

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\  
 Data File : VD064019.D  
 Acq On : 23 Oct 2019 14:26  
 Operator : VA/SY  
 Sample : VD1023SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 24 05:56:53 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  | 163881   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 253125   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 248431   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 137628   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.33  | 65   | 79940    | 50.10 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.20% |          |
| 35) Dibromofluoromethane    | 7.92  | 113  | 85777    | 55.45 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 110.90% |          |
| 50) Toluene-d8              | 10.34 | 98   | 341708   | 54.42 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.84% |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 114880   | 52.65 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.30% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85   | 20956    | 18.031  | ug/l # | 70     |
| 3) Chloromethane              | 2.21 | 50   | 71120    | 20.028  | ug/l   | 94     |
| 4) Vinyl Chloride             | 2.35 | 62   | 87837    | 23.384  | ug/l   | 98     |
| 5) Bromomethane               | 2.76 | 94   | 53988    | 22.356  | ug/l   | 98     |
| 6) Chloroethane               | 2.91 | 64   | 55457    | 22.324  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 3.27 | 101  | 119791   | 24.121  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.70 | 74   | 17352    | 21.768  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.08 | 101  | 29408    | 21.392  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.29 | 142  | 31975    | 16.880  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 5.24 | 59   | 8956     | 75.191  | ug/l # | 71     |
| 12) 1,1-Dichloroethene        | 4.05 | 96   | 27712    | 20.177  | ug/l # | 78     |
| 13) Acrolein                  | 3.91 | 56   | 11823    | 82.968  | ug/l # | 17     |
| 14) Allyl chloride            | 4.71 | 41   | 46582    | 20.400  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.43 | 53   | 38005    | 108.140 | ug/l   | 99     |
| 16) Acetone                   | 4.17 | 43   | 40335    | 97.100  | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.40 | 76   | 87780    | 17.582  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.71 | 43   | 18526    | 22.802  | ug/l # | 88     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73   | 67390    | 18.948  | ug/l # | 87     |
| 20) Methylene Chloride        | 4.96 | 84   | 39072    | 19.353  | ug/l   | 86     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96   | 35179    | 20.575  | ug/l # | 84     |
| 22) Diisopropyl ether         | 6.37 | 45   | 97585    | 20.925  | ug/l # | 91     |
| 23) Vinyl Acetate             | 6.31 | 43   | 286367   | 103.222 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 6.27 | 63   | 59497    | 20.712  | ug/l   | 96     |
| 25) 2-Butanone                | 7.23 | 43   | 48918    | 99.368  | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 7.21 | 77   | 52557    | 20.226  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96   | 40772    | 21.068  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.55 | 49   | 20428    | 19.872  | ug/l   | 95     |
| 29) Tetrahydrofuran           | 7.57 | 42   | 29653    | 103.198 | ug/l   | 96     |
| 30) Chloroform                | 7.71 | 83   | 65586    | 21.022  | ug/l   | 90     |
| 31) Cyclohexane               | 7.98 | 56   | 59300    | 22.797  | ug/l # | 96     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97   | 61482    | 22.973  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 8.11 | 75   | 52256    | 22.579  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.30 | 43   | 20094    | 19.195  | ug/l # | 90     |
| 38) Carbon Tetrachloride      | 8.10 | 117  | 51228    | 21.904  | ug/l # | 82     |

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 24 05:56:53 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) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 64461    | 22.652  | ug/l   | 87       |
| 40) Benzene                    | 8.35  | 78   | 148634   | 22.410  | ug/l   | 93       |
| 41) Methacrylonitrile          | 7.53  | 41   | 10213    | 19.033  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 40326    | 21.019  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 38903    | 20.044  | ug/l   | 98       |
| 44) Trichloroethene            | 9.11  | 130  | 41990    | 21.955  | ug/l   | 85       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 35977    | 22.162  | ug/l   | 97       |
| 46) Dibromomethane             | 9.48  | 93   | 20147    | 21.792  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.67  | 83   | 51629    | 21.690  | ug/l # | 94       |
| 48) Methyl methacrylate        | 9.46  | 41   | 17916    | 19.265  | ug/l   | 88       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 4604     | 364.826 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone       | 10.24 | 43   | 103712   | 103.031 | ug/l   | 99       |
| 52) Toluene                    | 10.40 | 92   | 98922    | 21.727  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 49526    | 21.322  | ug/l   | 90       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 58447    | 21.860  | ug/l # | 85       |
| 55) 1,1,2-Trichloroethane      | 10.81 | 97   | 30440    | 23.319  | ug/l   | 92       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 33883    | 20.497  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 48293    | 21.622  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 70573    | 99.320  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 75285    | 103.392 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.14 | 129  | 36229    | 21.318  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 28823    | 22.775  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.88 | 164  | 37367    | 22.033  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.67 | 112  | 112804   | 22.610  | ug/l   | 92       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 41250    | 22.438  | ug/l   | 94       |
| 67) Ethyl Benzene              | 11.75 | 91   | 200902   | 22.331  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 156336   | 45.022  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 73431    | 22.084  | ug/l   | 99       |
| 70) Styrene                    | 12.20 | 104  | 125097   | 22.225  | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 22061    | 22.360  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 202574   | 21.895  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.29 | 43   | 39388    | 19.773  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 36305    | 22.550  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 44144    | 47.889  | ug/l # | 100      |
| 77) Bromobenzene               | 12.76 | 156  | 49466    | 21.460  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.83 | 91   | 241257   | 22.215  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 130101   | 21.726  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 169364   | 21.942  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 10465    | 20.090  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 135409   | 21.317  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 150630   | 21.927  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 169713   | 21.327  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.41 | 105  | 210231   | 22.661  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 192560   | 21.935  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 98445    | 21.614  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 100003   | 22.256  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.85 | 91   | 182912   | 22.385  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 34175    | 21.645  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 87314    | 22.245  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 5499     | 20.535  | ug/l   | 94       |

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Sample : VD1023SBS01  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

