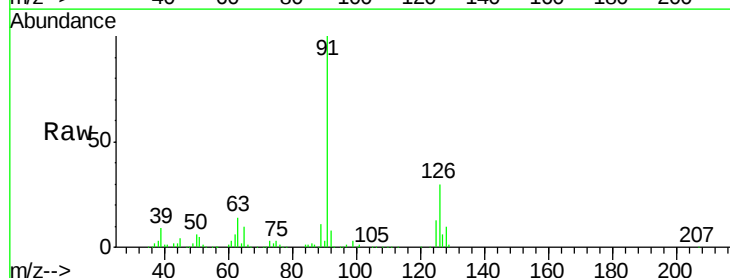
Acq: 21 Aug 2019 10:33

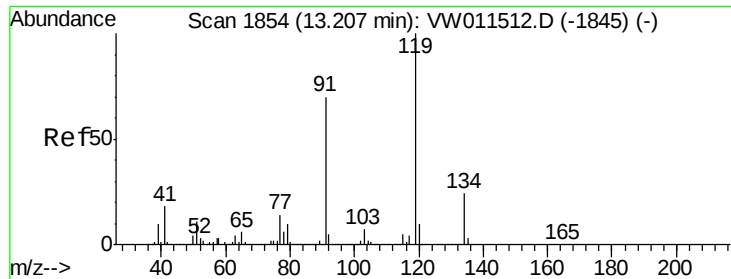
Tgt Ion: 91 Resp: 200880

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 31.9  | 15.6  | 46.8  |

91 100

126 31.9 15.6 46.8

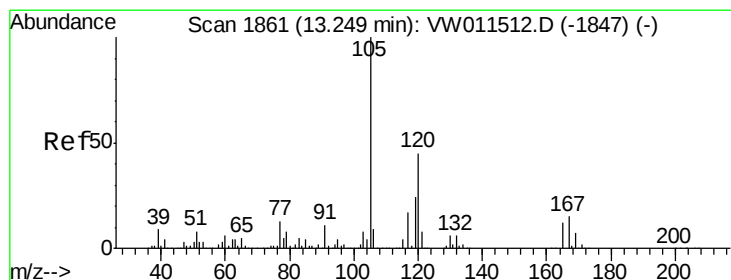
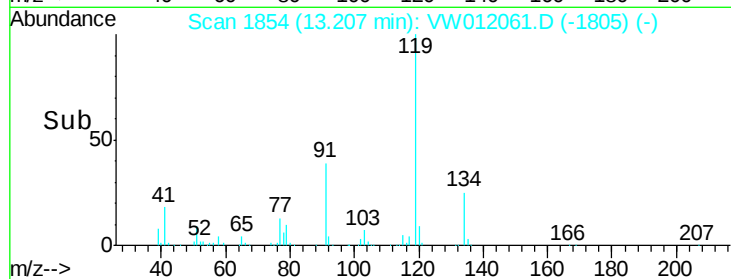
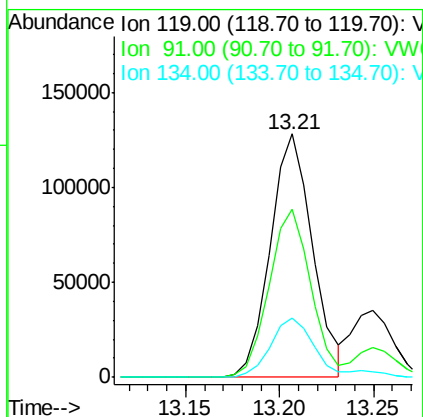
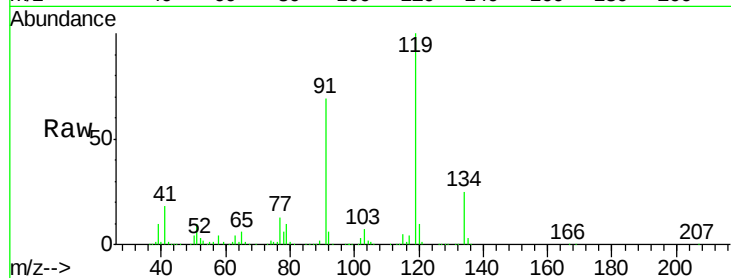




#83  
 tert-Butylbenzene  
 Concen: 22.910 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

