

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\  
 Data File : VD064036.D  
 Acq On : 23 Oct 2019 22:25  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 24 06:01:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100219S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 05 03:51:17 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 131606   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 218288   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 231012   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 135768   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.34  | 65   | 73038    | 57.00 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 114.00% |          |
| 35) Dibromofluoromethane    | 7.93  | 113  | 73408    | 55.03 | ug/l    | 0.01     |
| Spiked Amount               |       |      | Recovery | =     | 110.06% |          |
| 50) Toluene-d8              | 10.34 | 98   | 303134   | 55.98 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 111.96% |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 107023   | 56.88 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 113.76% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85   | 36041    | 38.616  | ug/l   | 94     |
| 3) Chloromethane              | 2.21 | 50   | 133208   | 53.110  | ug/l   | 100    |
| 4) Vinyl Chloride             | 2.35 | 62   | 154382   | 51.179  | ug/l   | 96     |
| 5) Bromomethane               | 2.77 | 94   | 98168    | 50.621  | ug/l   | 90     |
| 6) Chloroethane               | 2.93 | 64   | 107445   | 53.859  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.28 | 101  | 219601   | 55.062  | ug/l   | 92     |
| 8) Diethyl Ether              | 3.71 | 74   | 32079    | 50.112  | ug/l   | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.08 | 101  | 45651    | 41.351  | ug/l   | 96     |
| 10) Methyl Iodide             | 4.30 | 142  | 58082    | 38.181  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.24 | 59   | 22157    | 248.881 | ug/l # | 71     |
| 12) 1,1-Dichloroethene        | 4.06 | 96   | 41981    | 38.062  | ug/l   | 98     |
| 13) Acrolein                  | 3.92 | 56   | 38665    | 337.873 | ug/l   | 97     |
| 14) Allyl chloride            | 4.71 | 41   | 90935    | 49.589  | ug/l   | 93     |
| 15) Acrylonitrile             | 5.43 | 53   | 87596    | 310.371 | ug/l   | 99     |
| 16) Acetone                   | 4.17 | 43   | 72673    | 217.853 | ug/l # | 84     |
| 17) Carbon Disulfide          | 4.41 | 76   | 152586   | 38.057  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.73 | 43   | 42220    | 64.709  | ug/l   | 91     |
| 19) Methyl tert-butyl Ether   | 5.49 | 73   | 151370   | 52.998  | ug/l   | 95     |
| 20) Methylene Chloride        | 4.97 | 84   | 73144    | 49.378  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 5.48 | 96   | 65001    | 47.340  | ug/l   | 95     |
| 22) Diisopropyl ether         | 6.37 | 45   | 214119   | 57.173  | ug/l   | 93     |
| 23) Vinyl Acetate             | 6.31 | 43   | 646814   | 290.322 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.27 | 63   | 124835   | 54.115  | ug/l   | 98     |
| 25) 2-Butanone                | 7.22 | 43   | 113026   | 285.897 | ug/l   | 92     |
| 26) 2,2-Dichloropropane       | 7.21 | 77   | 93364    | 44.741  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96   | 82683    | 53.202  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.56 | 49   | 59500    | 67.177  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.57 | 42   | 67813    | 293.879 | ug/l   | 97     |
| 30) Chloroform                | 7.71 | 83   | 140862   | 56.221  | ug/l   | 93     |
| 31) Cyclohexane               | 7.98 | 56   | 103982   | 54.912  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97   | 112759   | 52.465  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 8.11 | 75   | 98512    | 49.358  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.30 | 43   | 46136    | 58.311  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 8.10 | 117  | 99327    | 49.247  | ug/l   | 90     |

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 Quant Title : SW846 8260  
 QLast Update : Sat Oct 05 03:51:17 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 116320   | 47.400   | ug/l   | 95       |
| 40) Benzene                    | 8.35  | 78   | 304749   | 53.282   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.53  | 41   | 26882    | 58.094   | ug/l   | 88       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 88350    | 53.401   | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 89448    | 53.440   | ug/l   | 97       |
| 44) Trichloroethene            | 9.12  | 130  | 82446    | 49.989   | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 76814    | 54.869   | ug/l   | 98       |
| 46) Dibromomethane             | 9.48  | 93   | 45462    | 57.021   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.67  | 83   | 111307   | 54.224   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.46  | 41   | 40458    | 50.448   | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 12859    | 1181.578 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 252593   | 290.982  | ug/l   | 96       |
| 52) Toluene                    | 10.41 | 92   | 220034   | 56.040   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 108686   | 54.260   | ug/l   | 90       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 122776   | 53.248   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 68063    | 60.461   | ug/l   | 90       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 80857    | 56.719   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 112832   | 58.581   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 178796   | 291.784  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.99 | 43   | 178089   | 283.610  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 85181    | 58.121   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.26 | 107  | 65207    | 59.749   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.88 | 164  | 82063    | 52.035   | ug/l   | 94       |
| 65) Chlorobenzene              | 11.67 | 112  | 245935   | 53.011   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 92934    | 54.364   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.75 | 91   | 438777   | 52.450   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 350798   | 108.641  | ug/l   | 97       |
| 69) o-Xylene                   | 12.18 | 106  | 163509   | 52.884   | ug/l   | 98       |
| 70) Styrene                    | 12.20 | 104  | 287582   | 54.944   | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 53350    | 58.151   | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.48 | 105  | 429750   | 47.086   | ug/l   | 96       |
| 74) N-amyl acetate             | 12.30 | 43   | 90057    | 45.829   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 82267    | 51.798   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 102684   | 112.922  | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 116998   | 51.452   | ug/l   | 95       |
| 78) n-propylbenzene            | 12.83 | 91   | 522942   | 48.813   | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 286516   | 48.503   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 380270   | 49.941   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 23231    | 45.208   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 303111   | 48.371   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 338046   | 49.884   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 395460   | 50.377   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 453373   | 49.540   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 432247   | 49.913   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 231007   | 51.414   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 231766   | 52.287   | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.85 | 91   | 400075   | 49.632   | ug/l   | 97       |
| 90) Hexachloroethane           | 14.11 | 117  | 81276    | 52.182   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 200955   | 51.899   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 12445    | 50.455   | ug/l   | 83       |

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ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

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Quant Title : SW846 8260  
QLast Update : Sat Oct 05 03:51:17 2019  
Response via : Initial Calibration

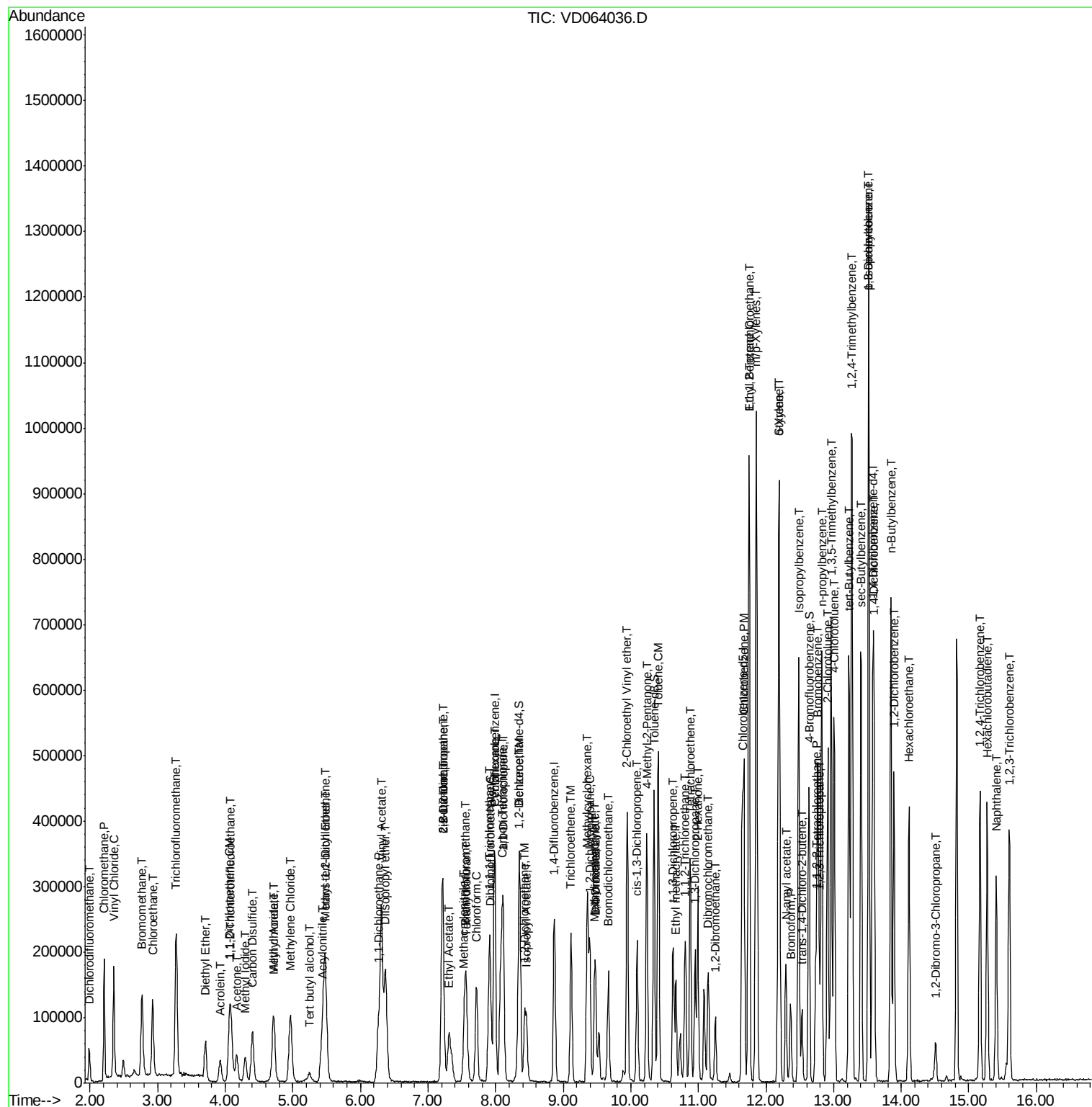
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 145439   | 48.680 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 81995    | 49.733 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 273412   | 54.447 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 133796   | 51.904 | ug/l  | 99       |

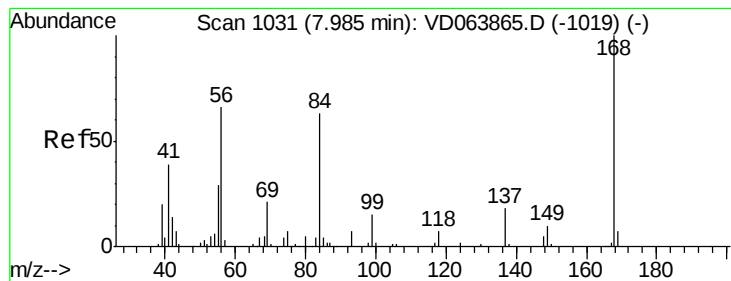
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102319\  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

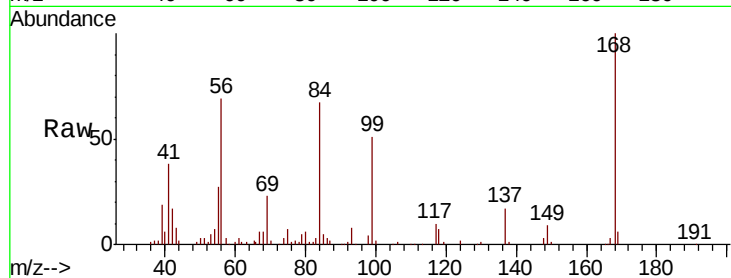
ClientSampleId :

Tot Ion:168 Resp: 131606

Ion Ratio Lower Upper

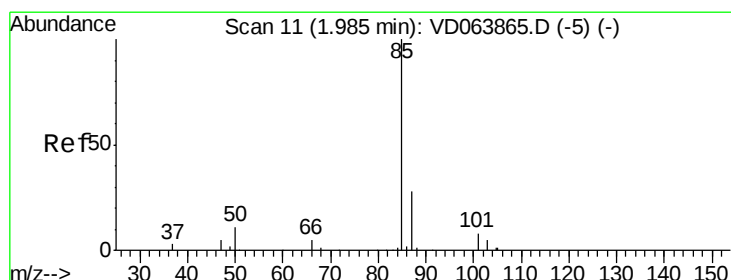
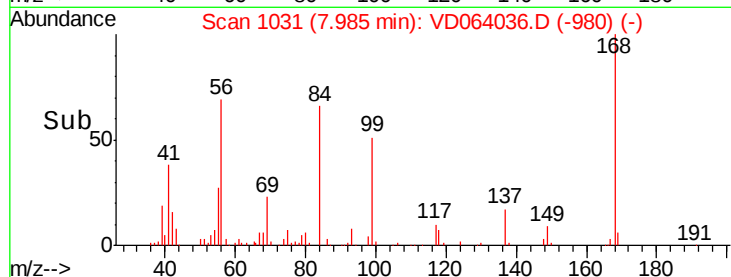
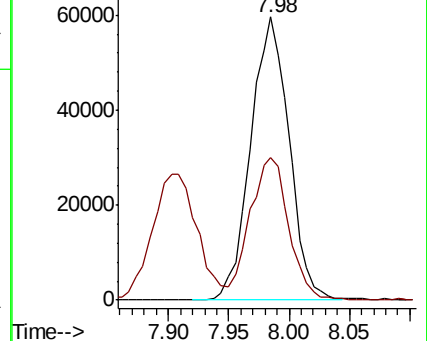
168 100

99 49.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 38.616 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD064036.D

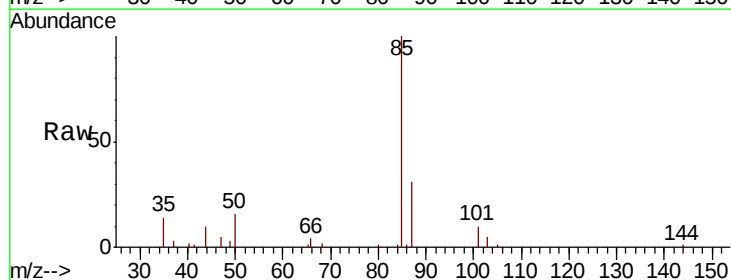
Acq: 23 Oct 2019 22:25

Tgt Ion: 85 Resp: 36041

Ion Ratio Lower Upper

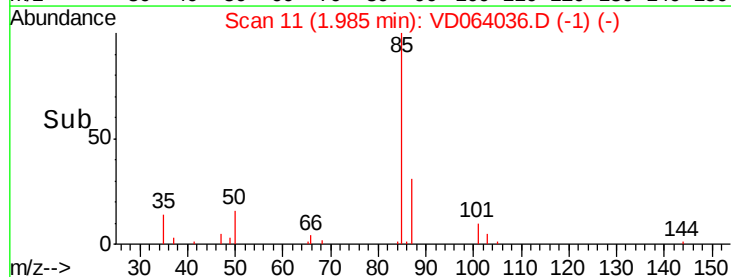
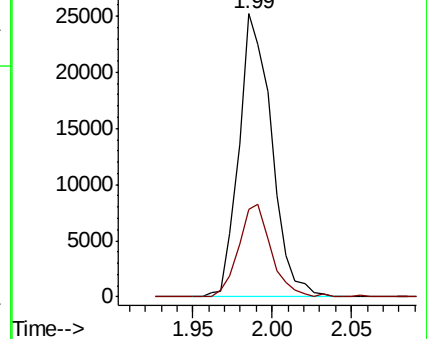
85 100

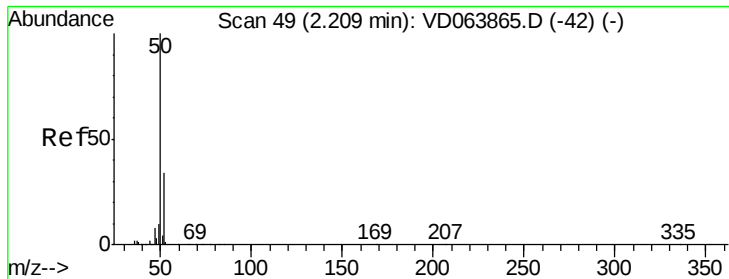
87 30.9 14.0 42.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 53.110 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

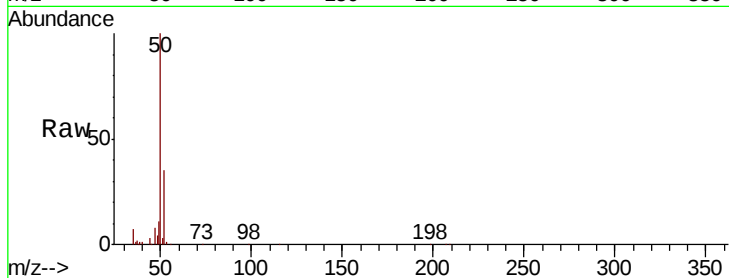
ClientSampleId :

Tot Ion: 50 Resp: 133208

Ion Ratio Lower Upper

50 100

52 34.7 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

120000

100000

80000

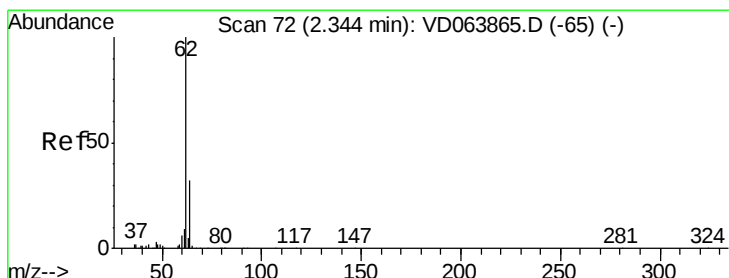
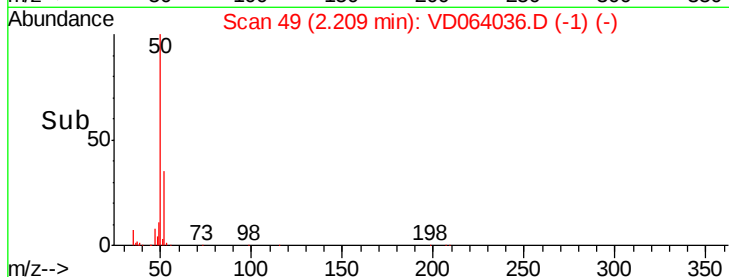
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 51.179 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD064036.D

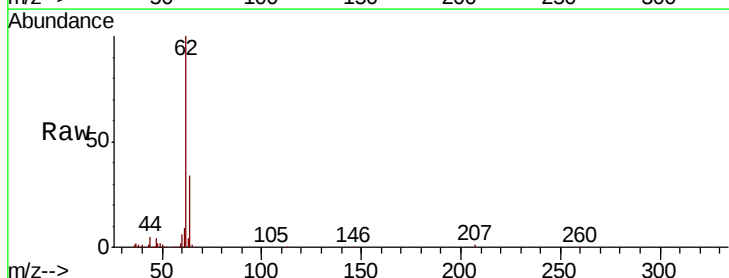
Acq: 23 Oct 2019 22:25

Tgt Ion: 62 Resp: 154382

Ion Ratio Lower Upper

62 100

64 33.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

100000

80000

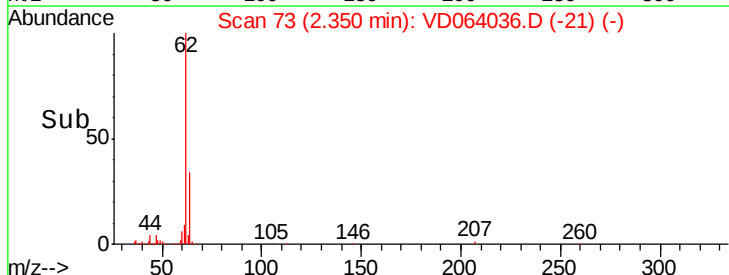
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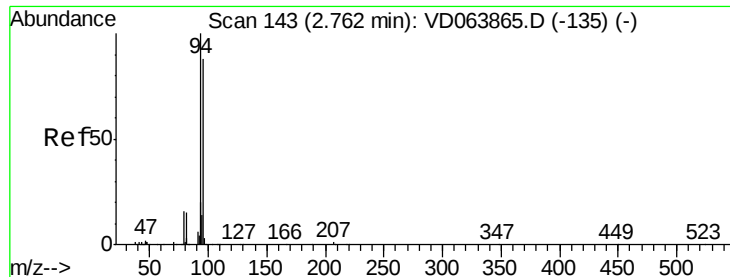
40000

20000

0

Time-->





#5

Bromomethane

Concen: 50.621 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

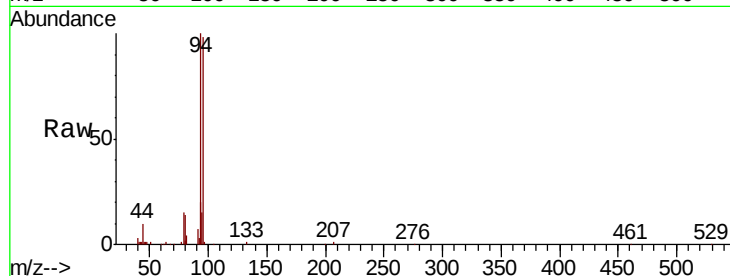
ClientSampleId :

Tot Ion: 94 Resp: 98168

Ion Ratio Lower Upper

94 100

96 97.7 70.8 106.2

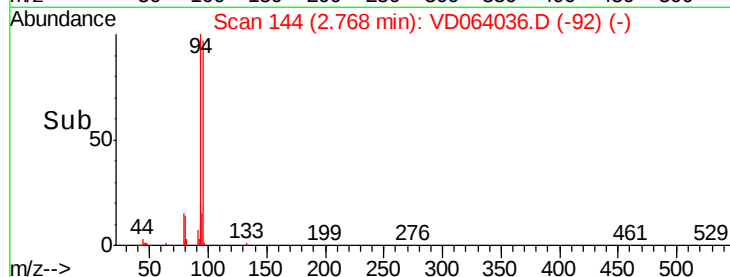


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

Time-->



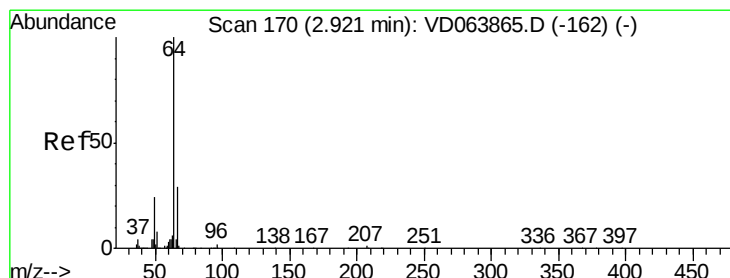
Abundance

Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

Time-->



#6

Chloroethane

Concen: 53.859 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD064036.D

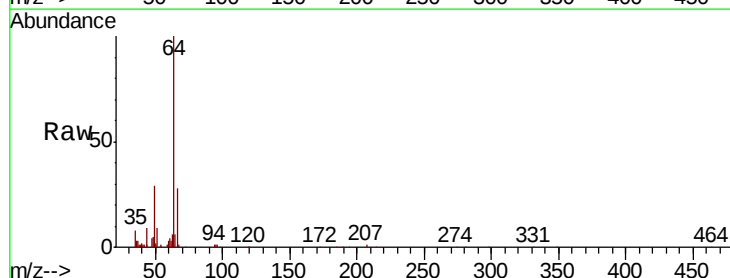
Acq: 23 Oct 2019 22:25

Tgt Ion: 64 Resp: 107445

Ion Ratio Lower Upper

64 100

66 28.4 23.0 34.4

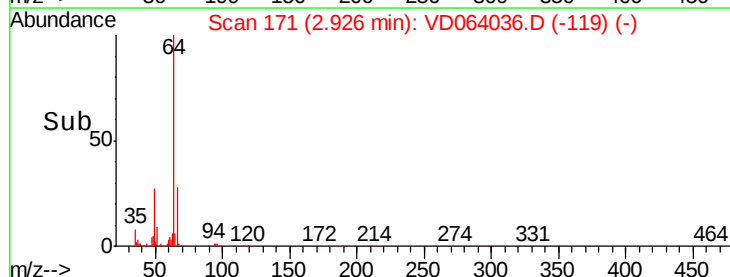


Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

Time-->



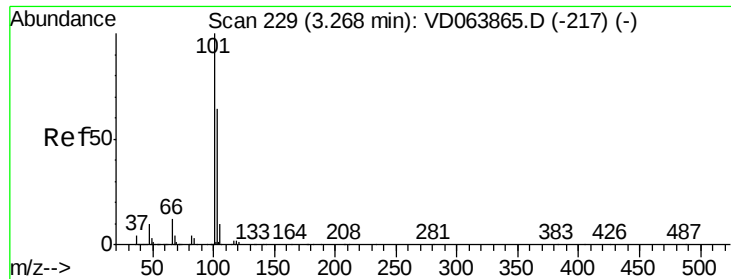
Abundance

Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

Time-->

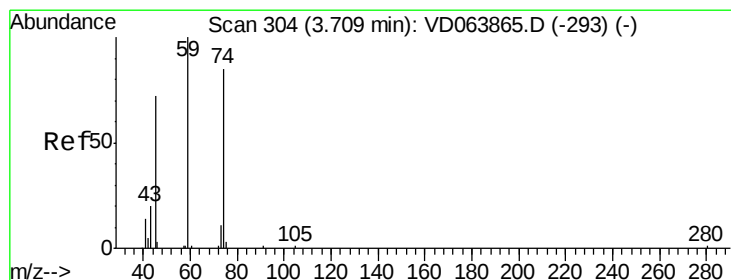
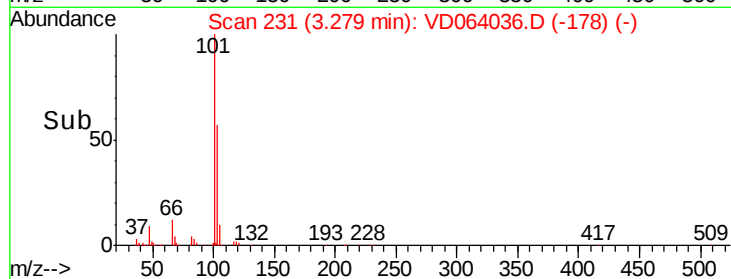
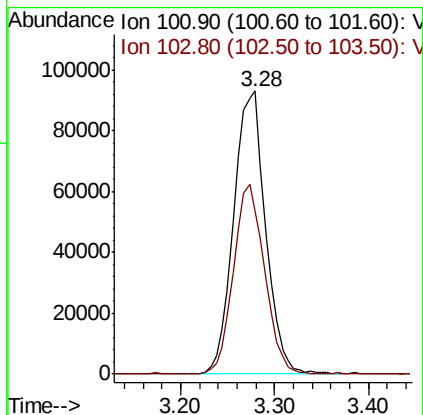
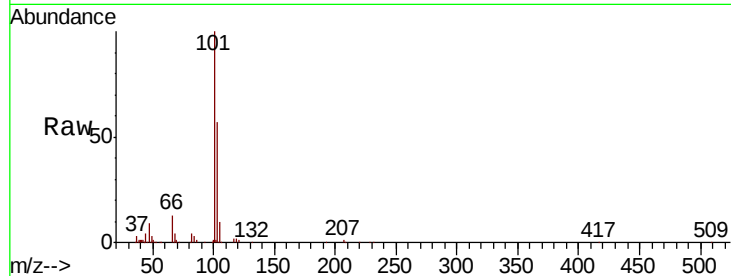


#7

Trichlorofluoromethane  
 Concen: 55.062 ug/l  
 RT: 3.28 min Scan# 231  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Instrument :  
 MSVOA\_D  
 ClientSampleId :

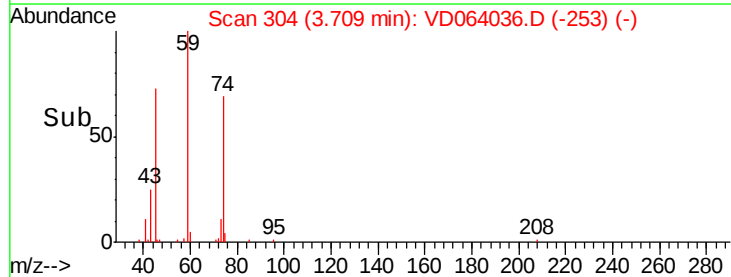
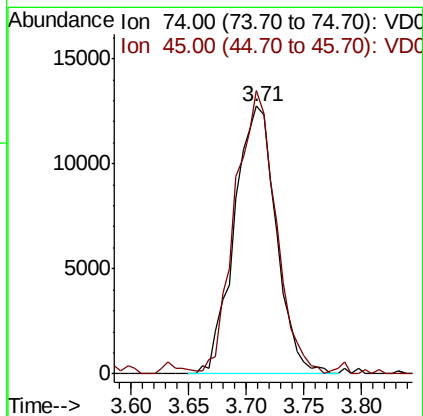
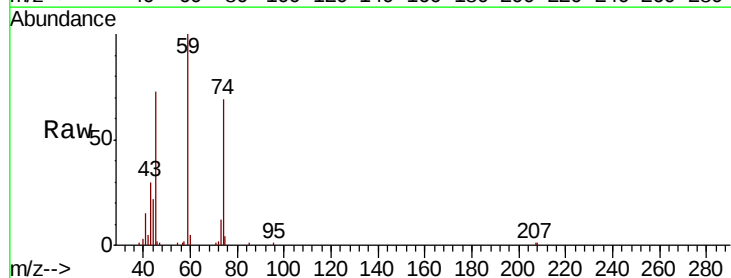
Tot Ion:101 Resp: 219601  
 Ion Ratio Lower Upper  
 101 100  
 103 57.5 51.1 76.7

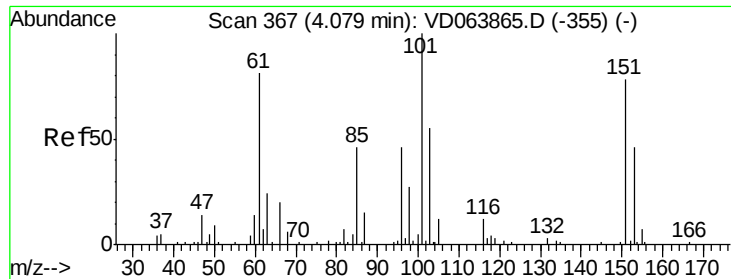


#8

Diethyl Ether  
 Concen: 50.112 ug/l  
 RT: 3.71 min Scan# 304  
 Delta R.T. -0.00 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Tgt Ion: 74 Resp: 32079  
 Ion Ratio Lower Upper  
 74 100  
 45 103.2 48.1 144.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.351 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.00 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

ClientSampleId :

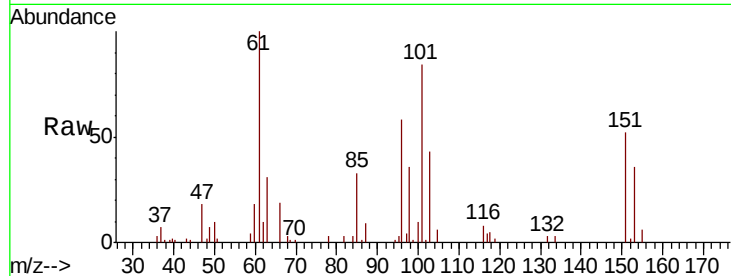
Tot Ion:101 Resp: 45651

Ion Ratio Lower Upper

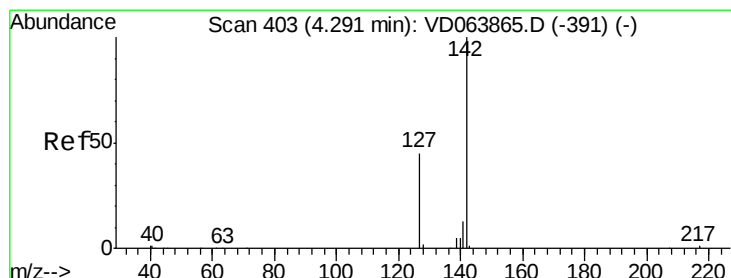
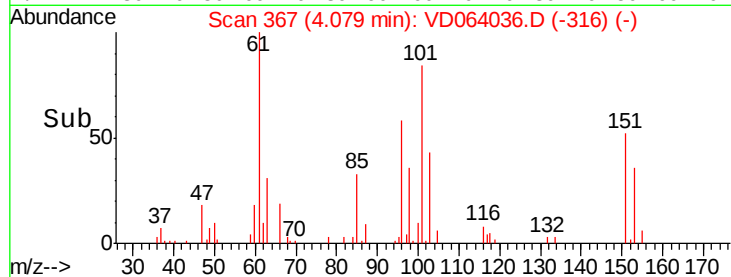
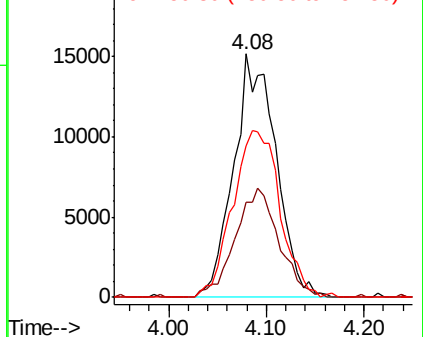
101 100