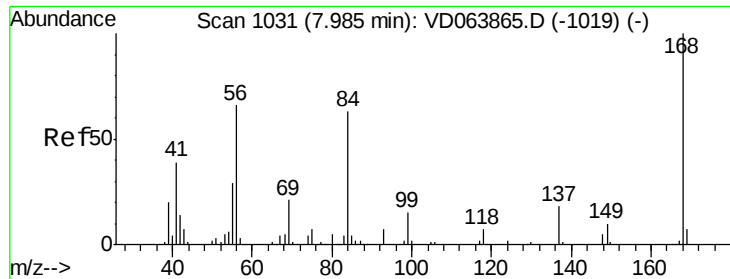
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Oct 24 05:56:53 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) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 59125    | 19.522 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 35138    | 21.025 | ug/l  | 96       |
| 95) Naphthalene            | 15.41 | 128  | 102624   | 20.160 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 55082    | 21.080 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

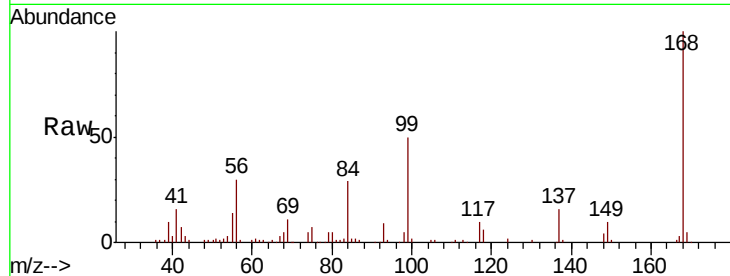
ClientSampled :

Tot Ion:168 Resp: 163881

Ion Ratio Lower Upper

168 100

99 49.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

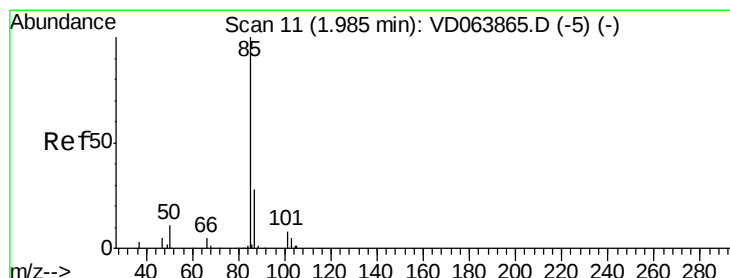
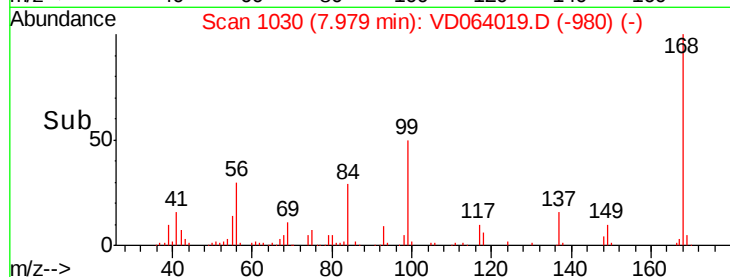
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.031 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD064019.D

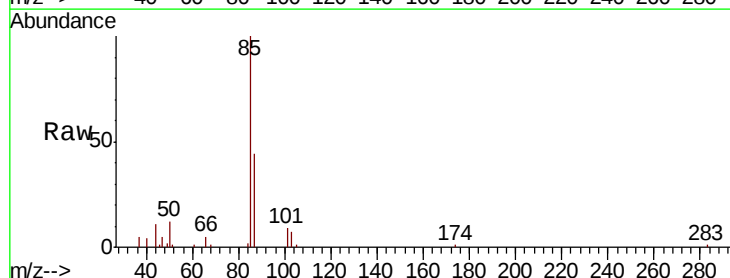
Acq: 23 Oct 2019 14:26

Tgt Ion: 85 Resp: 20956

Ion Ratio Lower Upper

85 100

87 43.9 14.0 42.0#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

15000

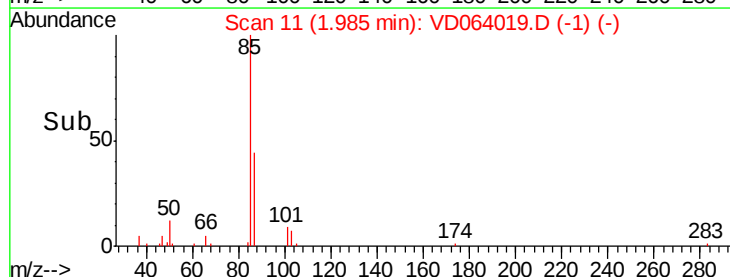
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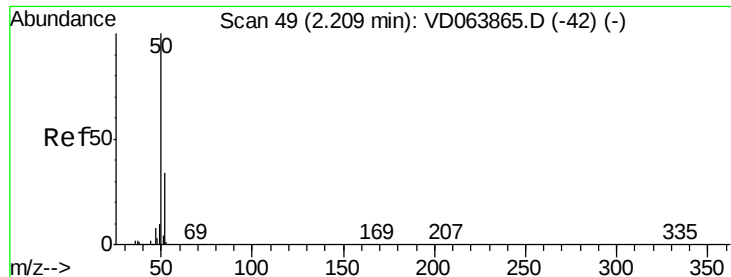
5000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.028 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

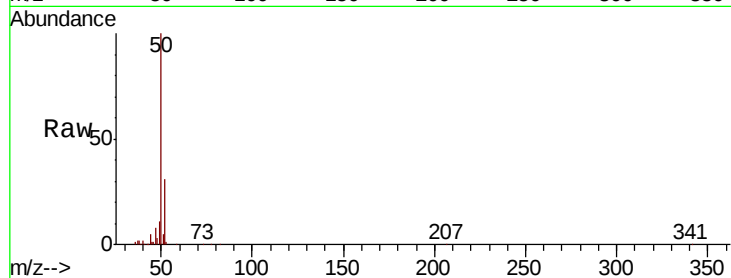
ClientSampleId :