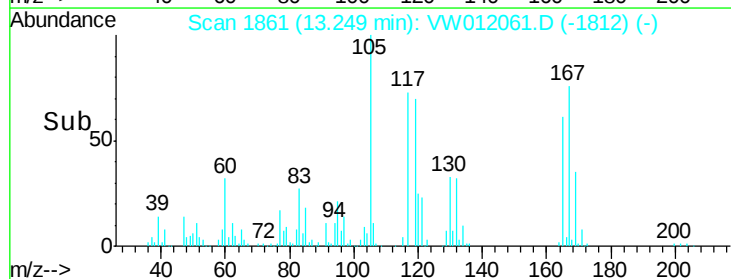
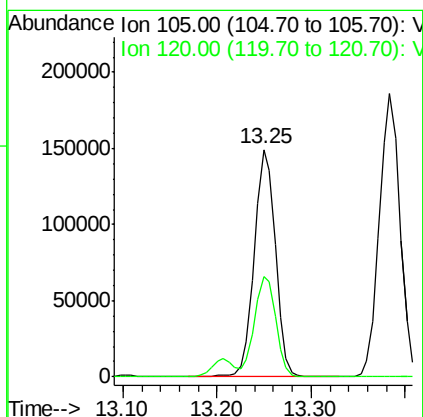
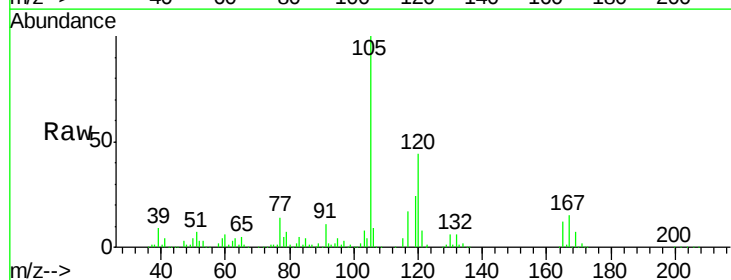
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0821SBS01

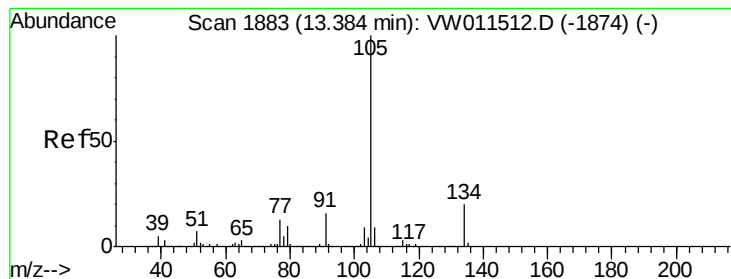
Tot Ion:119 Resp: 199417  
 Ion Ratio Lower Upper  
 119 100  
 91 67.7 34.5 103.6  
 134 26.7 12.4 37.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 22.353 ug/l  
 RT: 13.25 min Scan# 1861  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

Tgt Ion:105 Resp: 234384  
 Ion Ratio Lower Upper  
 105 100  
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 22.848 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleId :

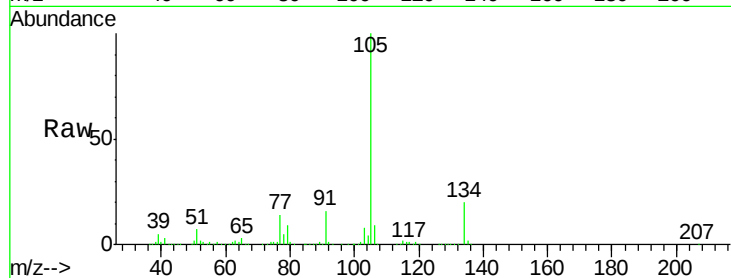
VW0821SBS01

Tot Ion:105 Resp: 283773

Ion Ratio Lower Upper

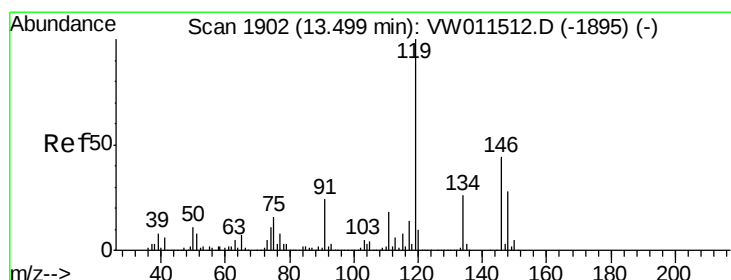
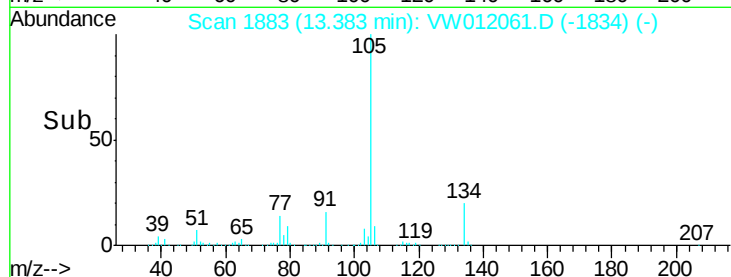
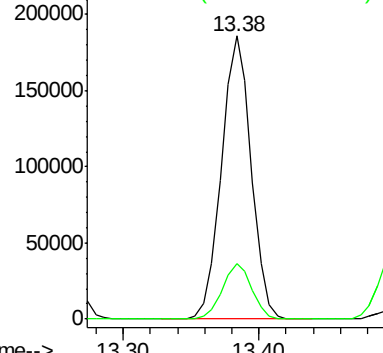
105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.609 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