85 46.4 37.5 56.3

151 76.8 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): V  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.181 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

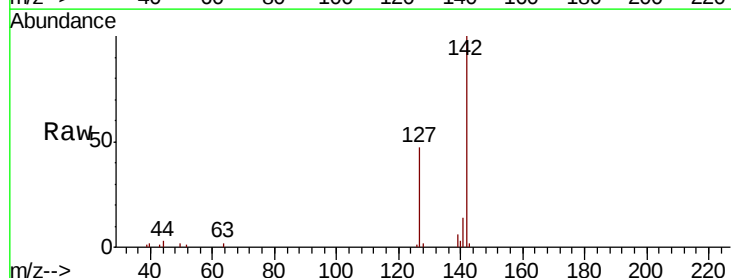
Tgt Ion:142 Resp: 58082

Ion Ratio Lower Upper

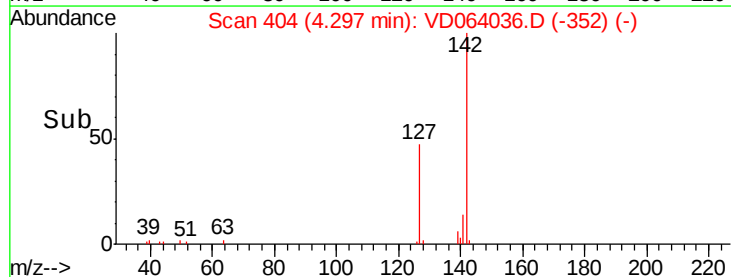
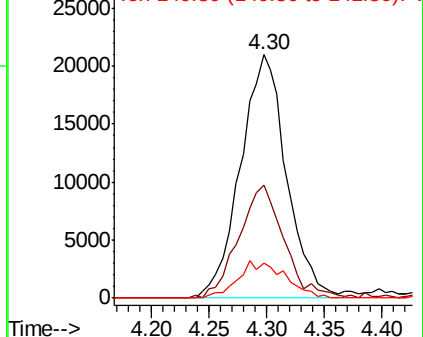
142 100

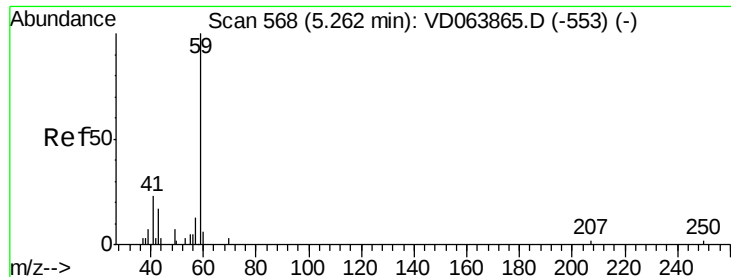
127 45.7 35.3 52.9

141 15.5 12.2 18.2



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



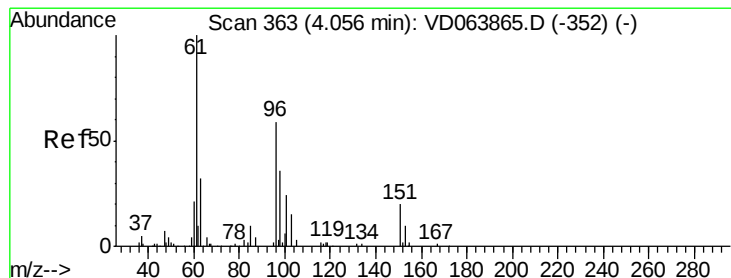
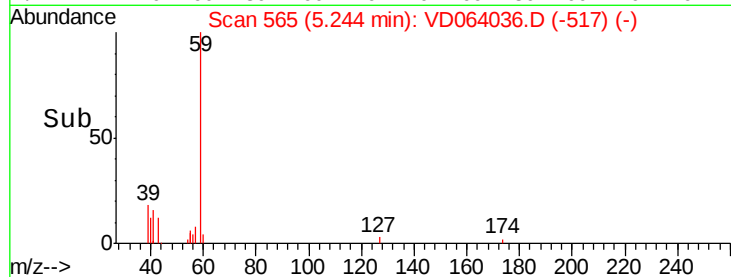
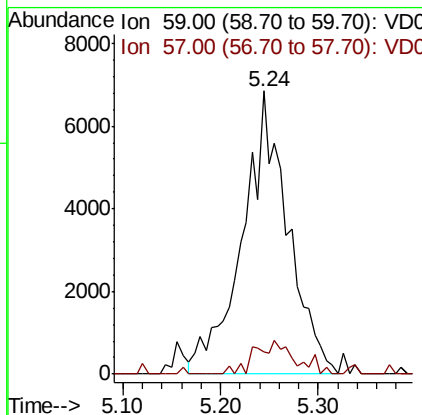
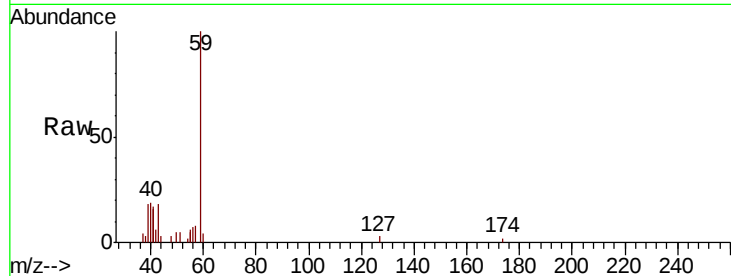


#11

Tert butyl alcohol  
 Concen: 248.881 ug/l  
 RT: 5.24 min Scan# 565  
 Delta R.T. -0.02 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Instrument :  
 MSVOA\_D  
 ClientSampleId :

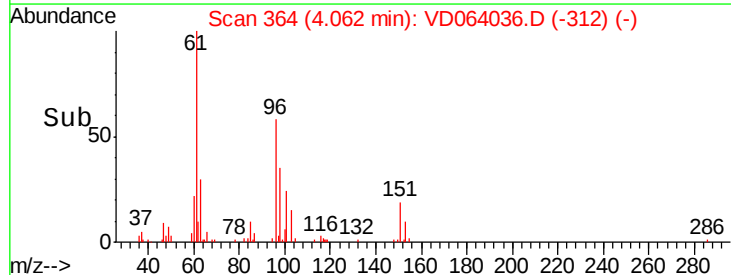
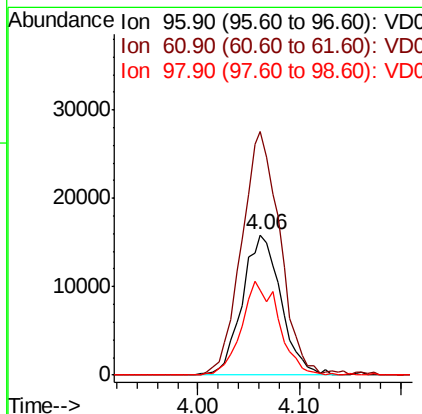
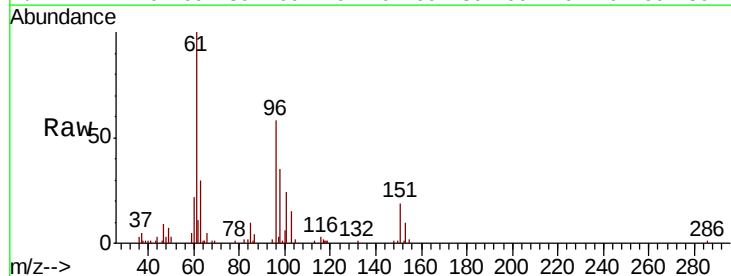
Tot Ion: 59 Resp: 22157  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.8 13.2#

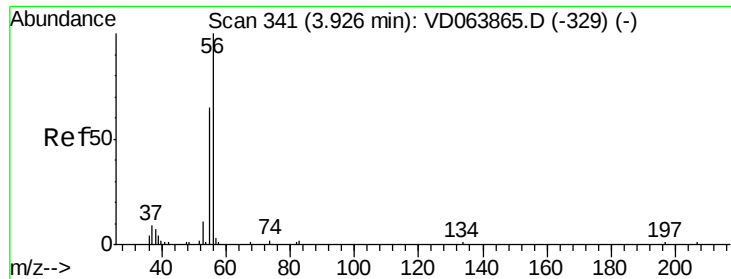


#12

1,1-Dichloroethene  
 Concen: 38.062 ug/l  
 RT: 4.06 min Scan# 364  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Tgt Ion: 96 Resp: 41981  
 Ion Ratio Lower Upper  
 96 100  
 61 173.3 135.6 203.4  
 98 60.9 49.2 73.8





#13

Acrolein

Concen: 337.873 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

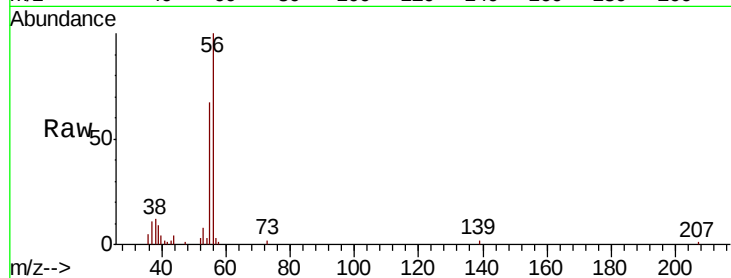
ClientSampleId :

Tot Ion: 56 Resp: 38665

Ion Ratio Lower Upper

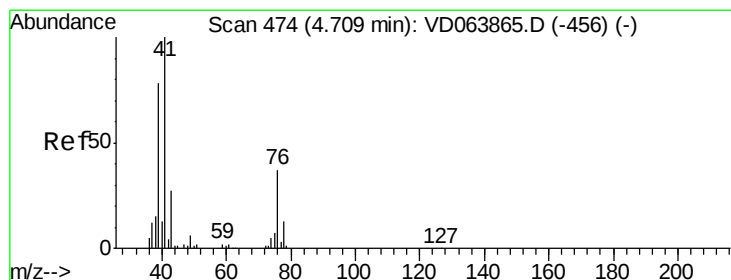
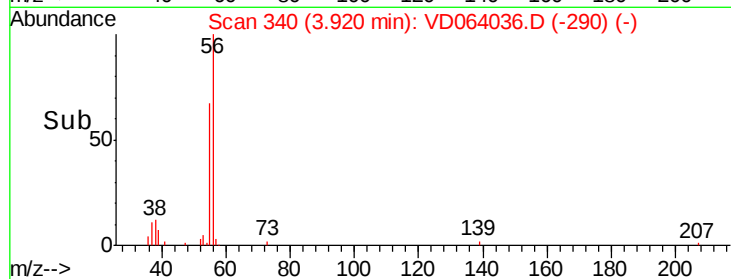
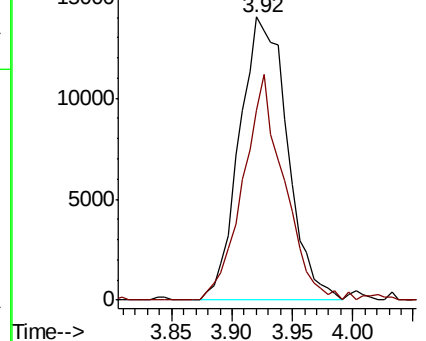
56 100

55 68.4 53.0 79.6



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 49.589 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

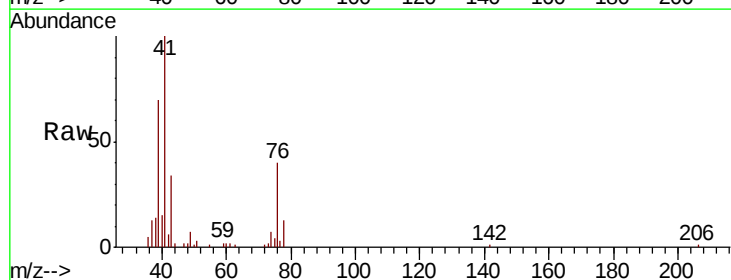
Tgt Ion: 41 Resp: 90935

Ion Ratio Lower Upper

41 100

39 71.4 61.8 92.6

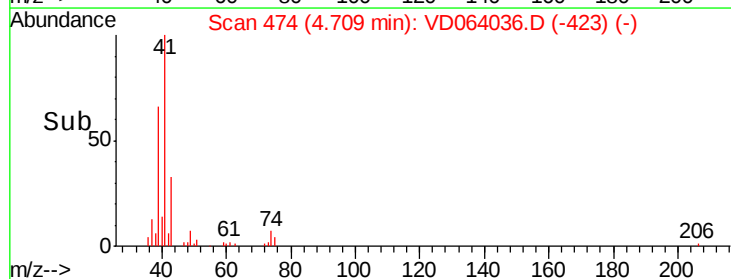
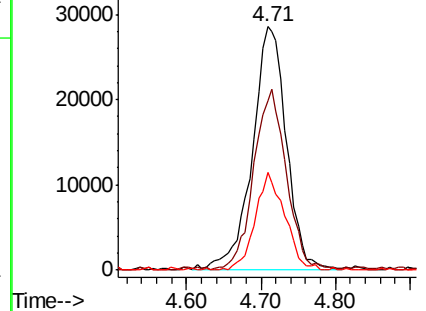
76 34.6 31.3 46.9

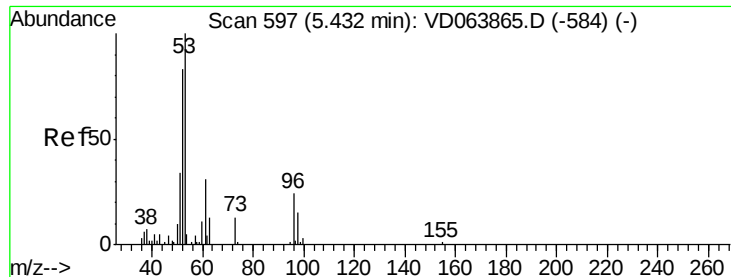


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 310.371 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

ClientSampleId :

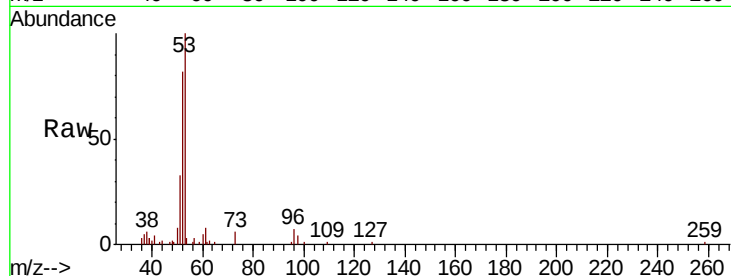
Tot Ion: 53 Resp: 87596

Ion Ratio Lower Upper

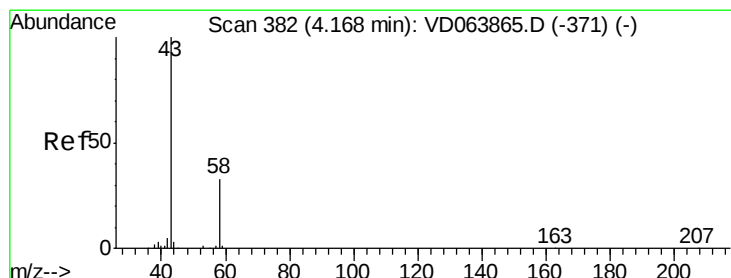
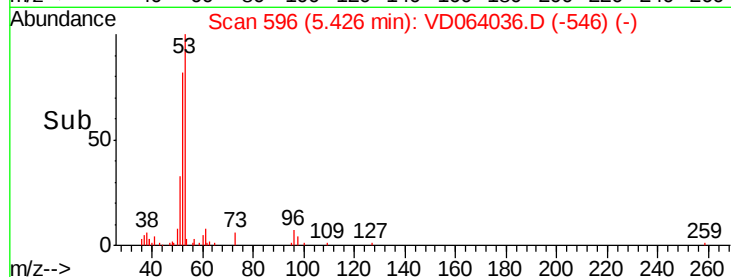
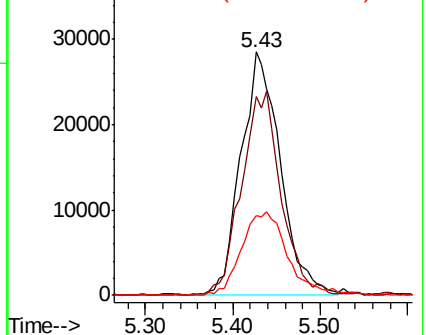
53 100

52 84.0 67.3 100.9

51 40.2 30.5 45.7



Abundance Ion 53.00 (52.70 to 53.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC  
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 217.853 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064036.D

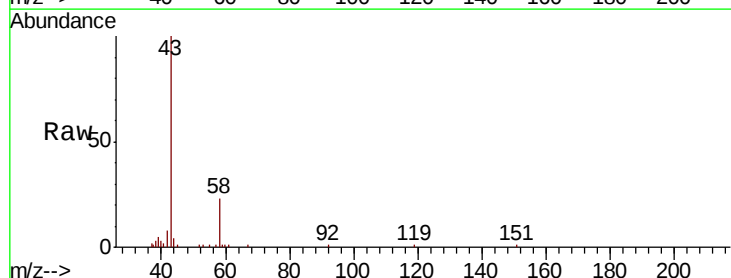
Acq: 23 Oct 2019 22:25

Tgt Ion: 43 Resp: 72673

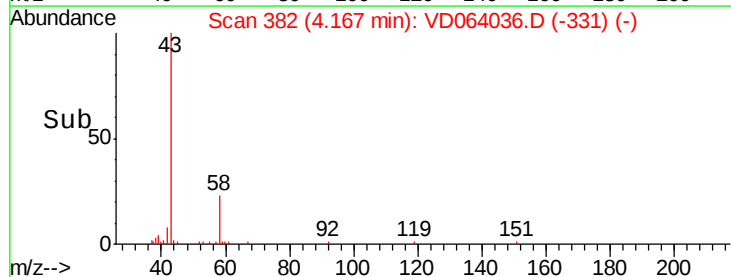
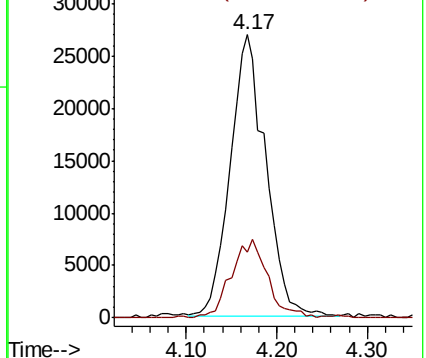
Ion Ratio Lower Upper

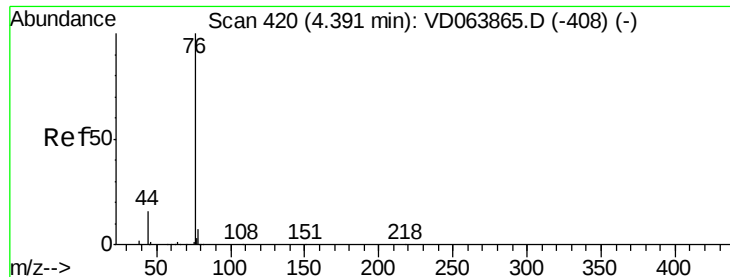
43 100

58 23.5 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC

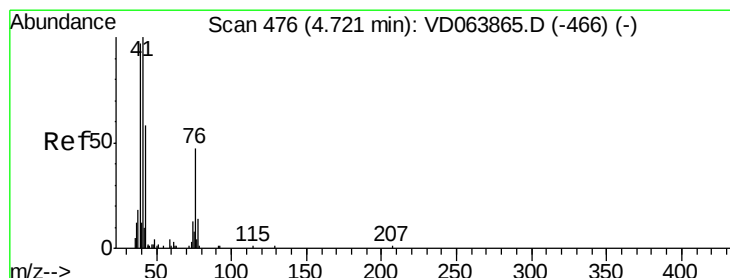
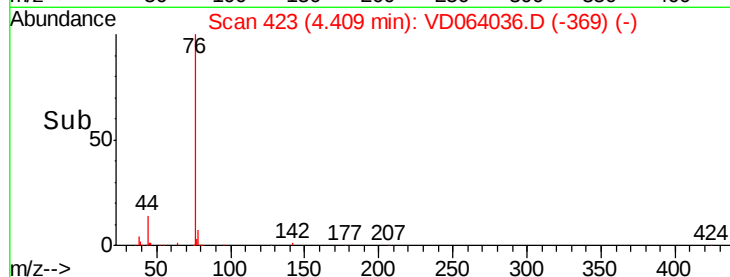
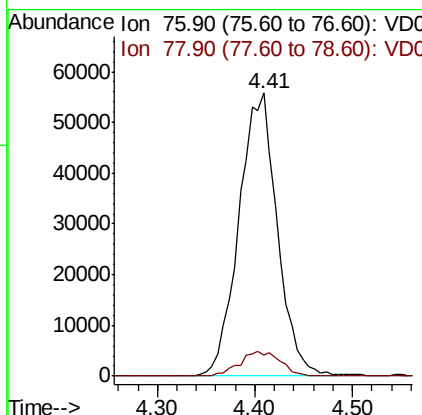
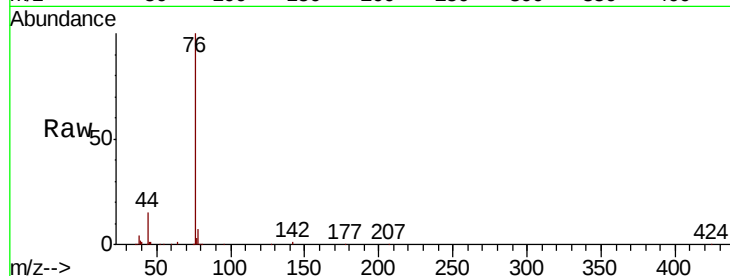




#17  
Carbon Disulfide  
Concen: 38.057 ug/l  
RT: 4.41 min Scan# 423  
Delta R.T. 0.02 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

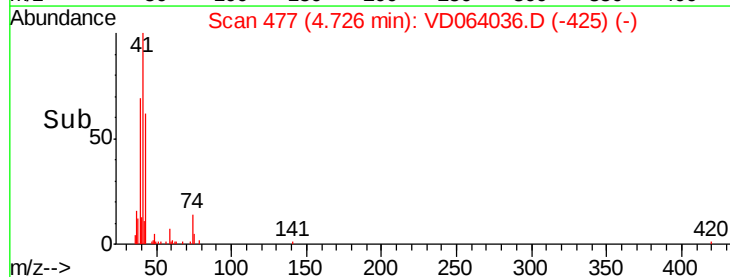
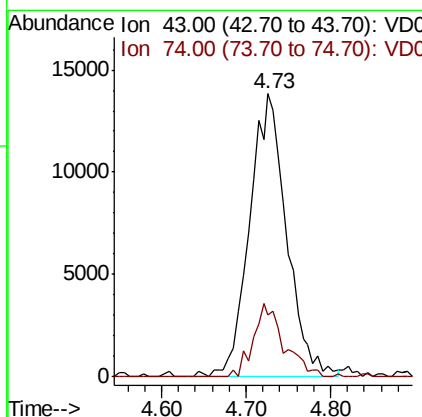
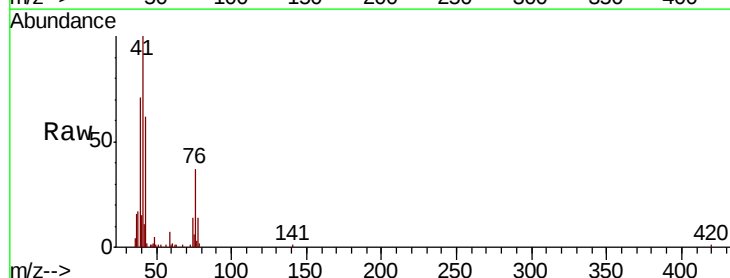
Instrument :  
MSVOA\_D  
ClientSampleId :

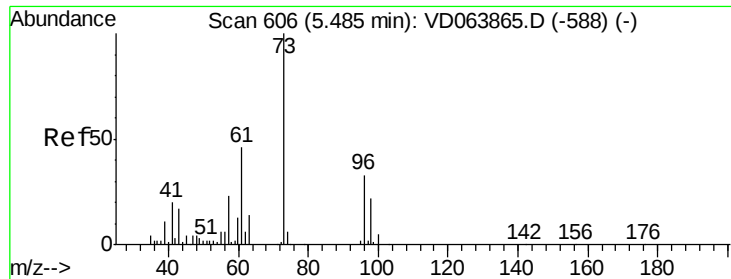
Tot Ion: 76 Resp: 152586  
Ion Ratio Lower Upper  
76 100  
78 7.5 5.8 8.8



#18  
Methyl Acetate  
Concen: 64.709 ug/l  
RT: 4.73 min Scan# 477  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Tgt Ion: 43 Resp: 42220  
Ion Ratio Lower Upper  
43 100  
74 21.5 20.8 31.2



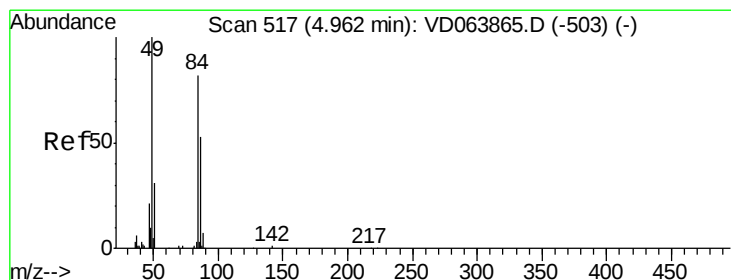
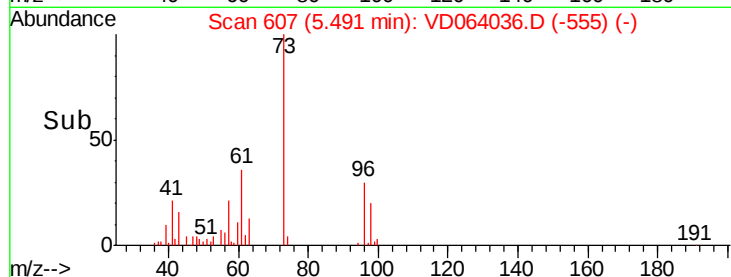
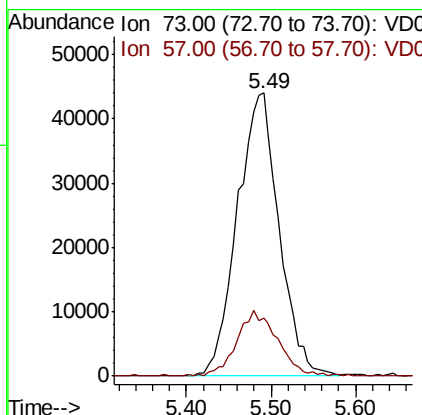
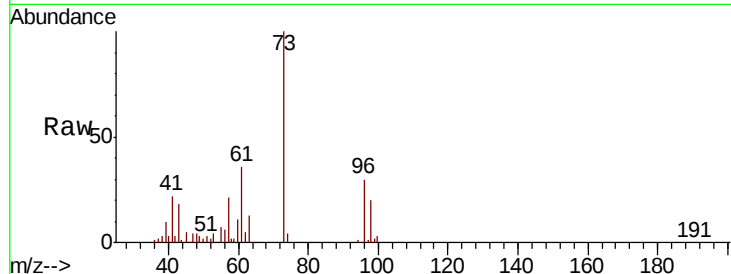


#19

Methyl tert-butyl Ether  
 Concen: 52.998 ug/l  
 RT: 5.49 min Scan# 607  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Instrument :  
 MSVOA\_D  
 ClientSampleID :

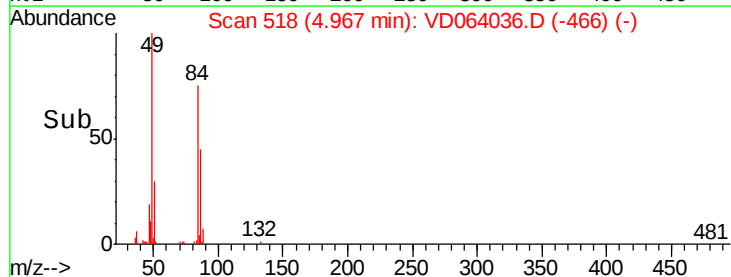
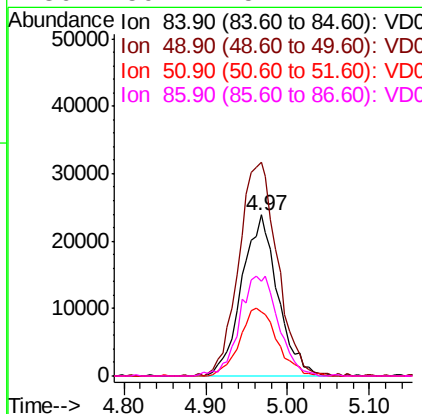
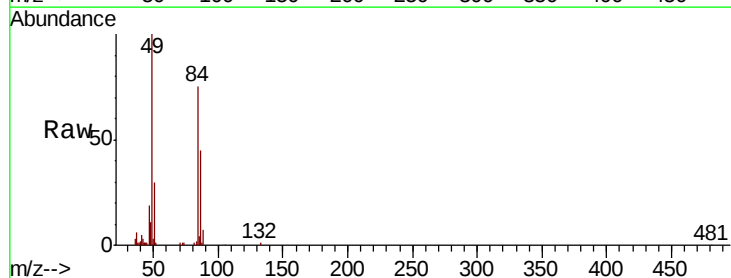
Tot Ion: 73 Resp: 151370  
 Ion Ratio Lower Upper  
 73 100  
 57 20.2 18.1 27.1

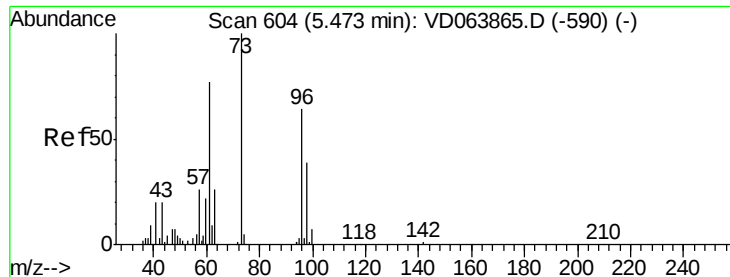


#20

Methylene Chloride  
 Concen: 49.378 ug/l  
 RT: 4.97 min Scan# 518  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Tgt Ion: 84 Resp: 73144  
 Ion Ratio Lower Upper  
 84 100  
 49 132.5 97.3 145.9  
 51 39.9 30.1 45.1  
 86 59.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 47.340 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

ClientSampleId :

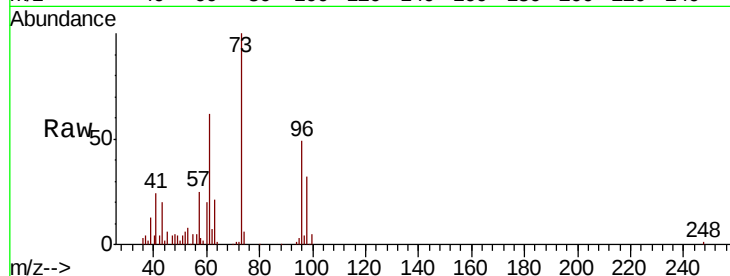
Tot Ion: 96 Resp: 65001

Ion Ratio Lower Upper

96 100

61 125.4 96.6 145.0

98 65.7 48.7 73.1

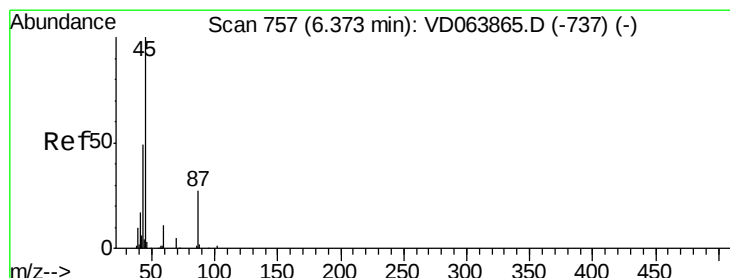
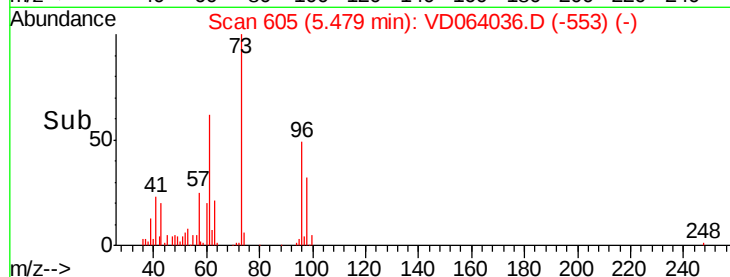
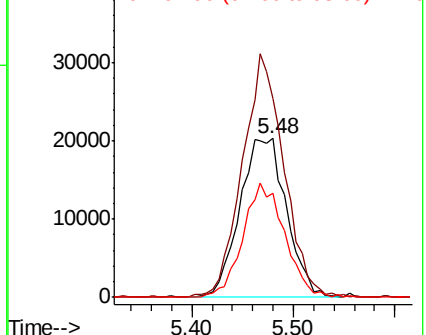


