

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\  
 Data File : VW008090.D  
 Acq On : 08 Jan 2019 17:30  
 Operator : SY/AP  
 Sample : VSTDICC100  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jan 09 03:41:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010819S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 09 03:11:44 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 102533   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 169628   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 152404   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 71614    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 105549   | 92.37  | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 184.74% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 99899    | 94.99  | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 189.98% |          |
| 50) Toluene-d8              | 10.32 | 98   | 411856   | 102.05 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 204.10% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 142410   | 93.09  | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 186.18% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85   | 84646    | 93.480  | ug/l   | 99     |
| 3) Chloromethane              | 2.22 | 50   | 99400    | 132.430 | ug/l   | 94     |
| 4) Vinyl Chloride             | 2.37 | 62   | 125652   | 128.702 | ug/l   | 95     |
| 5) Bromomethane               | 2.79 | 94   | 100187   | 157.873 | ug/l   | 99     |
| 6) Chloroethane               | 2.93 | 64   | 106814   | 196.981 | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.26 | 101  | 112297   | 119.423 | ug/l   | 95     |
| 8) Diethyl Ether              | 3.68 | 74   | 60991    | 123.703 | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101  | 110961   | 103.234 | ug/l   | 96     |
| 10) Methyl Iodide             | 4.26 | 142  | 171087   | 100.079 | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.23 | 59   | 33390    | 445.755 | ug/l # | 100    |
| 12) 1,1-Dichloroethene        | 4.03 | 96   | 109506   | 105.309 | ug/l   | 96     |
| 13) Acrolein                  | 3.90 | 56   | 40820    | 737.023 | ug/l   | 99     |
| 14) Allyl chloride            | 4.66 | 41   | 199930   | 133.872 | ug/l   | 99     |
| 15) Acrylonitrile             | 5.37 | 53   | 119765   | 660.907 | ug/l   | 99     |
| 16) Acetone                   | 4.14 | 43   | 98560    | 542.019 | ug/l   | 92     |
| 17) Carbon Disulfide          | 4.37 | 76   | 347342   | 109.148 | ug/l   | 98     |
| 18) Methyl Acetate            | 4.67 | 43   | 73340    | 147.233 | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73   | 171162   | 104.466 | ug/l   | 95     |
| 20) Methylene Chloride        | 4.91 | 84   | 111378   | 91.282  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96   | 115993   | 102.612 | ug/l   | 95     |
| 22) Diisopropyl ether         | 6.31 | 45   | 370637   | 137.140 | ug/l   | 99     |
| 23) Vinyl Acetate             | 6.26 | 43   | 1007995  | 675.243 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.21 | 63   | 211818   | 111.014 | ug/l   | 99     |
| 25) 2-Butanone                | 7.18 | 43   | 146546   | 659.818 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 7.17 | 77   | 137664   | 90.507  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96   | 126599   | 104.863 | ug/l   | 97     |
| 28) Bromochloromethane        | 7.51 | 49   | 80062    | 123.453 | ug/l   | 95     |
| 29) Tetrahydrofuran           | 7.54 | 42   | 101335   | 717.541 | ug/l   | 99     |
| 30) Chloroform                | 7.68 | 83   | 204068   | 97.832  | ug/l   | 97     |
| 31) Cyclohexane               | 7.96 | 56   | 212918   | 116.213 | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97   | 178596   | 91.111  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.09 | 75   | 174523   | 105.086 | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.25 | 43   | 70321    | 132.784 | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117  | 166010   | 86.828  | ug/l   | 98     |

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 Sample : VSTDICC100  
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jan 09 03:41:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010819S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 09 03:11:44 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 227968   | 109.533  | ug/l   | 94       |
| 40) Benzene                    | 8.32  | 78   | 482967   | 109.389  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 43223    | 142.302  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 130887   | 91.526   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 144228   | 137.800  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 126861   | 99.939   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 118567   | 121.069  | ug/l   | 97       |
| 46) Dibromomethane             | 9.46  | 93   | 58234    | 105.238  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.64  | 83   | 151115   | 98.354   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 70898    | 134.106  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.48  | 88   | 18956    | 2287.652 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 338843   | 689.824  | ug/l   | 100      |
| 52) Toluene                    | 10.39 | 92   | 303245   | 104.192  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 162121   | 108.343  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 186983   | 110.939  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 83078    | 110.567  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 109906   | 126.107  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 150126   | 115.084  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 264727   | 622.054  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.97 | 43   | 232446   | 687.660  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 99504    | 99.015   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 81515    | 108.353  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.86 | 164  | 102865   | 101.223  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.66 | 112  | 326121   | 102.017  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 109927   | 96.217   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 592129   | 103.629  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 446280   | 202.543  | ug/l   | 100      |
| 69) o-Xylene                   | 12.17 | 106  | 212528   | 103.707  | ug/l   | 97       |
| 70) Styrene                    | 12.18 | 104  | 340649   | 102.242  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 54013    | 102.466  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.47 | 105  | 570910   | 101.844  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 131076   | 140.552  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 91677    | 123.971  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 125035   | 217.298  | ug/l   | 24       |
| 77) Bromobenzene               | 12.75 | 156  | 125544   | 105.108  | ug/l   | 92       |
| 78) n-propylbenzene            | 12.81 | 91   | 685679   | 104.326  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 381248   | 101.064  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 467205   | 97.519   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 30864    | 126.016  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 398327   | 99.376   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 414424   | 98.481   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 467408   | 95.850   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 594901   | 101.845  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 515645   | 98.421   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 245749   | 101.130  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 241902   | 100.339  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.83 | 91   | 502262   | 103.750  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 91741    | 101.235  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 216987   | 101.441  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 14690    | 100.962  | ug/l   | 90       |

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Operator : SY/AP  
Sample : VSTDICC100  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

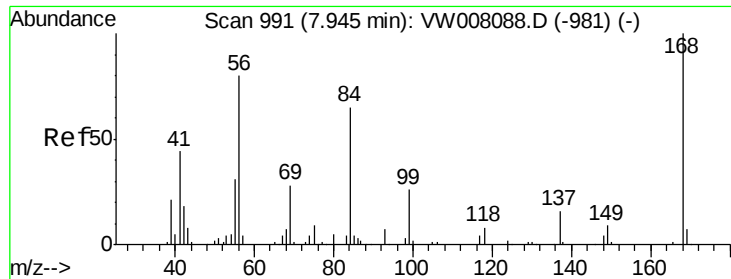
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC100

Quant Time: Jan 09 03:41:34 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010819S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 09 03:11:44 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 150704   | 102.112 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 83867    | 99.140  | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 283232   | 110.718 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 130445   | 106.231 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

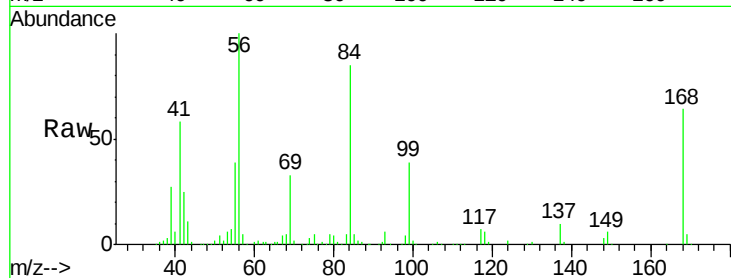
VSTDIC100

Tot Ion:168 Resp: 102533

Ion Ratio Lower Upper

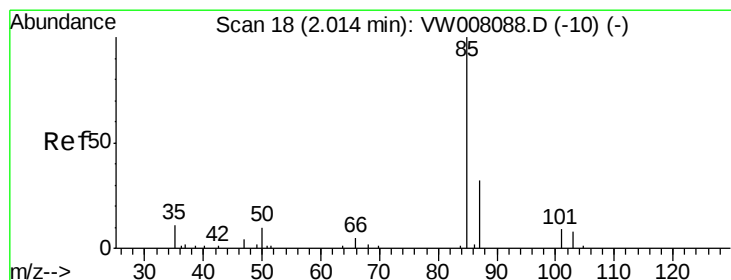
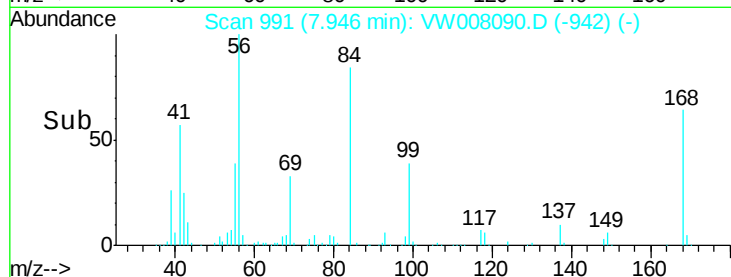
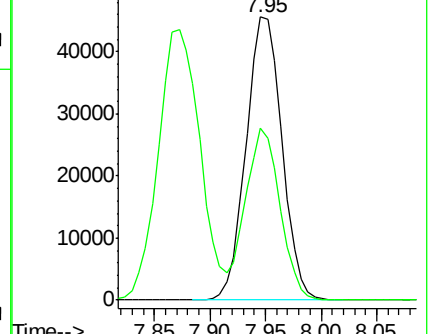
168 100

99 61.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 93.480 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008090.D

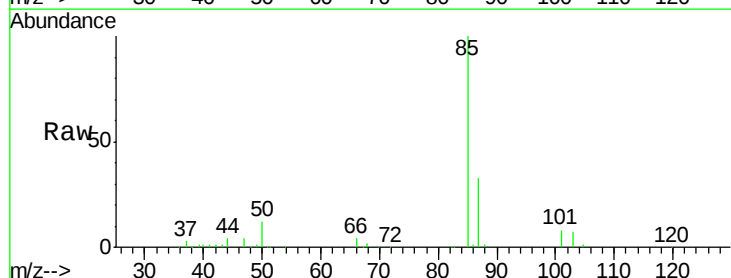
Acq: 08 Jan 2019 17:30

Tgt Ion: 85 Resp: 84646

Ion Ratio Lower Upper

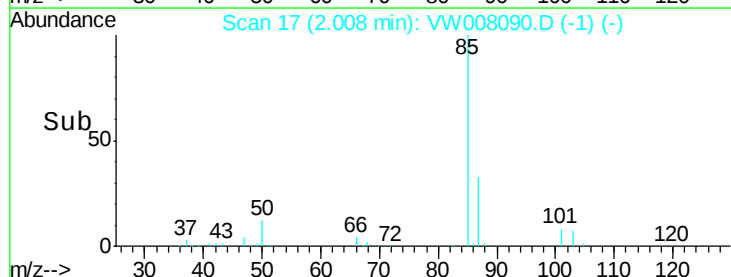
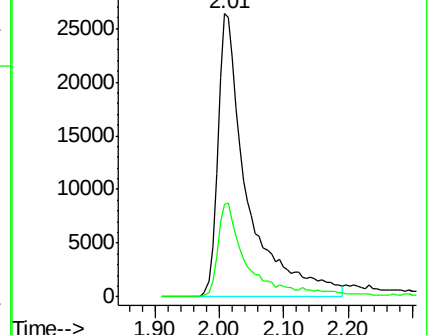
85 100

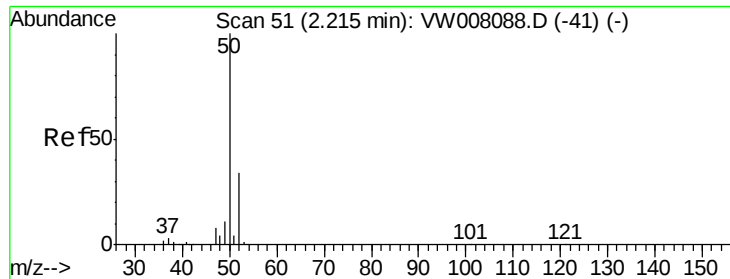
87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 132.430 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

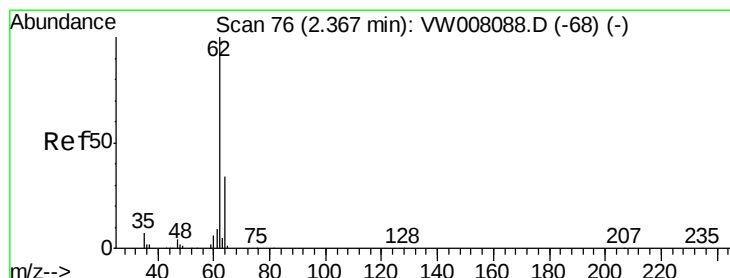
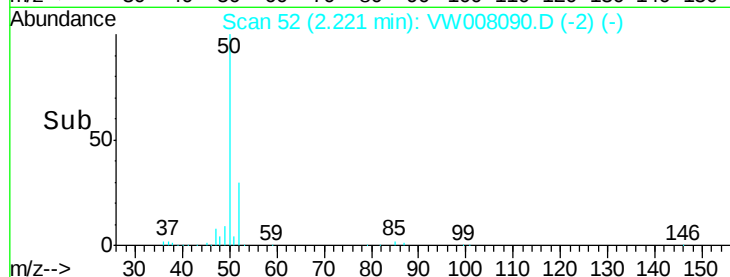
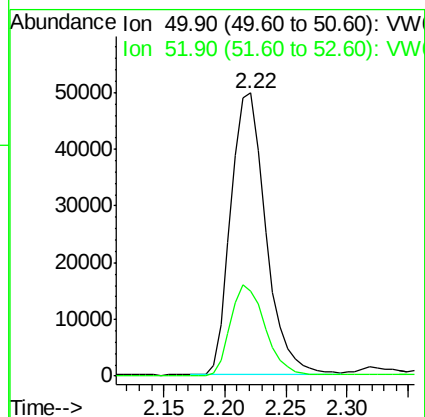
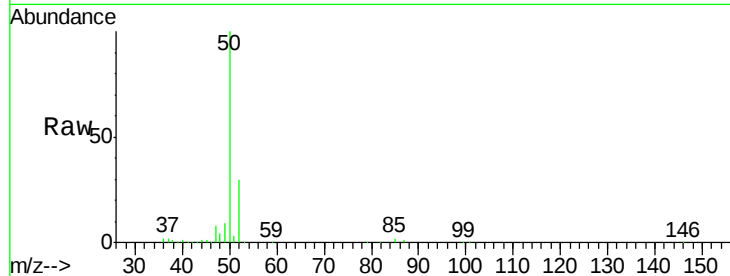
VSTDICC100

Tot Ion: 50 Resp: 99400

Ion Ratio Lower Upper

50 100

52 30.3 26.8 40.2



#4

Vinyl Chloride

Concen: 128.702 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008090.D

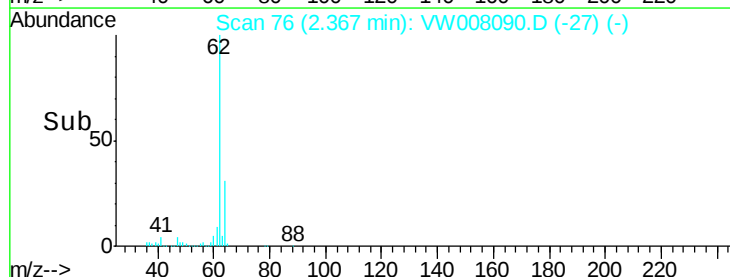
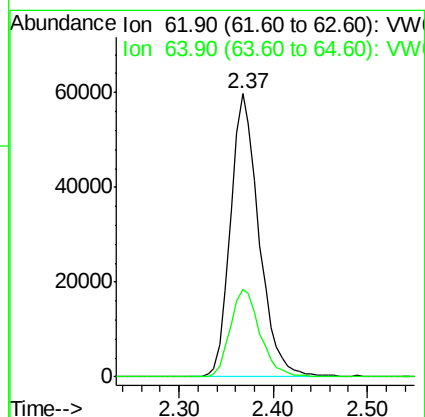
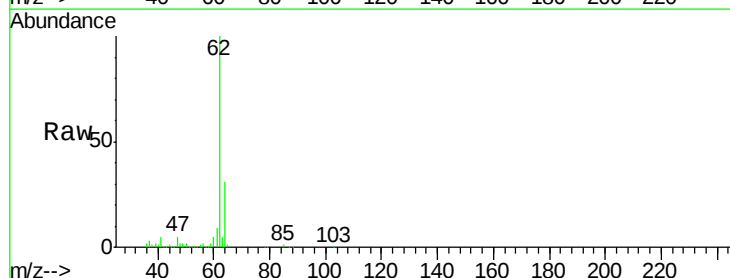
Acq: 08 Jan 2019 17:30

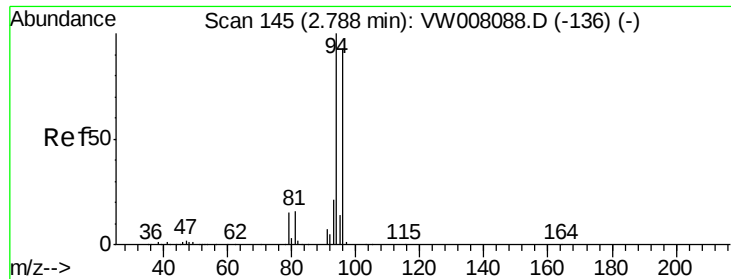
Tgt Ion: 62 Resp: 125652

Ion Ratio Lower Upper

62 100

64 30.9 27.0 40.6





#5

Bromomethane

Concen: 157.873 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

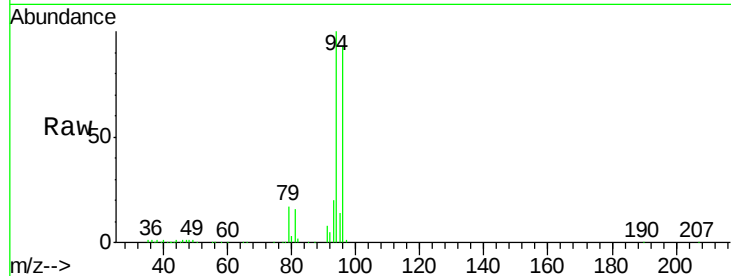
VSTDIC100

Tot Ion: 94 Resp: 100187

Ion Ratio Lower Upper

94 100

96 93.3 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.79

40000

30000

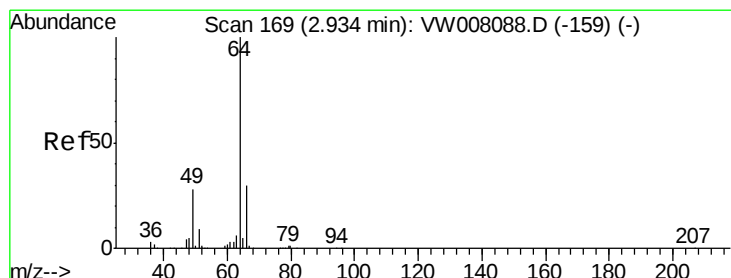
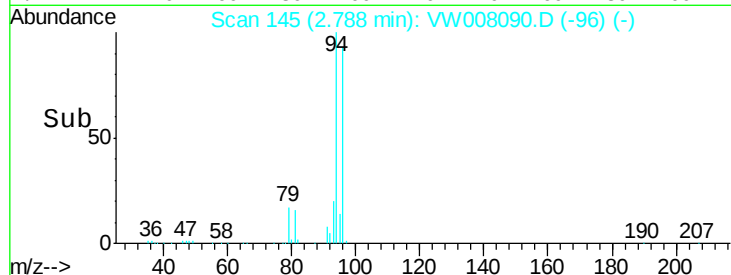
20000

10000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 196.981 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008090.D

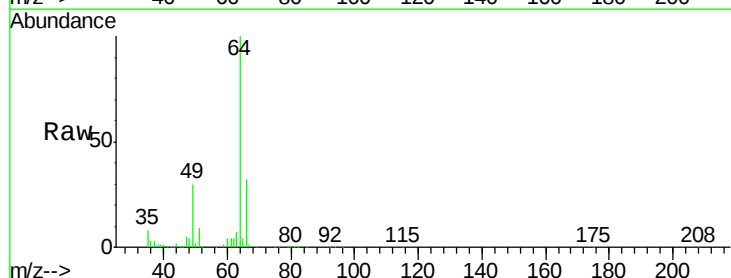
Acq: 08 Jan 2019 17:30

Tgt Ion: 64 Resp: 106814

Ion Ratio Lower Upper

64 100

66 31.7 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

40000

30000

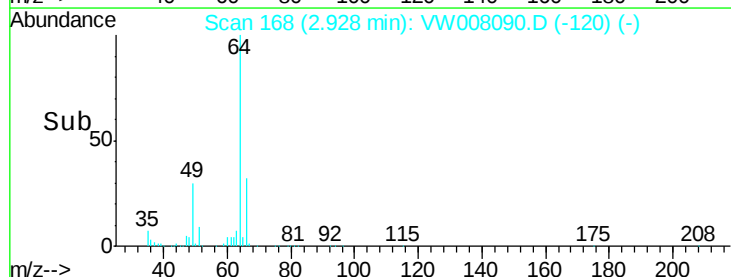
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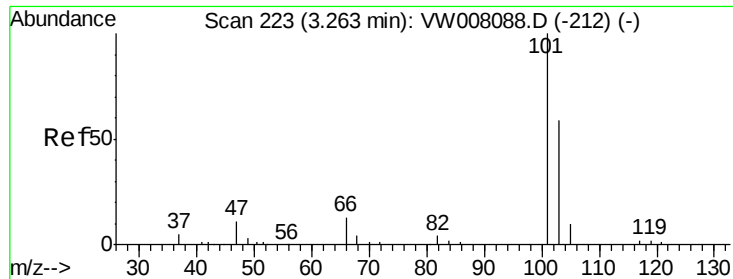
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Time-->

2.80 2.90 3.00 3.10



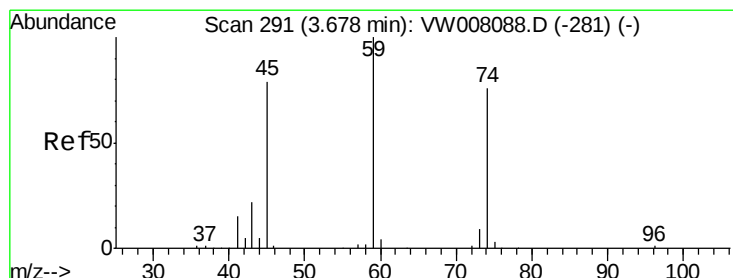
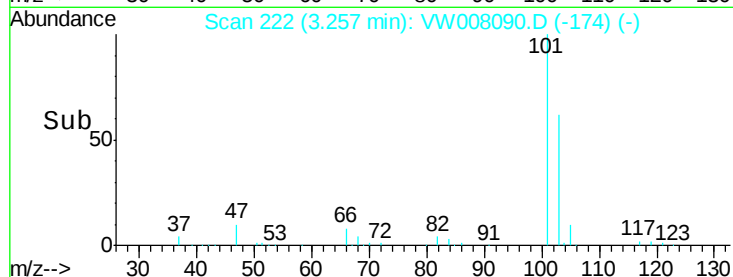
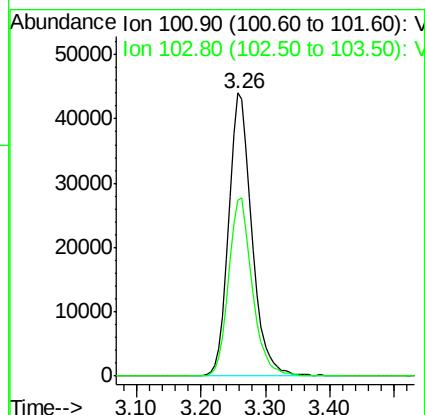
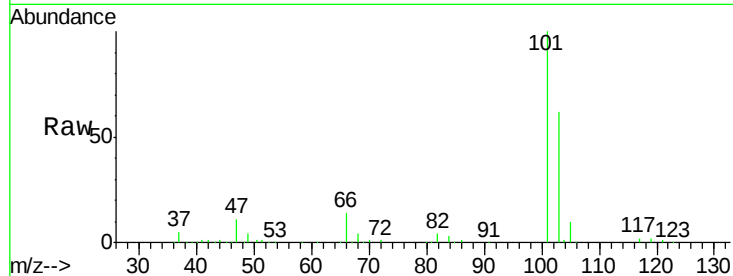


#7

Trichlorofluoromethane  
Concen: 119.423 ug/l  
RT: 3.26 min Scan# 222  
Delta R.T. -0.01 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

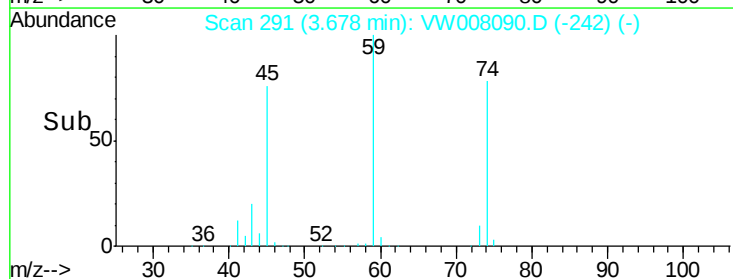
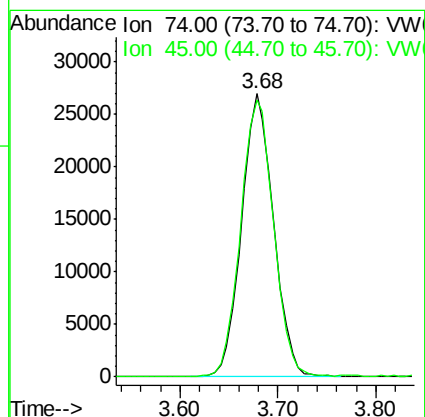
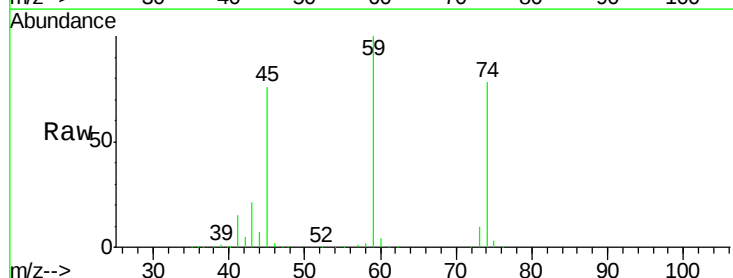
Tot Ion:101 Resp: 112297  
Ion Ratio Lower Upper  
101 100  
103 62.3 47.0 70.6

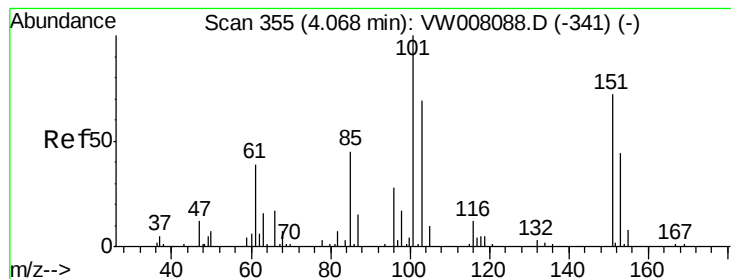


#8

Diethyl Ether  
Concen: 123.703 ug/l  
RT: 3.68 min Scan# 291  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Tgt Ion: 74 Resp: 60991  
Ion Ratio Lower Upper  
74 100  
45 100.8 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.234 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

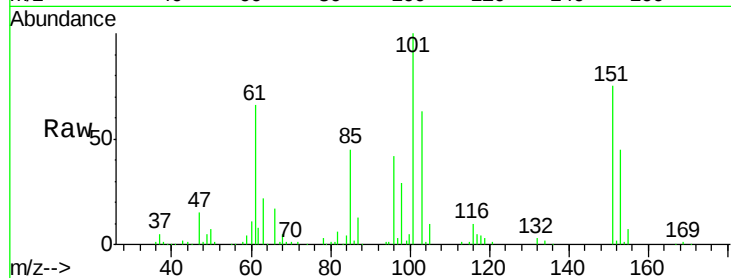
Tot Ion:101 Resp: 110961

Ion Ratio Lower Upper

101 100

85 43.8 35.9 53.9

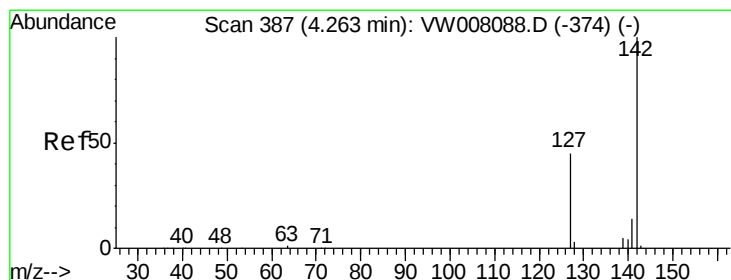
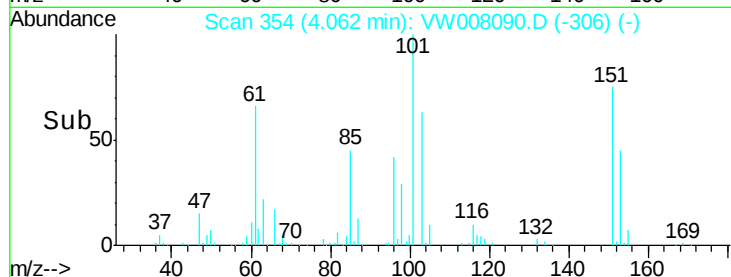
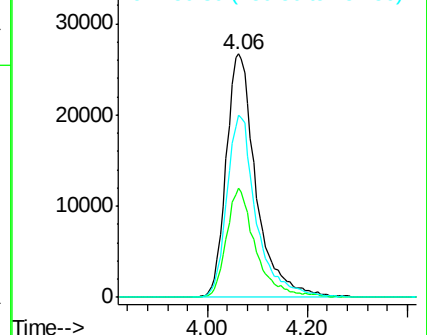
151 73.9 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 100.079 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

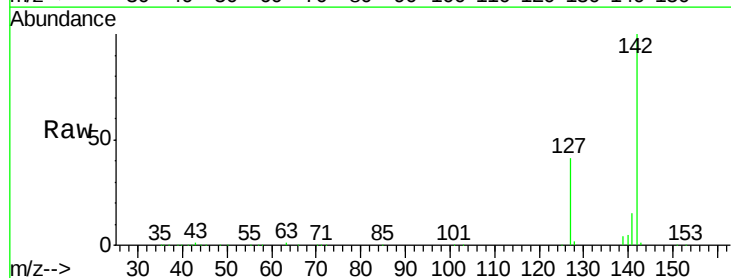
Tgt Ion:142 Resp: 171087

Ion Ratio Lower Upper

142 100

127 42.4 35.0 52.4

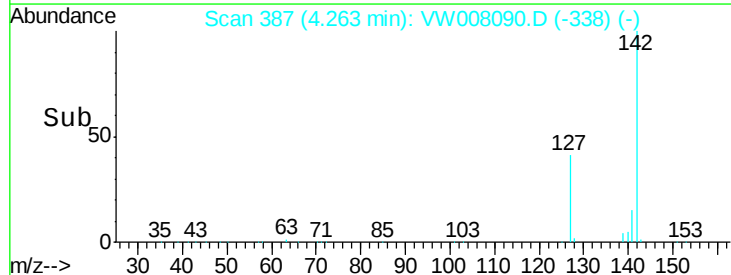
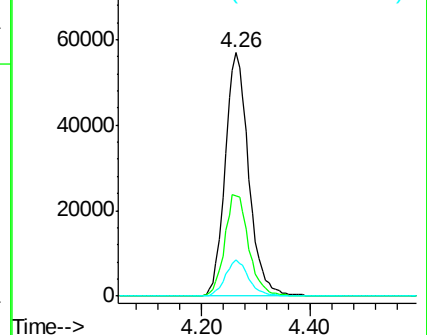
141 14.6 11.8 17.6