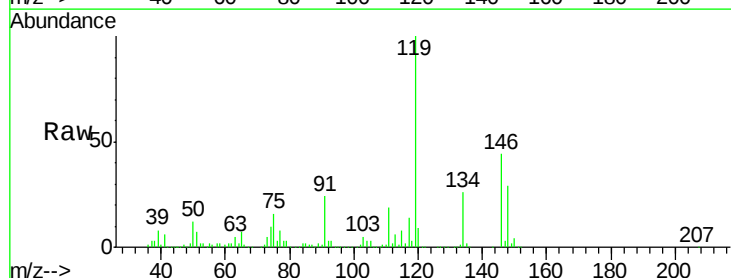
Tgt Ion:119 Resp: 254783

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

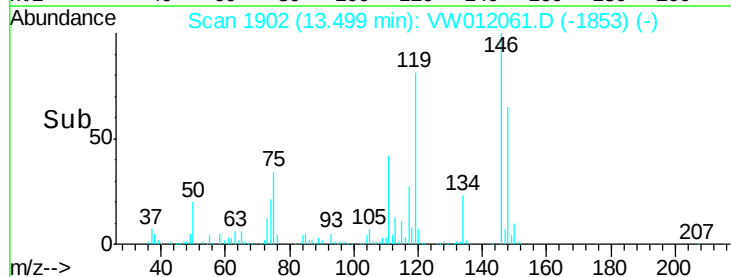
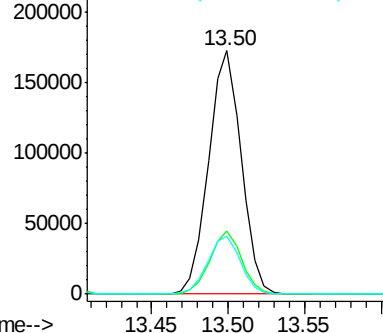
91 23.8 12.1 36.3

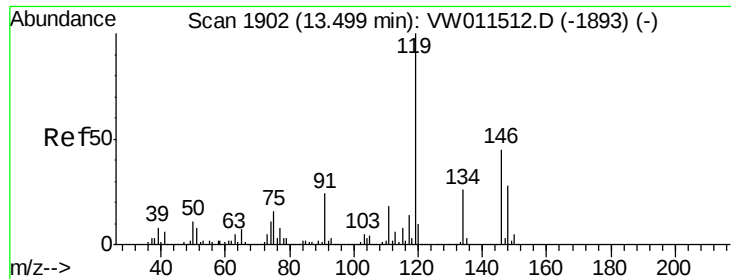


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

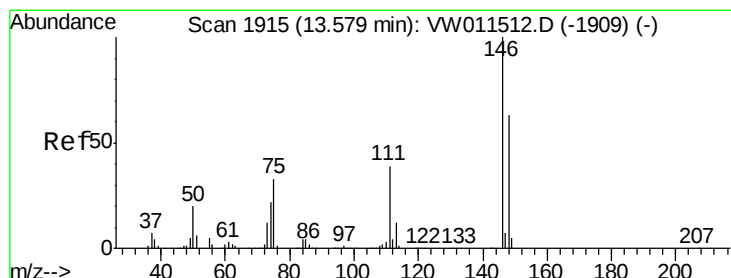
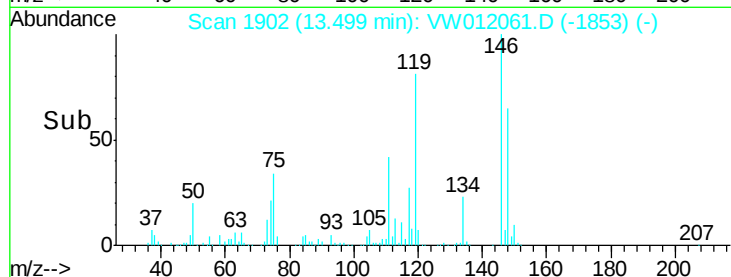
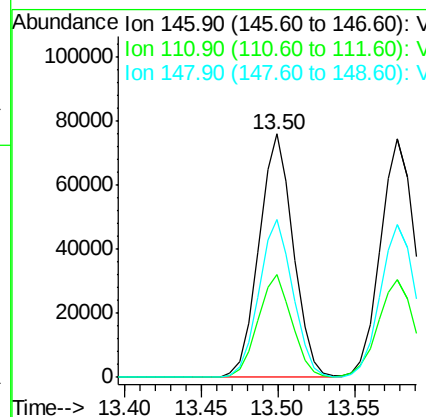
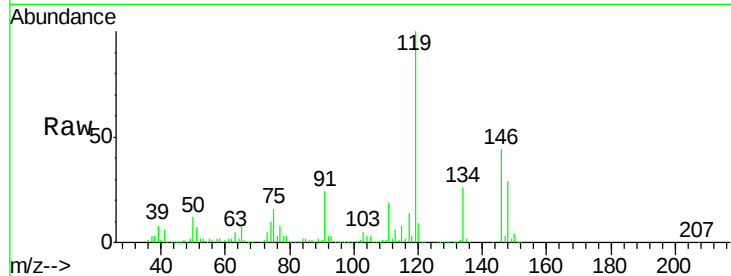




