

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112618\  
 Data File : VW007065.D  
 Acq On : 27 Nov 2018 00:54  
 Operator : VAY/AP  
 Sample : VW1126SBS02  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 27 05:30:26 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W112118S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 21 03:23:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 98046    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 163124   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 152074   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 78279    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 56701    | 59.07 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 118.14% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 50038    | 54.32 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.64% |      |
| 50) Toluene-d8            | 10.32  | 98  | 210017   | 51.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.26% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 83899    | 52.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.82% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 22933  | 23.690  | ug/l   | 97     |
| 3) Chloromethane              | 2.21 | 50  | 19038  | 23.599  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.35 | 62  | 17698  | 22.297  | ug/l   | 97     |
| 5) Bromomethane               | 2.77 | 94  | 10324  | 24.369  | ug/l   | 91     |
| 6) Chloroethane               | 2.91 | 64  | 9460   | 21.621  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 34758  | 22.269  | ug/l   | 100    |
| 8) Diethyl Ether              | 3.68 | 74  | 12505  | 24.865  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 22249  | 21.988  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.27 | 142 | 21701  | 18.735  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.23 | 59  | 8218   | 131.514 | ug/l # | 71     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 20216  | 22.780  | ug/l   | 97     |
| 13) Acrolein                  | 3.91 | 56  | 7145   | 111.340 | ug/l   | 98     |
| 14) Allyl chloride            | 4.67 | 41  | 33542  | 22.787  | ug/l   | 100    |
| 15) Acrylonitrile             | 5.38 | 53  | 23911  | 126.499 | ug/l   | 97     |
| 16) Acetone                   | 4.14 | 43  | 18831  | 135.120 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.38 | 76  | 66770  | 23.272  | ug/l   | 97     |
| 18) Methyl Acetate            | 4.68 | 43  | 12761  | 25.712  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 61456  | 26.521  | ug/l   | 95     |
| 20) Methylene Chloride        | 4.92 | 84  | 27052  | 21.252  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 23968  | 23.185  | ug/l   | 95     |
| 22) Diisopropyl ether         | 6.31 | 45  | 70352  | 24.556  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.26 | 43  | 202908 | 133.367 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 39853  | 22.866  | ug/l   | 98     |
| 25) 2-Butanone                | 7.18 | 43  | 31047  | 130.070 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 33906  | 21.633  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 26416  | 23.995  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.51 | 49  | 14855  | 22.804  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 20353  | 131.658 | ug/l   | 99     |
| 30) Chloroform                | 7.68 | 83  | 42862  | 23.148  | ug/l   | 100    |
| 31) Cyclohexane               | 7.96 | 56  | 42196  | 22.825  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 39666  | 23.783  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 36517  | 22.908  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.25 | 43  | 14602  | 25.278  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 34957  | 22.901  | ug/l   | 99     |

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 Sample : VW1126SBS02  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 27 05:30:26 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W112118S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 21 03:23:02 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 42102    | 21.106  | ug/l   | 98       |
| 40) Benzene                    | 8.32  | 78   | 99423    | 23.106  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.48  | 41   | 9689     | 27.009  | ug/l   | 89       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 28669    | 22.949  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 28172    | 25.592  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 29091    | 24.117  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 24975    | 23.546  | ug/l   | 98       |
| 46) Dibromomethane             | 9.46  | 93   | 12870    | 24.229  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.65  | 83   | 33561    | 23.981  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 12905    | 24.313  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.48  | 88   | 3867     | 489.804 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 68350    | 122.867 | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 64744    | 22.109  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 32609    | 24.053  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 39155    | 23.906  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 19132    | 24.481  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 22420    | 24.715  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 32316    | 24.675  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 57422    | 121.134 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.97 | 43   | 45940    | 120.595 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 22018    | 24.725  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 18028    | 25.217  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.87 | 164  | 23600    | 24.123  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.66 | 112  | 71596    | 22.557  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 23799    | 24.786  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.73 | 91   | 128465   | 22.032  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.84 | 106  | 101031   | 44.164  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 48056    | 22.279  | ug/l   | 98       |
| 70) Styrene                    | 12.18 | 104  | 78345    | 22.820  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 11572    | 25.584  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.47 | 105  | 130814   | 21.502  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 25300    | 24.813  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 20177    | 24.921  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 26424    | 42.958  | ug/l # | 100      |
| 77) Bromobenzene               | 12.75 | 156  | 29806    | 22.810  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.80 | 91   | 155953   | 21.163  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 91642    | 21.568  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 114422   | 21.749  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 5652     | 23.069  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 97180    | 21.794  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 98183    | 21.556  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 116212   | 22.172  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 137074   | 21.302  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 123096   | 21.684  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 59781    | 22.410  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 58375    | 21.948  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.83 | 91   | 113777   | 21.298  | ug/l   | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 18873    | 22.772  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 52233    | 22.346  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 3222     | 23.563  | ug/l   | 98       |

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Acq On : 27 Nov 2018 00:54  
Operator : VAY/AP  
Sample : VW1126SBS02  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 35 Sample Multiplier: 1

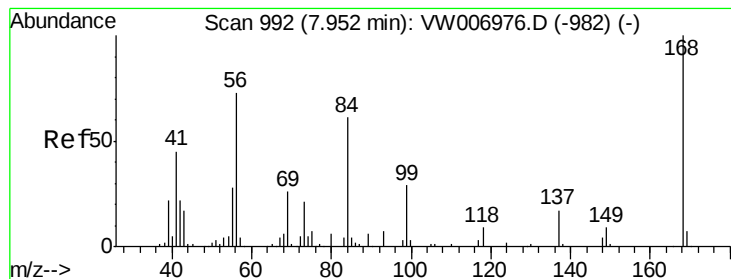
Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Nov 27 05:30:26 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W112118S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 21 03:23:02 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 35179    | 22.824 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 17707    | 21.132 | ug/l  | 98       |
| 95) Naphthalene            | 15.37 | 128  | 64153    | 22.929 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 29664    | 23.198 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

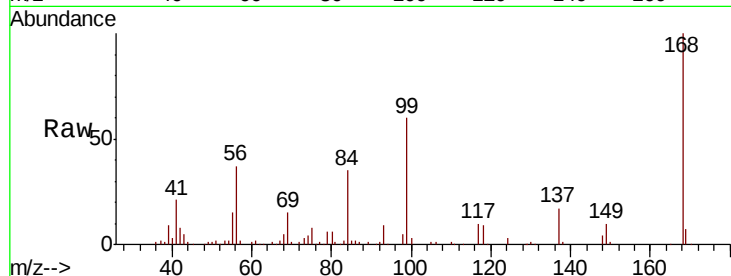
ClientSampleId :

Tot Ion:168 Resp: 98046

Ion Ratio Lower Upper

168 100

99 60.4 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

50000

40000

30000

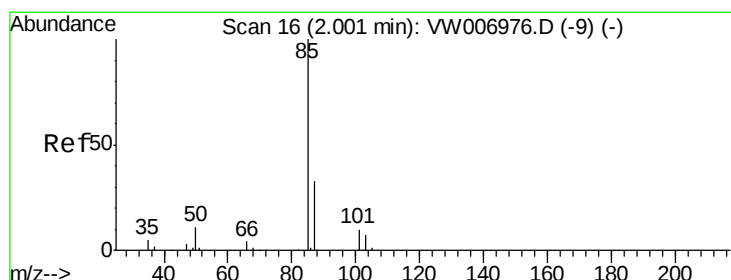
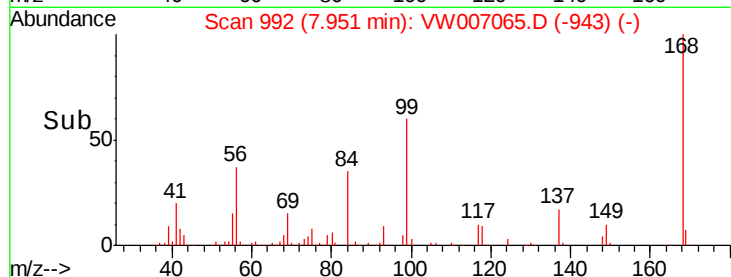
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 23.690 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007065.D

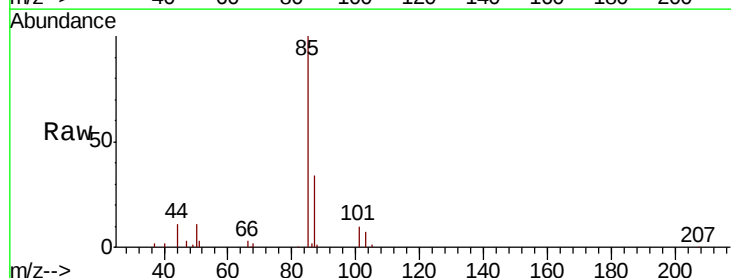
Acq: 27 Nov 2018 00:54

Tgt Ion: 85 Resp: 22933

Ion Ratio Lower Upper

85 100

87 34.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

15000

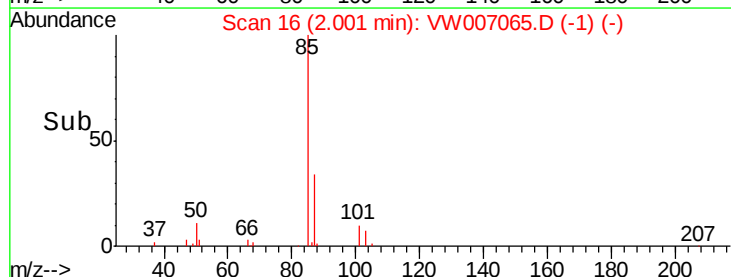
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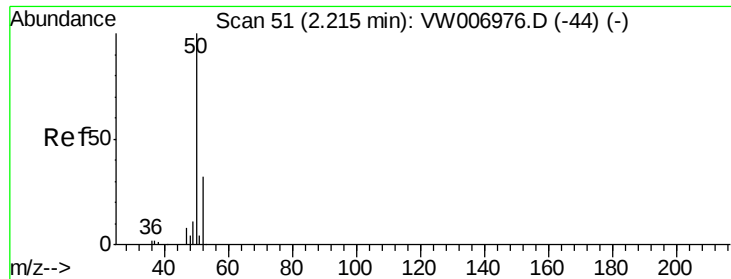
5000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 23.599 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

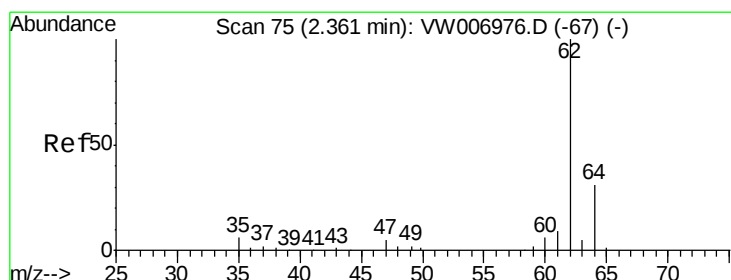
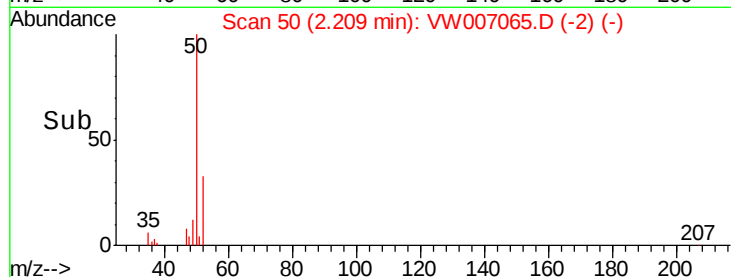
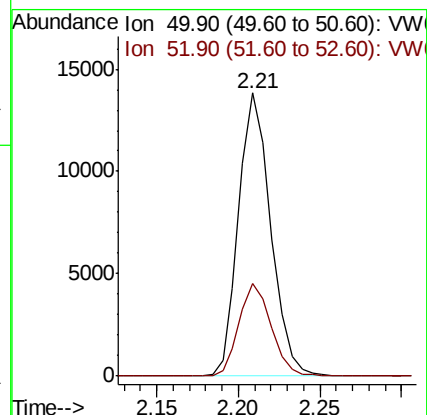
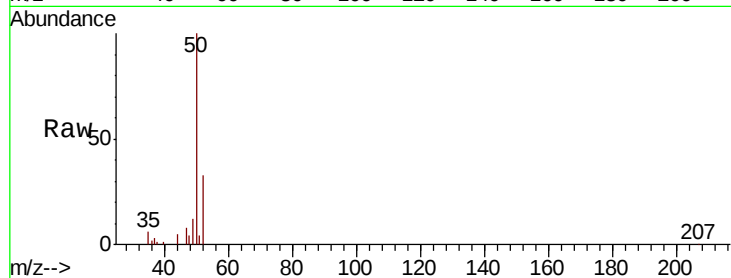
ClientSampleId :

Tot Ion: 50 Resp: 19038

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



#4

Vinyl Chloride

Concen: 22.297 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007065.D

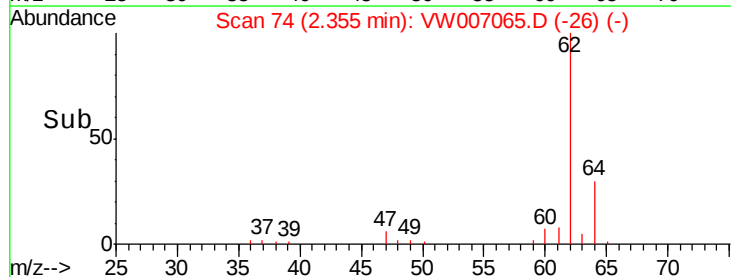
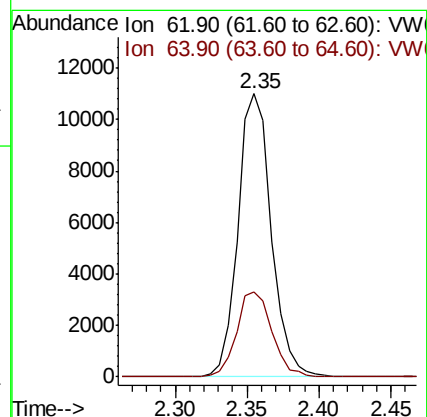
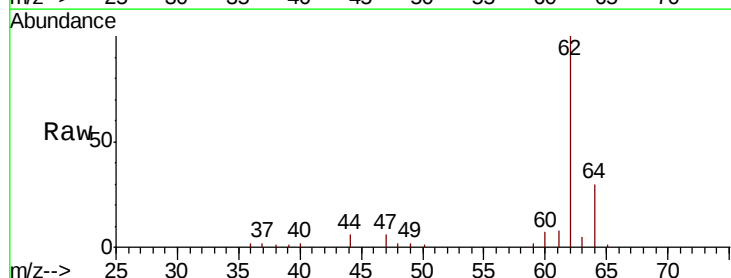
Acq: 27 Nov 2018 00:54

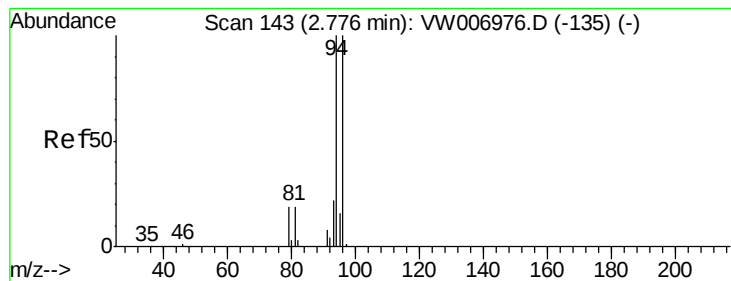
Tgt Ion: 62 Resp: 17698

Ion Ratio Lower Upper

62 100

64 30.0 25.2 37.8





#5

Bromomethane

Concen: 24.369 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

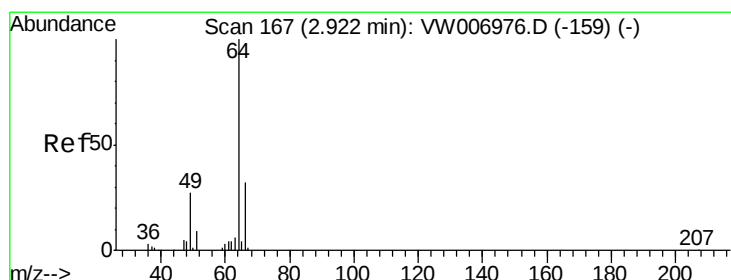
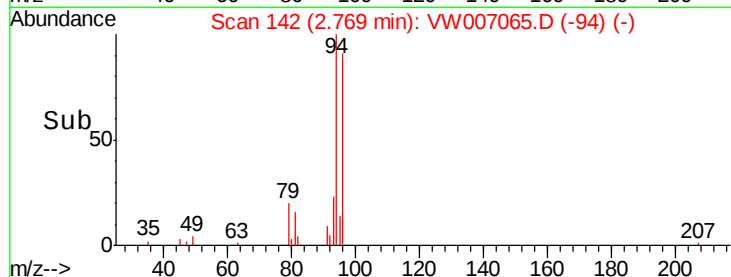
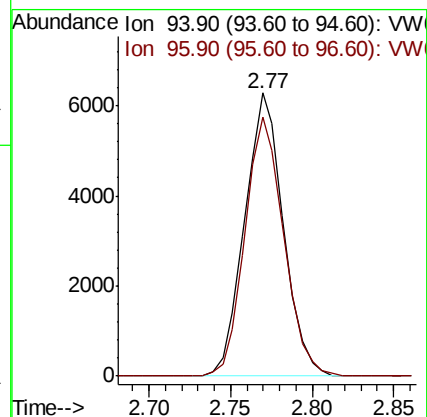
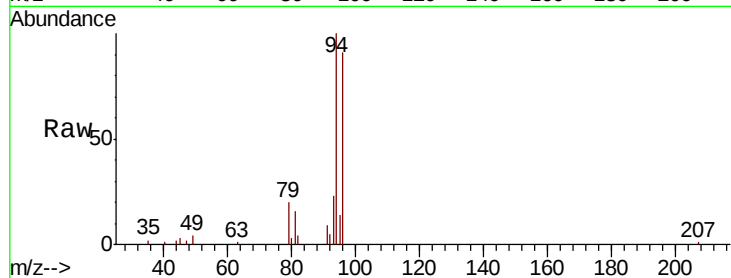
ClientSampleId :

Tot Ion: 94 Resp: 10324

Ion Ratio Lower Upper

94 100

96 91.3 80.2 120.2



#6

Chloroethane

Concen: 21.621 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW007065.D

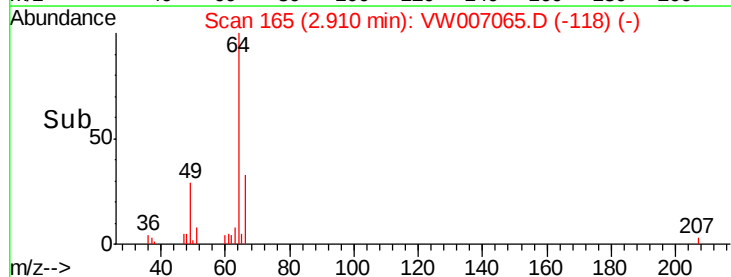
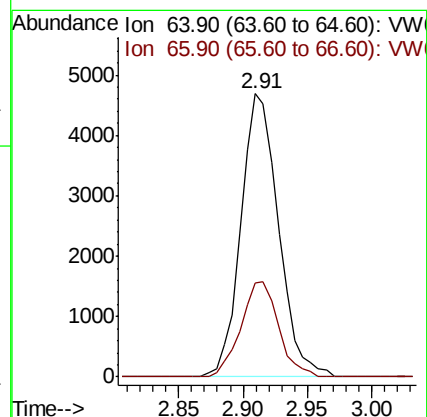
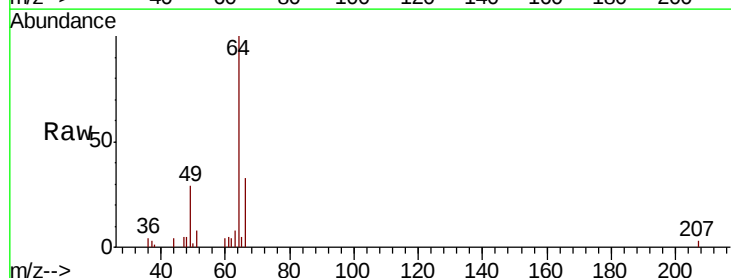
Acq: 27 Nov 2018 00:54

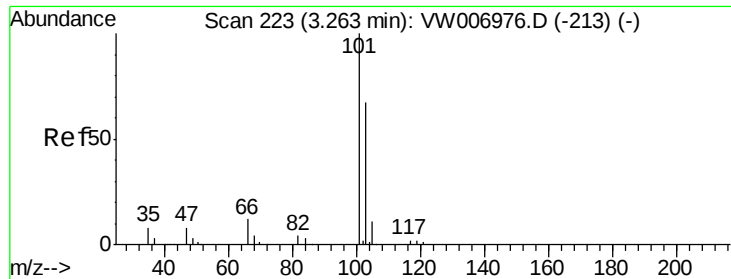
Tgt Ion: 64 Resp: 9460

Ion Ratio Lower Upper

64 100

66 33.4 25.3 37.9



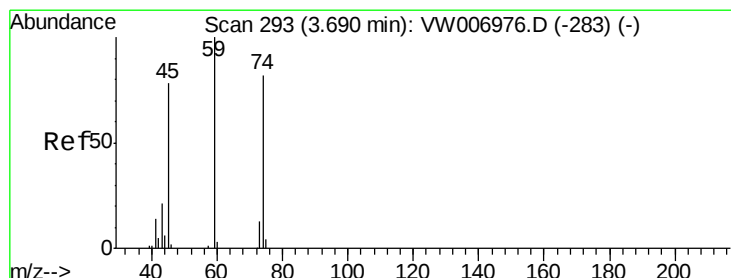
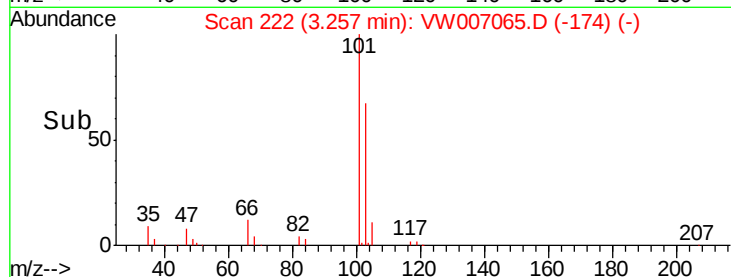
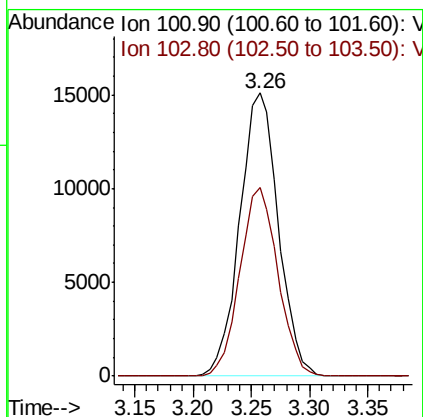
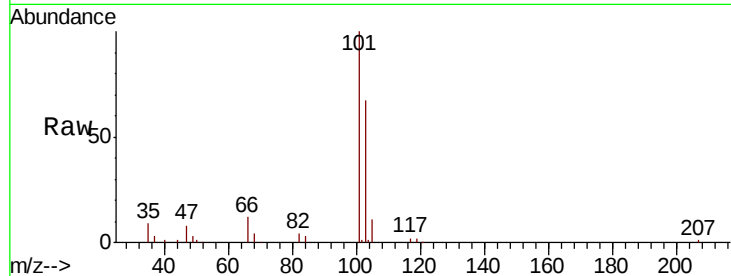


#7

Trichlorofluoromethane  
 Concen: 22.269 ug/l  
 RT: 3.26 min Scan# 222  
 Delta R.T. -0.01 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Instrument :  
 MSVOA\_W  
 ClientSampleId :

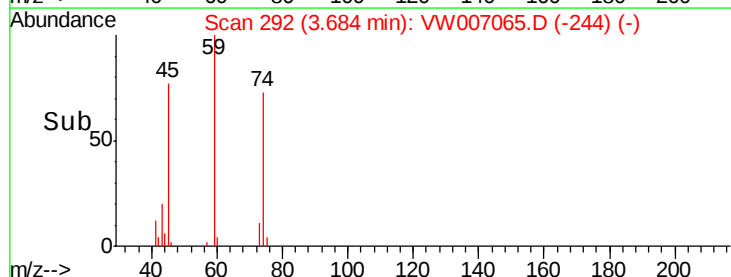
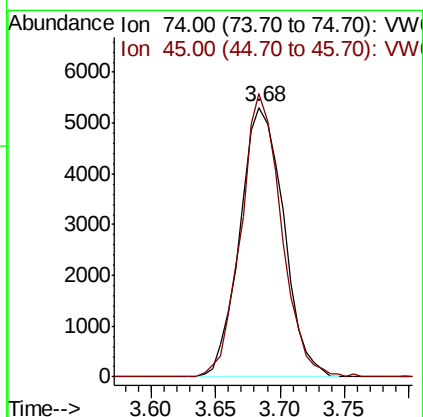
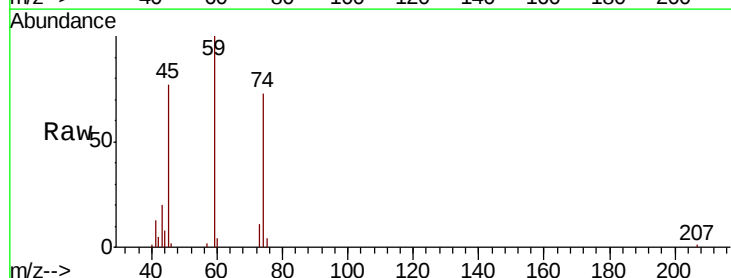
Tot Ion:101 Resp: 34758  
 Ion Ratio Lower Upper  
 101 100  
 103 66.8 53.4 80.2

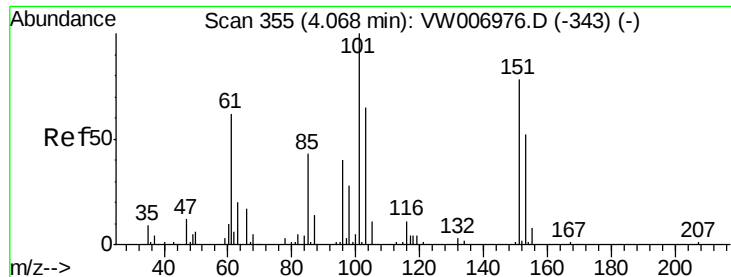


#8

Diethyl Ether  
 Concen: 24.865 ug/l  
 RT: 3.68 min Scan# 292  
 Delta R.T. -0.01 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Tgt Ion: 74 Resp: 12505  
 Ion Ratio Lower Upper  
 74 100  
 45 97.1 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.988 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

ClientSampleId :

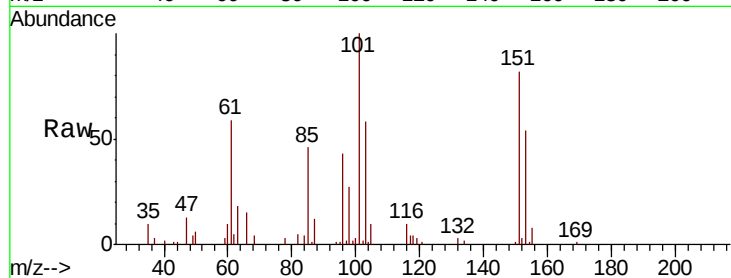
Tot Ion:101 Resp: 22249

Ion Ratio Lower Upper

101 100

85 43.7 34.3 51.5

151 79.9 63.4 95.2

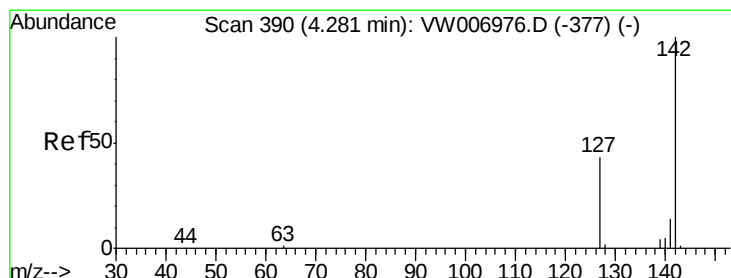
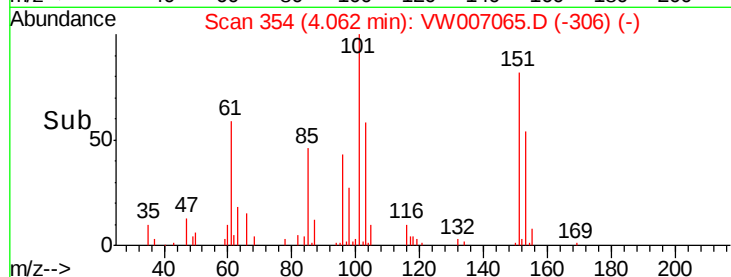
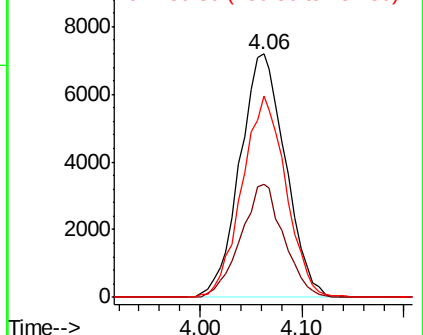


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.735 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

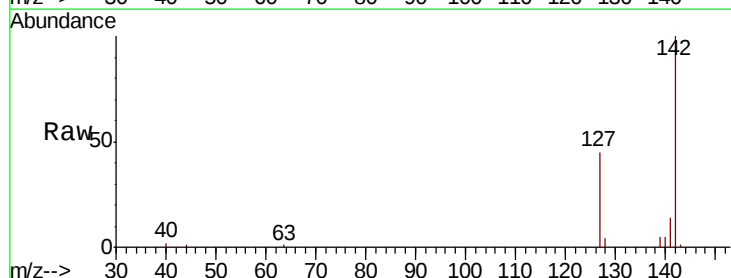
Tgt Ion:142 Resp: 21701

Ion Ratio Lower Upper

142 100

127 43.3 35.3 52.9

141 14.4 11.7 17.5

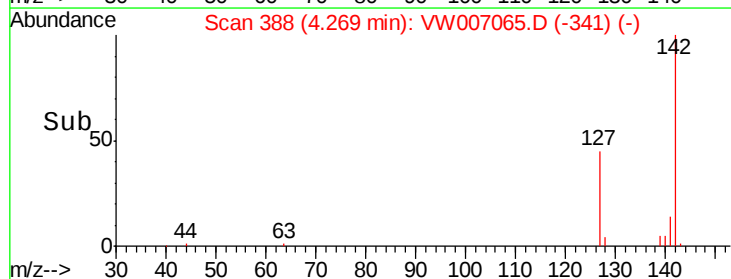
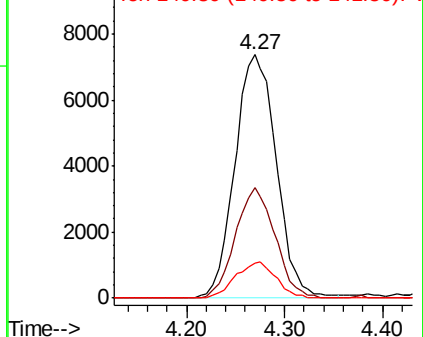