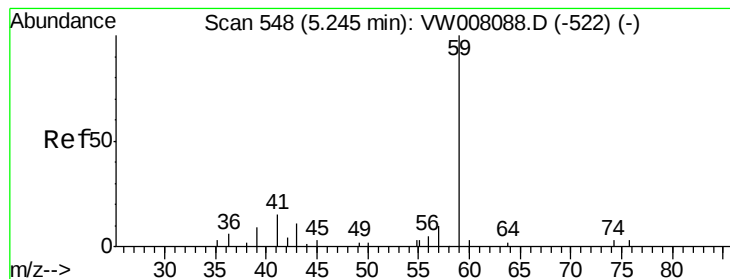


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



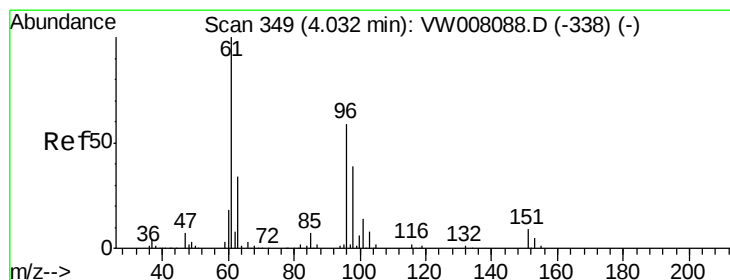
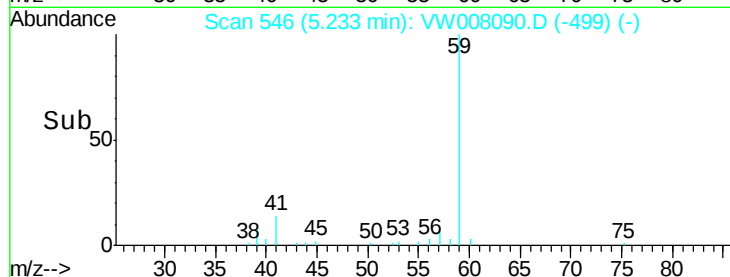
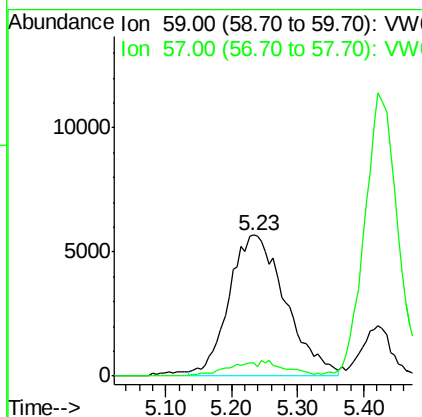
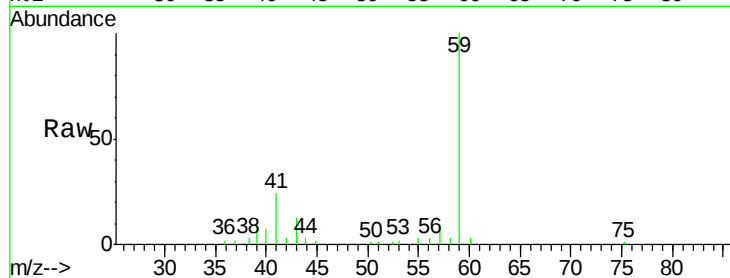


#11

Tert butyl alcohol  
 Concen: 445.755 ug/l  
 RT: 5.23 min Scan# 546  
 Delta R.T. -0.01 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC100

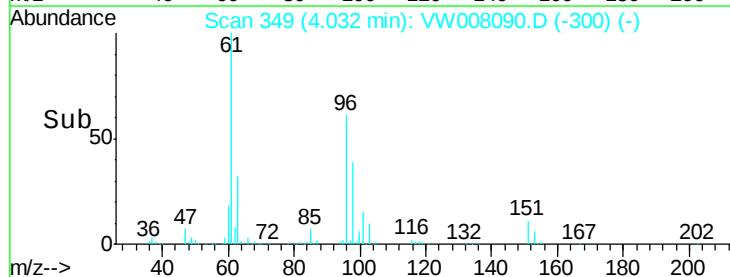
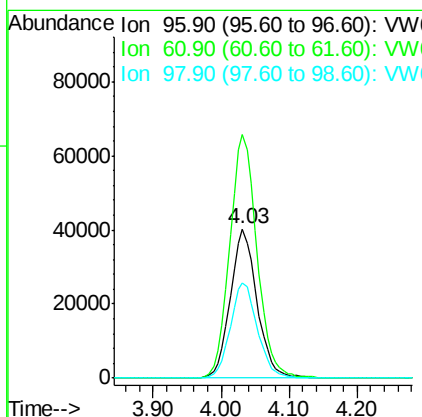
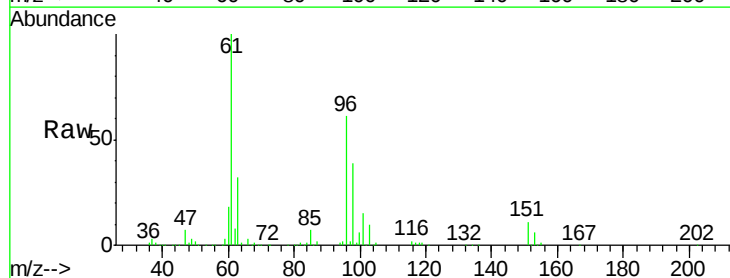
Tot Ion: 59 Resp: 33390  
 Ion Ratio Lower Upper  
 59 100  
 57 5.4 0.0 0.0#

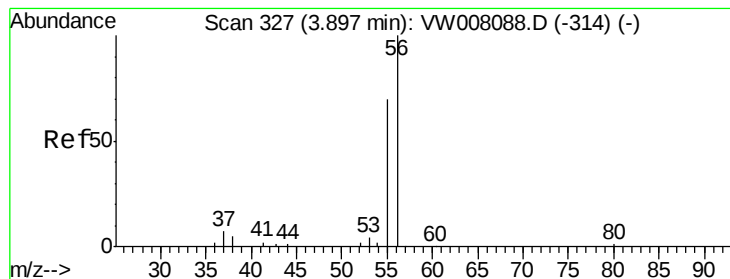


#12

1,1-Dichloroethene  
 Concen: 105.309 ug/l  
 RT: 4.03 min Scan# 349  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Tgt Ion: 96 Resp: 109506  
 Ion Ratio Lower Upper  
 96 100  
 61 163.4 135.4 203.2  
 98 64.1 52.5 78.7





#13

Acrolein

Concen: 737.023 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

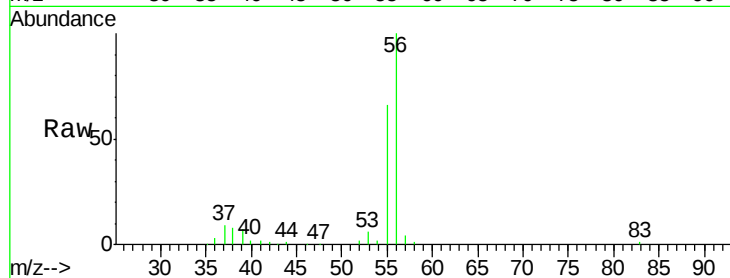
VSTDIC100

Tot Ion: 56 Resp: 40820

Ion Ratio Lower Upper

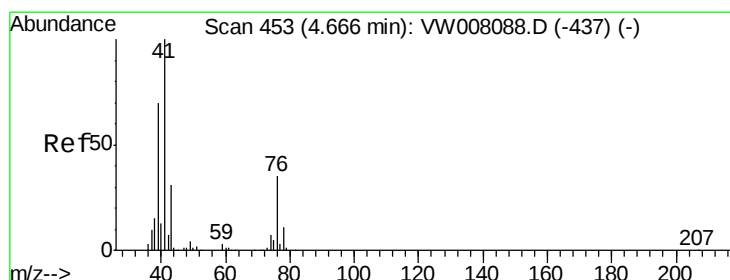
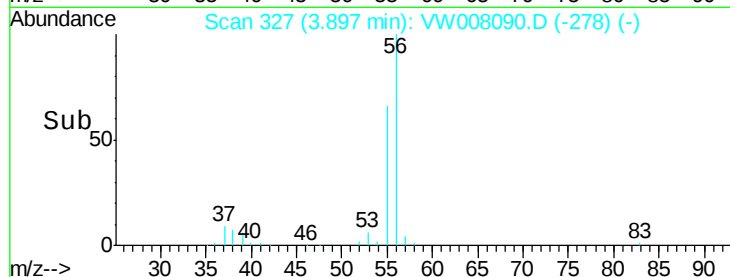
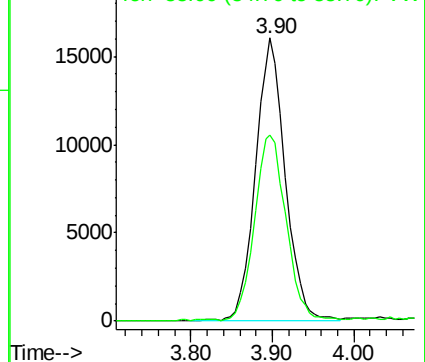
56 100

55 69.7 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 133.872 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

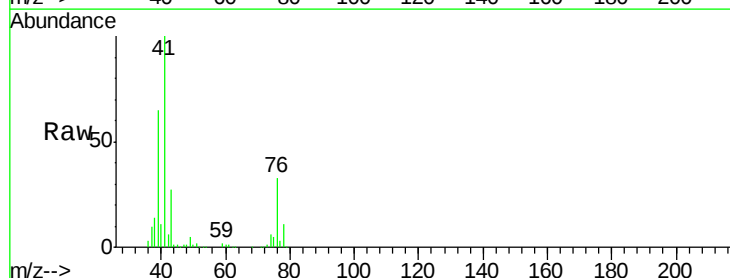
Tgt Ion: 41 Resp: 199930

Ion Ratio Lower Upper

41 100

39 65.9 53.8 80.8

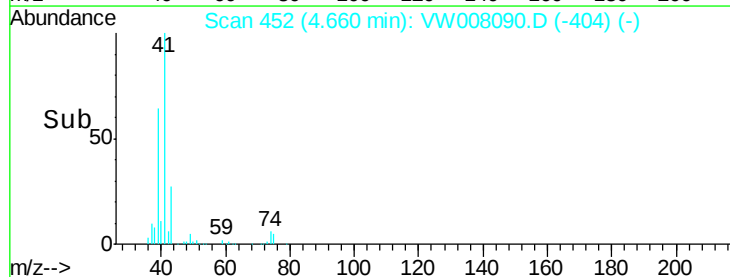
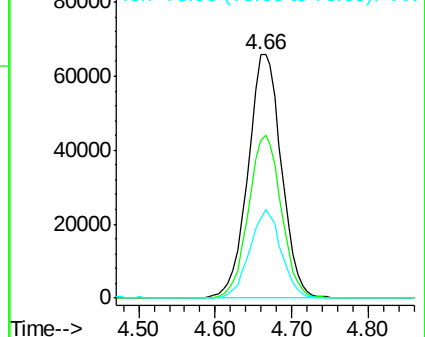
76 33.9 27.6 41.4

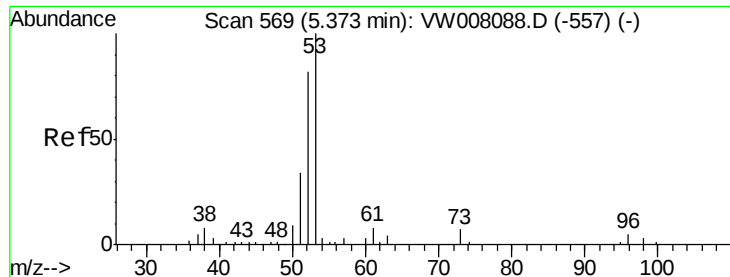


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 660.907 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

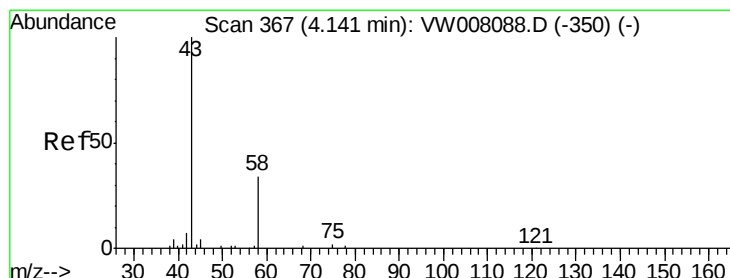
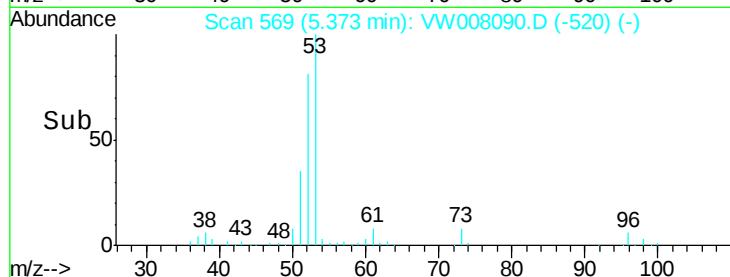
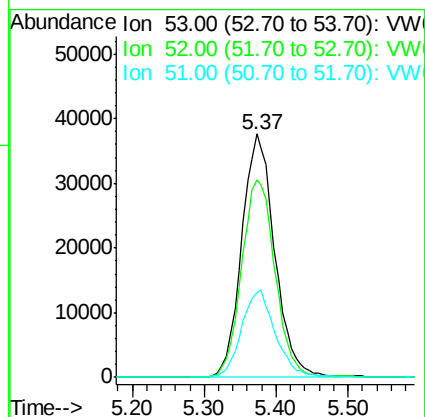
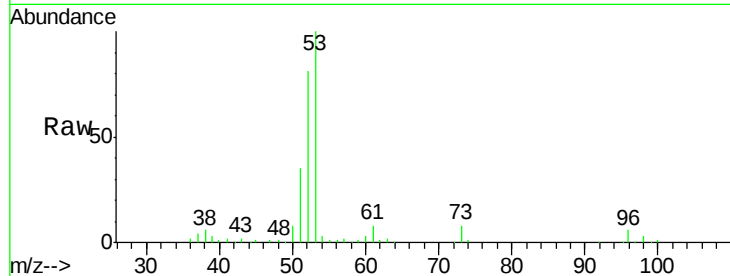
Tot Ion: 53 Resp: 119765

Ion Ratio Lower Upper

53 100

52 82.5 66.8 100.2

51 37.0 29.7 44.5



#16

Acetone

Concen: 542.019 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008090.D

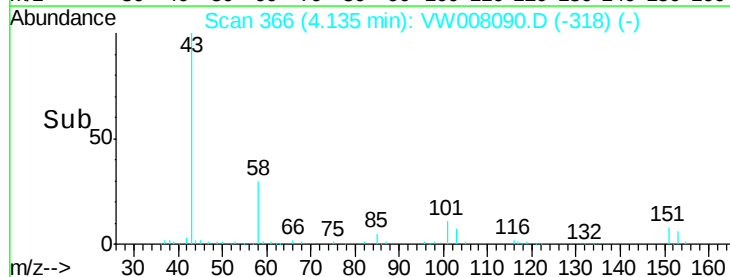
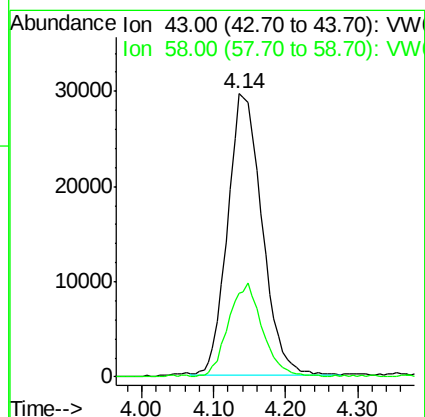
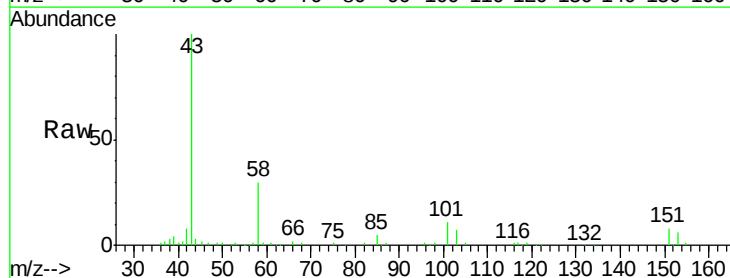
Acq: 08 Jan 2019 17:30

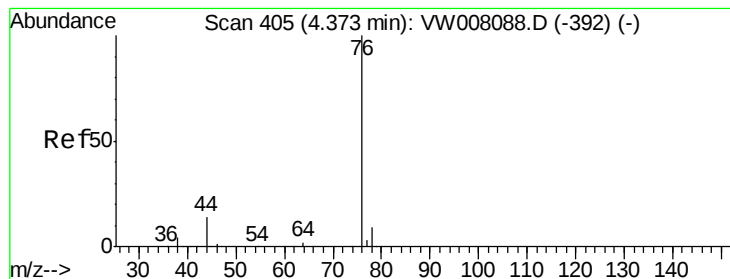
Tgt Ion: 43 Resp: 98560

Ion Ratio Lower Upper

43 100

58 29.5 27.5 41.3





#17

Carbon Disulfide

Concen: 109.148 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

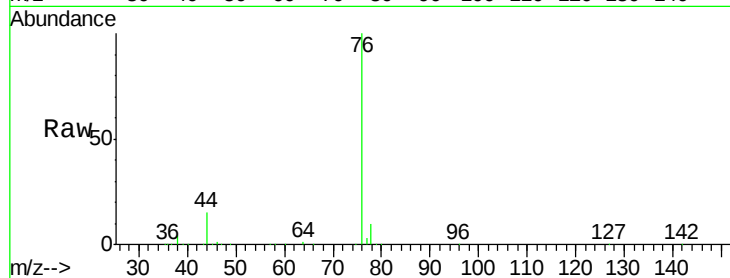
VSTDIC100

Tot Ion: 76 Resp: 347342

Ion Ratio Lower Upper

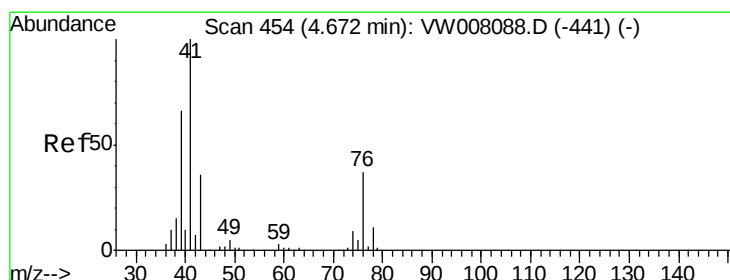
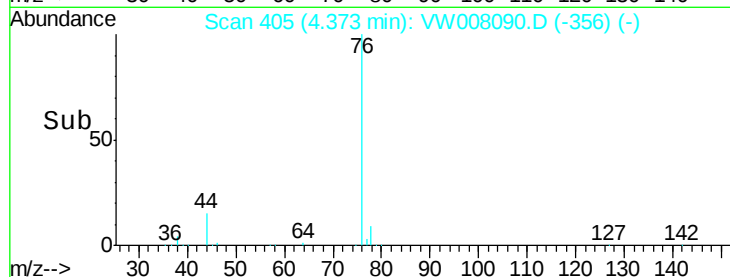
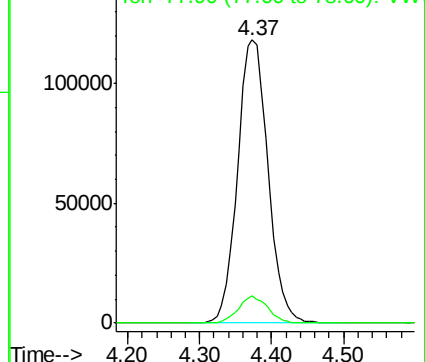
76 100

78 9.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 147.233 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008090.D

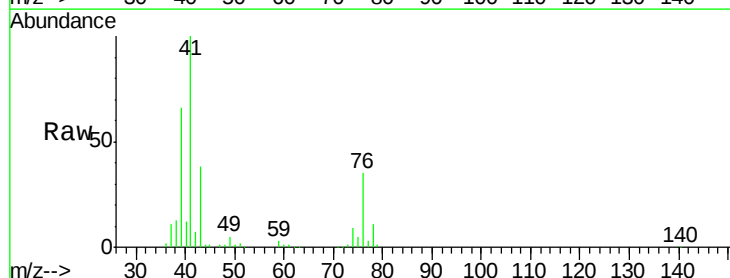
Acq: 08 Jan 2019 17:30

Tgt Ion: 43 Resp: 73340

Ion Ratio Lower Upper

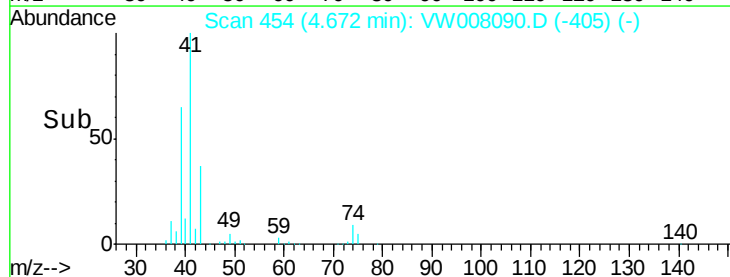
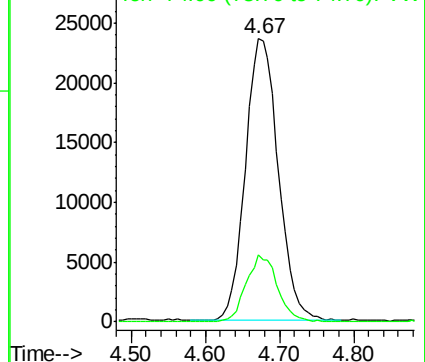
43 100

74 22.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

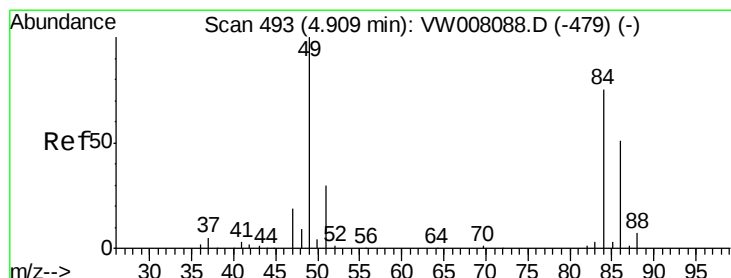
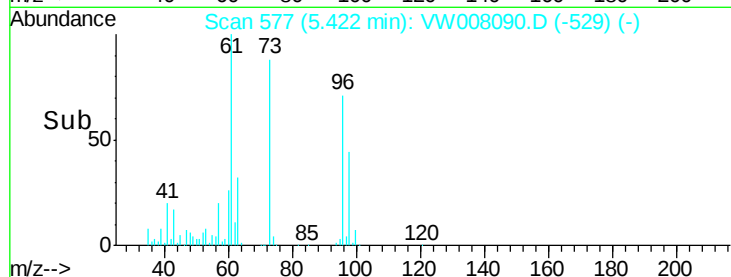
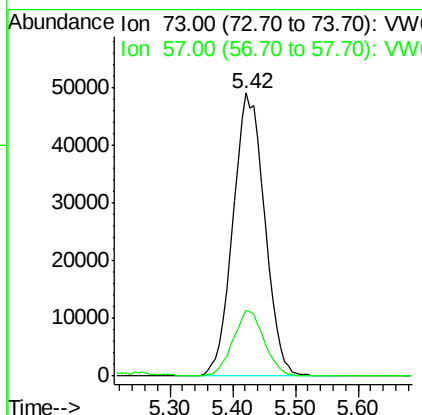
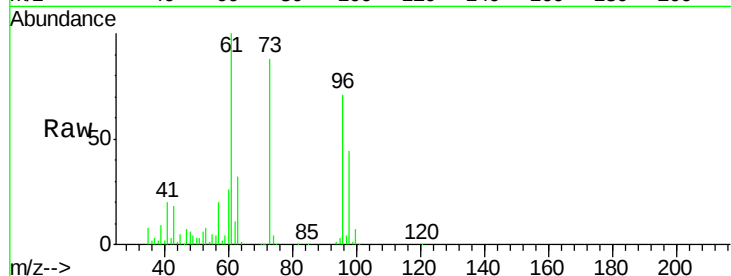




#19  
Methvl tert-butvl Ether  
Concen: 104.466 ug/l  
RT: 5.42 min Scan# 577  
Delta R.T. -0.01 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

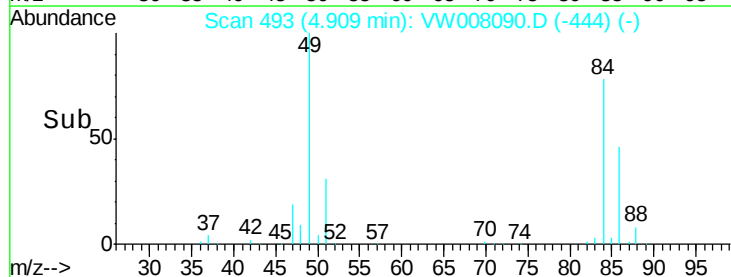
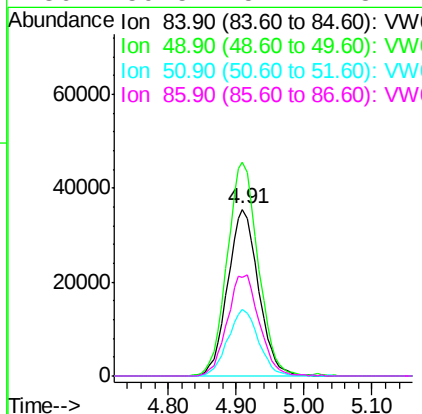
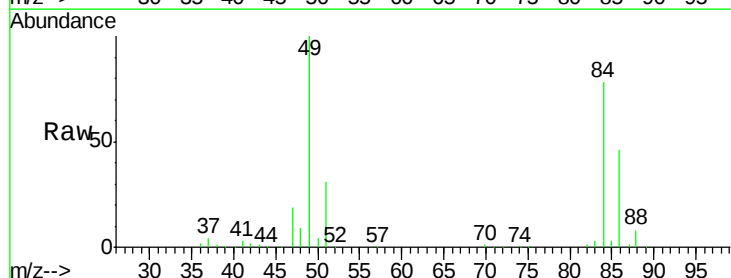
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

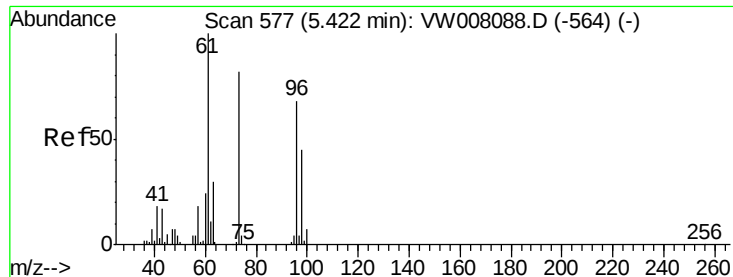
Tot Ion: 73 Resp: 171162  
Ion Ratio Lower Upper  
73 100  
57 23.3 16.7 25.1



#20  
Methylene Chloride  
Concen: 91.282 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Tgt Ion: 84 Resp: 111378  
Ion Ratio Lower Upper  
84 100  
49 128.0 107.1 160.7  
51 40.0 32.4 48.6  
86 59.5 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 102.612 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

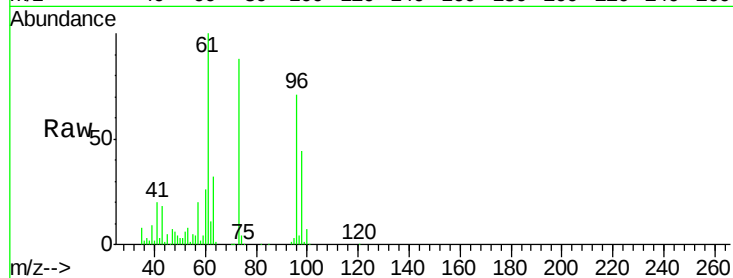
Tot Ion: 96 Resp: 115993

Ion Ratio Lower Upper

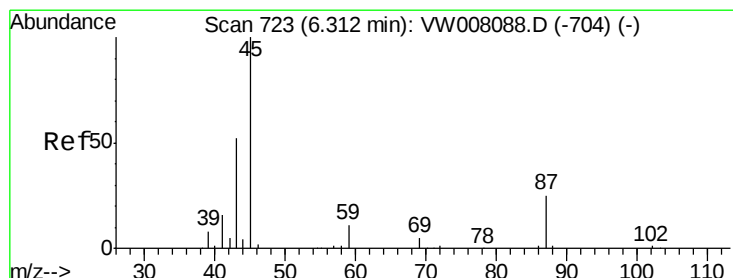
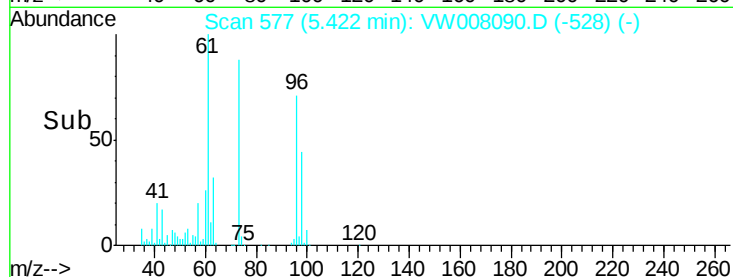
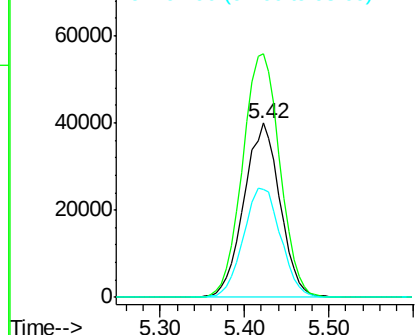
96 100

61 139.8 117.4 176.0

98 62.0 52.2 78.4



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: 137.140 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Tgt Ion: 45 Resp: 370637

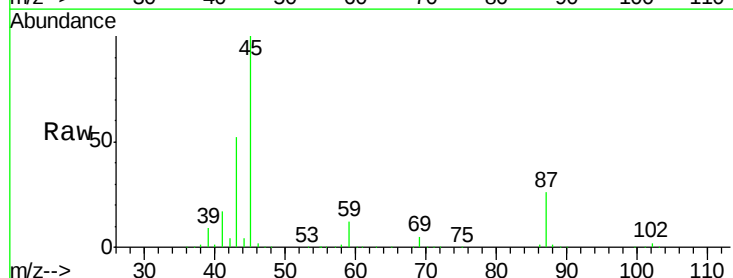
Ion Ratio Lower Upper

45 100

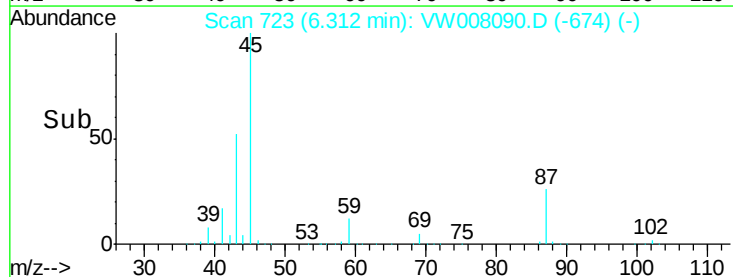
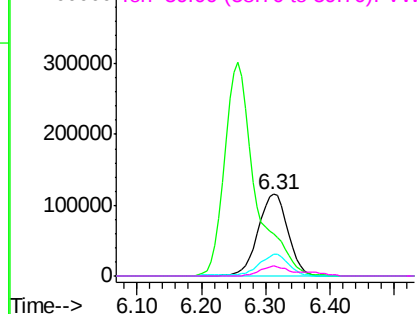
43 52.1 41.7 62.5