#87  
 1,3-Dichlorobenzene  
 Concen: 21.999 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

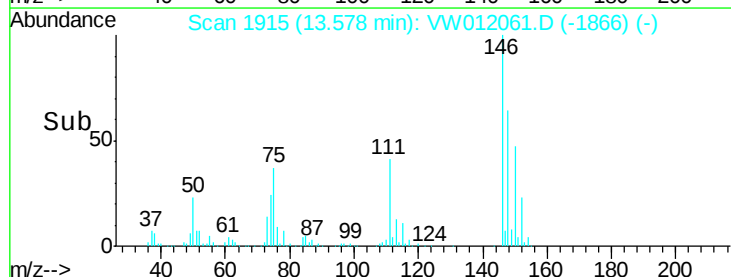
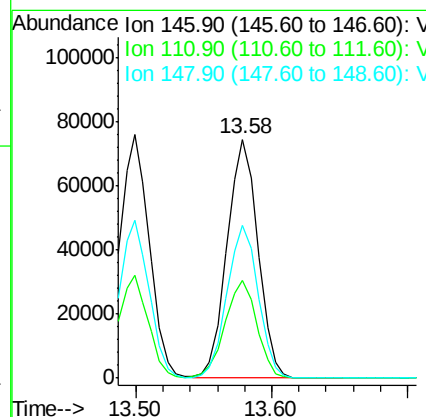
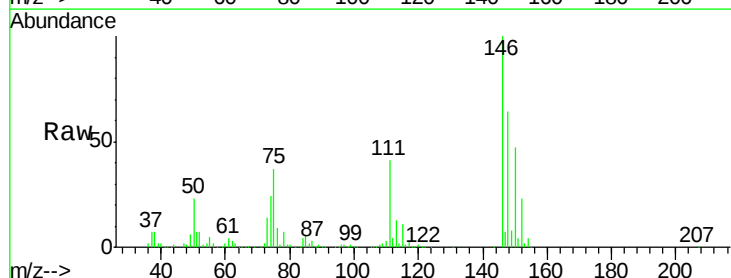
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0821SBSD01

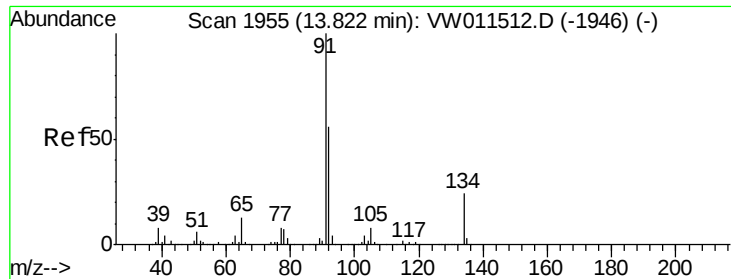
Tot Ion:146 Resp: 118391  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 20.5 61.6  
 148 64.5 31.8 95.3



#88  
 1,4-Dichlorobenzene  
 Concen: 21.911 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

Tgt Ion:146 Resp: 117301  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 20.1 60.2  
 148 64.8 31.9 95.9





#89

n-Butylbenzene

Concen: 22.203 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012061.D

Acq: 21 Aug 2019 10:33

Instrument :

MSVOA\_W

ClientSampleID :