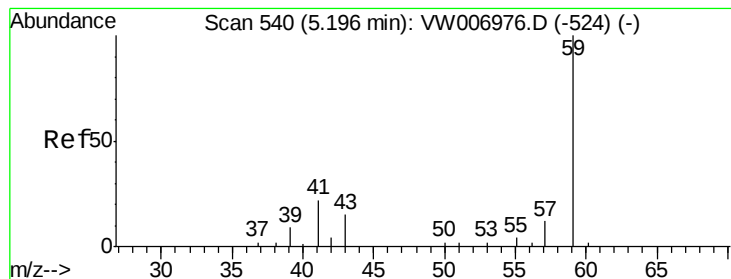
Abundance

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



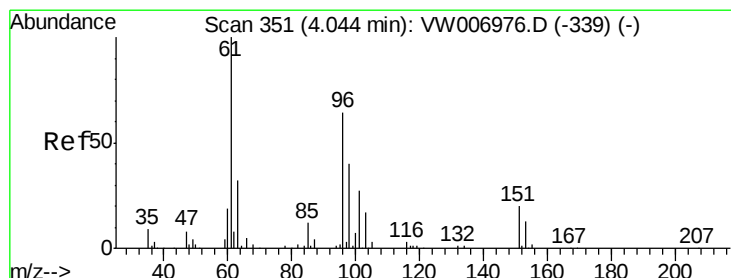
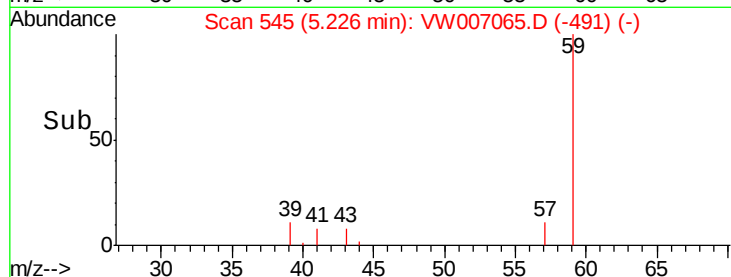
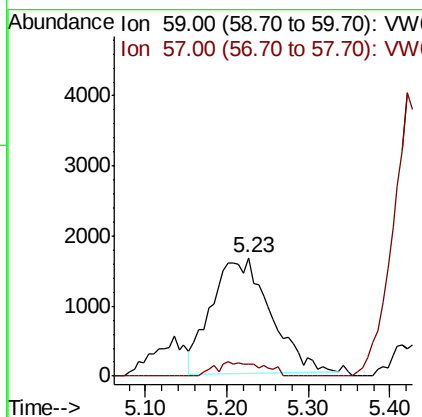
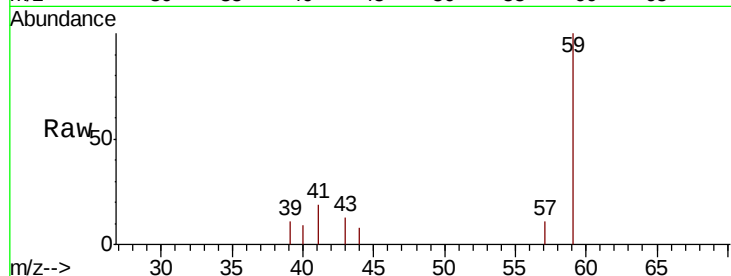


#11

Tert butyl alcohol  
 Concen: 131.514 ug/l  
 RT: 5.23 min Scan# 545  
 Delta R.T. 0.03 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Instrument :  
 MSVOA\_W  
 ClientSampled :

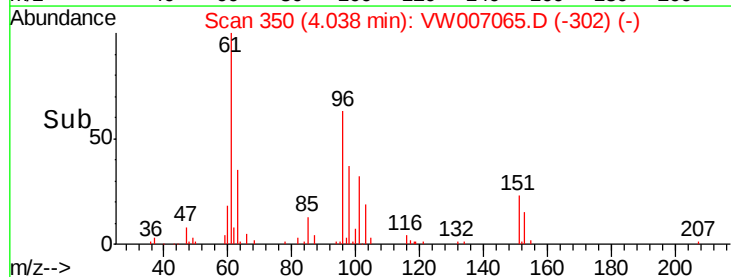
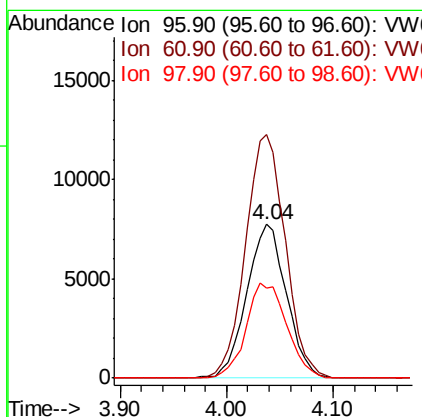
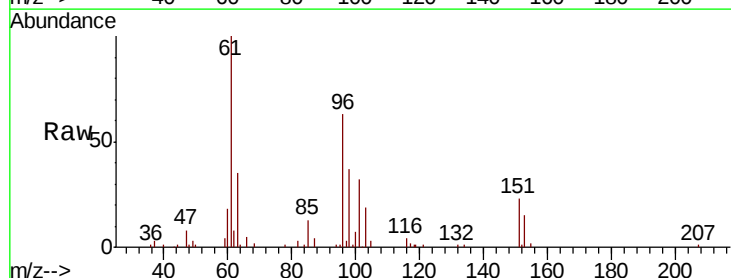
Tot Ion: 59 Resp: 8218  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.6 13.0#

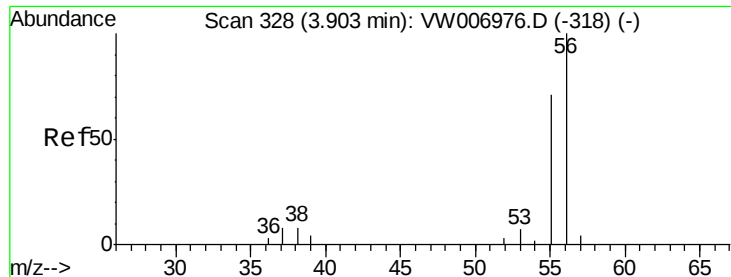


#12

1,1-Dichloroethene  
 Concen: 22.780 ug/l  
 RT: 4.04 min Scan# 350  
 Delta R.T. -0.01 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Tgt Ion: 96 Resp: 20216  
 Ion Ratio Lower Upper  
 96 100  
 61 158.7 124.3 186.5  
 98 58.9 49.4 74.2





#13

Acrolein

Concen: 111.340 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

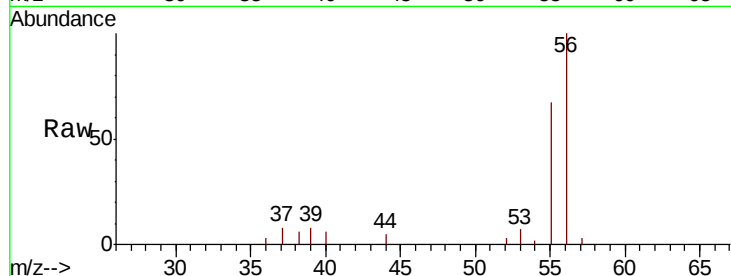
ClientSampleId :

Tot Ion: 56 Resp: 7145

Ion Ratio Lower Upper

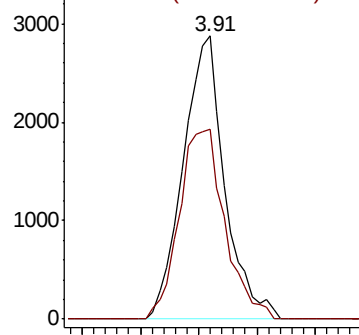
56 100

55 73.3 57.5 86.3

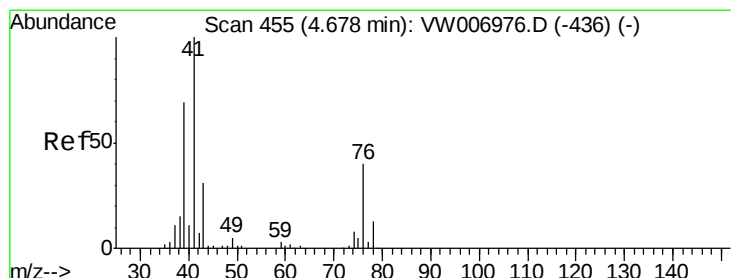
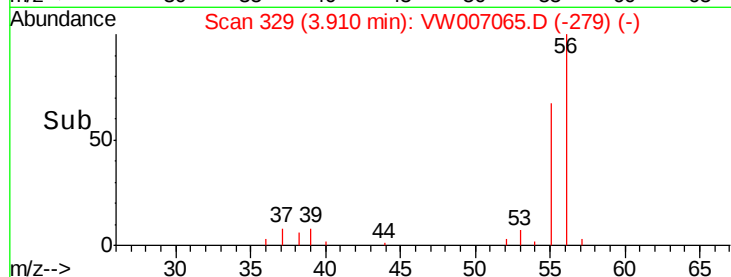


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



Time-->



#14

Allyl chloride

Concen: 22.787 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

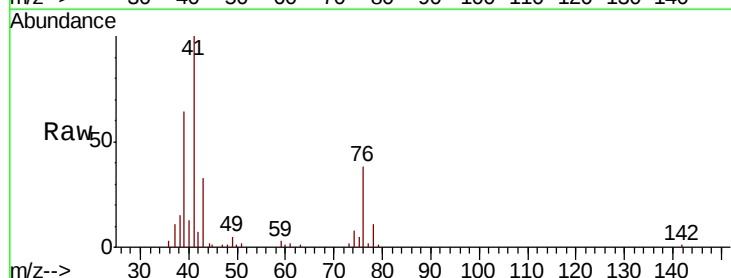
Tgt Ion: 41 Resp: 33542

Ion Ratio Lower Upper

41 100

39 69.2 55.4 83.2

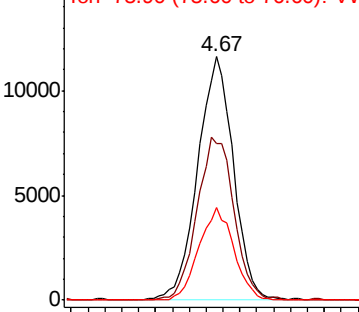
76 37.0 29.6 44.4



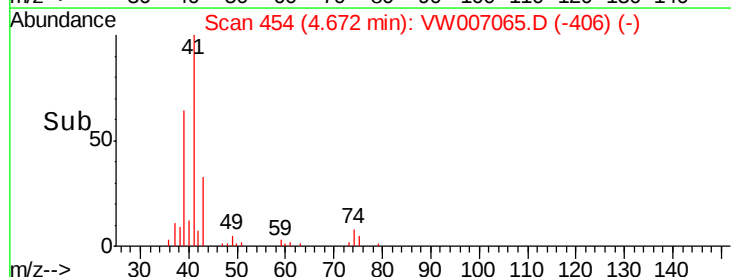
Abundance Ion 41.00 (40.70 to 41.70): VW

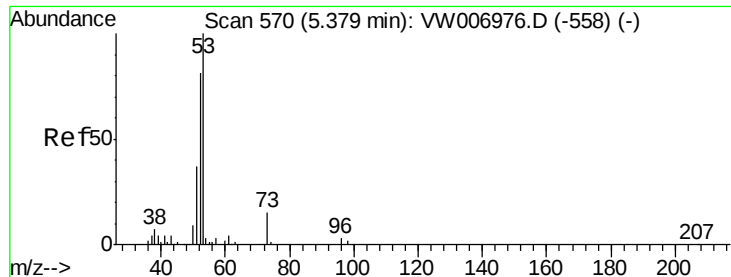
Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



Time-->





#15

Acrylonitrile

Concen: 126.499 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

ClientSampleId :

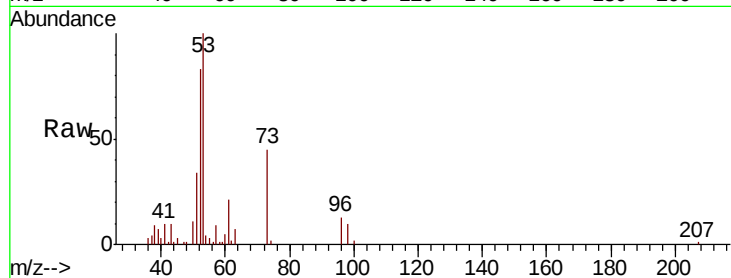
Tot Ion: 53 Resp: 23911

Ion Ratio Lower Upper

53 100

52 84.6 65.7 98.5

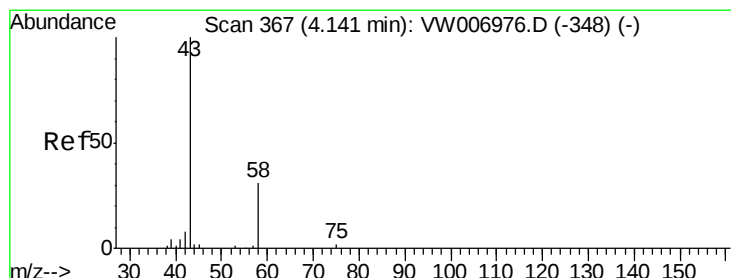
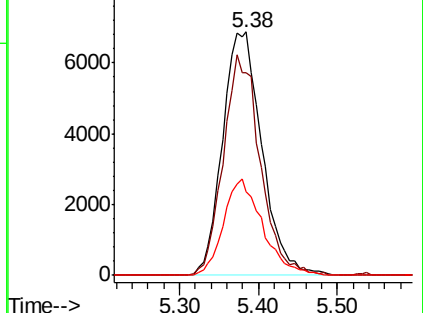
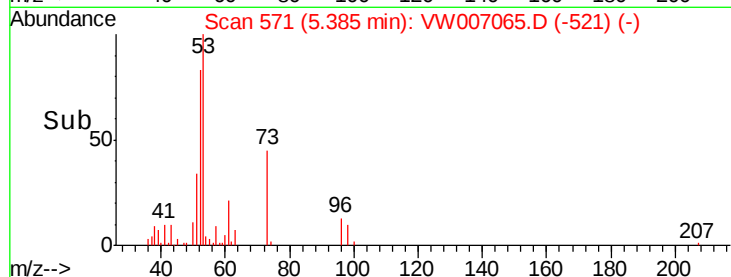
51 39.0 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 135.120 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007065.D

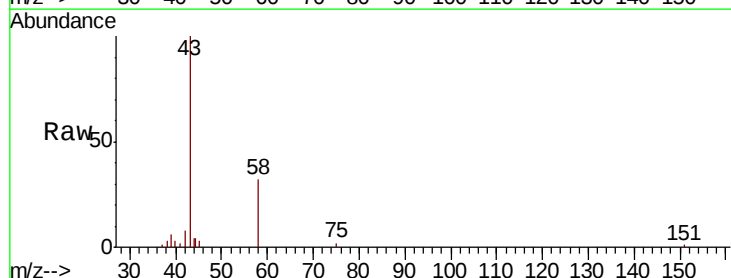
Acq: 27 Nov 2018 00:54

Tgt Ion: 43 Resp: 18831

Ion Ratio Lower Upper

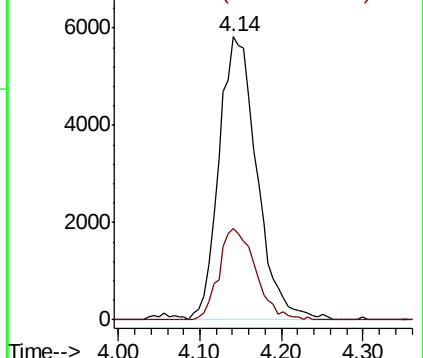
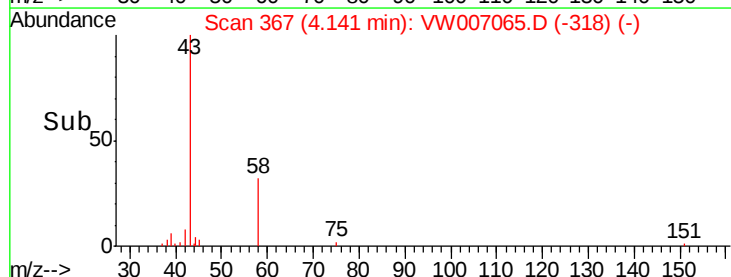
43 100

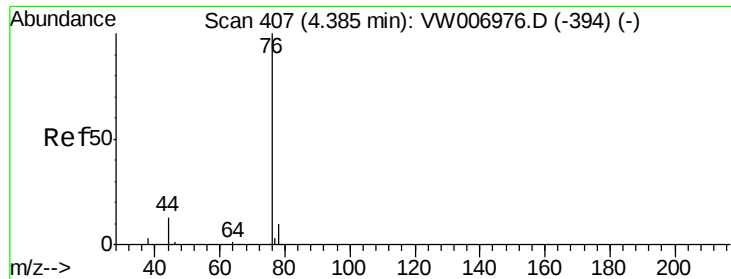
58 32.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

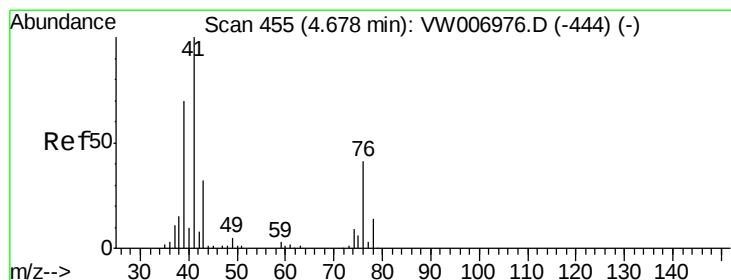
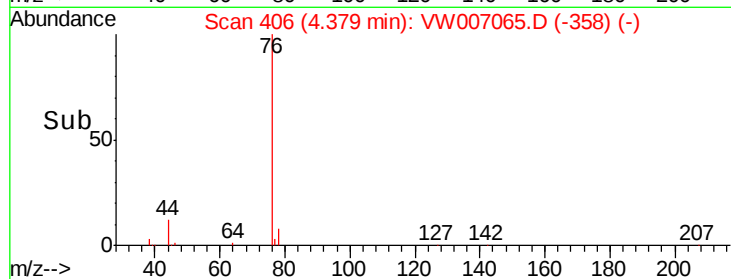
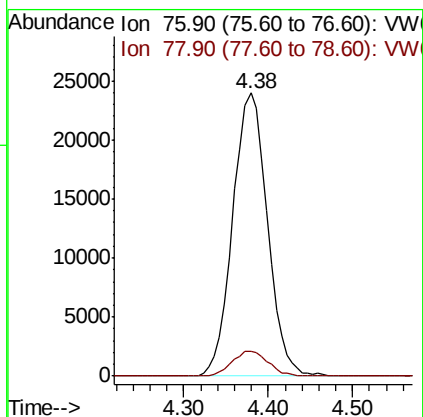
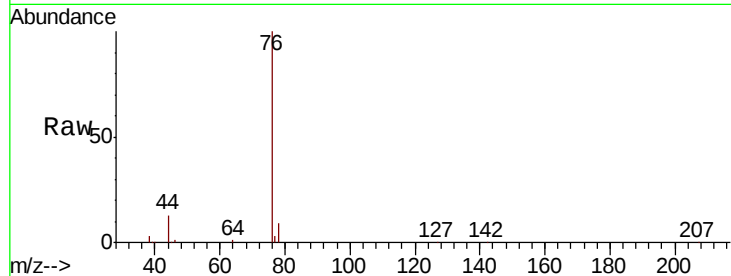




#17  
Carbon Disulfide  
Concen: 23.272 ug/l  
RT: 4.38 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

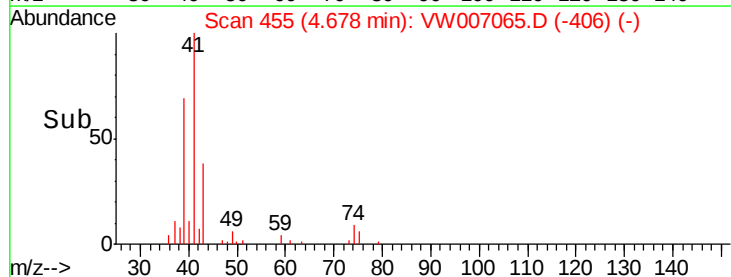
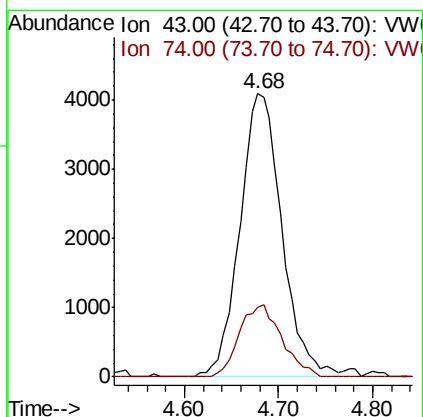
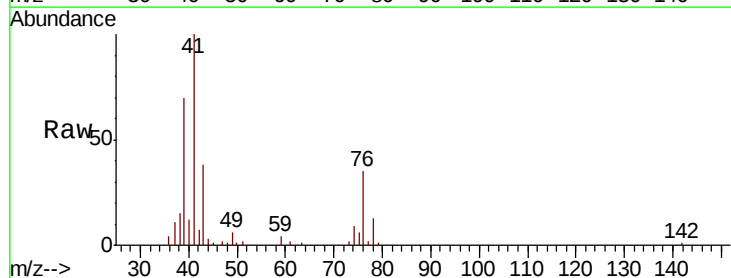
Instrument :  
MSVOA\_W  
ClientSampleId :

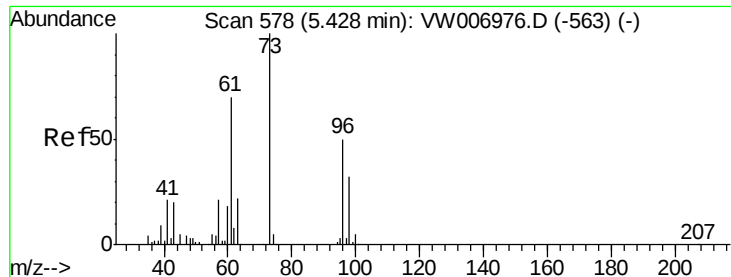
Tot Ion: 76 Resp: 66770  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.8 11.6



#18  
Methyl Acetate  
Concen: 25.712 ug/l  
RT: 4.68 min Scan# 455  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Tgt Ion: 43 Resp: 12761  
Ion Ratio Lower Upper  
43 100  
74 25.7 20.1 30.1

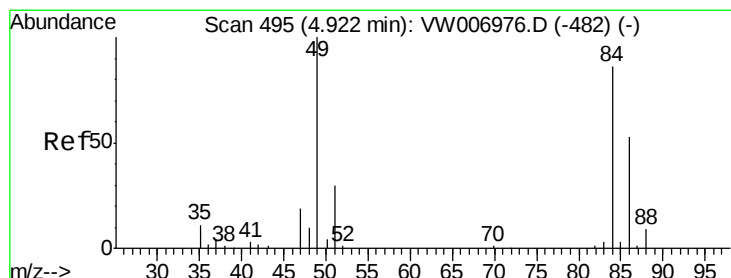
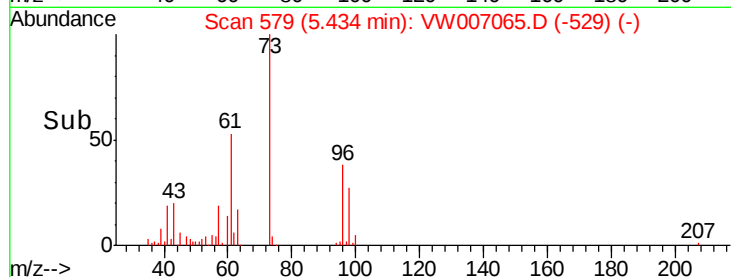
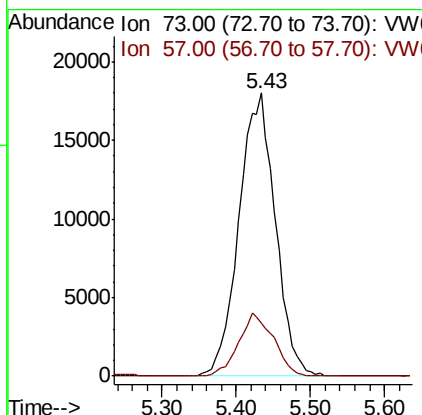
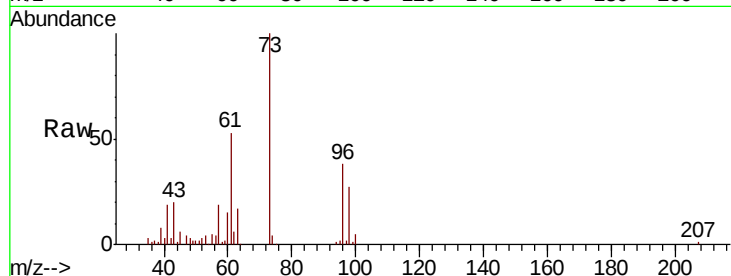




#19  
Methvl tert-butvl Ether  
Concen: 26.521 ug/l  
RT: 5.43 min Scan# 579  
Delta R.T. 0.01 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

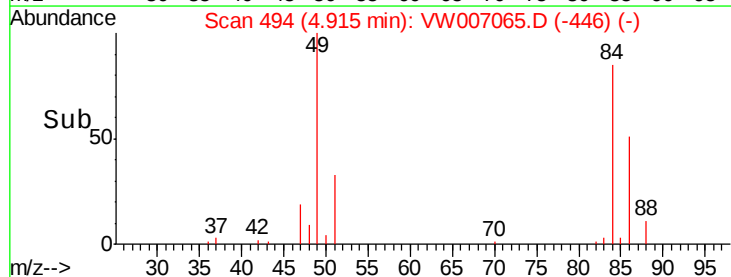
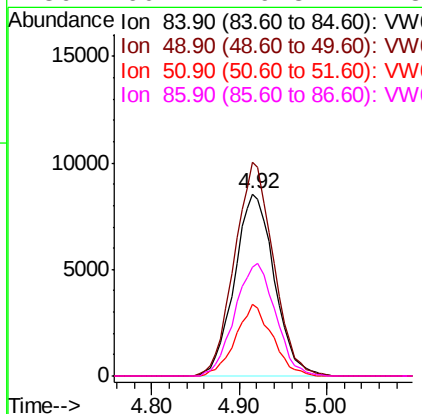
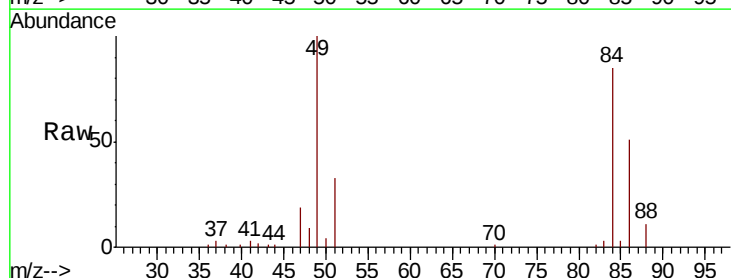
Instrument :  
MSVOA\_W  
ClientSampled :

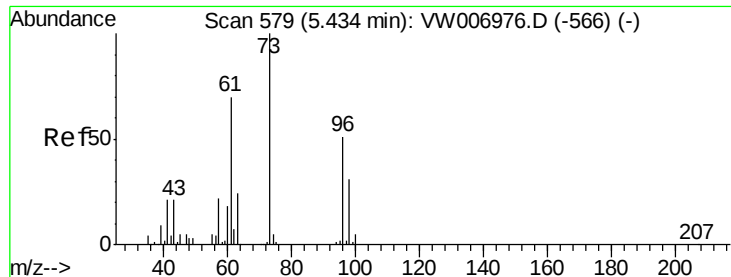
Tot Ion: 73 Resp: 61456  
Ion Ratio Lower Upper  
73 100  
57 18.8 16.7 25.1



#20  
Methylene Chloride  
Concen: 21.252 ug/l  
RT: 4.92 min Scan# 494  
Delta R.T. -0.01 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Tgt Ion: 84 Resp: 27052  
Ion Ratio Lower Upper  
84 100  
49 117.5 93.4 140.0  
51 39.1 28.4 42.6  
86 60.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 23.185 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

ClientSampleId :

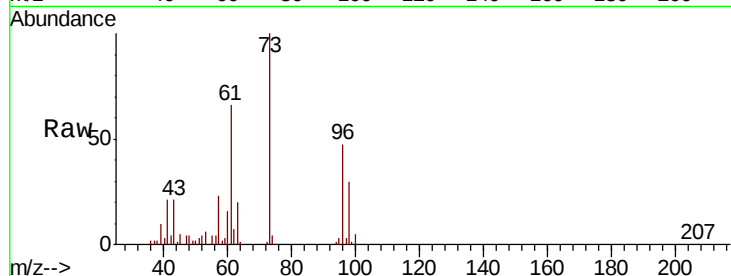
Tot Ion: 96 Resp: 23968

Ion Ratio Lower Upper

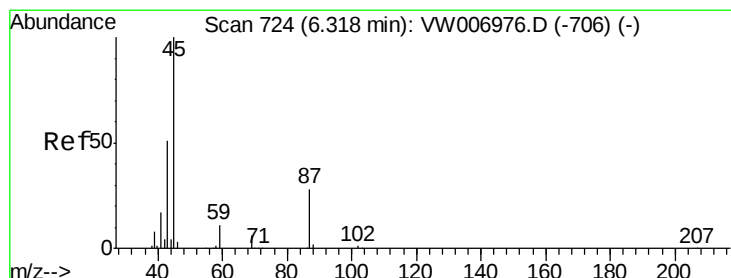
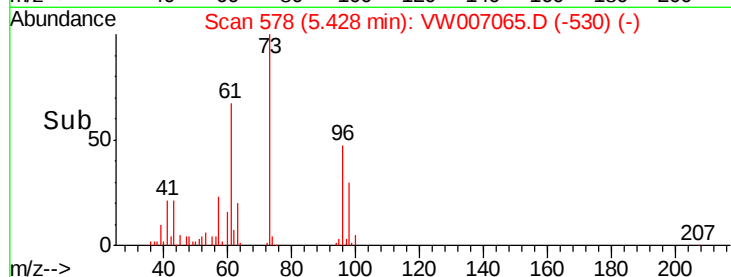
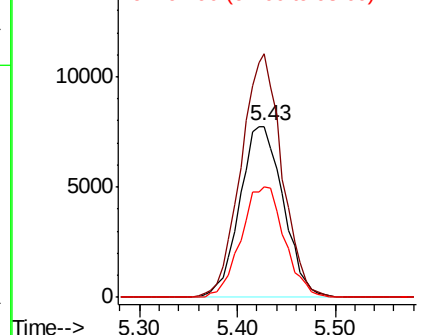
96 100

61 142.1 109.4 164.0

98 64.8 48.3 72.5



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



#22

Diisopropyl ether

Concen: 24.556 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Tgt Ion: 45 Resp: 70352

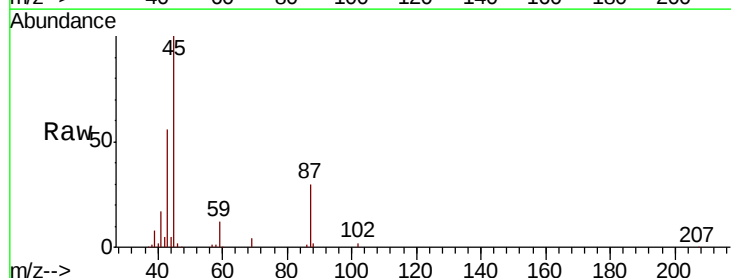
Ion Ratio Lower Upper

45 100

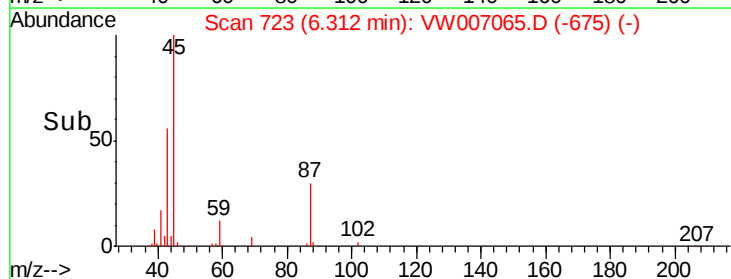
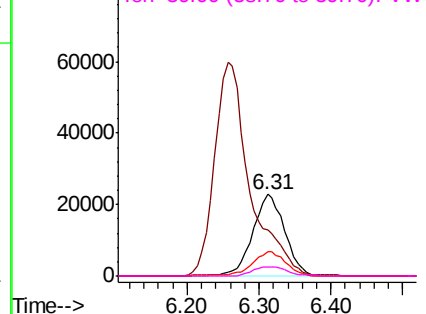
43 55.6 42.5 63.7

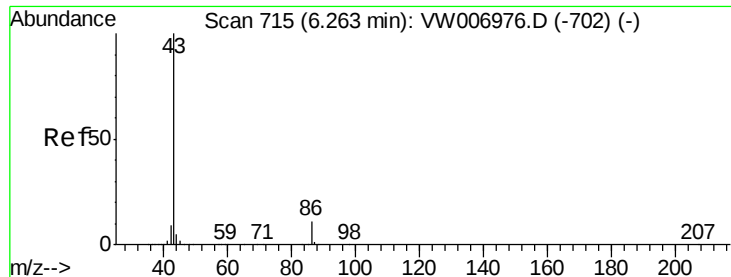
87 29.7 22.8 34.2

59 11.5 9.1 13.7



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





#23

Vinyl Acetate

Concen: 133.367 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

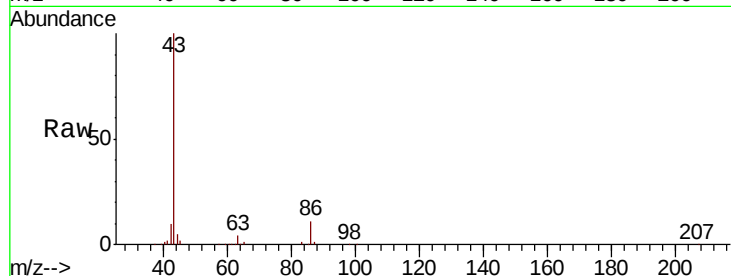
ClientSampled :