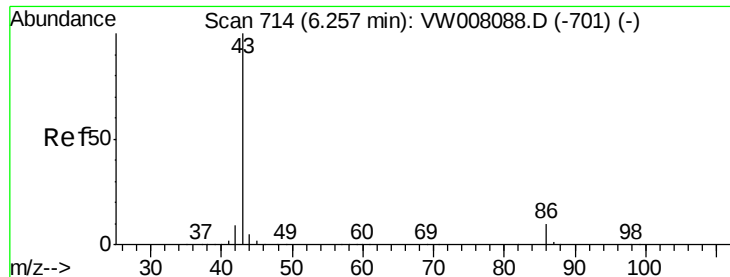
87 26.0 20.1 30.1

59 11.7 8.8 13.2



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

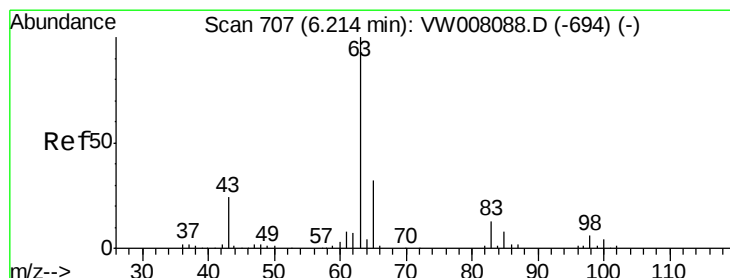
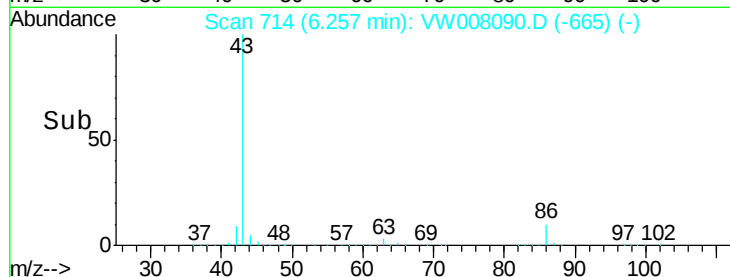
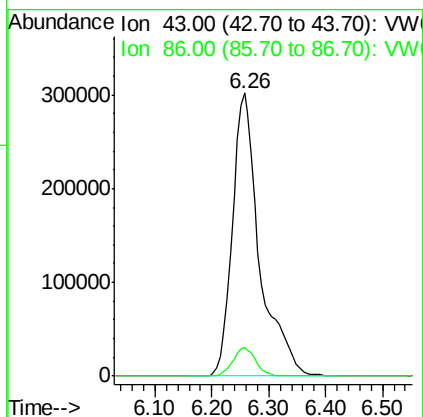
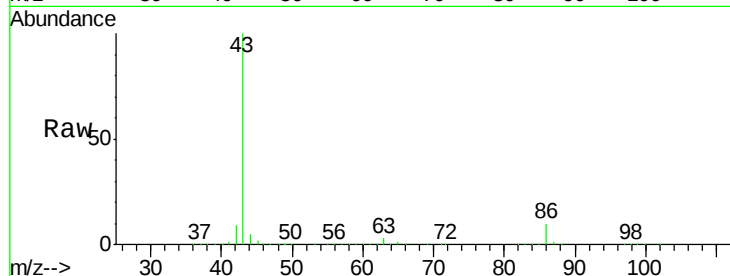




#23  
 Vinyl Acetate  
 Concen: 675.243 ug/l  
 RT: 6.26 min Scan# 714  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

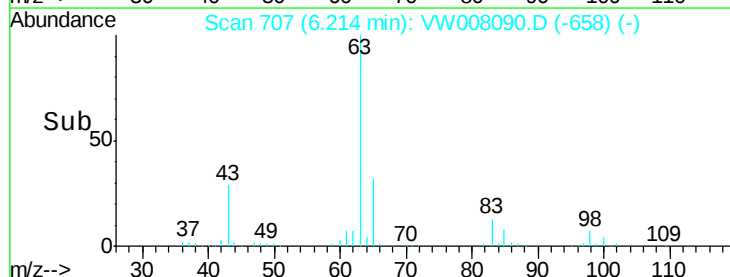
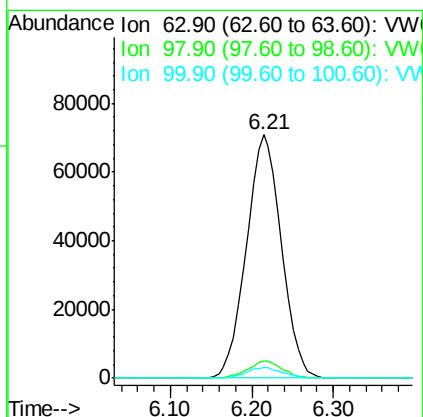
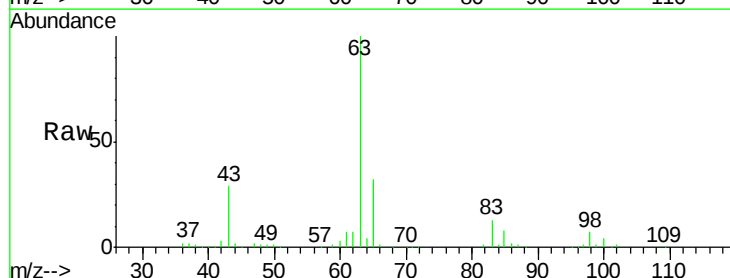
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

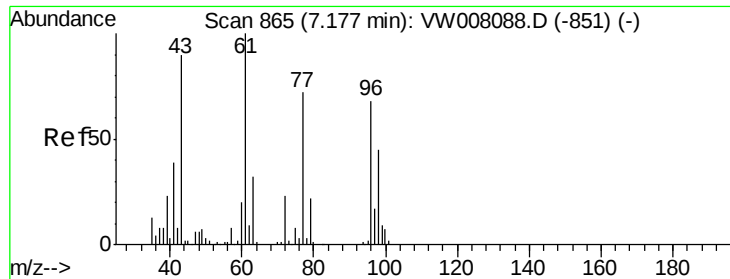
Tot Ion: 43 Resp: 1007995  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 7.7 11.5



#24  
 1,1-Dichloroethane  
 Concen: 111.014 ug/l  
 RT: 6.21 min Scan# 707  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Tgt Ion: 63 Resp: 211818  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.2 9.6  
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 659.818 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

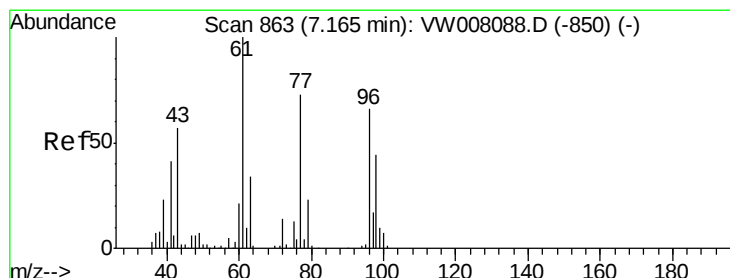
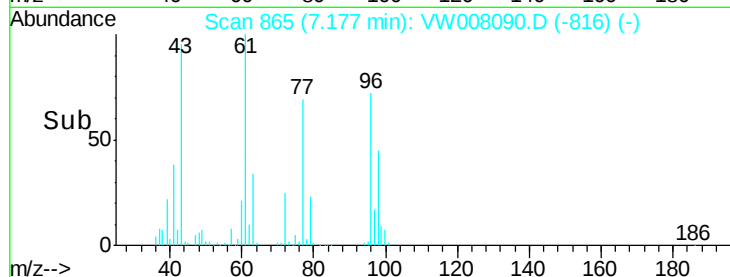
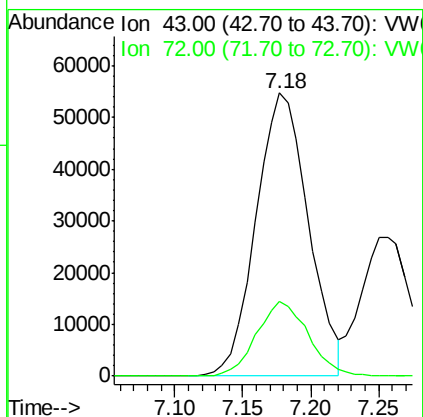
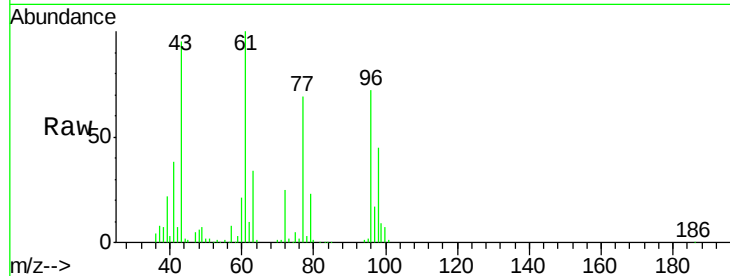
VSTDIC100

Tot Ion: 43 Resp: 146546

Ion Ratio Lower Upper

43 100

72 26.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 90.507 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008090.D

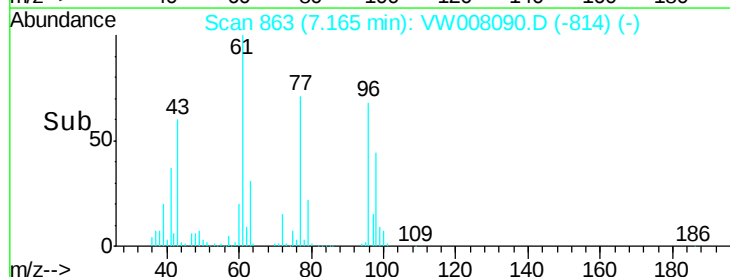
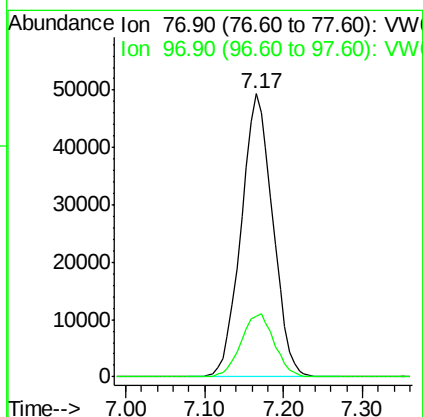
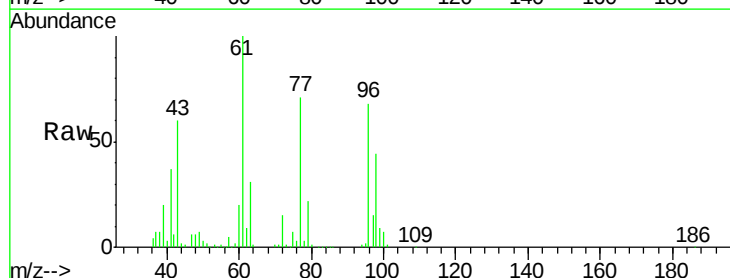
Acq: 08 Jan 2019 17:30

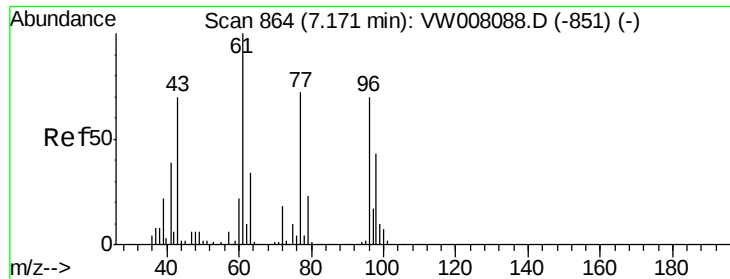
Tgt Ion: 77 Resp: 137664

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1



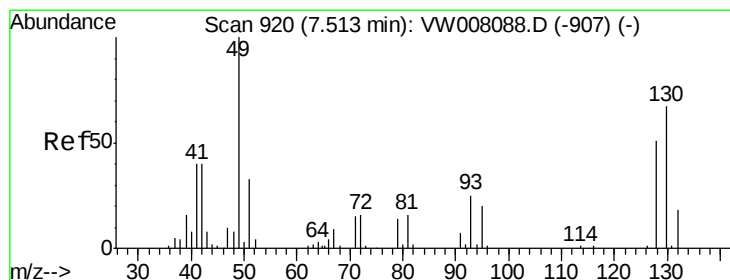
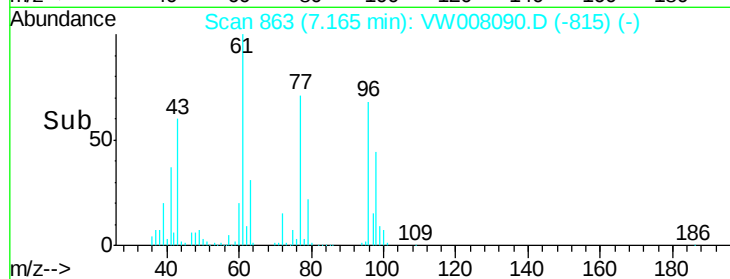
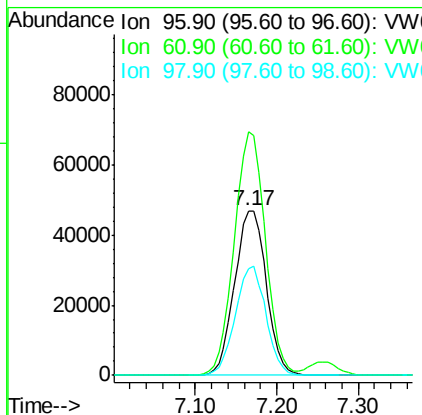
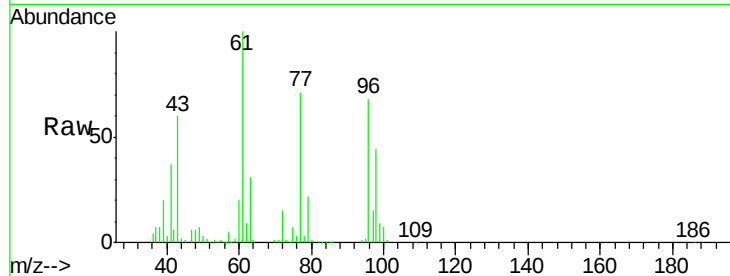


#27

cis-1,2-Dichloroethene  
 Concen: 104.863 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. -0.01 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

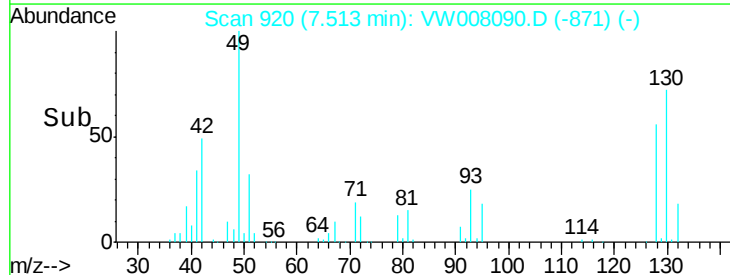
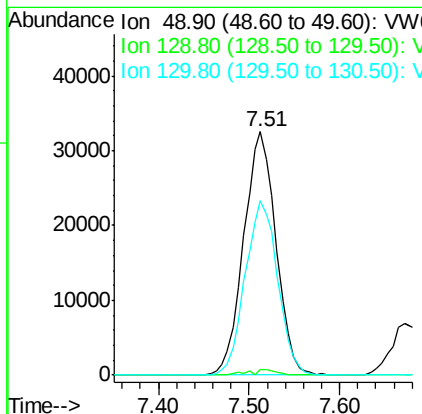
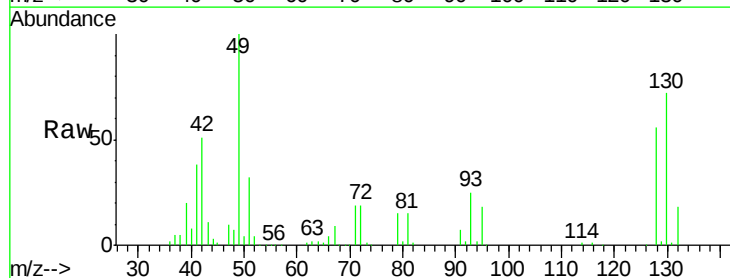
Tot Ion: 96 Resp: 126599  
 Ion Ratio Lower Upper  
 96 100  
 61 144.6 0.0 300.4  
 98 64.0 0.0 128.4

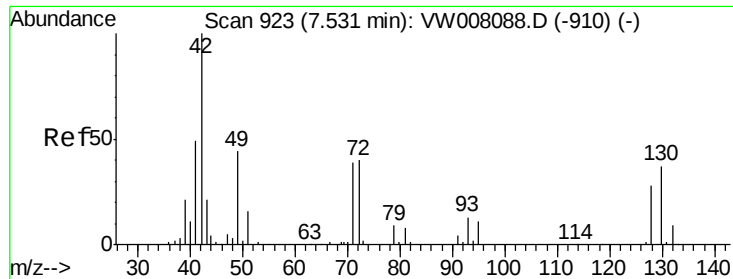


#28

Bromochloromethane  
 Concen: 123.453 ug/l  
 RT: 7.51 min Scan# 920  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Tgt Ion: 49 Resp: 80062  
 Ion Ratio Lower Upper  
 49 100  
 129 1.4 0.0 2.8  
 130 72.3 54.3 81.5

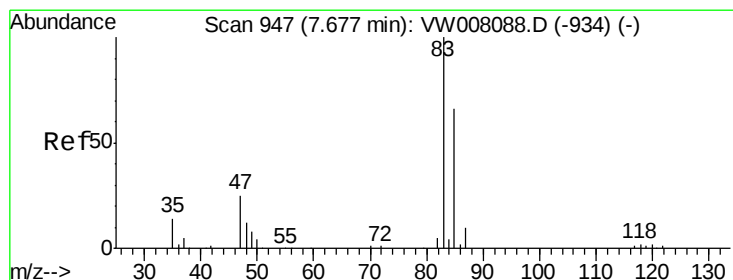
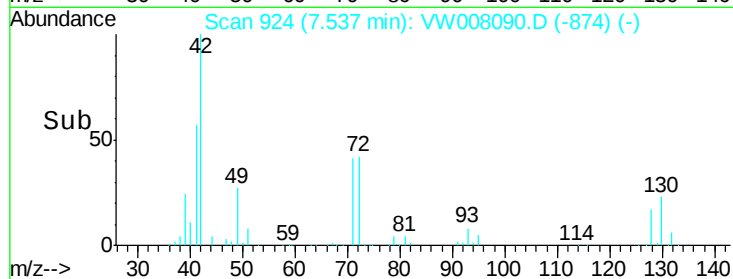
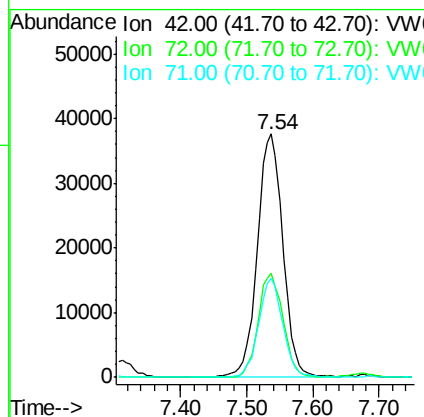
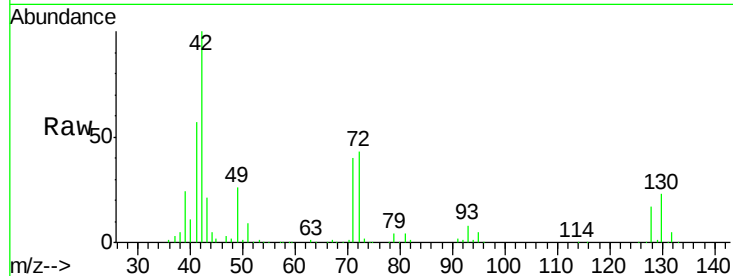




#29  
Tetrahydrofuran  
Concen: 717.541 ug/l  
RT: 7.54 min Scan# 924  
Delta R.T. 0.01 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

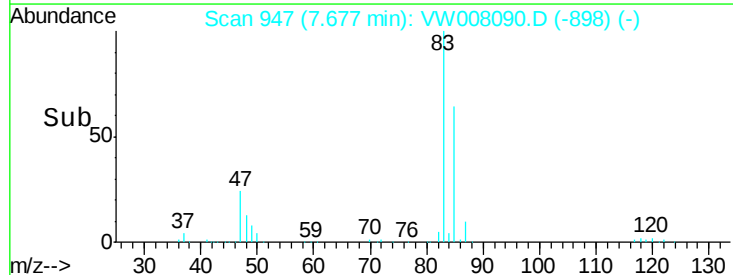
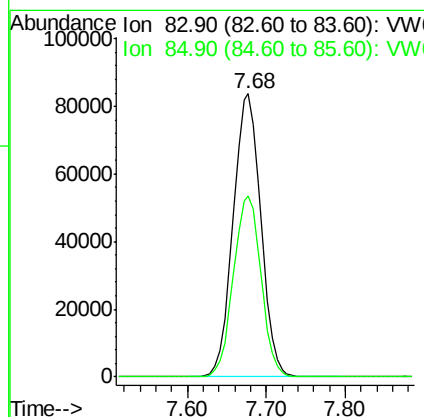
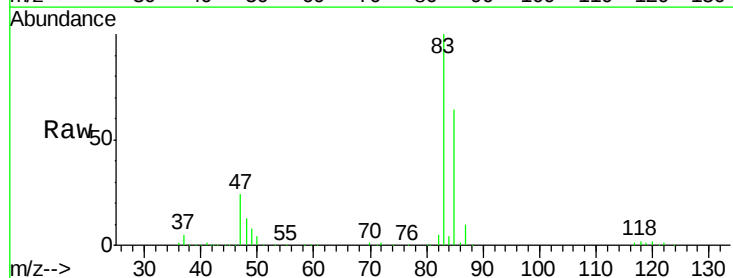
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

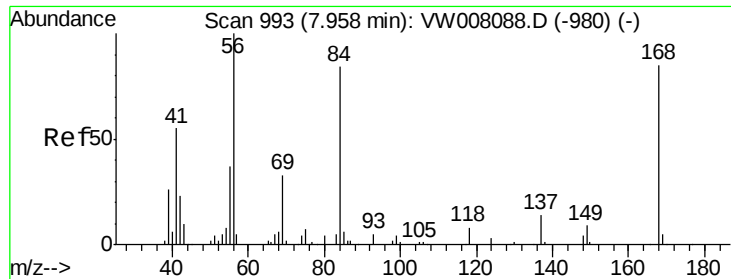
Tot Ion: 42 Resp: 101335  
Ion Ratio Lower Upper  
42 100  
72 41.6 32.4 48.6  
71 38.4 31.3 46.9



#30  
Chloroform  
Concen: 97.832 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Tgt Ion: 83 Resp: 204068  
Ion Ratio Lower Upper  
83 100  
85 63.9 53.2 79.8





#31

Cyclohexane

Concen: 116.213 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

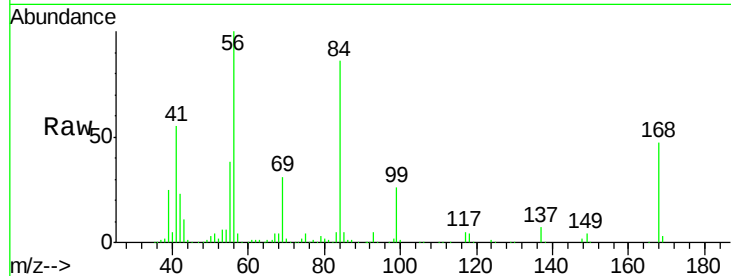
Tot Ion: 56 Resp: 212918

Ion Ratio Lower Upper

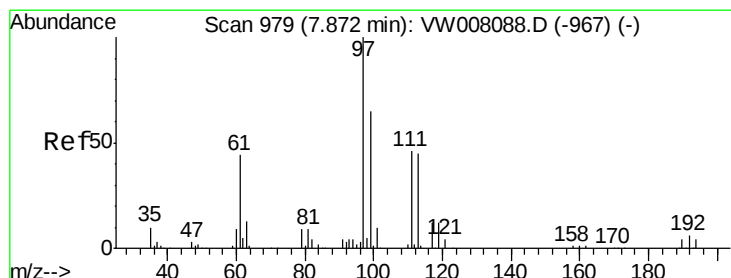
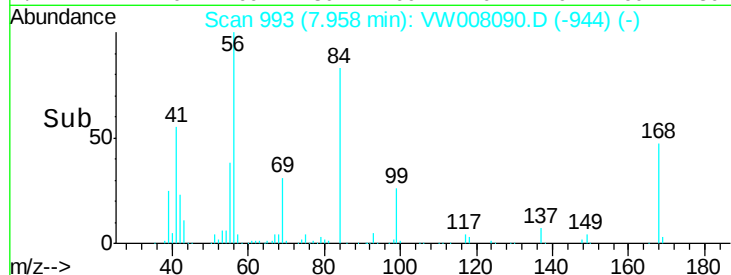
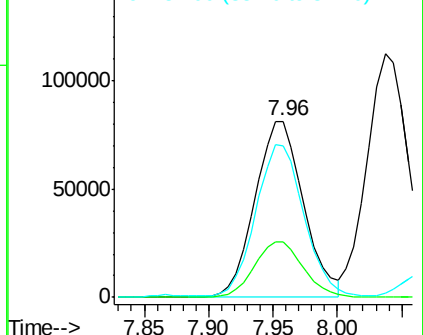
56 100

69 31.2 26.2 39.4

84 84.9 67.4 101.2



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: 91.111 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

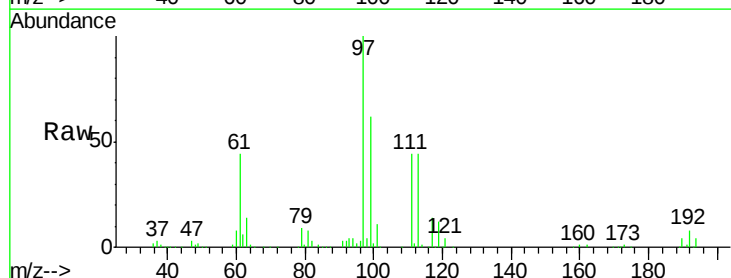
Tgt Ion: 97 Resp: 178596

Ion Ratio Lower Upper

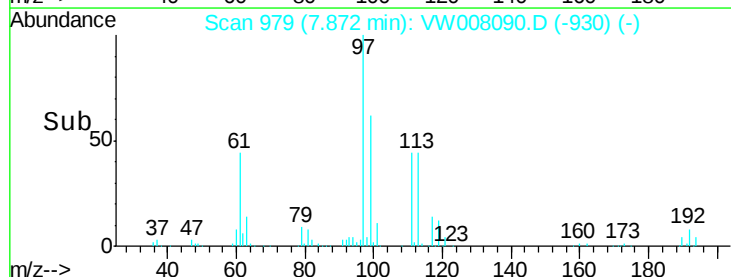
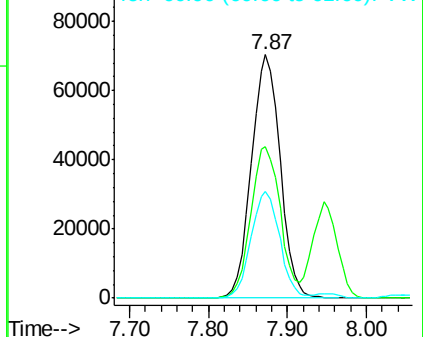
97 100

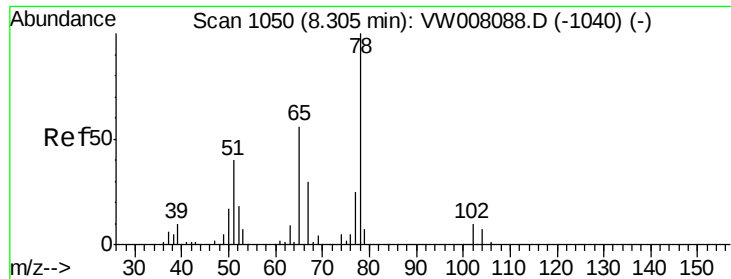
99 64.2 51.4 77.0

61 43.6 35.6 53.4



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

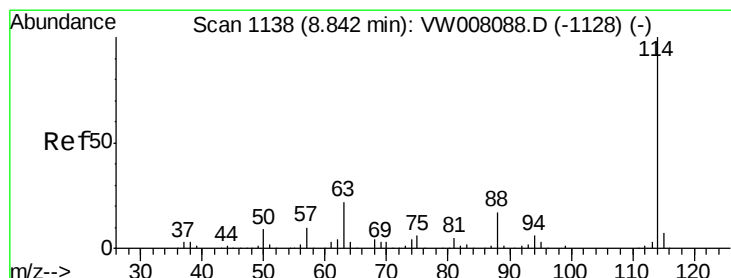
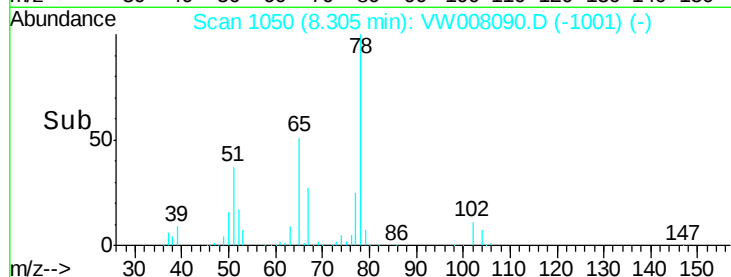
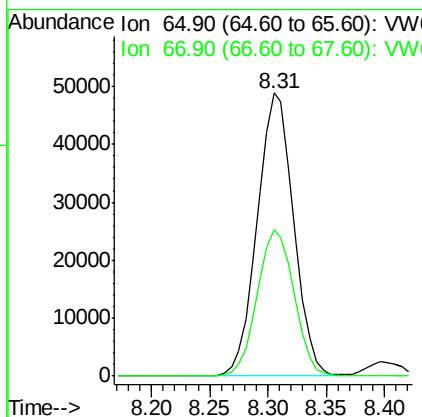
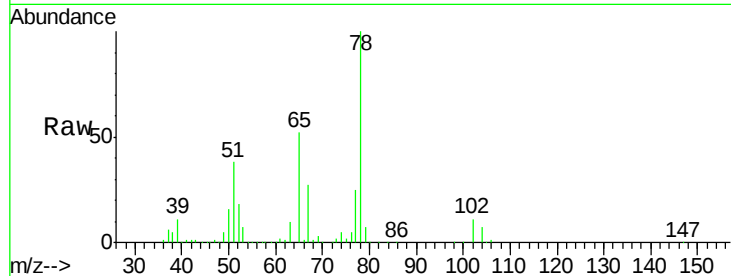




#33  
 1,2-Dichloroethane-d4  
 Concen: 92.369 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

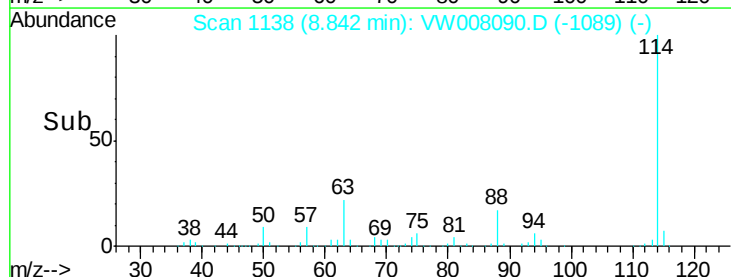
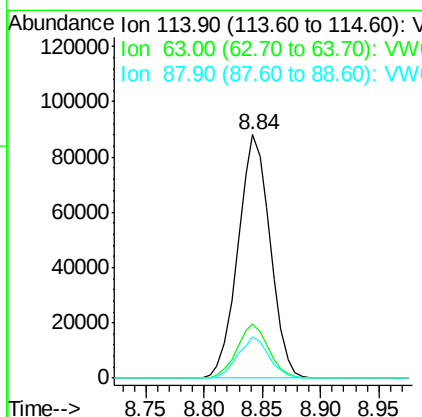
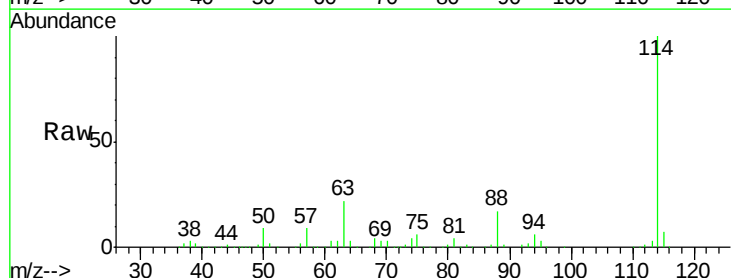
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC100

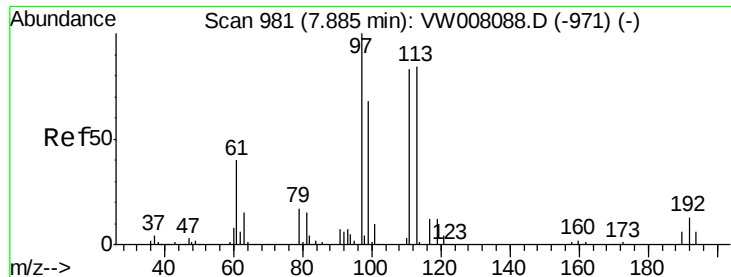
Tot Ion: 65 Resp: 105549  
 Ion Ratio Lower Upper  
 65 100  
 67 52.4 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Tgt Ion: 114 Resp: 169628  
 Ion Ratio Lower Upper  
 114 100  
 63 22.0 0.0 43.4  
 88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 94.990 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