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 57.173 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Tgt Ion: 45 Resp: 214119

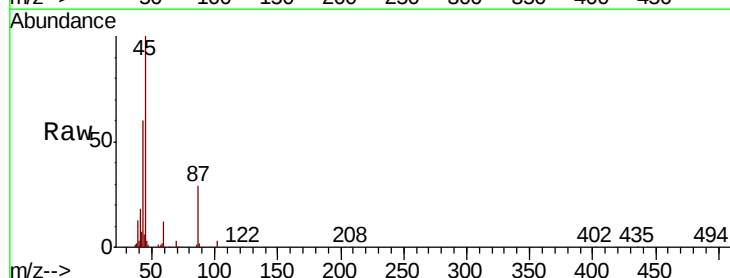
Ion Ratio Lower Upper

45 100

43 59.0 41.2 61.8

87 29.2 22.2 33.4

59 11.6 9.2 13.8



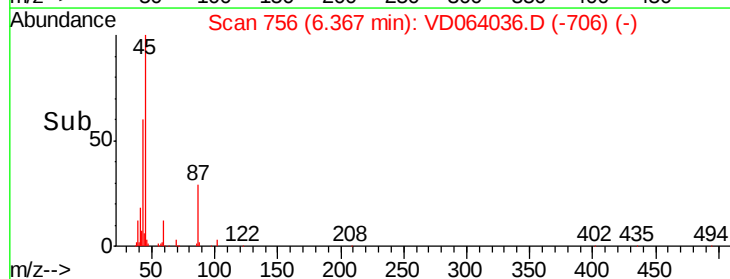
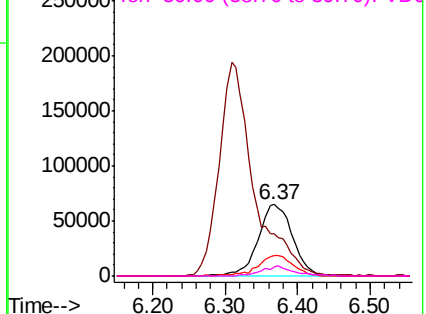
Abundance

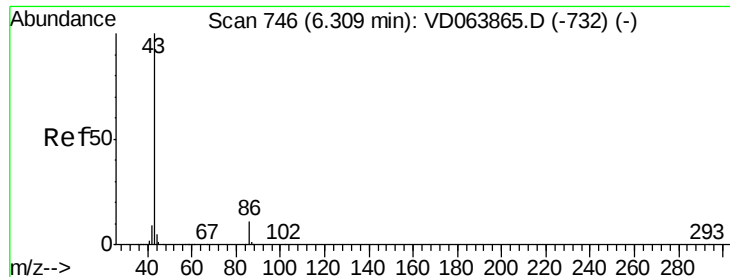
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 290.322 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

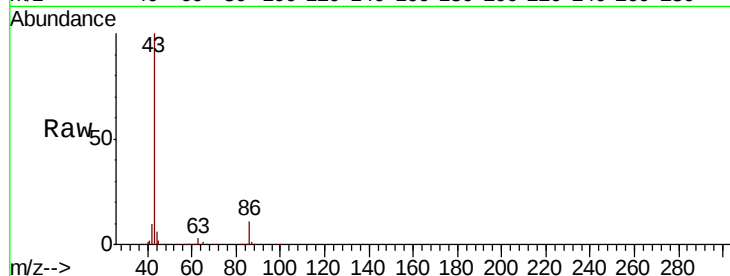
ClientSampled :

Tot Ion: 43 Resp: 646814

Ion Ratio Lower Upper

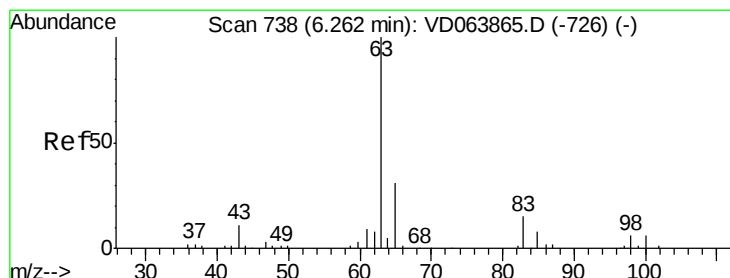
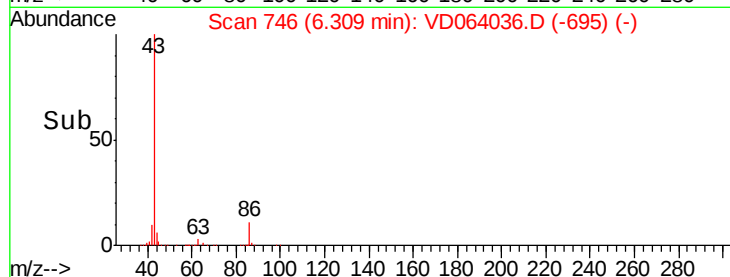
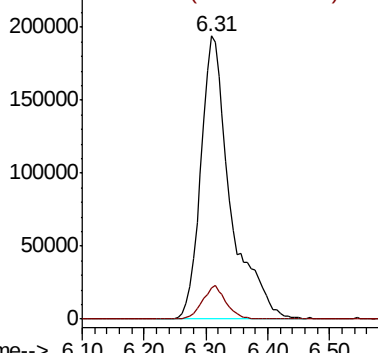
43 100

86 11.0 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 54.115 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

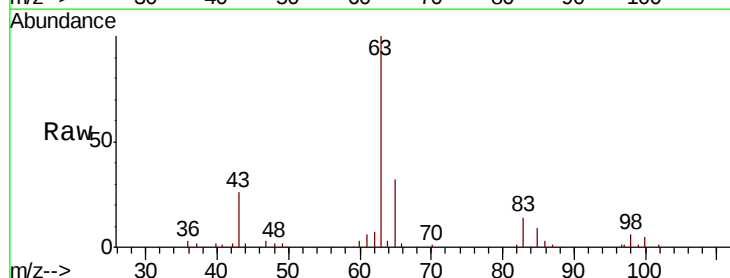
Tgt Ion: 63 Resp: 124835

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

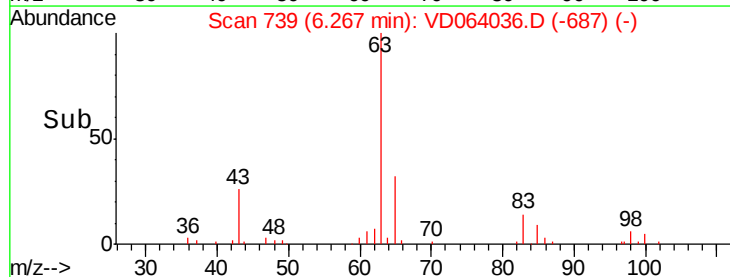
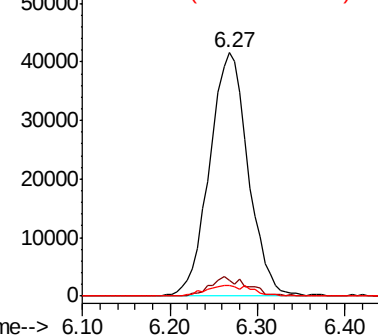
100 4.6 3.0 9.2

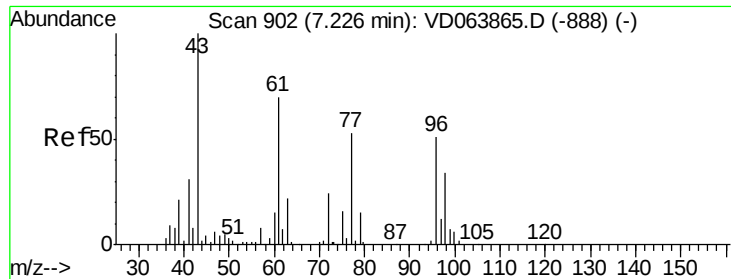


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 285.897 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

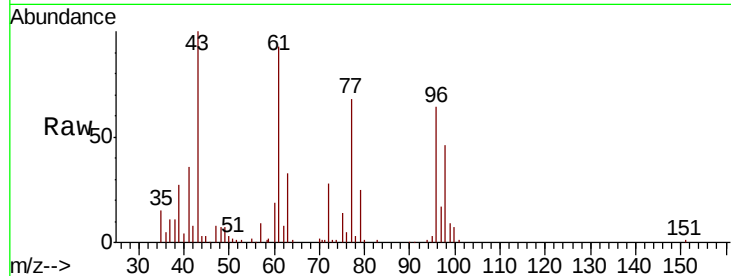
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 113026

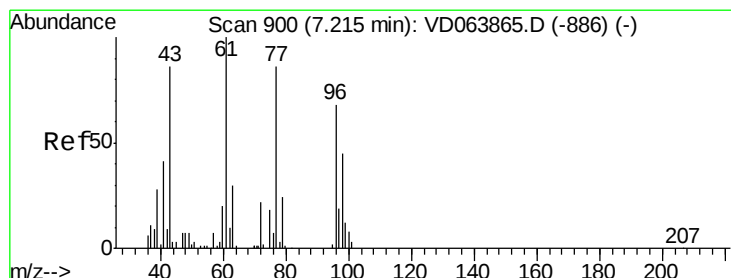
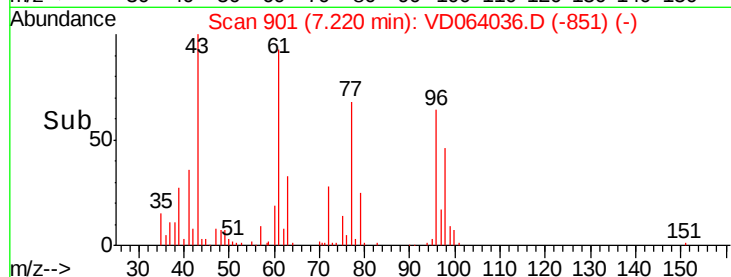
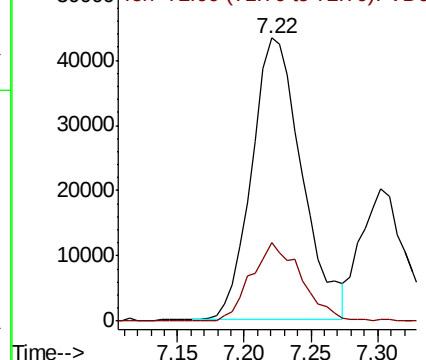
Ion Ratio Lower Upper

43 100

72 27.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 44.741 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD064036.D

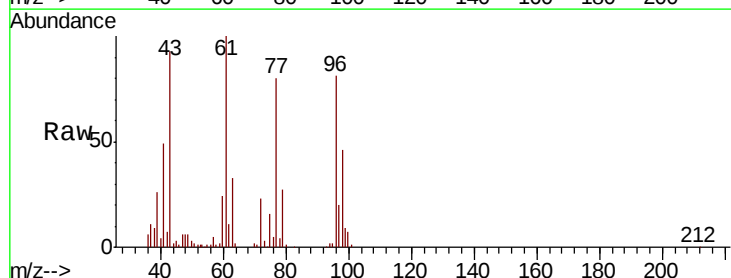
Acq: 23 Oct 2019 22:25

Tgt Ion: 77 Resp: 93364

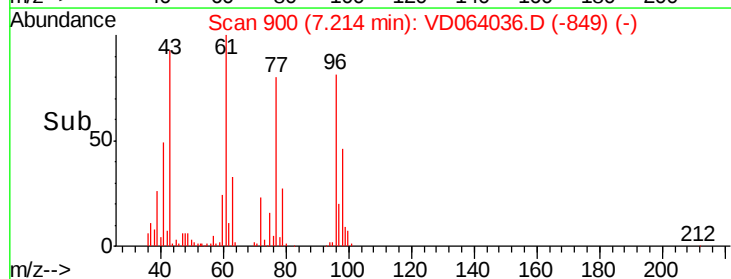
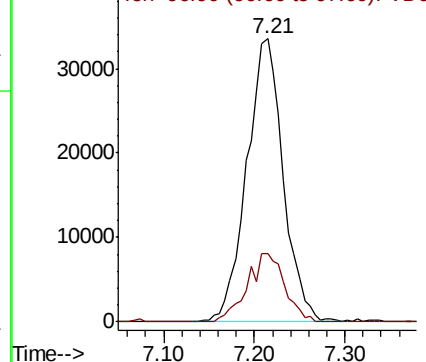
Ion Ratio Lower Upper

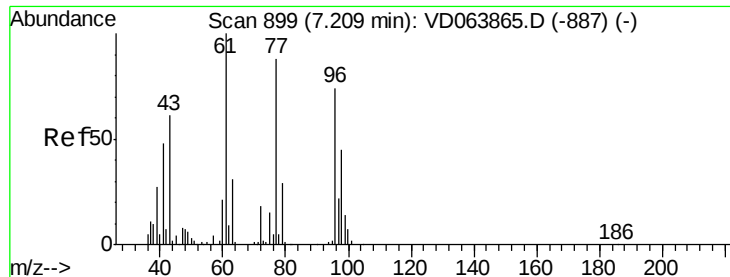
77 100

97 24.8 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VDC  
Ion 96.90 (96.60 to 97.60): VDC



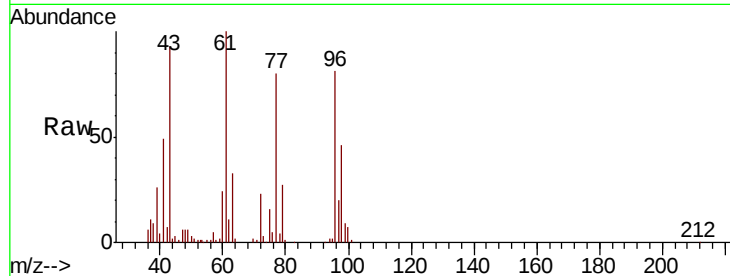


#27

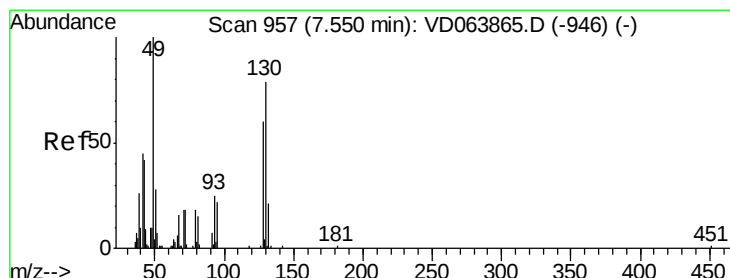
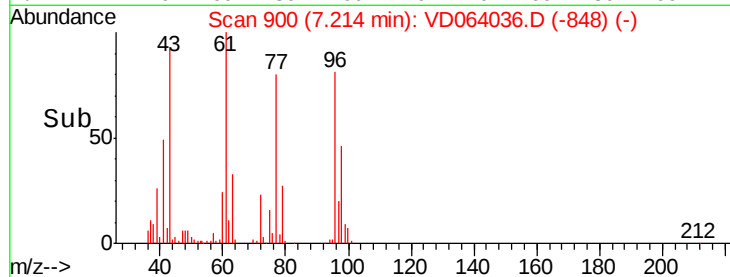
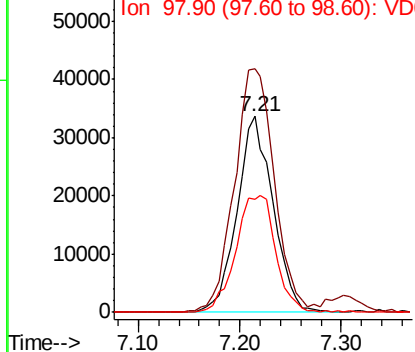
cis-1,2-Dichloroethene  
Concen: 53.202 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 96 Resp: 82683  
Ion Ratio Lower Upper  
96 100  
61 138.8 0.0 280.0  
98 66.1 0.0 130.4



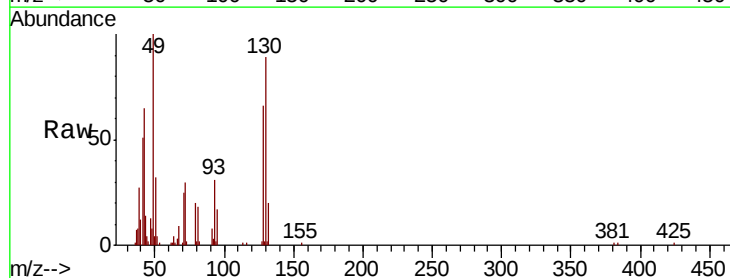
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC



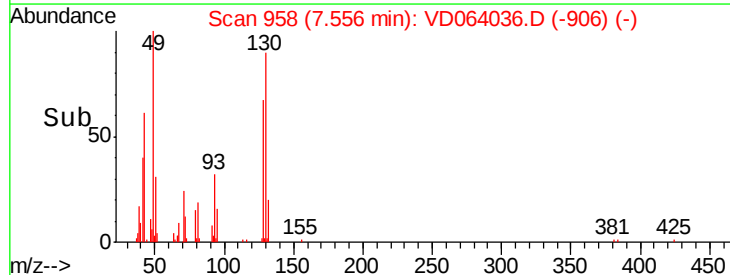
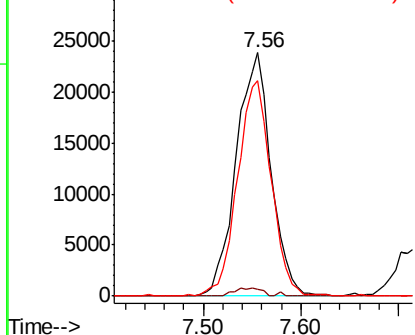
#28

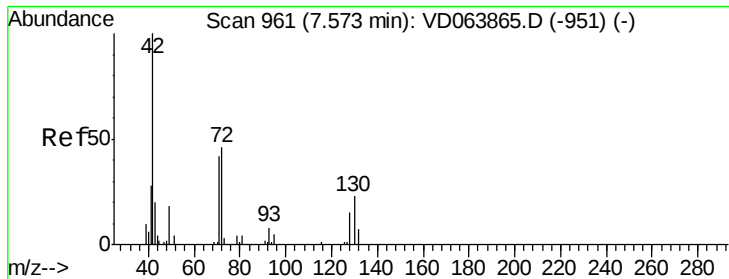
Bromochloromethane  
Concen: 67.177 ug/l  
RT: 7.56 min Scan# 958  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Tgt Ion: 49 Resp: 59500  
Ion Ratio Lower Upper  
49 100  
129 2.6 0.0 5.6  
130 85.6 66.8 100.2



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

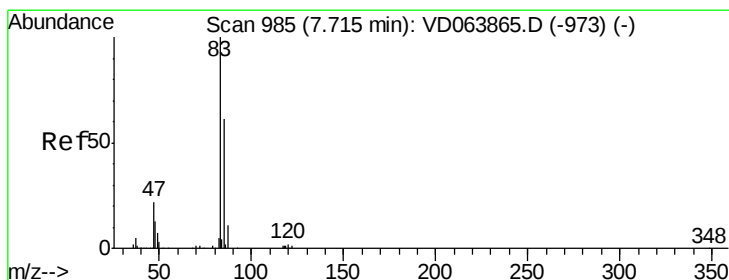
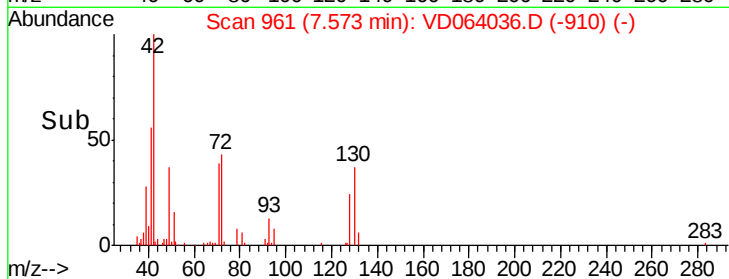
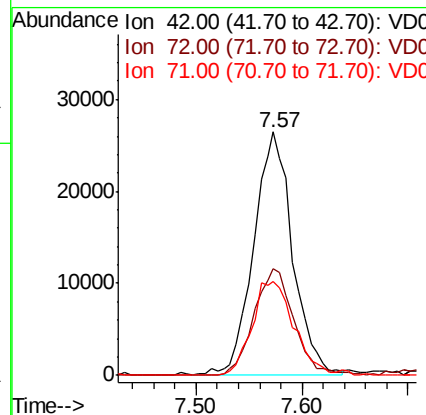
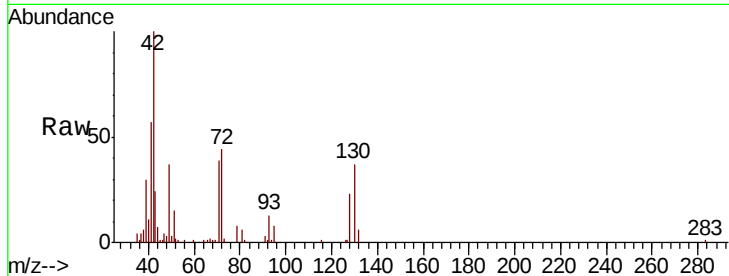




#29  
Tetrahydrofuran  
Concen: 293.879 ug/l  
RT: 7.57 min Scan# 961  
Delta R.T. -0.00 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

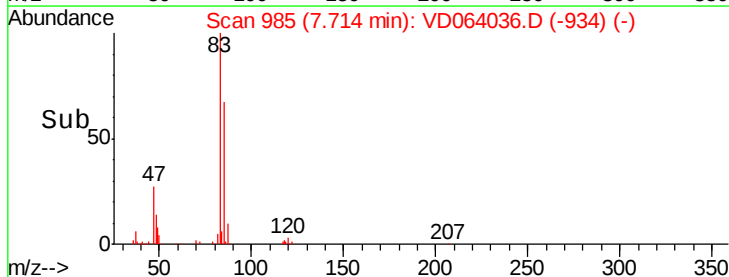
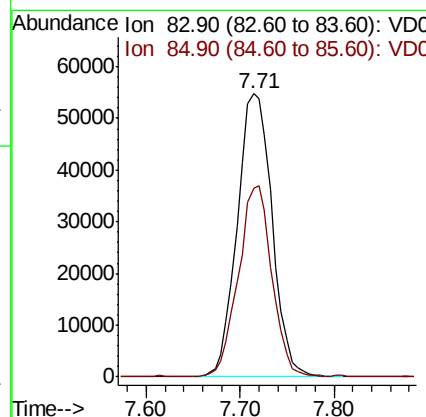
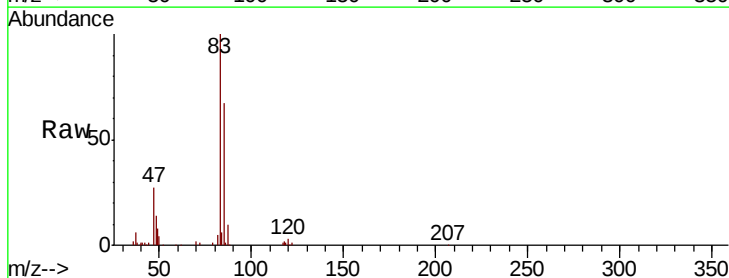
Instrument :  
MSVOA\_D  
ClientSampleId :

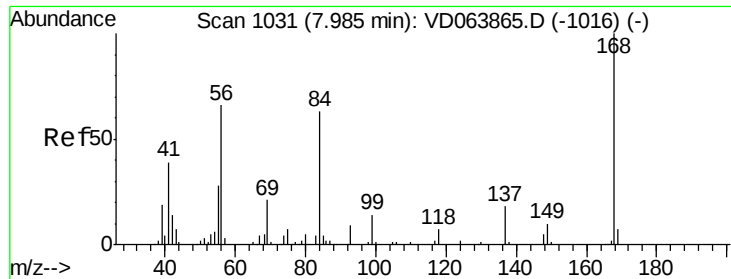
Tot Ion: 42 Resp: 67813  
Ion Ratio Lower Upper  
42 100  
72 44.9 37.6 56.4  
71 41.6 35.0 52.6



#30  
Chloroform  
Concen: 56.221 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. -0.00 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Tgt Ion: 83 Resp: 140862  
Ion Ratio Lower Upper  
83 100  
85 66.7 48.9 73.3

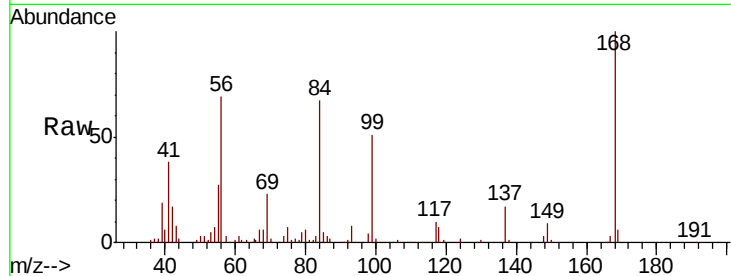




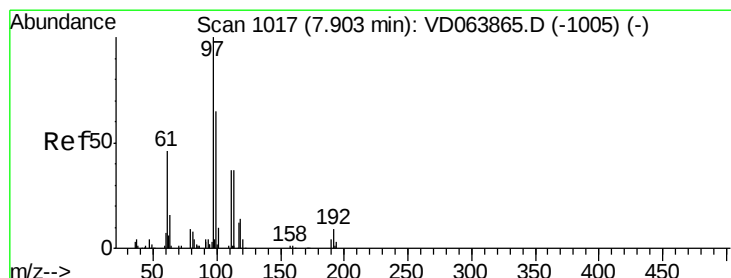
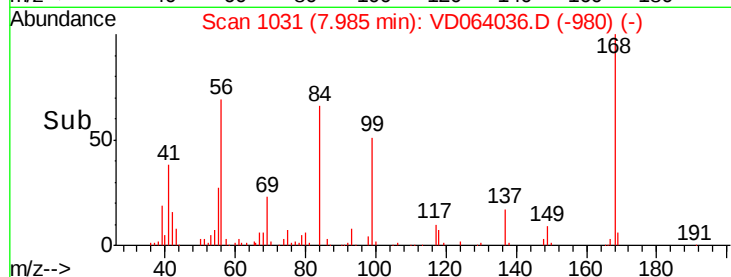
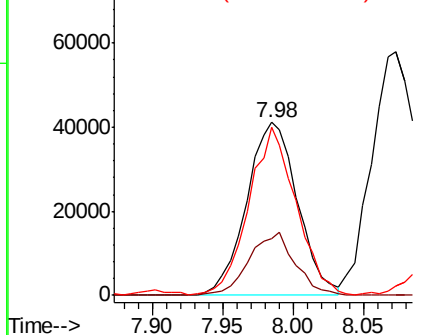
#31  
Cyclohexane  
Concen: 54.912 ug/l  
RT: 7.98 min Scan# 1031  
Delta R.T. -0.00 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Instrument :  
MSVOA\_D  
ClientSampled :

| Tot Ion   | 56    | Resp  | 103982 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 33.2  | 25.0  | 37.4   |
| 84        | 97.1  | 76.3  | 114.5  |

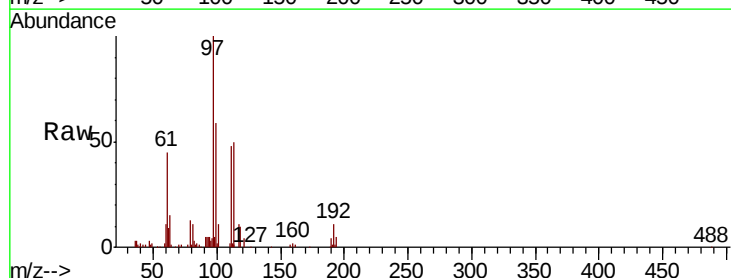


Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC

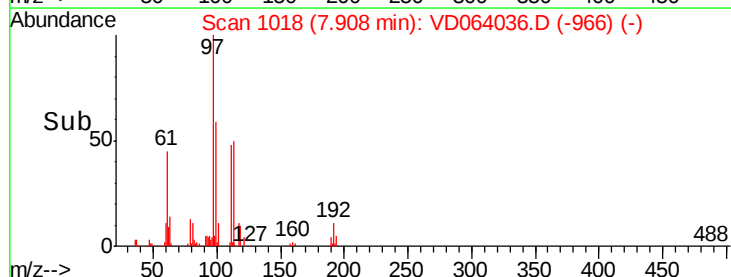
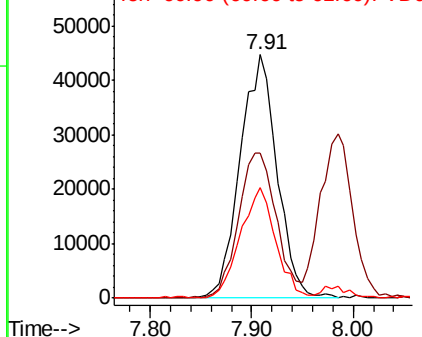


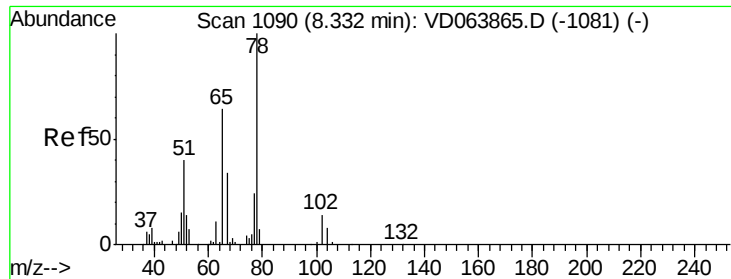
#32  
1,1,1-Trichloroethane  
Concen: 52.465 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

| Tgt Ion   | 97    | Resp  | 112759 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 61.8  | 52.4  | 78.6   |
| 61        | 43.5  | 33.8  | 50.8   |



Abundance Ion 96.90 (96.60 to 97.60): VDC  
Ion 98.90 (98.60 to 99.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC

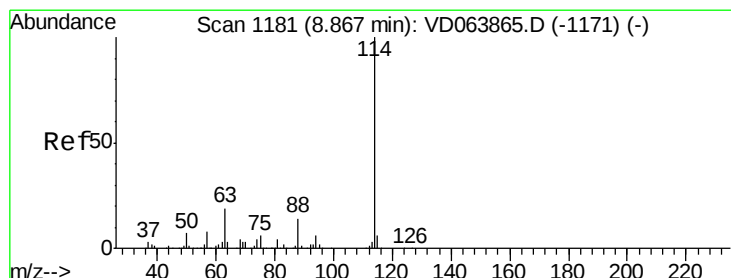
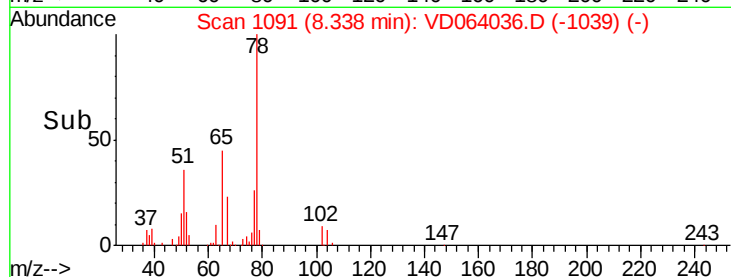
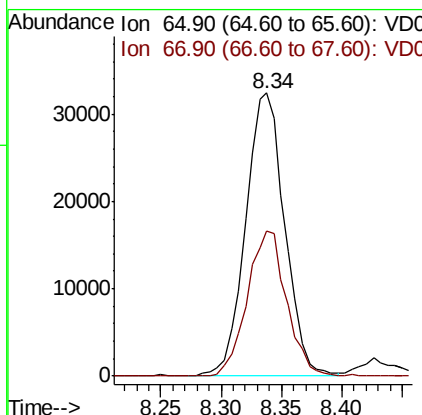
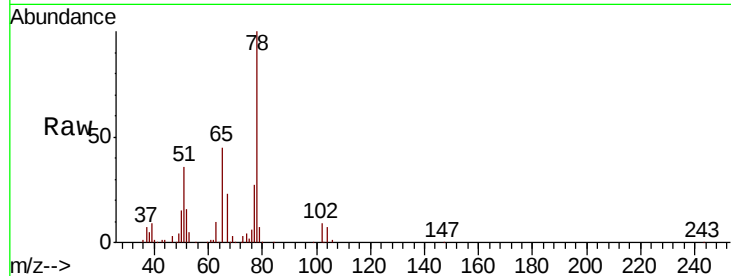




#33  
 1,2-Dichloroethane-d4  
 Concen: 57.004 ug/l  
 RT: 8.34 min Scan# 1091  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