Tot Ion: 43 Resp: 202908

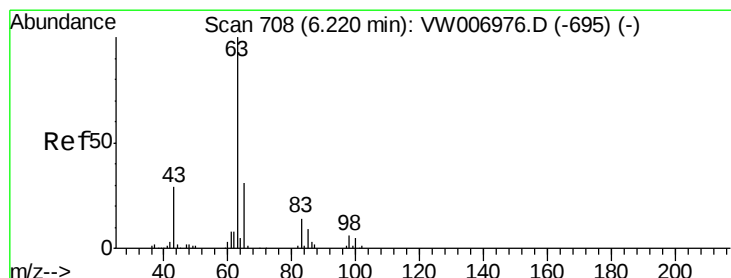
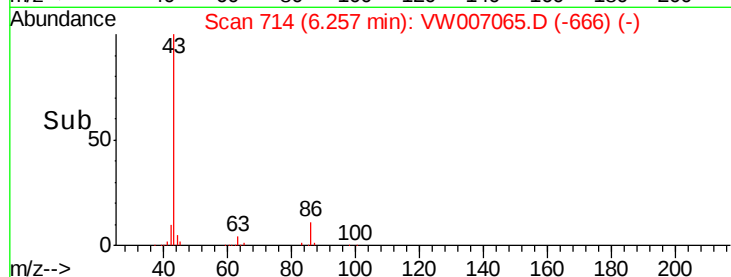
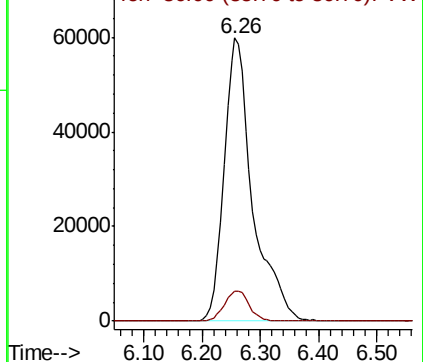
Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW  
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.866 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

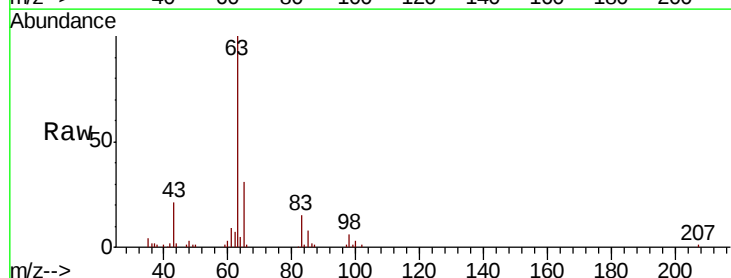
Tgt Ion: 63 Resp: 39853

Ion Ratio Lower Upper

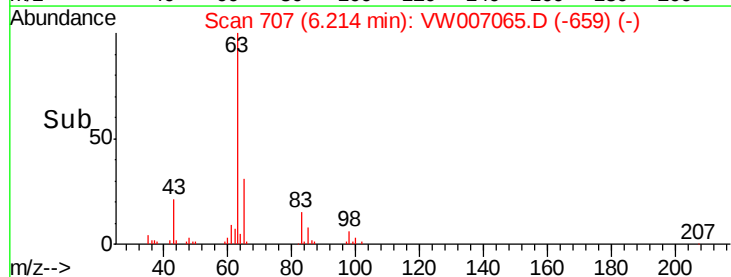
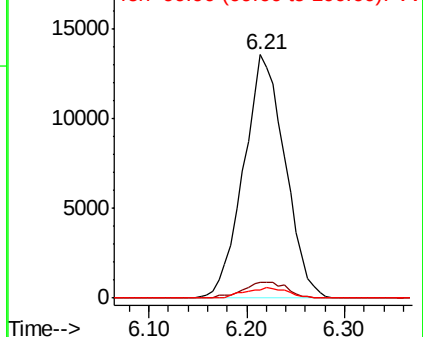
63 100

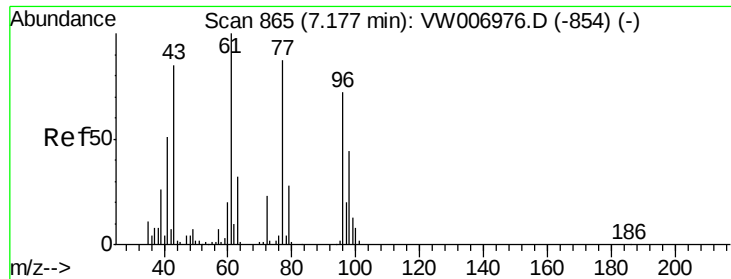
98 6.4 3.1 9.4

100 3.4 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VW  
Ion 97.90 (97.60 to 98.60): VW  
Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 130.070 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

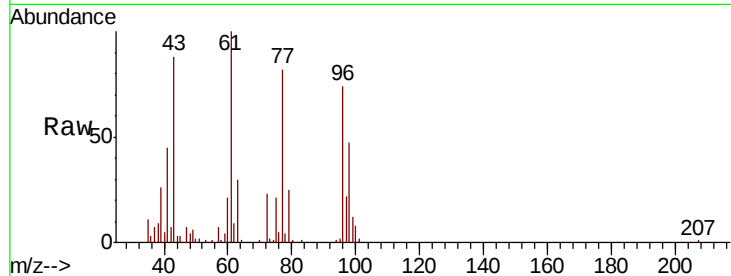
ClientSampled :

Tot Ion: 43 Resp: 31047

Ion Ratio Lower Upper

43 100

72 26.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

12000

10000

8000

6000

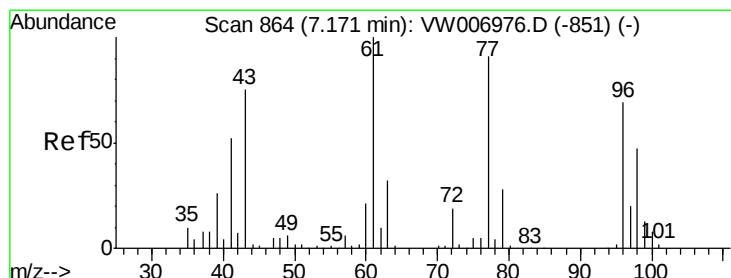
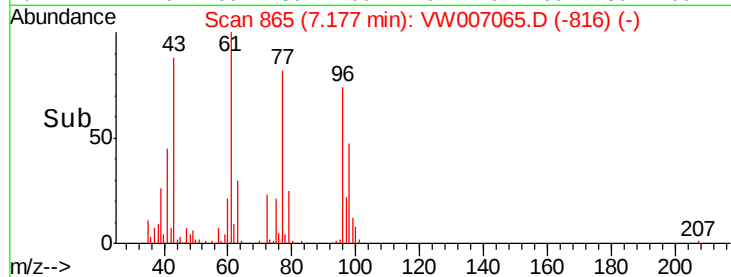
4000

2000

0

7.05 7.10 7.15 7.20 7.25

Time-->



#26

2,2-Dichloropropane

Concen: 21.633 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007065.D

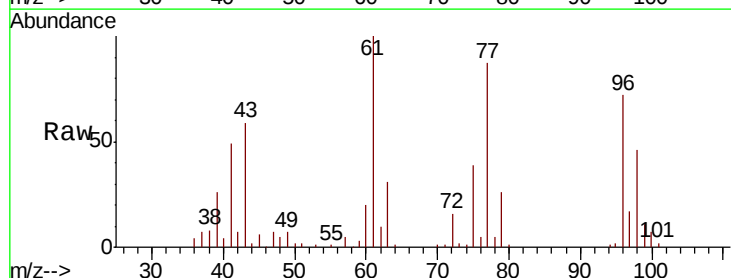
Acq: 27 Nov 2018 00:54

Tgt Ion: 77 Resp: 33906

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

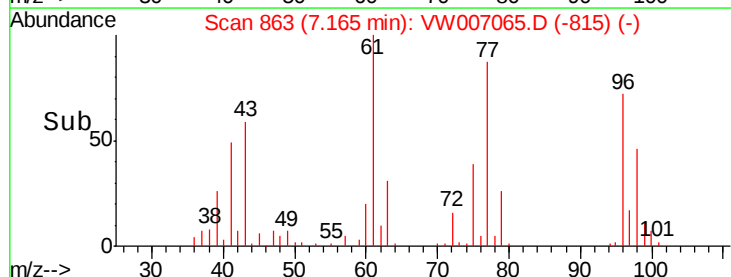
10000

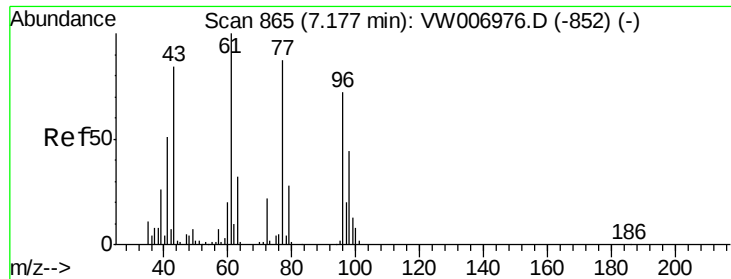
5000

0

7.10 7.20

Time-->



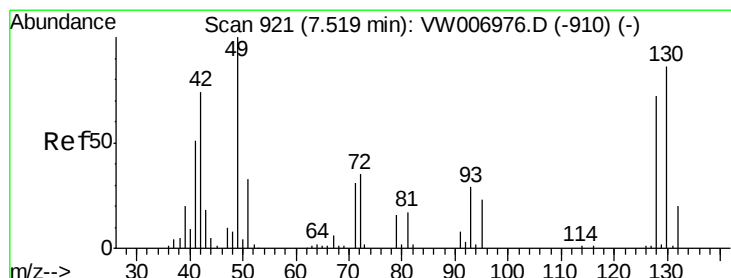
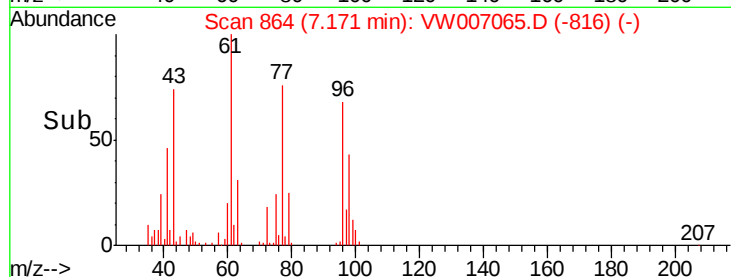
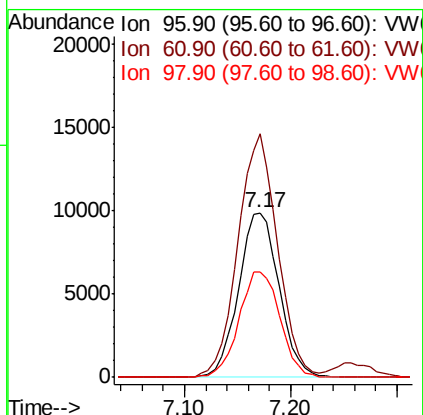
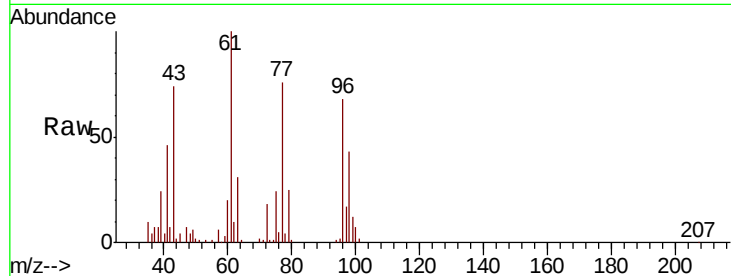


#27

cis-1,2-Dichloroethene  
Concen: 23.995 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Instrument :  
MSVOA\_W  
ClientSampleId :

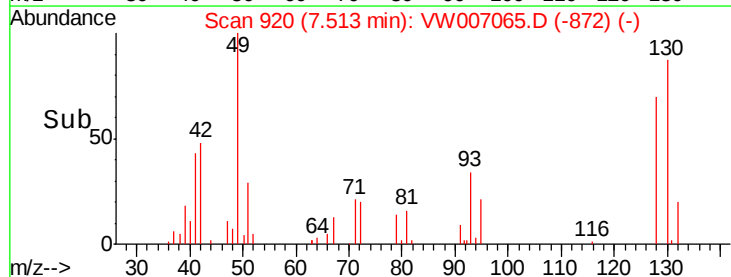
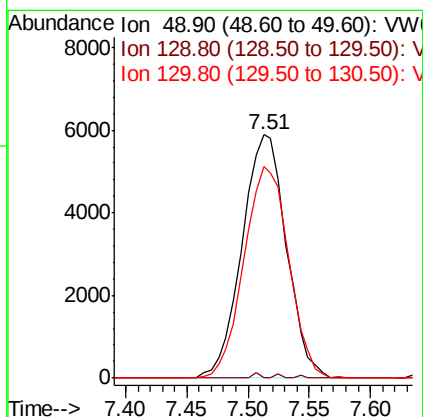
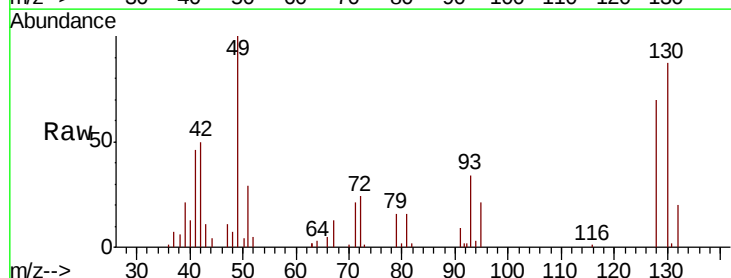
| Tot Ion | 96    | Resp  | 26416 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 144.0 | 0.0   | 292.6 |
| 98      | 64.2  | 0.0   | 129.8 |

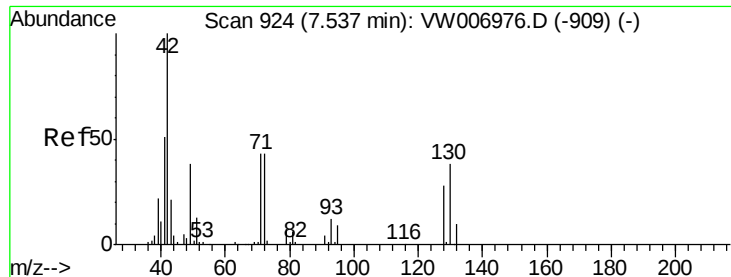


#28

Bromochloromethane  
Concen: 22.804 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

| Tgt Ion | 49    | Resp  | 14855 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 0.3   | 0.0   | 2.0   |
| 130     | 87.7  | 69.0  | 103.4 |

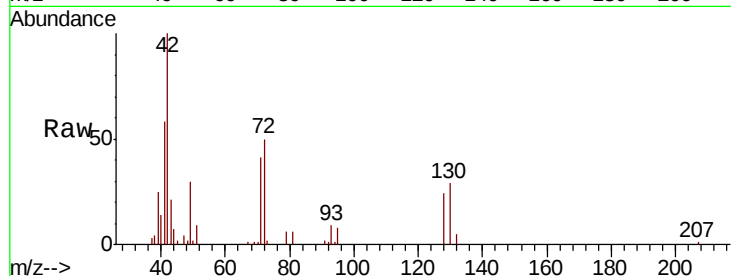




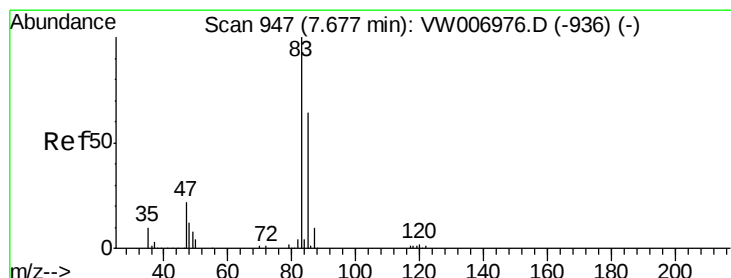
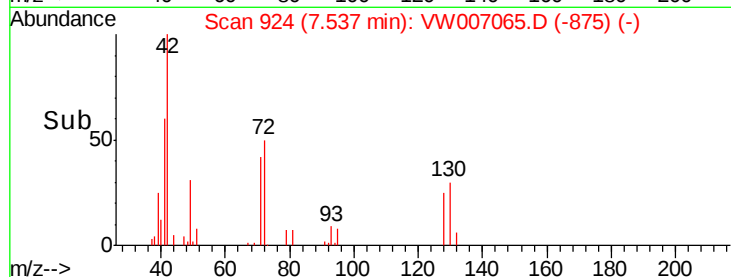
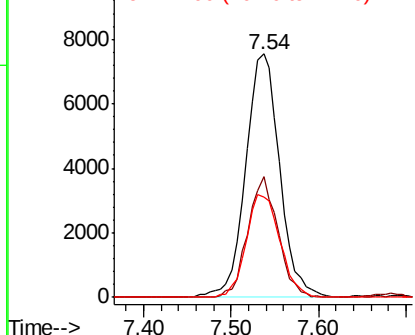
#29  
Tetrahydrofuran  
Concen: 131.658 ug/l  
RT: 7.54 min Scan# 924  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Instrument :  
MSVOA\_W  
ClientSampleId :

Tot Ion: 42 Resp: 20353  
Ion Ratio Lower Upper  
42 100  
72 44.0 36.2 54.4  
71 41.9 33.8 50.8

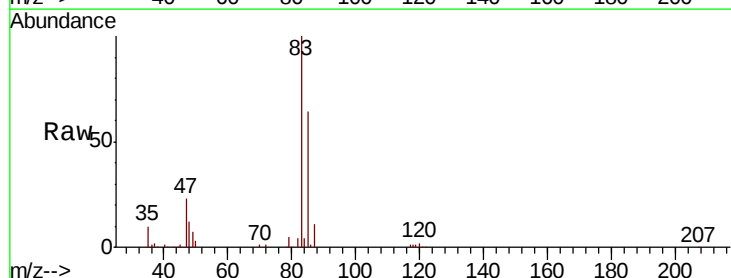


Abundance Ion 42.00 (41.70 to 42.70): VW  
Ion 72.00 (71.70 to 72.70): VW  
Ion 71.00 (70.70 to 71.70): VW

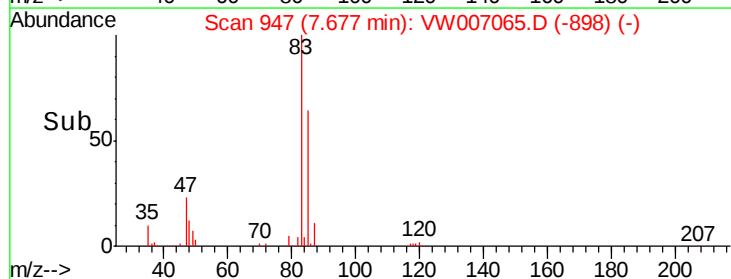
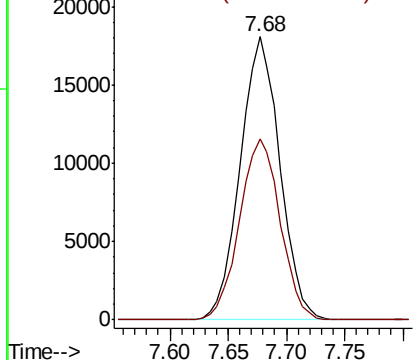


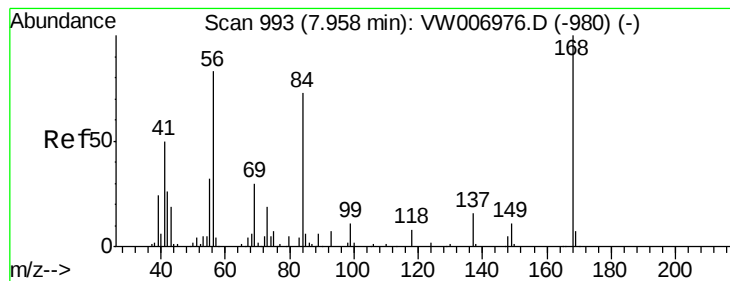
#30  
Chloroform  
Concen: 23.148 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Tgt Ion: 83 Resp: 42862  
Ion Ratio Lower Upper  
83 100  
85 63.8 50.9 76.3



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





#31

Cyclohexane

Concen: 22.825 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

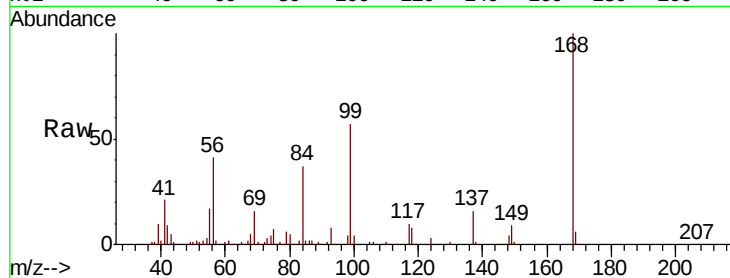
Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :  
MSVOA\_W  
ClientSampled :

Tot Ion: 56 Resp: 42196

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 38.5  | 29.1  | 43.7  |
| 84  | 91.4  | 70.6  | 105.8 |

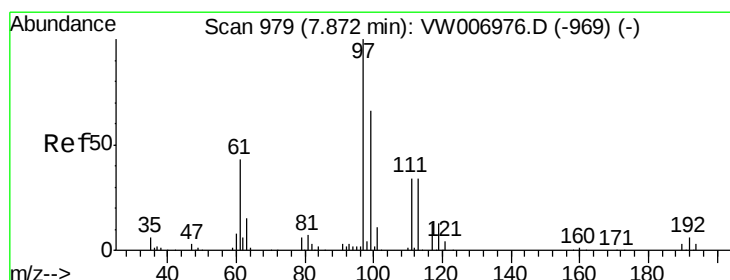
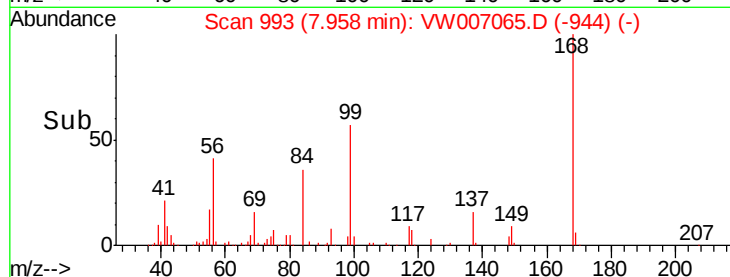
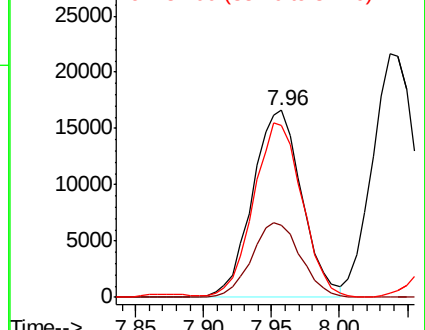


Abundance

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: 23.783 ug/l

RT: 7.87 min Scan# 979

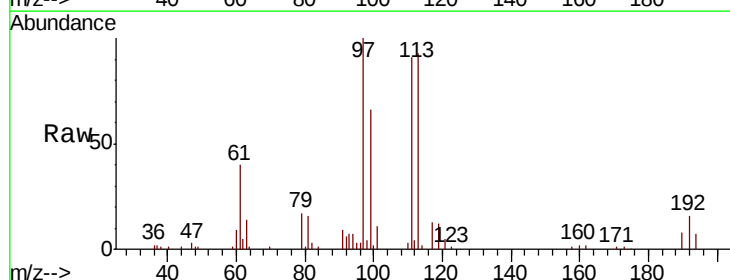
Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Tgt Ion: 97 Resp: 39666

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 66.0  | 51.9  | 77.9  |
| 61  | 41.3  | 33.4  | 50.2  |

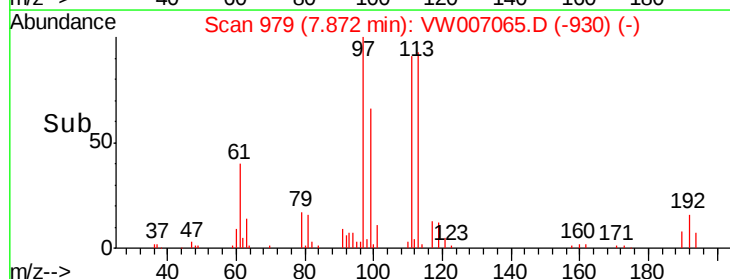
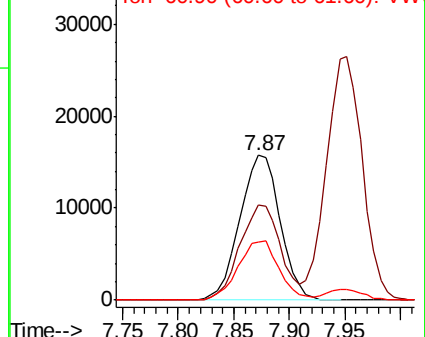


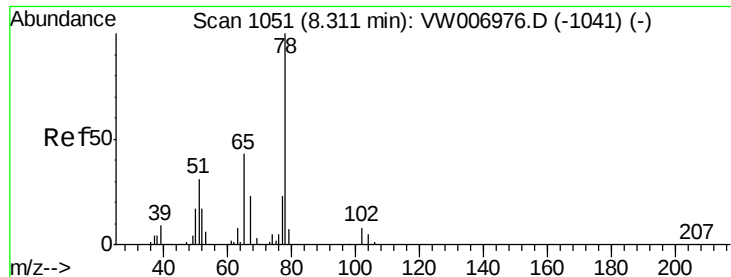
Abundance

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

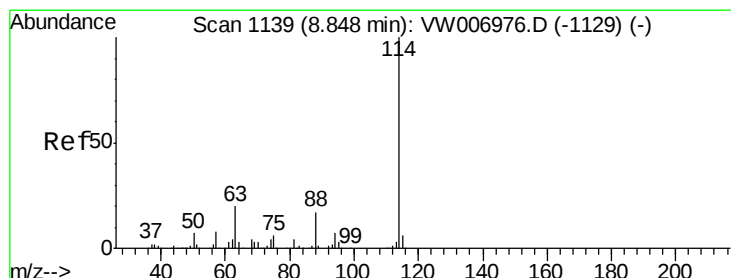
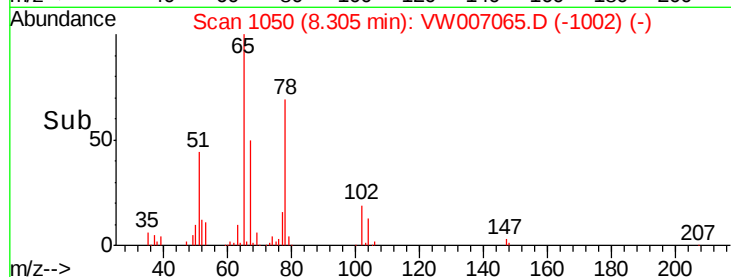
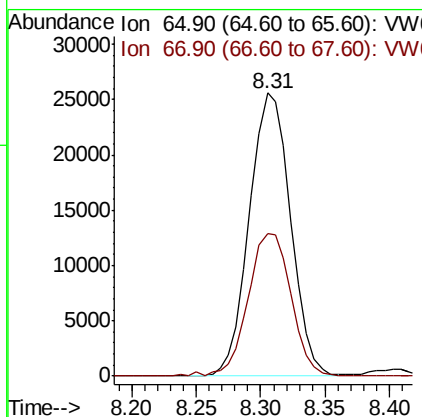
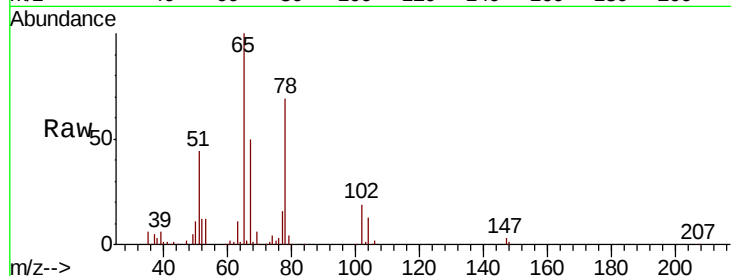




#33  
 1,2-Dichloroethane-d4  
 Concen: 59.070 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

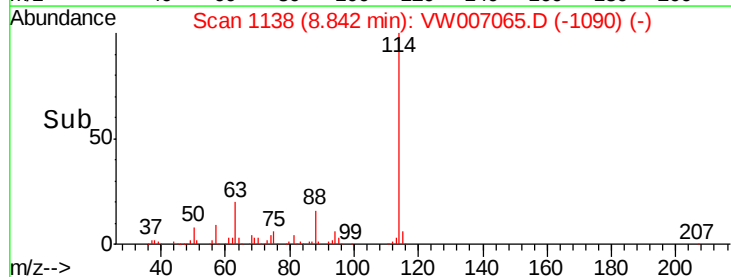
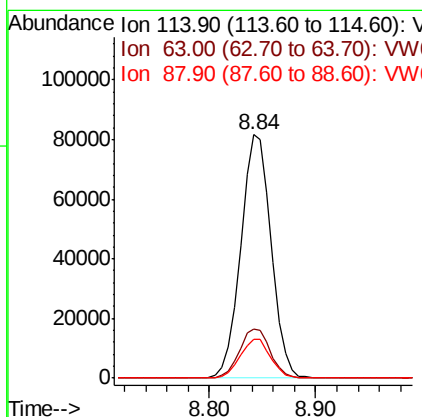
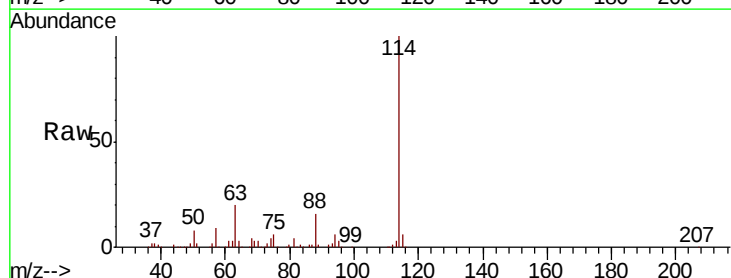
Instrument :  
 MSVOA\_W  
 ClientSampled :

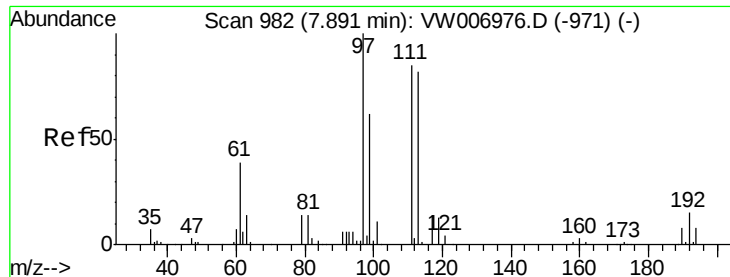
Tot Ion: 65 Resp: 56701  
 Ion Ratio Lower Upper  
 65 100  
 67 52.5 0.0 106.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.01 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Tgt Ion: 114 Resp: 163124  
 Ion Ratio Lower Upper  
 114 100  
 63 20.0 0.0 39.4  
 88 16.1 0.0 34.2

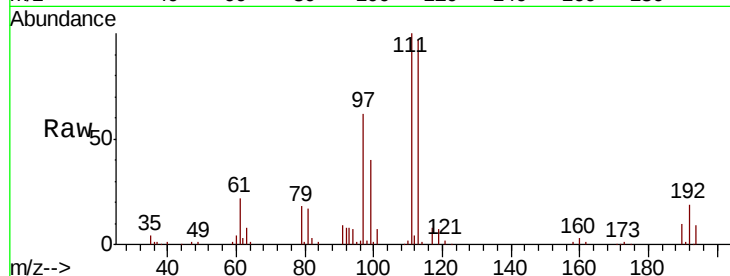




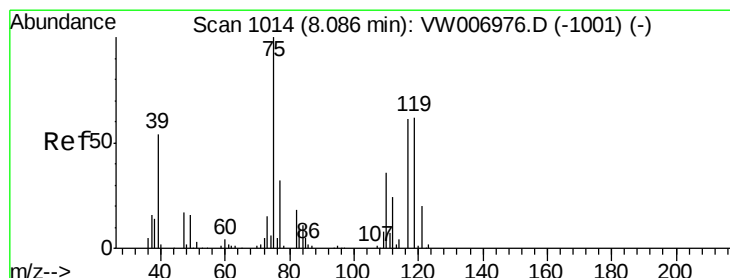
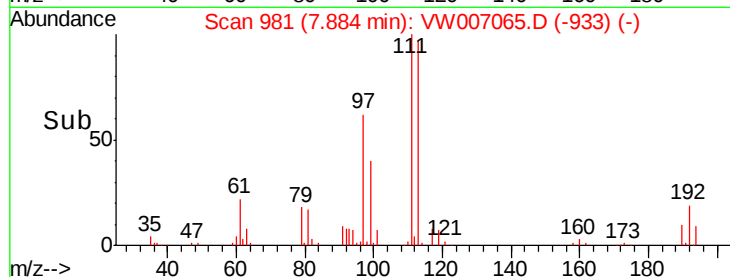
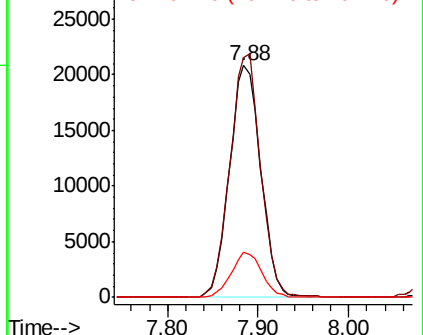
#35  
 Dibromofluoromethane  
 Concen: 54.318 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.01 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Instrument :  
 MSVOA\_W  
 ClientSampled :