Tot Ion: 50 Resp: 71120

Ion Ratio Lower Upper

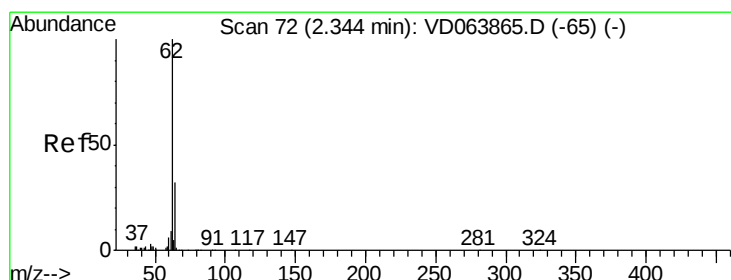
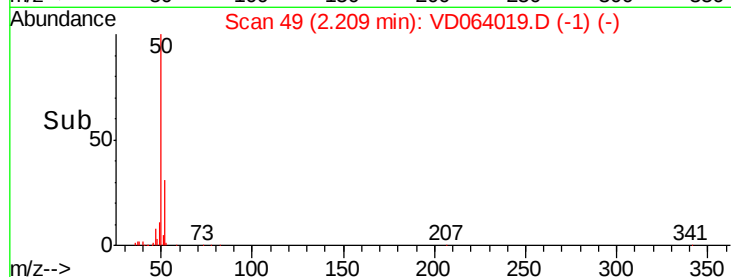
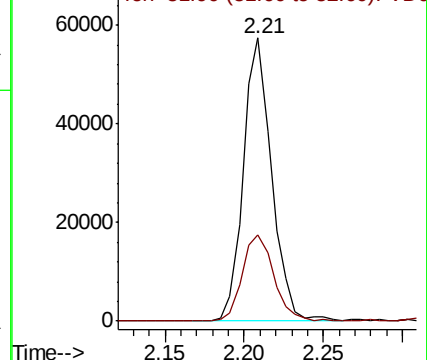
50 100

52 30.7 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 23.384 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD064019.D

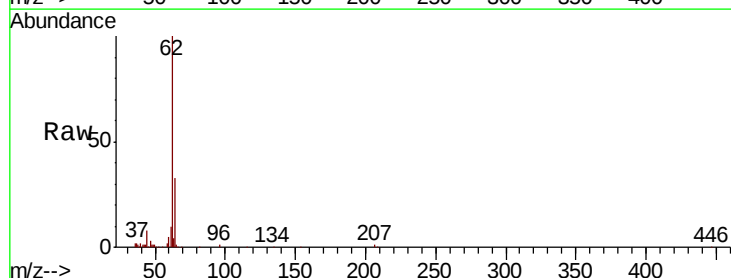
Acq: 23 Oct 2019 14:26

Tgt Ion: 62 Resp: 87837

Ion Ratio Lower Upper

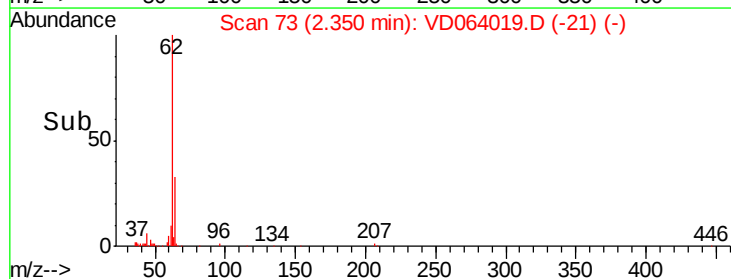
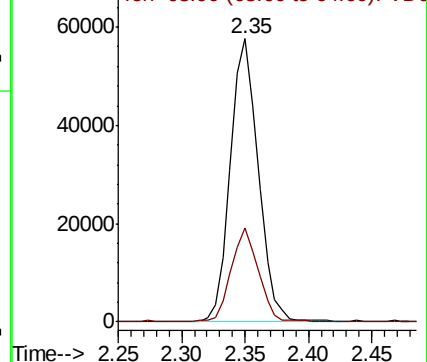
62 100

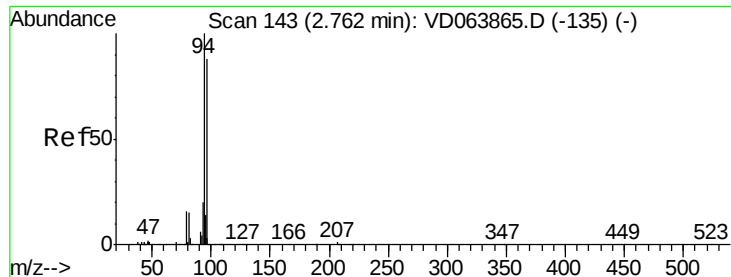
64 33.0 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 22.356 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

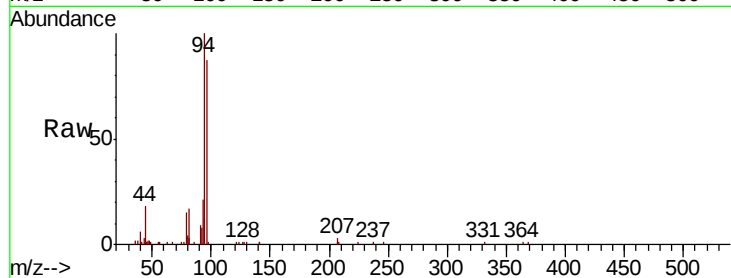
ClientSampled :

Tot Ion: 94 Resp: 53988

Ion Ratio Lower Upper

94 100

96 86.7 70.8 106.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

25000

20000

15000

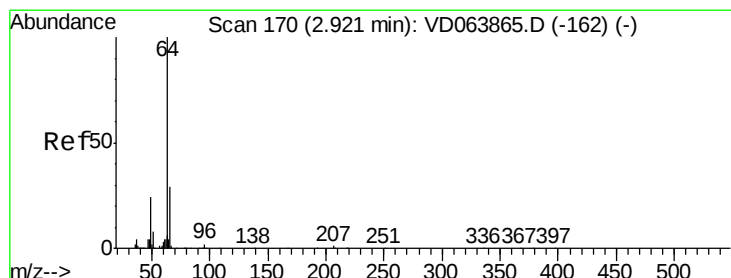
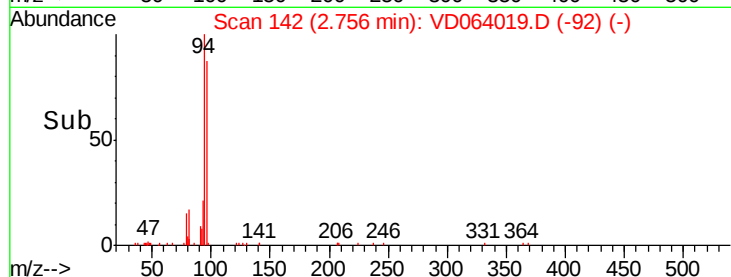
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5000