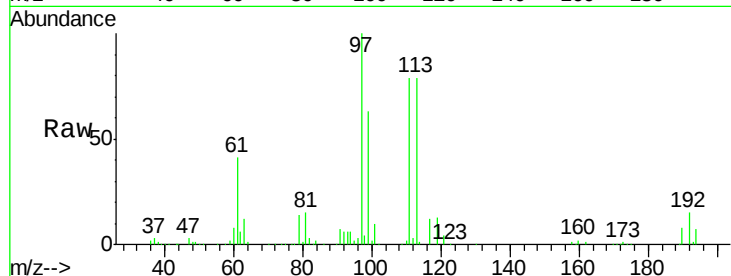
Tot Ion:113 Resp: 99899

Ion Ratio Lower Upper

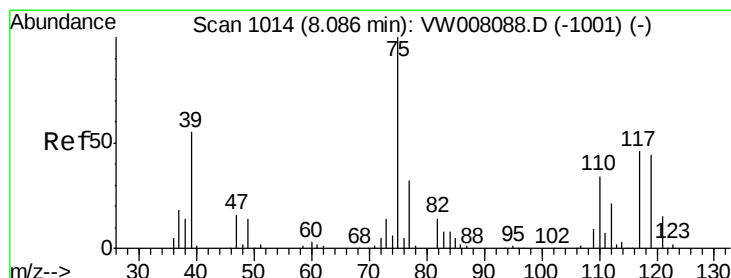
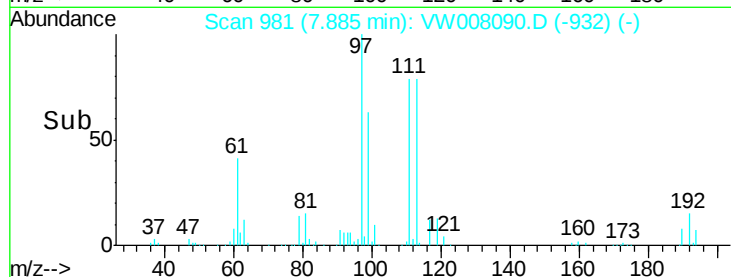
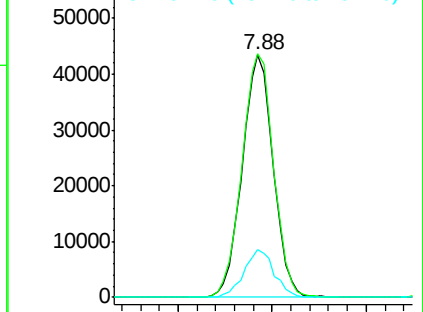
113 100

111 102.7 81.8 122.8

192 19.2 12.8 19.2#



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: 105.086 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

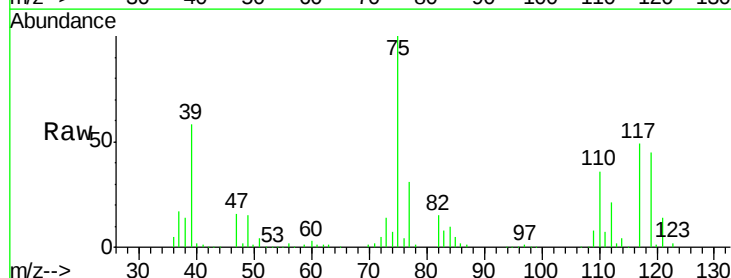
Tgt Ion: 75 Resp: 174523

Ion Ratio Lower Upper

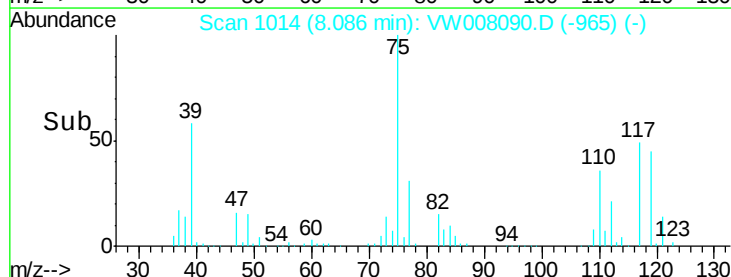
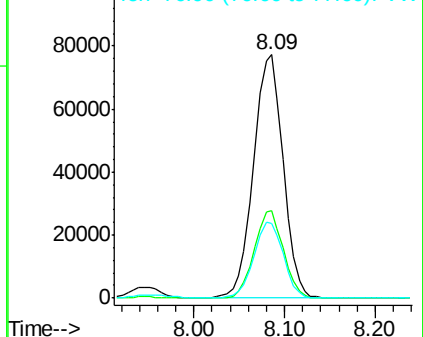
75 100

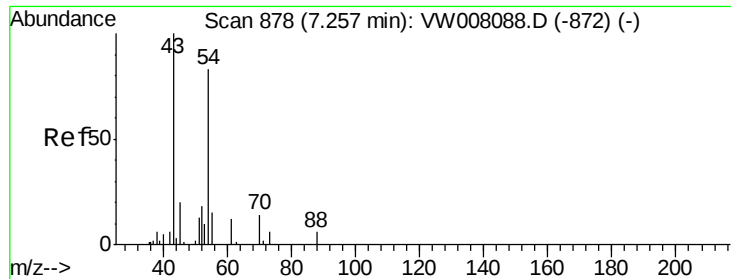
110 35.2 17.1 51.3

77 31.2 25.5 38.3



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

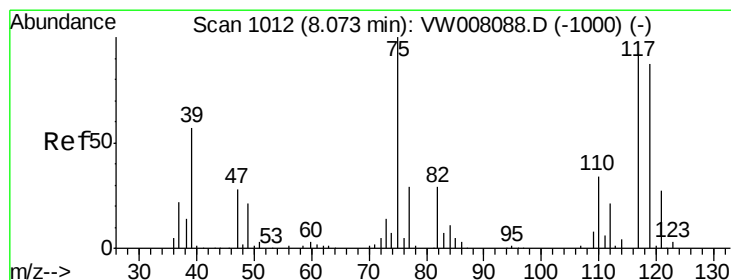
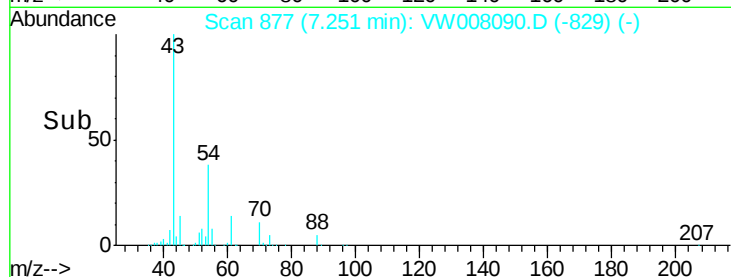
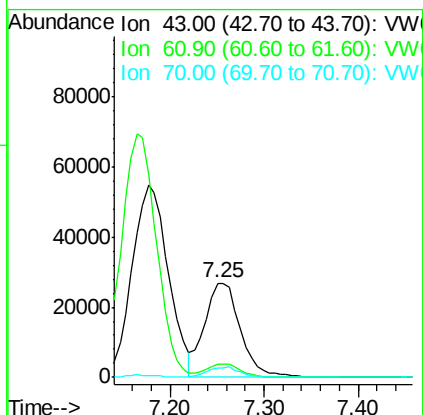
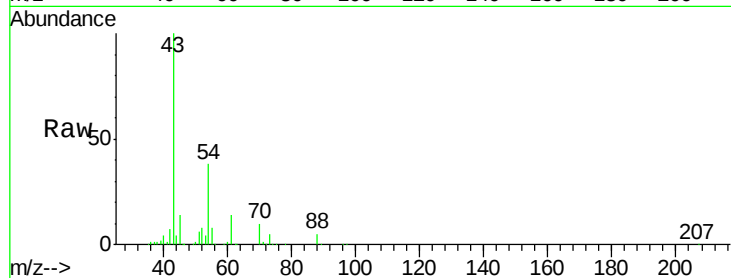




#37  
Ethyl Acetate  
Concen: 132.784 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

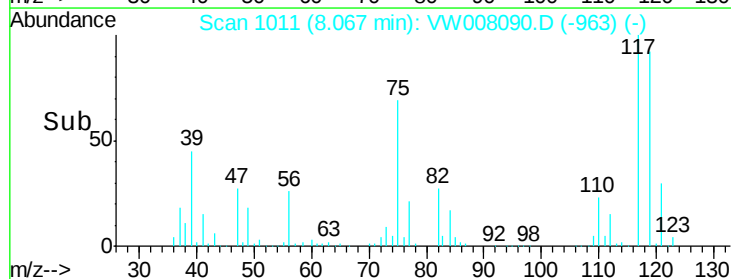
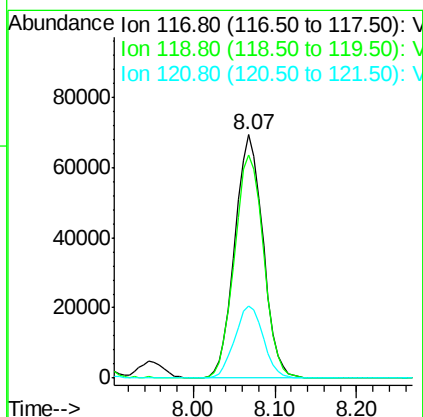
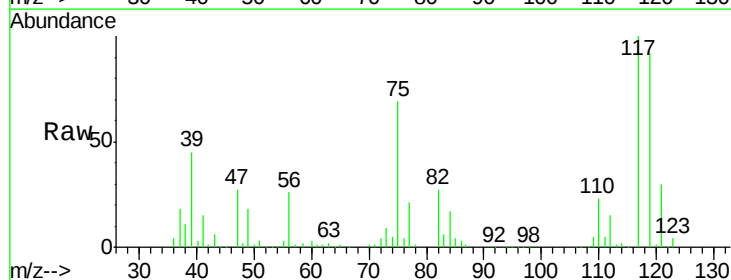
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

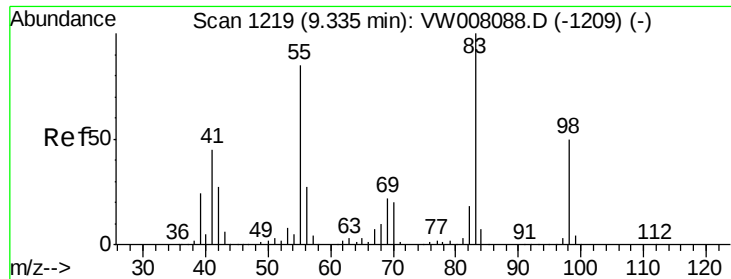
Tot Ion: 43 Resp: 70321  
Ion Ratio Lower Upper  
43 100  
61 13.8 10.6 16.0  
70 10.2 8.9 13.3



#38  
Carbon Tetrachloride  
Concen: 86.828 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Tgt Ion: 117 Resp: 166010  
Ion Ratio Lower Upper  
117 100  
119 91.8 75.8 113.8  
121 29.7 23.7 35.5

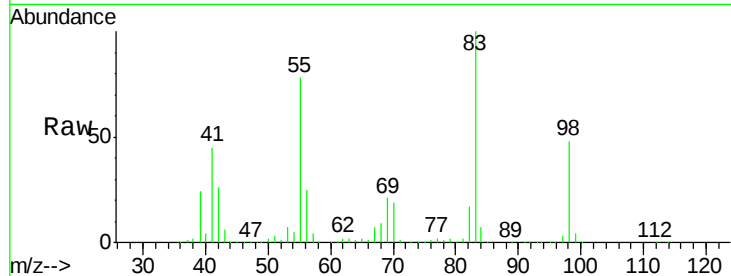




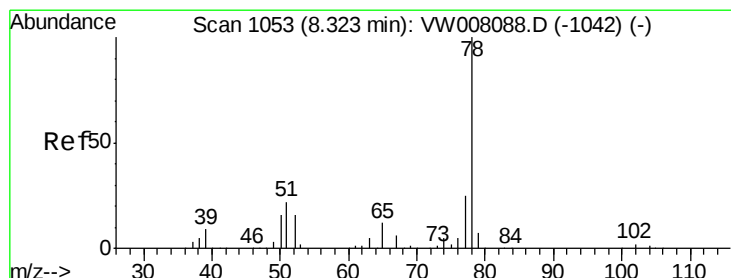
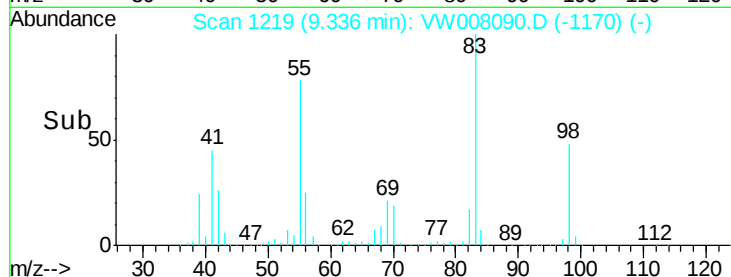
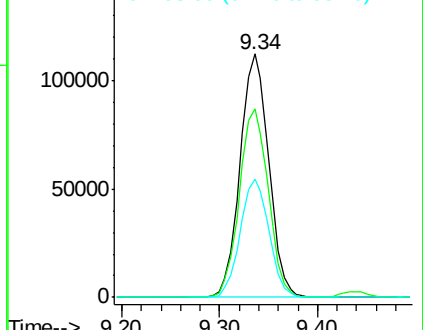
#39  
Methvlcvclohexane  
Concen: 109.533 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tot Ion: 83 Resp: 227968  
Ion Ratio Lower Upper  
83 100  
55 77.5 67.8 101.6  
98 48.5 40.2 60.4

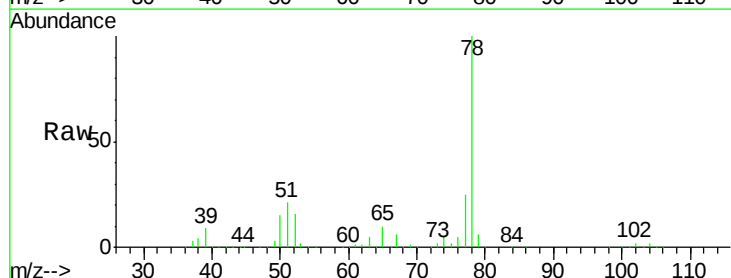


Abundance Ion 83.00 (82.70 to 83.70): VW  
Ion 55.00 (54.70 to 55.70): VW  
Ion 98.00 (97.70 to 98.70): VW

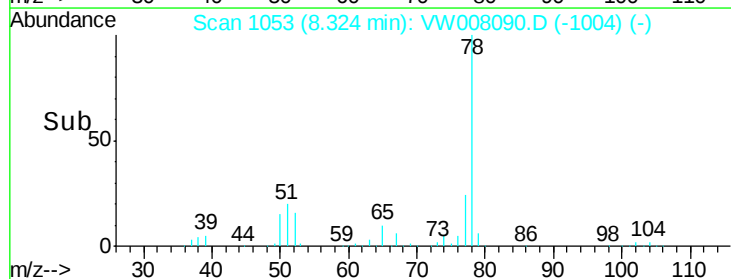
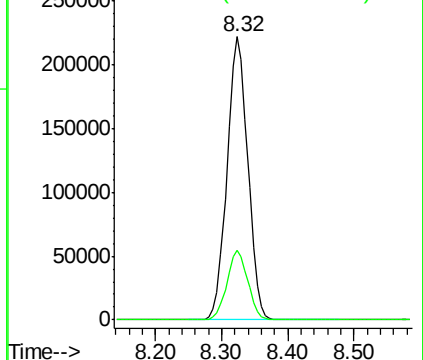


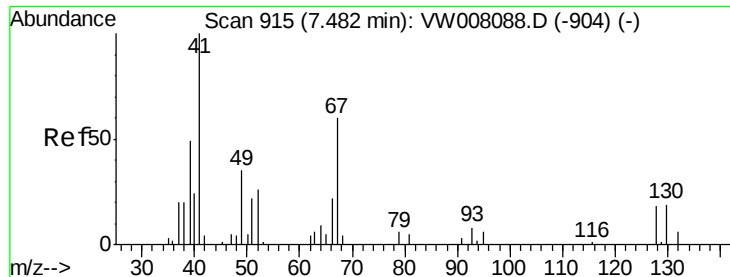
#40  
Benzene  
Concen: 109.389 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Tgt Ion: 78 Resp: 482967  
Ion Ratio Lower Upper  
78 100  
77 24.6 20.2 30.4



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

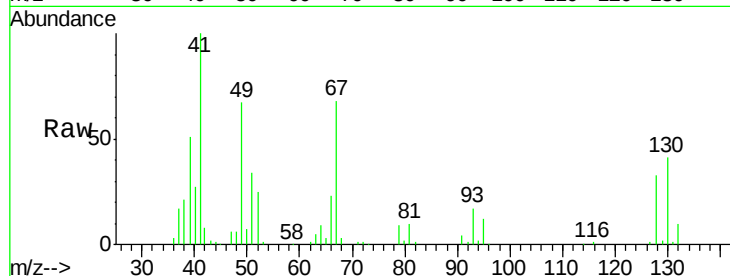




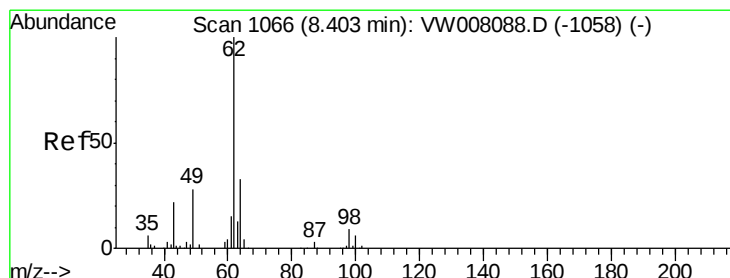
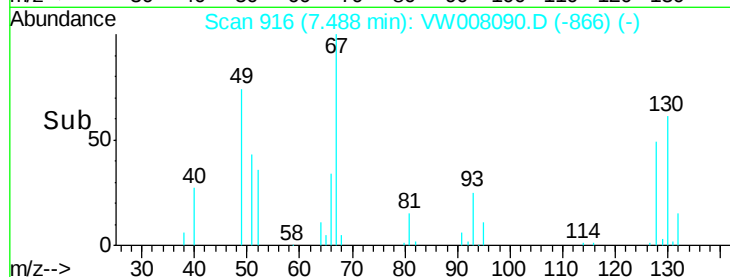
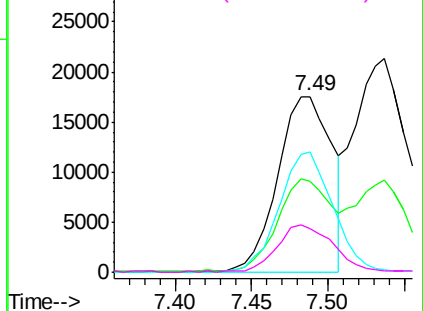
#41  
Methacrylonitrile  
Concen: 142.302 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. 0.01 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tot Ion: 41 Resp: 43223  
Ion Ratio Lower Upper  
41 100  
39 51.2 47.9 71.9  
67 68.4 56.3 84.5  
52 28.5 24.5 36.7

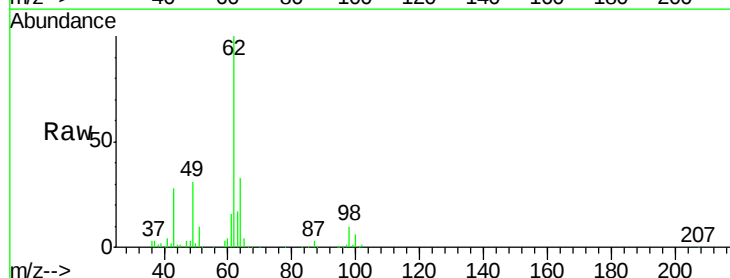


Abundance Ion 41.00 (40.70 to 41.70): VW  
Ion 39.00 (38.70 to 39.70): VW  
Ion 67.00 (66.70 to 67.70): VW  
Ion 52.00 (51.70 to 52.70): VW

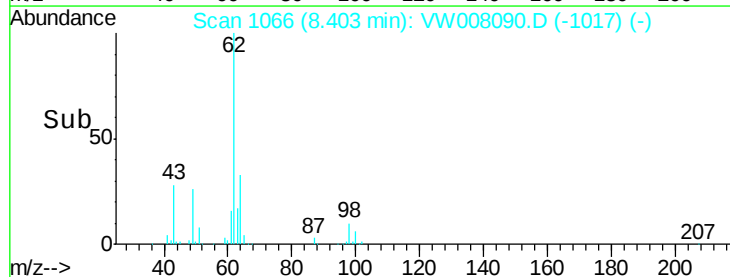
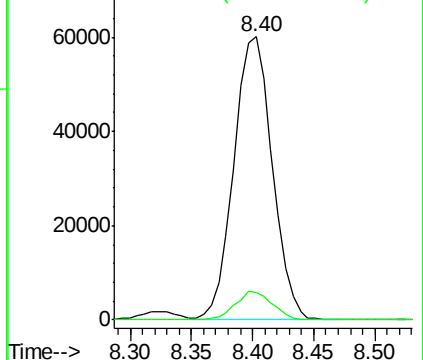


#42  
1,2-Dichloroethane  
Concen: 91.526 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Tgt Ion: 62 Resp: 130887  
Ion Ratio Lower Upper  
62 100  
98 9.7 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: 137.800 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

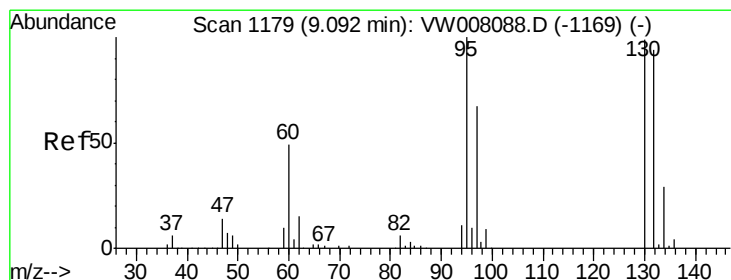
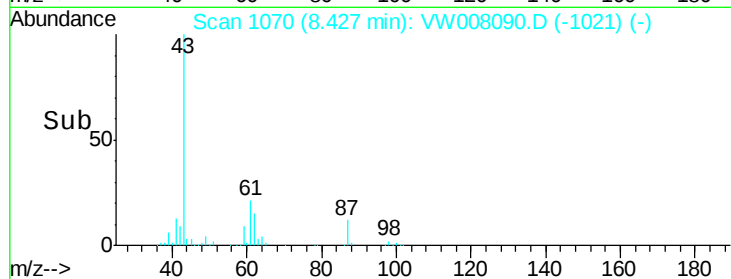
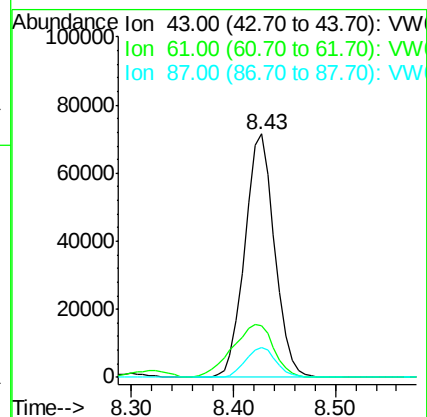
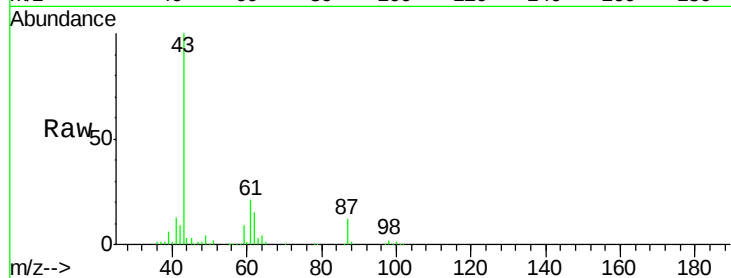
Tot Ion: 43 Resp: 144228

Ion Ratio Lower Upper

43 100

61 30.4 24.8 37.2

87 12.8 10.4 15.6



#44

Trichloroethene

Concen: 99.939 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008090.D

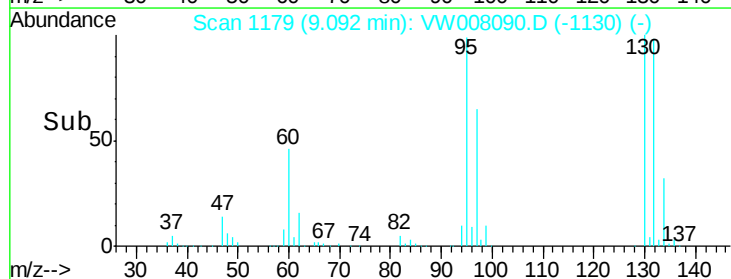
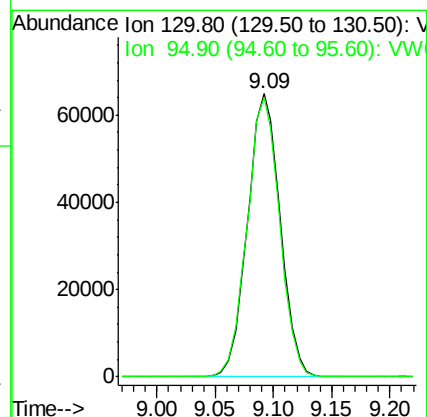
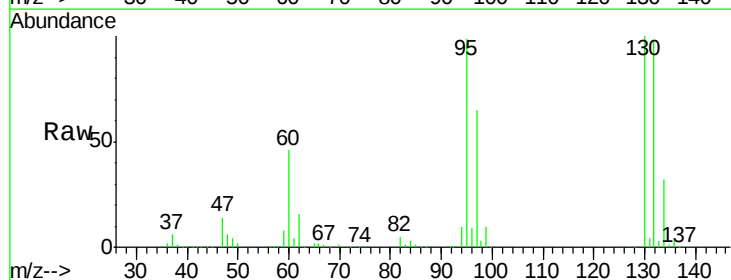
Acq: 08 Jan 2019 17:30

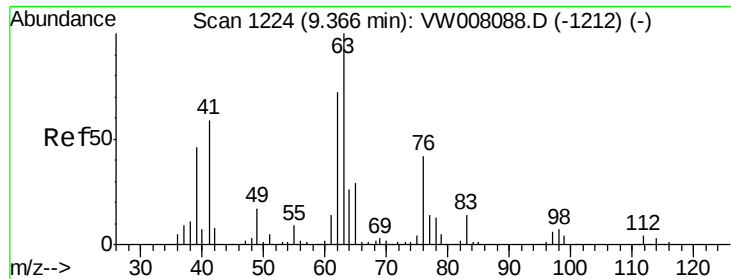
Tgt Ion:130 Resp: 126861

Ion Ratio Lower Upper

130 100

95 98.8 0.0 202.8

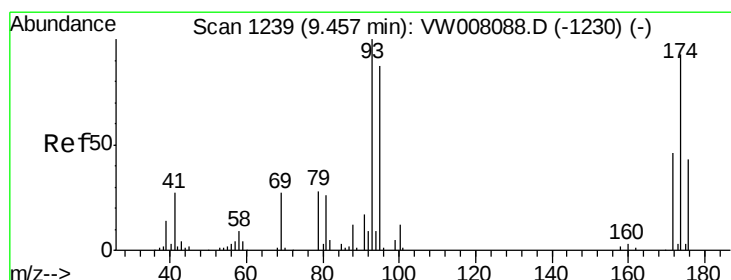
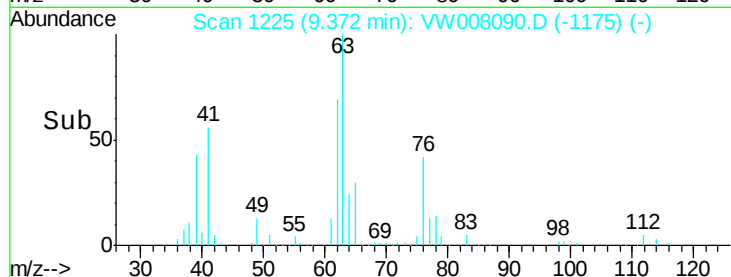
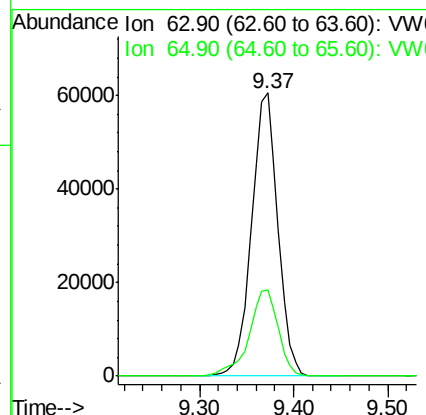
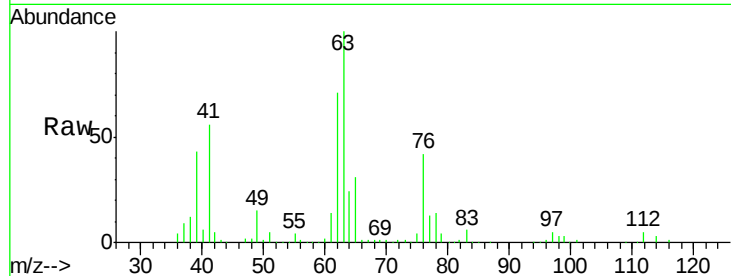




#45  
 1,2-Dichloropropane  
 Concen: 121.069 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.01 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

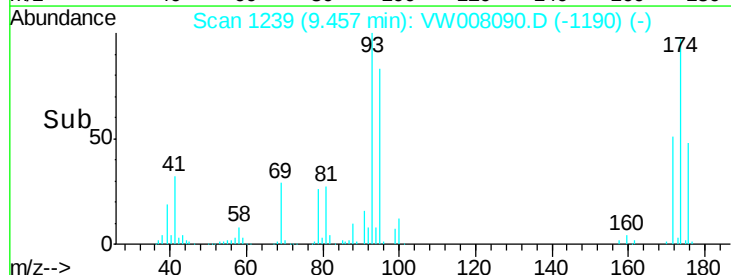
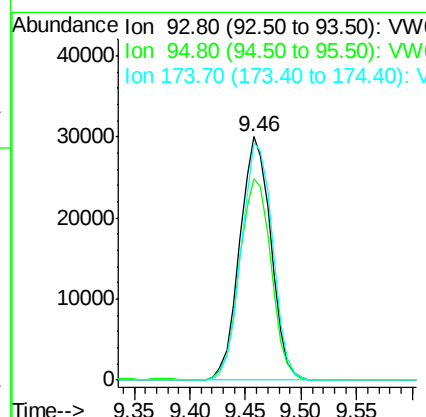
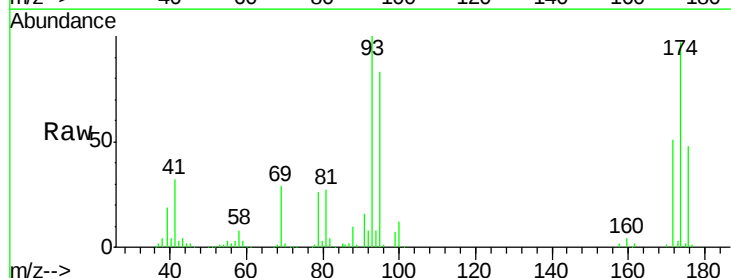
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

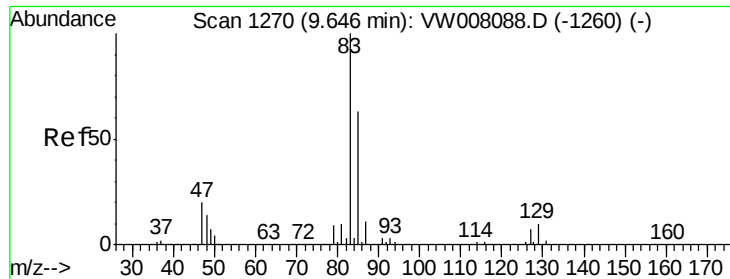
Tot Ion: 63 Resp: 118567  
 Ion Ratio Lower Upper  
 63 100  
 65 30.5 23.3 34.9



#46  
 Dibromomethane  
 Concen: 105.238 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Tgt Ion: 93 Resp: 58234  
 Ion Ratio Lower Upper  
 93 100  
 95 84.0 67.5 101.3  
 174 98.2 72.5 108.7