Tot Ion:113 Resp: 50038  
 Ion Ratio Lower Upper  
 113 100  
 111 102.3 81.0 121.6  
 192 18.7 15.0 22.6

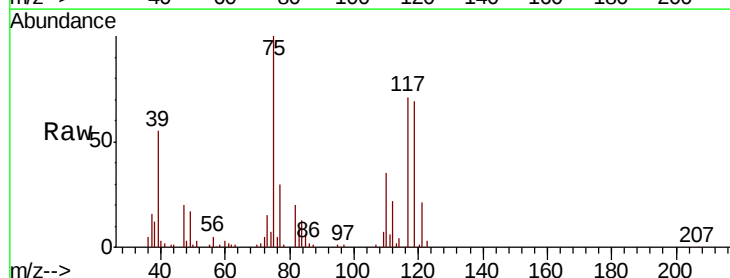


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

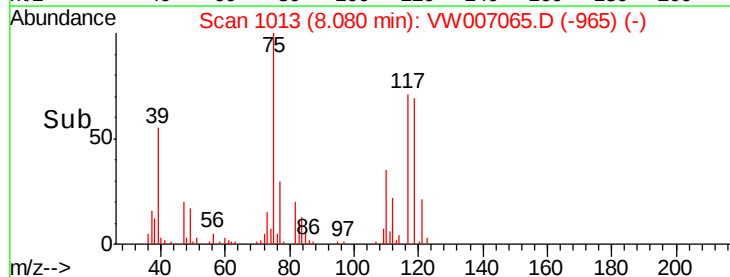
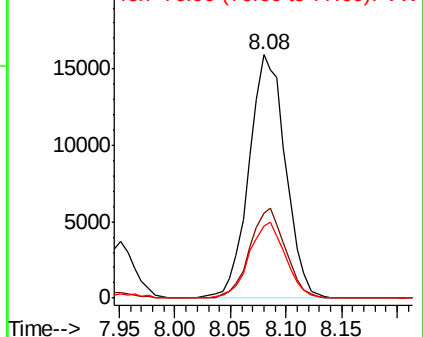


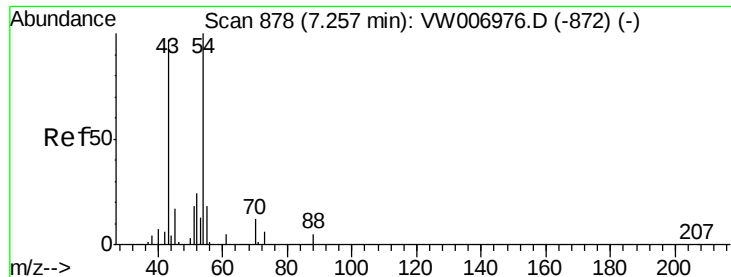
#36  
 1,1-Dichloropropene  
 Concen: 22.908 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. -0.01 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Tgt Ion: 75 Resp: 36517  
 Ion Ratio Lower Upper  
 75 100  
 110 35.6 18.0 54.0  
 77 30.9 24.9 37.3



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

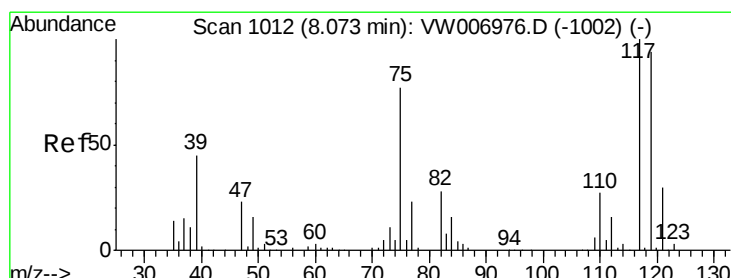
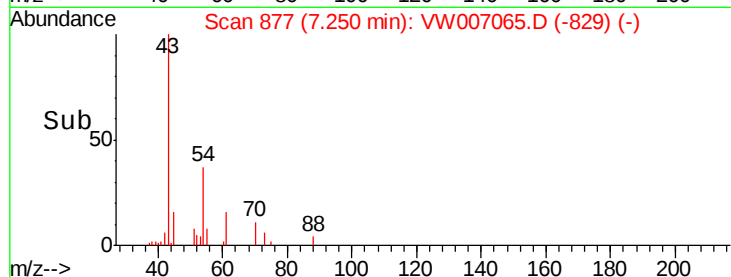
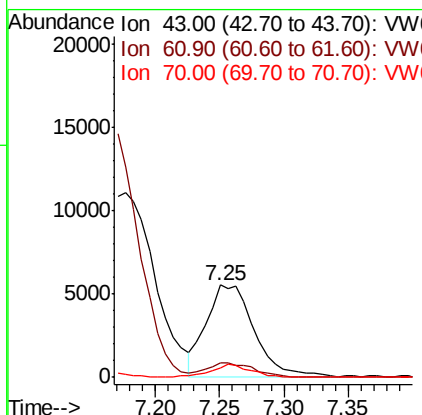
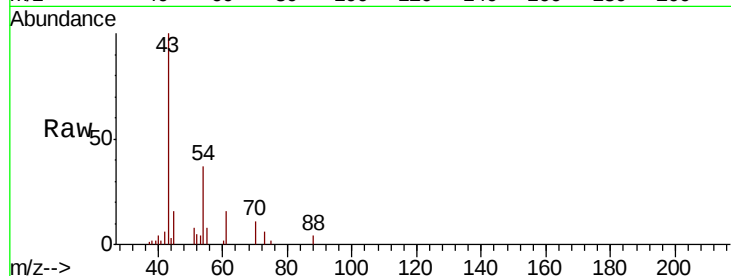




#37  
Ethyl Acetate  
Concen: 25.278 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

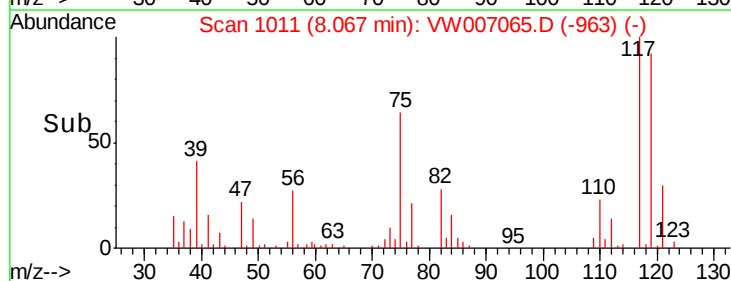
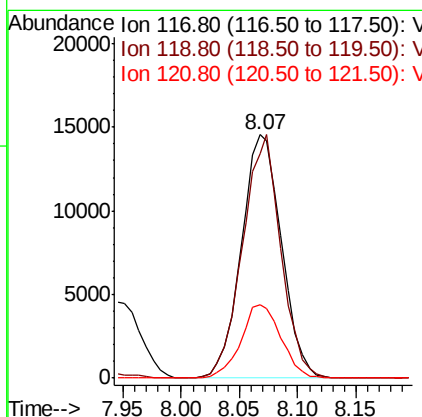
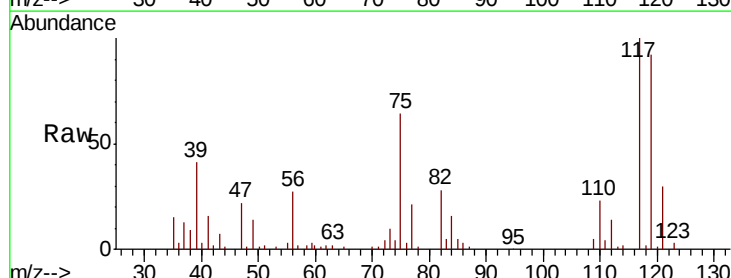
Instrument :  
MSVOA\_W  
ClientSampleId :

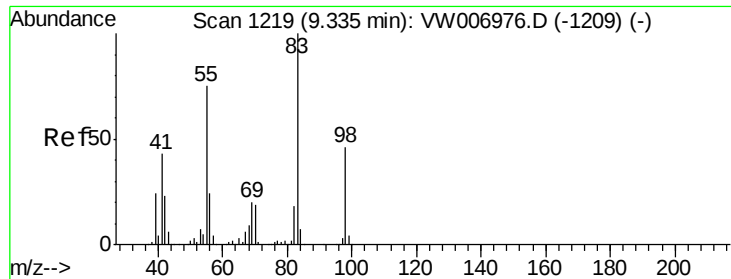
Tot Ion: 43 Resp: 14602  
Ion Ratio Lower Upper  
43 100  
61 15.1 10.4 15.6  
70 11.8 8.8 13.2



#38  
Carbon Tetrachloride  
Concen: 22.901 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Tgt Ion: 117 Resp: 34957  
Ion Ratio Lower Upper  
117 100  
119 92.4 74.9 112.3  
121 30.2 23.6 35.4

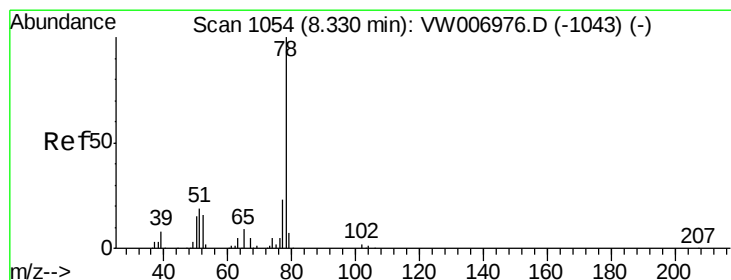
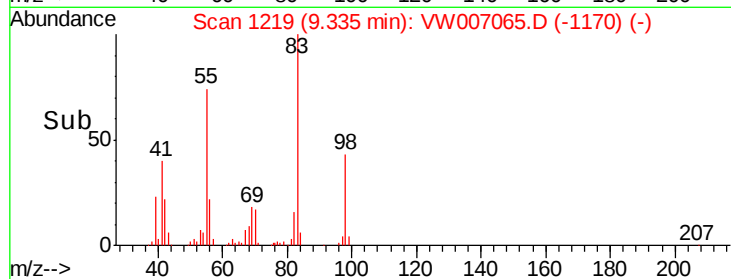
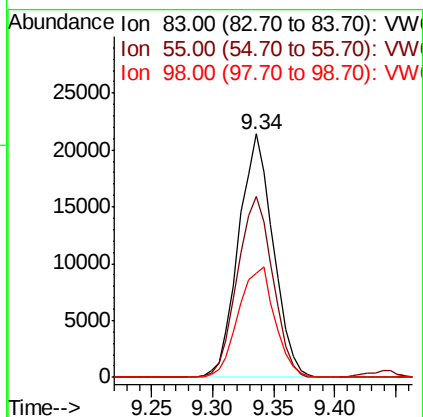
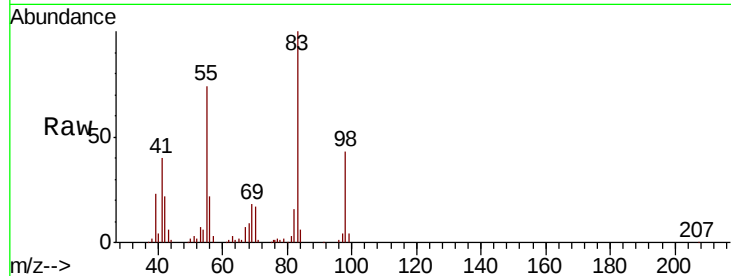




#39  
Methvlcvclohexane  
Concen: 21.106 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

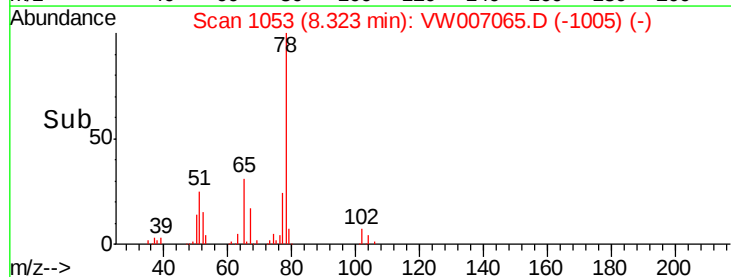
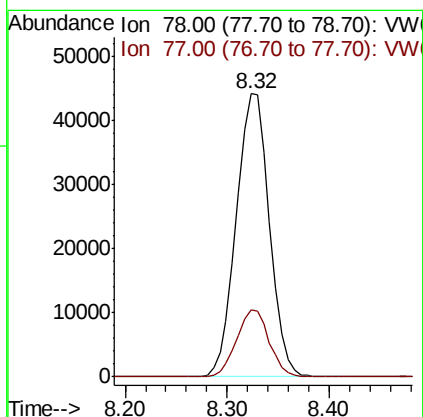
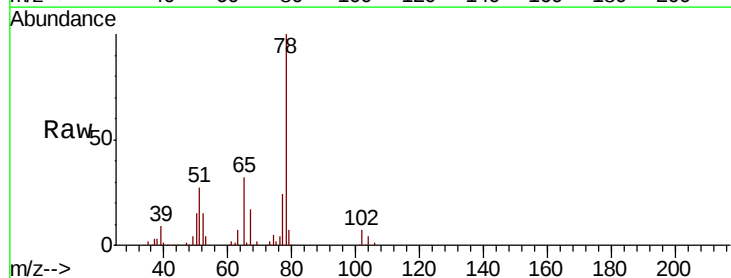
Instrument :  
MSVOA\_W  
ClientSampled :

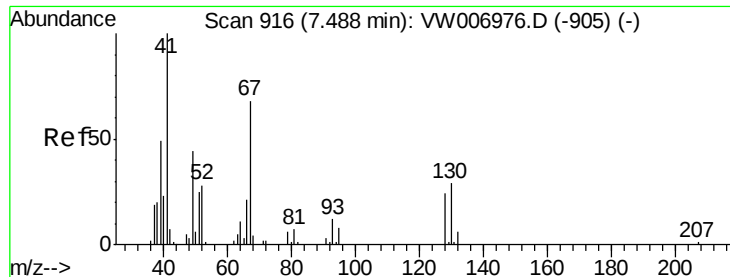
Tot Ion: 83 Resp: 42102  
Ion Ratio Lower Upper  
83 100  
55 74.3 59.6 89.4  
98 42.7 37.1 55.7



#40  
Benzene  
Concen: 23.106 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Tgt Ion: 78 Resp: 99423  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.6 28.0

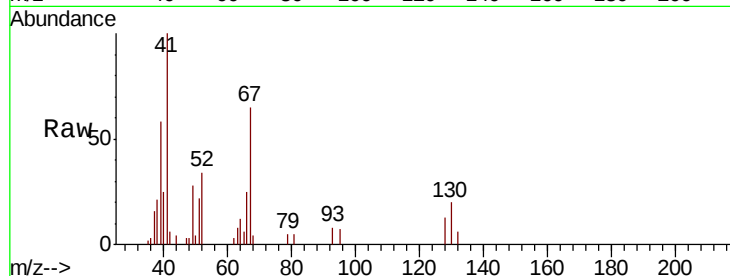




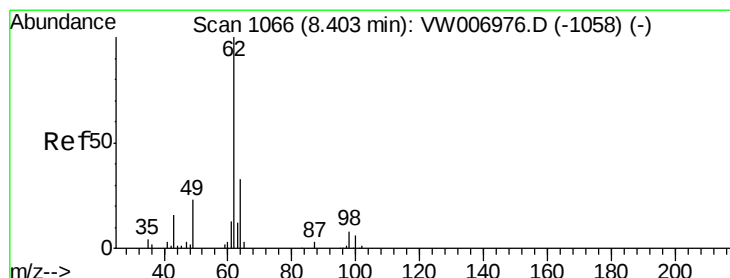
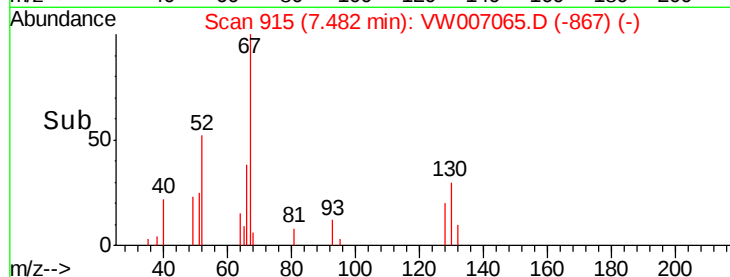
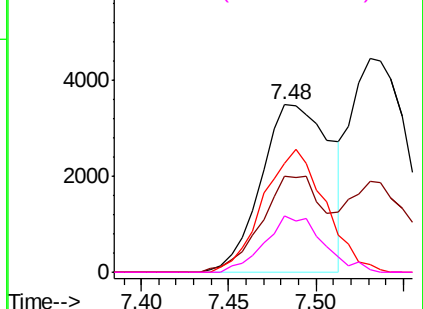
#41  
Methacrylonitrile  
Concen: 27.009 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. -0.01 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Instrument :  
MSVOA\_W  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 9689  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 49.1  | 48.6  | 73.0  |
| 67       | 65.6  | 59.8  | 89.8  |
| 52       | 28.2  | 24.8  | 37.2  |

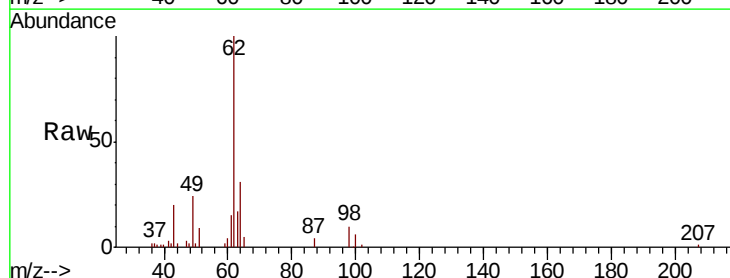


Abundance Ion 41.00 (40.70 to 41.70): VW  
Ion 39.00 (38.70 to 39.70): VW  
Ion 67.00 (66.70 to 67.70): VW  
Ion 52.00 (51.70 to 52.70): VW

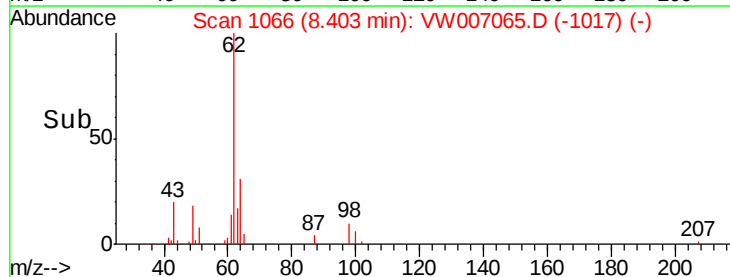
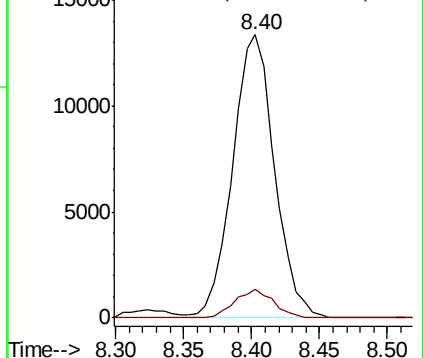


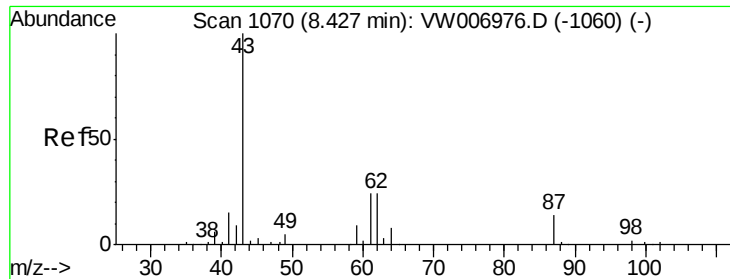
#42  
1,2-Dichloroethane  
Concen: 22.949 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 28669 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.2   | 0.0   | 18.6  |



Abundance Ion 61.90 (61.60 to 62.60): VW  
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 25.592 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

ClientSampleId :

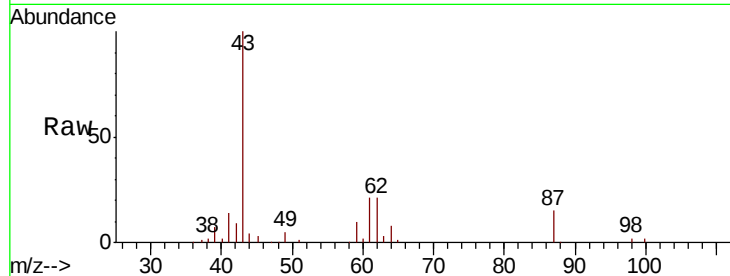
Tot Ion: 43 Resp: 28172

Ion Ratio Lower Upper

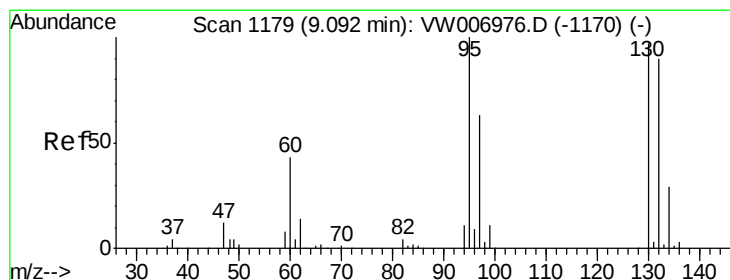
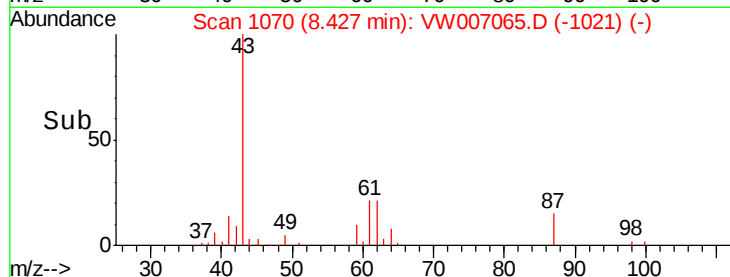
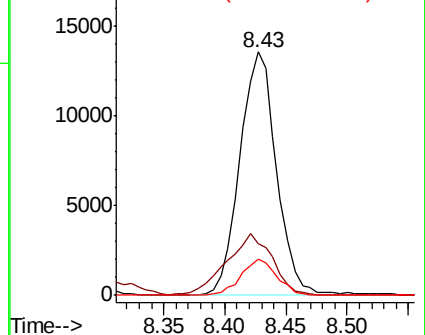
43 100

61 31.8 26.1 39.1

87 14.5 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VW  
Ion 61.00 (60.70 to 61.70): VW  
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 24.117 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007065.D

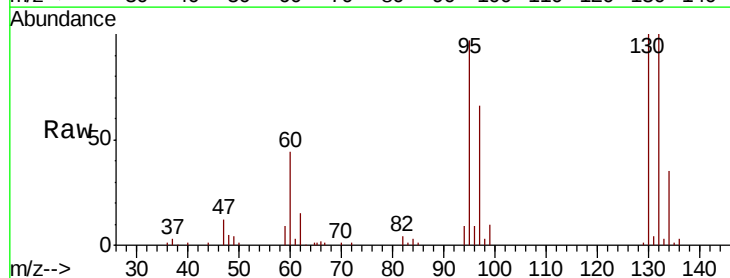
Acq: 27 Nov 2018 00:54

Tgt Ion: 130 Resp: 29091

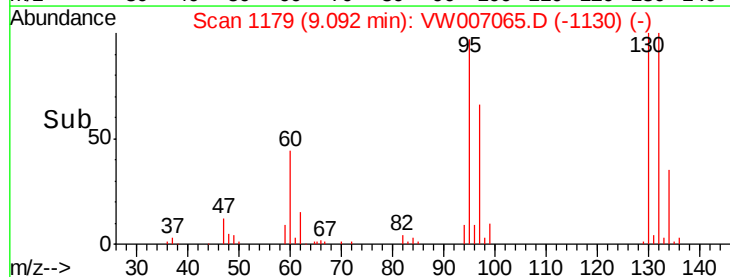
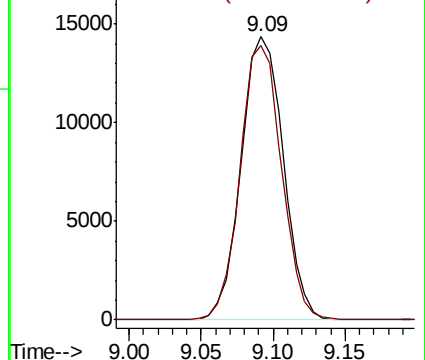
Ion Ratio Lower Upper

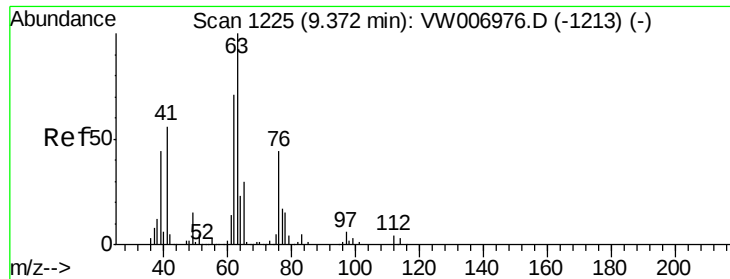
130 100

95 97.0 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VW

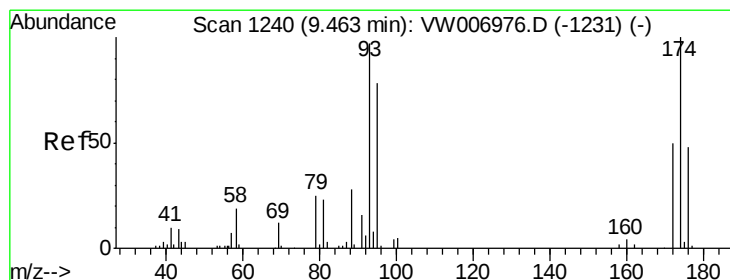
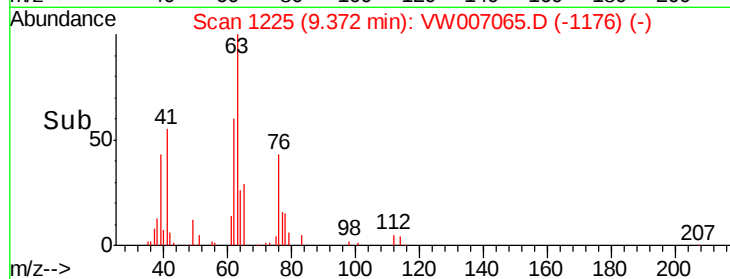
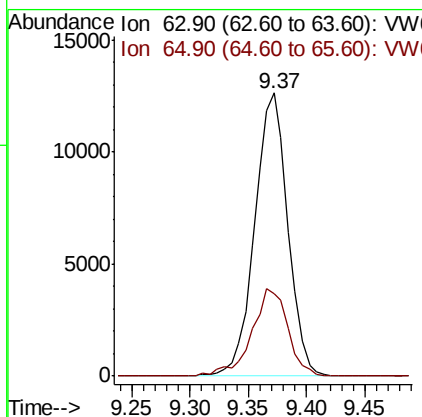
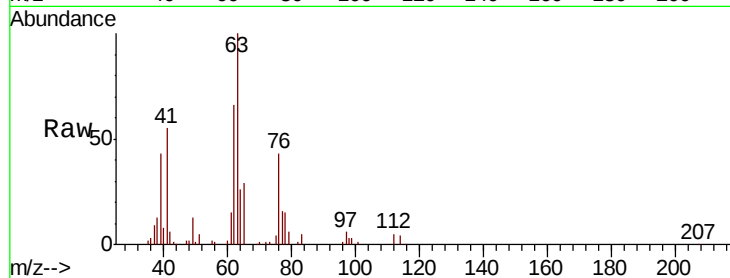




#45  
 1,2-Dichloropropane  
 Concen: 23.546 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. -0.00 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

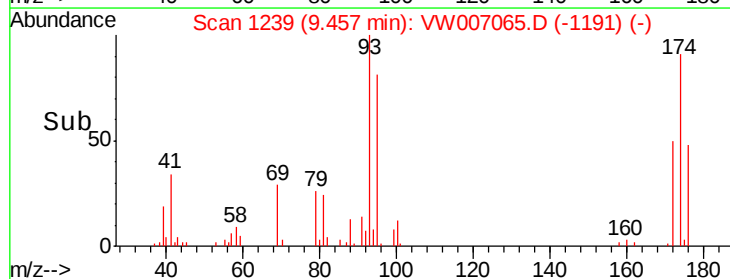
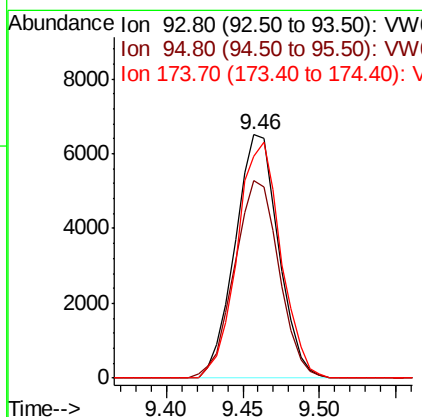
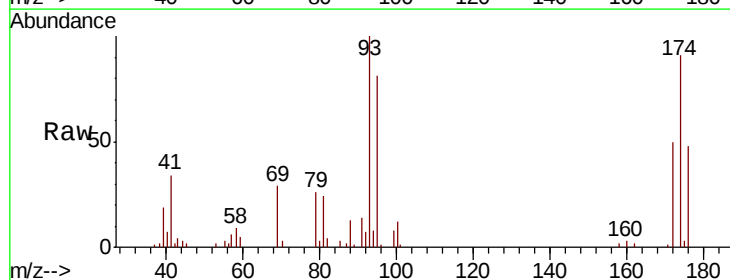
Instrument :  
 MSVOA\_W  
 ClientSampleId :

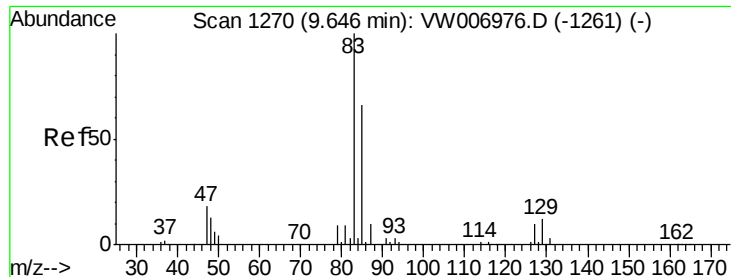
Tot Ion: 63 Resp: 24975  
 Ion Ratio Lower Upper  
 63 100  
 65 29.3 24.4 36.6



#46  
 Dibromomethane  
 Concen: 24.229 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.01 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Tgt Ion: 93 Resp: 12870  
 Ion Ratio Lower Upper  
 93 100  
 95 83.1 66.1 99.1  
 174 96.8 79.7 119.5





#47

Bromodichloromethane

Concen: 23.981 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

ClientSampled :

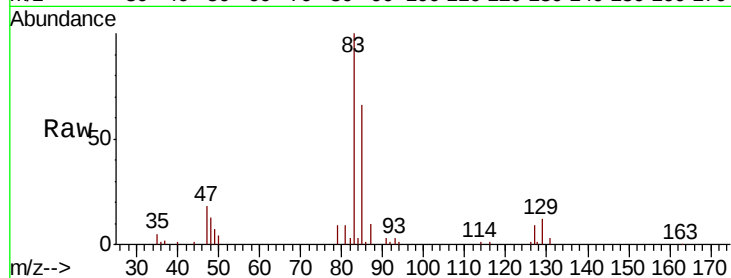
Tot Ion: 83 Resp: 33561

Ion Ratio Lower Upper

83 100

85 65.7 52.9 79.3

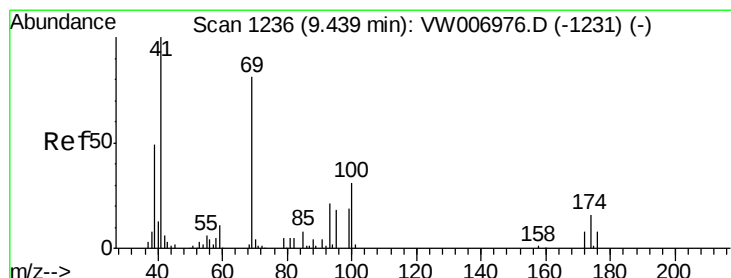
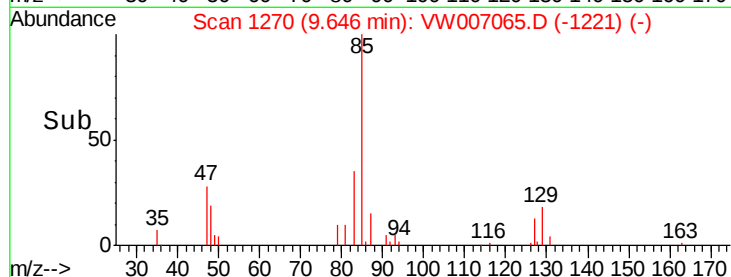
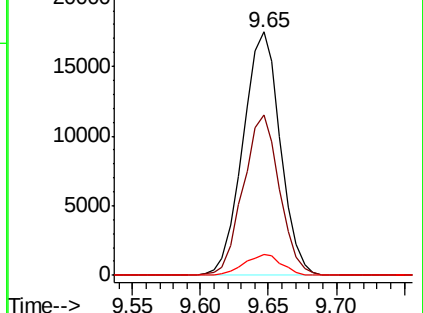
127 8.7 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 24.313 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