VW0821SBS01

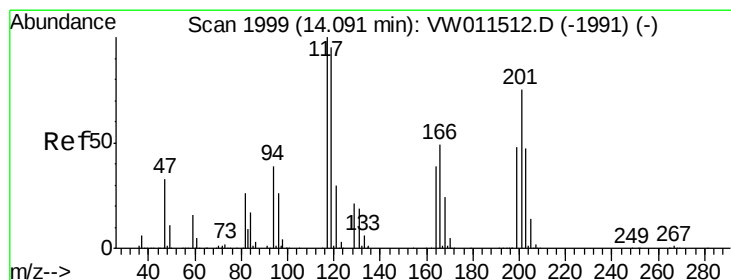
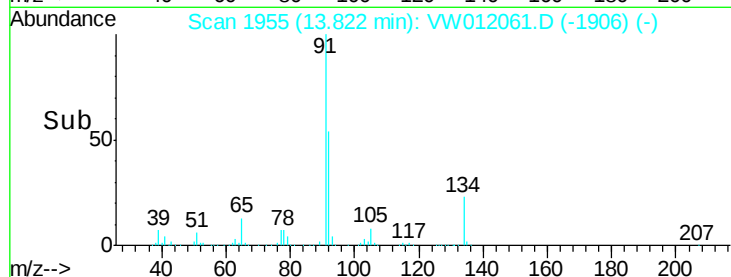
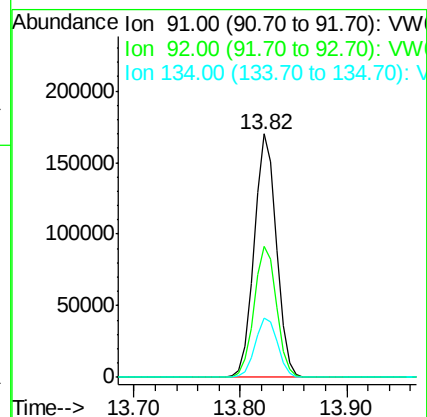
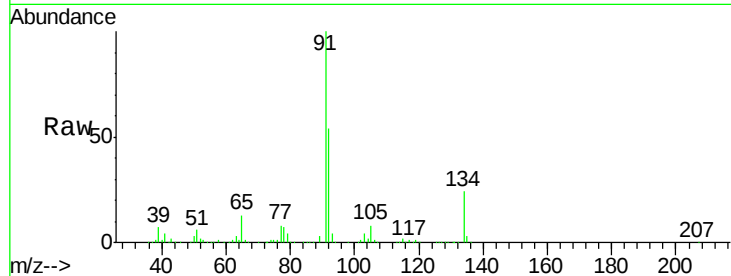
Tot Ion: 91 Resp: 249686

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.4

134 24.7 12.2 36.6



#90

Hexachloroethane

Concen: 21.585 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012061.D

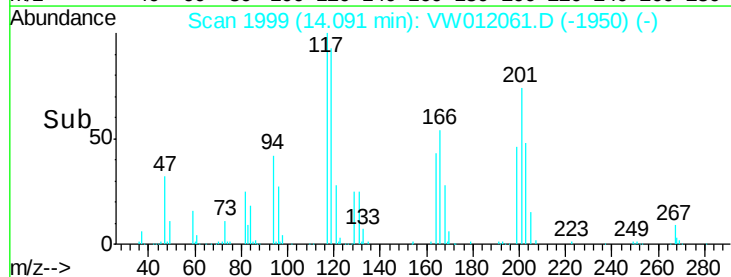
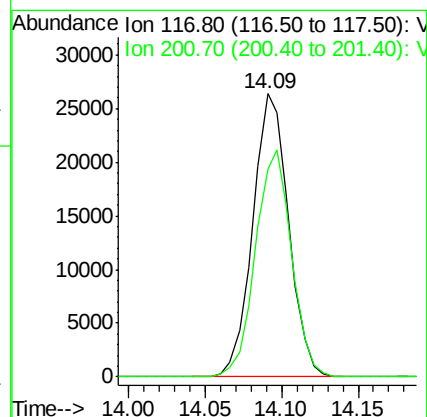
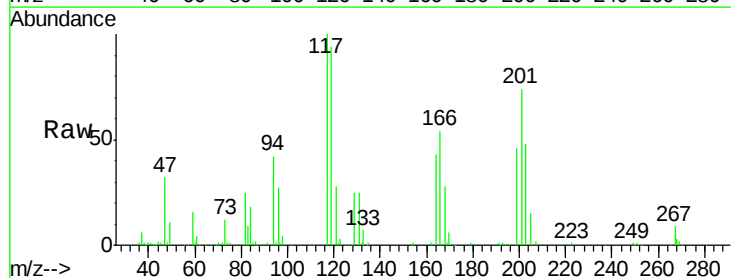
Acq: 21 Aug 2019 10:33