0

Time-->

2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 22.324 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD064019.D

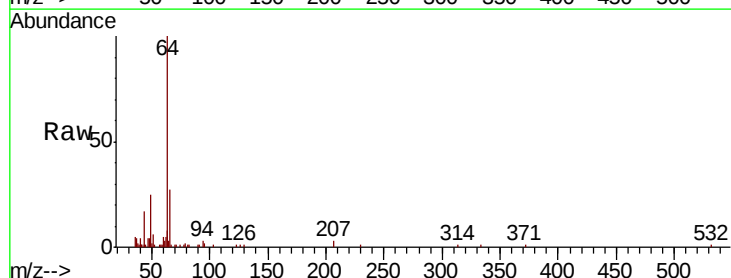
Acq: 23 Oct 2019 14:26

Tgt Ion: 64 Resp: 55457

Ion Ratio Lower Upper

64 100

66 26.6 23.0 34.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.91

30000

25000

20000

15000

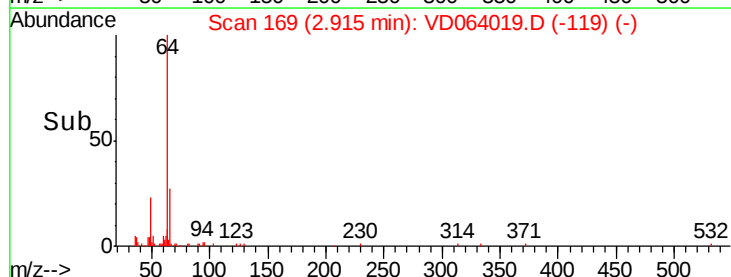
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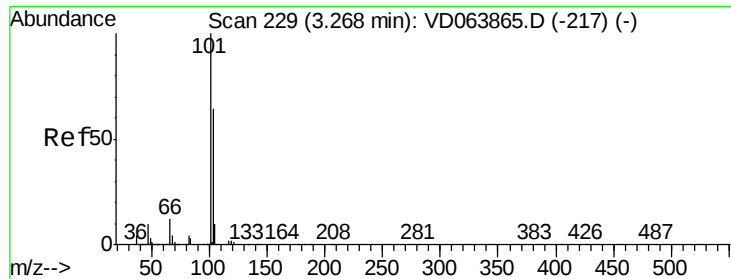
5000

0

Time-->

2.85 2.90 2.95 3.00



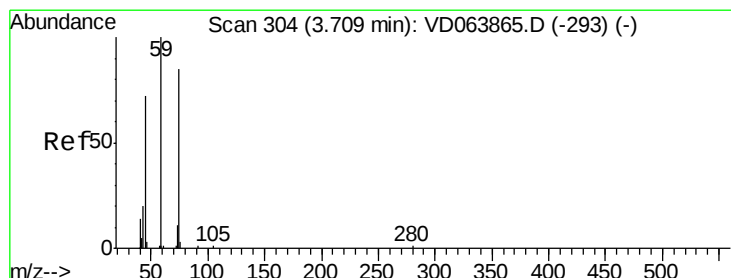
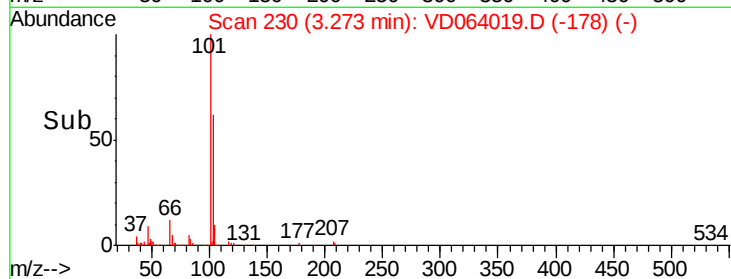
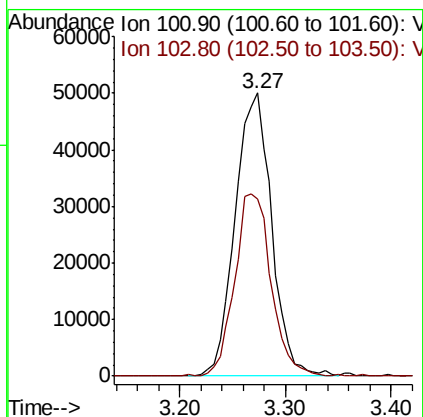
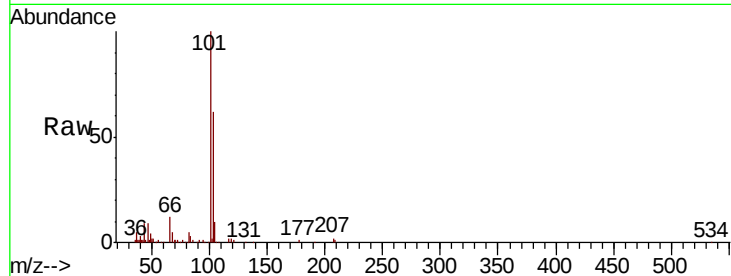


#7

Trichlorofluoromethane  
 Concen: 24.121 ug/l  
 RT: 3.27 min Scan# 230  
 Delta R.T. 0.01 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Instrument :  
 MSVOA\_D  
 ClientSampled :