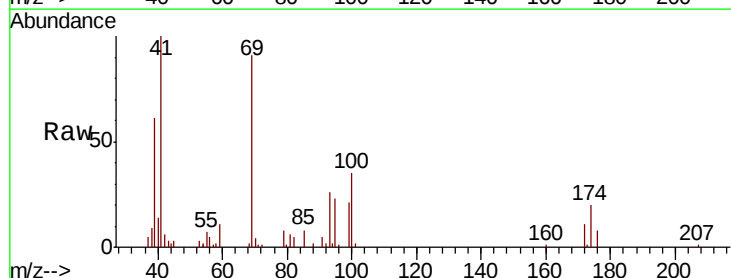
Tgt Ion: 41 Resp: 12905

Ion Ratio Lower Upper

41 100

69 93.8 71.4 107.0

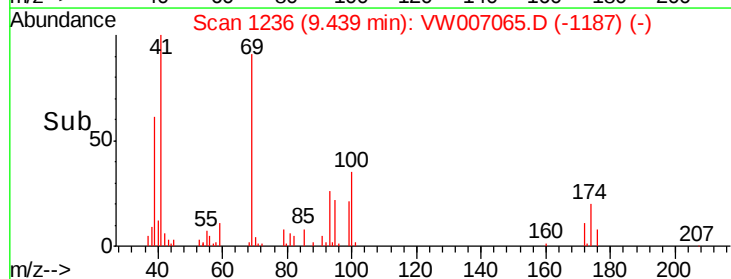
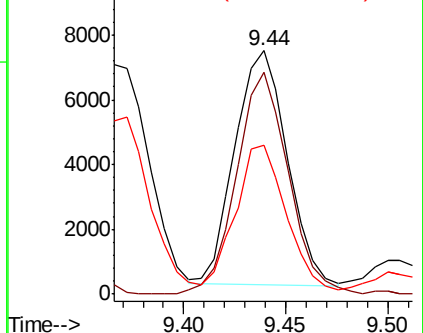
39 58.8 44.8 67.2

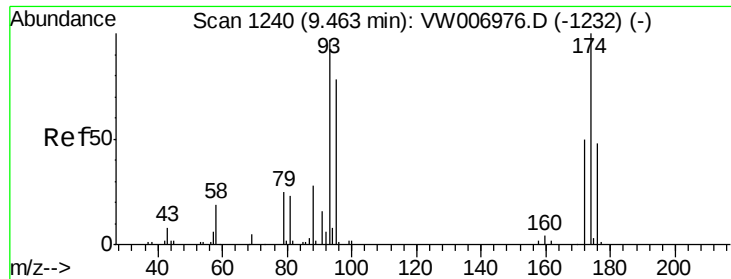


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 489.804 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :  
MSVOA\_W  
ClientSampled :

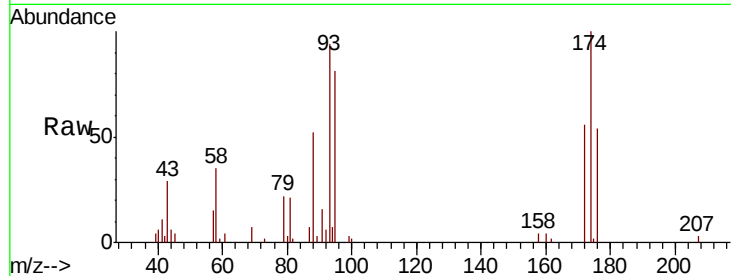
Tot Ion: 88 Resp: 3867

Ion Ratio Lower Upper

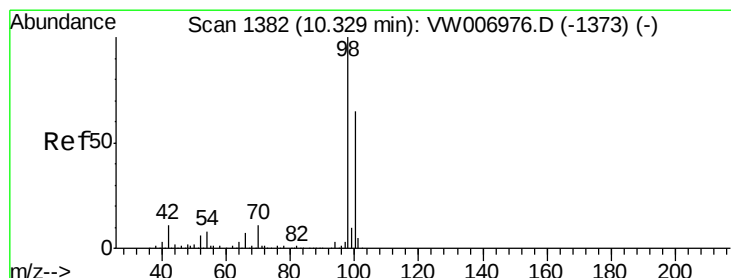
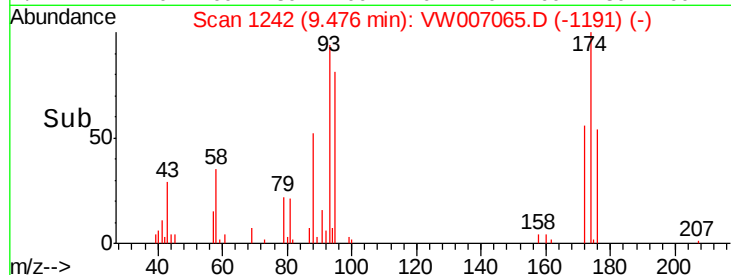
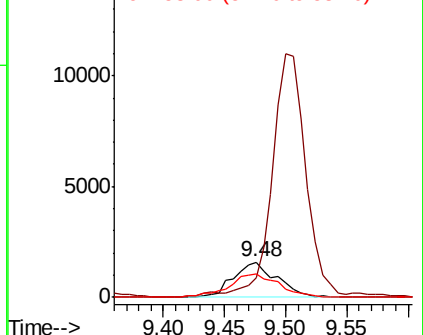
88 100

43 0.0 0.0 0.0

58 77.1 59.0 88.6



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: 51.628 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007065.D

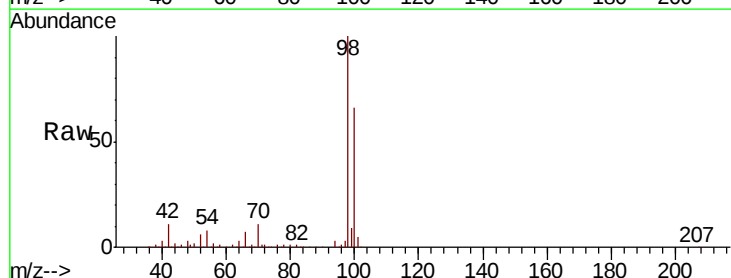
Acq: 27 Nov 2018 00:54

Tgt Ion: 98 Resp: 210017

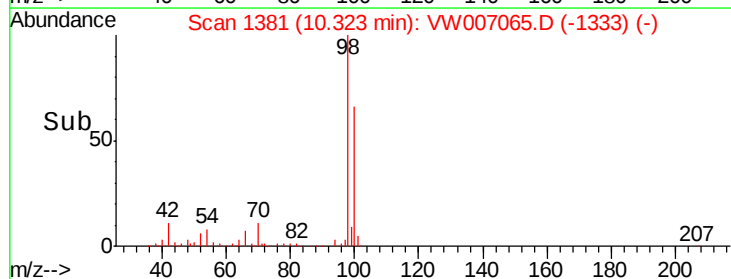
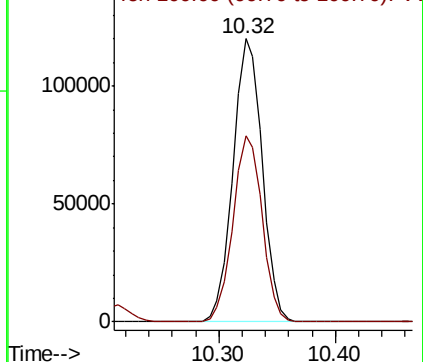
Ion Ratio Lower Upper

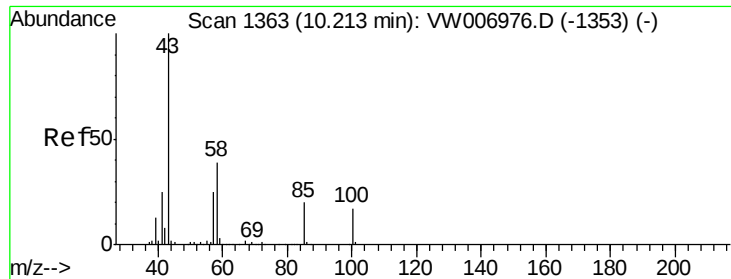
98 100

100 65.8 52.2 78.2



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: 122.867 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

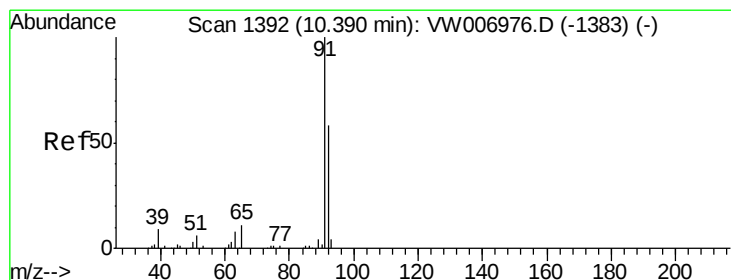
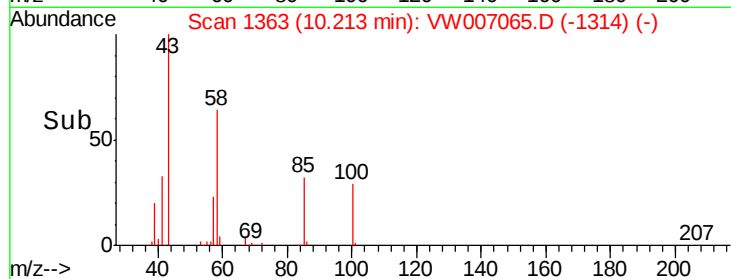
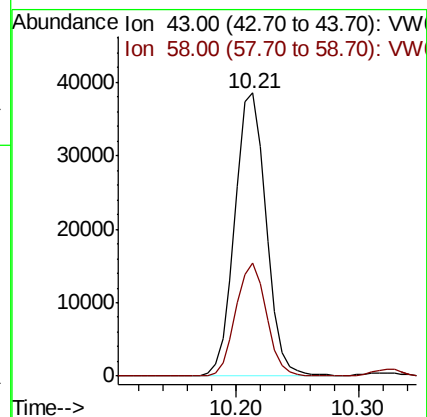
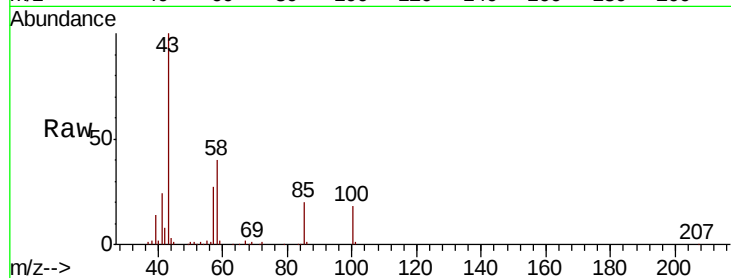
ClientSampleId :

Tot Ion: 43 Resp: 68350

Ion Ratio Lower Upper

43 100

58 39.2 31.8 47.6



#52

Toluene

Concen: 22.109 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007065.D

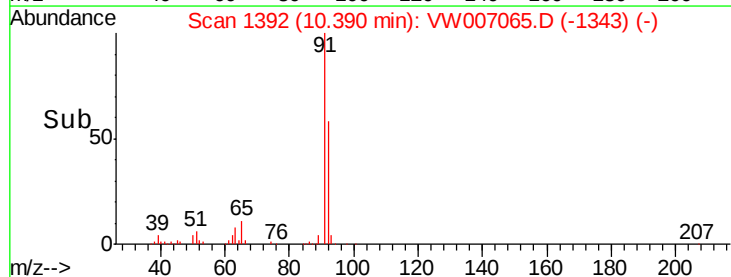
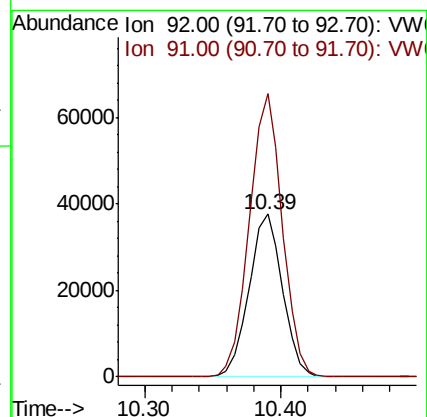
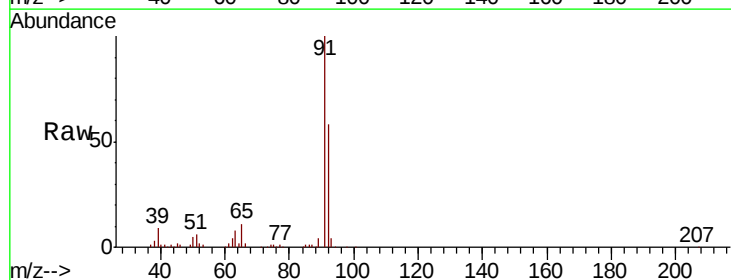
Acq: 27 Nov 2018 00:54

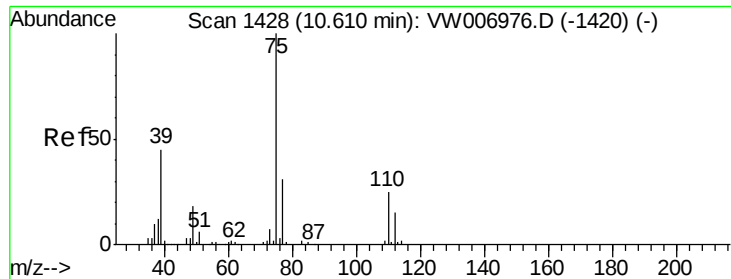
Tgt Ion: 92 Resp: 64744

Ion Ratio Lower Upper

92 100

91 171.5 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 24.053 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

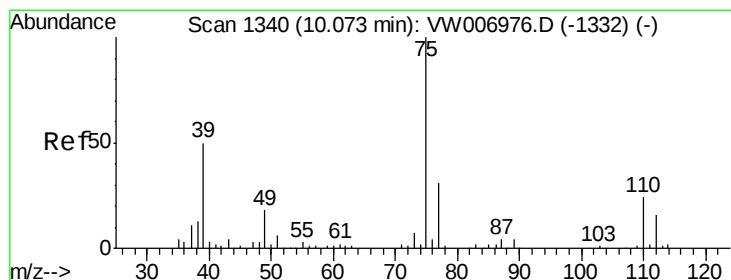
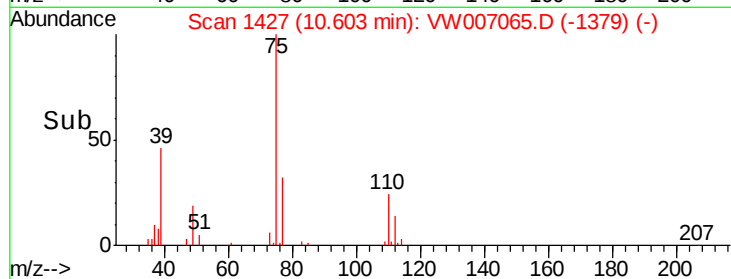
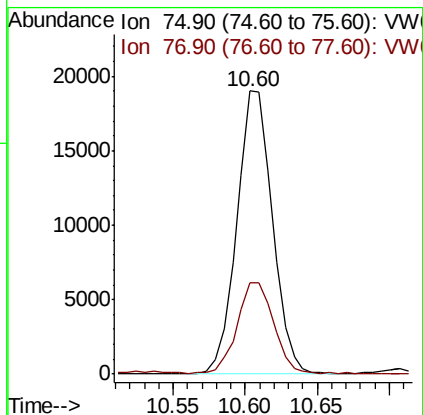
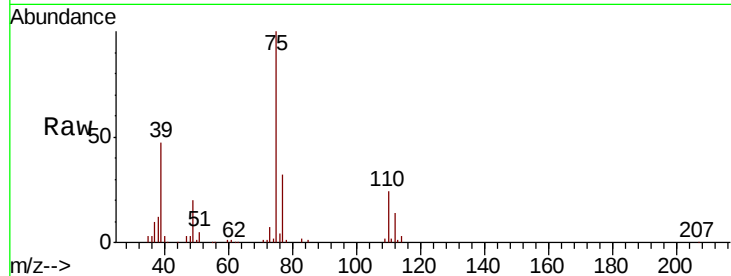
ClientSampleId :

Tot Ion: 75 Resp: 32609

Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 23.906 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

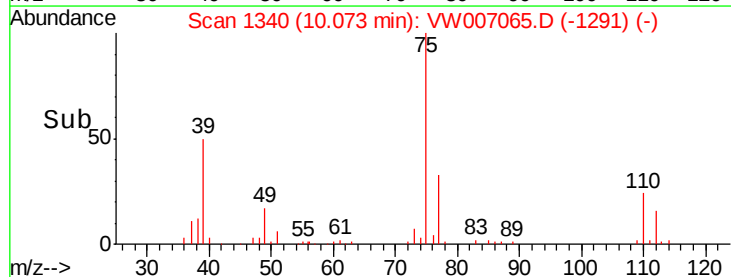
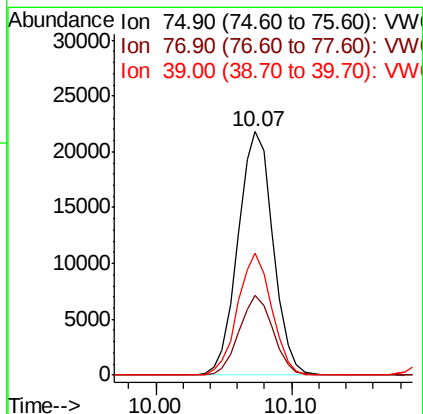
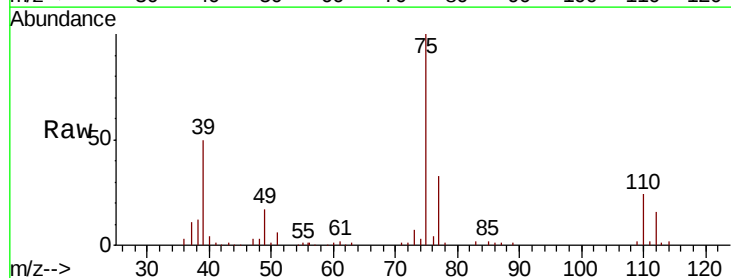
Tgt Ion: 75 Resp: 39155

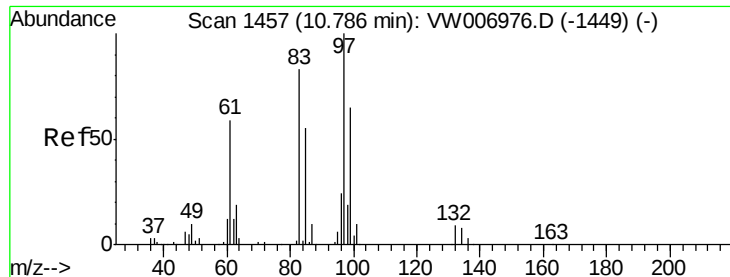
Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.6

39 50.2 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 24.481 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

ClientSampleId :

Tot Ion: 97 Resp: 19132

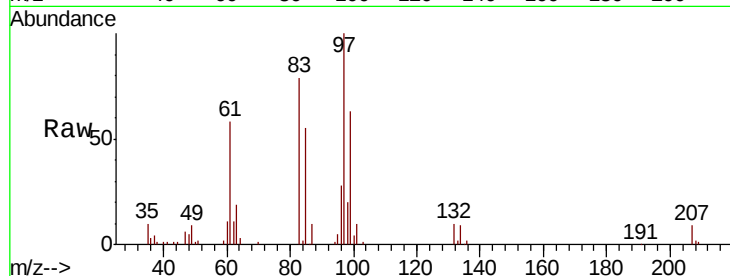
Ion Ratio Lower Upper

97 100

83 78.8 66.4 99.6

85 54.6 44.1 66.1

99 63.3 51.7 77.5

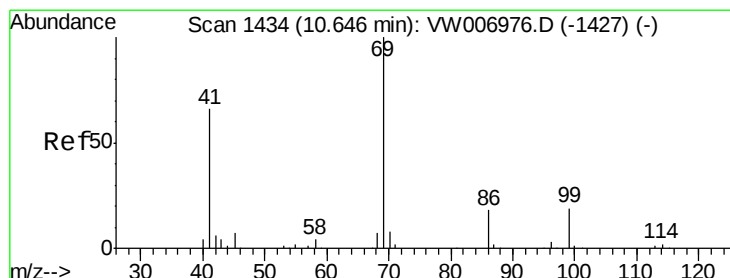
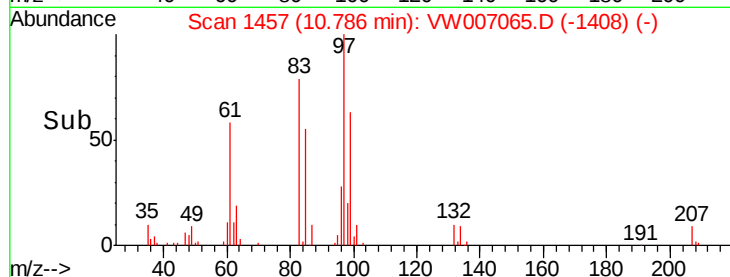
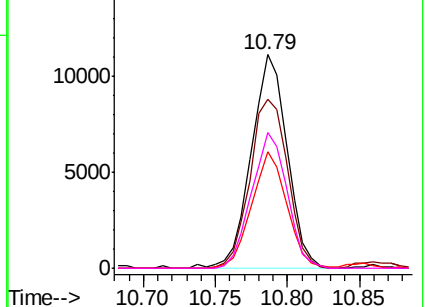


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 24.715 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

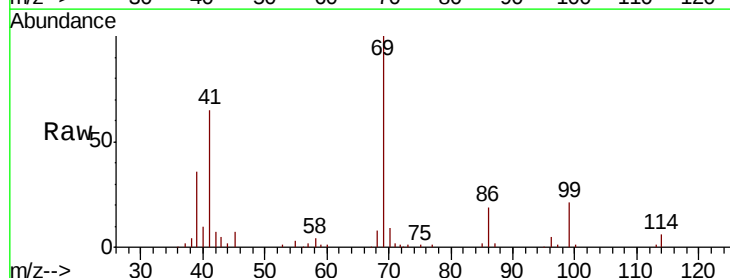
Tgt Ion: 69 Resp: 22420

Ion Ratio Lower Upper

69 100

41 66.7 53.4 80.0

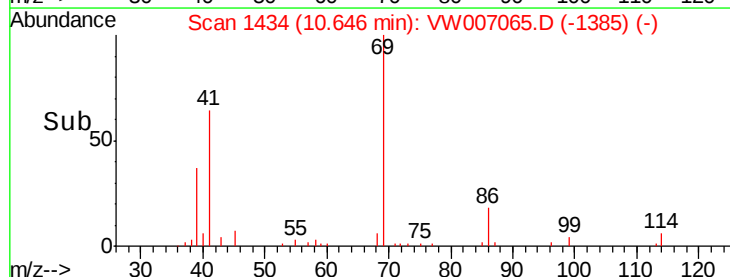
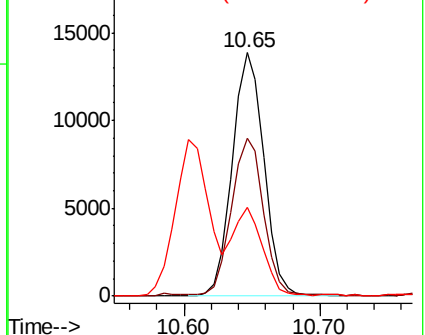
39 34.2 28.2 42.4

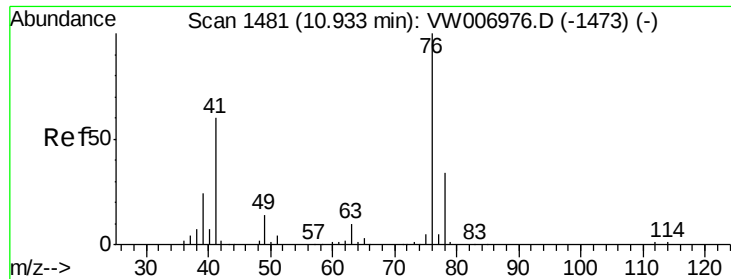


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

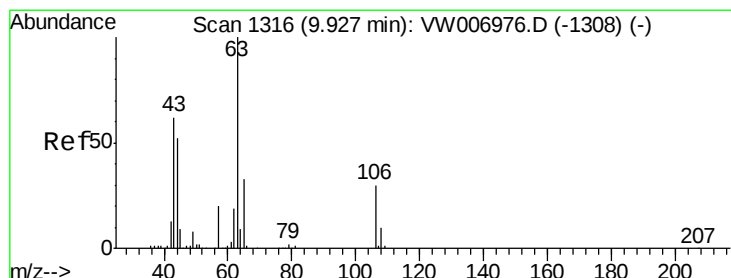
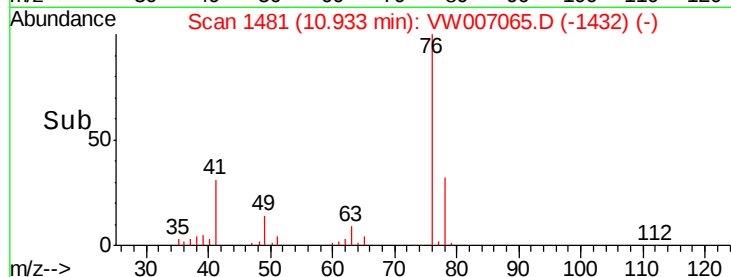
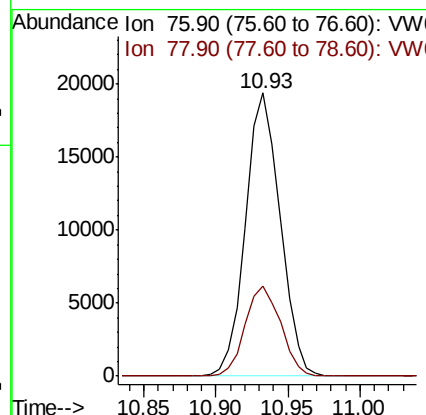
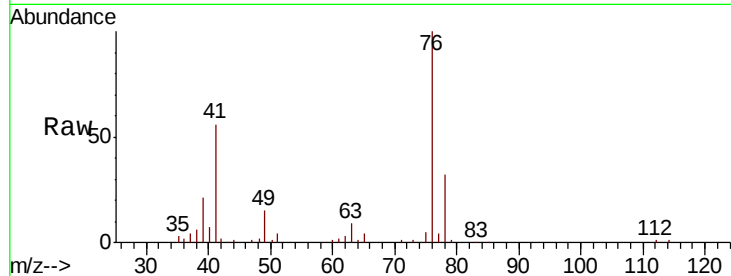




#57  
 1,3-Dichloropropane  
 Concen: 24.675 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

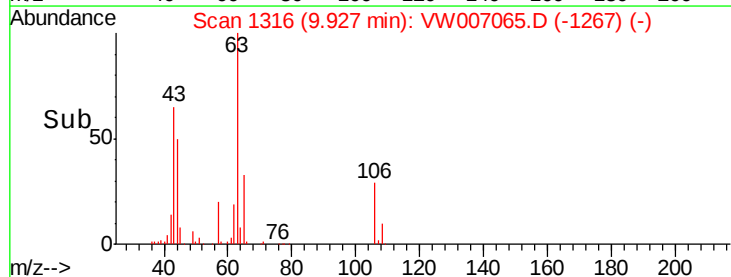
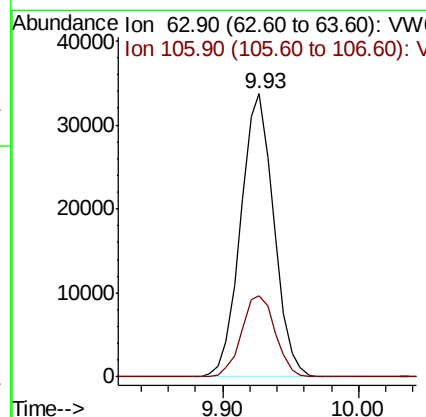
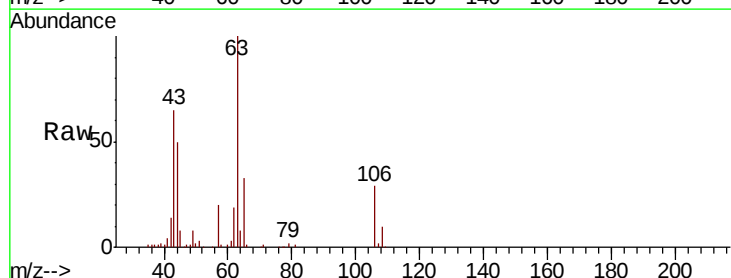
Instrument :  
 MSVOA\_W  
 ClientSampled :

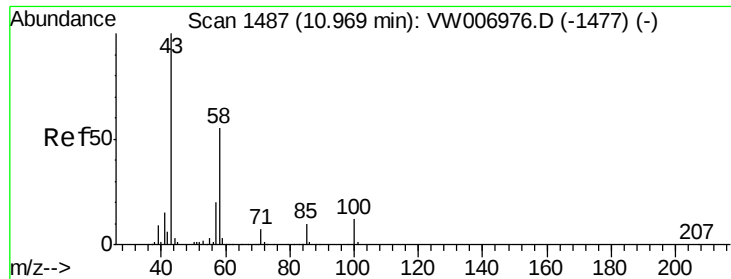
Tot Ion: 76 Resp: 32316  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 25.8 38.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 121.134 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Tgt Ion: 63 Resp: 57422  
 Ion Ratio Lower Upper  
 63 100  
 106 29.3 23.5 35.3

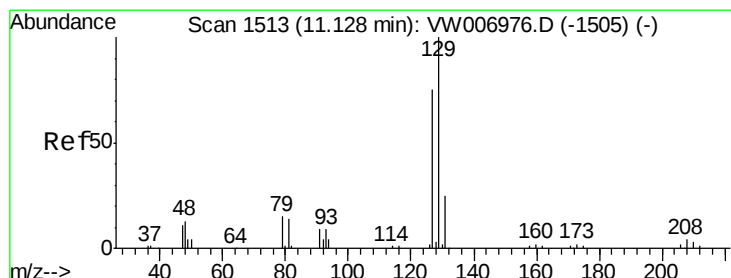
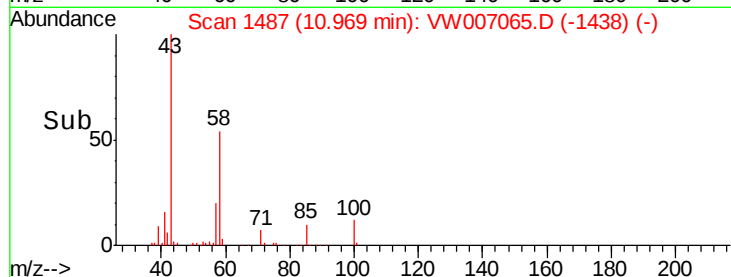
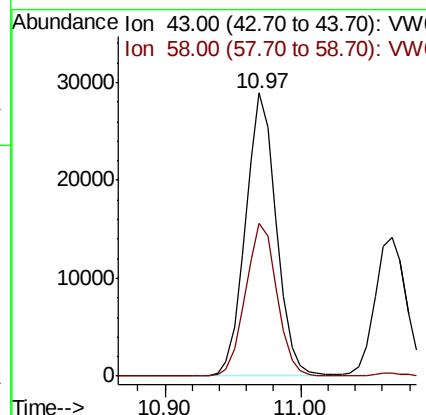
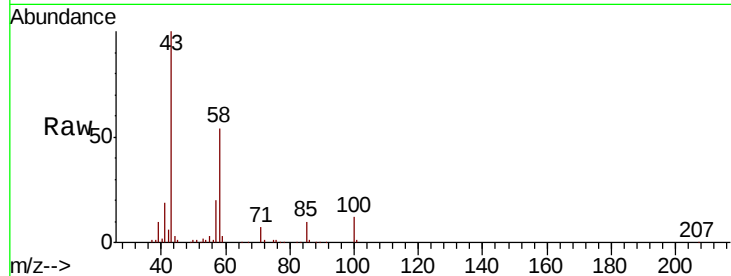




#59  
2-Hexanone  
Concen: 120.595 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