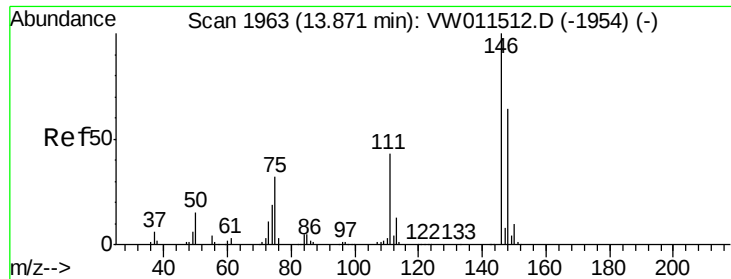
Tgt Ion: 117 Resp: 43013

Ion Ratio Lower Upper

117 100

201 80.6 39.4 118.2

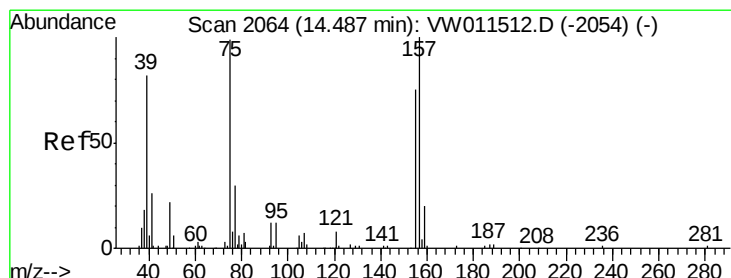
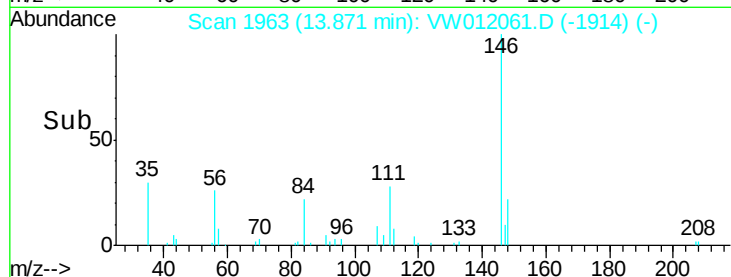
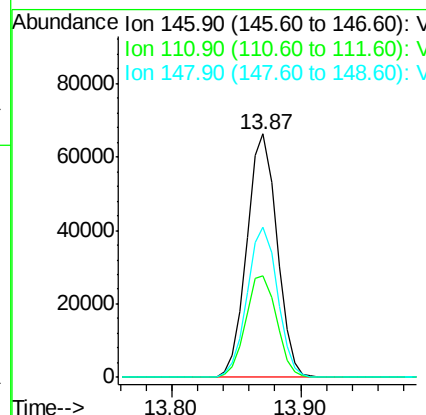
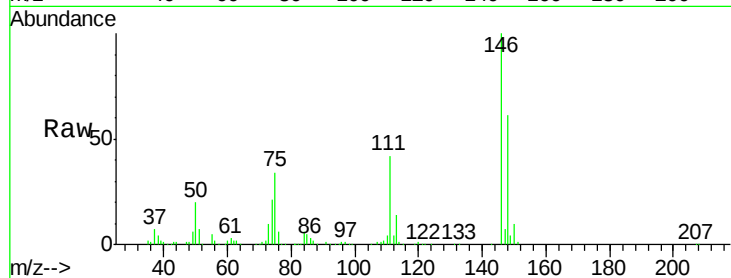




#91  
 1,2-Dichlorobenzene  
 Concen: 22.466 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

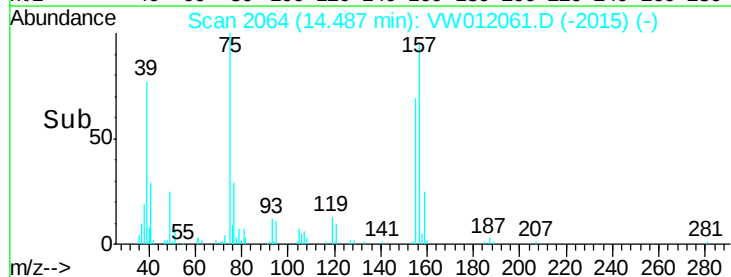
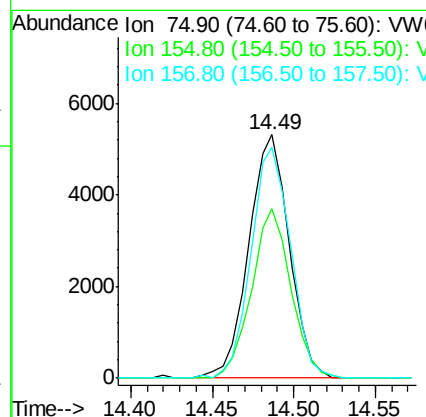
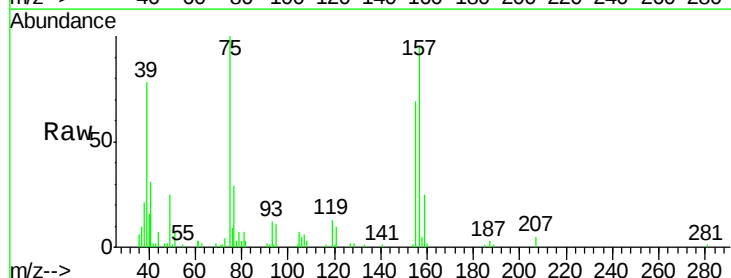
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0821SBS01