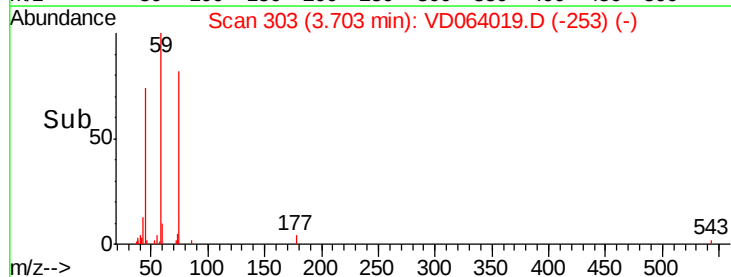
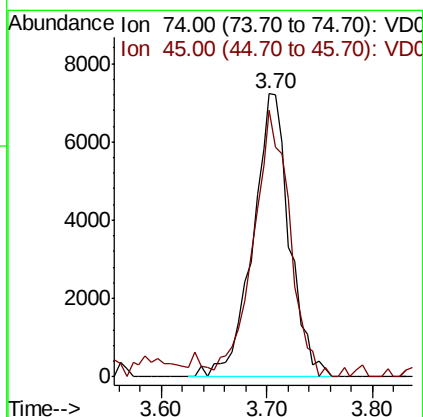
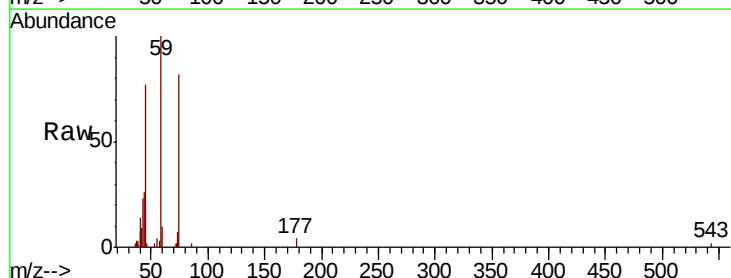
Tot Ion:101 Resp: 119791  
 Ion Ratio Lower Upper  
 101 100  
 103 62.0 51.1 76.7

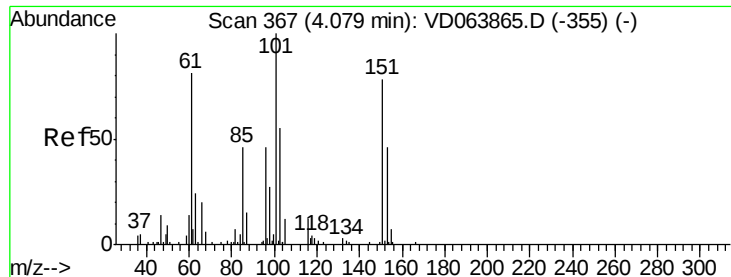


#8

Diethyl Ether  
 Concen: 21.768 ug/l  
 RT: 3.70 min Scan# 303  
 Delta R.T. -0.01 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Tgt Ion: 74 Resp: 17352  
 Ion Ratio Lower Upper  
 74 100  
 45 93.8 48.1 144.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.392 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.00 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

ClientSampled :

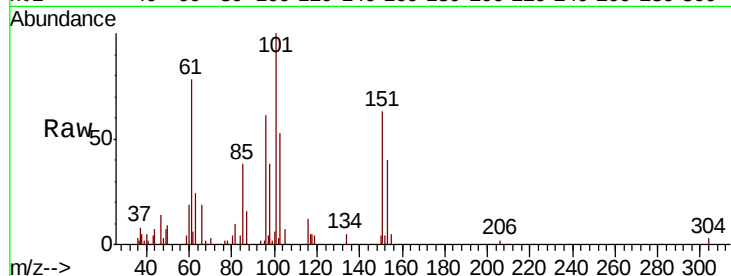
Tot Ion:101 Resp: 29408

Ion Ratio Lower Upper

101 100

85 47.3 37.5 56.3

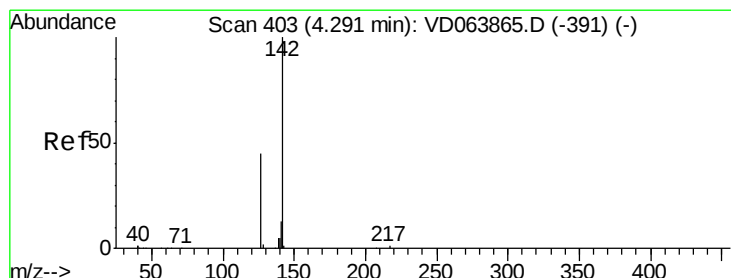
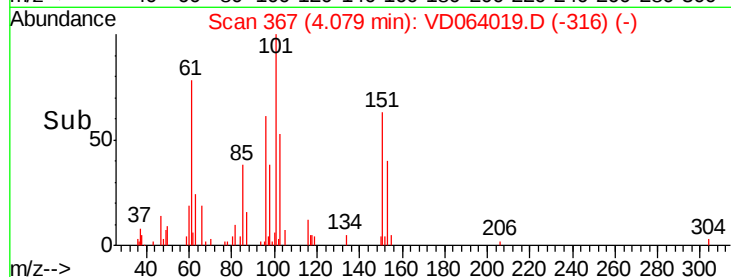
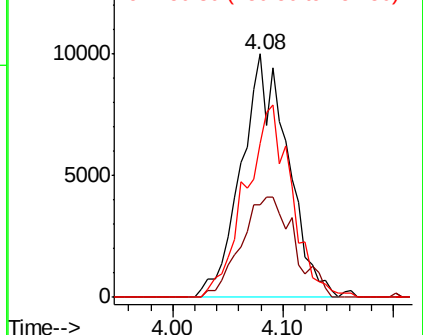
151 78.7 65.5 98.3



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: 16.880 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