#47

Bromodichloromethane

Concen: 98.354 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

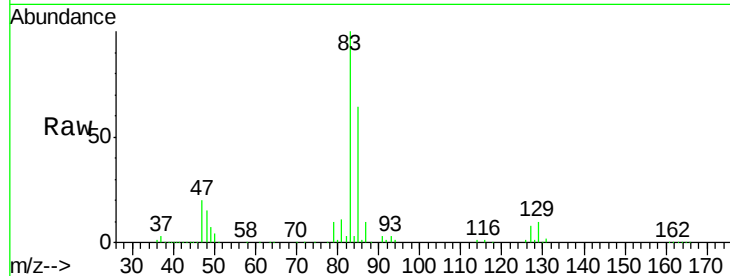
Tot Ion: 83 Resp: 151115

Ion Ratio Lower Upper

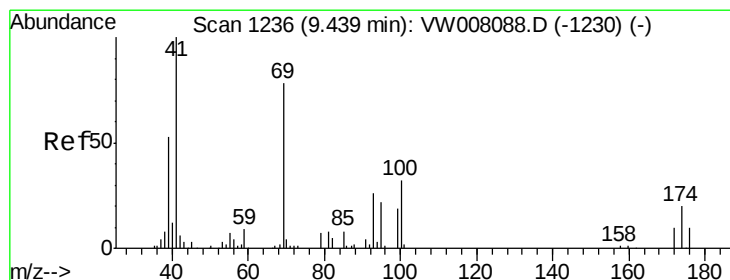
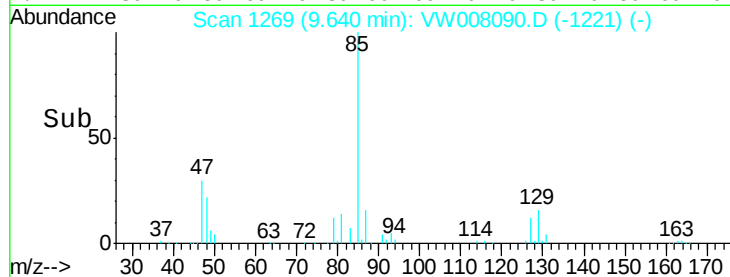
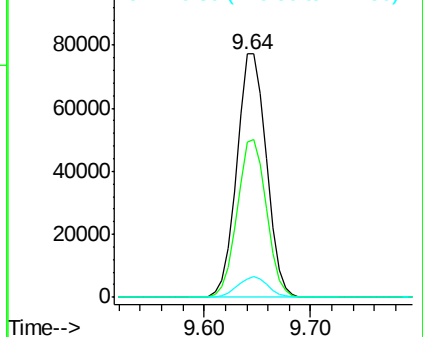
83 100

85 63.9 50.7 76.1

127 7.7 6.0 9.0



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: 134.106 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

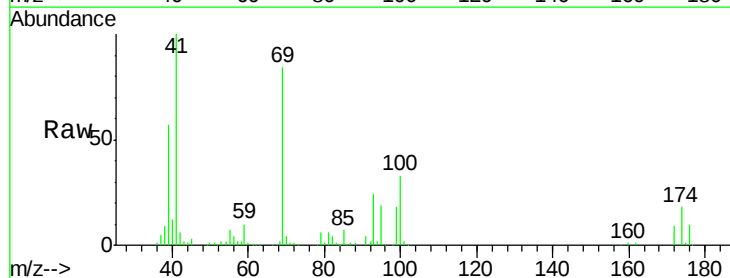
Tgt Ion: 41 Resp: 70898

Ion Ratio Lower Upper

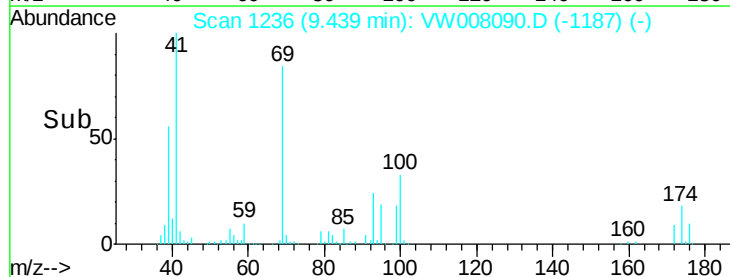
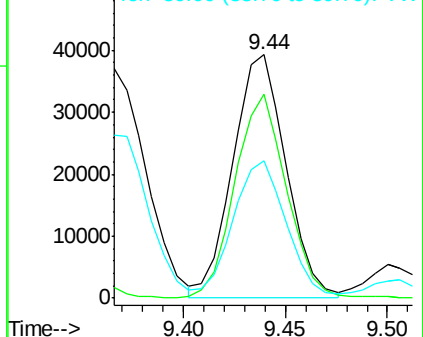
41 100

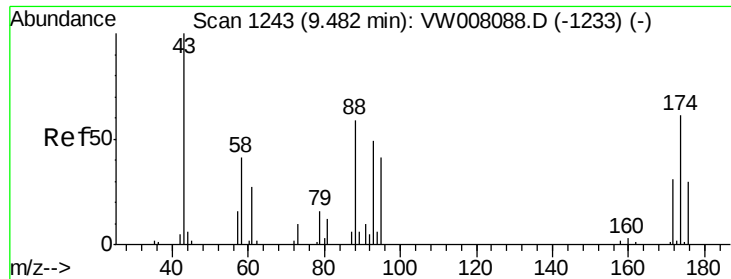
69 81.9 61.9 92.9

39 52.6 43.0 64.4



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

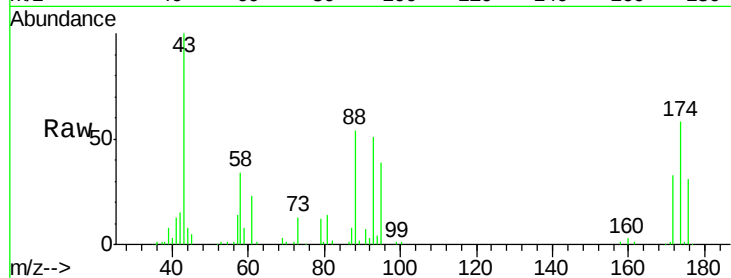




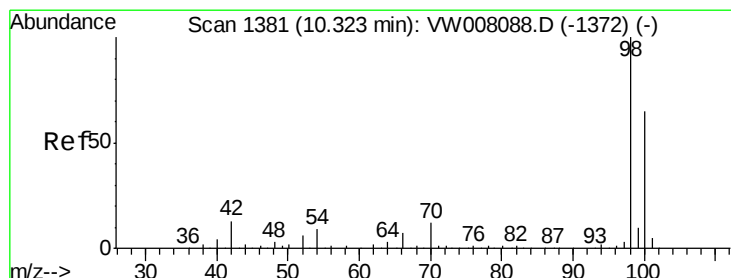
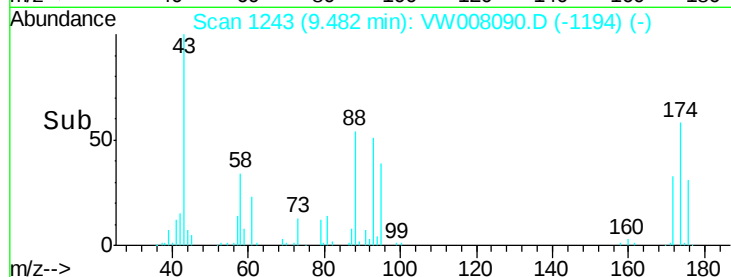
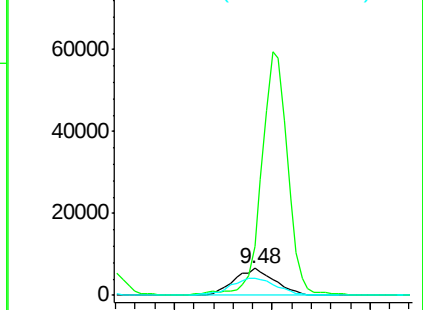
#49  
 1,4-Dioxane  
 Concen: 2287.652 ug/l  
 RT: 9.48 min Scan# 1243  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

Tot Ion: 88 Resp: 18956  
 Ion Ratio Lower Upper  
 88 100  
 43 582.2 0.0 0.0#  
 58 71.6 61.7 92.5

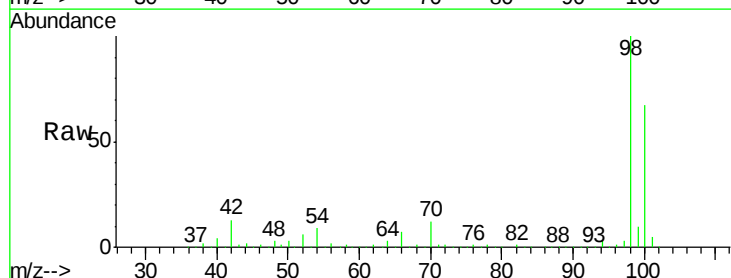


Abundance Ion 88.00 (87.70 to 88.70): VW  
 Ion 43.00 (42.70 to 43.70): VW  
 Ion 58.00 (57.70 to 58.70): VW

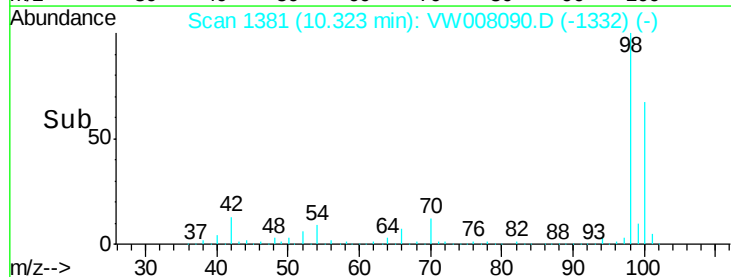
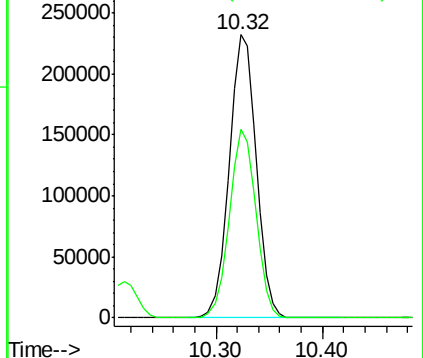


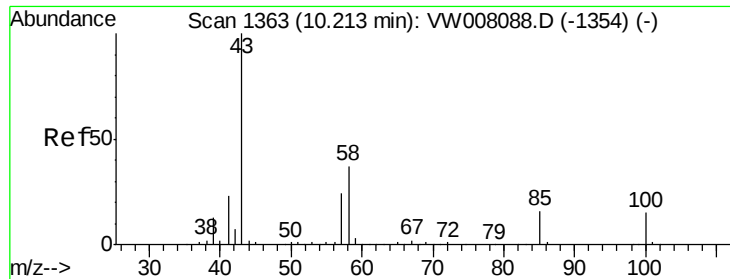
#50  
 Toluene-d8  
 Concen: 102.048 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Tgt Ion: 98 Resp: 411856  
 Ion Ratio Lower Upper  
 98 100  
 100 65.7 51.7 77.5



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: 689.824 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

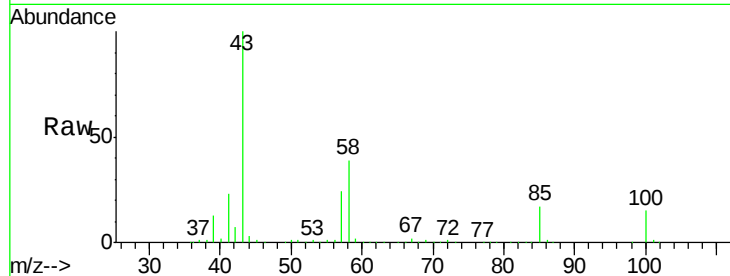
VSTDIC100

Tot Ion: 43 Resp: 338843

Ion Ratio Lower Upper

43 100

58 38.5 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

200000

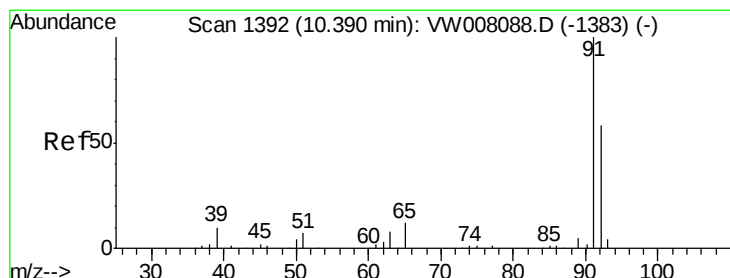
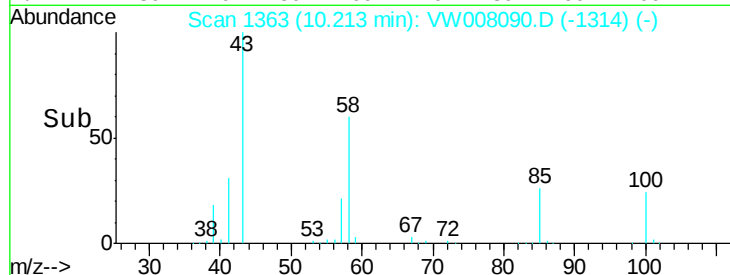
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 104.192 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008090.D

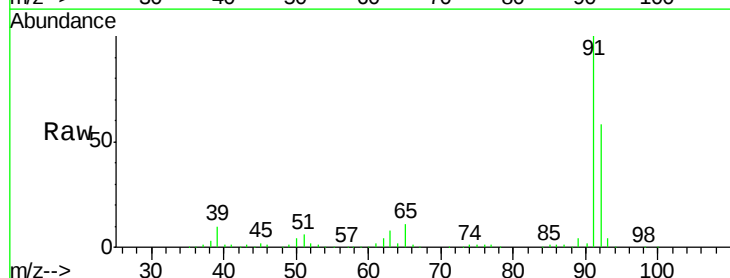
Acq: 08 Jan 2019 17:30

Tgt Ion: 92 Resp: 303245

Ion Ratio Lower Upper

92 100

91 172.2 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

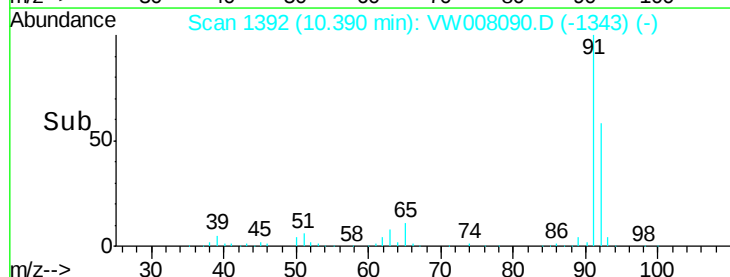
300000

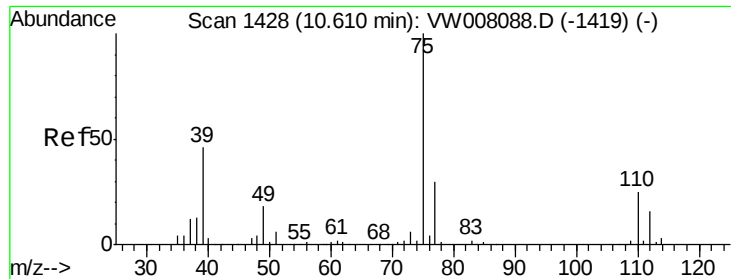
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 108.343 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampled :

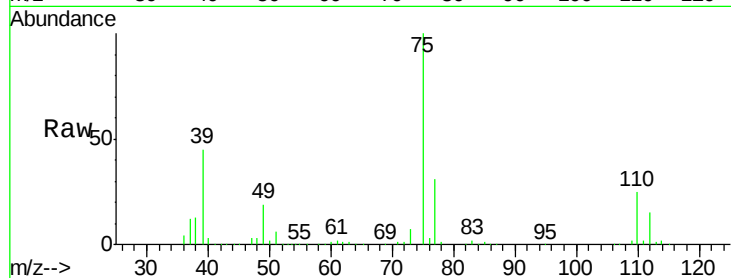
VSTDIC100

Tot Ion: 75 Resp: 162121

Ion Ratio Lower Upper

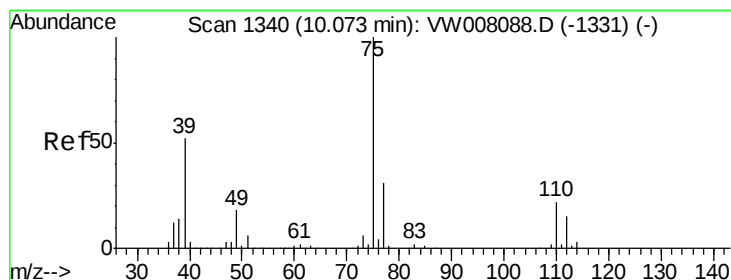
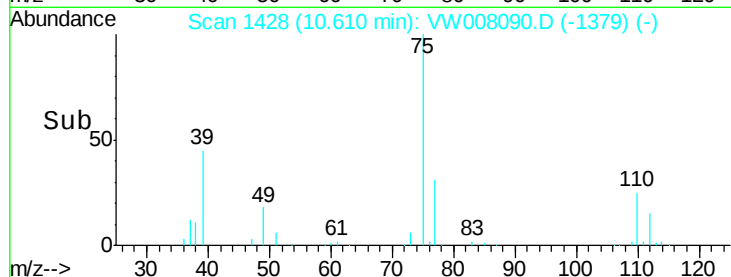
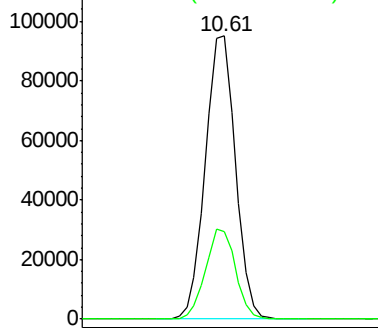
75 100

77 31.2 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 110.939 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

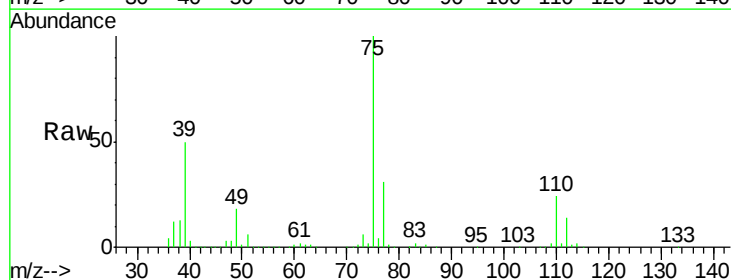
Tgt Ion: 75 Resp: 186983

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

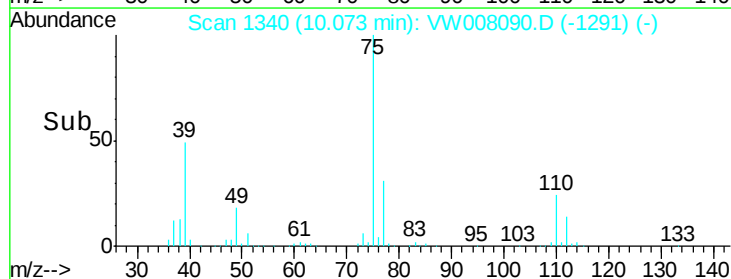
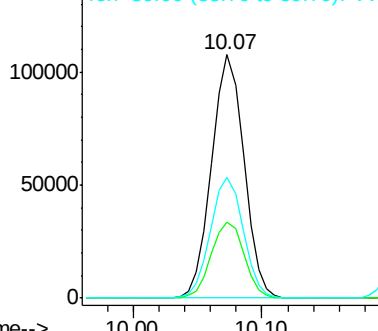
39 49.7 41.4 62.0

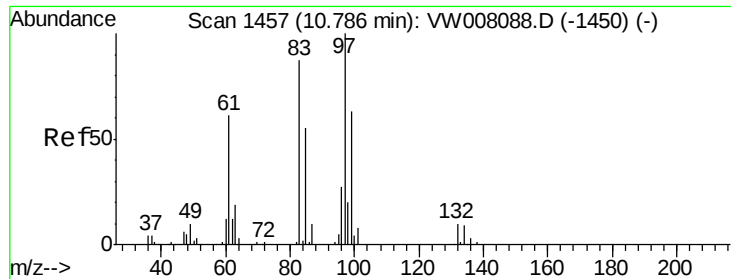


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

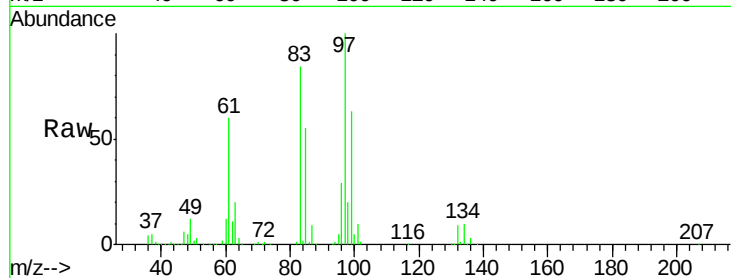




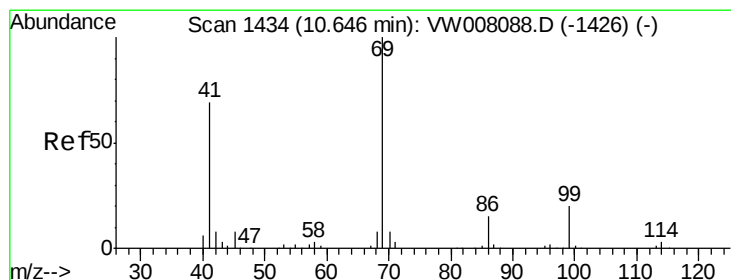
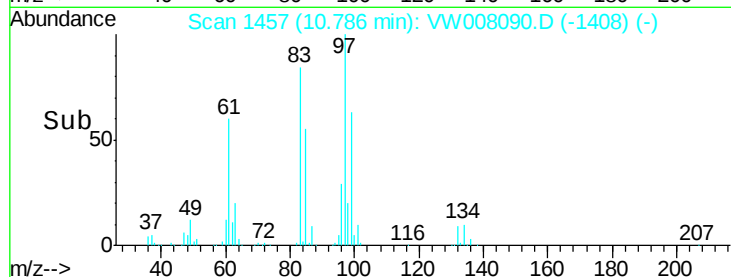
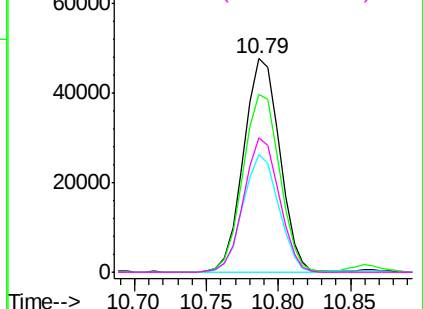
#55  
 1,1,2-Trichloroethane  
 Concen: 110.567 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

Tot Ion: 97 Resp: 83078  
 Ion Ratio Lower Upper  
 97 100  
 83 83.6 69.3 103.9  
 85 55.3 43.8 65.6  
 99 63.0 50.0 75.0

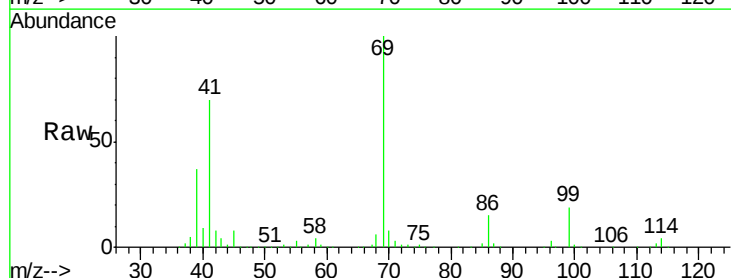


Abundance Ion 96.90 (96.60 to 97.60): VW  
 Ion 82.90 (82.60 to 83.60): VW  
 Ion 84.90 (84.60 to 85.60): VW  
 Ion 98.90 (98.60 to 99.60): VW

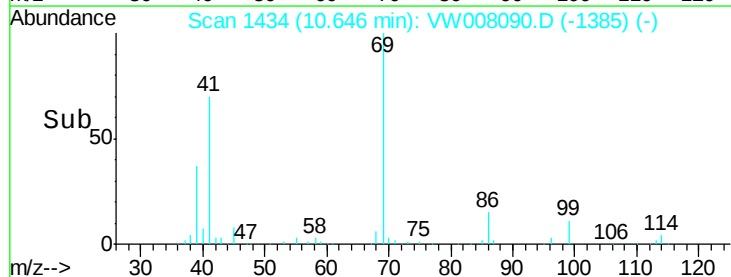
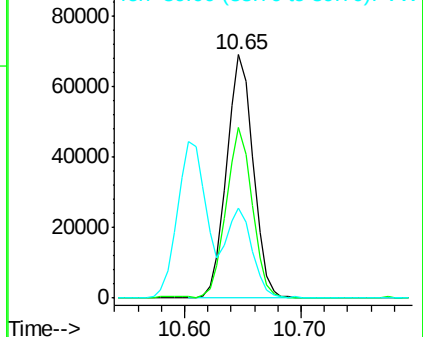


#56  
 Ethyl methacrylate  
 Concen: 126.107 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Tgt Ion: 69 Resp: 109906  
 Ion Ratio Lower Upper  
 69 100  
 41 68.3 56.4 84.6  
 39 35.0 28.1 42.1



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

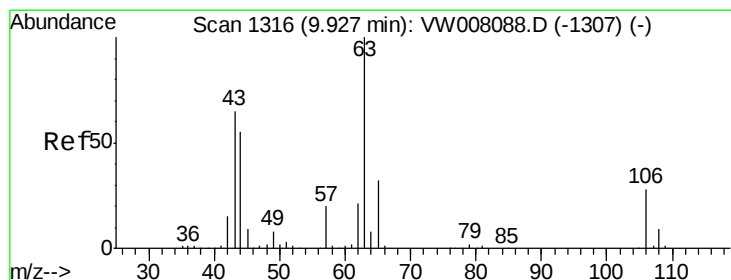
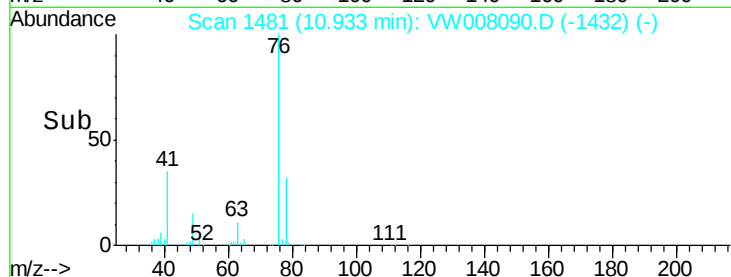
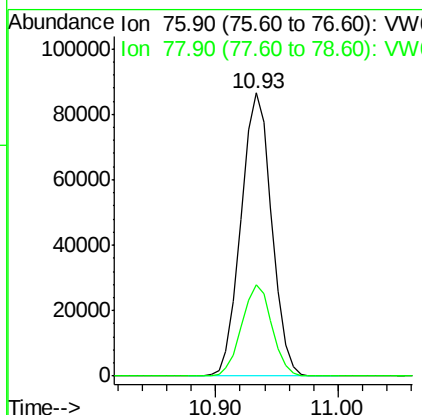
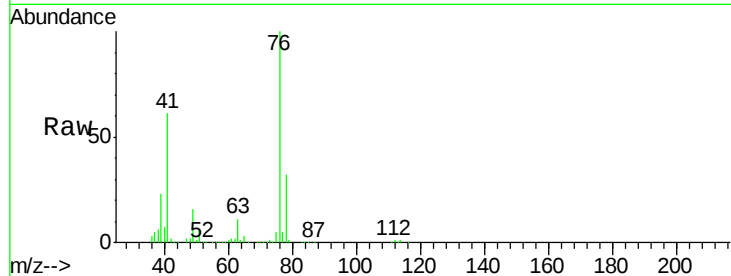




#57  
 1,3-Dichloropropane  
 Concen: 115.084 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

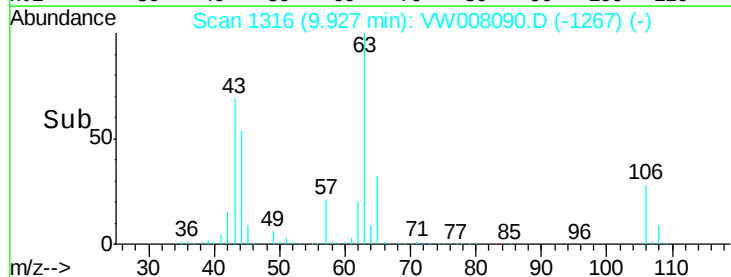
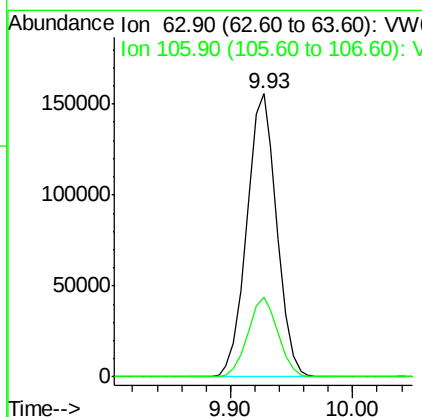
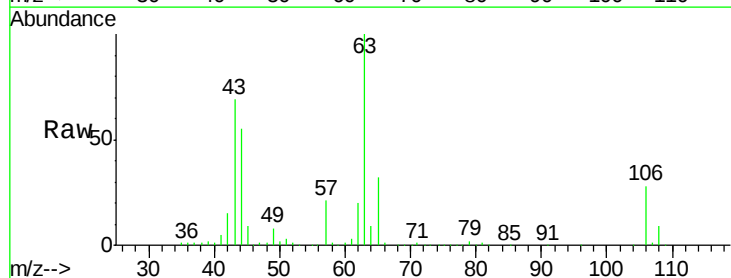
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

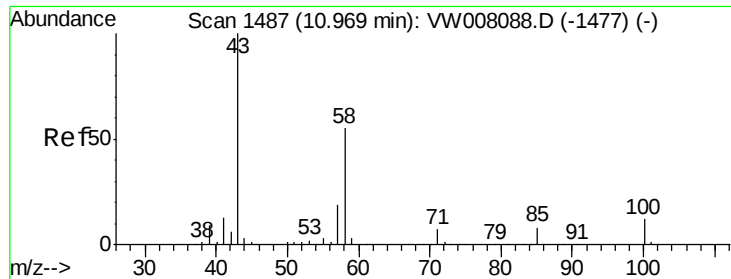
Tot Ion: 76 Resp: 150126  
 Ion Ratio Lower Upper  
 76 100  
 78 31.9 25.7 38.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 622.054 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Tgt Ion: 63 Resp: 264727  
 Ion Ratio Lower Upper  
 63 100  
 106 28.4 21.8 32.6

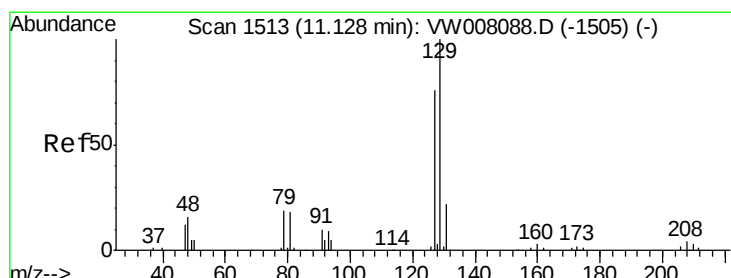
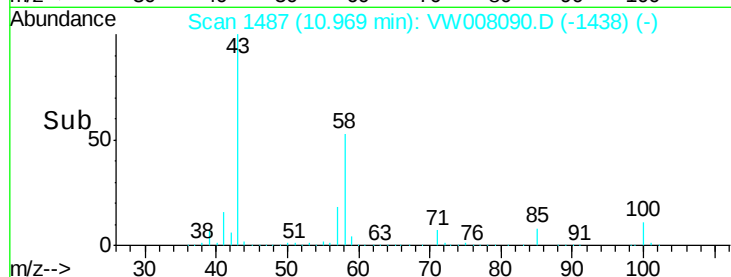
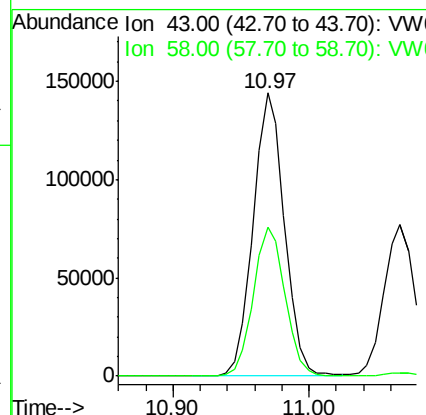
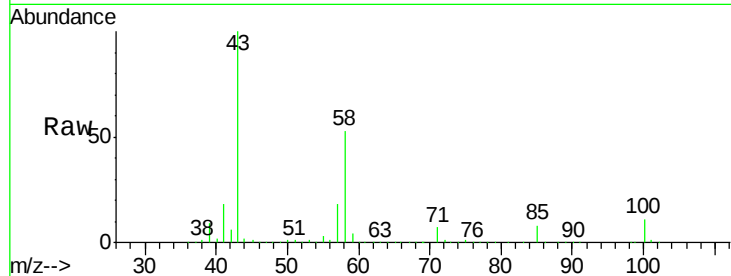