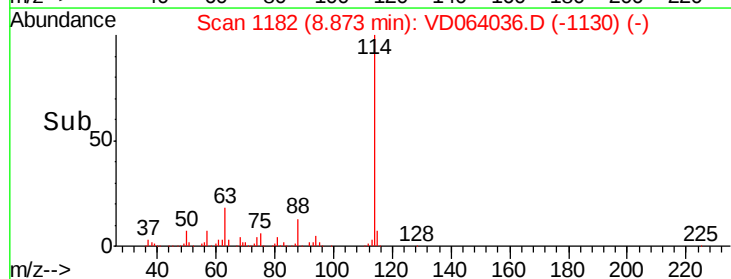
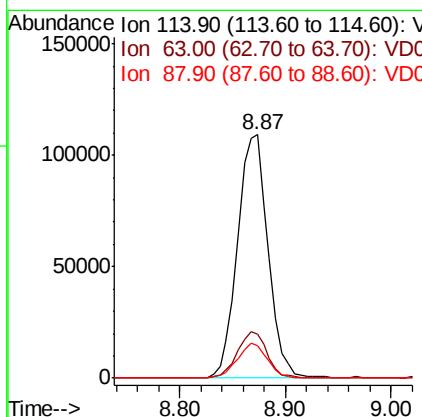
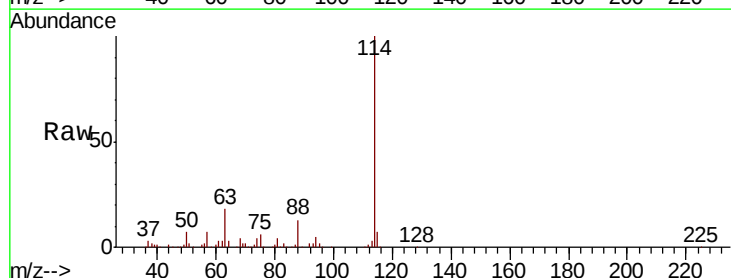
Instrument :  
 MSVOA\_D  
 ClientSampleId :

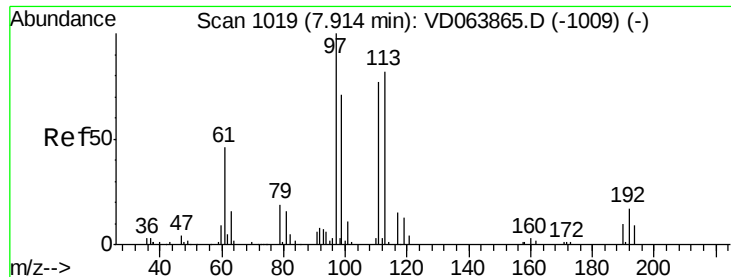
Tot Ion: 65 Resp: 73038  
 Ion Ratio Lower Upper  
 65 100  
 67 51.3 0.0 106.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1182  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Tgt Ion: 114 Resp: 218288  
 Ion Ratio Lower Upper  
 114 100  
 63 17.9 0.0 38.4  
 88 13.2 0.0 27.4

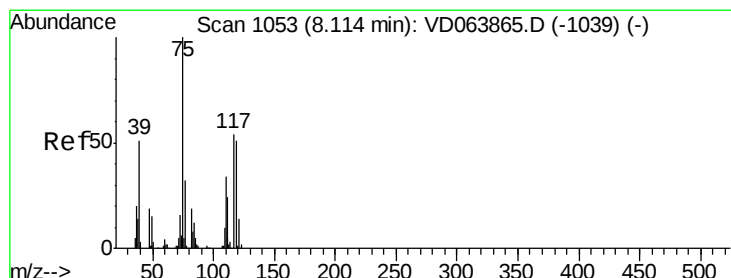
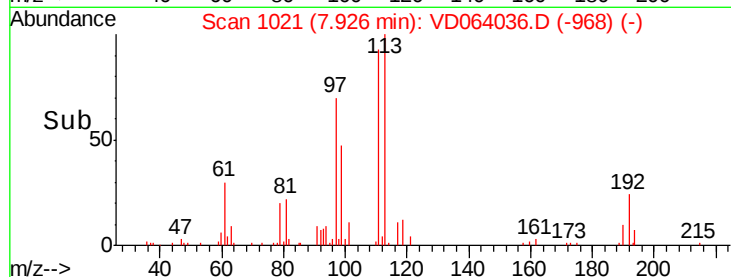
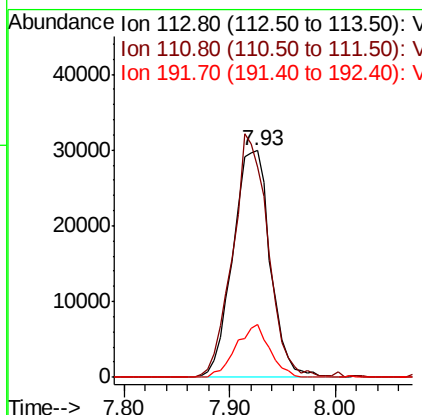
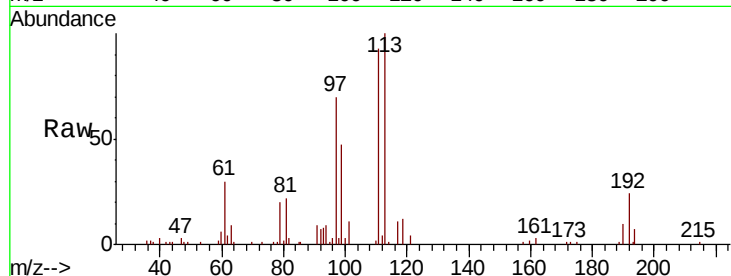




#35  
 Dibromofluoromethane  
 Concen: 55.027 ug/l  
 RT: 7.93 min Scan# 1021  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

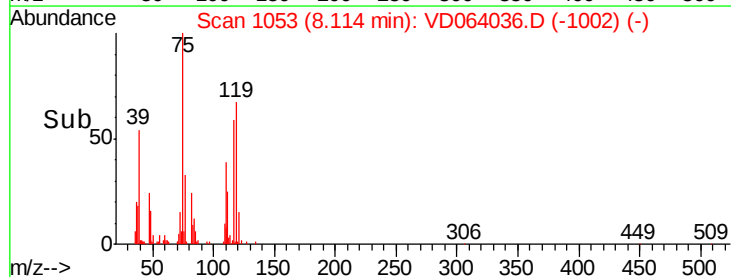
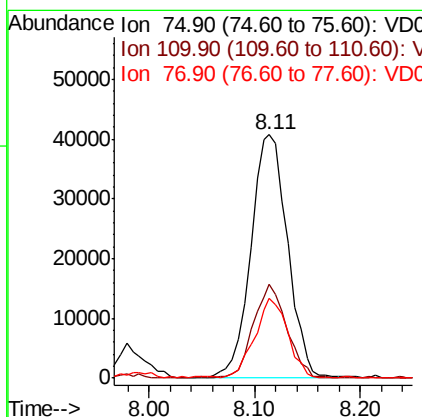
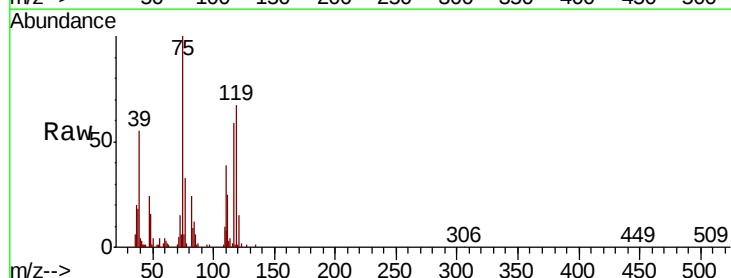
Instrument :  
 MSVOA\_D  
 ClientSampleId :

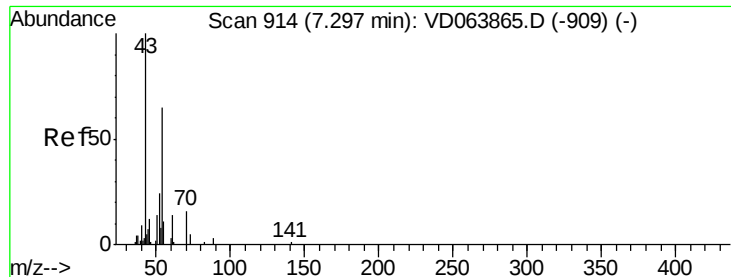
Tot Ion:113 Resp: 73408  
 Ion Ratio Lower Upper  
 113 100  
 111 101.6 82.6 123.8  
 192 20.8 17.1 25.7



#36  
 1,1-Dichloropropene  
 Concen: 49.358 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Tgt Ion: 75 Resp: 98512  
 Ion Ratio Lower Upper  
 75 100  
 110 35.1 17.4 52.3  
 77 29.5 25.4 38.0

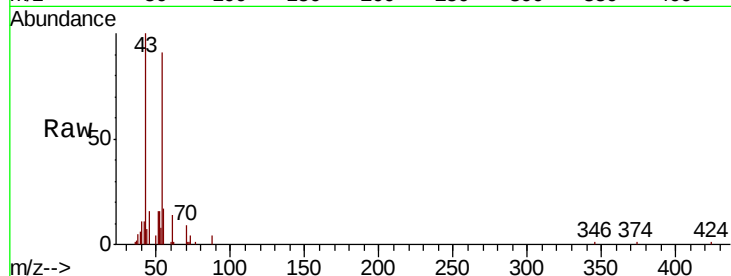




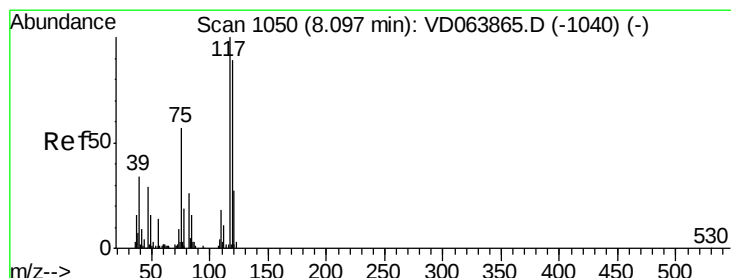
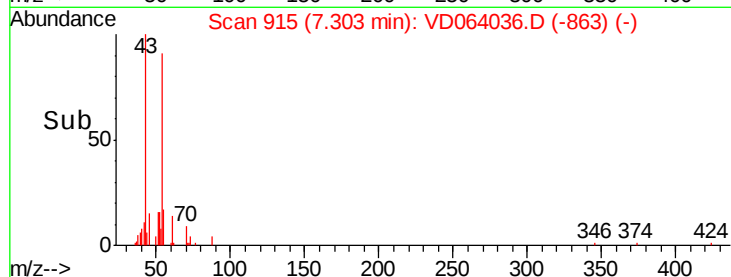
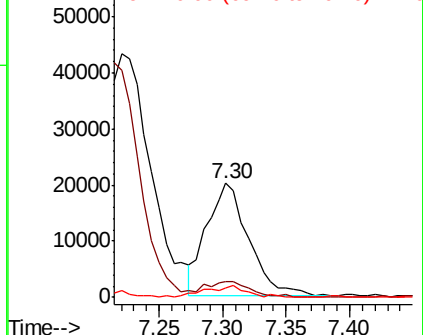
#37  
Ethyl Acetate  
Concen: 58.311 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 46136  
Ion Ratio Lower Upper  
43 100  
61 14.6 11.5 17.3  
70 9.5 8.2 12.4

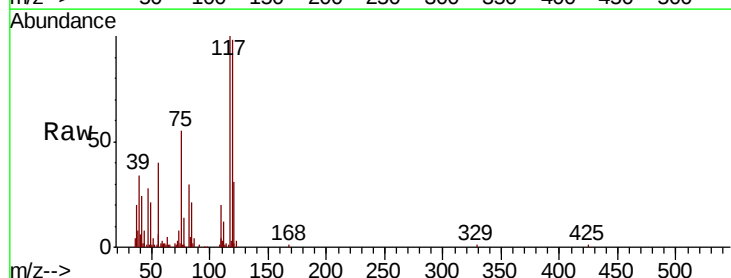


Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 60.90 (60.60 to 61.60): VDC  
Ion 70.00 (69.70 to 70.70): VDC

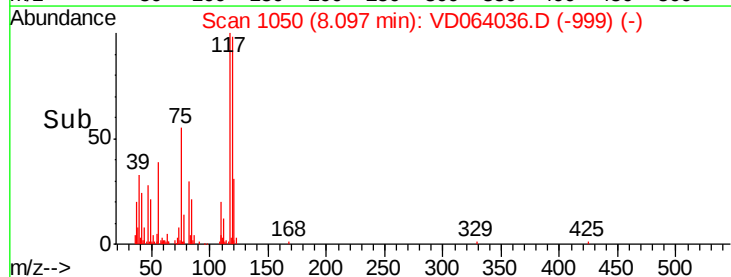
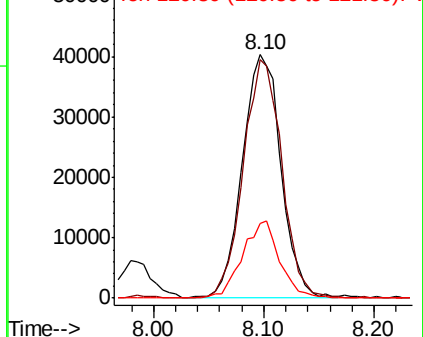


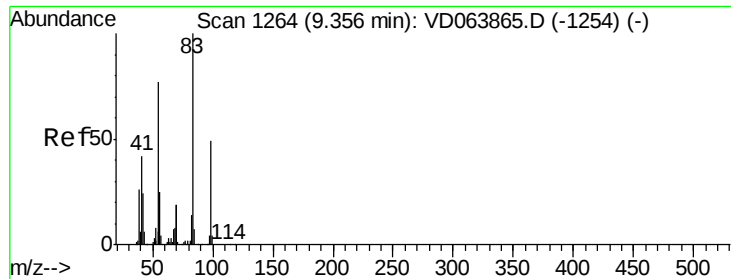
#38  
Carbon Tetrachloride  
Concen: 49.247 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.00 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Tgt Ion: 117 Resp: 99327  
Ion Ratio Lower Upper  
117 100  
119 98.2 70.8 106.2  
121 30.5 21.4 32.0



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

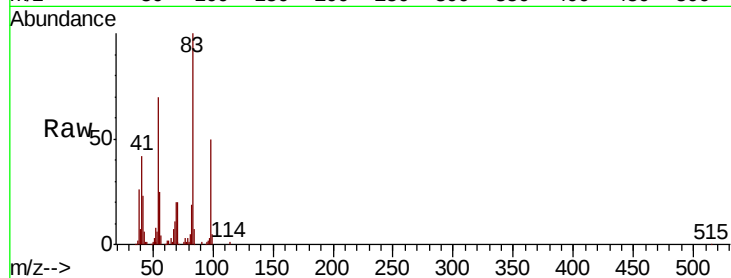




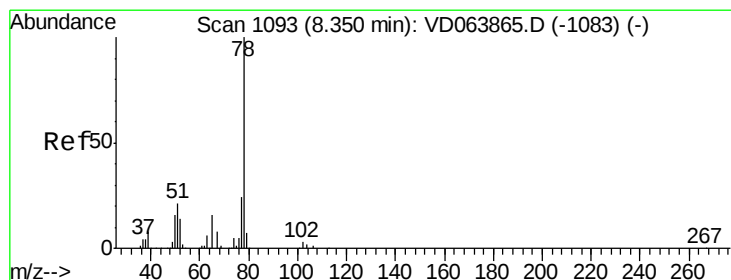
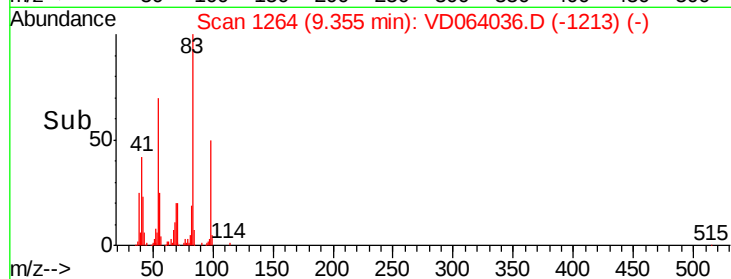
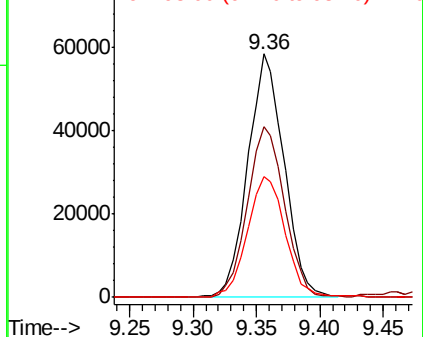
#39  
Methvlcvclohexane  
Concen: 47.400 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.00 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Instrument :  
MSVOA\_D  
ClientSampleId :

| Tot Ion   | 83.00 | Resp  | 116320 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 70.1  | 61.3  | 91.9   |
| 98        | 49.5  | 39.3  | 58.9   |

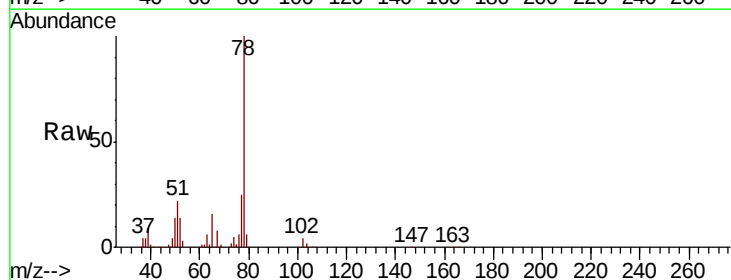


Abundance Ion 83.00 (82.70 to 83.70): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.00 (97.70 to 98.70): VDC

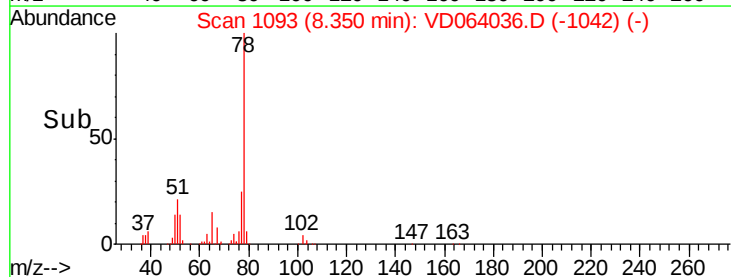
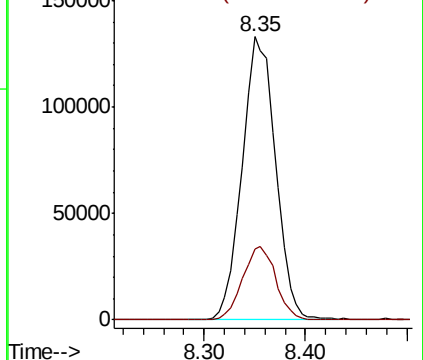


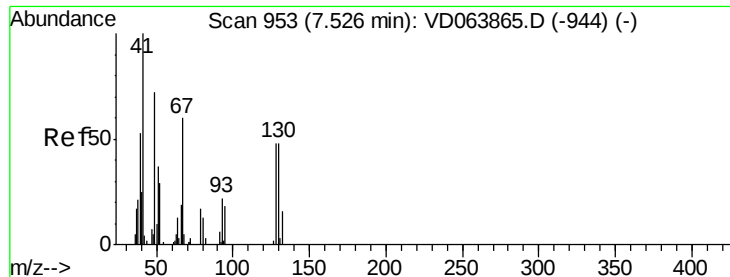
#40  
Benzene  
Concen: 53.282 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.00 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

| Tgt Ion   | 78.00 | Resp  | 304749 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 24.9  | 19.0  | 28.6   |



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

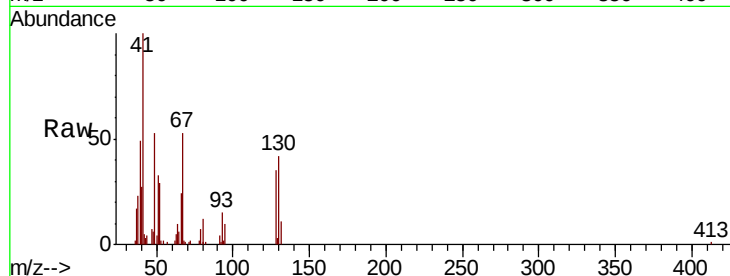




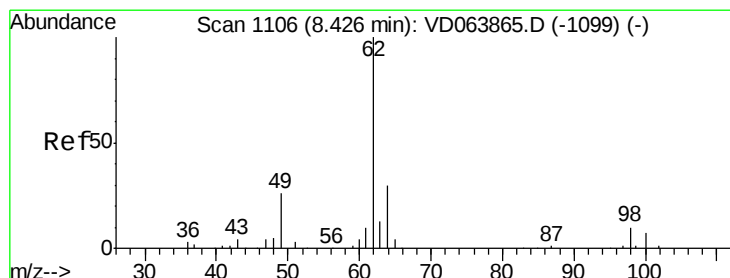
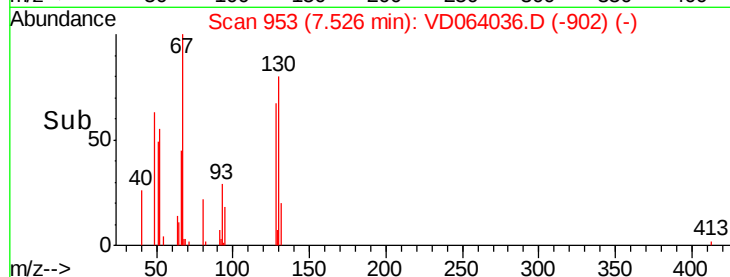
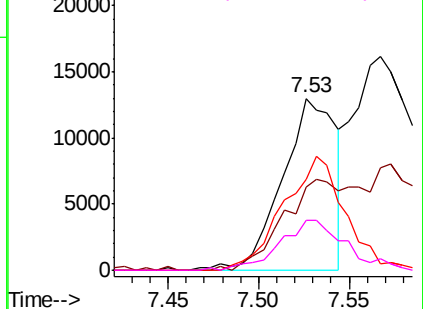
#41  
Methacrylonitrile  
Concen: 58.094 ug/l  
RT: 7.53 min Scan# 953  
Delta R.T. -0.00 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 41 Resp: 26882  
Ion Ratio Lower Upper  
41 100  
39 62.6 52.6 78.8  
67 75.6 74.2 111.2  
52 35.8 34.0 51.0

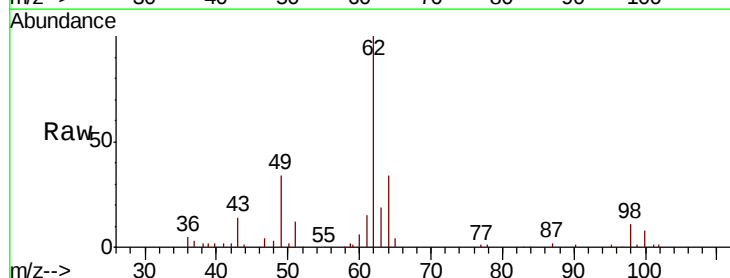


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

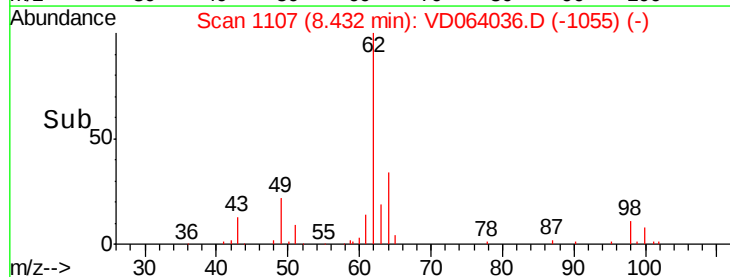
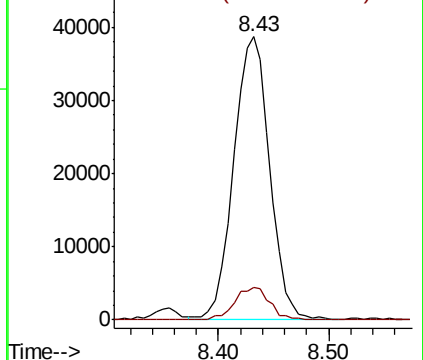


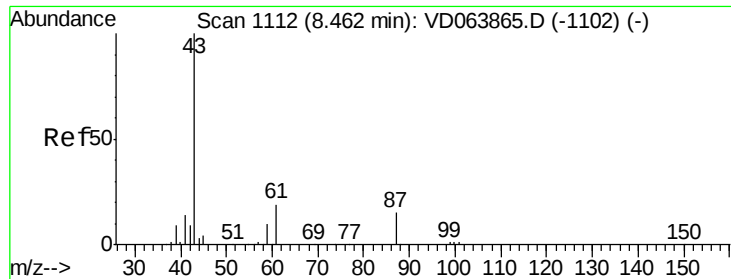
#42  
1,2-Dichloroethane  
Concen: 53.401 ug/l  
RT: 8.43 min Scan# 1107  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Tgt Ion: 62 Resp: 88350  
Ion Ratio Lower Upper  
62 100  
98 11.2 0.0 20.0



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





#43

Isopropyl Acetate

Concen: 53.440 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

ClientSampleId :

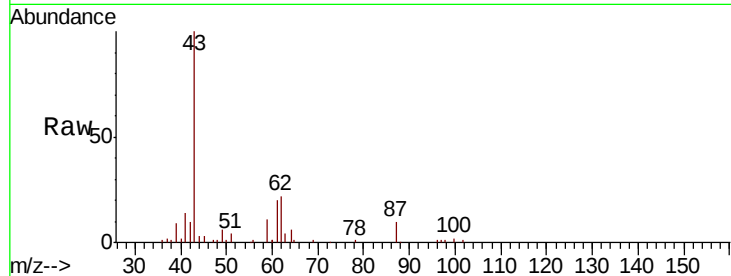
Tot Ion: 43 Resp: 89448

Ion Ratio Lower Upper

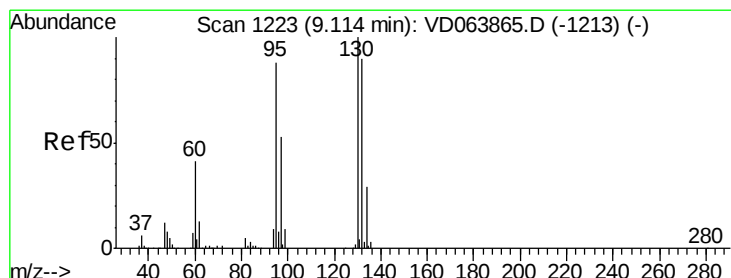
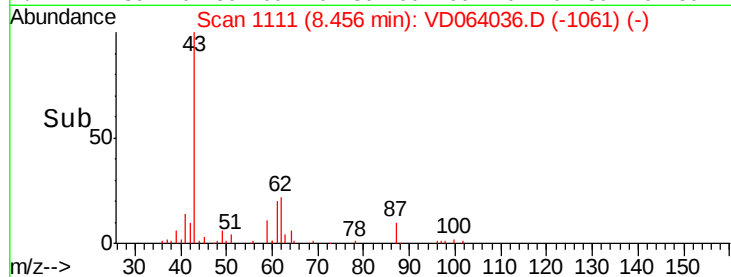
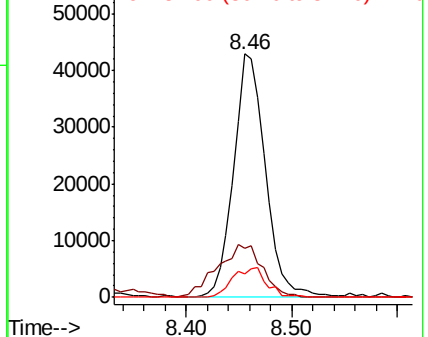
43 100

61 30.7 25.7 38.5

87 13.1 11.6 17.4



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



#44

Trichloroethene

Concen: 49.989 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD064036.D

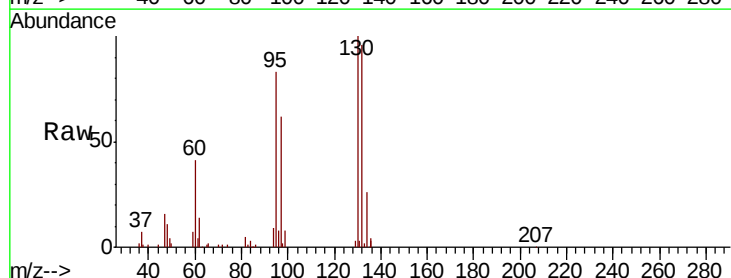
Acq: 23 Oct 2019 22:25

Tgt Ion:130 Resp: 82446

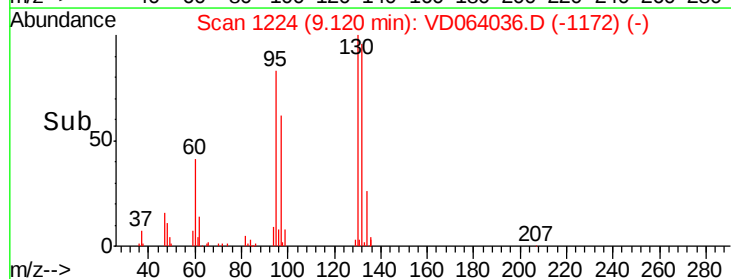
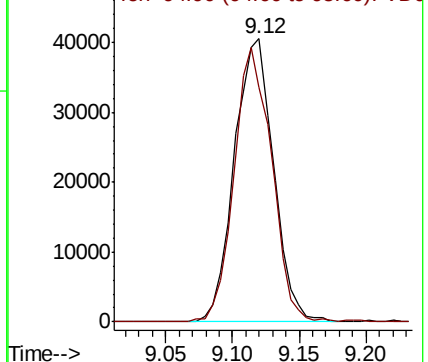
Ion Ratio Lower Upper

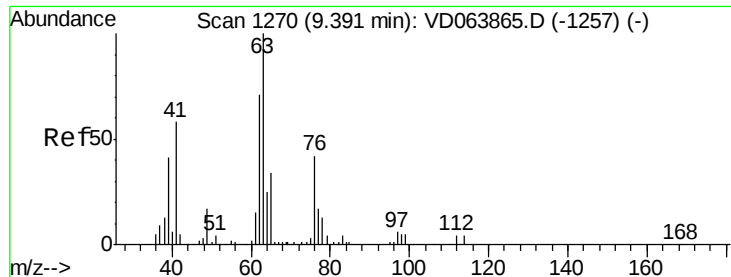
130 100

95 83.1 0.0 175.6



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

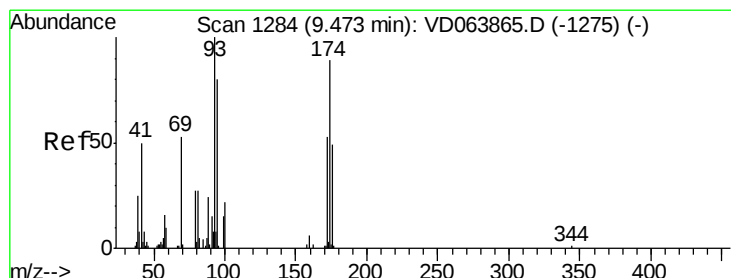
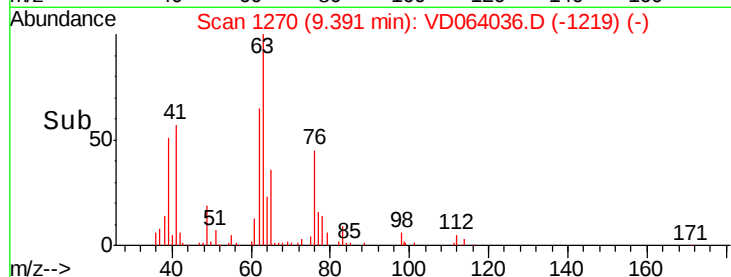
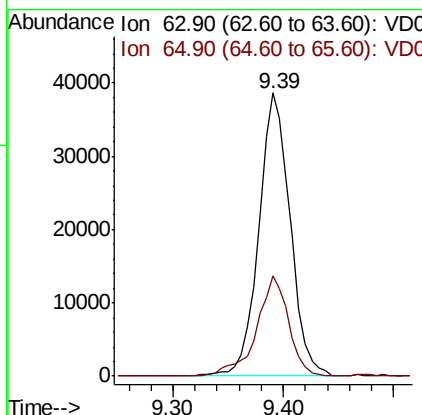
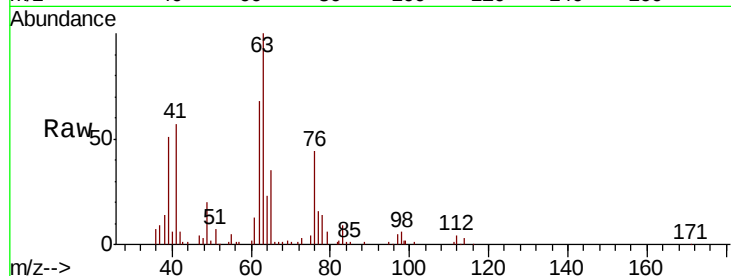