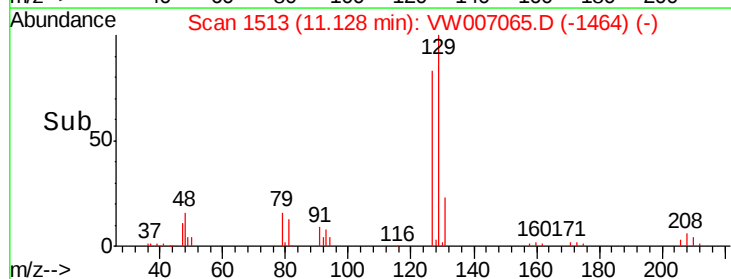
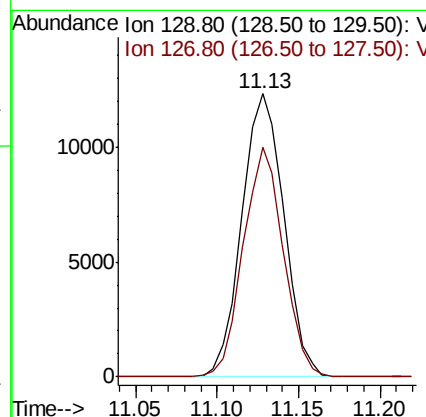
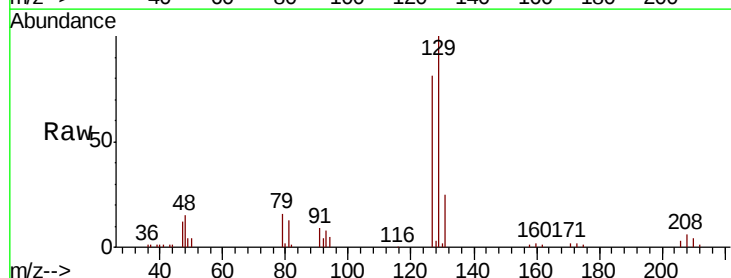
Instrument :  
MSVOA\_W  
ClientSampleId :

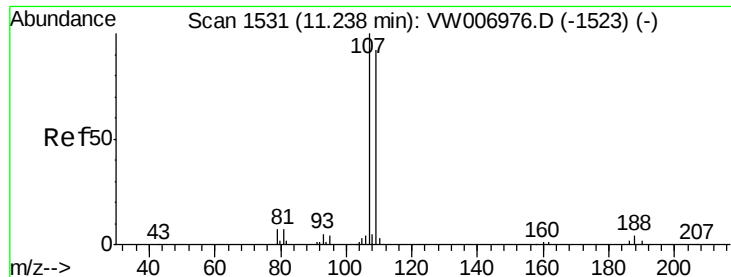
Tot Ion: 43 Resp: 45940  
Ion Ratio Lower Upper  
43 100  
58 54.8 27.3 81.8



#60  
Dibromochloromethane  
Concen: 24.725 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Tgt Ion: 129 Resp: 22018  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.3 114.8

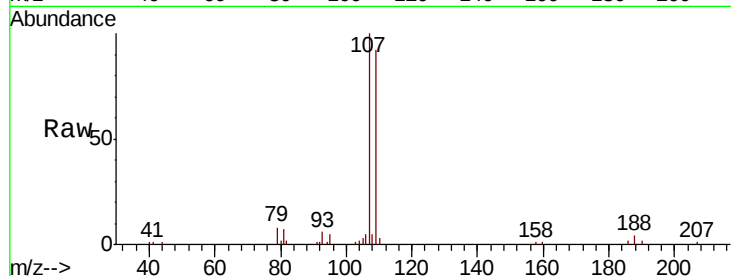




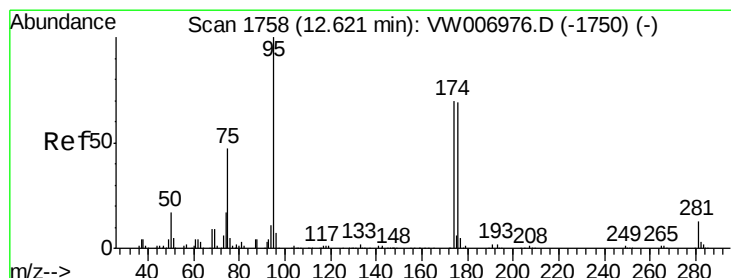
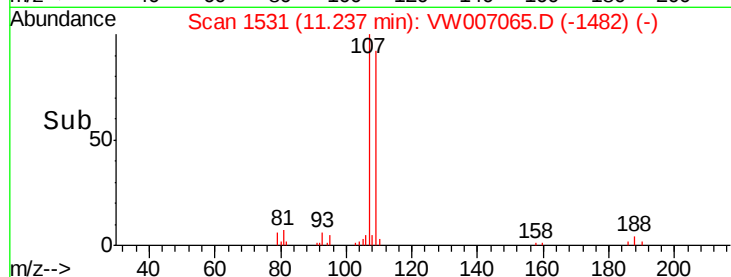
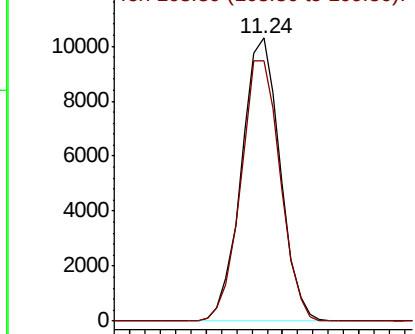
#61  
 1,2-Dibromoethane  
 Concen: 25.217 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. -0.00 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tot Ion:107 Resp: 18028  
 Ion Ratio Lower Upper  
 107 100  
 109 94.3 75.1 112.7

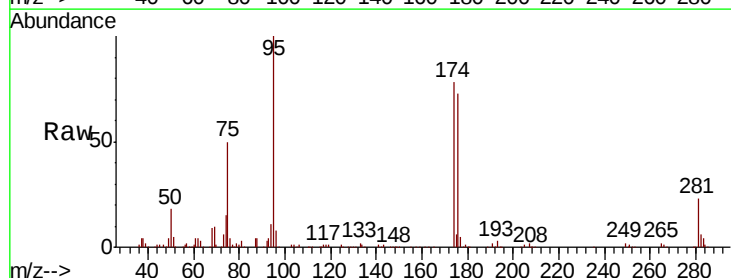


Abundance Ion 106.90 (106.60 to 107.60): V  
 Ion 108.80 (108.50 to 109.50): V

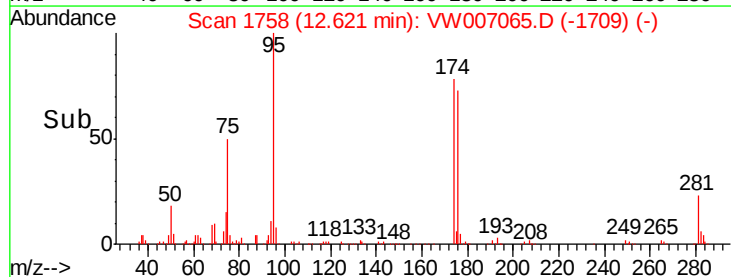
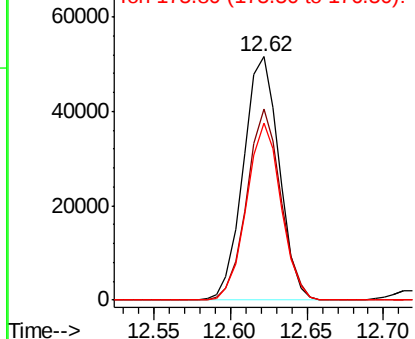


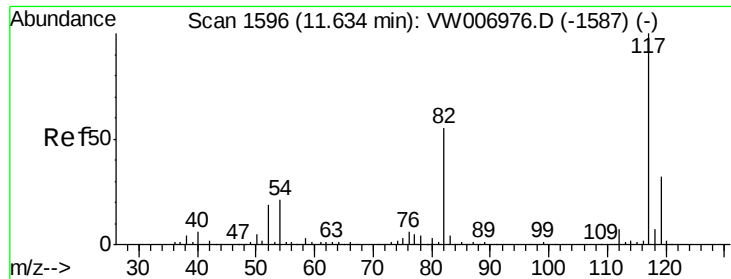
#62  
 4-Bromofluorobenzene  
 Concen: 52.411 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Tgt Ion: 95 Resp: 83899  
 Ion Ratio Lower Upper  
 95 100  
 174 74.8 0.0 143.6  
 176 70.3 0.0 140.4



Abundance Ion 94.90 (94.60 to 95.60): VW  
 Ion 173.80 (173.50 to 174.50): V  
 Ion 175.80 (175.50 to 176.50): V

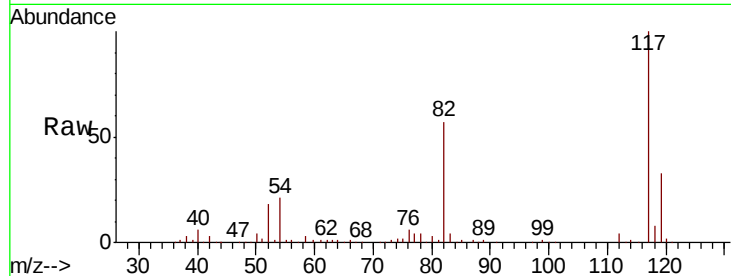




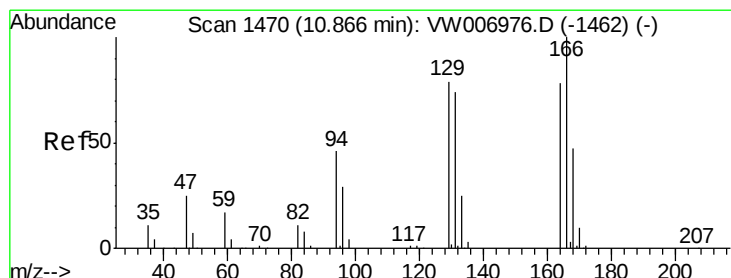
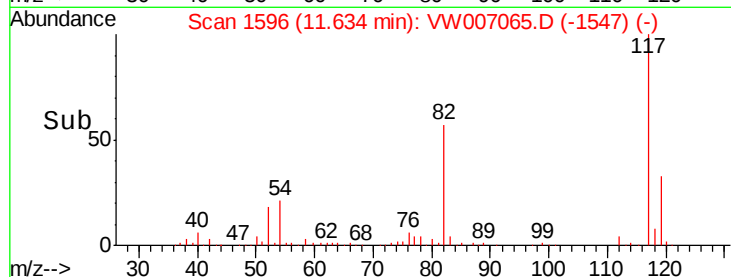
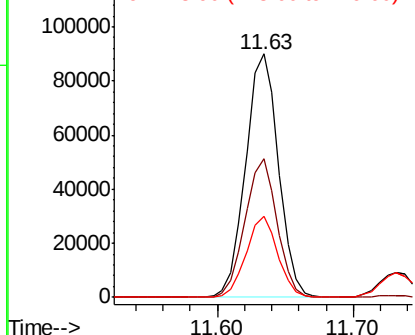
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Instrument :  
MSVOA\_W  
ClientSampleId :

Tot Ion:117 Resp: 152074  
Ion Ratio Lower Upper  
117 100  
82 56.8 44.2 66.2  
119 33.3 25.9 38.9

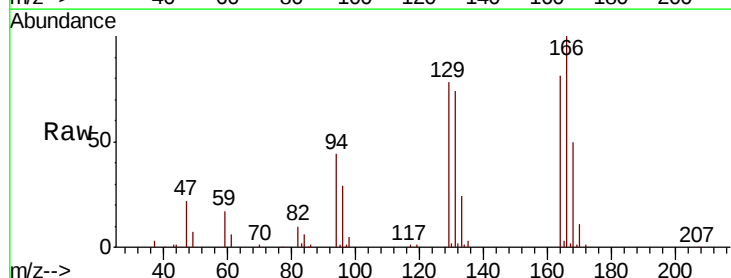


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

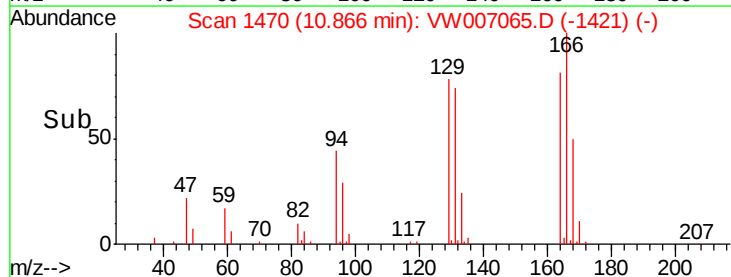
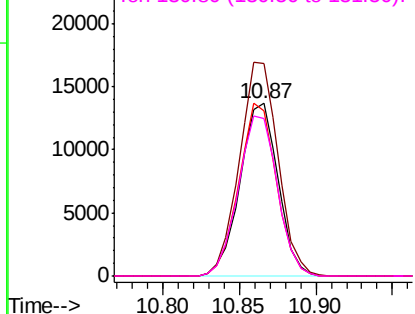


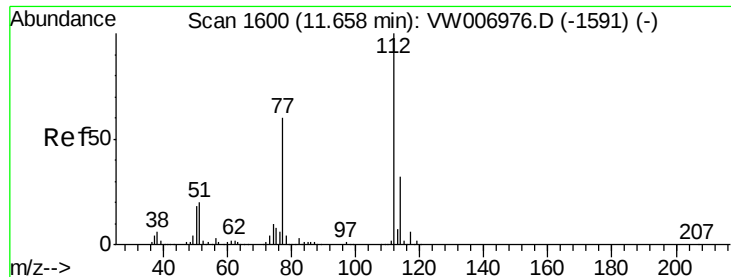
#64  
Tetrachloroethene  
Concen: 24.123 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Tgt Ion:164 Resp: 23600  
Ion Ratio Lower Upper  
164 100  
166 122.8 102.1 153.1  
129 95.7 80.4 120.6  
131 91.0 75.2 112.8



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

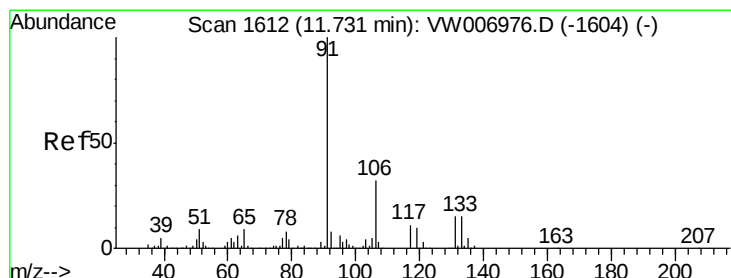
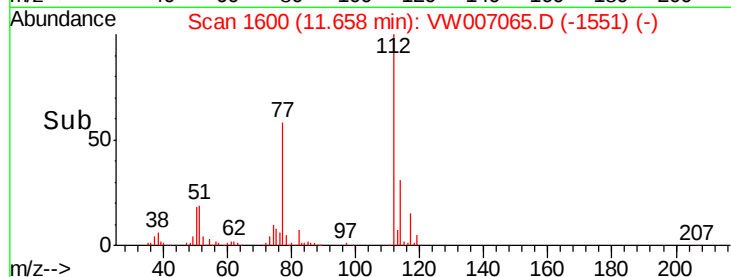
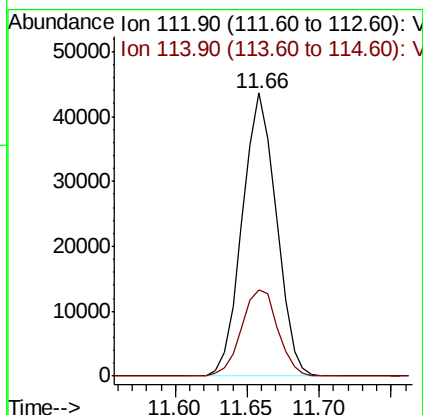
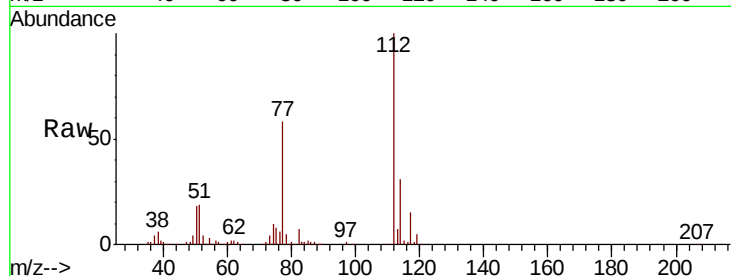




#65  
Chlorobenzene  
Concen: 22.557 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

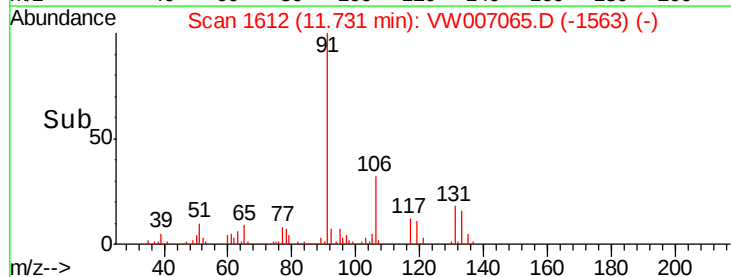
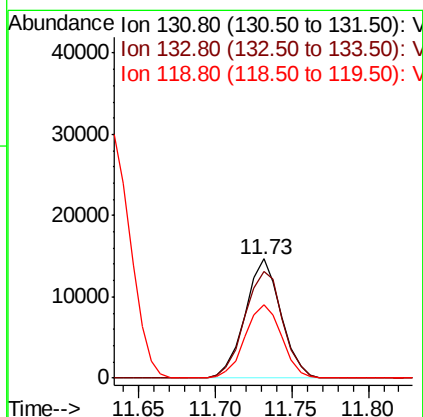
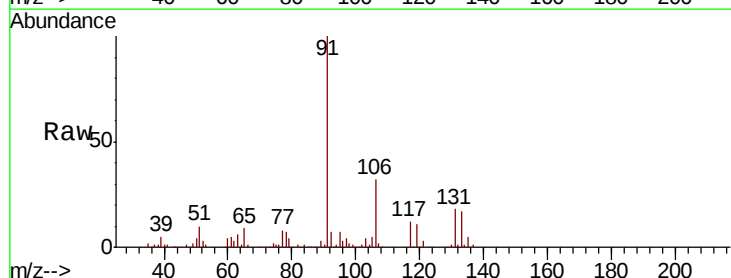
Instrument :  
MSVOA\_W  
ClientSampleId :

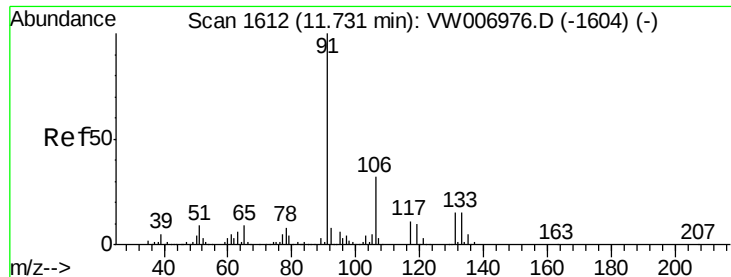
Tot Ion:112 Resp: 71596  
Ion Ratio Lower Upper  
112 100  
114 30.6 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 24.786 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Tgt Ion:131 Resp: 23799  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.7 143.1  
119 63.8 31.8 95.3

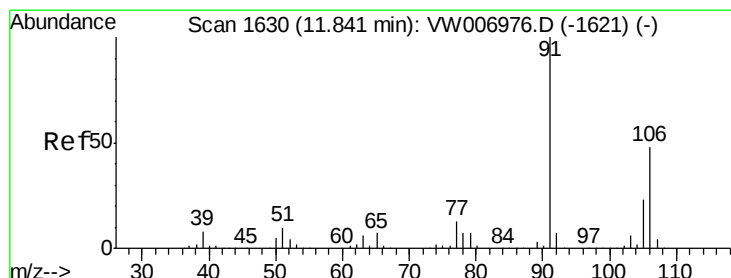
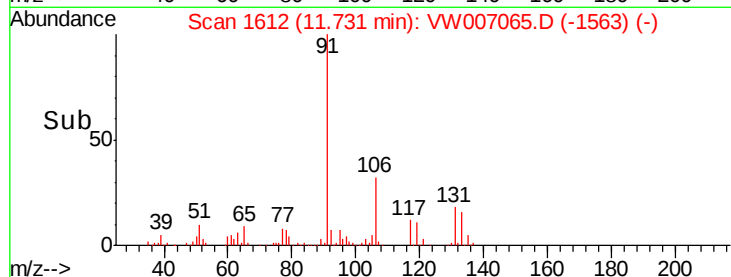
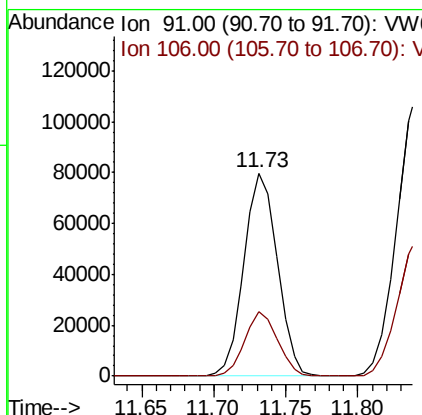
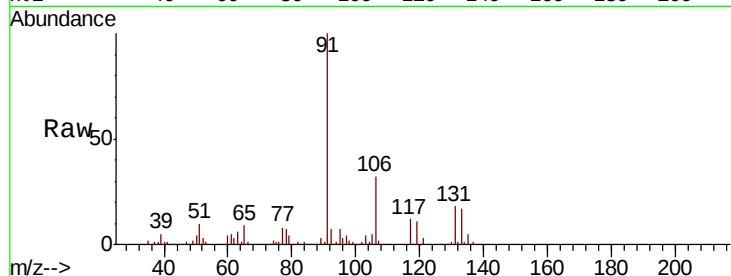




#67  
Ethyl Benzene  
Concen: 22.032 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

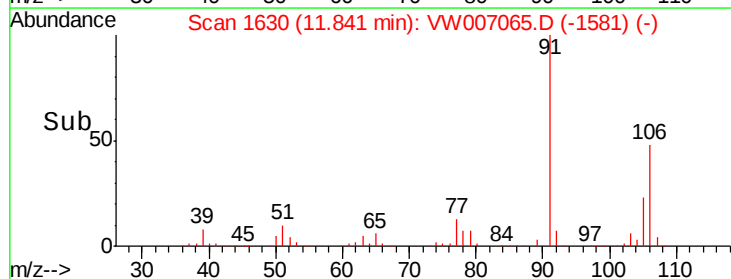
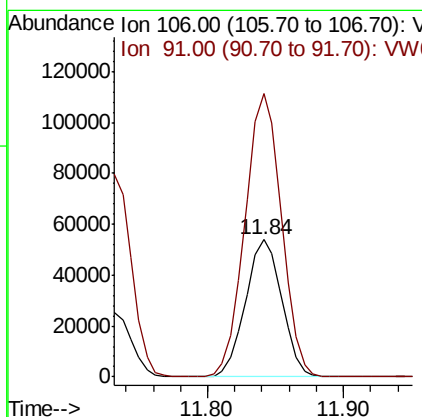
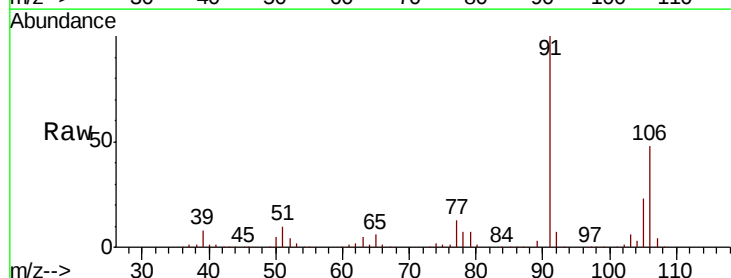
Instrument :  
MSVOA\_W  
ClientSampled :

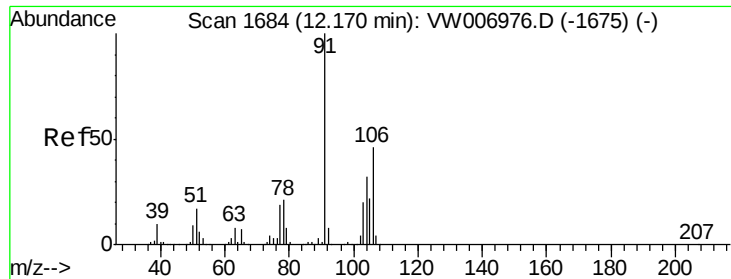
Tot Ion: 91 Resp: 128465  
Ion Ratio Lower Upper  
91 100  
106 31.9 25.4 38.2



#68  
m/p-Xylenes  
Concen: 44.164 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Tgt Ion:106 Resp: 101031  
Ion Ratio Lower Upper  
106 100  
91 206.9 164.8 247.2

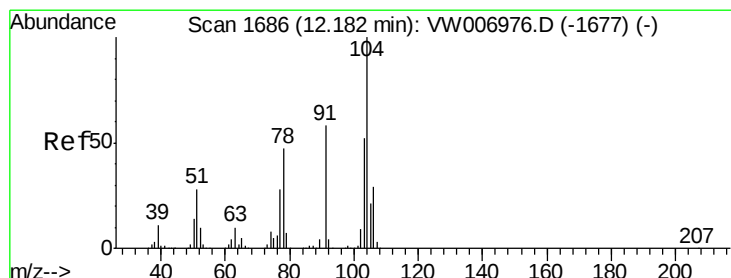
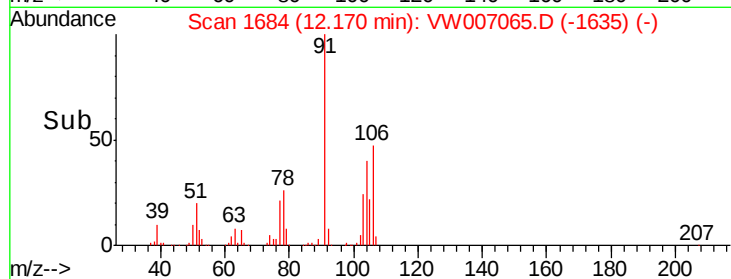
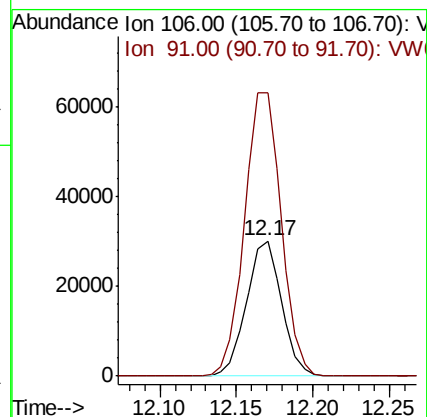
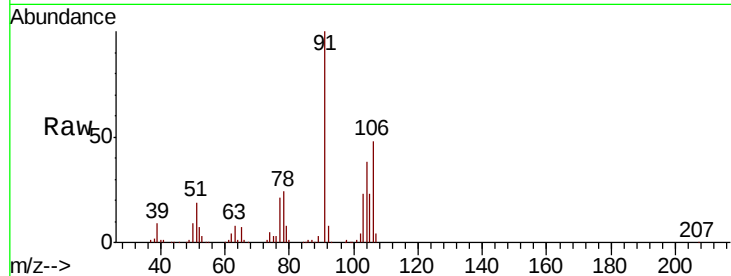




#69  
o-Xylene  
Concen: 22.279 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

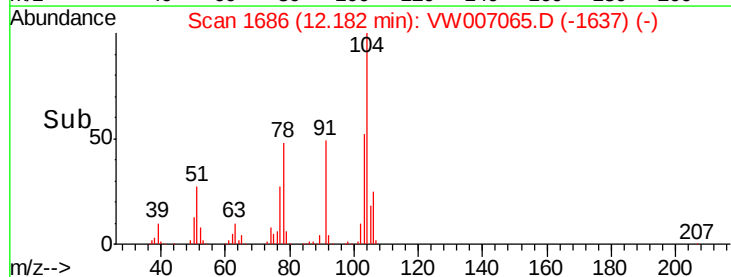
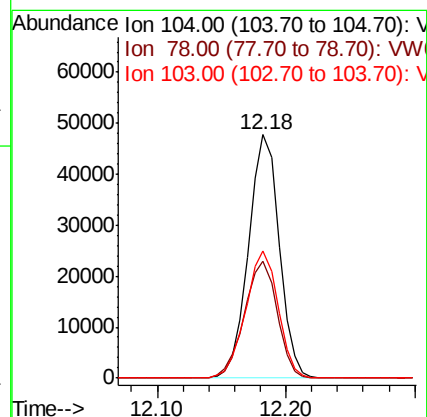
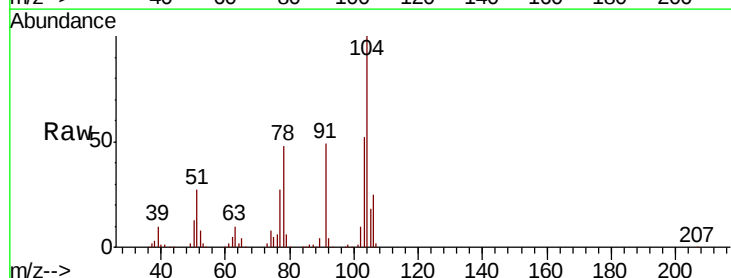
Instrument :  
MSVOA\_W  
ClientSampleId :

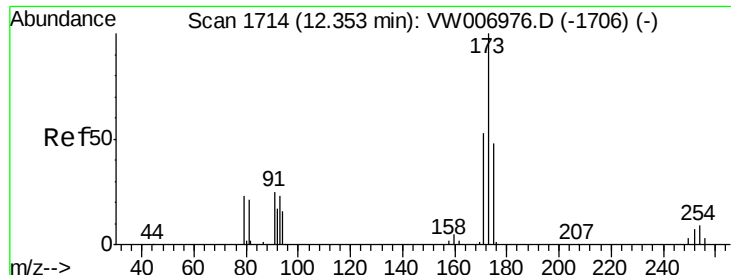
Tot Ion:106 Resp: 48056  
Ion Ratio Lower Upper  
106 100  
91 219.0 107.9 323.8



#70  
Styrene  
Concen: 22.820 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Tgt Ion:104 Resp: 78345  
Ion Ratio Lower Upper  
104 100  
78 51.7 41.8 62.8  
103 55.2 44.4 66.6





#71

Bromoform

Concen: 25.584 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

ClientSampleId :

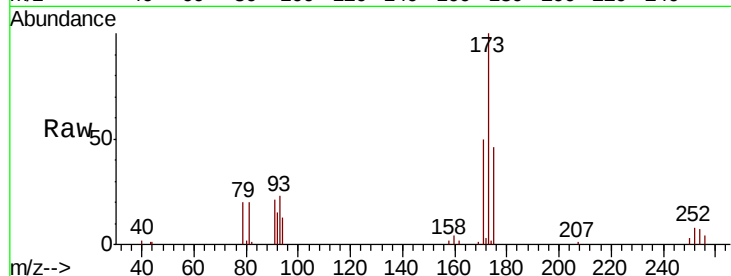
Tot Ion:173 Resp: 11572

Ion Ratio Lower Upper

173 100

175 47.7 24.0 72.0

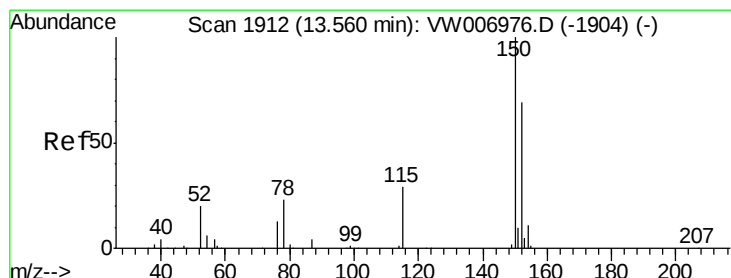
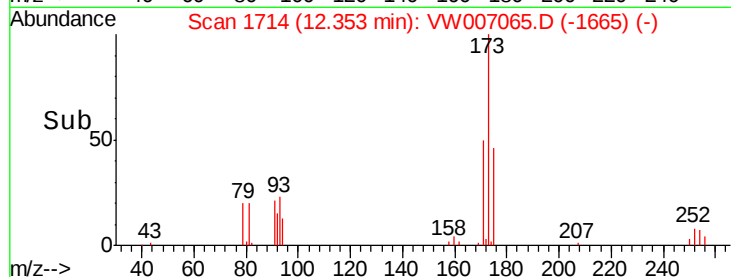
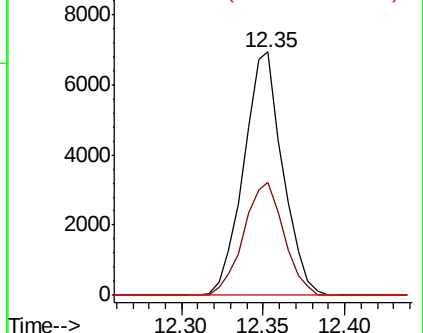
254 0.0 0.0 0.0