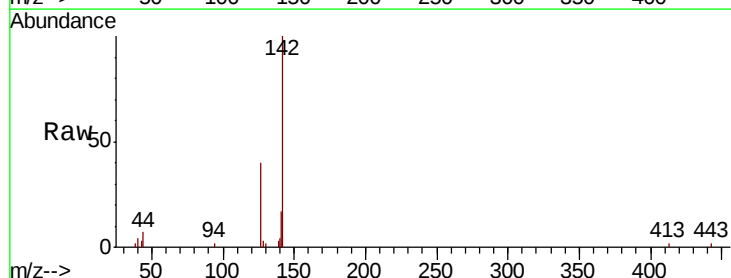
Tgt Ion:142 Resp: 31975

Ion Ratio Lower Upper

142 100

127 44.0 35.3 52.9

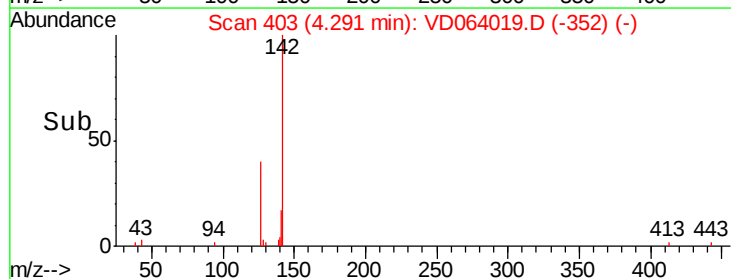
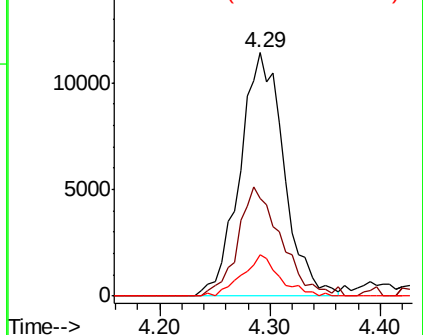
141 14.6 12.2 18.2

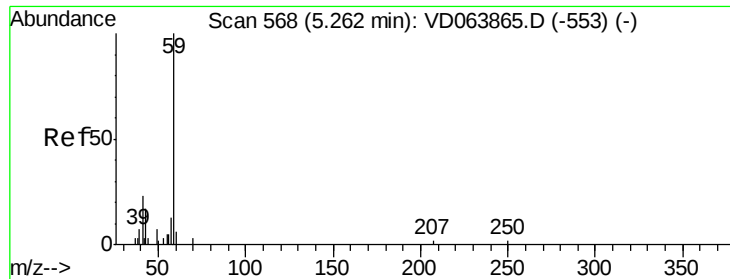


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



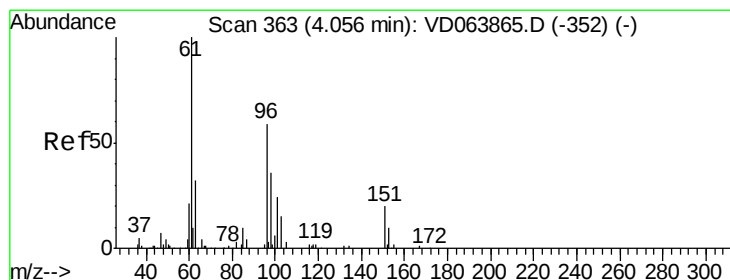
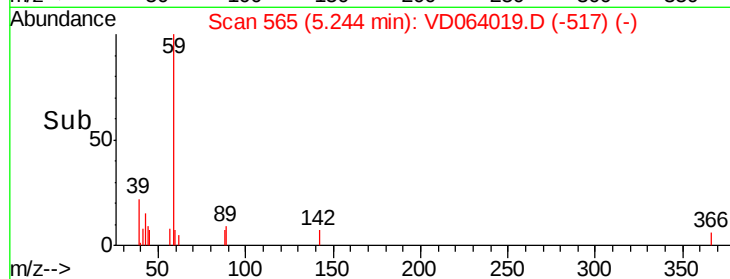
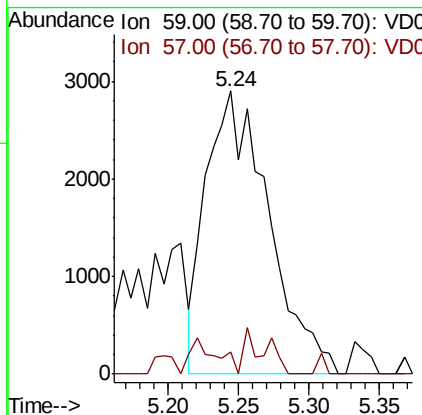
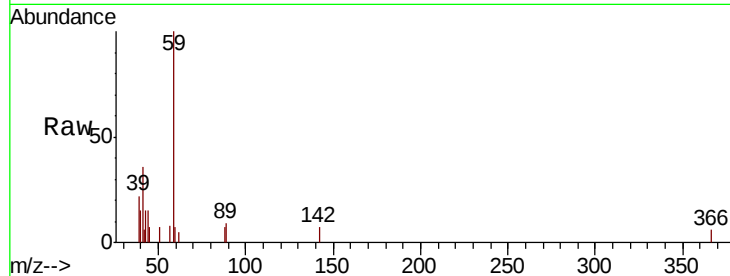


#11

Tert butyl alcohol  
 Concen: 75.191 ug/l  
 RT: 5.24 min Scan# 565  
 Delta R.T. -0.02 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Instrument :  
 MSVOA\_D  
 ClientSampleId :

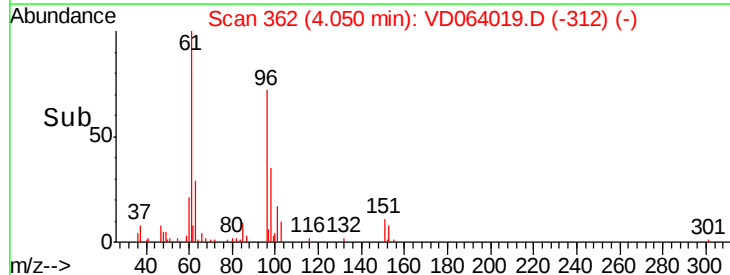
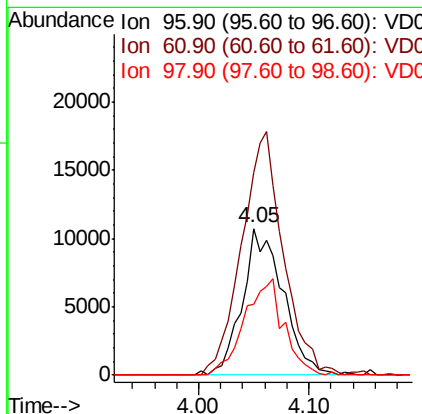
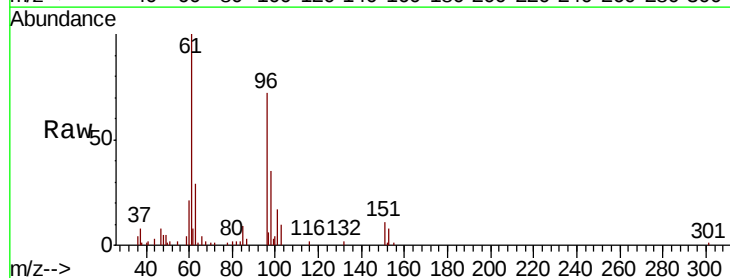
Tot Ion: 59 Resp: 8956  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.8 13.2#