#45  
 1,2-Dichloropropane  
 Concen: 54.869 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

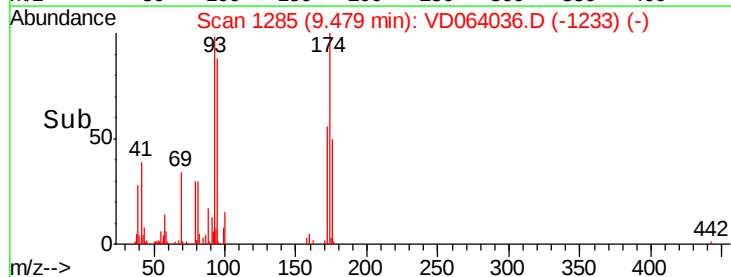
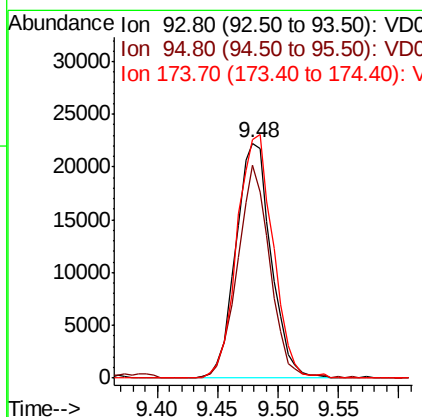
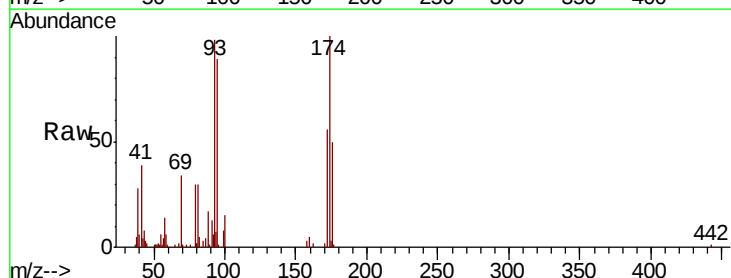
Instrument :  
 MSVOA\_D  
 ClientSampleId :

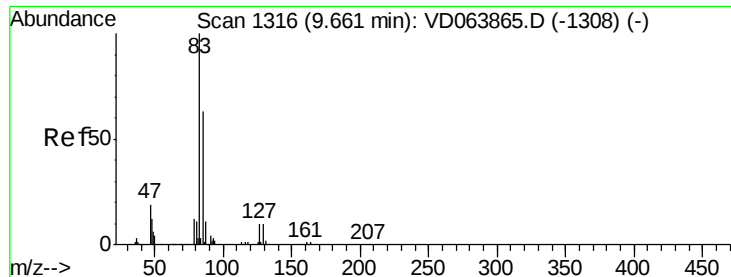
Tot Ion: 63 Resp: 76814  
 Ion Ratio Lower Upper  
 63 100  
 65 35.5 27.3 40.9



#46  
 Dibromomethane  
 Concen: 57.021 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Tgt Ion: 93 Resp: 45462  
 Ion Ratio Lower Upper  
 93 100  
 95 83.0 66.0 99.0  
 174 105.6 83.4 125.0





#47

Bromodichloromethane

Concen: 54.224 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

ClientSampleId :

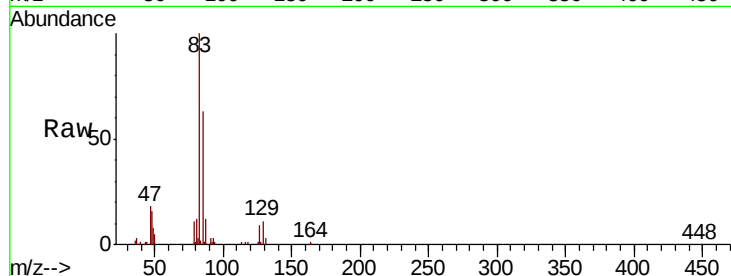
Tot Ion: 83 Resp: 111307

Ion Ratio Lower Upper

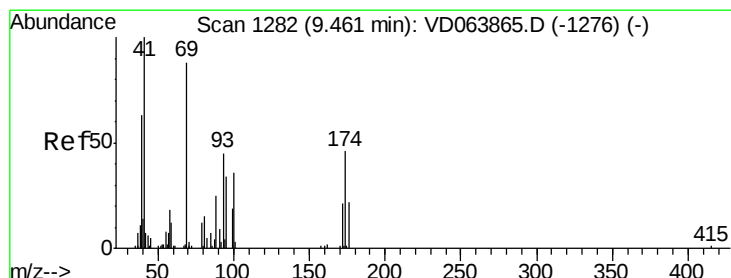
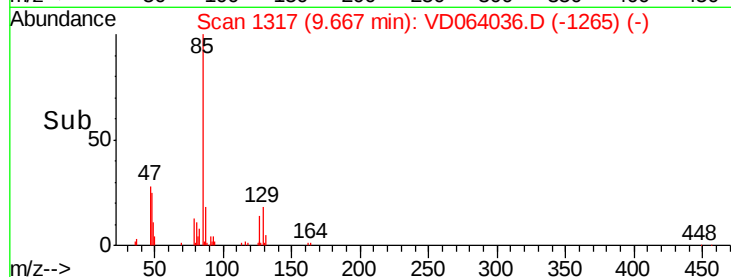
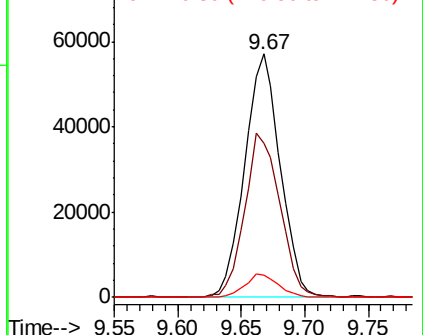
83 100

85 63.3 50.2 75.2

127 9.0 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 84.90 (84.60 to 85.60): VDC  
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 50.448 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

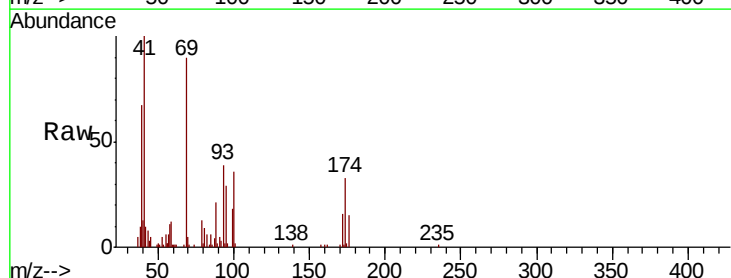
Tgt Ion: 41 Resp: 40458

Ion Ratio Lower Upper

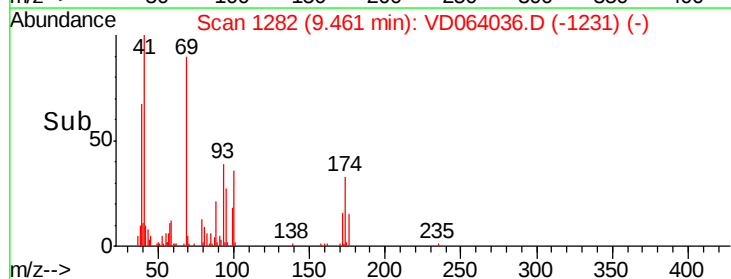
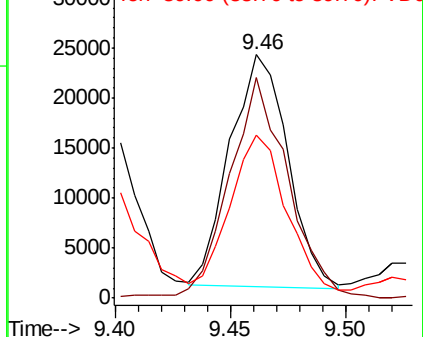
41 100

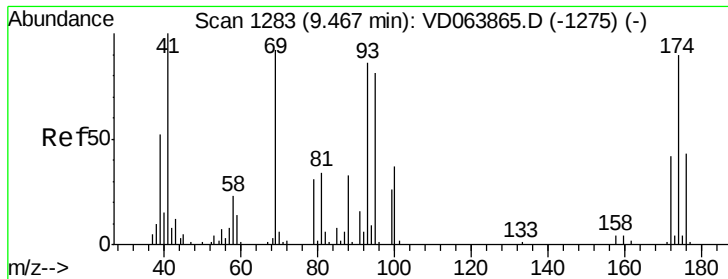
69 96.4 75.1 112.7

39 71.8 50.2 75.2



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





#49

1,4-Dioxane

Concen: 1181.578 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :  
MSVOA\_D  
ClientSampled :

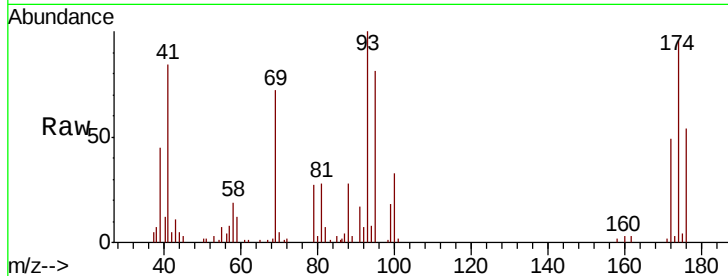
Tot Ion: 88 Resp: 12859

Ion Ratio Lower Upper

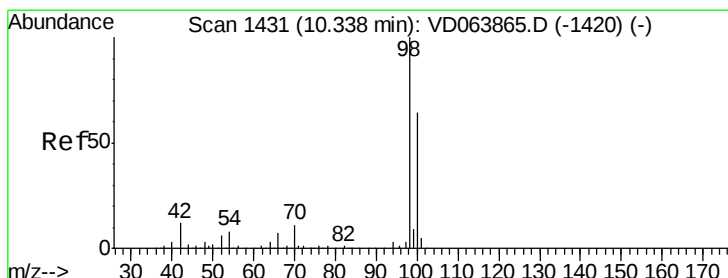
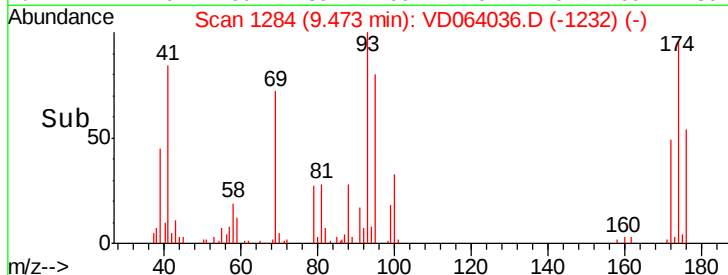
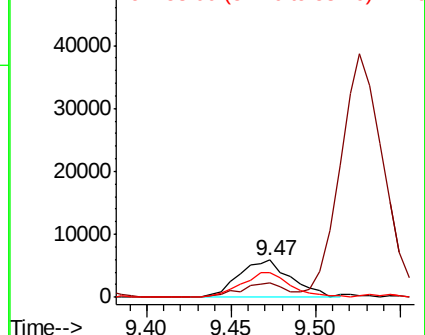
88 100

43 31.6 27.6 41.4

58 62.4 54.1 81.1



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



#50

Toluene-d8

Concen: 55.985 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064036.D

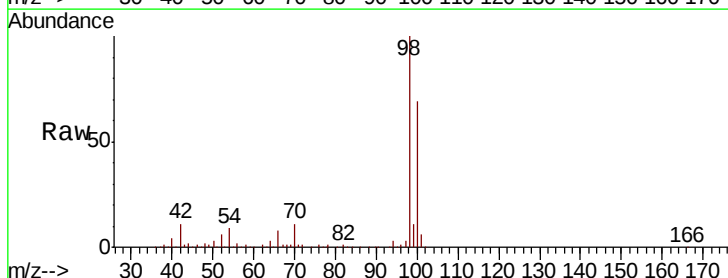
Acq: 23 Oct 2019 22:25

Tgt Ion: 98 Resp: 303134

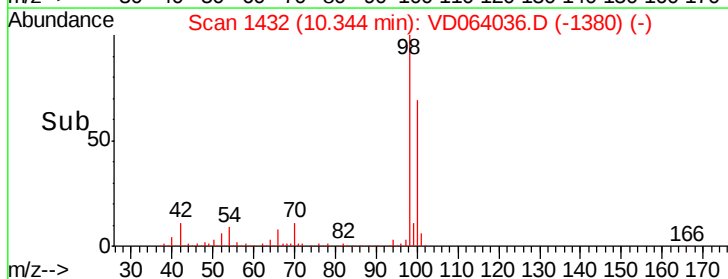
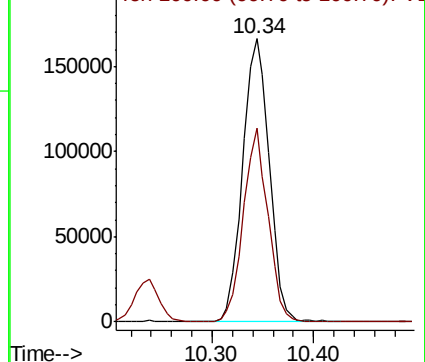
Ion Ratio Lower Upper

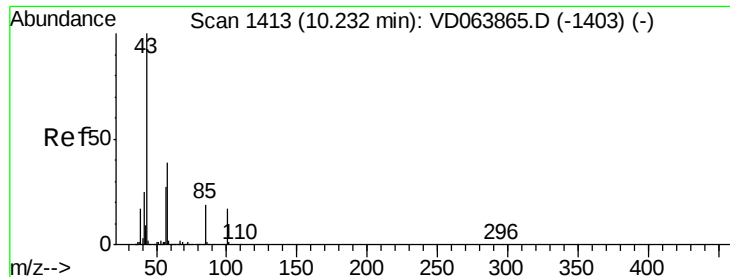
98 100

100 63.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC  
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 290.982 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

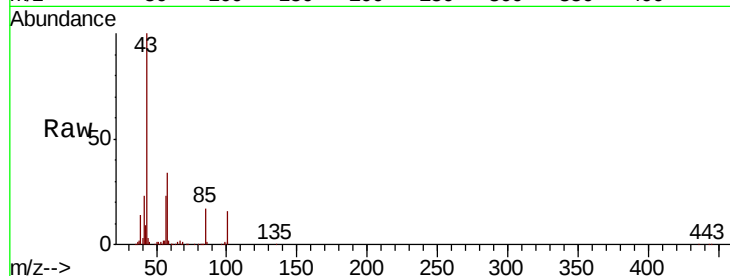
ClientSampleId :

Tot Ion: 43 Resp: 252593

Ion Ratio Lower Upper

43 100

58 38.8 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

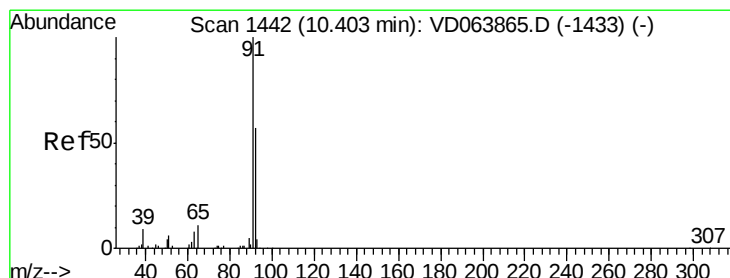
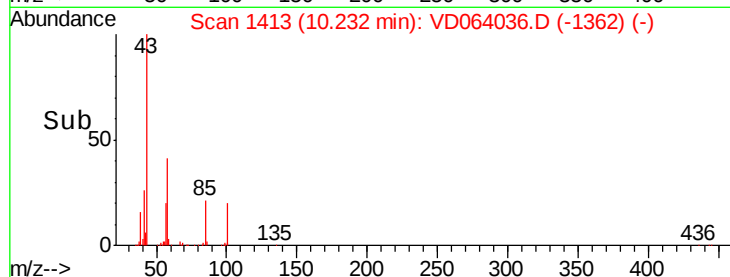
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 56.040 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VD064036.D

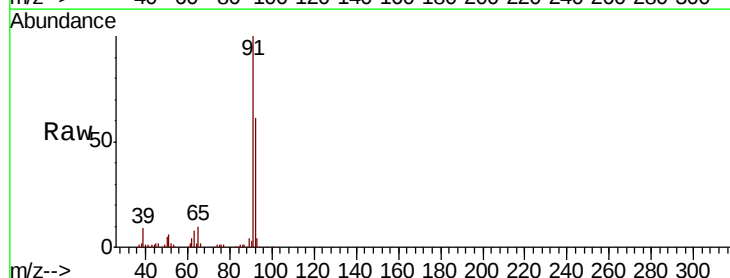
Acq: 23 Oct 2019 22:25

Tgt Ion: 92 Resp: 220034

Ion Ratio Lower Upper

92 100

91 171.1 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

250000

200000

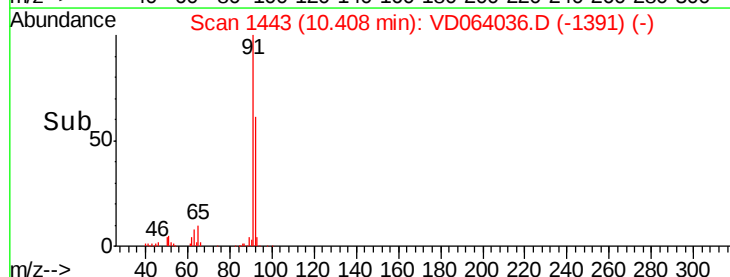
150000

100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.260 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

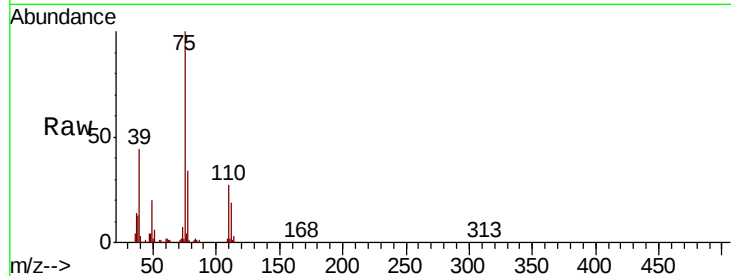
ClientSampleId :

Tot Ion: 75 Resp: 108686

Ion Ratio Lower Upper

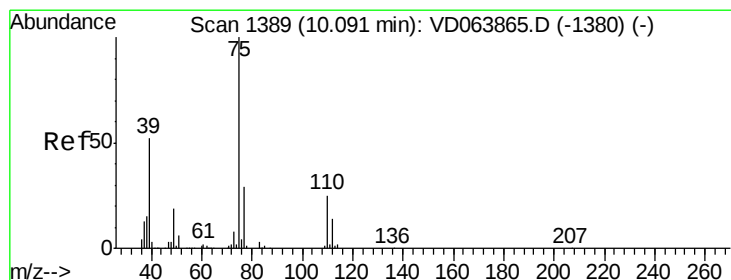
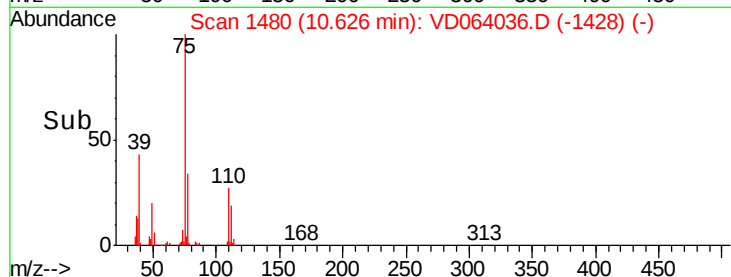
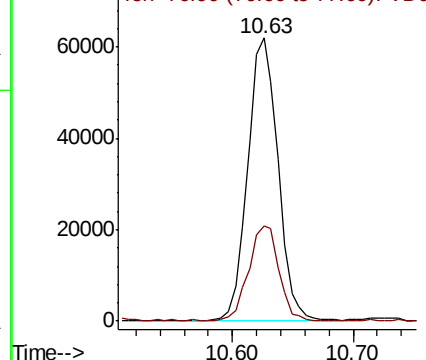
75 100

77 33.9 22.8 34.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 53.248 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

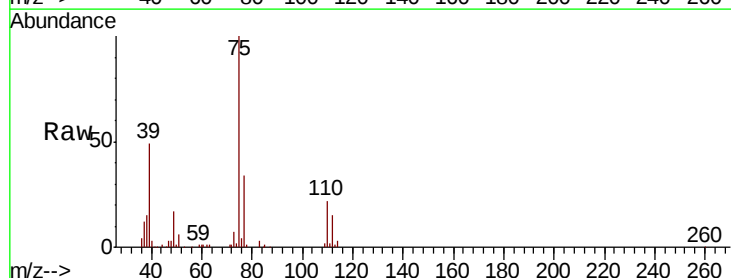
Tgt Ion: 75 Resp: 122776

Ion Ratio Lower Upper

75 100

77 33.5 23.2 34.8

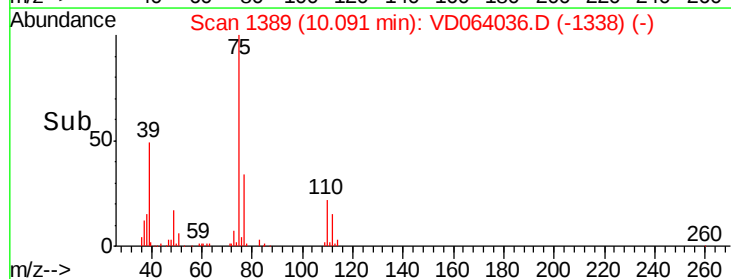
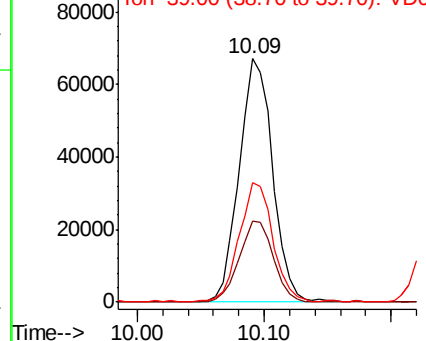
39 49.3 41.5 62.3

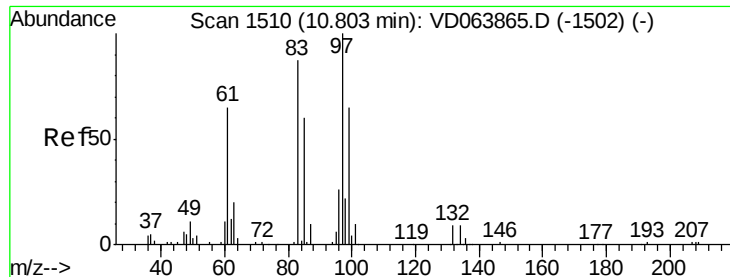


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

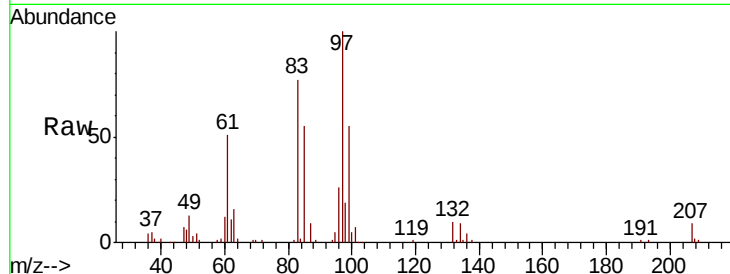




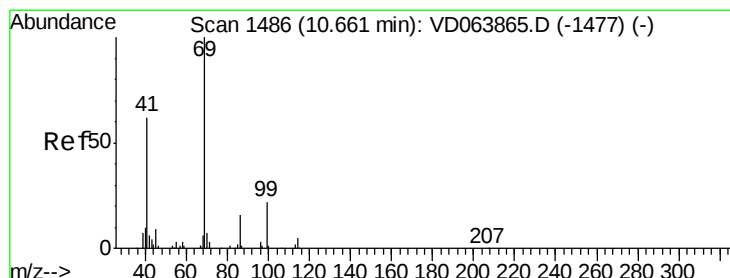
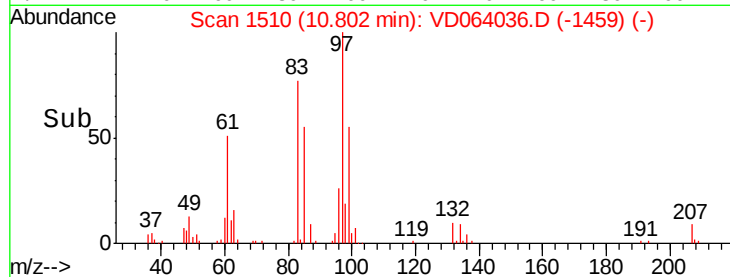
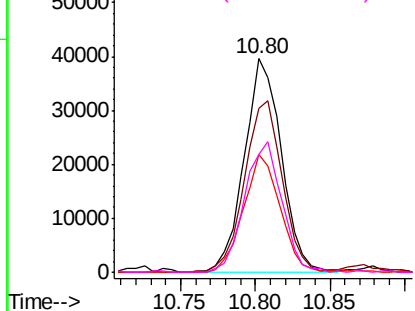
#55  
 1,1,2-Trichloroethane  
 Concen: 60.461 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 97 Resp: 68063  
 Ion Ratio Lower Upper  
 97 100  
 83 76.7 69.7 104.5  
 85 55.2 48.1 72.1  
 99 55.2 51.9 77.9

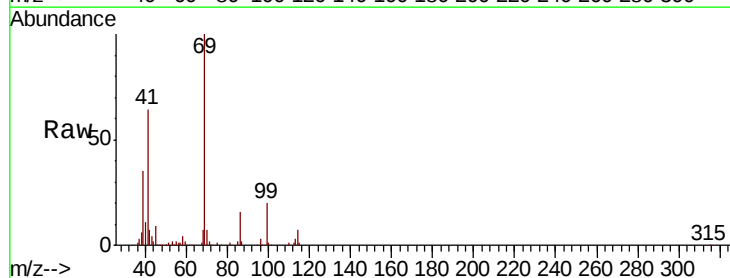


Abundance Ion 96.90 (96.60 to 97.60): VDC  
 Ion 82.90 (82.60 to 83.60): VDC  
 Ion 84.90 (84.60 to 85.60): VDC  
 Ion 98.90 (98.60 to 99.60): VDC

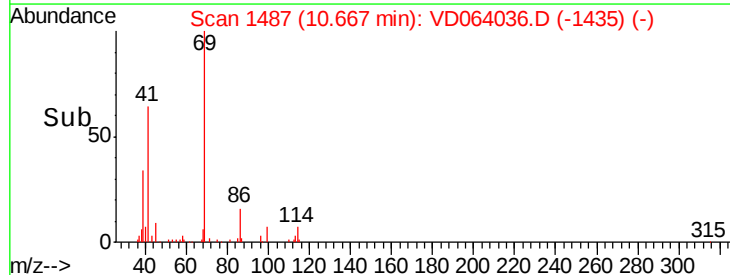
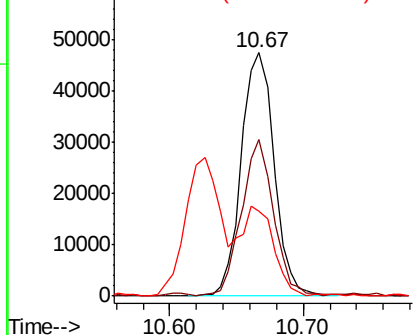


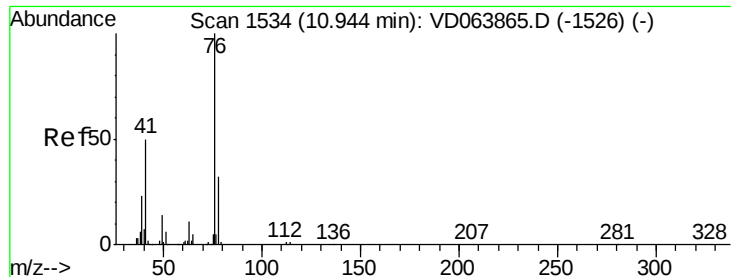
#56  
 Ethyl methacrylate  
 Concen: 56.719 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Tgt Ion: 69 Resp: 80857  
 Ion Ratio Lower Upper  
 69 100  
 41 62.7 51.3 76.9  
 39 32.3 28.0 42.0



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

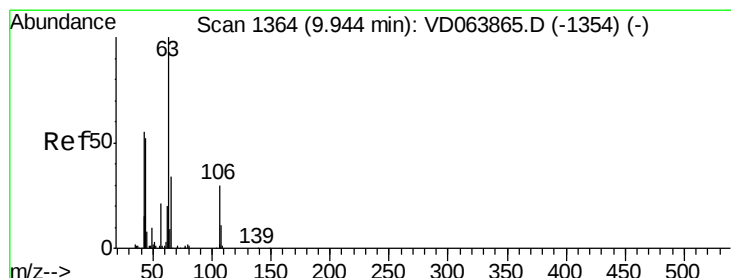
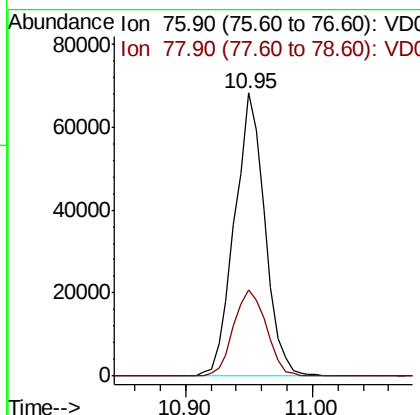
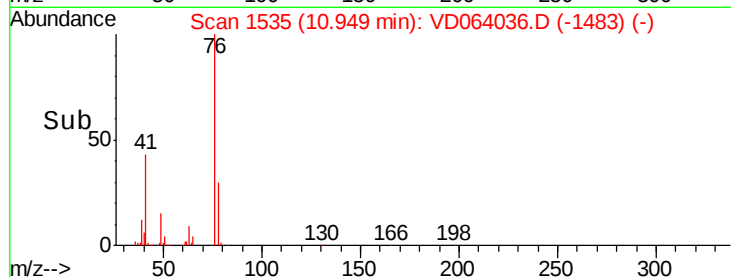
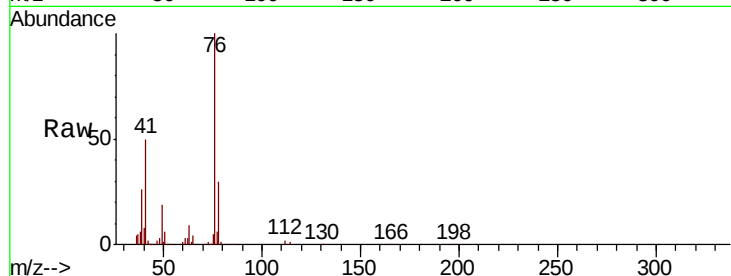




#57  
 1,3-Dichloropropane  
 Concen: 58.581 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

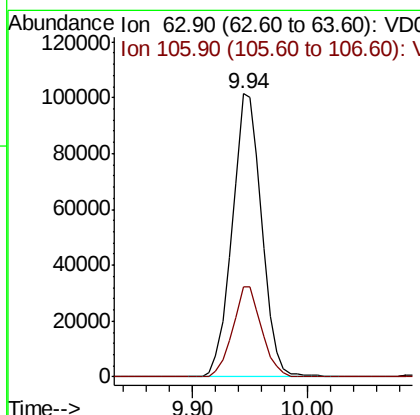
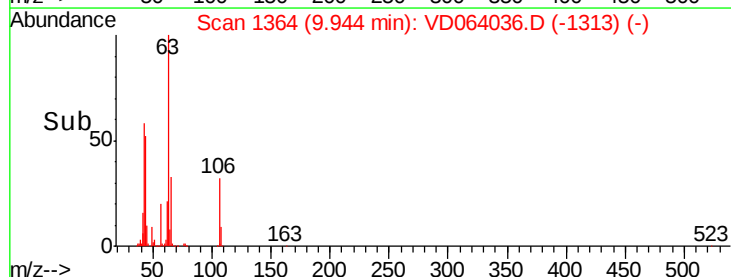
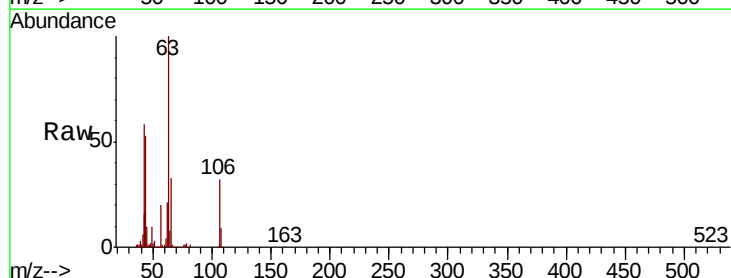
Instrument :  
 MSVOA\_D  
 ClientSampleId :