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: VW007065.D

Acq: 27 Nov 2018 00:54

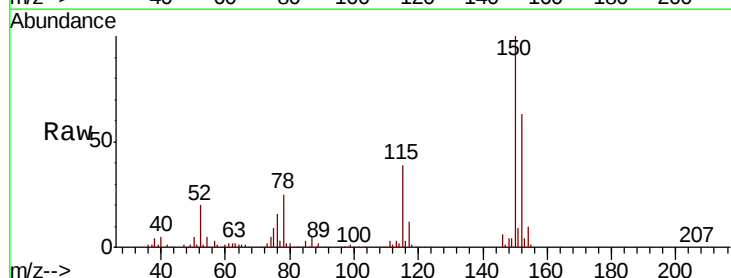
Tgt Ion:152 Resp: 78279

Ion Ratio Lower Upper

152 100

115 61.9 31.4 94.2

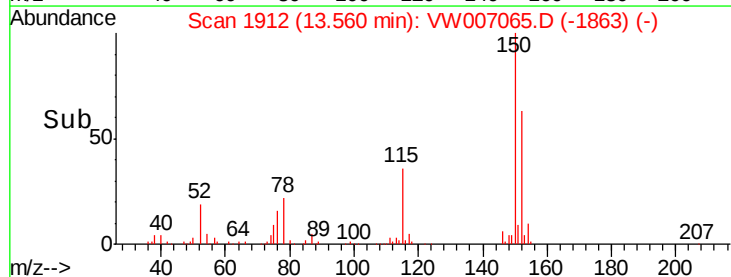
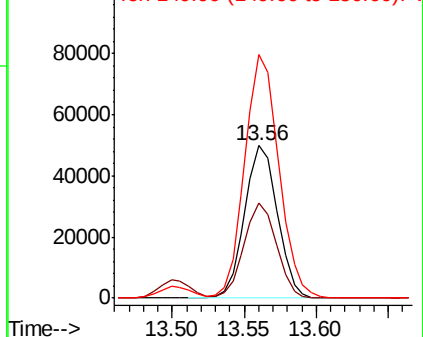
150 166.8 0.0 353.4

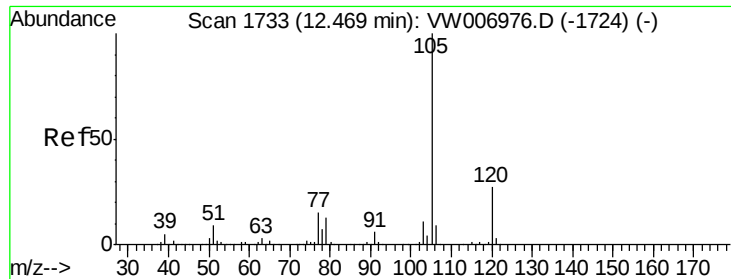


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.502 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

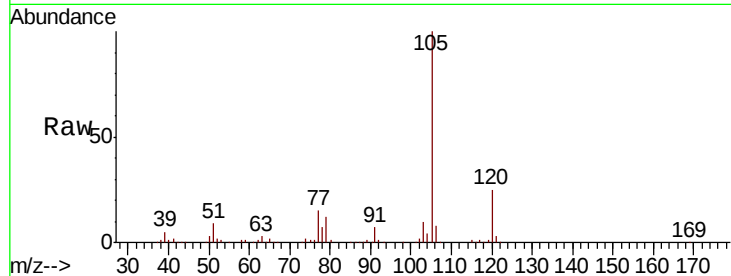
ClientSampleId :

Tot Ion:105 Resp: 130814

Ion Ratio Lower Upper

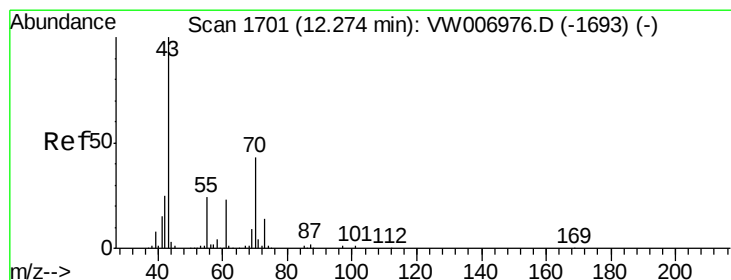
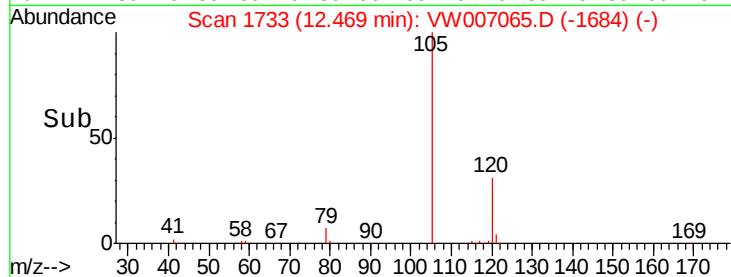
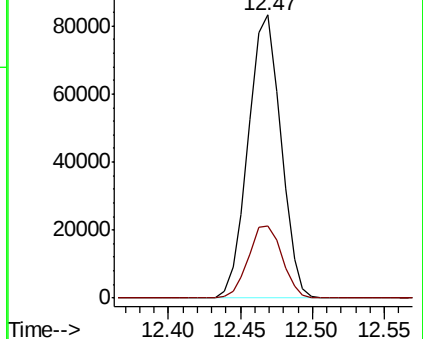
105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 24.813 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Tgt Ion: 43 Resp: 25300

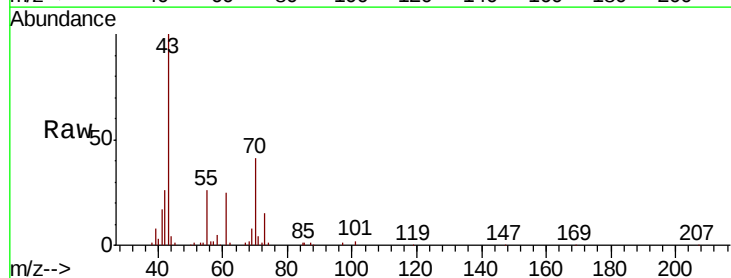
Ion Ratio Lower Upper

43 100

70 43.0 34.0 51.0

55 25.0 19.4 29.0

61 25.1 19.4 29.2

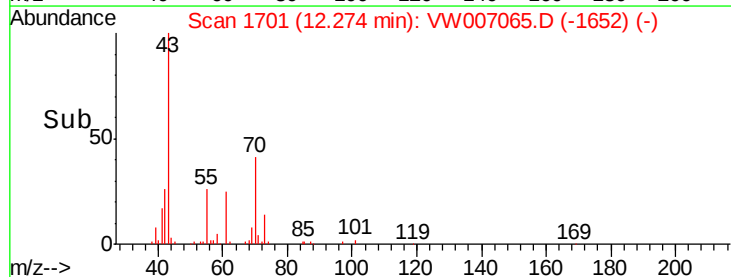
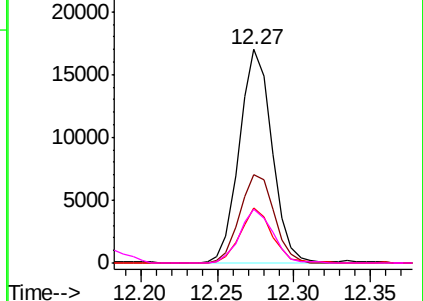


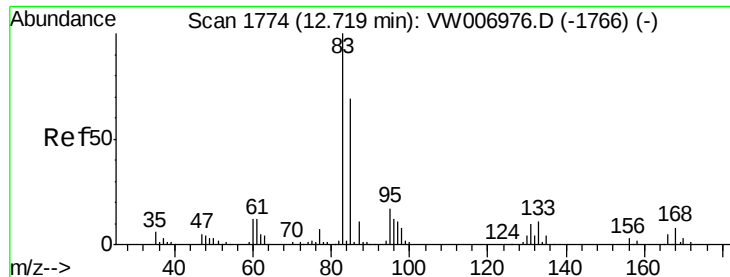
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 24.921 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

ClientSampleId :

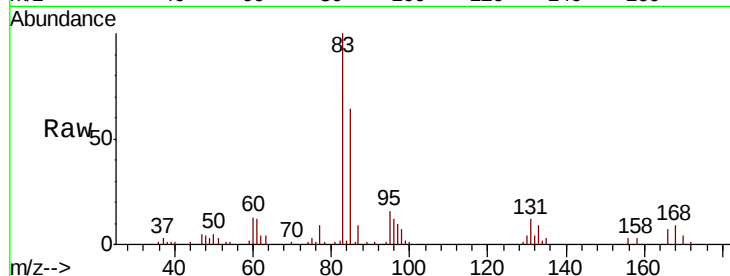
Tot Ion: 83 Resp: 20177

Ion Ratio Lower Upper

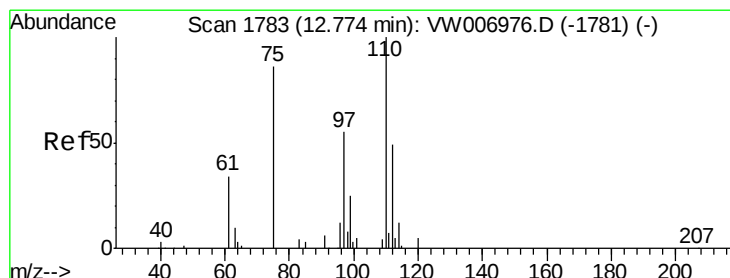
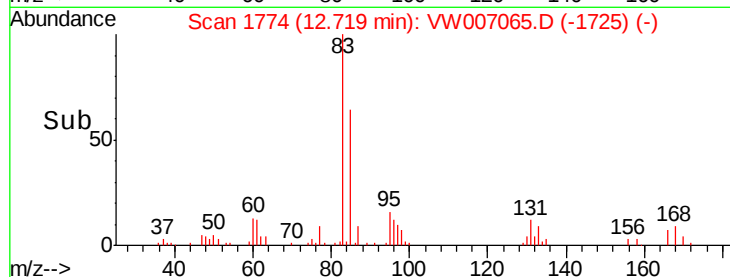
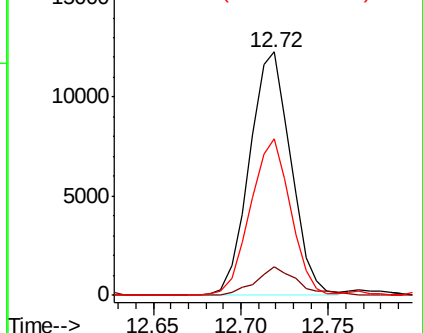
83 100

131 12.0 5.7 17.1

85 62.6 33.1 99.2



Abundance Ion 82.90 (82.60 to 83.60): VW  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 42.958 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW007065.D

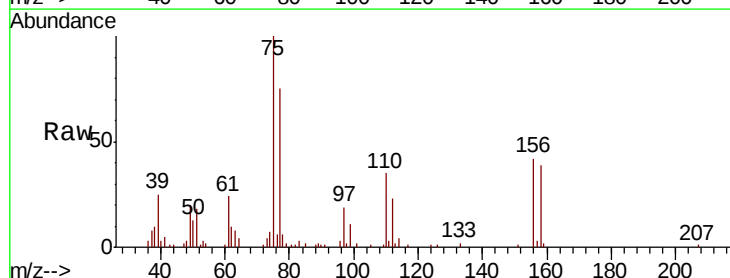
Acq: 27 Nov 2018 00:54

Tgt Ion: 75 Resp: 26424

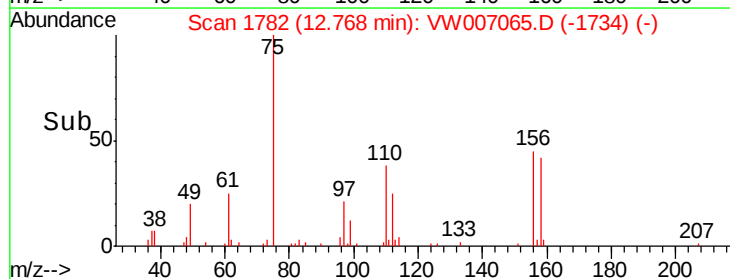
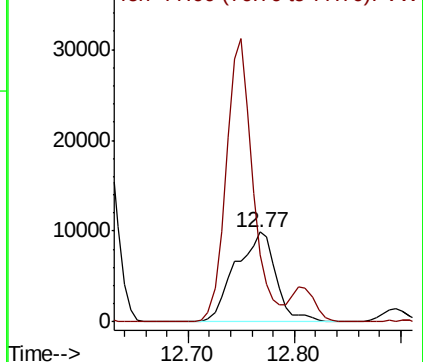
Ion Ratio Lower Upper

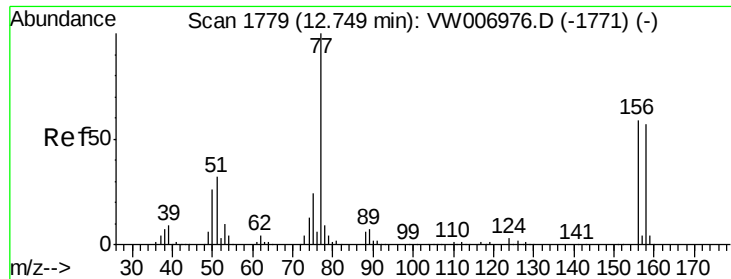
75 100

77 206.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW  
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.810 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

ClientSampleId :

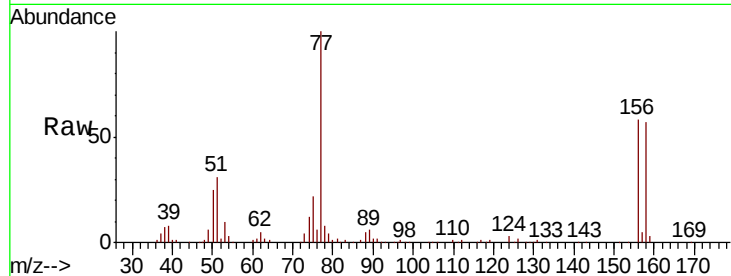
Tot Ion:156 Resp: 29806

Ion Ratio Lower Upper

156 100

77 183.0 94.6 283.8

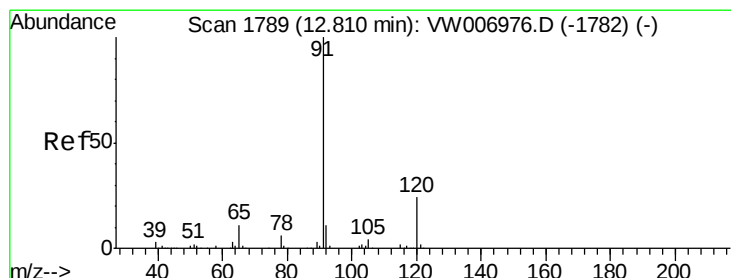
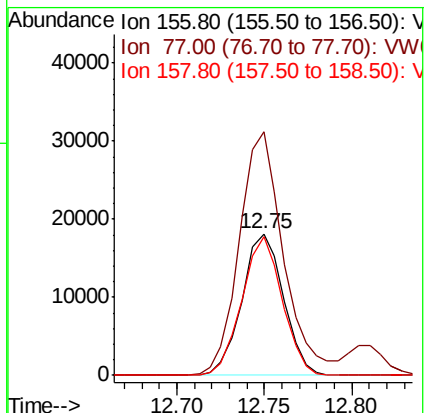
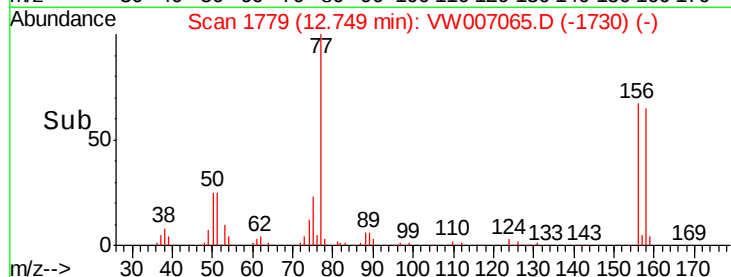
158 95.4 48.9 146.7



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: 21.163 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007065.D

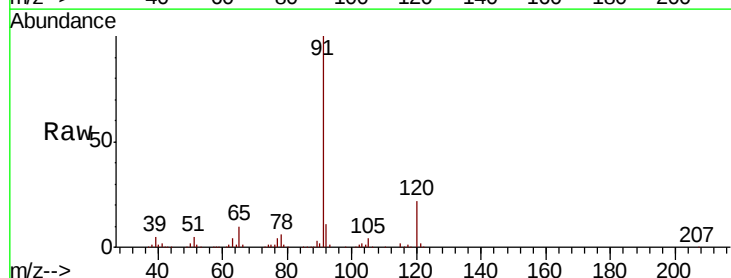
Acq: 27 Nov 2018 00:54

Tgt Ion: 91 Resp: 155953

Ion Ratio Lower Upper

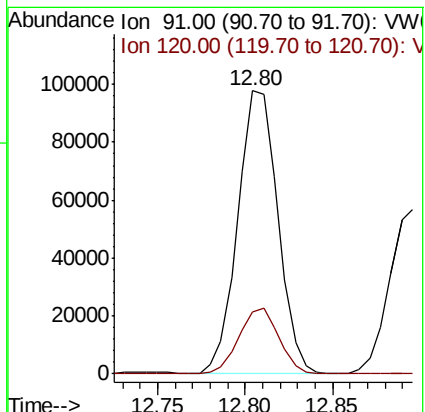
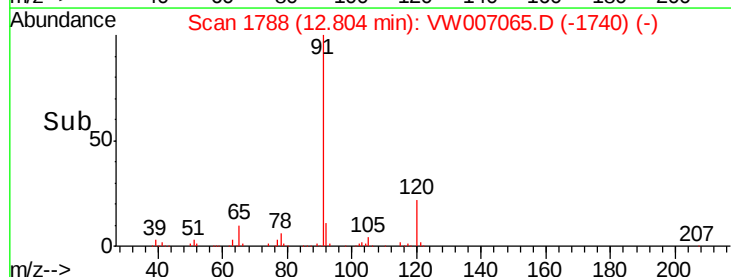
91 100

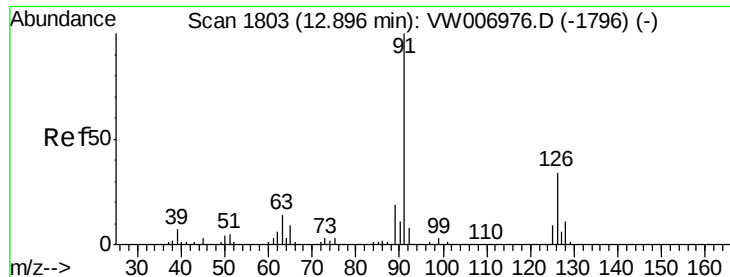
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.568 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

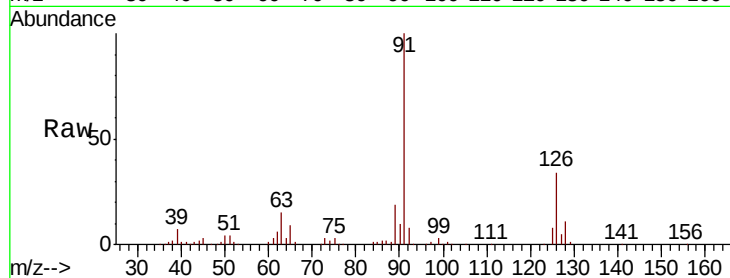
ClientSampleId :

Tot Ion: 91 Resp: 91642

Ion Ratio Lower Upper

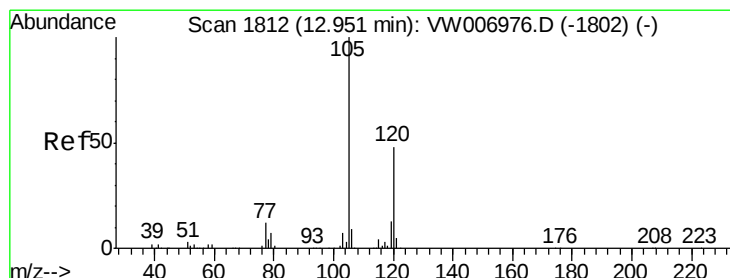
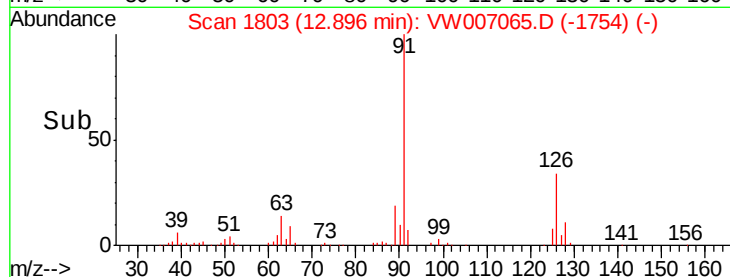
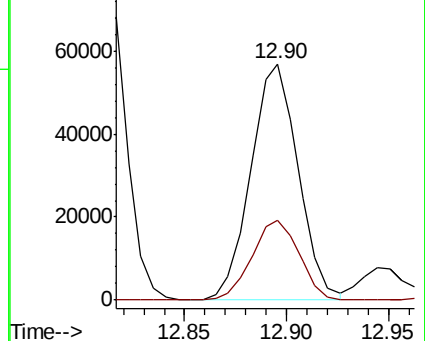
91 100

126 33.9 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VW007065.D (-1796) (-)

Ion 125.90 (125.60 to 126.60): VW007065.D (-1796) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.749 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW007065.D

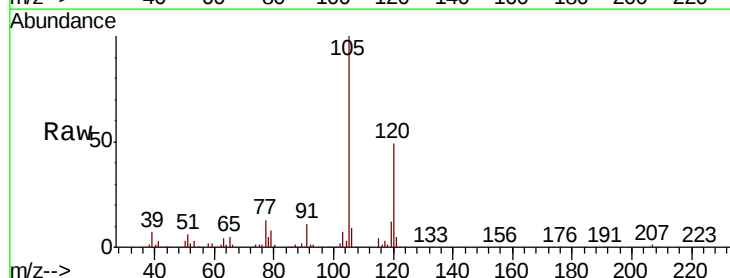
Acq: 27 Nov 2018 00:54

Tgt Ion:105 Resp: 114422

Ion Ratio Lower Upper

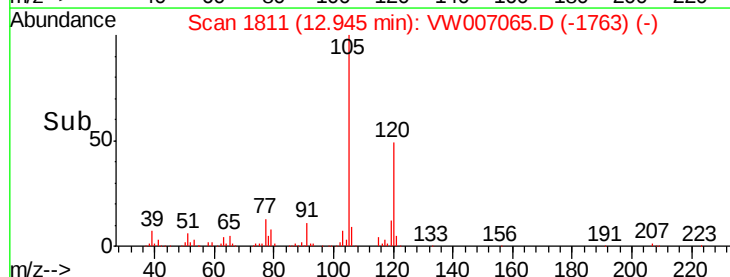
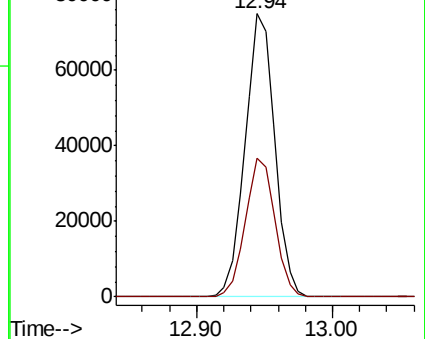
105 100

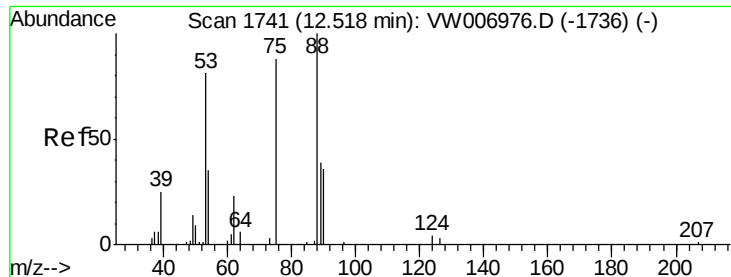
120 49.0 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): VW007065.D (-1763) (-)

Ion 120.00 (119.70 to 120.70): VW007065.D (-1763) (-)

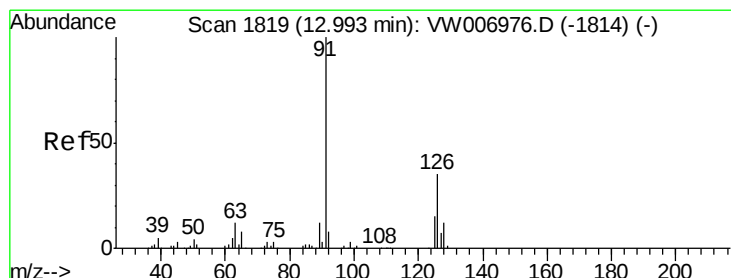
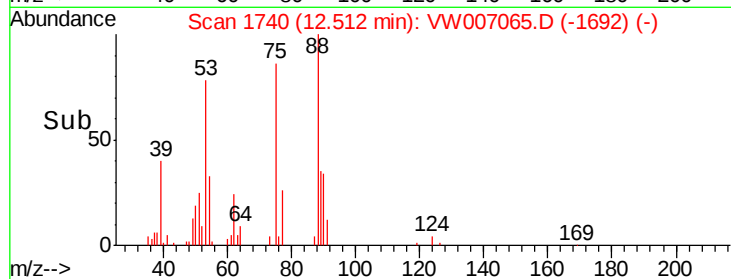
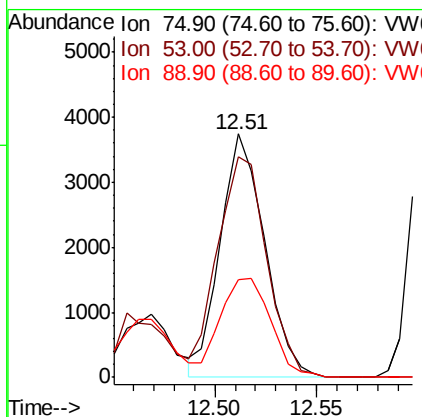
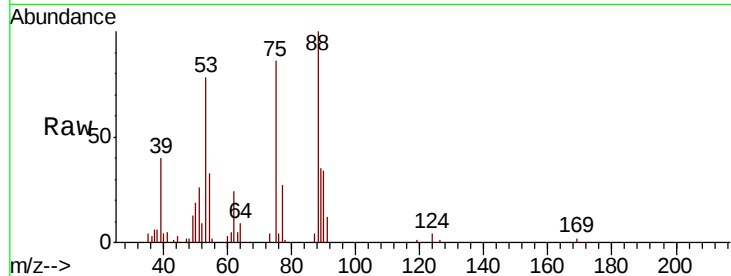




#81  
trans-1,4-Dichloro-2-butene  
Concen: 23.069 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. -0.01 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

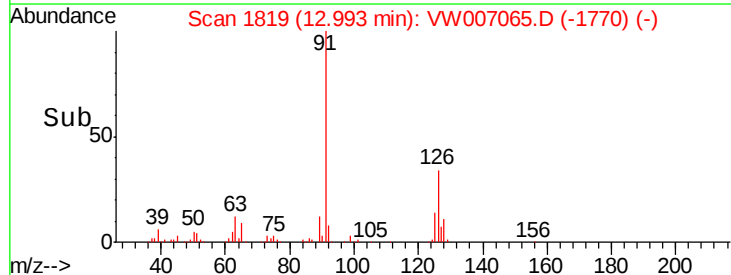
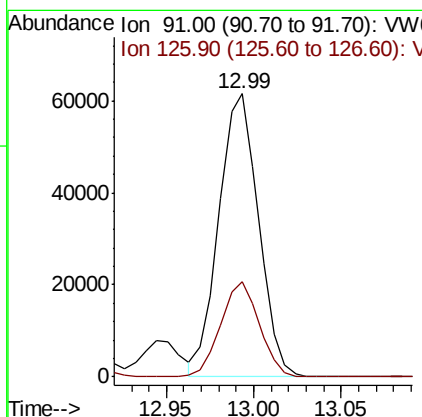
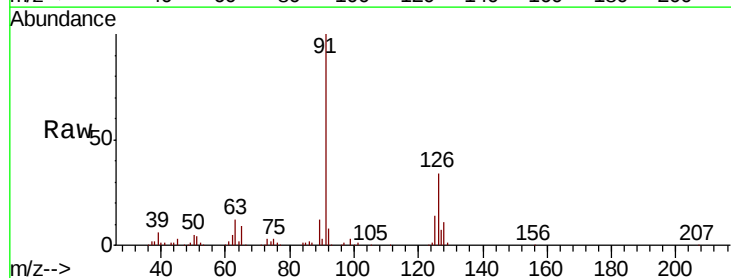
Instrument :  
MSVOA\_W  
ClientSampled :

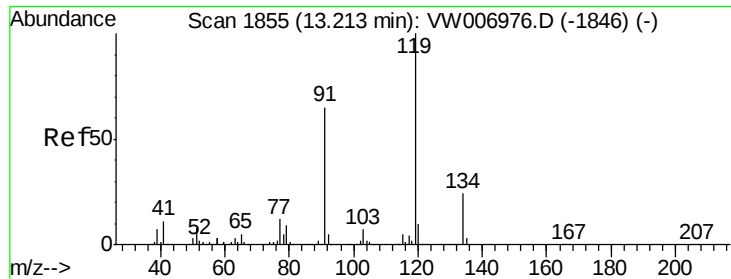
Tot Ion: 75 Resp: 5652  
Ion Ratio Lower Upper  
75 100  
53 100.1 77.6 116.4  
89 47.1 39.3 58.9



#82  
4-Chlorotoluene  
Concen: 21.794 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Tgt Ion: 91 Resp: 97180  
Ion Ratio Lower Upper  
91 100  
126 32.9 16.6 49.7

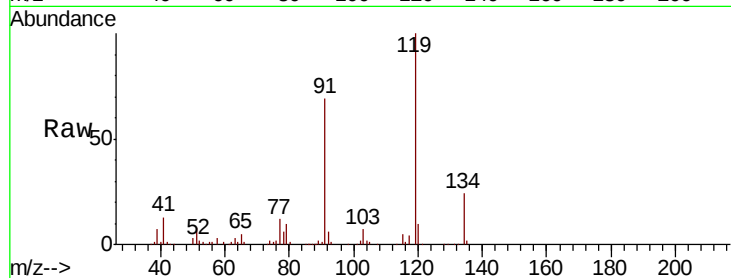




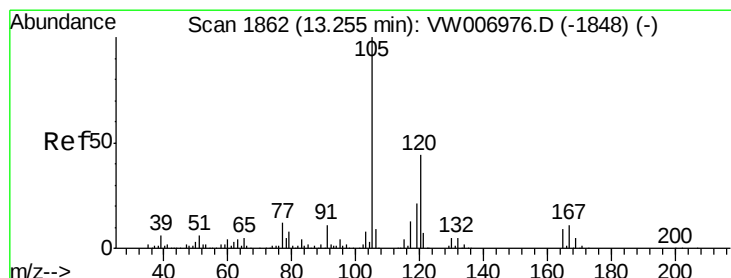
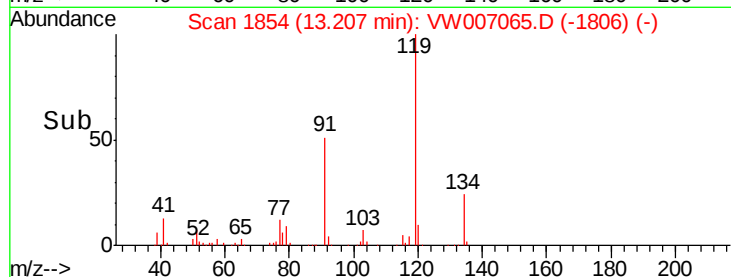
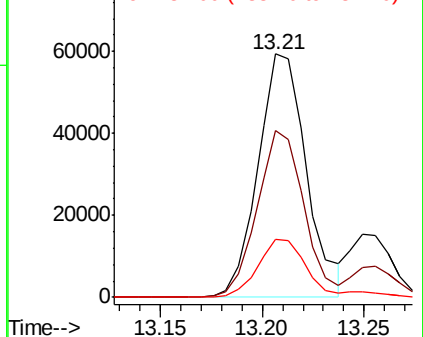
#83  
tert-Butylbenzene  
Concen: 21.556 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. -0.01 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Instrument :  
MSVOA\_W  
ClientSampled :

Tot Ion:119 Resp: 98183  
Ion Ratio Lower Upper  
119 100  
91 66.0 33.5 100.5  
134 23.2 12.6 37.8