#59  
2-Hexanone  
Concen: 687.660 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

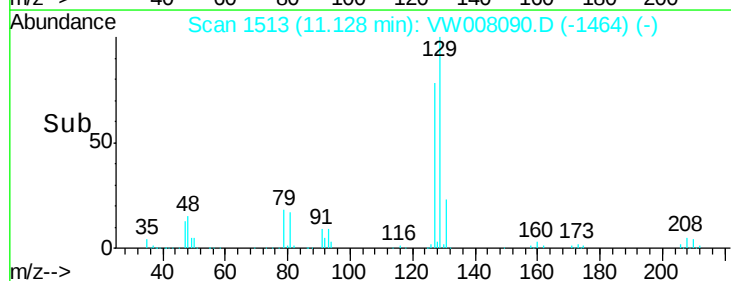
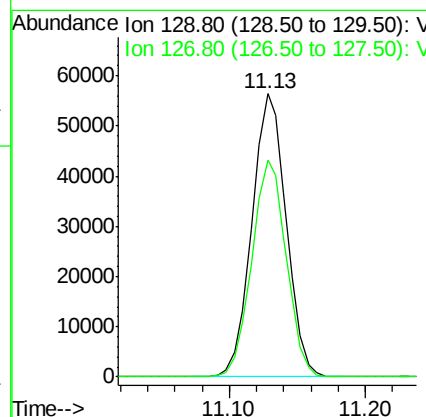
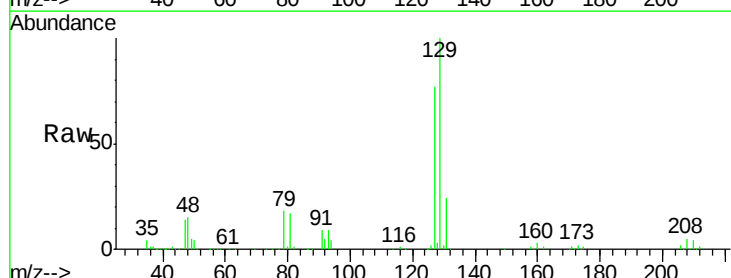
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

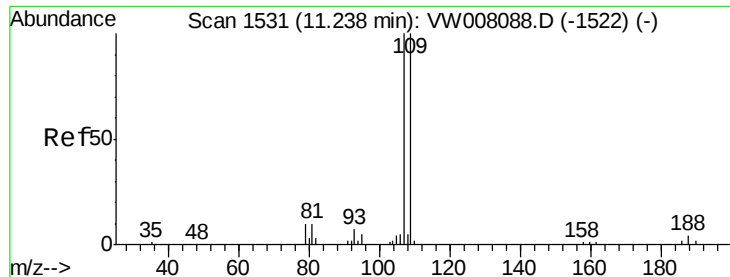
Tot Ion: 43 Resp: 232446  
Ion Ratio Lower Upper  
43 100  
58 53.5 27.2 81.5



#60  
Dibromochloromethane  
Concen: 99.015 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Tgt Ion: 129 Resp: 99504  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 108.353 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampled :

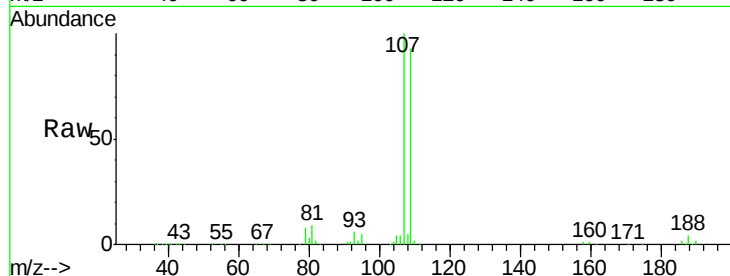
VSTDIC100

Tot Ion:107 Resp: 81515

Ion Ratio Lower Upper

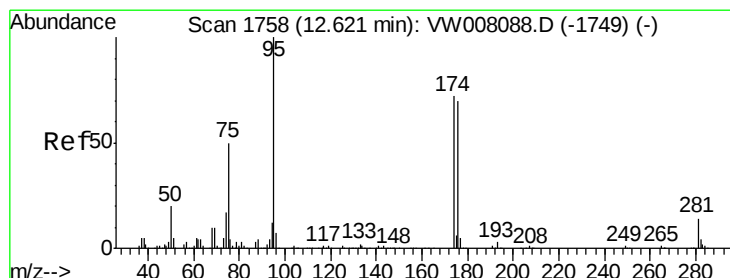
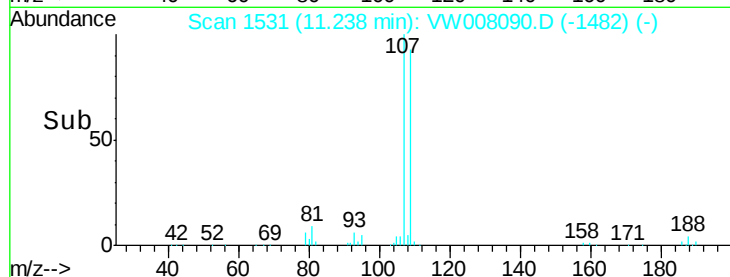
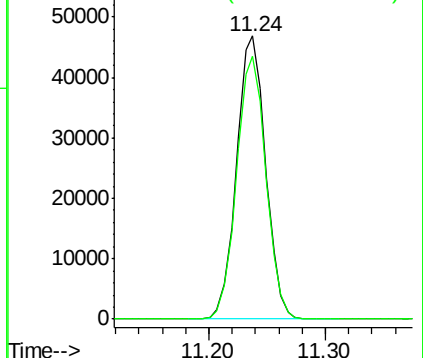
107 100

109 93.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 93.089 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

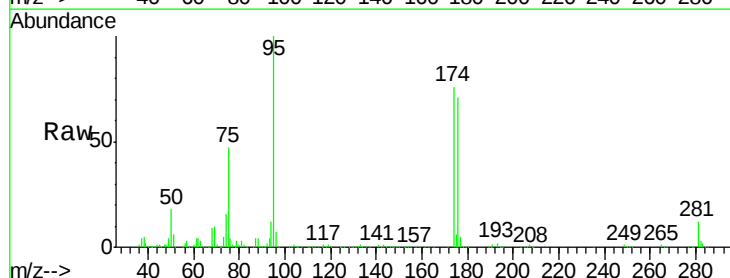
Tgt Ion: 95 Resp: 142410

Ion Ratio Lower Upper

95 100

174 78.2 0.0 143.0

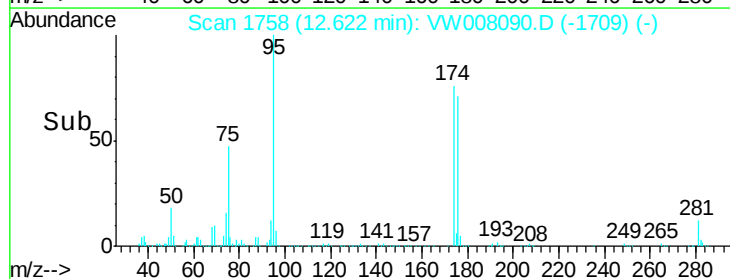
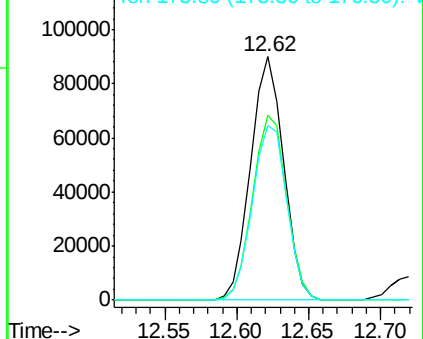
176 74.8 0.0 140.2

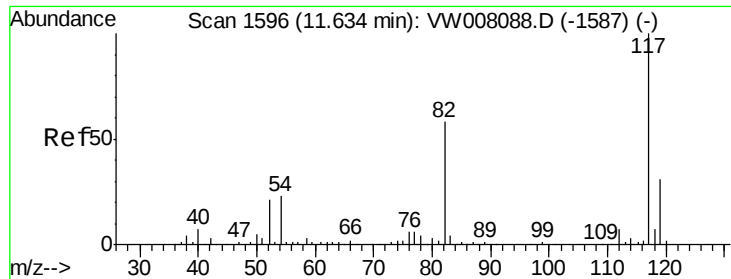


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

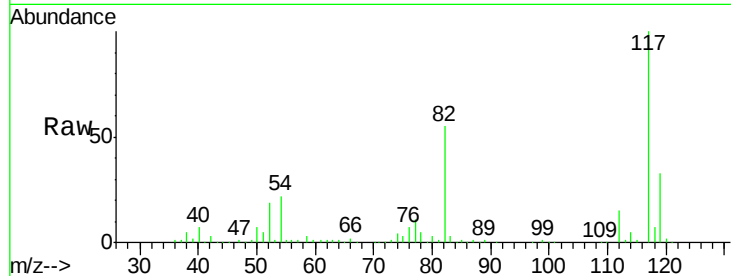




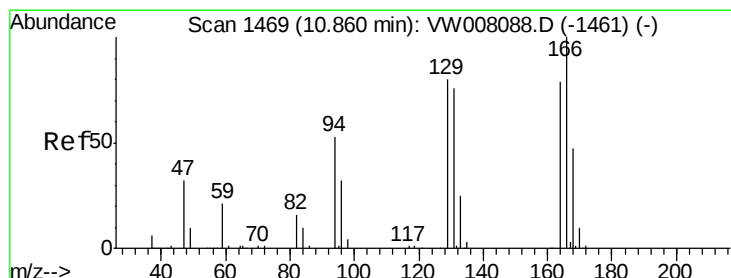
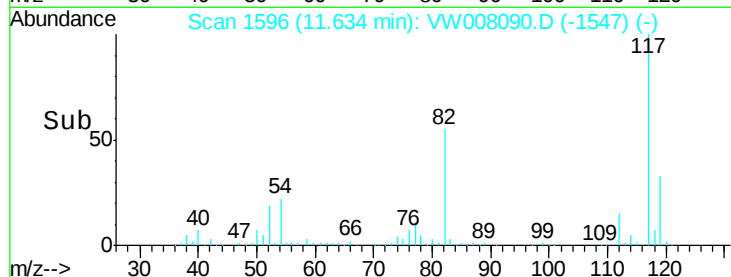
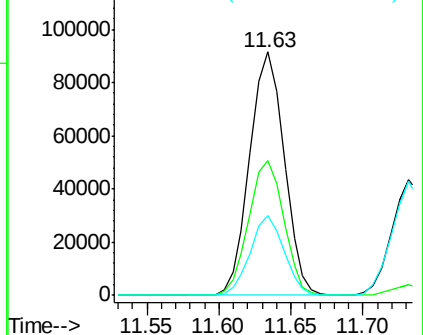
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tot Ion:117 Resp: 152404  
Ion Ratio Lower Upper  
117 100  
82 55.5 46.4 69.6  
119 32.5 24.7 37.1

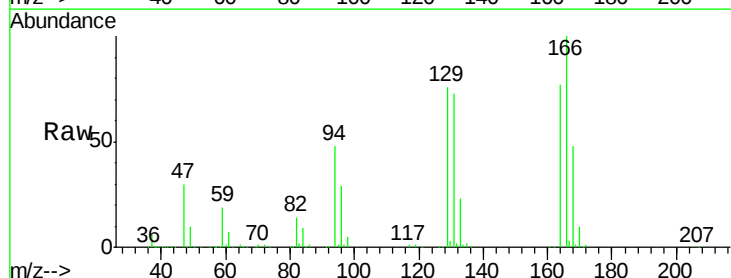


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

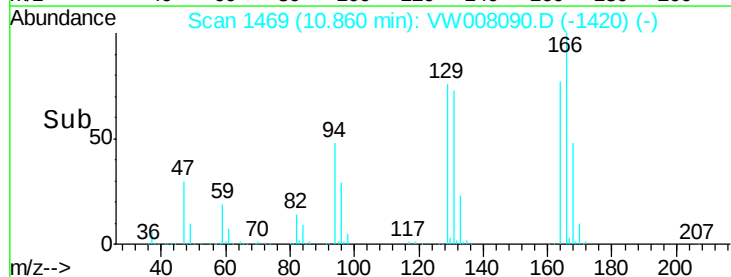
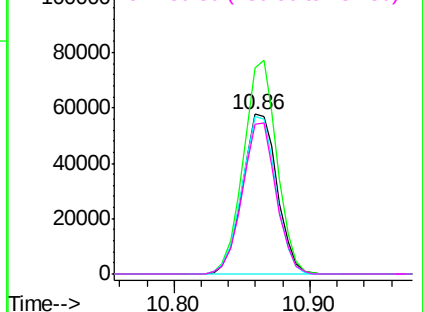


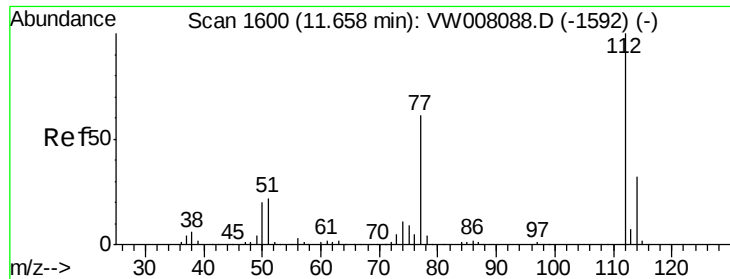
#64  
Tetrachloroethene  
Concen: 101.223 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Tgt Ion:164 Resp: 102865  
Ion Ratio Lower Upper  
164 100  
166 129.1 100.7 151.1  
129 98.2 81.0 121.4  
131 94.0 76.1 114.1



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

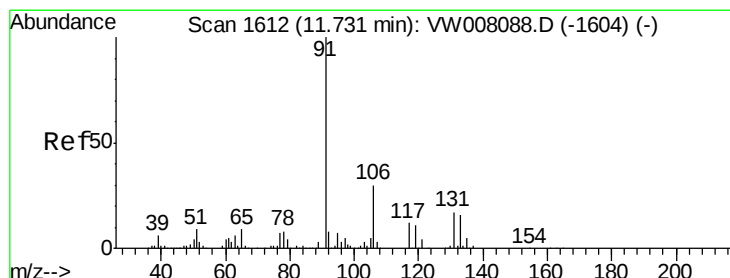
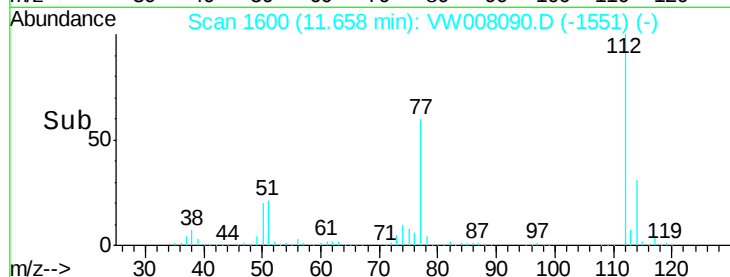
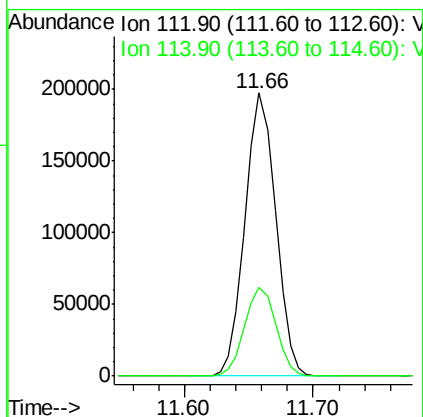
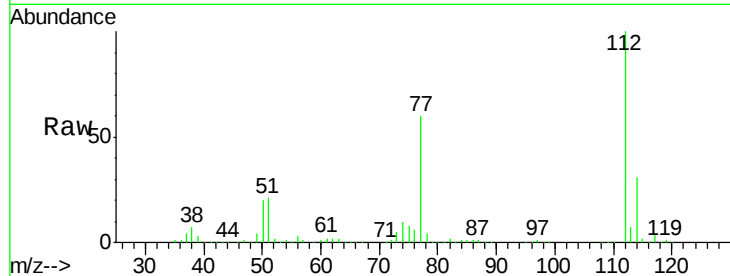




#65  
Chlorobenzene  
Concen: 102.017 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

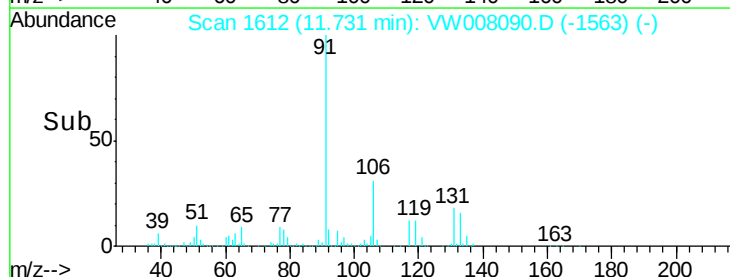
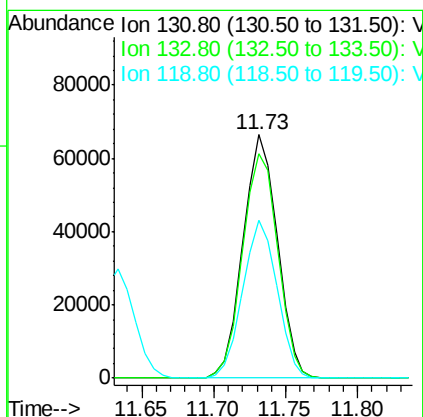
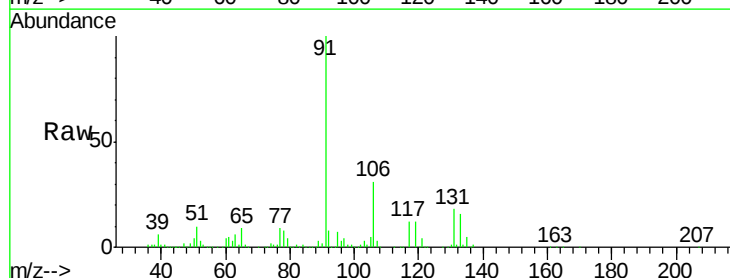
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

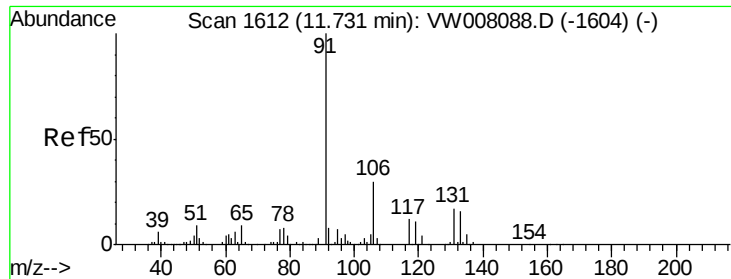
Tot Ion:112 Resp: 326121  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 96.217 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Tgt Ion:131 Resp: 109927  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.9 143.7  
119 64.8 32.5 97.4

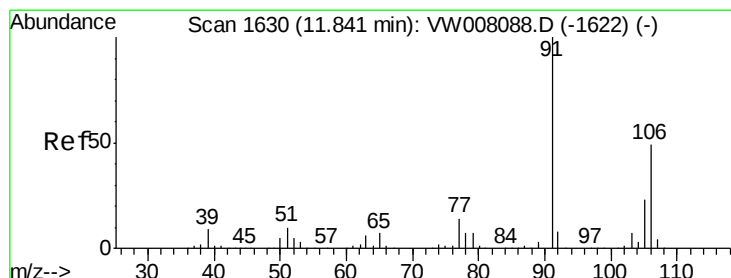
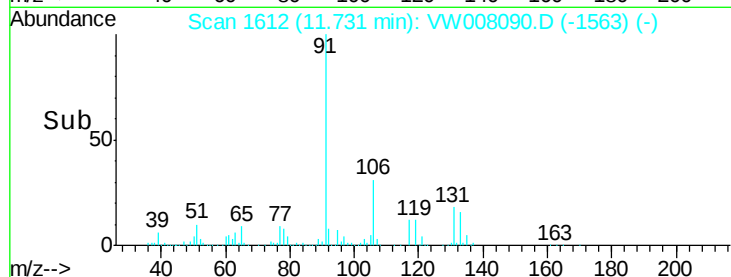
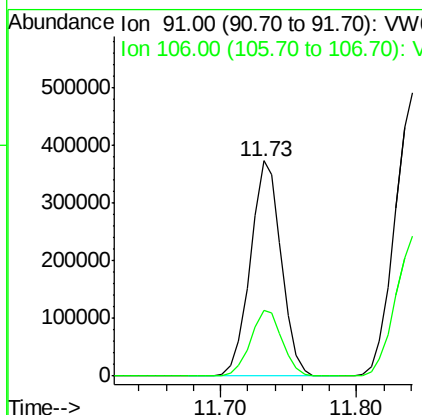
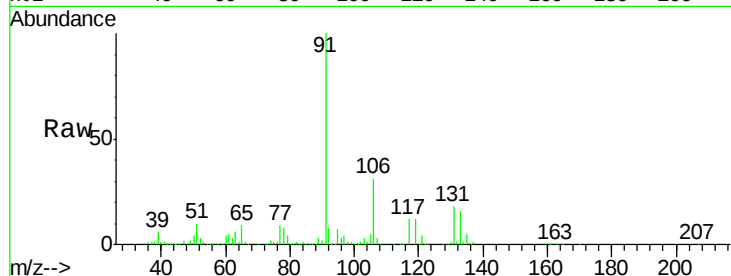




#67  
Ethyl Benzene  
Concen: 103.629 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

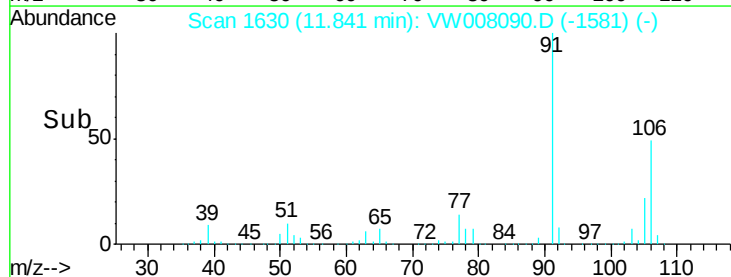
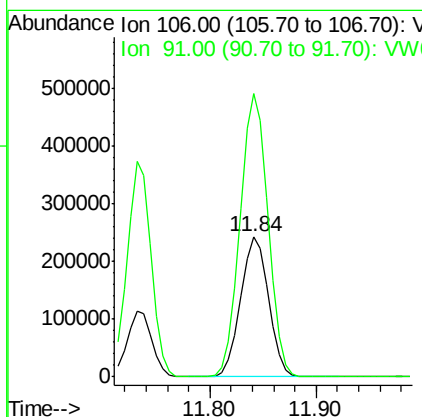
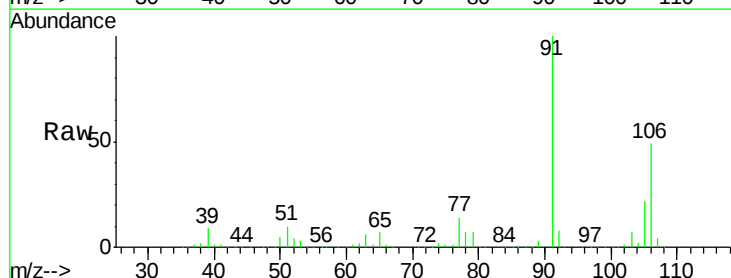
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

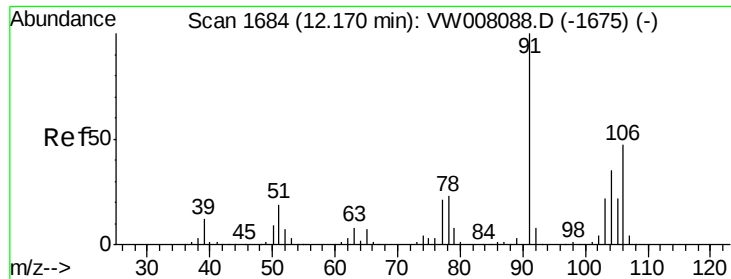
Tot Ion: 91 Resp: 592129  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.2 36.4



#68  
m/p-Xylenes  
Concen: 202.543 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Tgt Ion: 106 Resp: 446280  
Ion Ratio Lower Upper  
106 100  
91 202.2 162.4 243.6

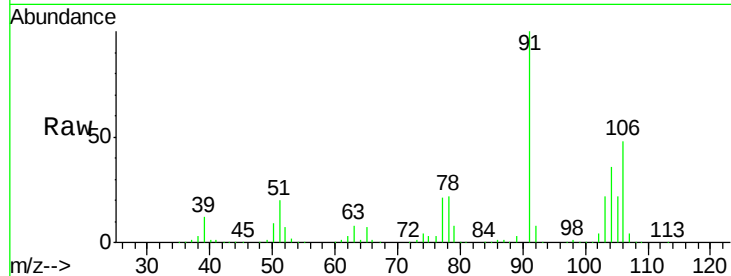




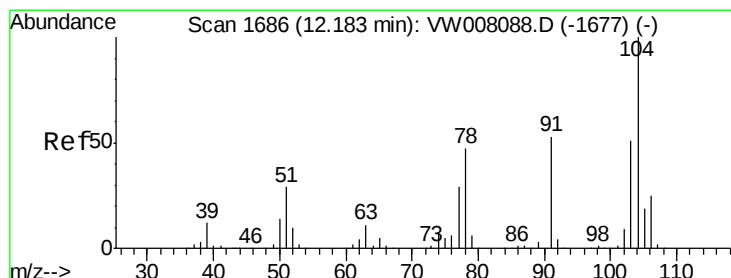
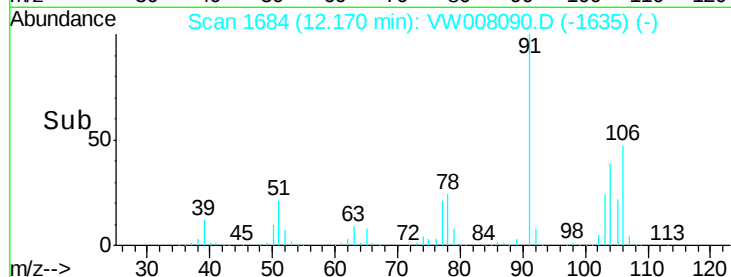
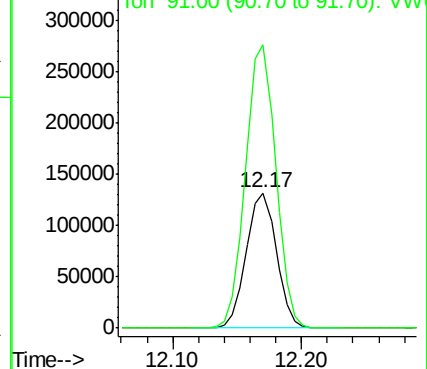
#69  
o-Xylene  
Concen: 103.707 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tot Ion:106 Resp: 212528  
Ion Ratio Lower Upper  
106 100  
91 210.8 107.8 323.6

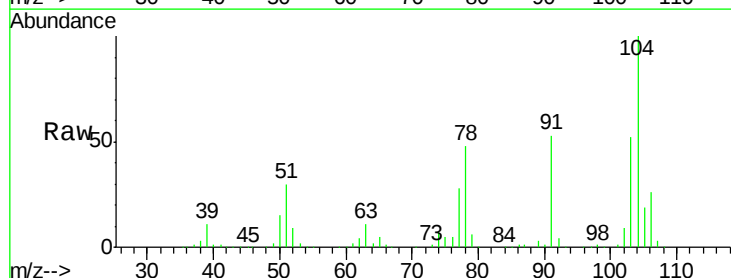


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VW

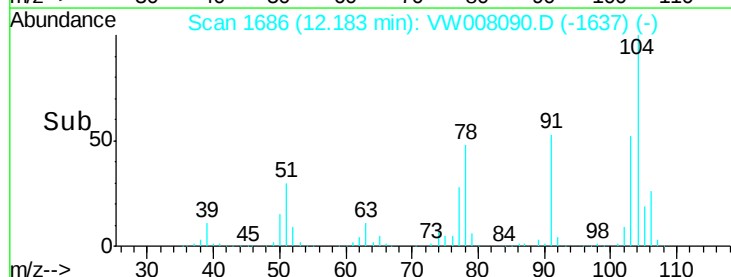
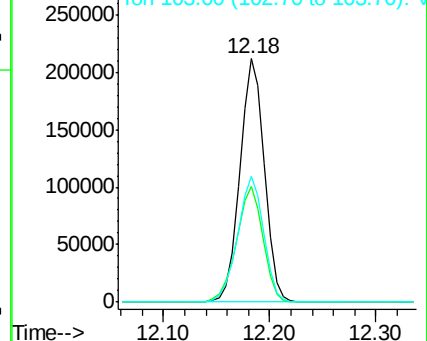


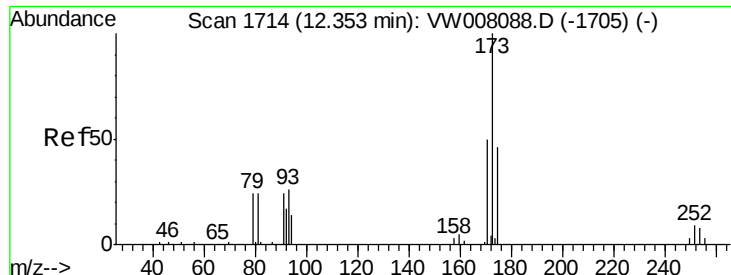
#70  
Styrene  
Concen: 102.242 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Tgt Ion:104 Resp: 340649  
Ion Ratio Lower Upper  
104 100  
78 51.2 41.8 62.8  
103 55.0 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VW  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 102.466 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

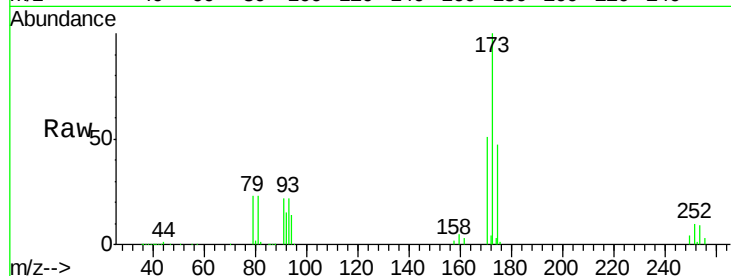
Tot Ion:173 Resp: 54013

Ion Ratio Lower Upper

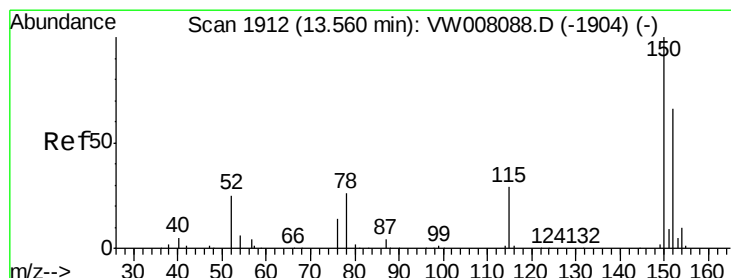
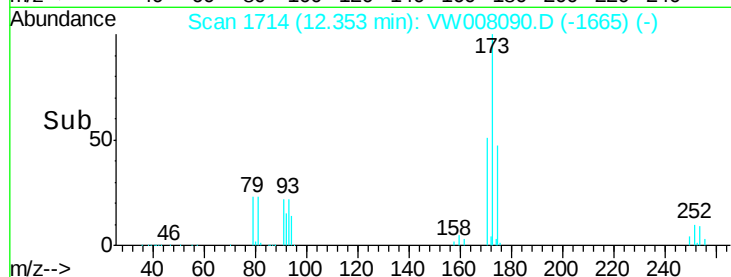
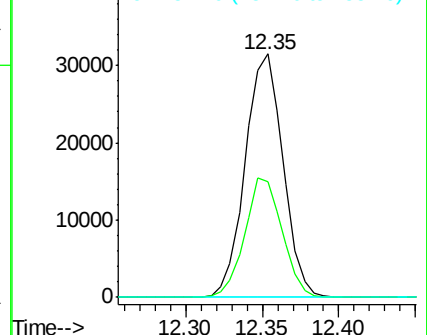
173 100