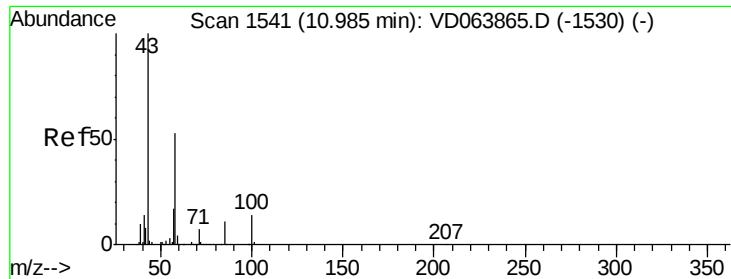
Tot Ion: 76 Resp: 112832  
 Ion Ratio Lower Upper  
 76 100  
 78 32.8 26.6 40.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 291.784 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. -0.00 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Tgt Ion: 63 Resp: 178796  
 Ion Ratio Lower Upper  
 63 100  
 106 31.3 24.3 36.5

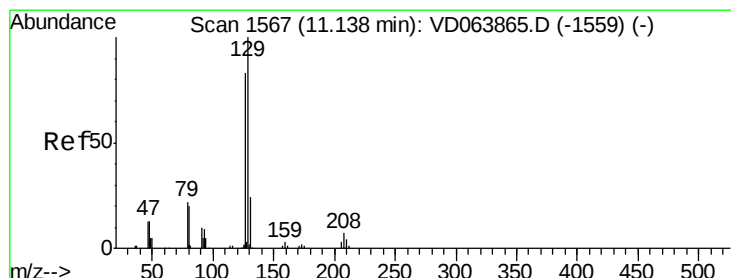
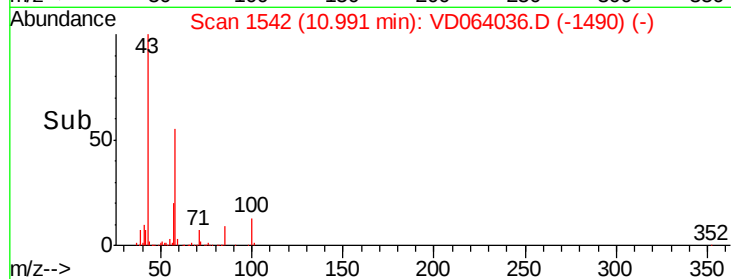
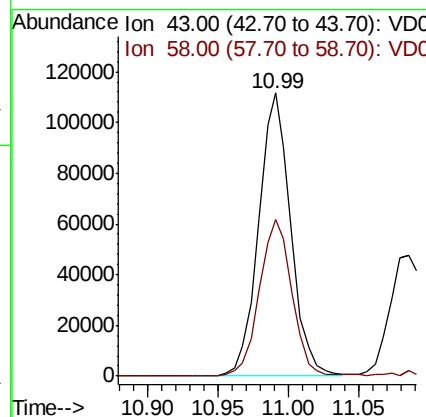
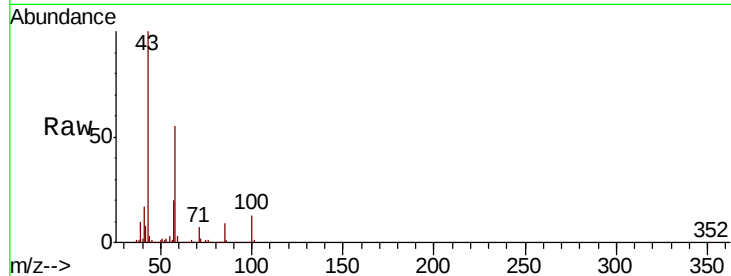




#59  
2-Hexanone  
Concen: 283.610 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

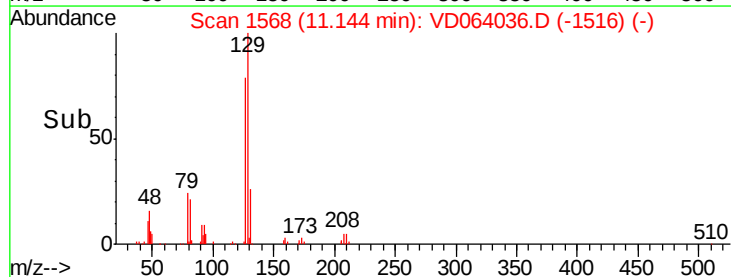
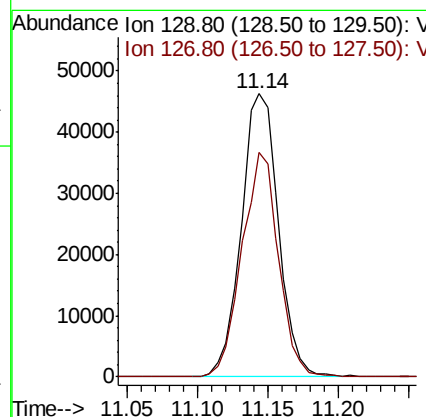
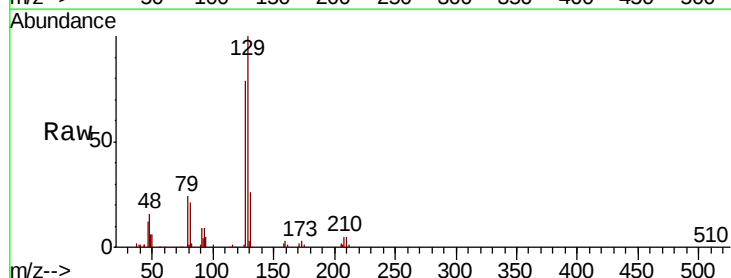
Instrument :  
MSVOA\_D  
ClientSampleId :

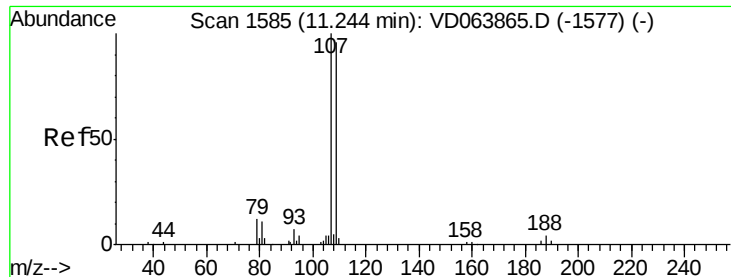
Tot Ion: 43 Resp: 178089  
Ion Ratio Lower Upper  
43 100  
58 56.3 27.7 83.0



#60  
Dibromochloromethane  
Concen: 58.121 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Tgt Ion:129 Resp: 85181  
Ion Ratio Lower Upper  
129 100  
127 78.2 39.9 119.6

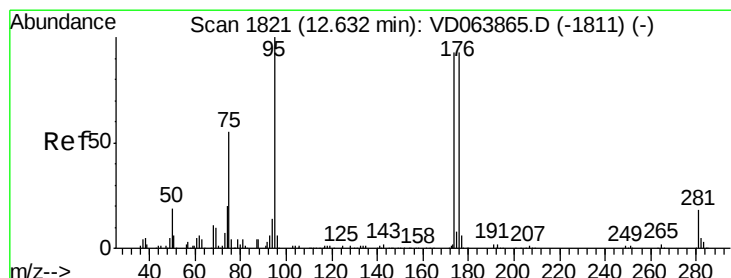
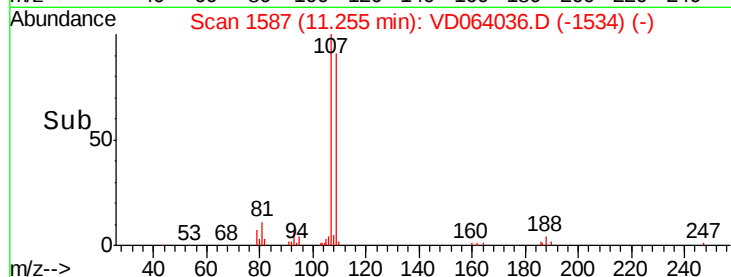
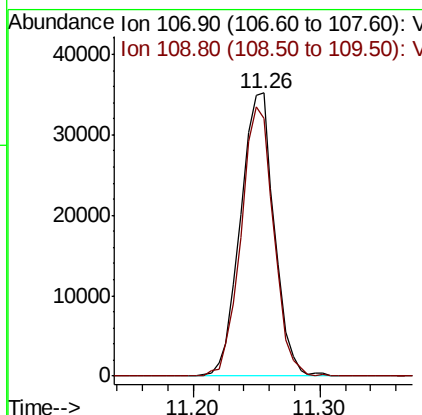
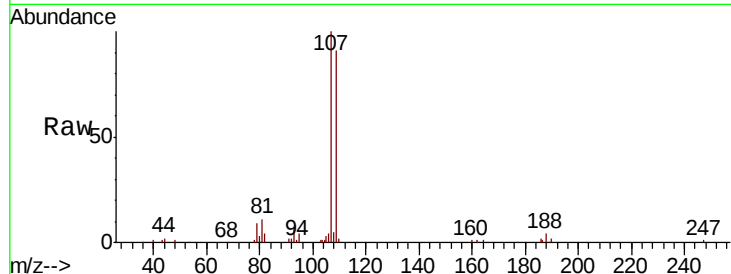




#61  
 1,2-Dibromoethane  
 Concen: 59.749 ug/l  
 RT: 11.26 min Scan# 1587  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

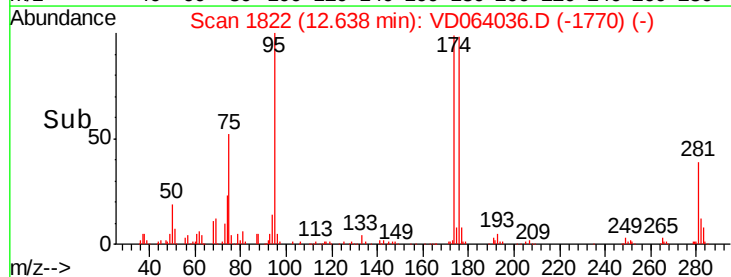
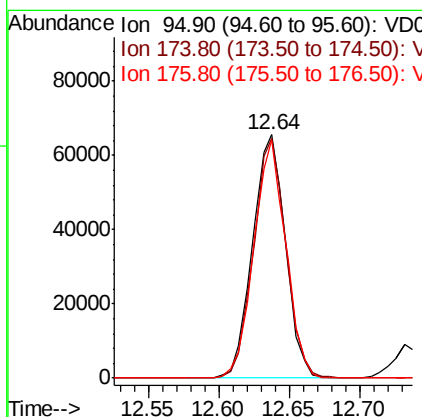
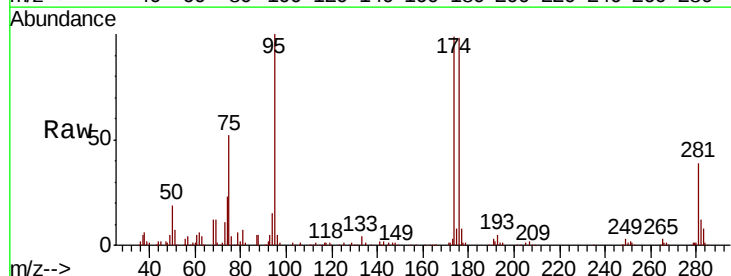
Instrument :  
 MSVOA\_D  
 ClientSampleId :

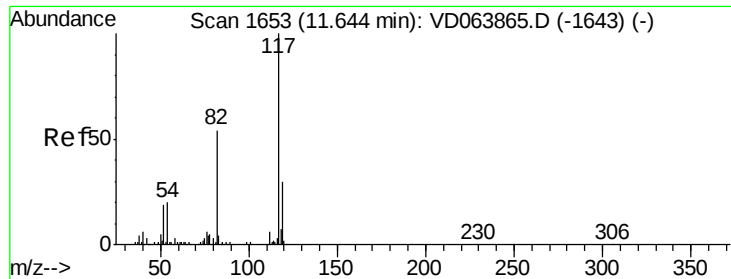
Tot Ion:107 Resp: 65207  
 Ion Ratio Lower Upper  
 107 100  
 109 91.7 75.2 112.8



#62  
 4-Bromofluorobenzene  
 Concen: 56.880 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Tgt Ion: 95 Resp: 107023  
 Ion Ratio Lower Upper  
 95 100  
 174 97.2 0.0 186.4  
 176 95.5 0.0 184.2

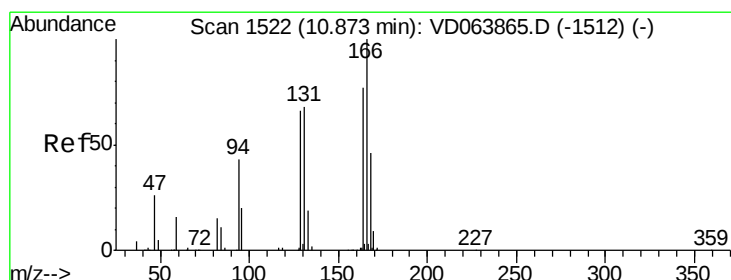
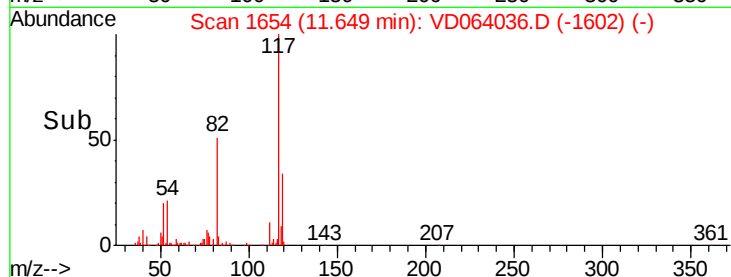
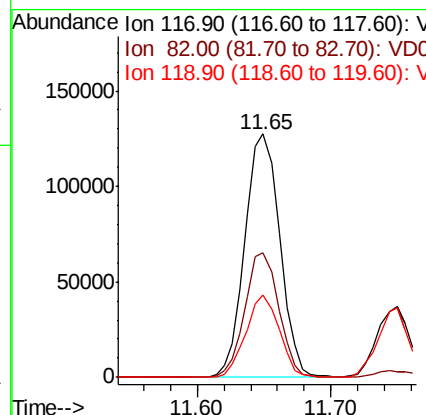
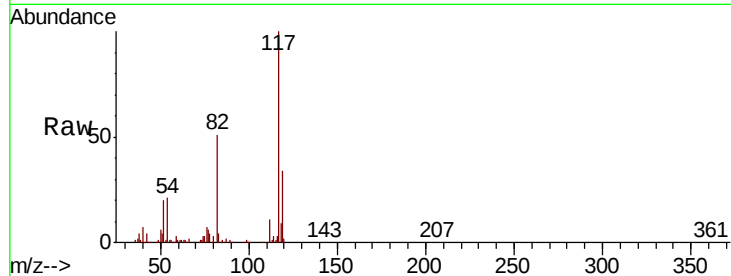




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

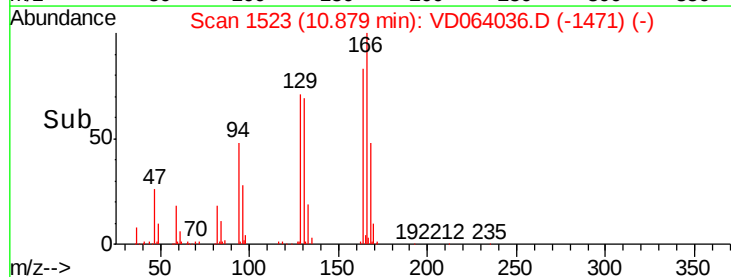
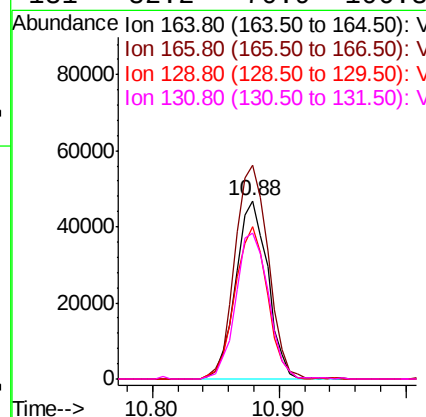
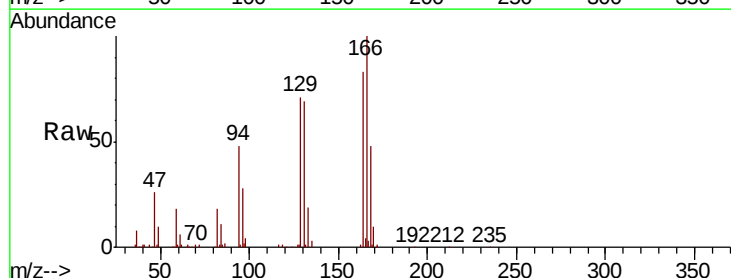
Instrument :  
MSVOA\_D  
ClientSampleId :

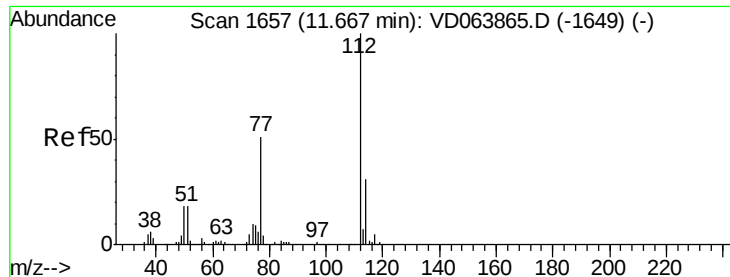
Tot Ion:117 Resp: 231012  
Ion Ratio Lower Upper  
117 100  
82 50.9 42.8 64.2  
119 33.9 24.4 36.6



#64  
Tetrachloroethene  
Concen: 52.035 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Tgt Ion:164 Resp: 82063  
Ion Ratio Lower Upper  
164 100  
166 119.9 103.8 155.6  
129 85.3 68.9 103.3  
131 82.2 70.9 106.3

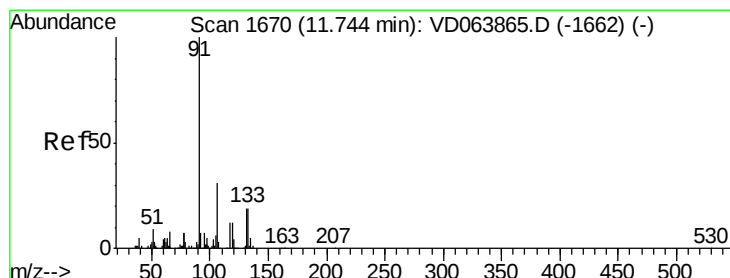
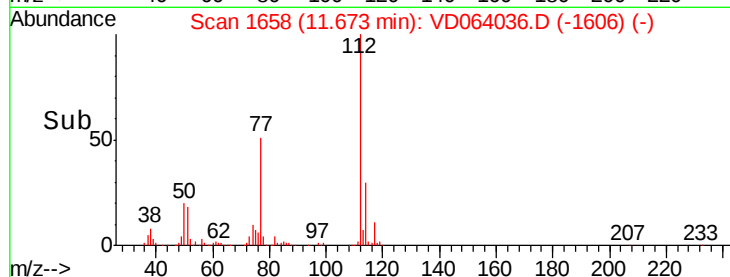
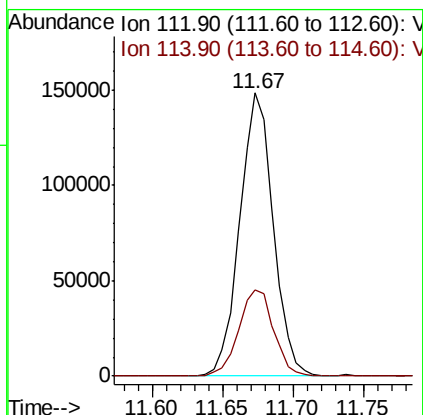
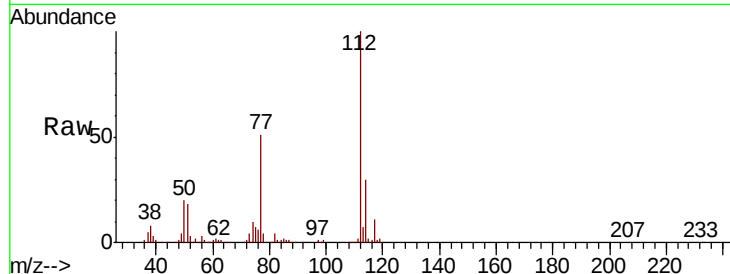




#65  
Chlorobenzene  
Concen: 53.011 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

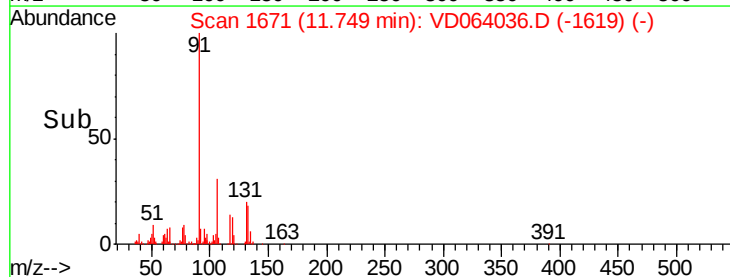
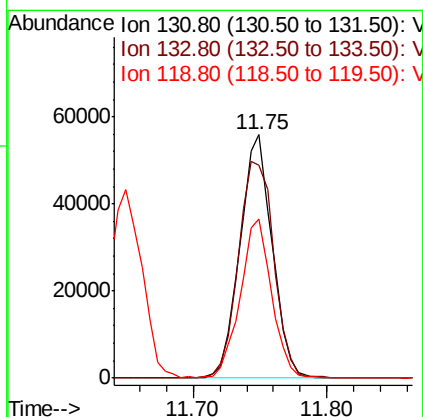
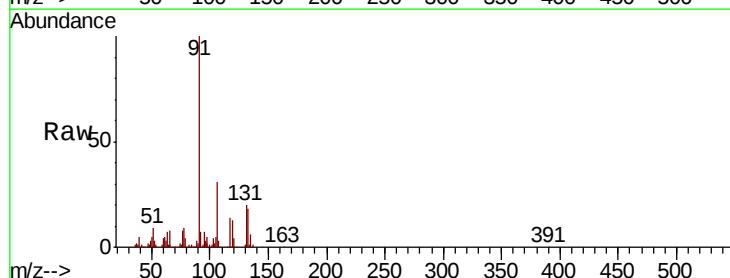
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:112 Resp: 245935  
Ion Ratio Lower Upper  
112 100  
114 30.4 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.364 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Tgt Ion:131 Resp: 92934  
Ion Ratio Lower Upper  
131 100  
133 98.1 48.9 146.7  
119 64.0 32.6 97.8

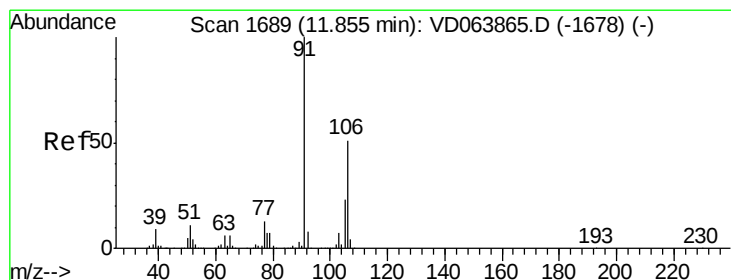
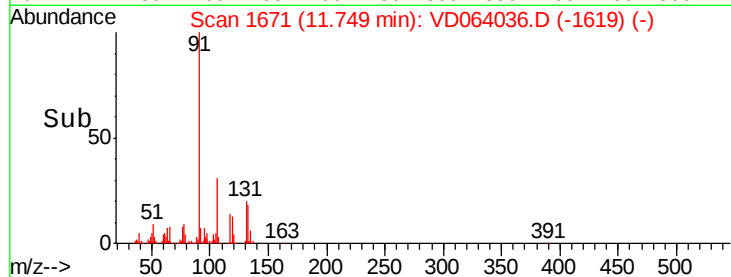
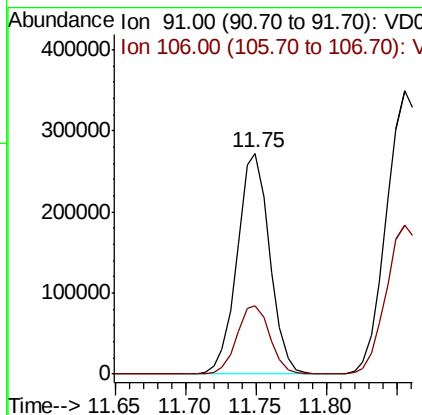
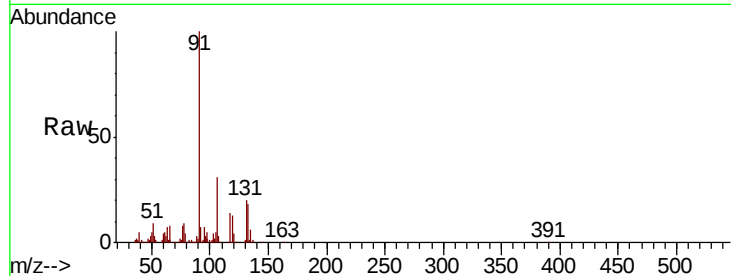




#67  
Ethyl Benzene  
Concen: 52.450 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

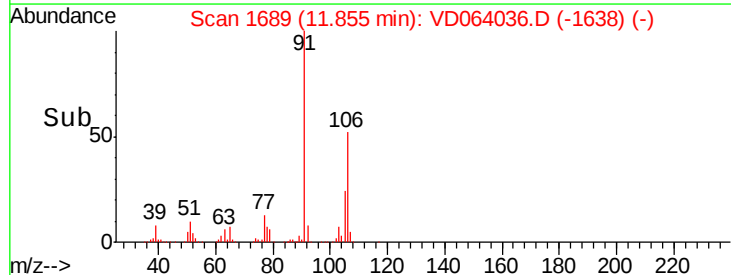
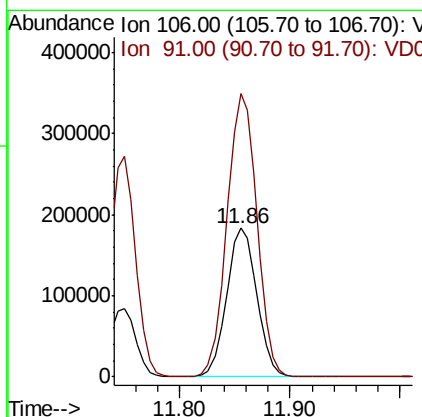
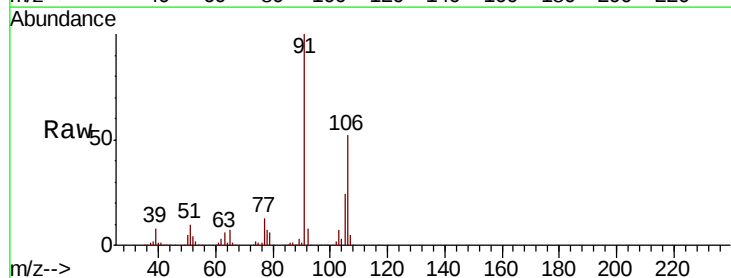
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 91 Resp: 438777  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.6 37.0



#68  
m/p-Xylenes  
Concen: 108.641 ug/l  
RT: 11.86 min Scan# 1689  
Delta R.T. -0.00 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Tgt Ion: 106 Resp: 350798  
Ion Ratio Lower Upper  
106 100  
91 189.3 154.8 232.2

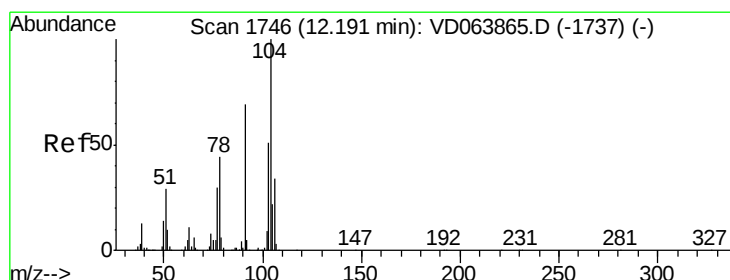
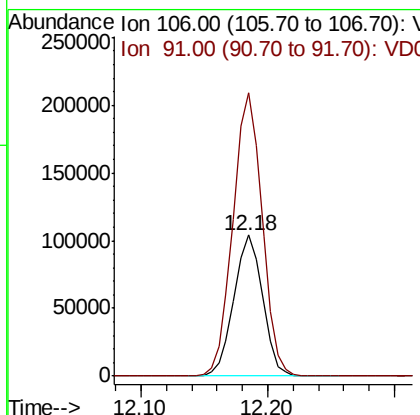
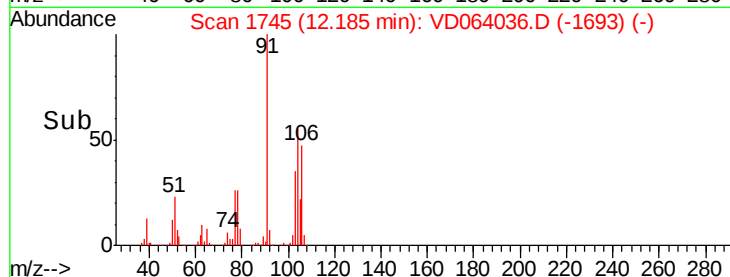
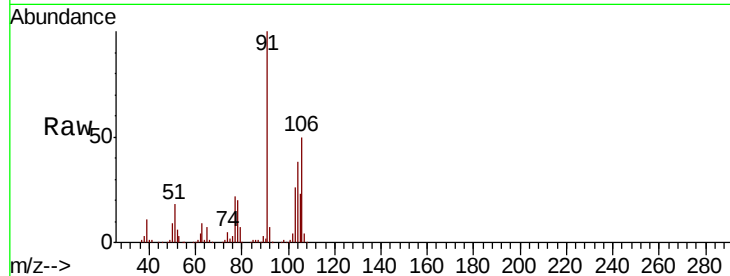




#69  
o-Xylene  
Concen: 52.884 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

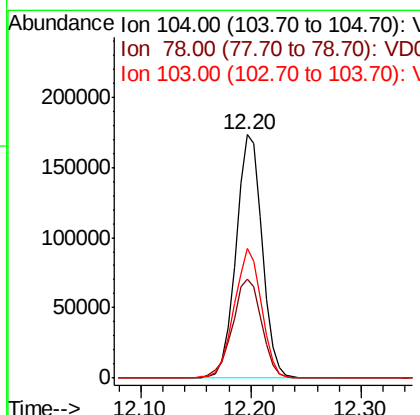
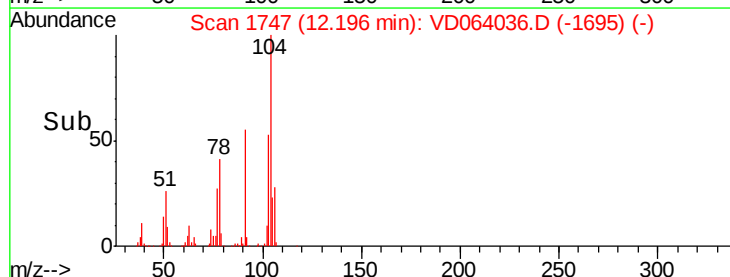
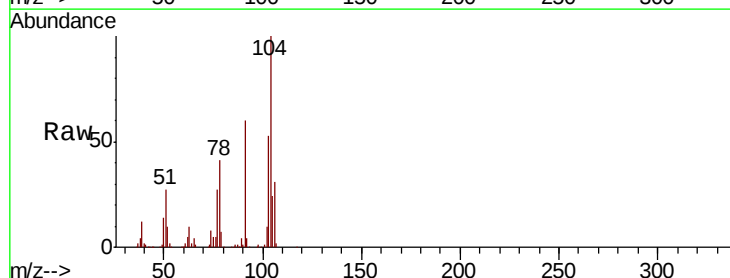
Instrument :  
MSVOA\_D  
ClientSampled :

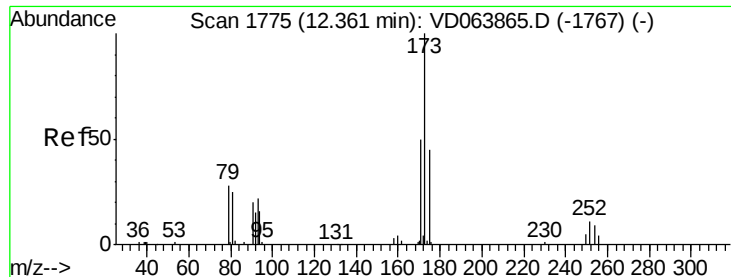
Tot Ion:106 Resp: 163509  
Ion Ratio Lower Upper  
106 100  
91 204.0 103.9 311.7



#70  
Styrene  
Concen: 54.944 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Tgt Ion:104 Resp: 287582  
Ion Ratio Lower Upper  
104 100  
78 45.7 37.0 55.4  
103 55.9 44.2 66.4





#71

Bromoform

Concen: 58.151 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

ClientSampleId :