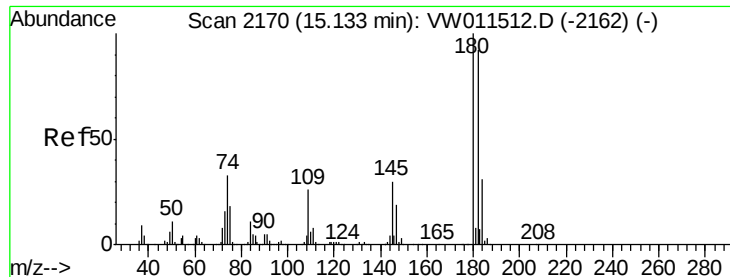
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.9  | 21.6  | 65.0  |
| 148     | 62.3  | 32.0  | 96.2  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 23.048 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 67.5  | 38.2  | 114.6 |
| 157     | 92.8  | 48.9  | 146.7 |

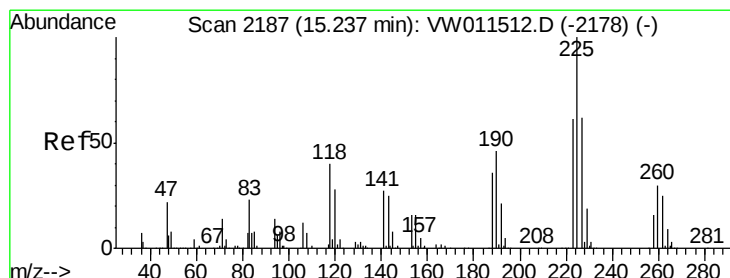
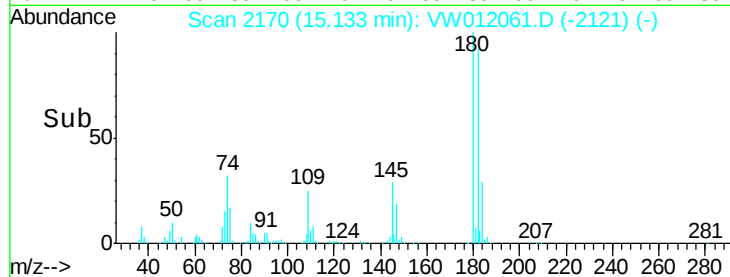
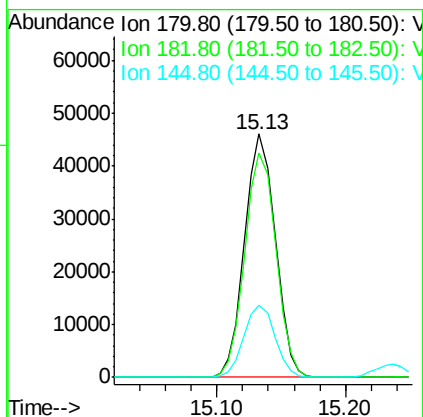
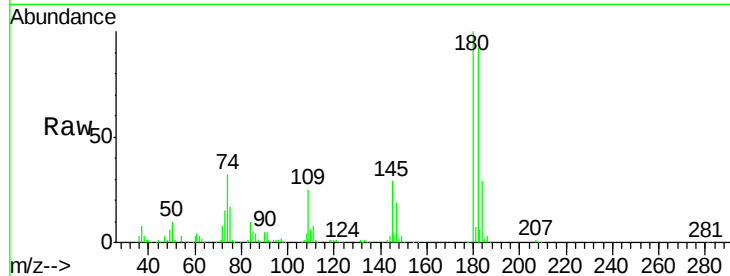




#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.685 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

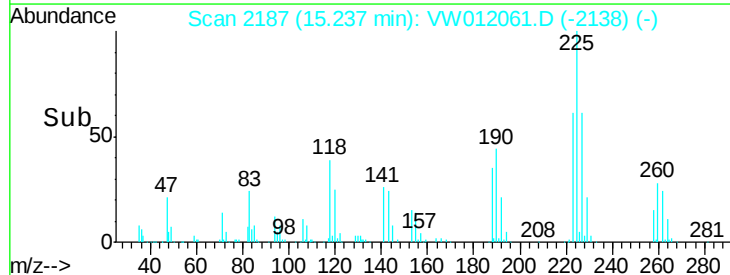
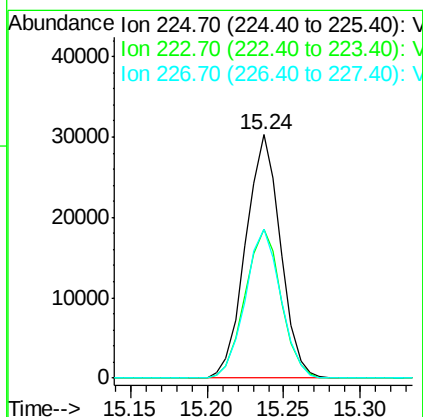
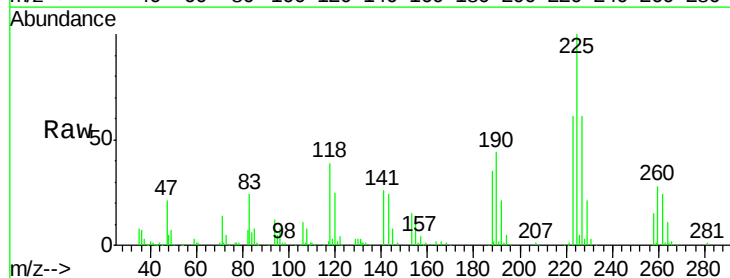
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0821SBS01