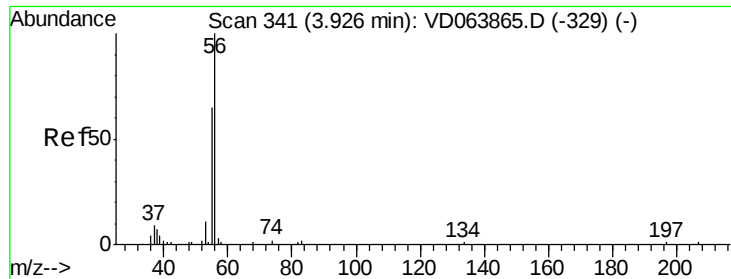


#12

1,1-Dichloroethene  
 Concen: 20.177 ug/l  
 RT: 4.05 min Scan# 362  
 Delta R.T. -0.01 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Tgt Ion: 96 Resp: 27712  
 Ion Ratio Lower Upper  
 96 100  
 61 138.0 135.6 203.4  
 98 47.8 49.2 73.8#





#13

Acrolein

Concen: 82.968 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

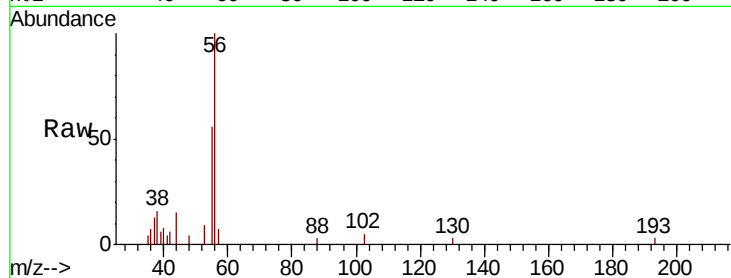
ClientSampled :

Tot Ion: 56 Resp: 11823

Ion Ratio Lower Upper

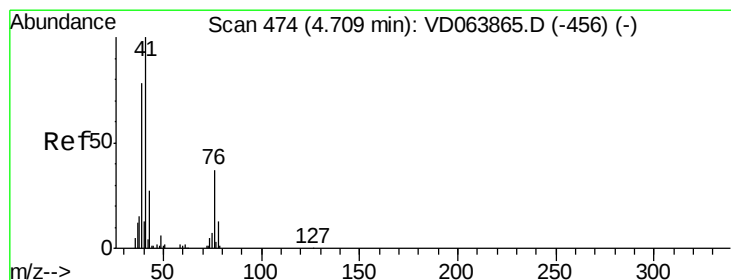
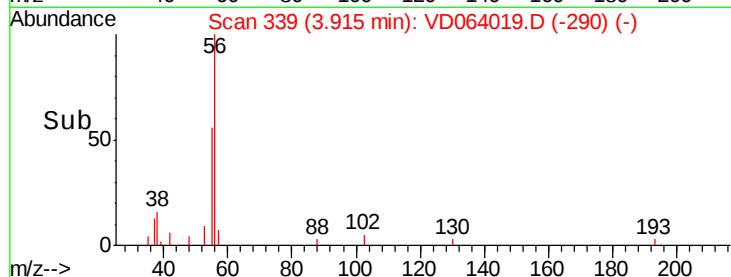
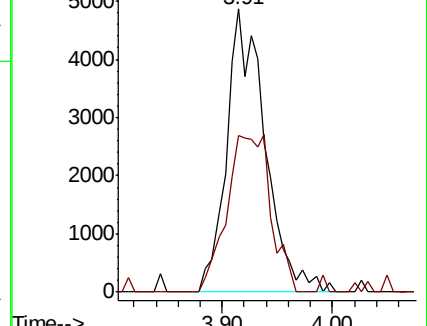
56 100

55 0.0 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: 20.400 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

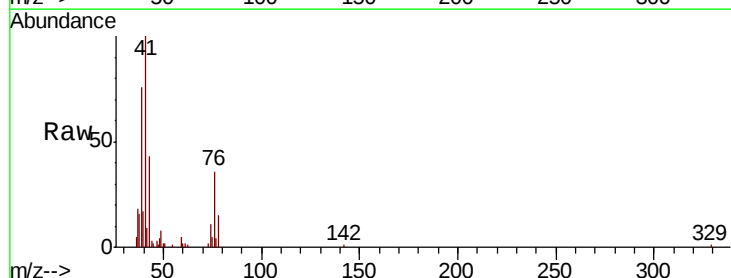
Tgt Ion: 41 Resp: 46582

Ion Ratio Lower Upper

41 100

39 78.8 61.8 92.6

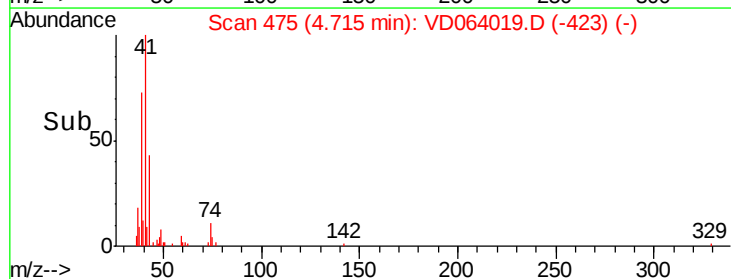
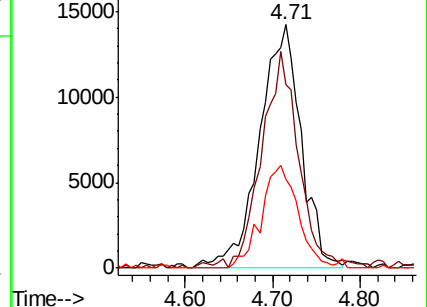
76 37.3 31.3 46.9