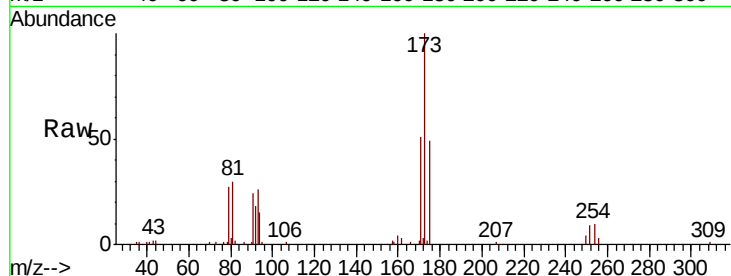
Tot Ion:173 Resp: 53350

Ion Ratio Lower Upper

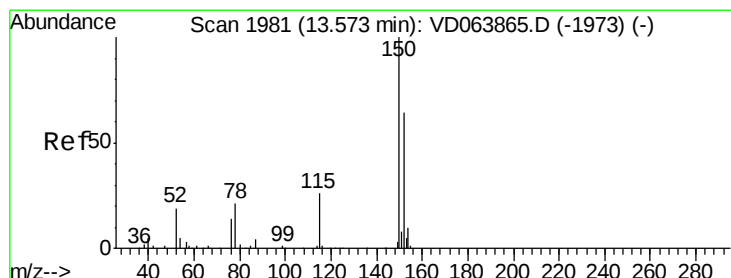
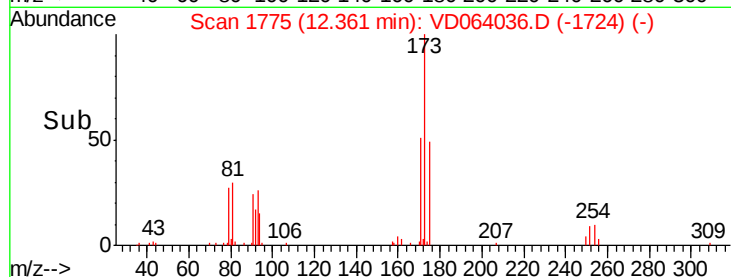
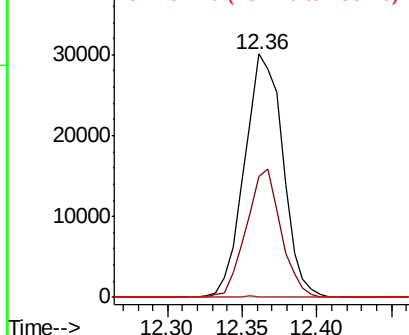
173 100

175 47.6 24.6 74.0

254 0.1 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: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

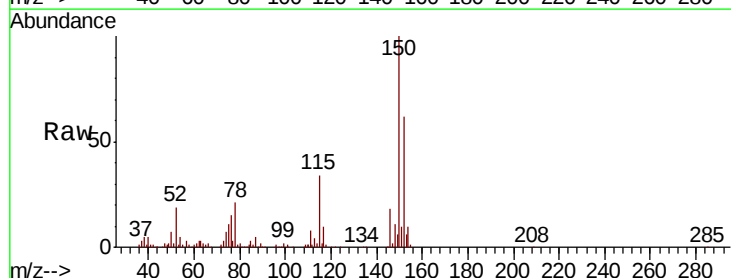
Tgt Ion:152 Resp: 135768

Ion Ratio Lower Upper

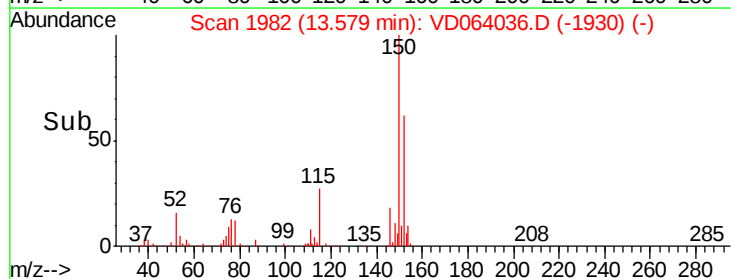
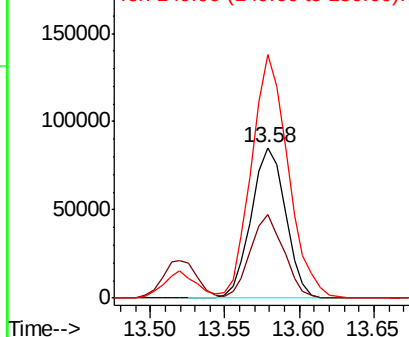
152 100

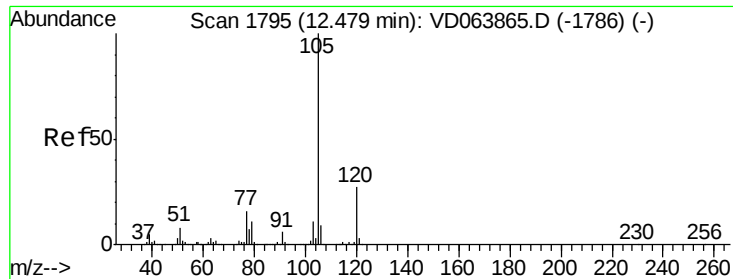
115 53.9 25.9 77.7

150 173.4 0.0 344.2



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: 47.086 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

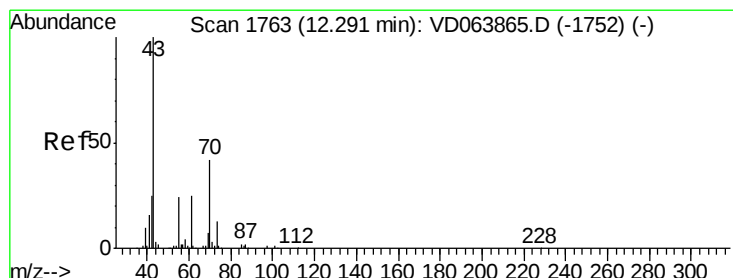
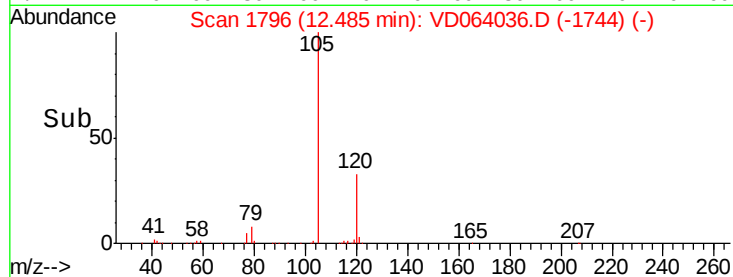
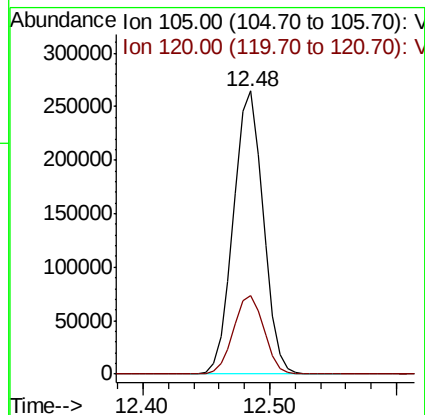
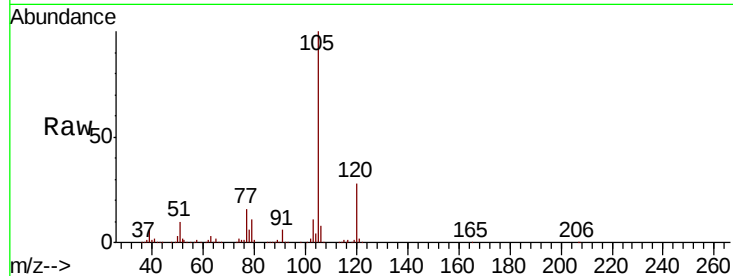
ClientSampleId :

Tot Ion:105 Resp: 429750

Ion Ratio Lower Upper

105 100

120 28.5 13.3 39.8



#74

N-ethyl acetate

Concen: 45.829 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Tgt Ion: 43 Resp: 90057

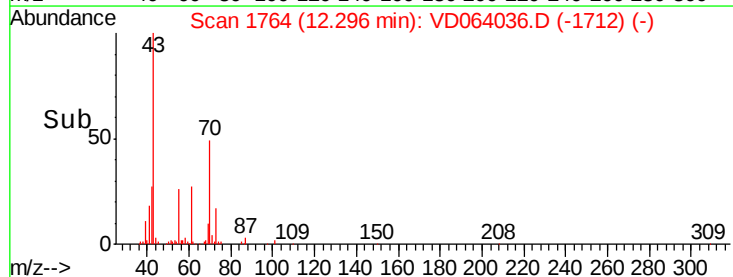
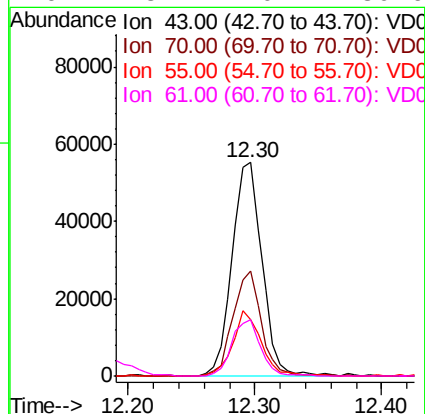
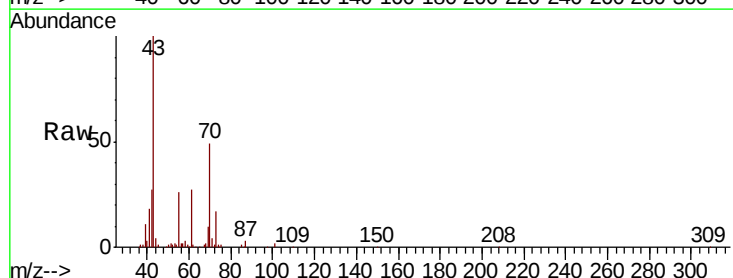
Ion Ratio Lower Upper

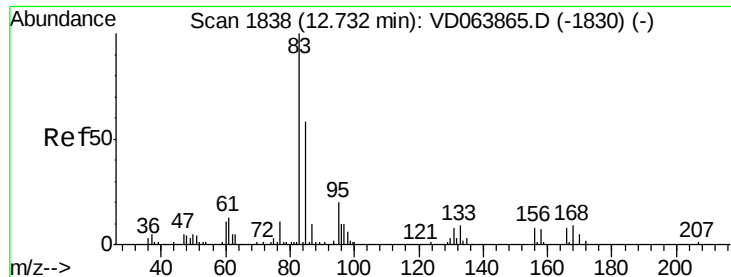
43 100

70 46.1 35.8 53.6

55 29.0 19.4 29.0

61 25.4 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.798 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

ClientSampleId :

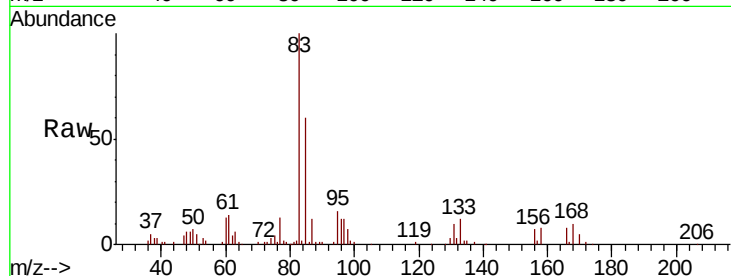
Tot Ion: 83 Resp: 82267

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.3  | 5.6   | 16.8  |
| 85  | 65.8  | 32.3  | 96.8  |

83 100

131 10.3 5.6 16.8

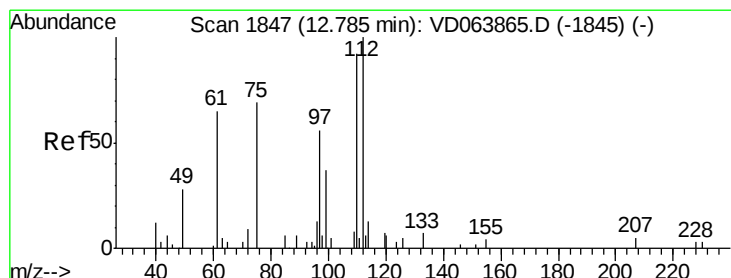
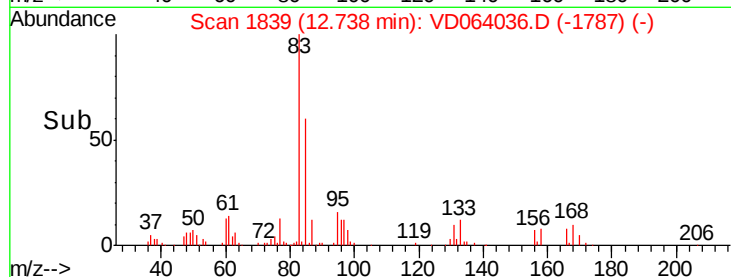
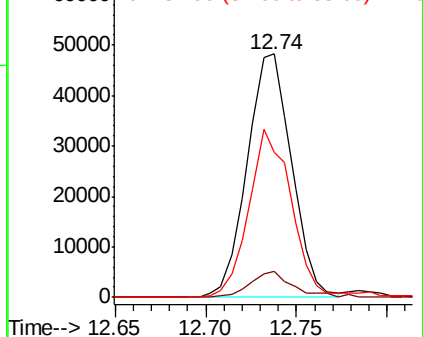
85 65.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 112.922 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD064036.D

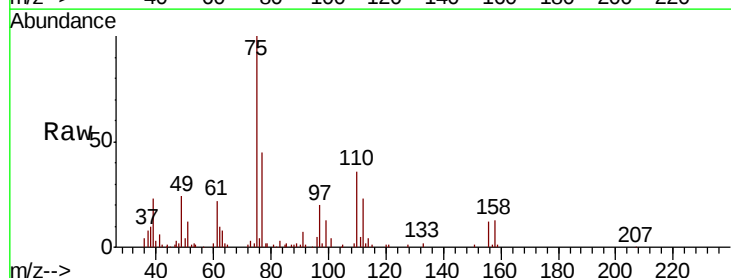
Acq: 23 Oct 2019 22:25

Tgt Ion: 75 Resp: 102684

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 0.0   |

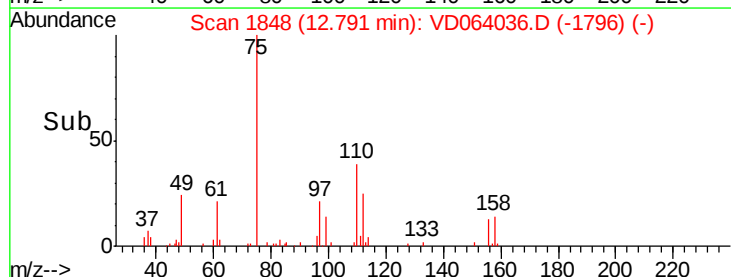
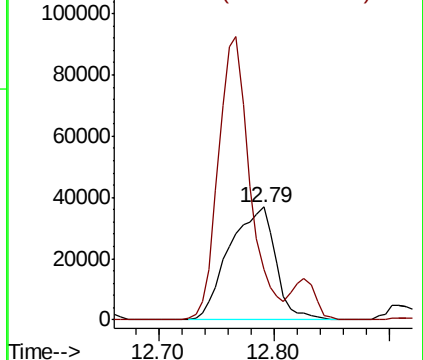
75 100

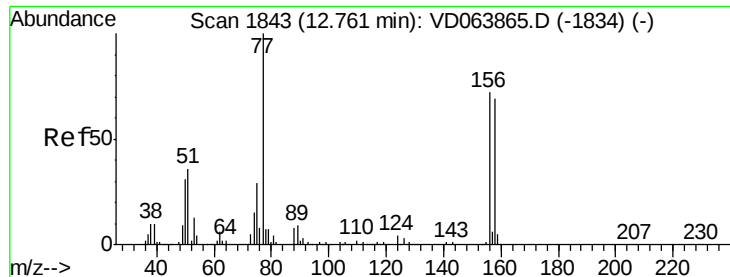
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.452 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

ClientSampleId :

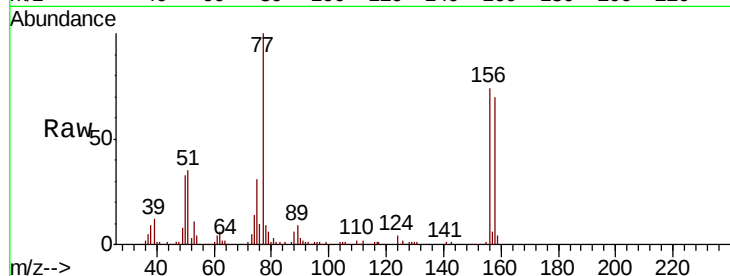
Tot Ion:156 Resp: 116998

Ion Ratio Lower Upper

156 100

77 150.8 80.3 241.0

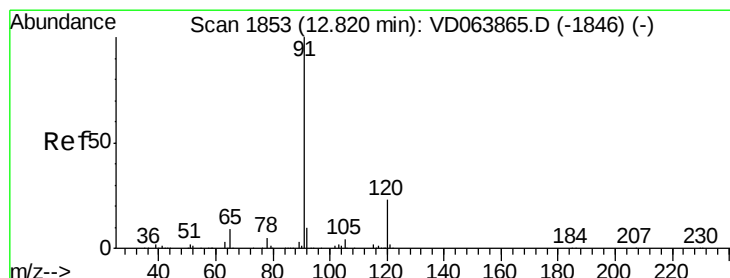
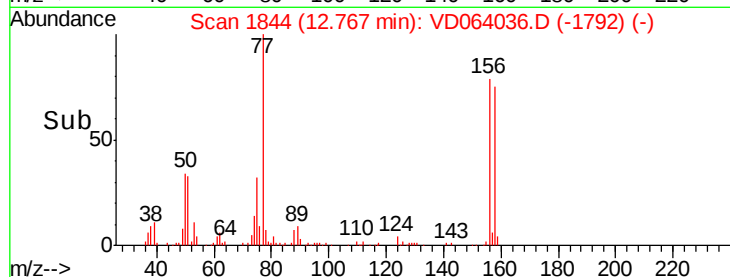
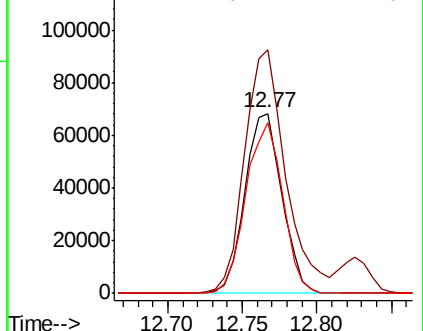
158 94.6 47.4 142.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.813 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD064036.D

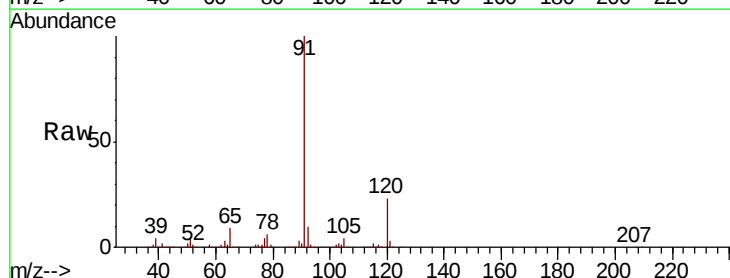
Acq: 23 Oct 2019 22:25

Tgt Ion: 91 Resp: 522942

Ion Ratio Lower Upper

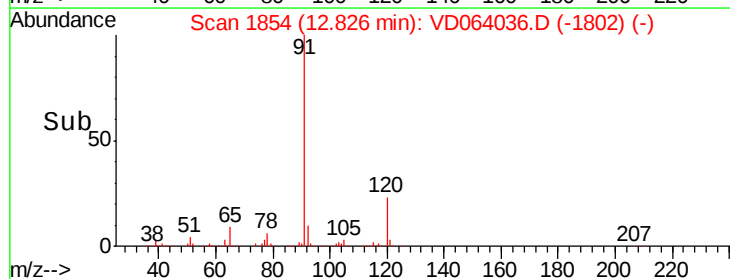
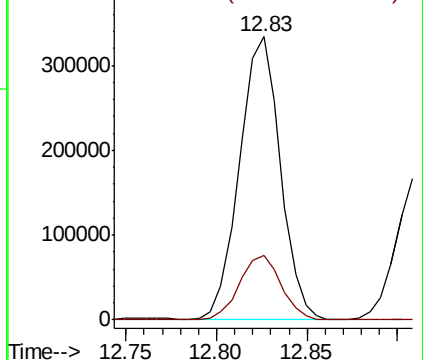
91 100

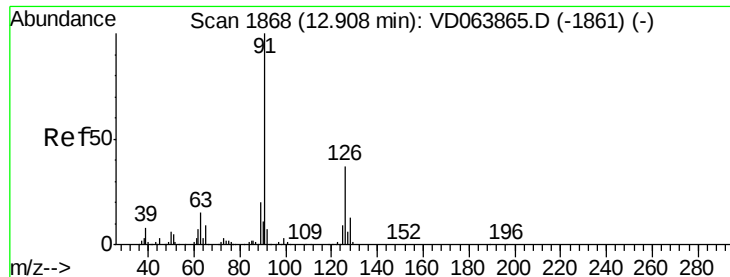
120 23.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

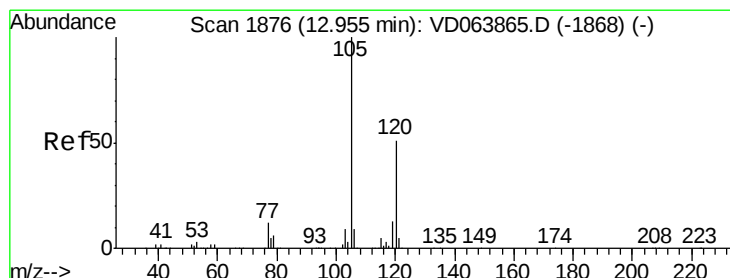
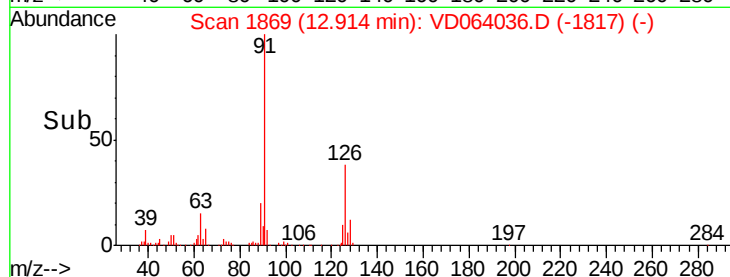
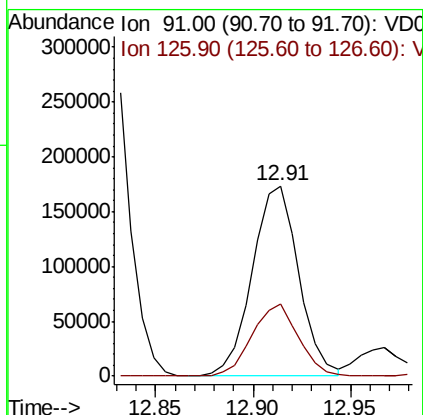
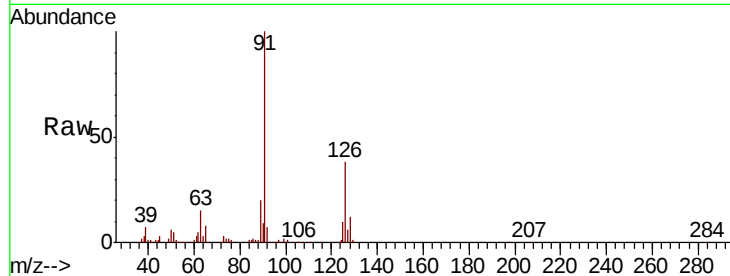




#79  
 2-Chlorotoluene  
 Concen: 48.503 ug/l  
 RT: 12.91 min Scan# 1869  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

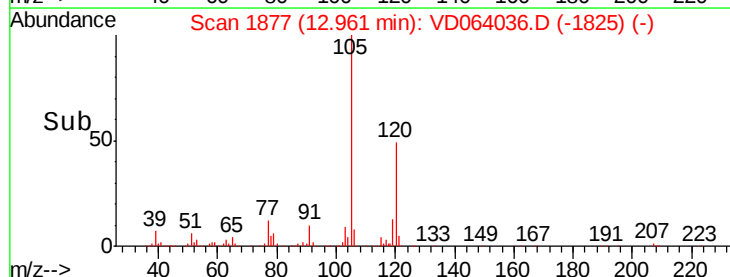
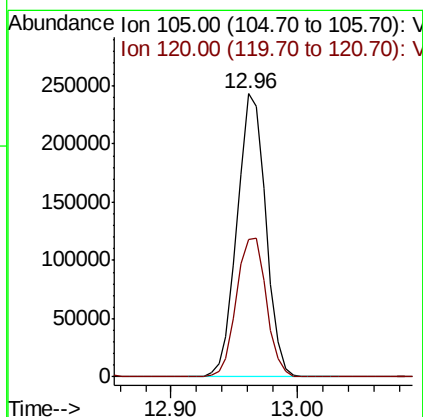
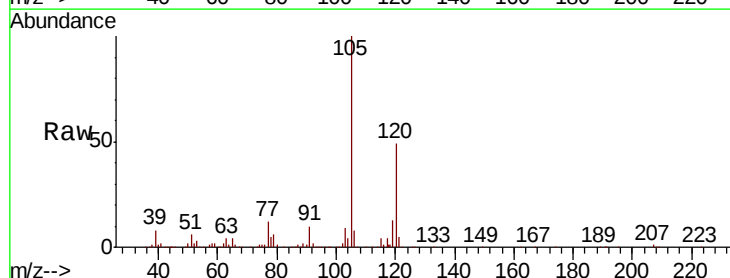
Instrument :  
 MSVOA\_D  
 ClientSampleId :

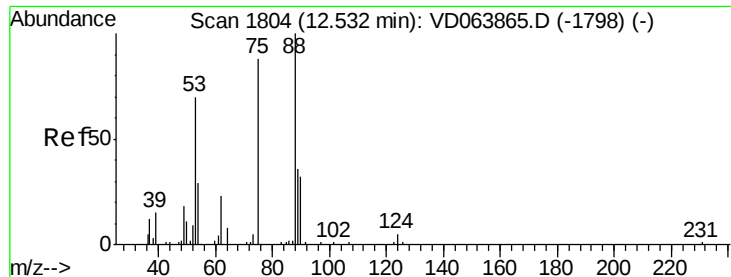
Tot Ion: 91 Resp: 286516  
 Ion Ratio Lower Upper  
 91 100  
 126 37.8 18.4 55.2



#80  
 1,3,5-Trimethylbenzene  
 Concen: 49.941 ug/l  
 RT: 12.96 min Scan# 1877  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Tgt Ion: 105 Resp: 380270  
 Ion Ratio Lower Upper  
 105 100  
 120 51.3 25.9 77.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.208 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

ClientSampleId :

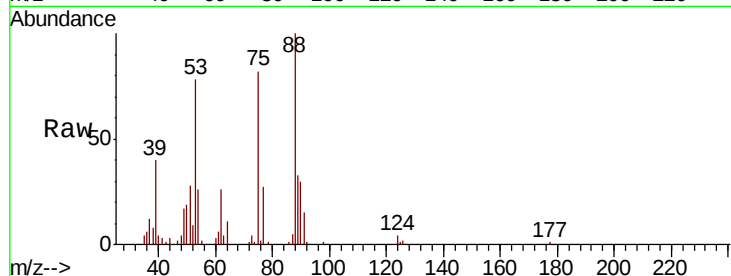
Tot Ion: 75 Resp: 23231

Ion Ratio Lower Upper

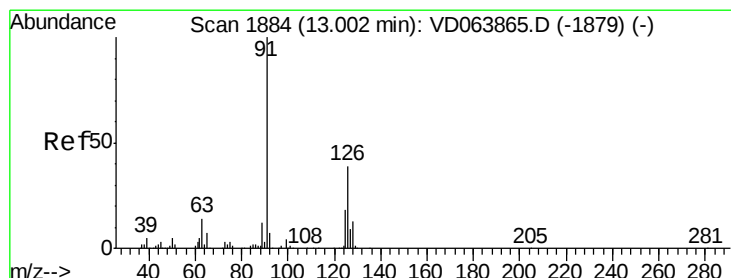
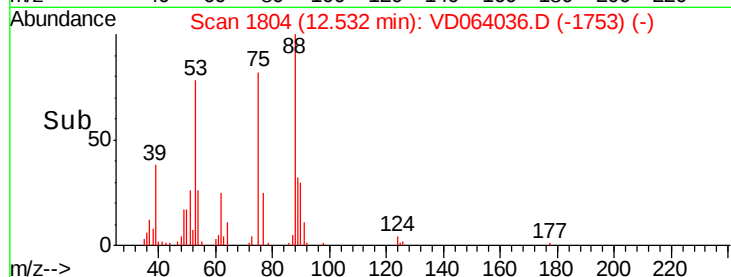
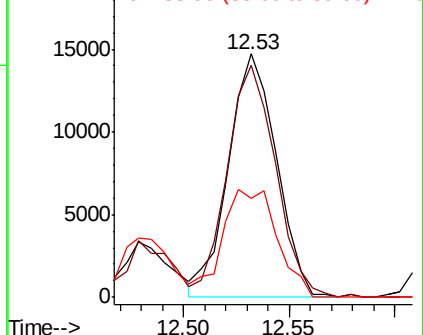
75 100

53 96.6 75.0 112.6

89 50.3 38.2 57.4



Abundance Ion 74.90 (74.60 to 75.60): VDC  
Ion 53.00 (52.70 to 53.70): VDC  
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 48.371 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VD064036.D

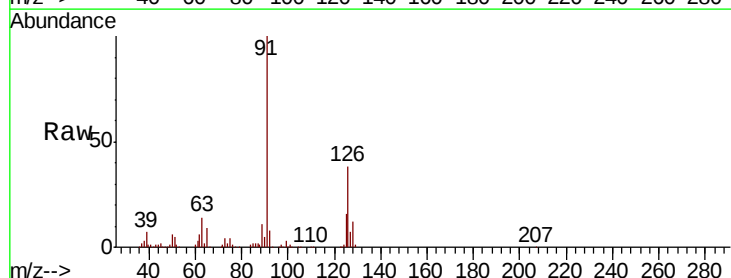
Acq: 23 Oct 2019 22:25

Tgt Ion: 91 Resp: 303111

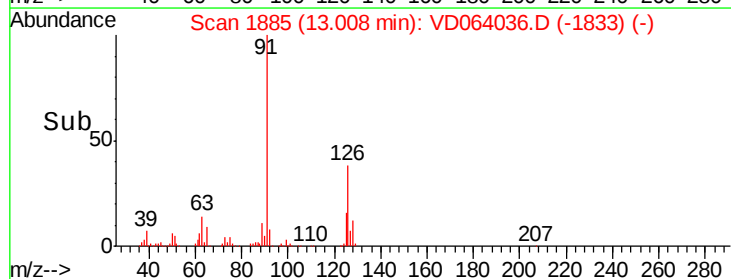
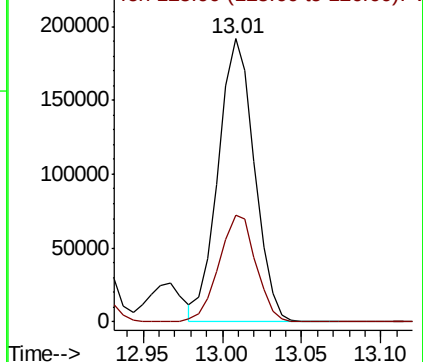
Ion Ratio Lower Upper

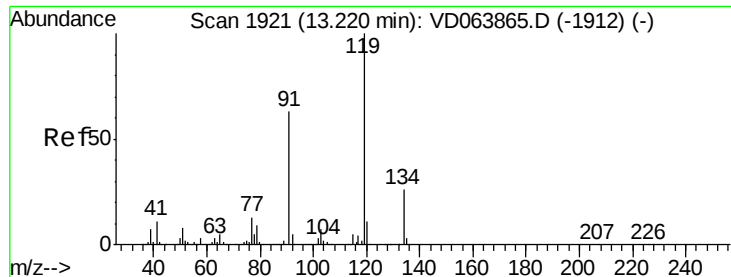
91 100

126 38.6 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.884 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

ClientSampleId :