175 48.5 23.3 69.8

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: VW008090.D

Acq: 08 Jan 2019 17:30

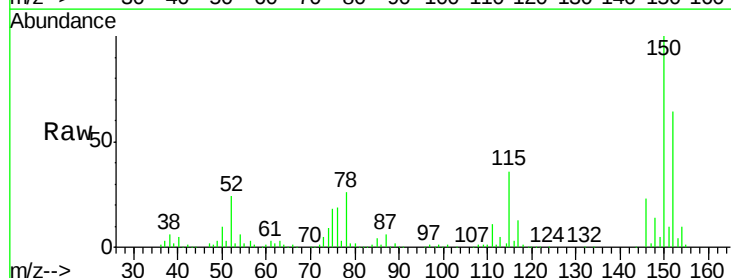
Tgt Ion:152 Resp: 71614

Ion Ratio Lower Upper

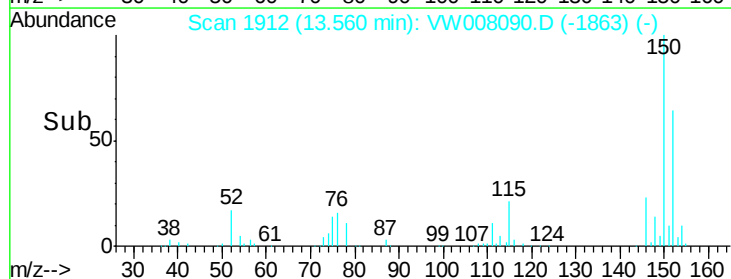
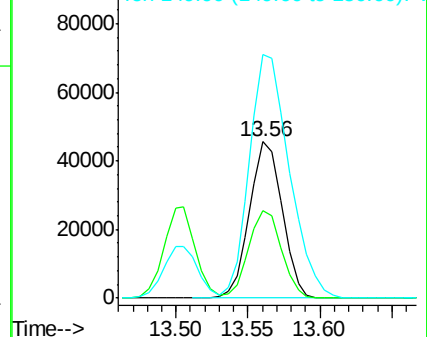
152 100

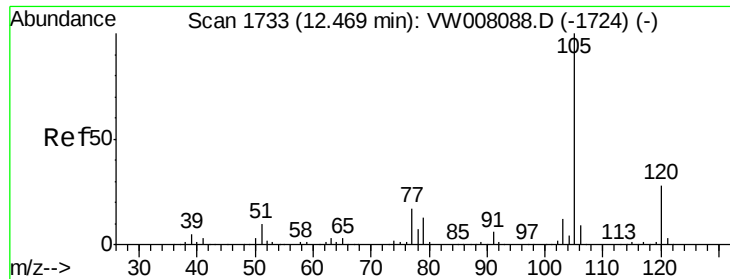
115 56.3 30.8 92.4

150 190.0 0.0 350.2



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: 101.844 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

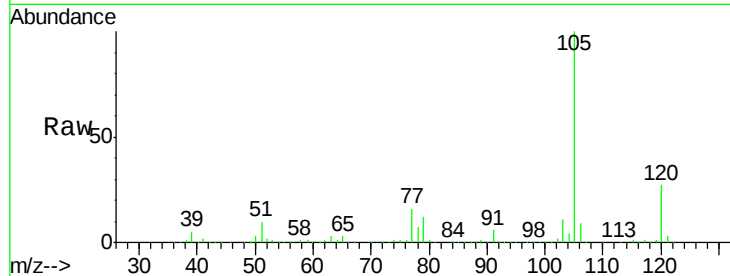
VSTDIC100

Tot Ion:105 Resp: 570910

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

300000

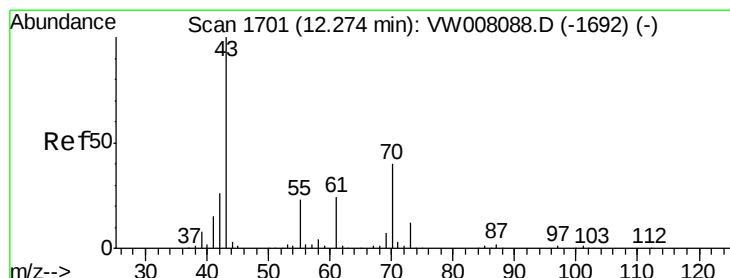
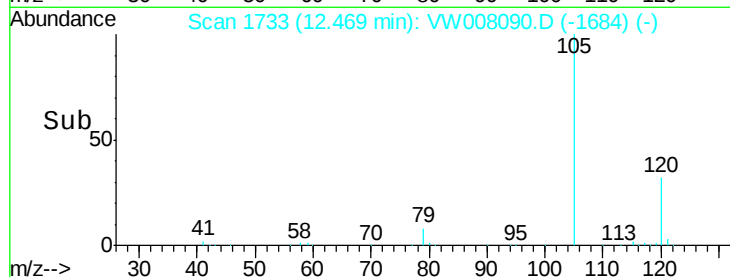
200000

100000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 140.552 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Tgt Ion: 43 Resp: 131076

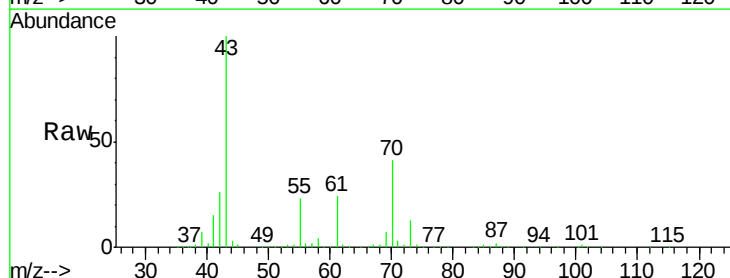
Ion Ratio Lower Upper

43 100

70 41.5 32.4 48.6

55 23.1 18.7 28.1

61 24.1 19.0 28.6



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

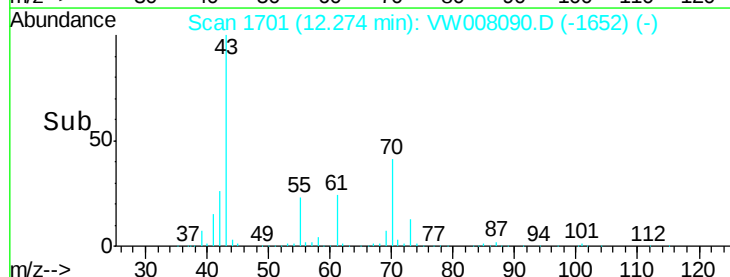
100000

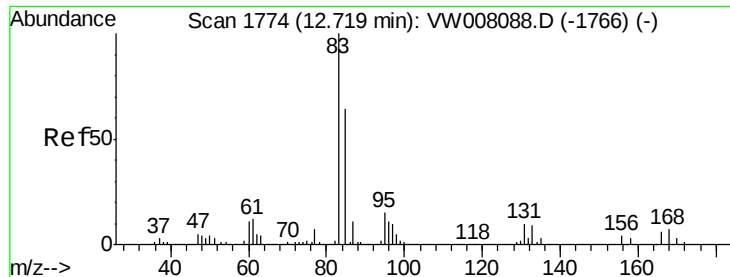
50000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 123.971 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

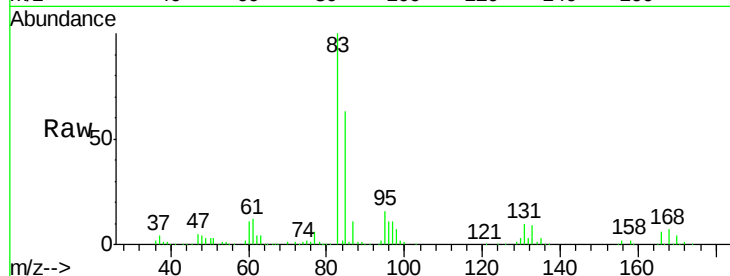
Tot Ion: 83 Resp: 91677

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

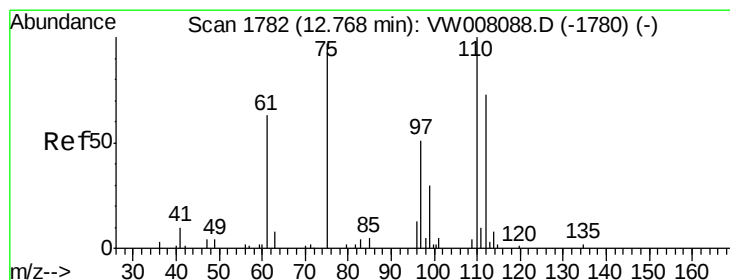
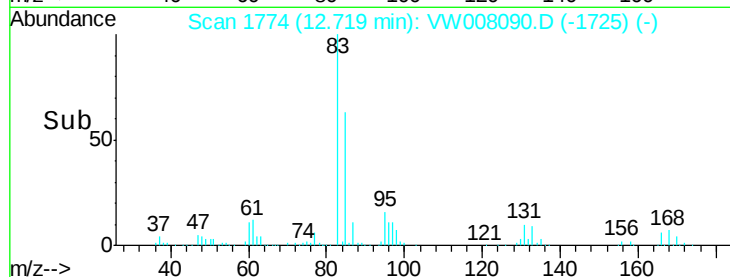
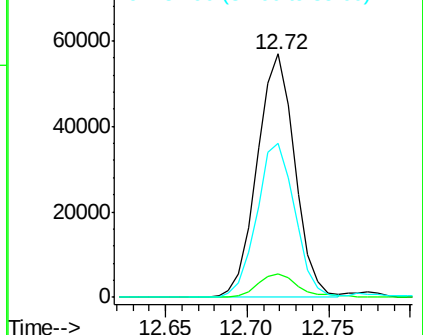
85 64.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 217.298 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008090.D

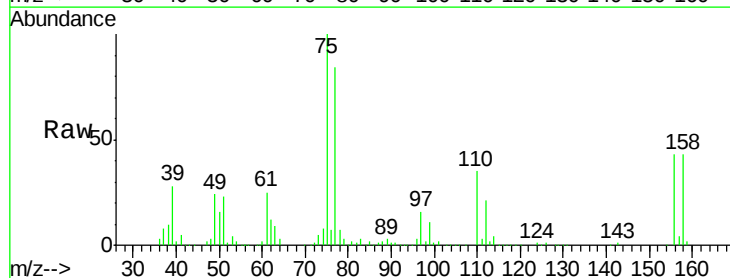
Acq: 08 Jan 2019 17:30

Tgt Ion: 75 Resp: 125035

Ion Ratio Lower Upper

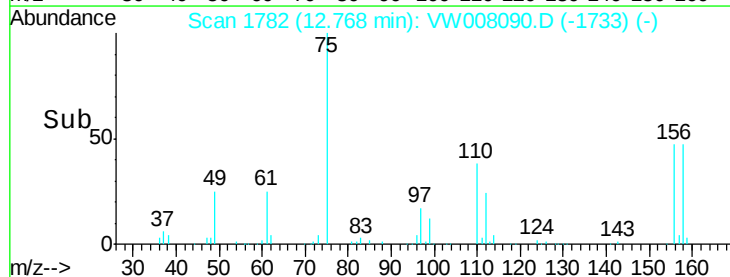
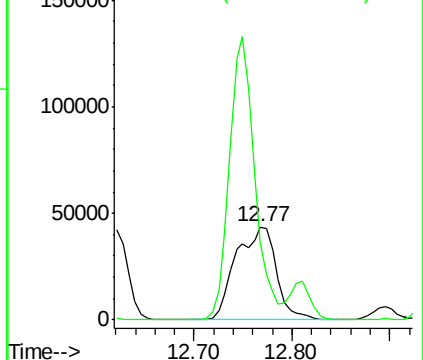
75 100

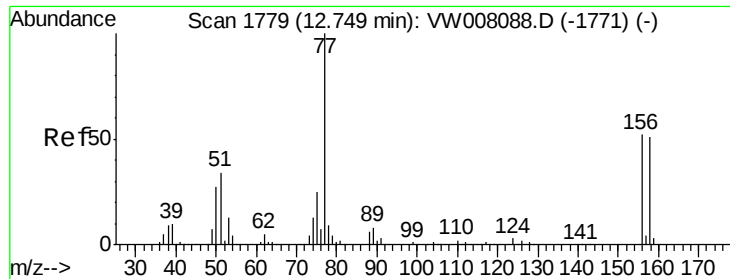
77 190.4 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 105.108 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

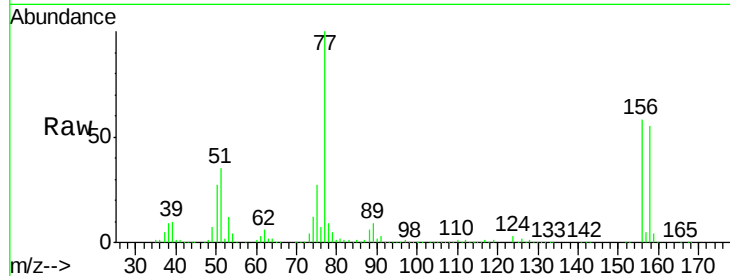
Tot Ion:156 Resp: 125544

Ion Ratio Lower Upper

156 100

77 189.6 104.2 312.5

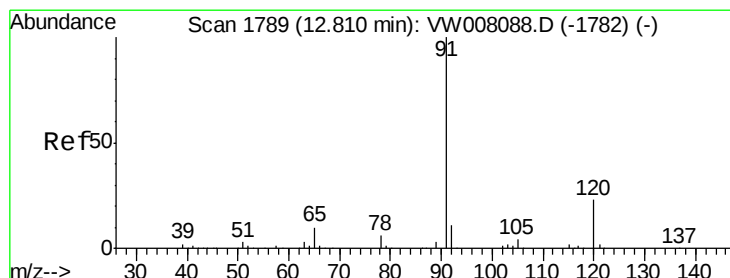
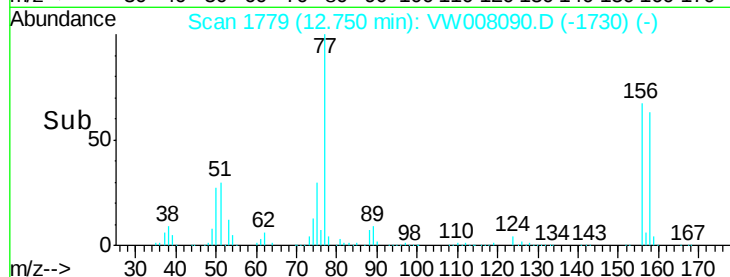
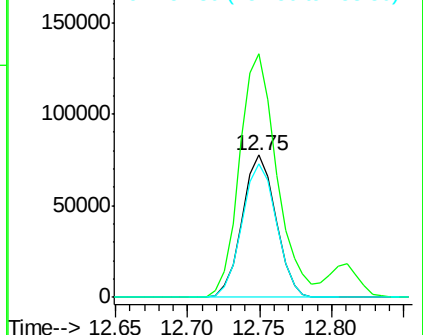
158 95.9 47.9 143.6



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: 104.326 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008090.D

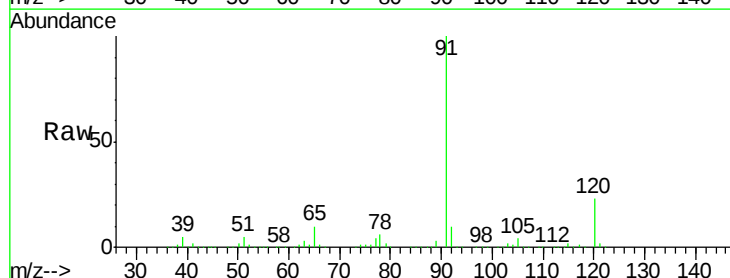
Acq: 08 Jan 2019 17:30

Tgt Ion: 91 Resp: 685679

Ion Ratio Lower Upper

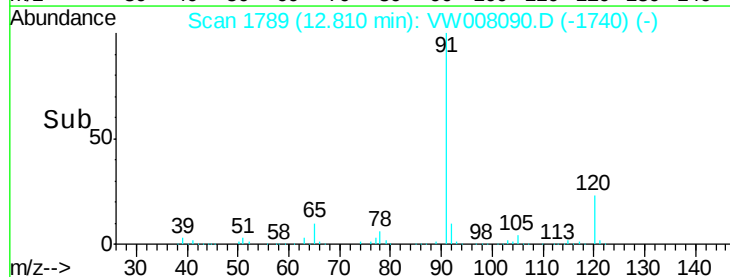
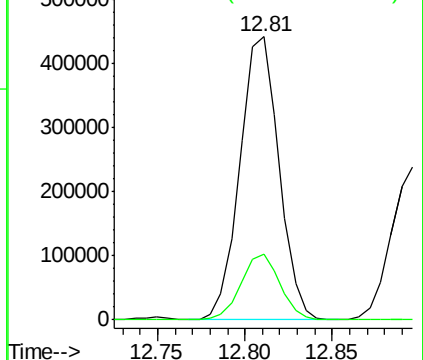
91 100

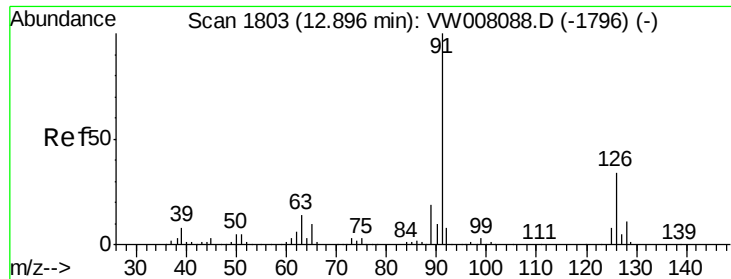
120 23.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 101.064 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

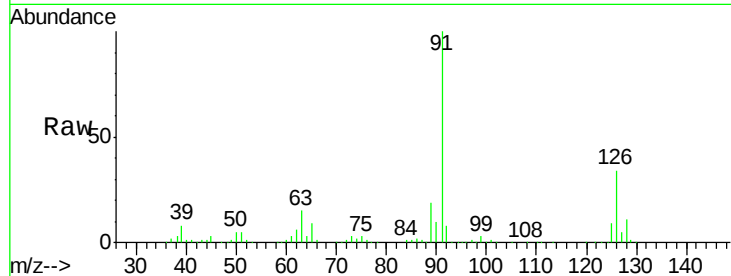
VSTDIC100

Tot Ion: 91 Resp: 381248

Ion Ratio Lower Upper

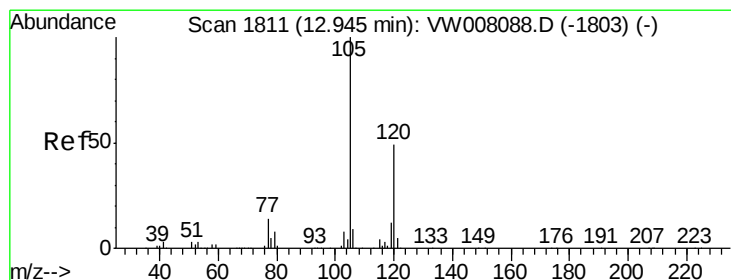
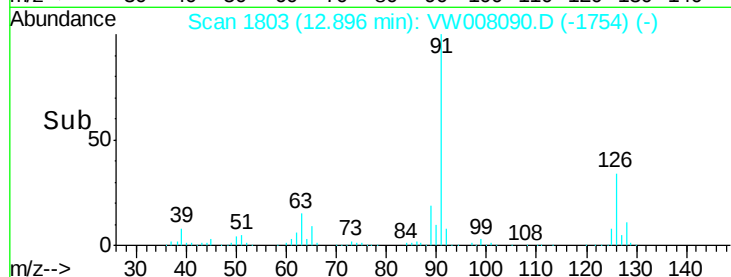
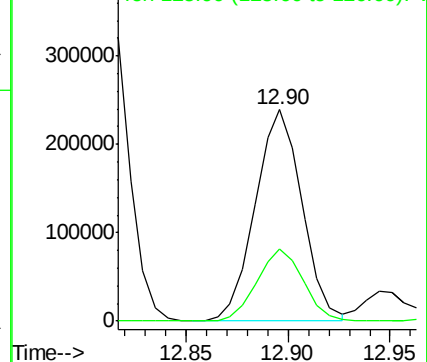
91 100

126 33.9 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 97.519 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008090.D

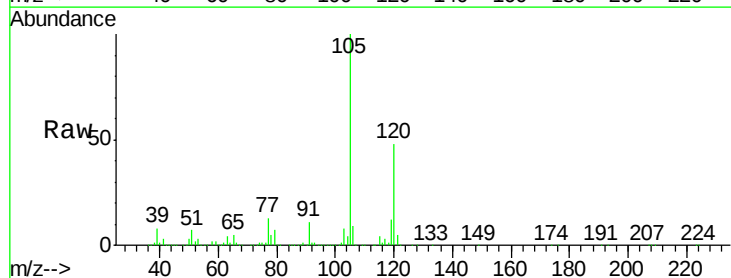
Acq: 08 Jan 2019 17:30

Tgt Ion:105 Resp: 467205

Ion Ratio Lower Upper

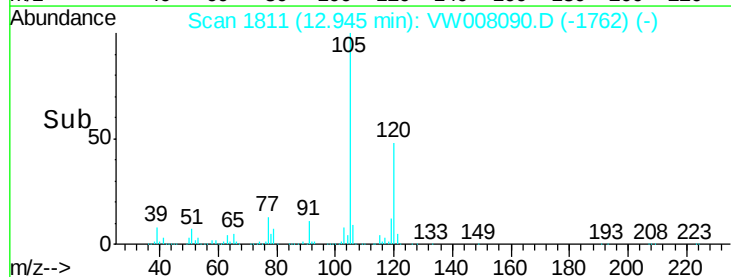
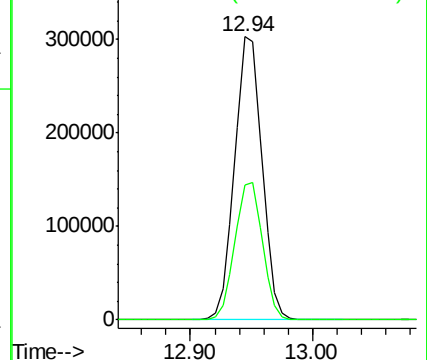
105 100

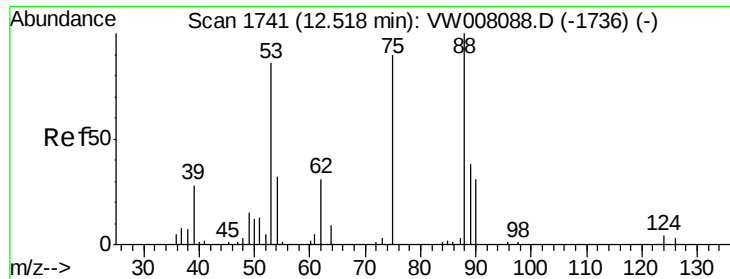
120 49.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 126.016 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

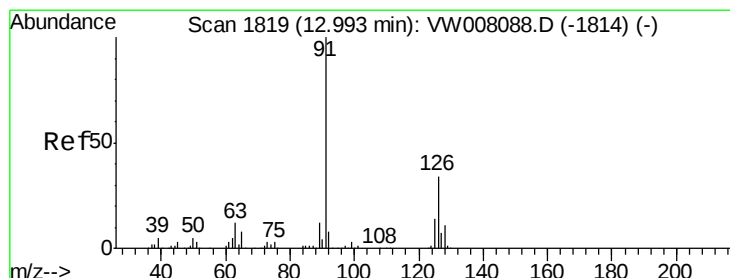
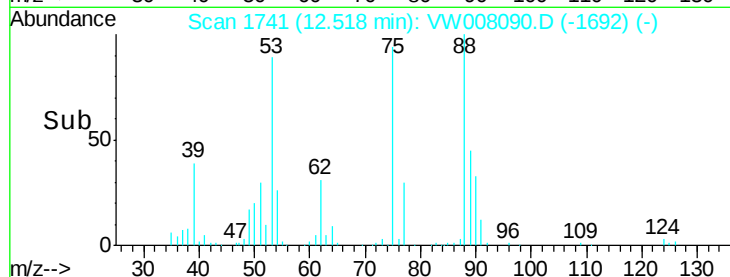
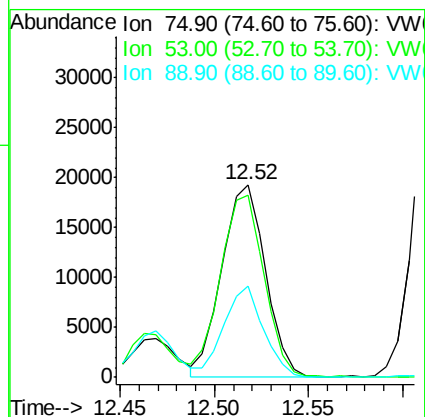
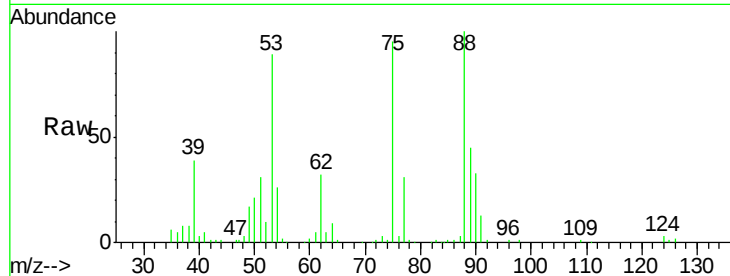
Tot Ion: 75 Resp: 30864

Ion Ratio Lower Upper

75 100

53 95.5 78.8 118.2

89 43.7 35.4 53.2



#82

4-Chlorotoluene

Concen: 99.376 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008090.D

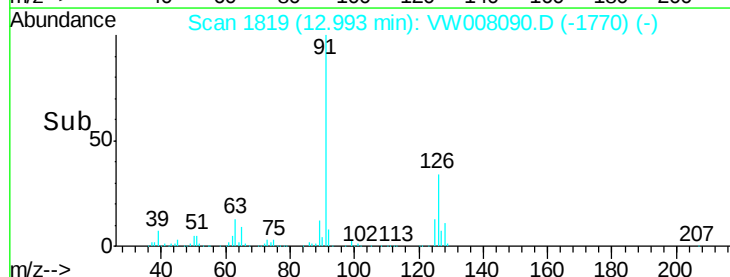
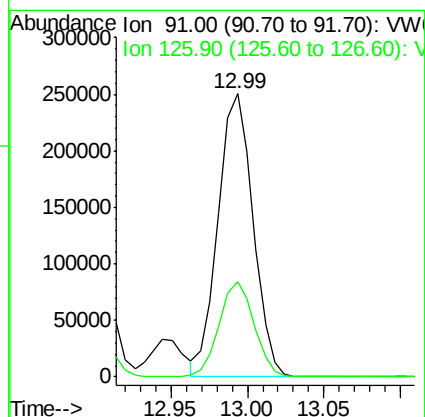
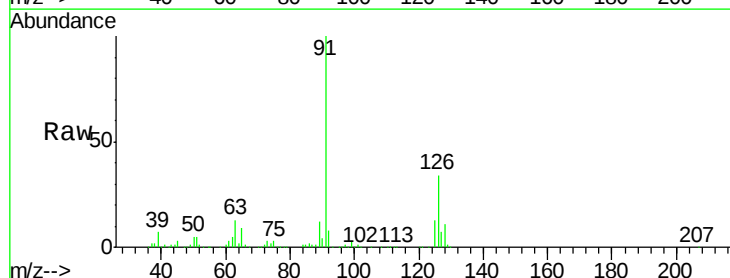
Acq: 08 Jan 2019 17:30

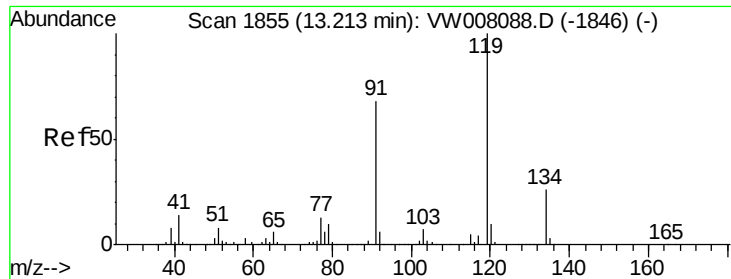
Tgt Ion: 91 Resp: 398327

Ion Ratio Lower Upper

91 100

126 33.6 16.5 49.5

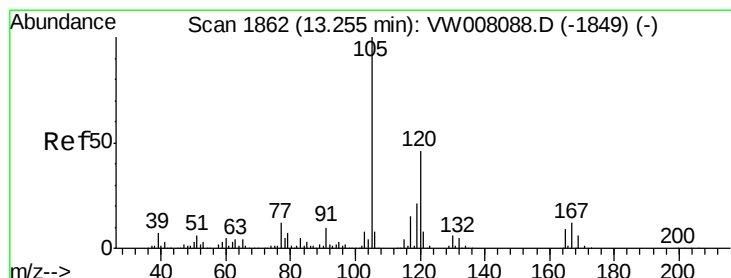
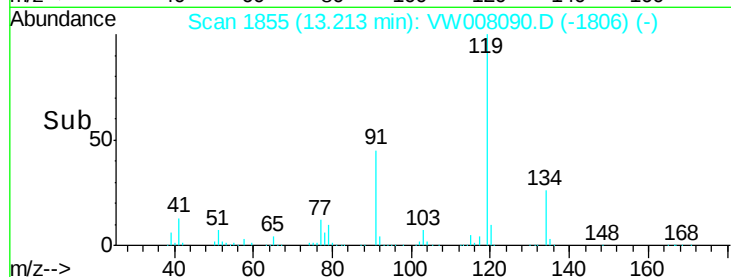
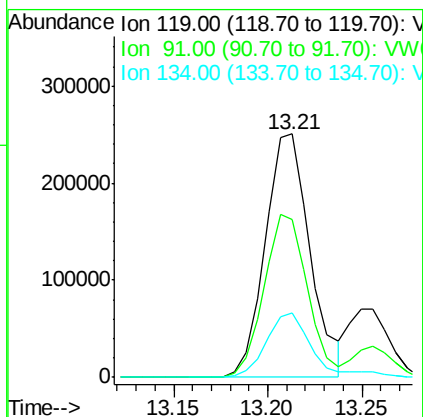
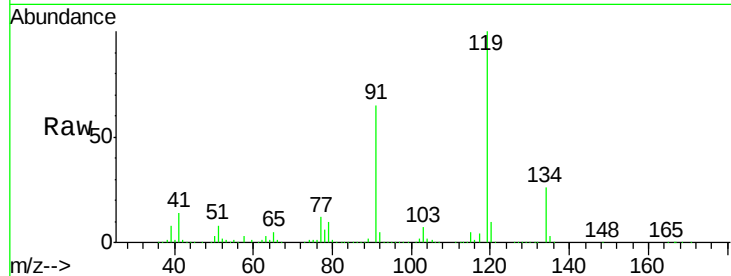




#83  
tert-Butylbenzene  
Concen: 98.481 ug/l  
RT: 13.21 min Scan# 1855  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