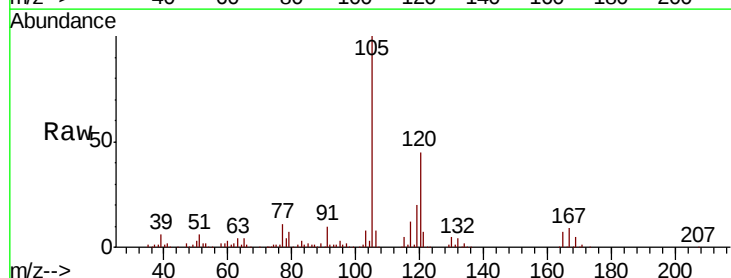


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

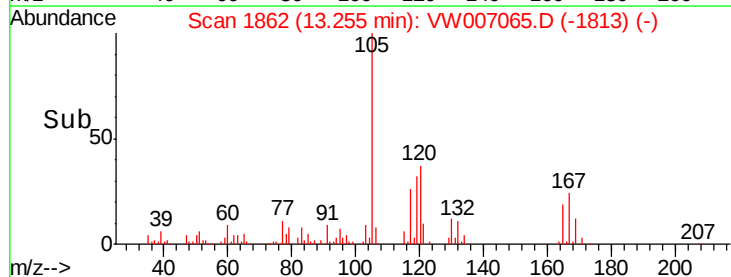
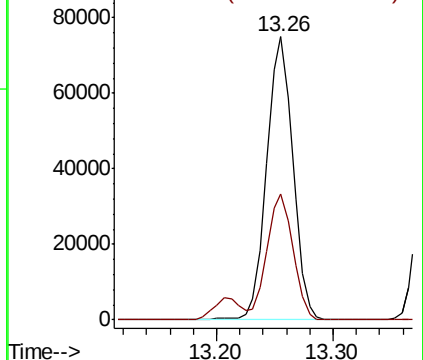


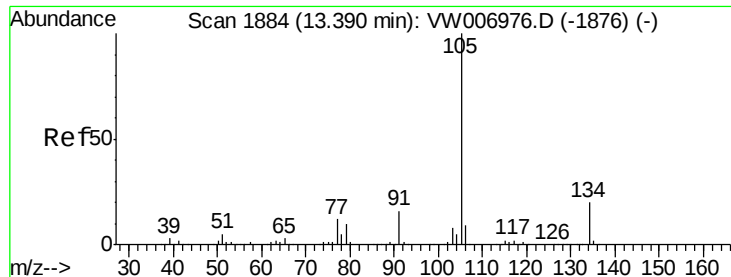
#84  
1,2,4-Trimethylbenzene  
Concen: 22.172 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. -0.00 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Tgt Ion:105 Resp: 116212  
Ion Ratio Lower Upper  
105 100  
120 44.5 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V

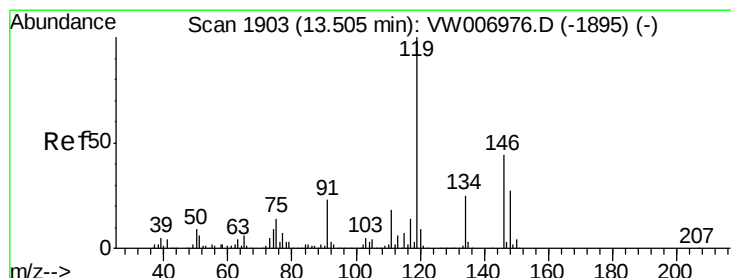
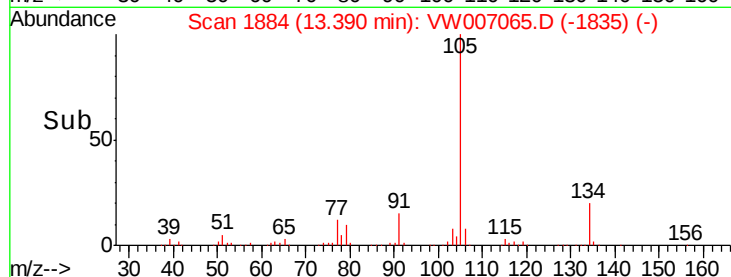
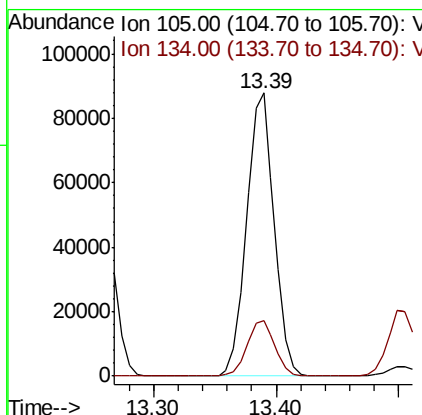
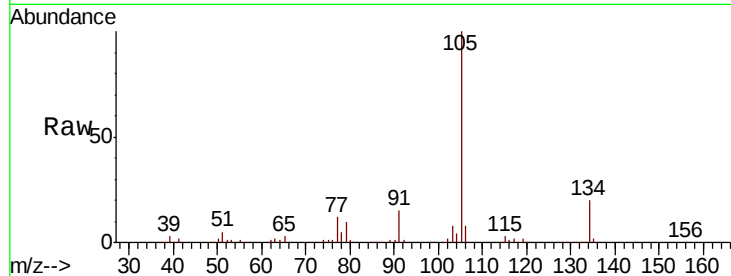




#85  
 sec-Butylbenzene  
 Concen: 21.302 ug/l  
 RT: 13.39 min Scan# 1884  
 Delta R.T. -0.00 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

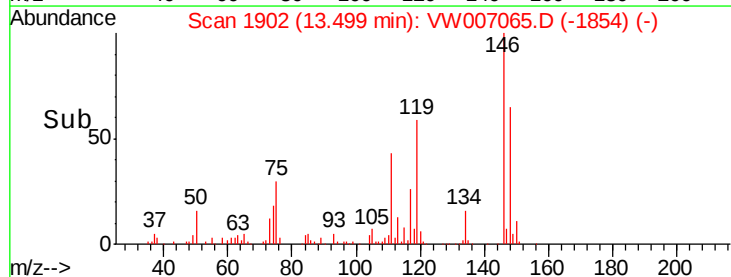
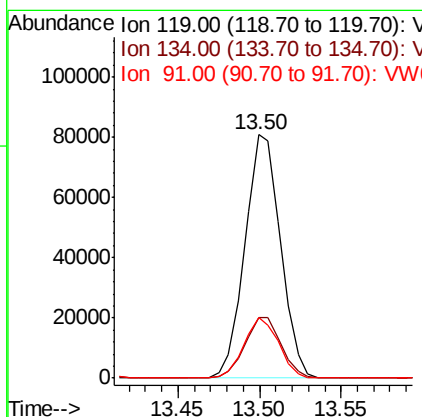
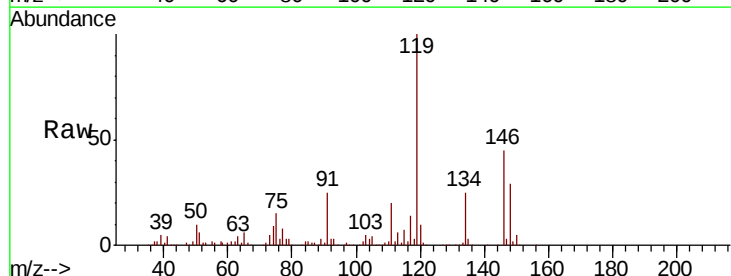
Instrument :  
 MSVOA\_W  
 ClientSampleId :

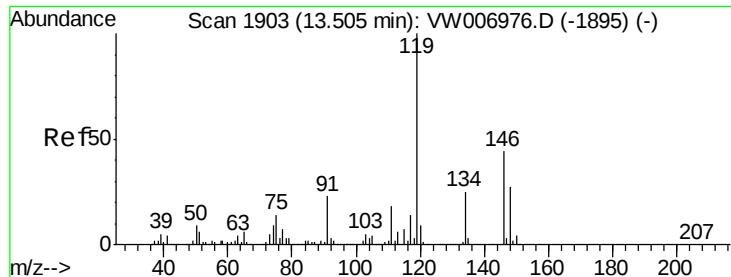
Tot Ion:105 Resp: 137074  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 21.684 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.01 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Tgt Ion:119 Resp: 123096  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.8 38.3  
 91 24.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 22.410 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007065.D

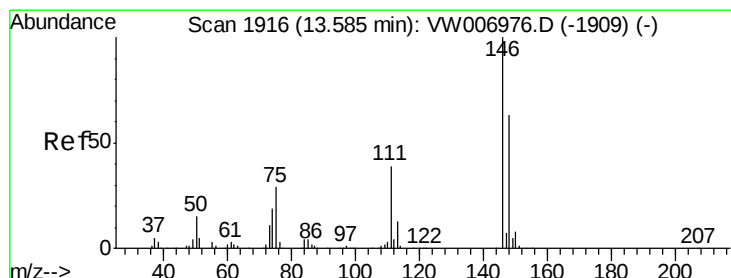
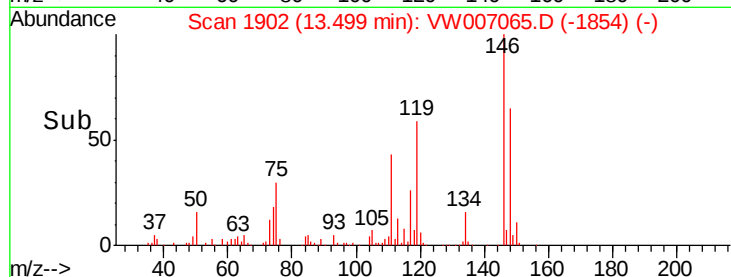
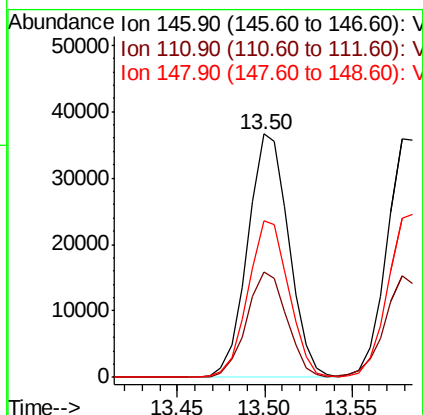
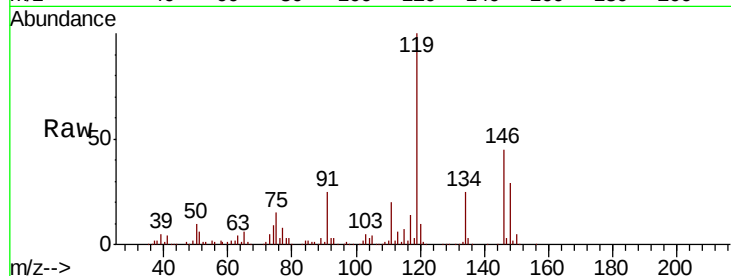
Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

ClientSampled :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:146 | Resp: | 59781     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 42.3  | 21.1 63.3 |
| 148         | 63.9  | 31.6 94.8 |



#88

1,4-Dichlorobenzene

Concen: 21.948 ug/l

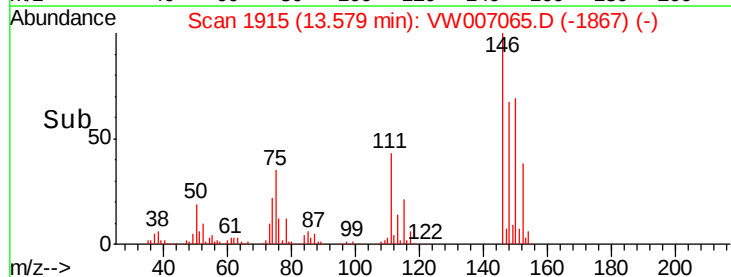
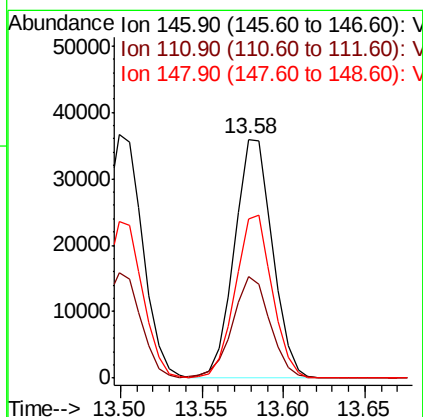
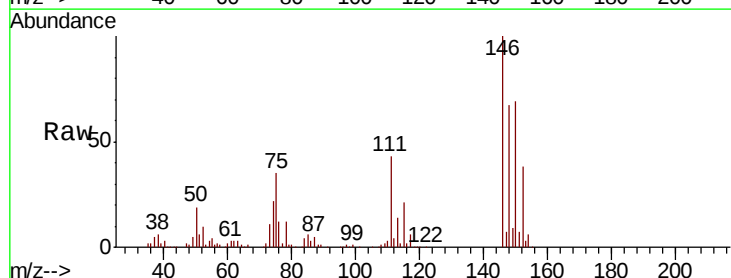
RT: 13.58 min Scan# 1915

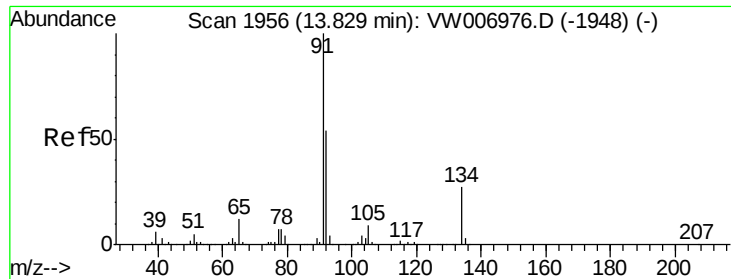
Delta R.T. -0.01 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 58375     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 42.3  | 20.6 61.8 |
| 148         | 66.3  | 32.3 96.8 |





#89

n-Butylbenzene

Concen: 21.298 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007065.D

Acq: 27 Nov 2018 00:54

Instrument :

MSVOA\_W

ClientSampled :

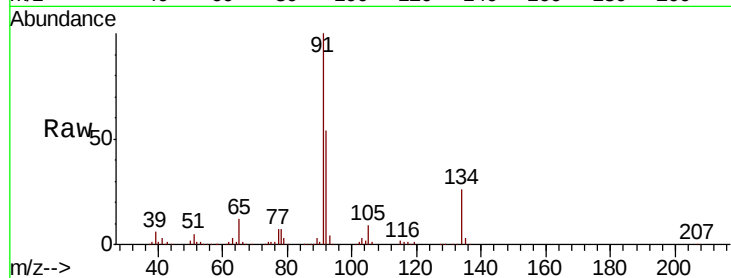
Tot Ion: 91 Resp: 113777

Ion Ratio Lower Upper

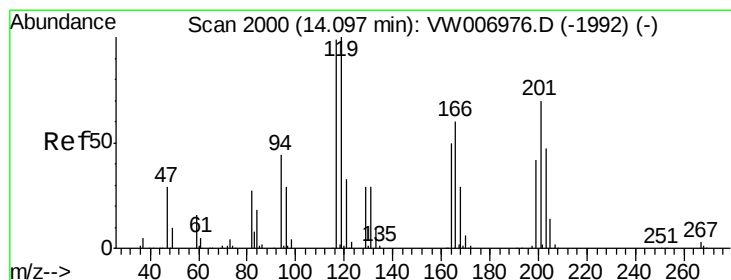
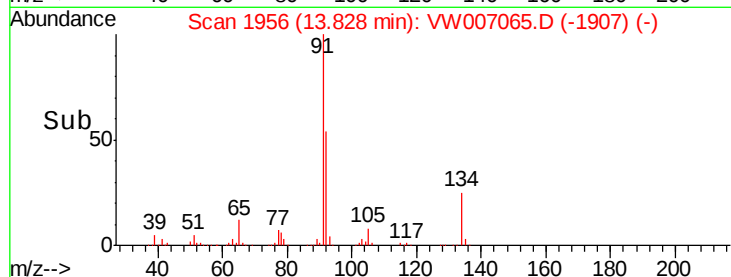
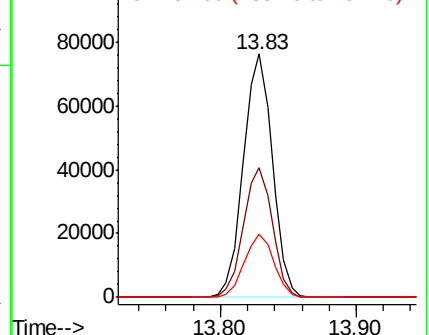
91 100

92 53.4 26.8 80.4

134 26.4 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VW  
Ion 92.00 (91.70 to 92.70): VW  
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 22.772 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007065.D

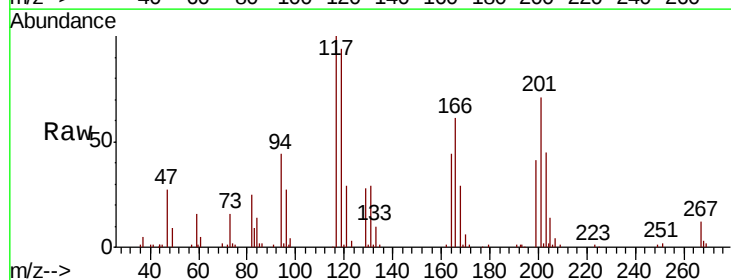
Acq: 27 Nov 2018 00:54

Tgt Ion: 117 Resp: 18873

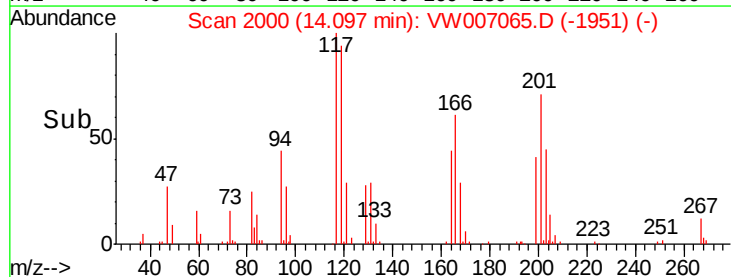
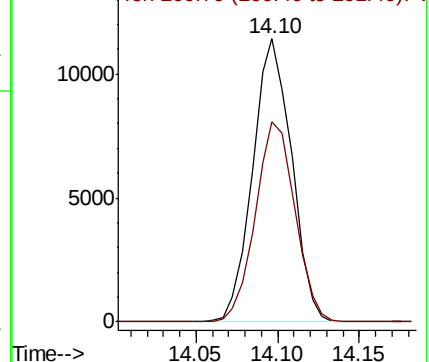
Ion Ratio Lower Upper

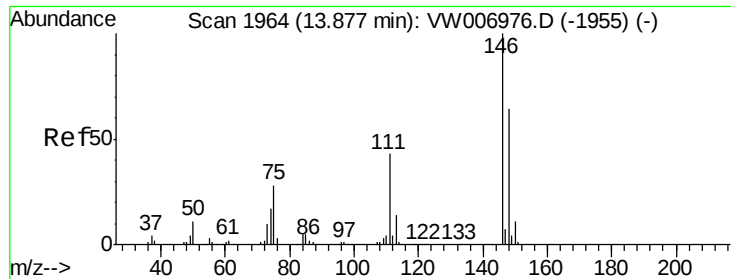
117 100

201 72.0 35.9 107.5



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 200.70 (200.40 to 201.40): V

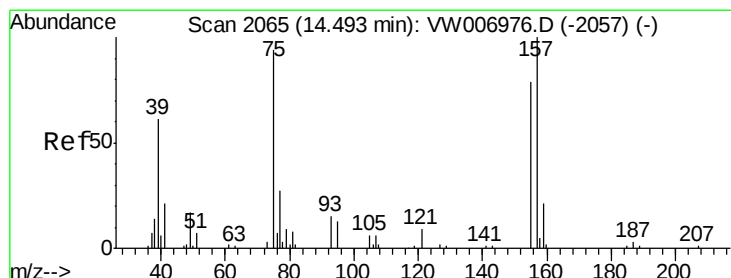
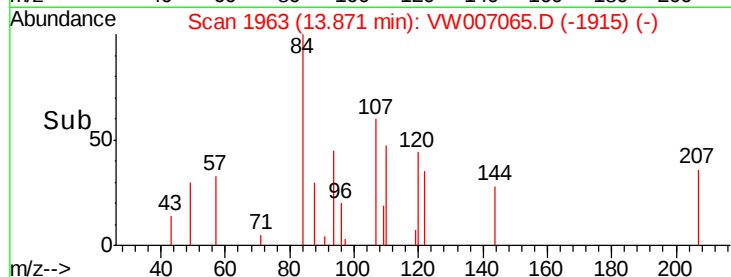
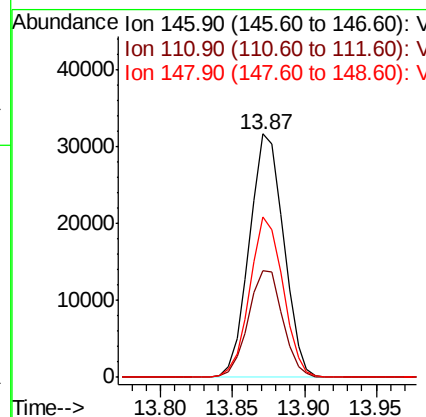
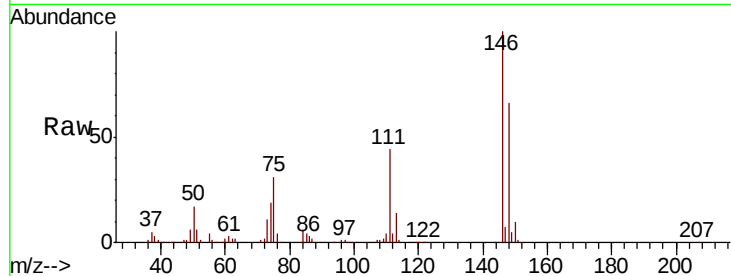




#91  
 1,2-Dichlorobenzene  
 Concen: 22.346 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.01 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

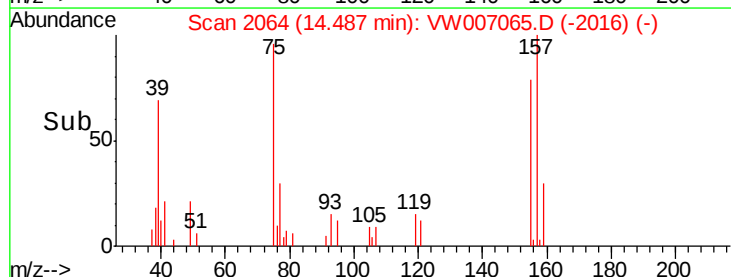
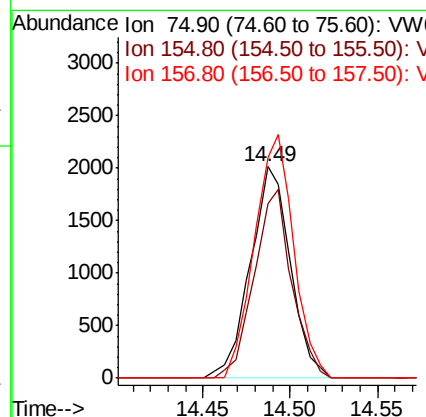
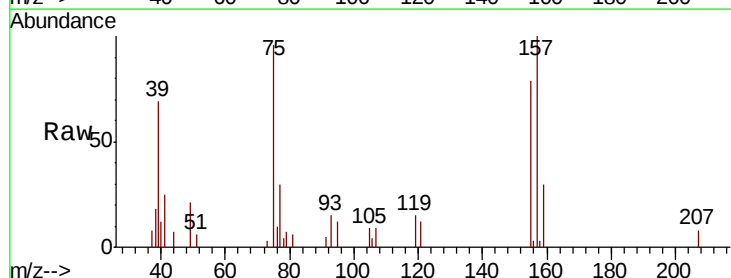
Instrument :  
 MSVOA\_W  
 ClientSampleId :

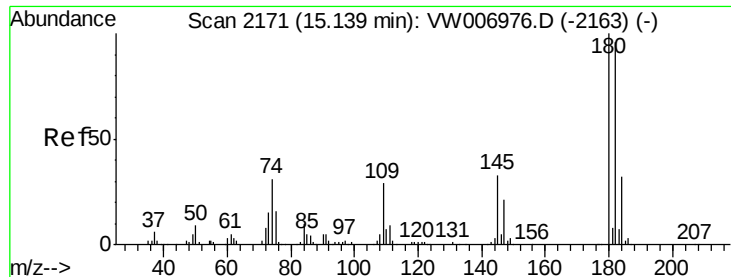
Tot Ion:146 Resp: 52233  
 Ion Ratio Lower Upper  
 146 100  
 111 43.9 21.9 65.7  
 148 63.9 32.2 96.6



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 23.563 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.01 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Tgt Ion: 75 Resp: 3222  
 Ion Ratio Lower Upper  
 75 100  
 155 84.0 42.6 127.8  
 157 112.9 55.0 165.0

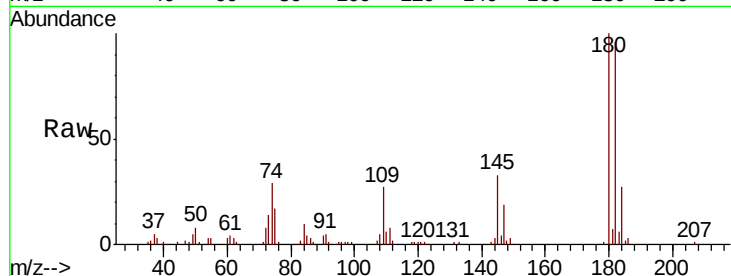




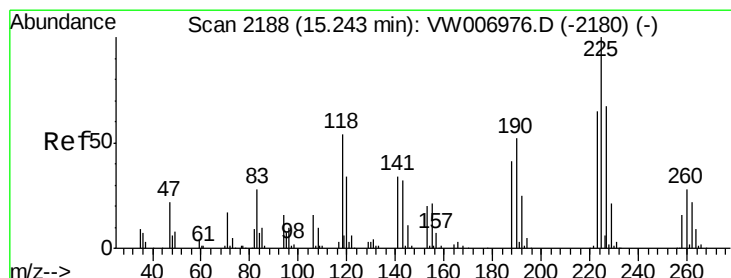
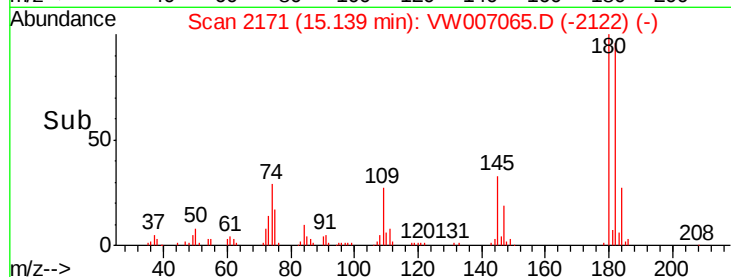
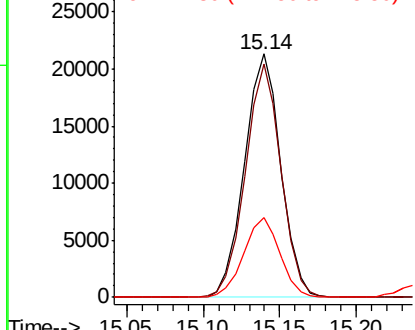
#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.824 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. -0.00 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

Instrument :  
 MSVOA\_W  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 47.1  | 141.3 |
| 145     | 32.5  | 16.5  | 49.5  |

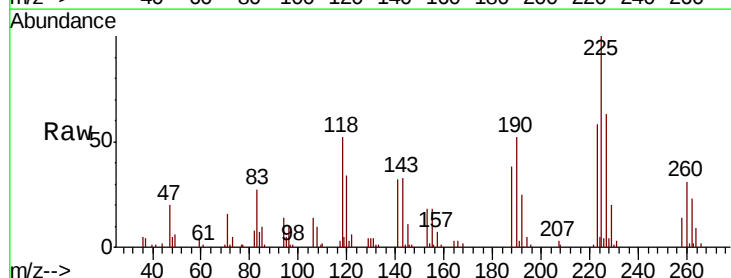


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

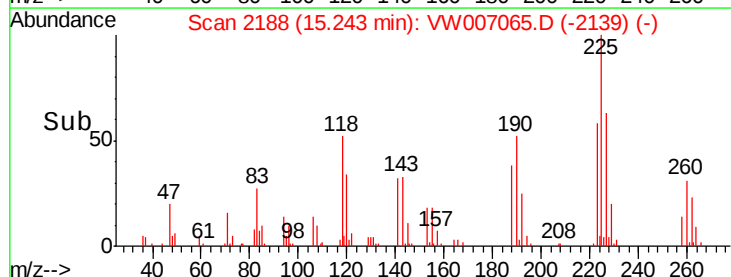
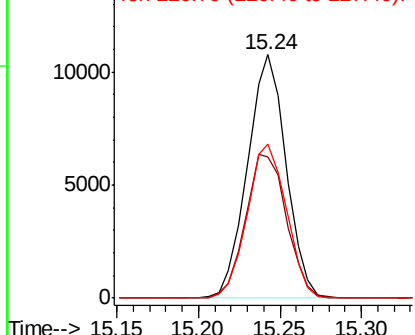


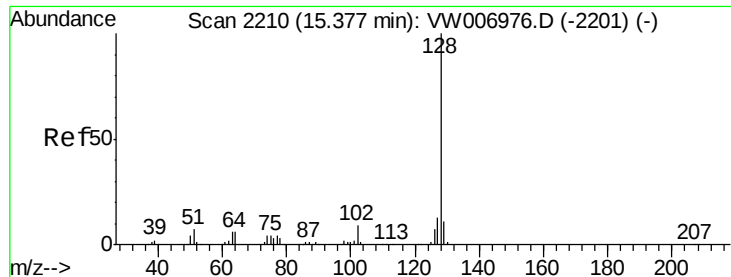
#94  
 Hexachlorobutadiene  
 Concen: 21.132 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. -0.00 min  
 Lab File: VW007065.D  
 Acq: 27 Nov 2018 00:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.7  | 32.4  | 97.0  |
| 227     | 64.4  | 31.9  | 95.5  |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V

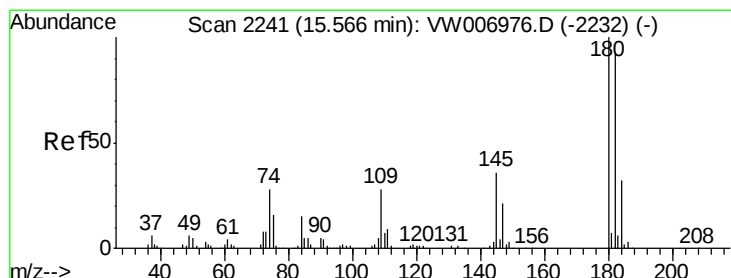
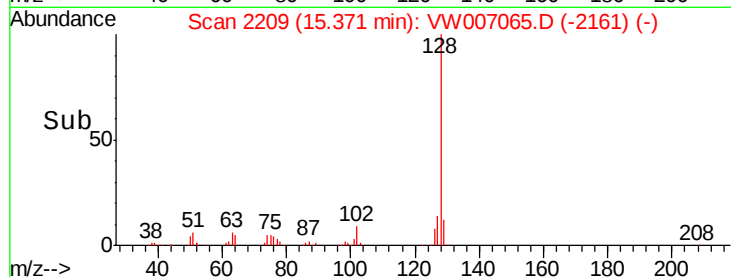
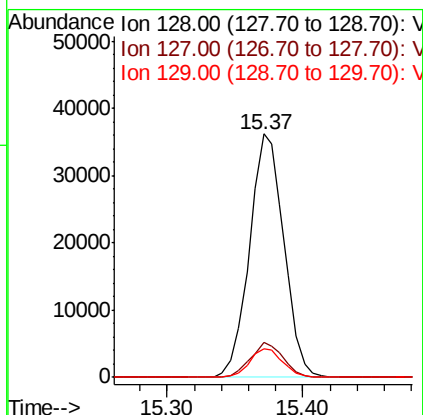
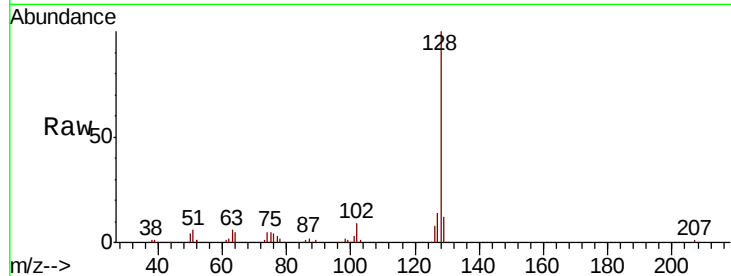




#95  
Naphthalene  
Concen: 22.929 ug/l  
RT: 15.37 min Scan# 2209  
Delta R.T. -0.01 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Instrument :  
MSVOA\_W  
ClientSampleId :

Tot Ion:128 Resp: 64153  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.5 15.7  
129 11.3 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 23.198 ug/l  
RT: 15.56 min Scan# 2240  
Delta R.T. -0.01 min  
Lab File: VW007065.D  
Acq: 27 Nov 2018 00:54

Tgt Ion:180 Resp: 29664  
Ion Ratio Lower Upper  
180 100  
182 95.1 47.0 141.2  
145 35.1 18.0 54.0