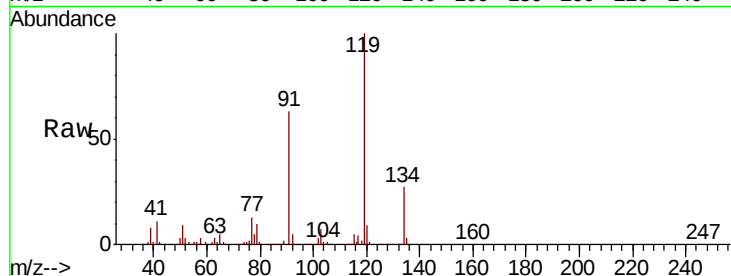
Tot Ion:119 Resp: 338046

Ion Ratio Lower Upper

119 100

91 59.0 30.0 90.0

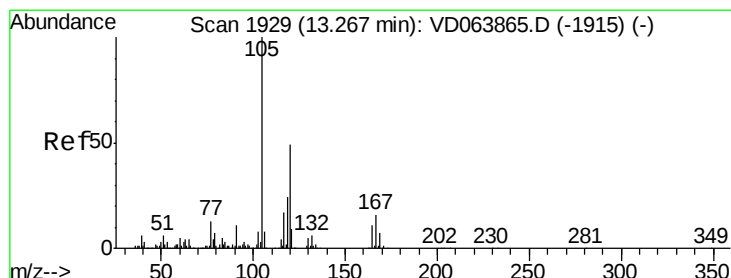
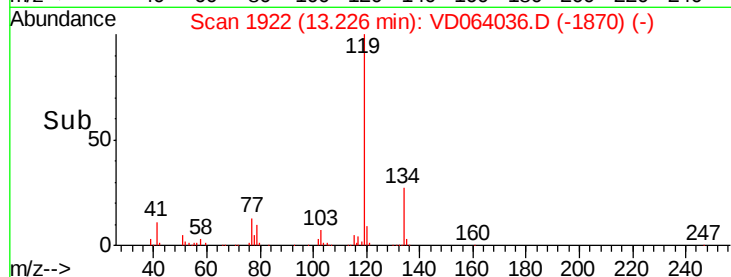
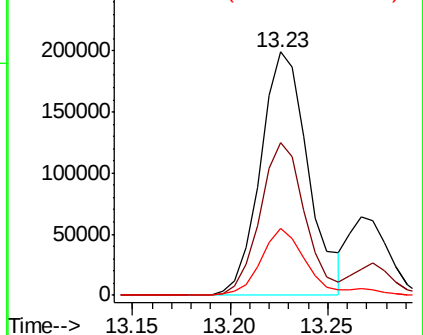
134 26.9 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.377 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.01 min

Lab File: VD064036.D

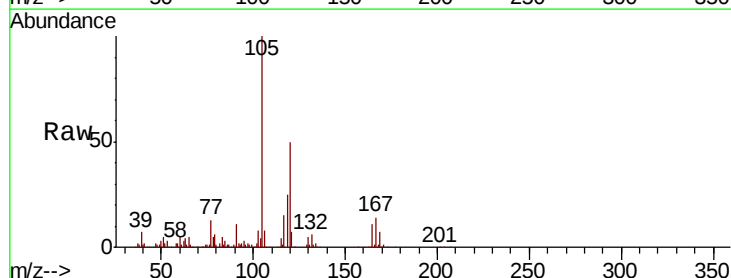
Acq: 23 Oct 2019 22:25

Tgt Ion:105 Resp: 395460

Ion Ratio Lower Upper

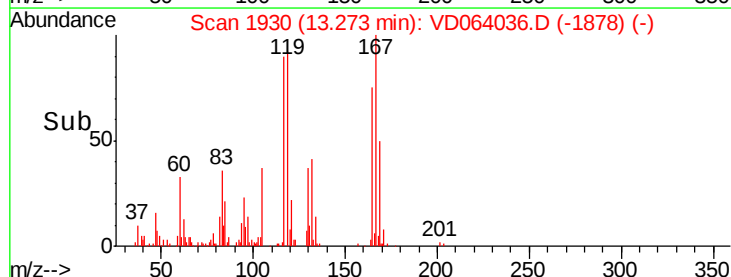
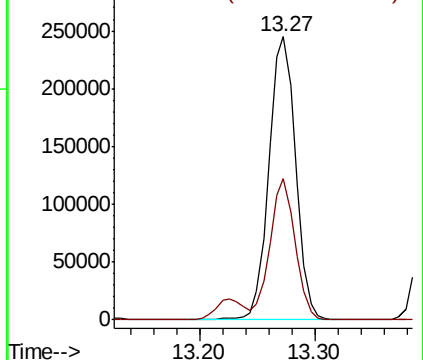
105 100

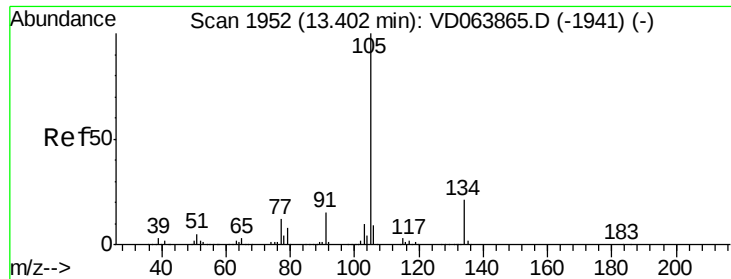
120 47.0 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.540 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

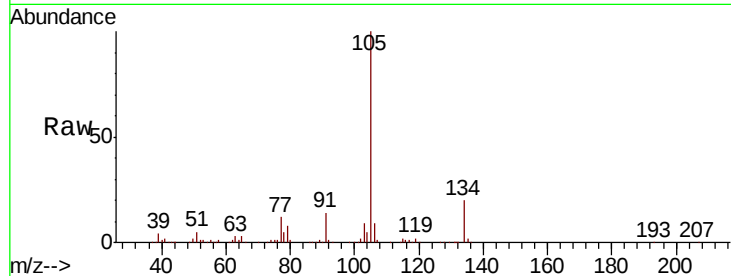
ClientSampleId :

Tot Ion:105 Resp: 453373

Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

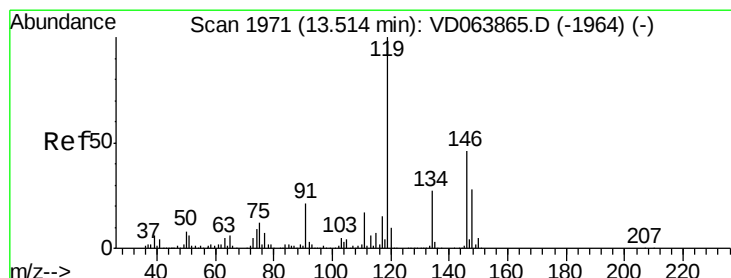
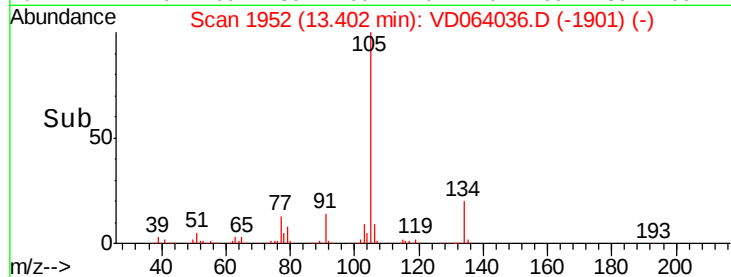
300000

200000

100000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 49.913 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

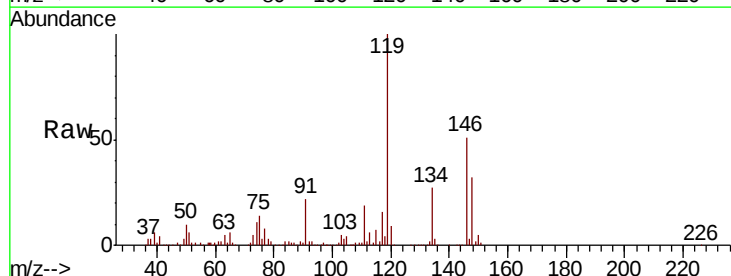
Tgt Ion:119 Resp: 432247

Ion Ratio Lower Upper

119 100

134 26.7 13.9 41.6

91 22.6 11.2 33.5



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

13.52

400000

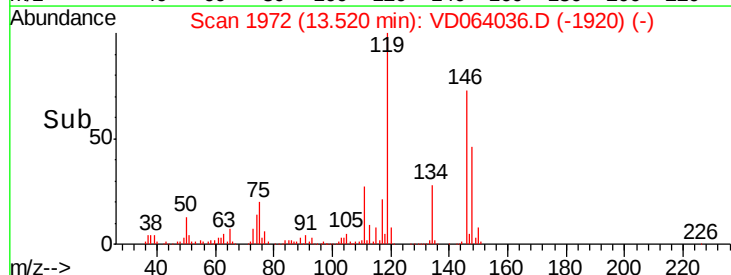
300000

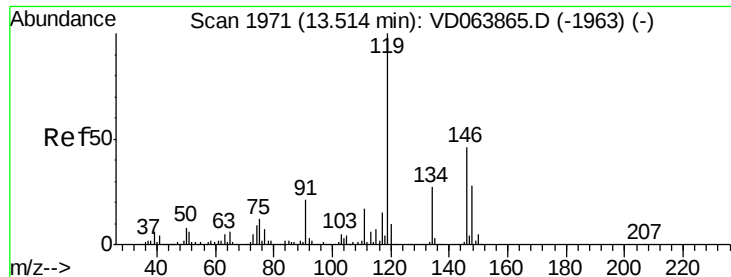
200000

100000

0

Time--> 13.45 13.50 13.55 13.60





#87

1,3-Dichlorobenzene

Concen: 51.414 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VD064036.D

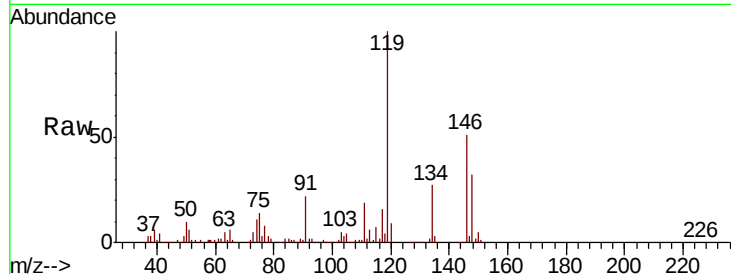
Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

ClientSampleId :

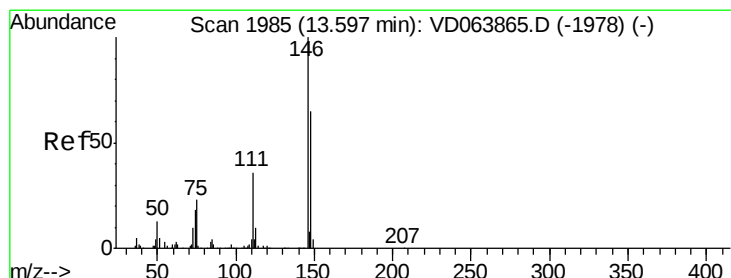
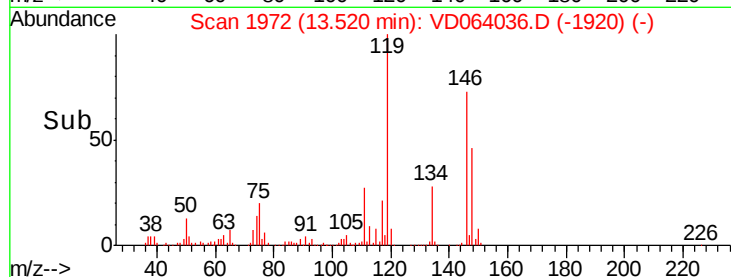
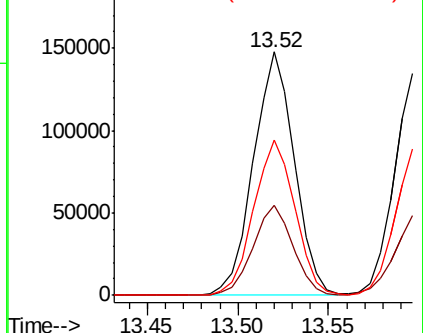
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:146 | Resp: | 231007      |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 36.2  | 18.3 54.9   |
| 148         | 64.3  | 31.8 95.4   |



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.287 ug/l

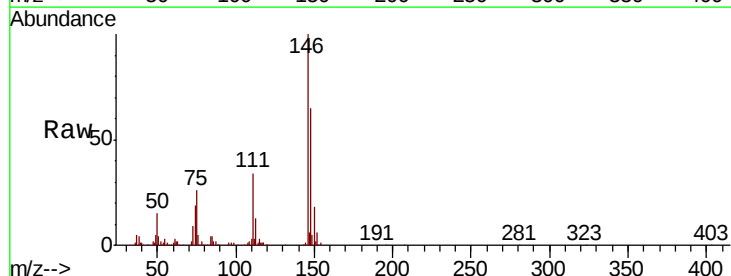
RT: 13.60 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

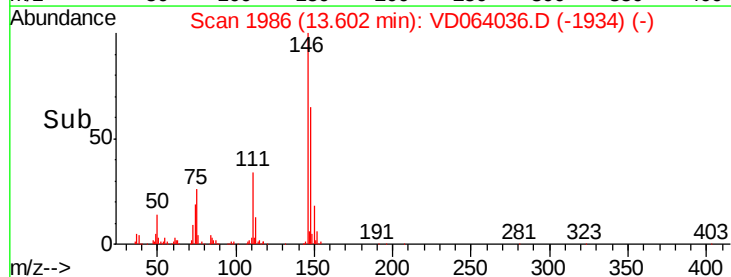
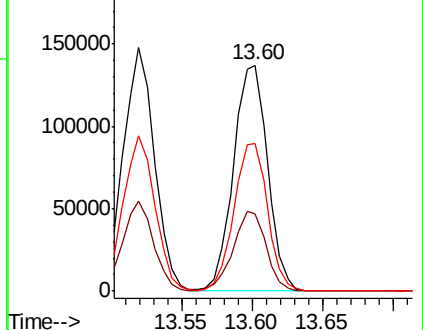
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 231766      |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 34.2  | 18.6 56.0   |
| 148         | 64.1  | 32.6 98.0   |

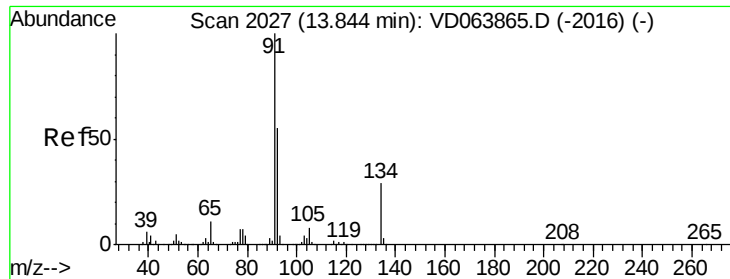


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

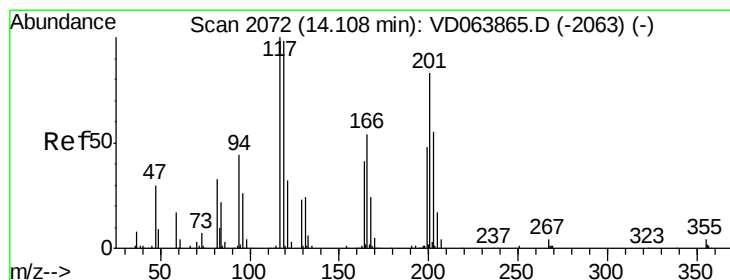
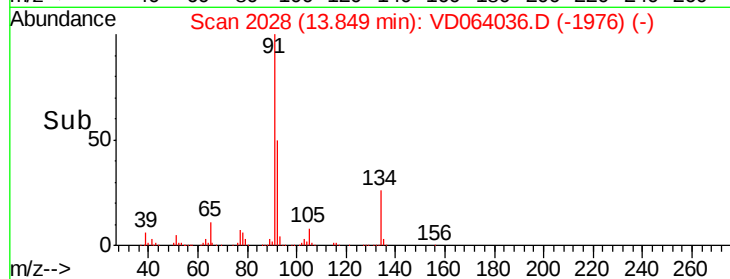
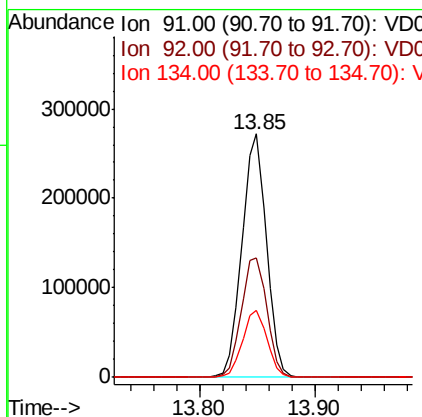
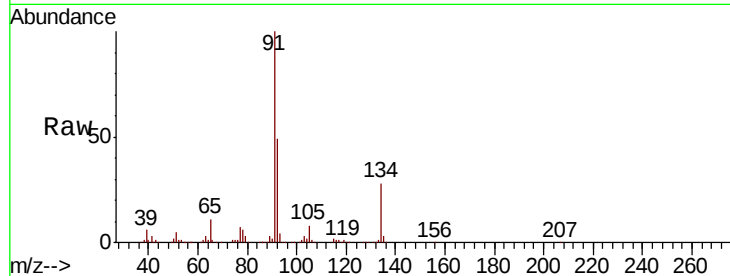




#89  
n-Butylbenzene  
Concen: 49.632 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

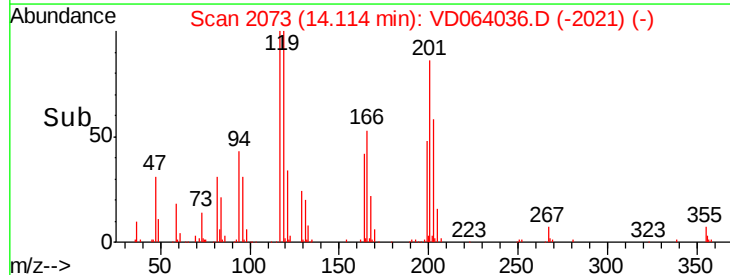
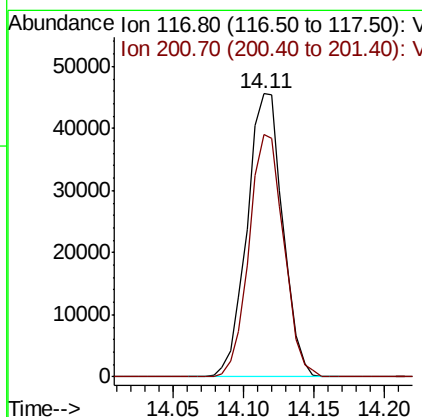
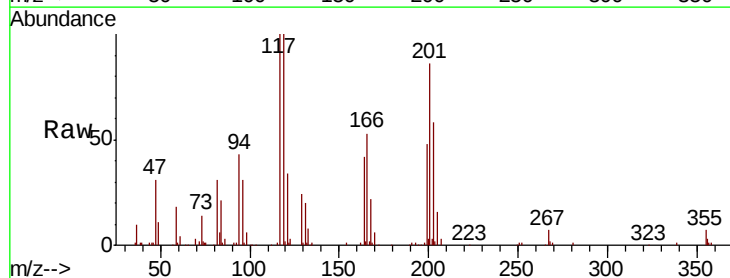
Instrument :  
MSVOA\_D  
ClientSampleId :

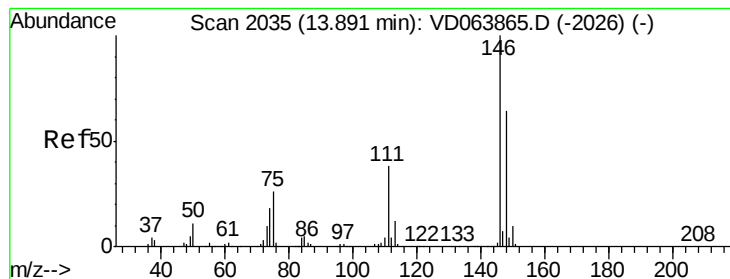
Tot Ion: 91 Resp: 400075  
Ion Ratio Lower Upper  
91 100  
92 51.3 26.8 80.3  
134 27.8 14.4 43.0



#90  
Hexachloroethane  
Concen: 52.182 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Tgt Ion: 117 Resp: 81276  
Ion Ratio Lower Upper  
117 100  
201 83.0 40.6 121.7





#91

1,2-Dichlorobenzene

Concen: 51.899 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

Instrument :

MSVOA\_D

ClientSampled :

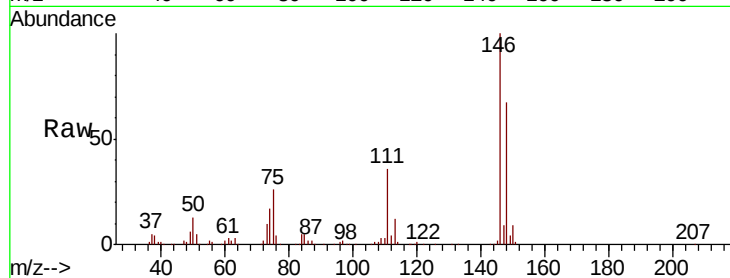
Tot Ion:146 Resp: 200955

Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.6

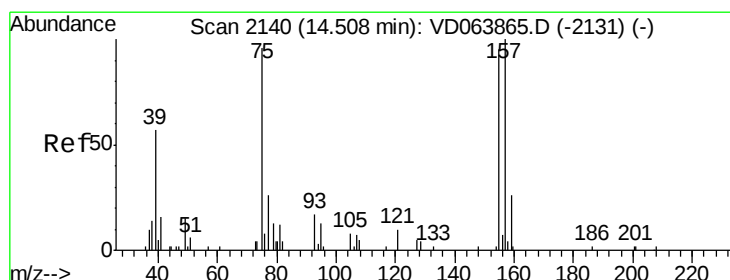
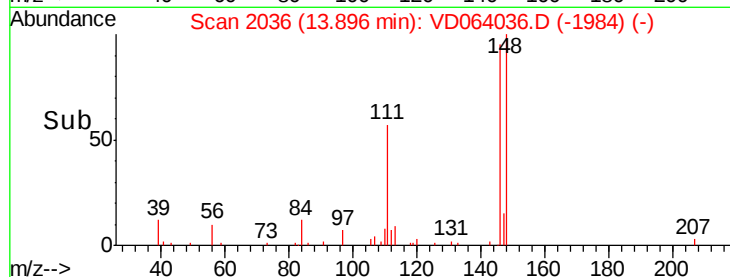
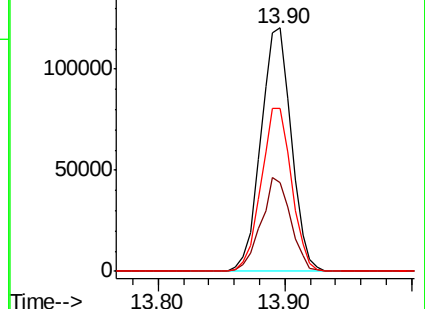
148 67.4 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.455 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.01 min

Lab File: VD064036.D

Acq: 23 Oct 2019 22:25

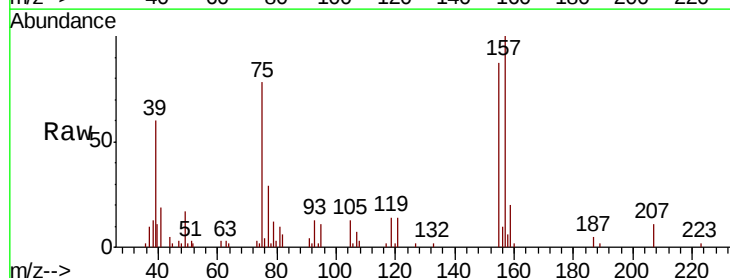
Tgt Ion: 75 Resp: 12445

Ion Ratio Lower Upper

75 100

155 108.0 43.9 131.6

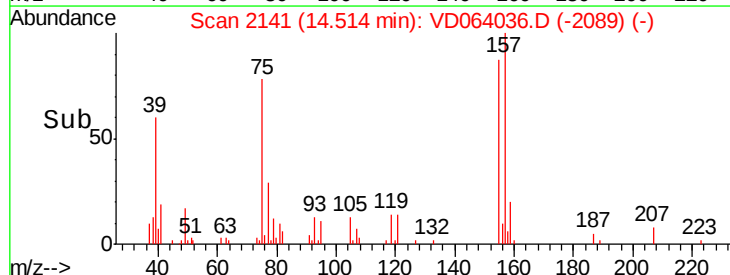
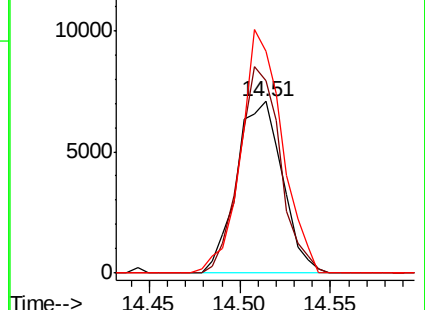
157 126.8 56.0 167.9

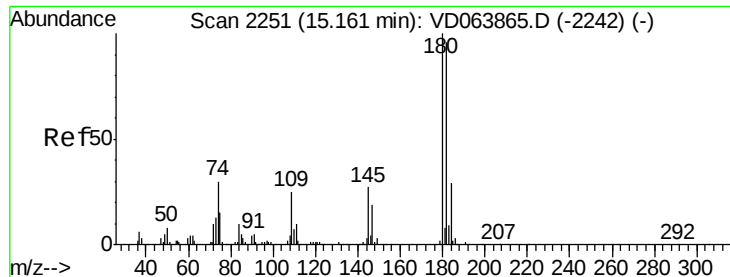


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

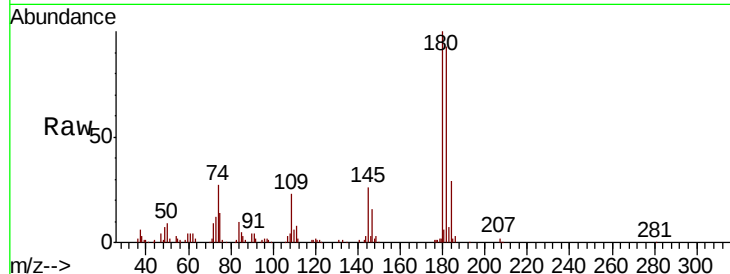




#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.680 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 47.4  | 142.3 |
| 145     | 27.7  | 13.9  | 41.7  |

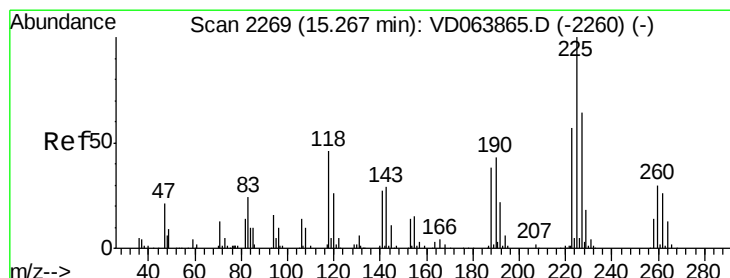
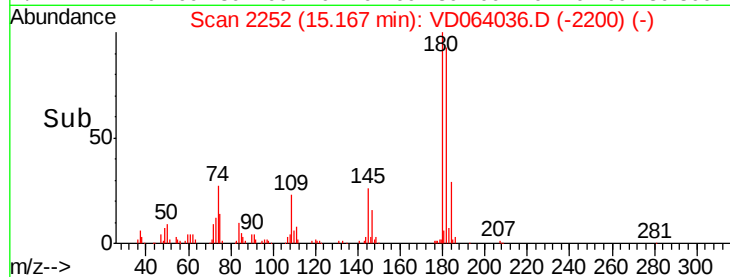
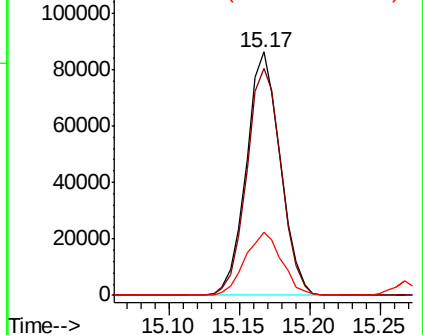


Abundance

Ion 179.80 (179.50 to 180.50): V

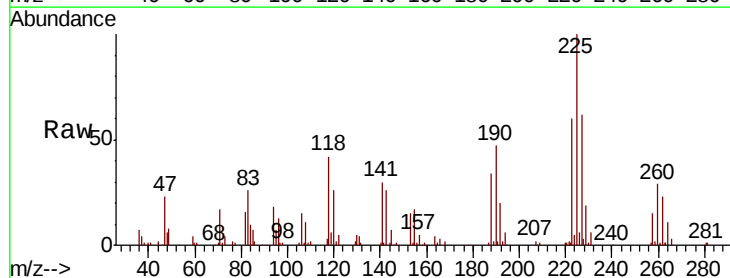
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 49.733 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.01 min  
 Lab File: VD064036.D  
 Acq: 23 Oct 2019 22:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.3  | 29.5  | 88.6  |
| 227     | 61.3  | 30.8  | 92.4  |

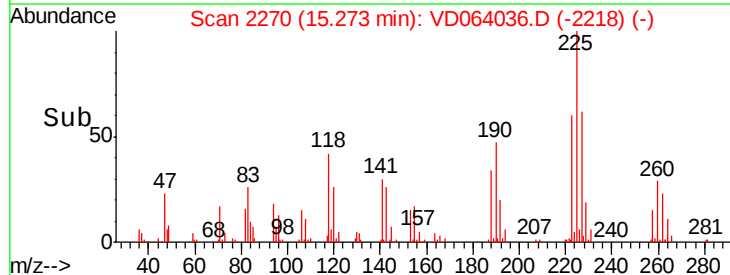
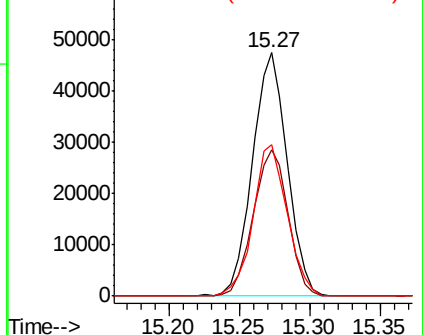


Abundance

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

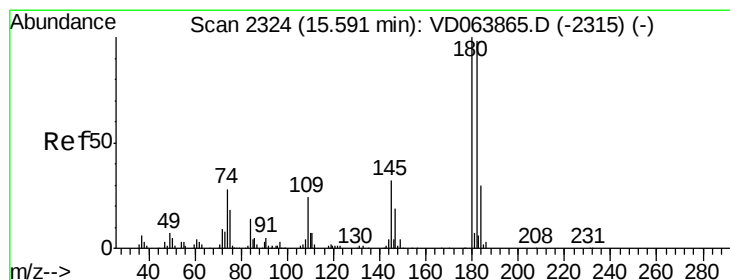
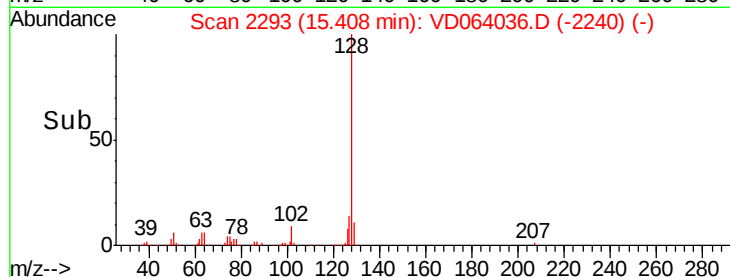
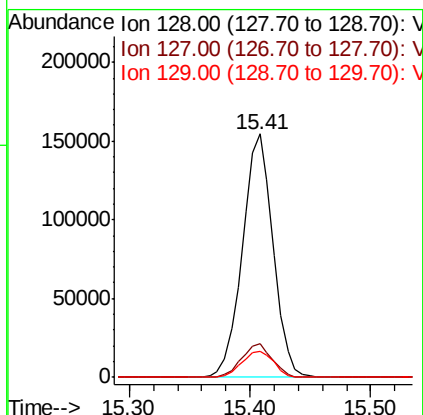
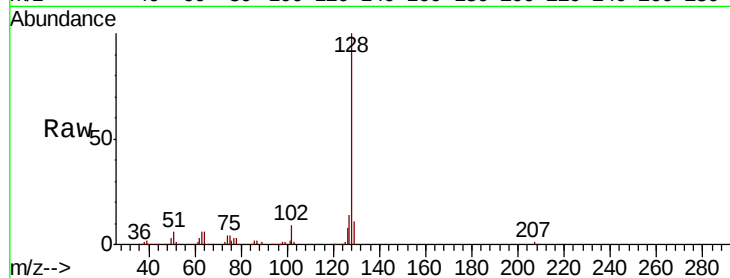




#95  
Naphthalene  
Concen: 54.447 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:128 Resp: 273412  
Ion Ratio Lower Upper  
128 100  
127 13.9 10.6 16.0  
129 11.1 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 51.904 ug/l  
RT: 15.60 min Scan# 2325  
Delta R.T. 0.01 min  
Lab File: VD064036.D  
Acq: 23 Oct 2019 22:25

Tgt Ion:180 Resp: 133796  
Ion Ratio Lower Upper  
180 100  
182 94.4 47.0 141.0  
145 29.7 15.3 45.9