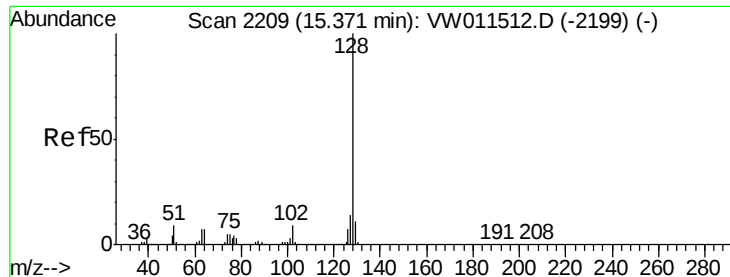
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.8  | 47.4  | 142.2 |
| 145     | 30.0  | 15.4  | 46.1  |



#94  
 Hexachlorobutadiene  
 Concen: 22.948 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: VW012061.D  
 Acq: 21 Aug 2019 10:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.3  | 30.8  | 92.3  |
| 227     | 62.4  | 31.6  | 94.7  |

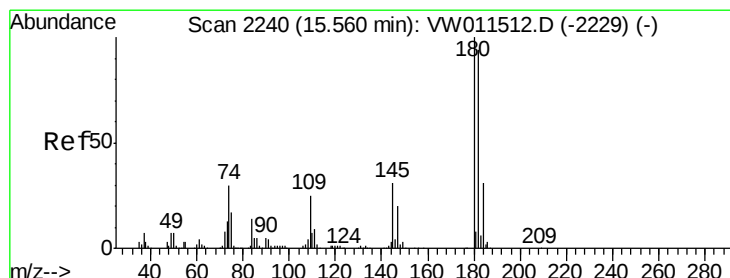
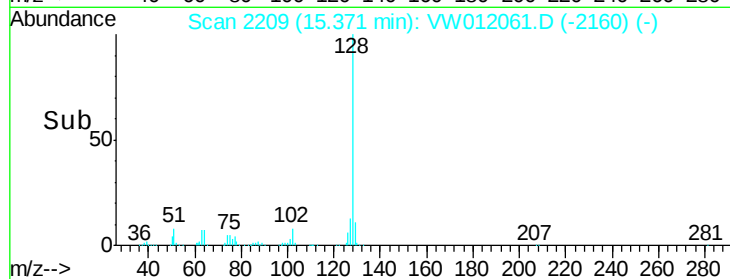
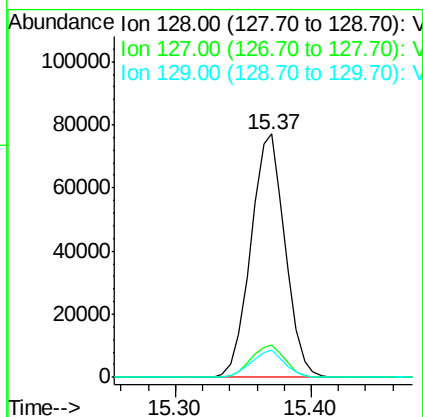
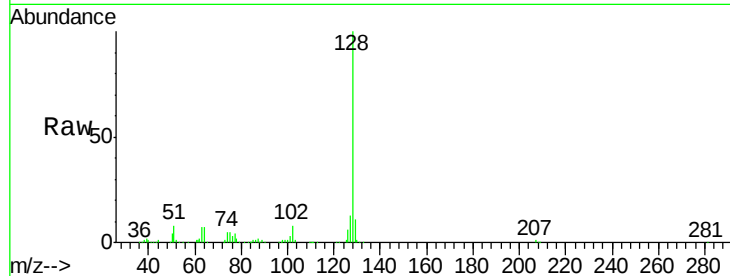




#95  
Naphthalene  
Concen: 21.899 ug/l  
RT: 15.37 min Scan# 2209  
Delta R.T. 0.00 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0821SBSD01

Tot Ion:128 Resp: 135946  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.6 16.0  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 22.218 ug/l  
RT: 15.55 min Scan# 2239  
Delta R.T. -0.01 min  
Lab File: VW012061.D  
Acq: 21 Aug 2019 10:33

Tgt Ion:180 Resp: 65333  
Ion Ratio Lower Upper  
180 100  
182 93.6 47.4 142.2  
145 33.0 15.9 47.7