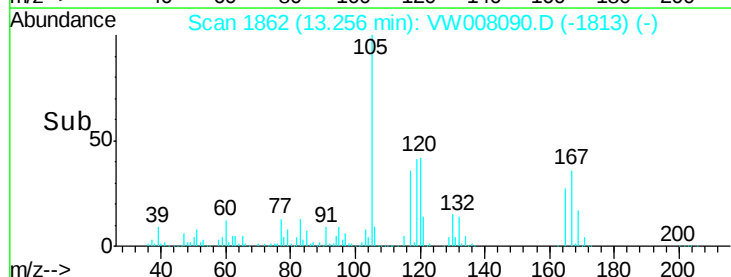
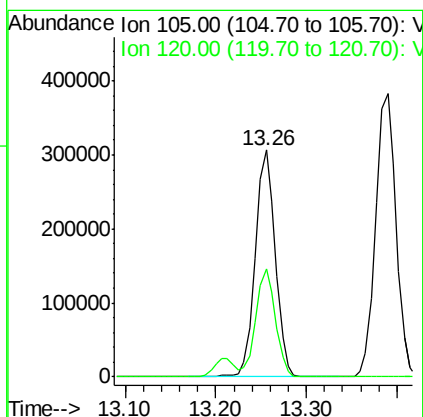
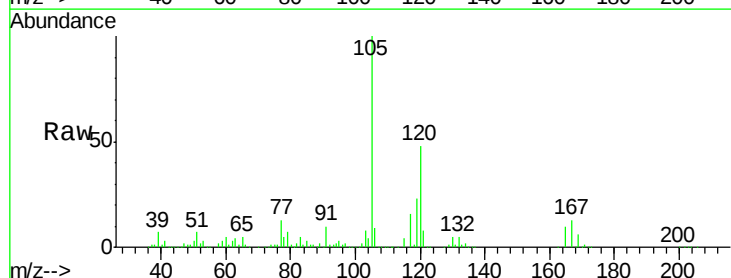
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

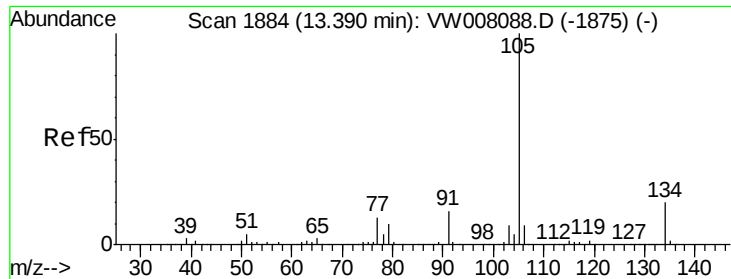
Tot Ion:119 Resp: 414424  
Ion Ratio Lower Upper  
119 100  
91 64.9 33.9 101.6  
134 27.2 13.6 40.8



#84  
1,2,4-Trimethylbenzene  
Concen: 95.850 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Tgt Ion:105 Resp: 467408  
Ion Ratio Lower Upper  
105 100  
120 47.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 101.845 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

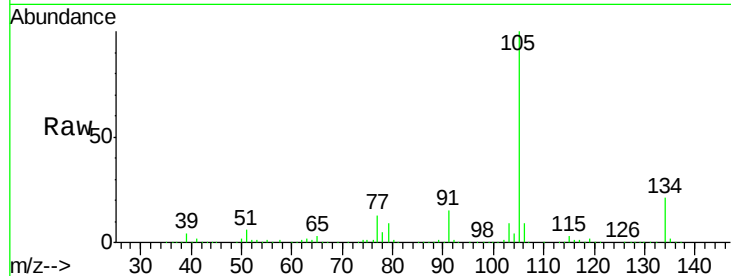
VSTDIC100

Tot Ion:105 Resp: 594901

Ion Ratio Lower Upper

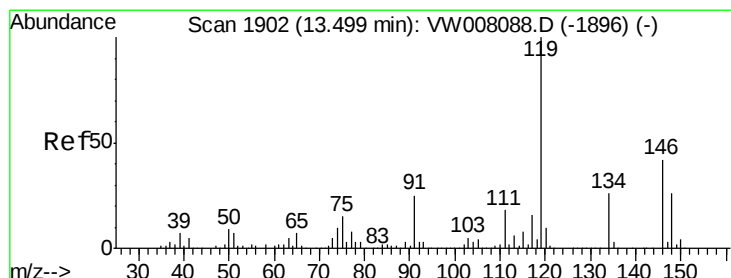
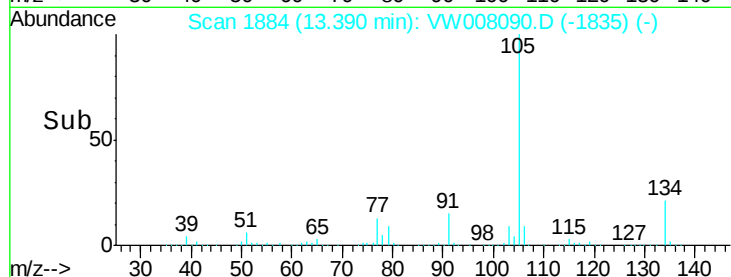
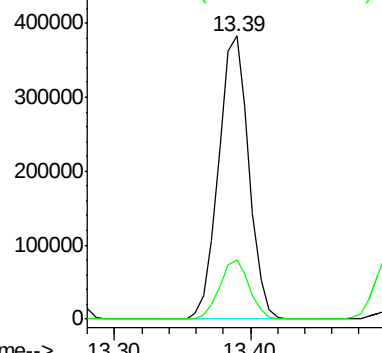
105 100

134 20.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 98.421 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

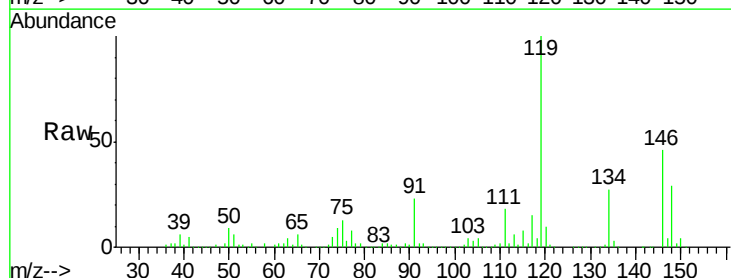
Tgt Ion:119 Resp: 515645

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.8

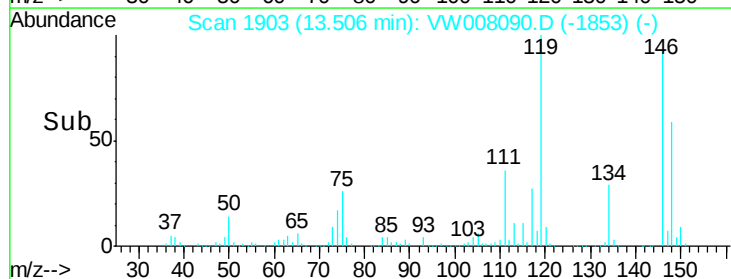
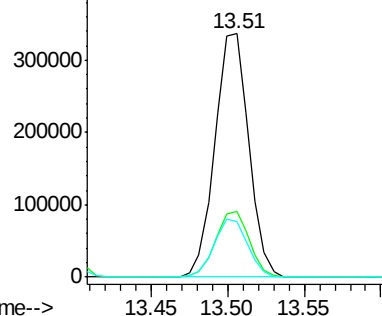
91 23.8 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

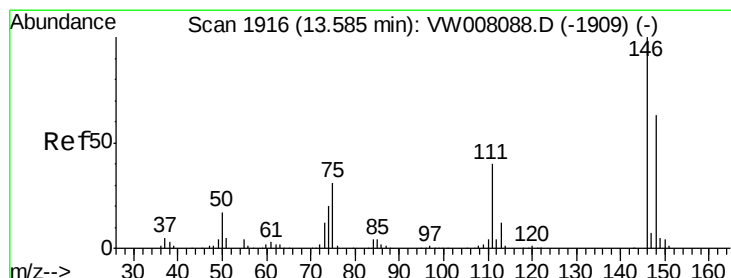
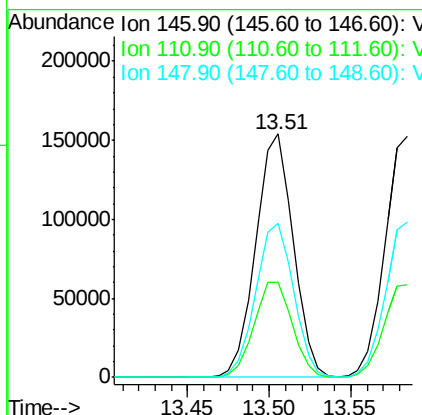
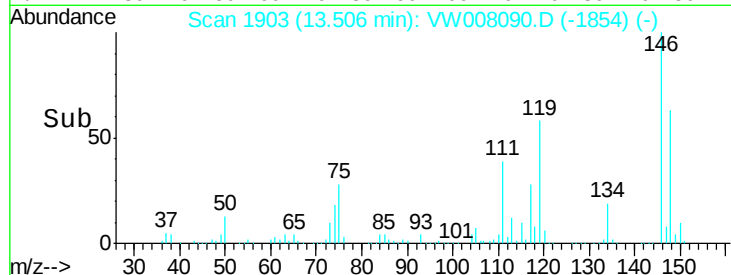
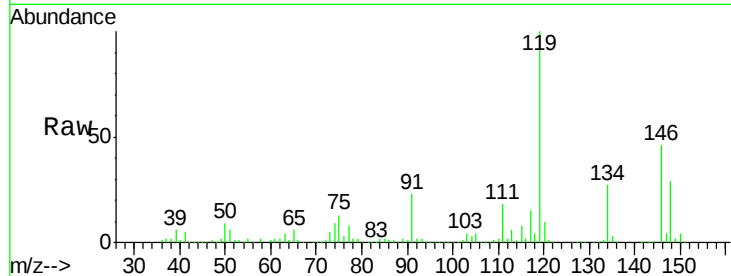




#87  
 1,3-Dichlorobenzene  
 Concen: 101.130 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

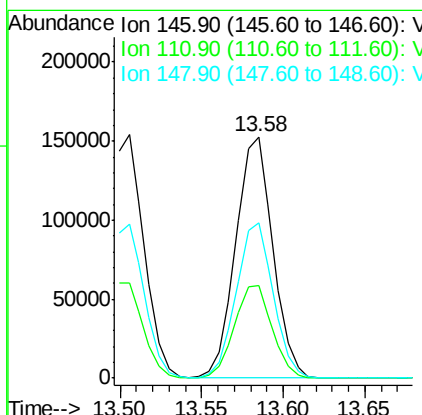
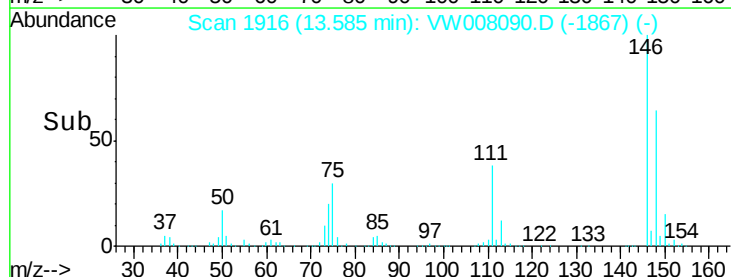
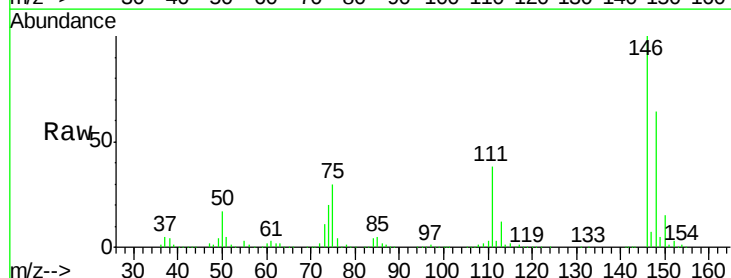
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

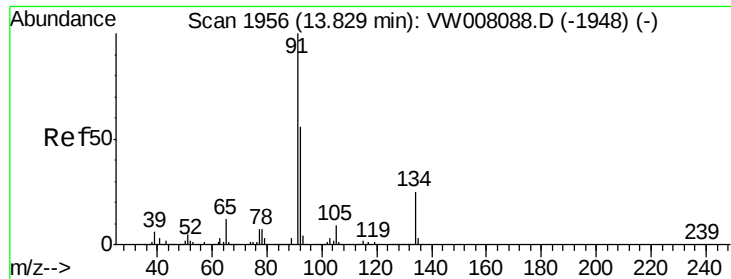
Tot Ion:146 Resp: 245749  
 Ion Ratio Lower Upper  
 146 100  
 111 40.1 21.1 63.1  
 148 64.0 31.3 93.9



#88  
 1,4-Dichlorobenzene  
 Concen: 100.339 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Tgt Ion:146 Resp: 241902  
 Ion Ratio Lower Upper  
 146 100  
 111 39.1 20.5 61.5  
 148 64.2 31.6 94.8





#89

n-Butylbenzene

Concen: 103.750 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008090.D

Acq: 08 Jan 2019 17:30

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

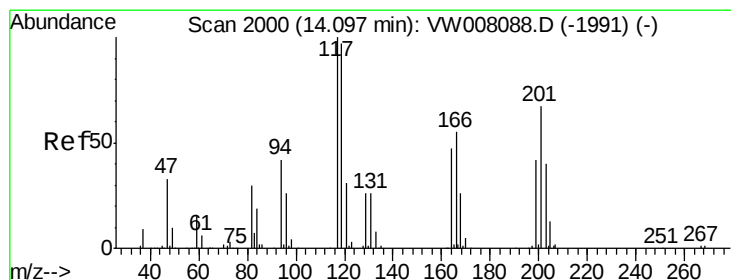
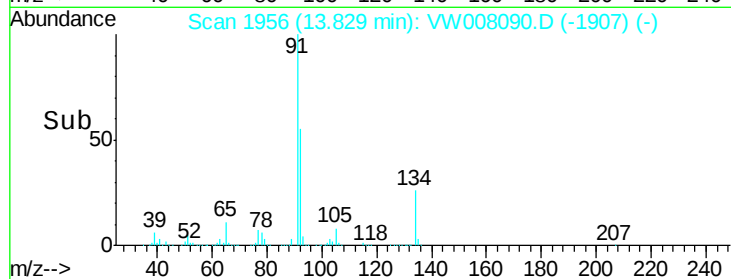
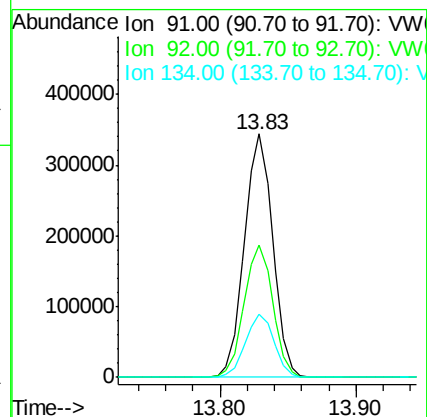
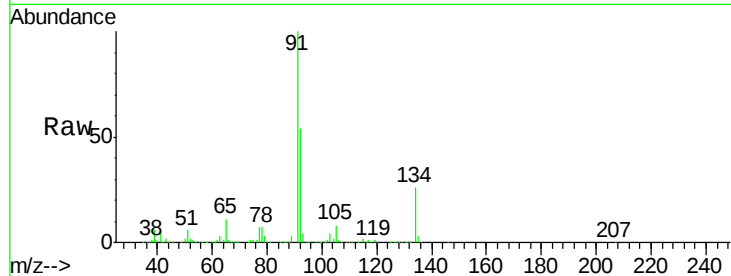
Tot Ion: 91 Resp: 502262

Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.2

134 26.2 12.6 37.8



#90

Hexachloroethane

Concen: 101.235 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008090.D

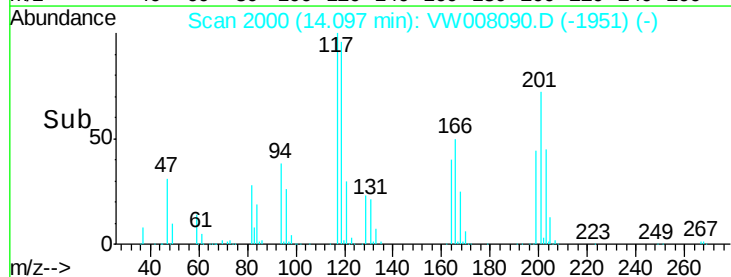
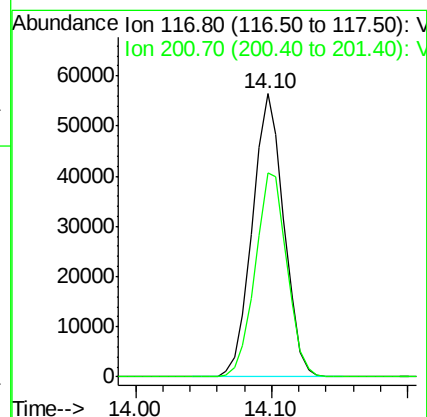
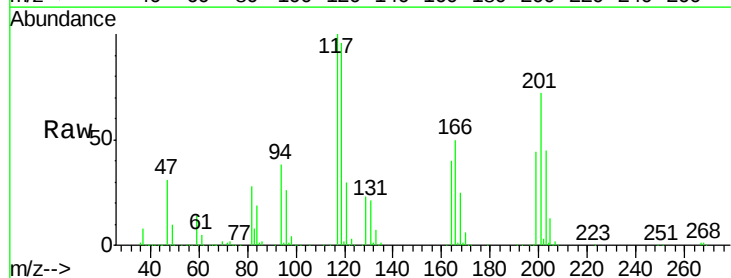
Acq: 08 Jan 2019 17:30

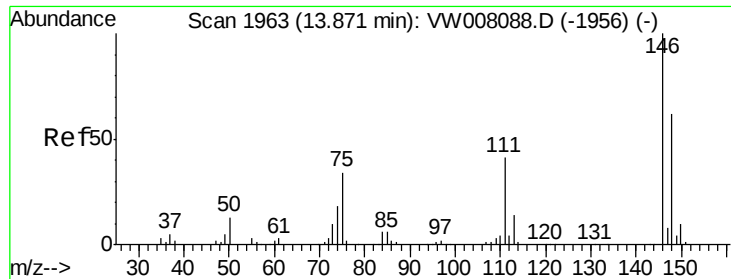
Tgt Ion: 117 Resp: 91741

Ion Ratio Lower Upper

117 100

201 73.2 33.0 98.9

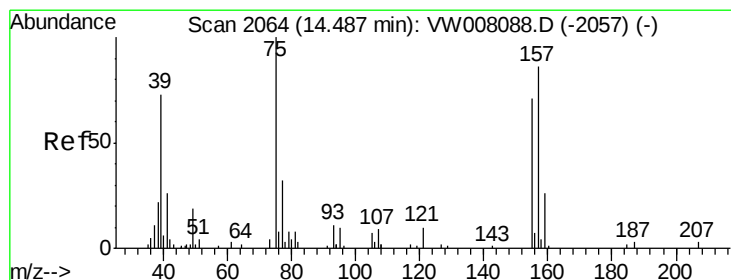
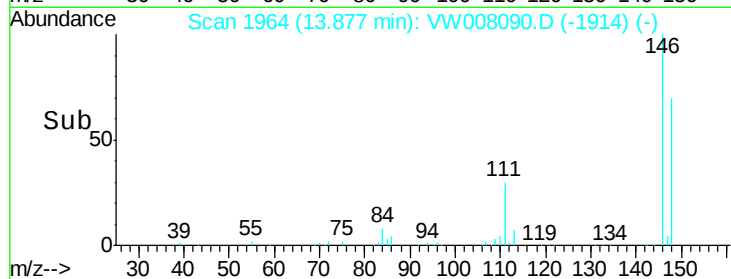
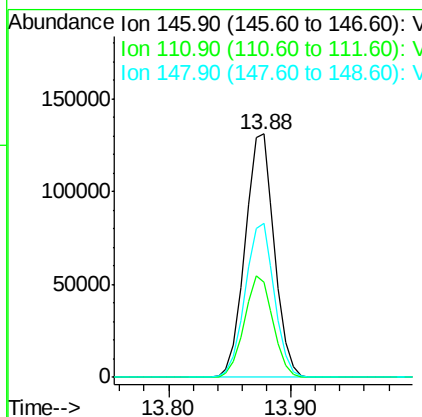
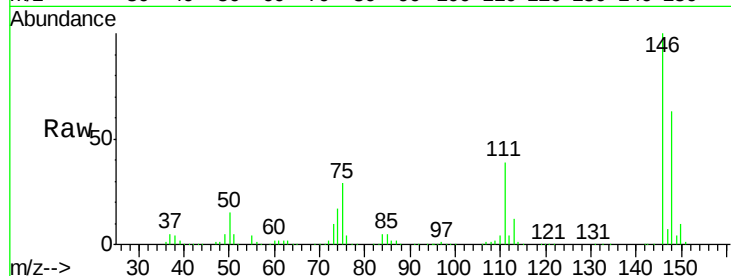




#91  
 1,2-Dichlorobenzene  
 Concen: 101.441 ug/l  
 RT: 13.88 min Scan# 1964  
 Delta R.T. 0.01 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

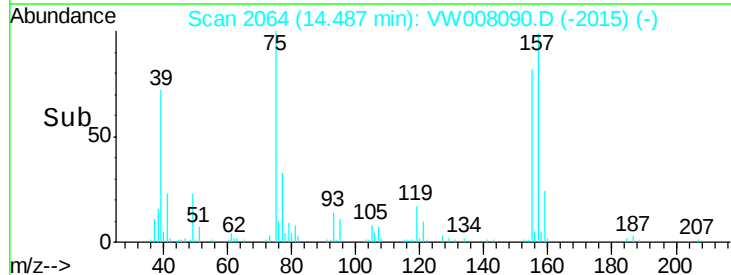
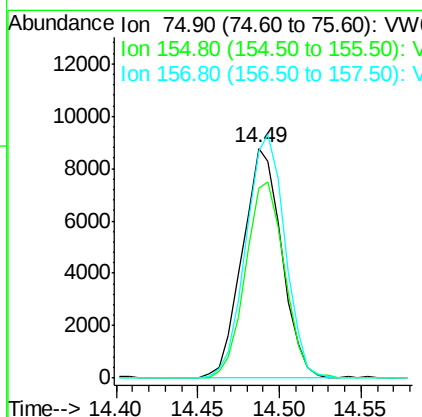
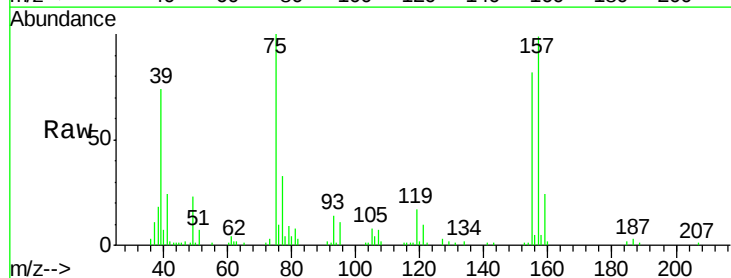
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

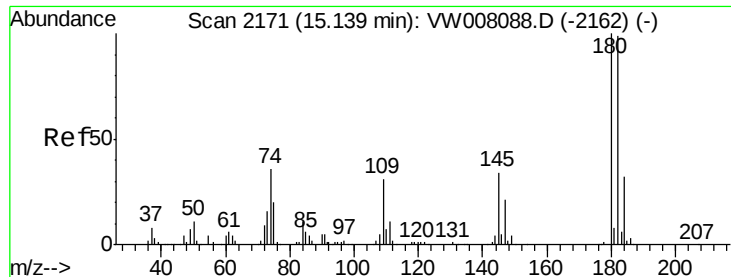
Tot Ion:146 Resp: 216987  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 21.3 63.7  
 148 63.3 31.5 94.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 100.962 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Tgt Ion: 75 Resp: 14690  
 Ion Ratio Lower Upper  
 75 100  
 155 84.5 38.6 115.7  
 157 105.4 47.5 142.6

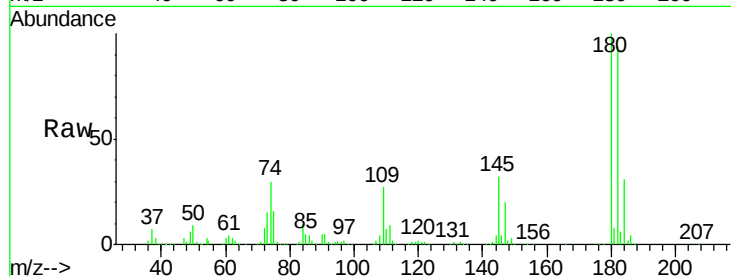




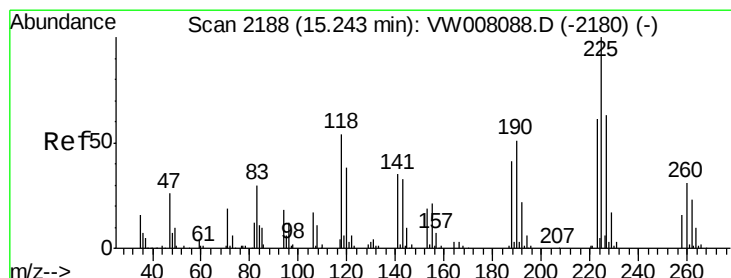
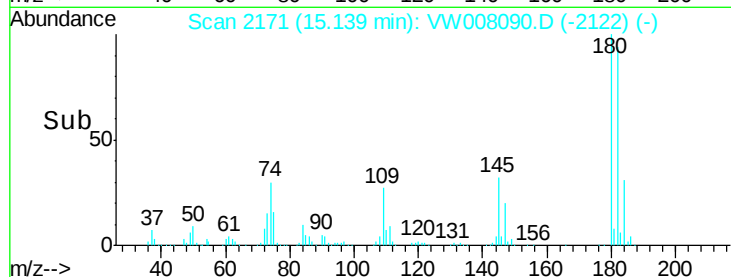
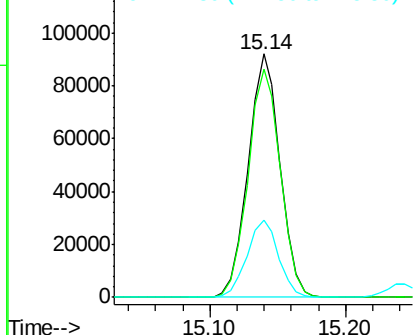
#93  
 1,2,4-Trichlorobenzene  
 Concen: 102.112 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

Tot Ion:180 Resp: 150704  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 48.6 145.9  
 145 31.4 16.6 49.7

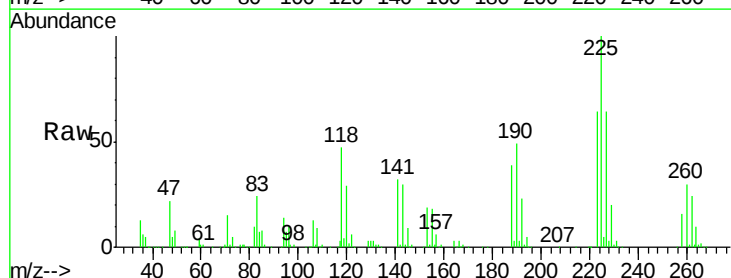


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

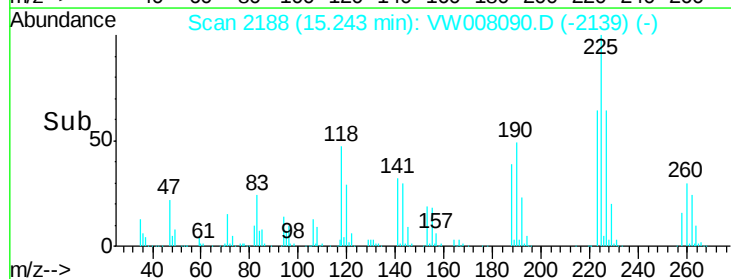
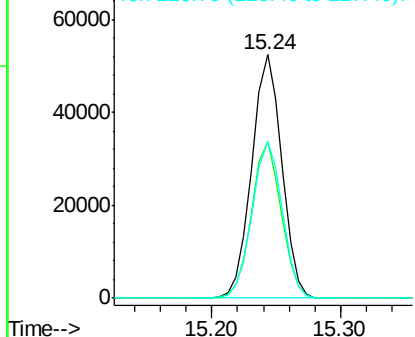


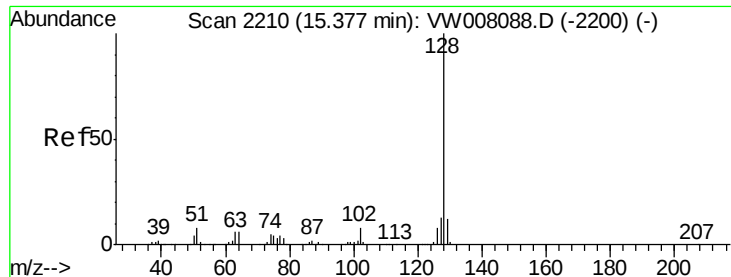
#94  
 Hexachlorobutadiene  
 Concen: 99.140 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: VW008090.D  
 Acq: 08 Jan 2019 17:30

Tgt Ion:225 Resp: 83867  
 Ion Ratio Lower Upper  
 225 100  
 223 63.6 31.4 94.3  
 227 64.9 32.0 96.2



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

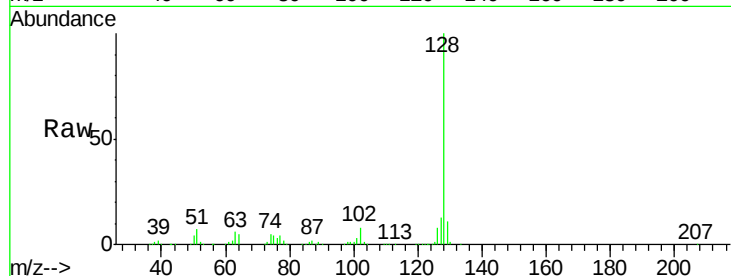




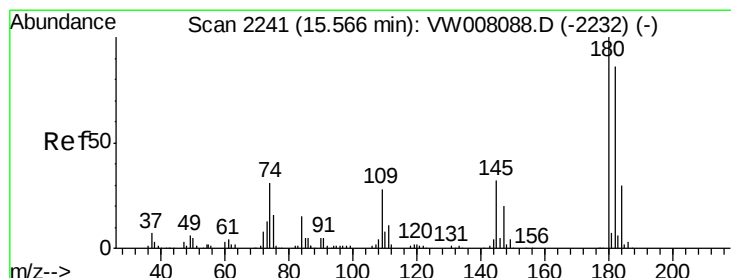
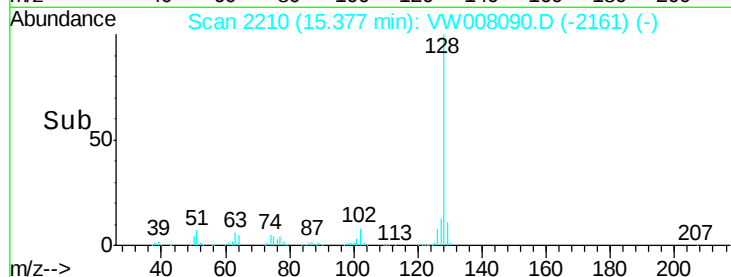
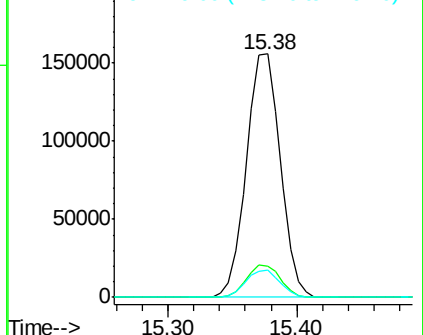
#95  
Naphthalene  
Concen: 110.718 ug/l  
RT: 15.38 min Scan# 2210  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC100

Tot Ion:128 Resp: 283232  
Ion Ratio Lower Upper  
128 100  
127 13.5 11.0 16.4  
129 11.1 9.0 13.6

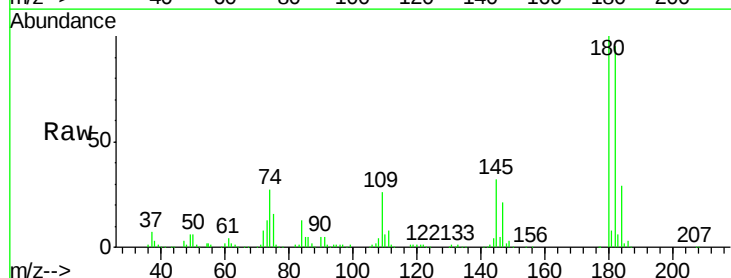


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 106.231 ug/l  
RT: 15.57 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: VW008090.D  
Acq: 08 Jan 2019 17:30

Tgt Ion:180 Resp: 130445  
Ion Ratio Lower Upper  
180 100  
182 94.8 46.5 139.3  
145 33.2 17.4 52.2



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