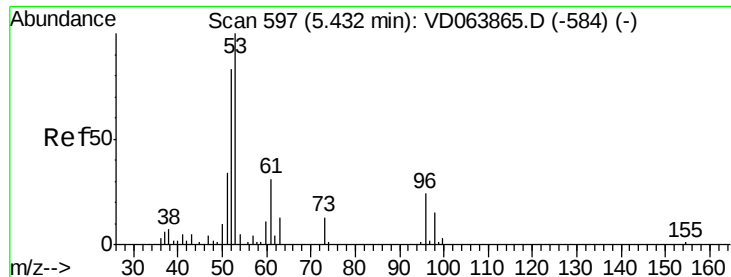


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 108.140 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

ClientSampleId :

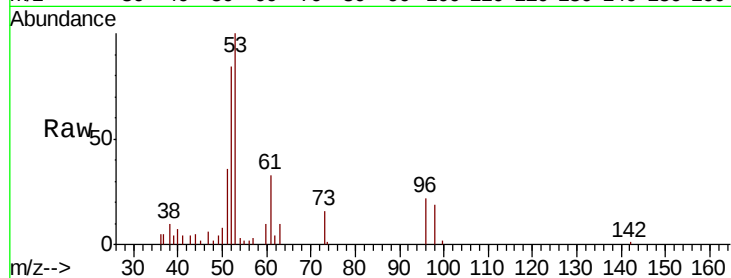
Tot Ion: 53 Resp: 38005

Ion Ratio Lower Upper

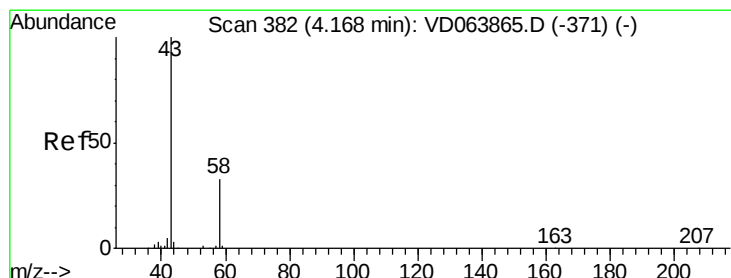
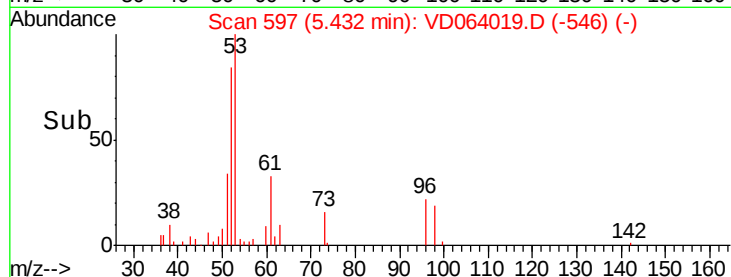
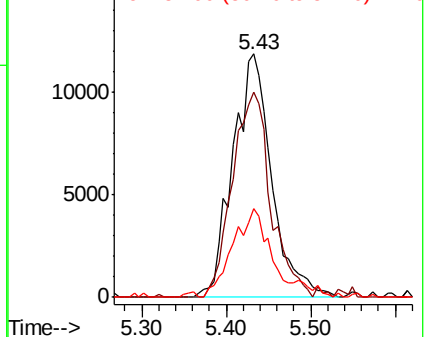
53 100

52 82.8 67.3 100.9

51 37.9 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: 97.100 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064019.D

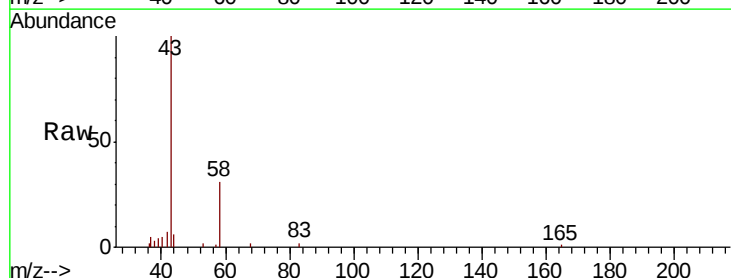
Acq: 23 Oct 2019 14:26

Tgt Ion: 43 Resp: 40335

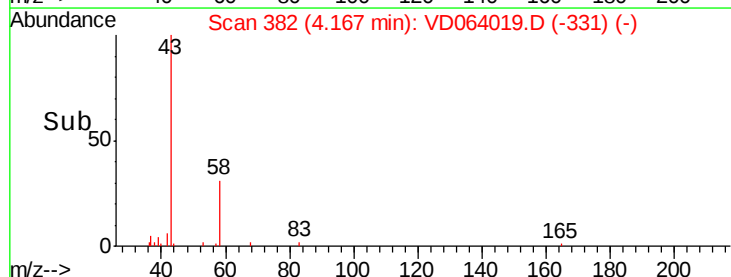
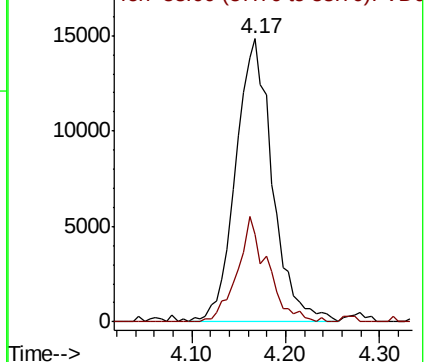
Ion Ratio Lower Upper

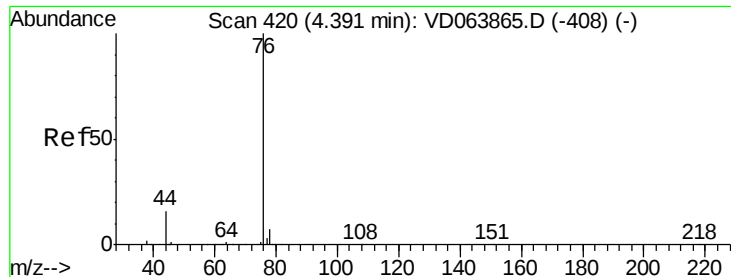
43 100

58 31.1 26.2 39.4



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

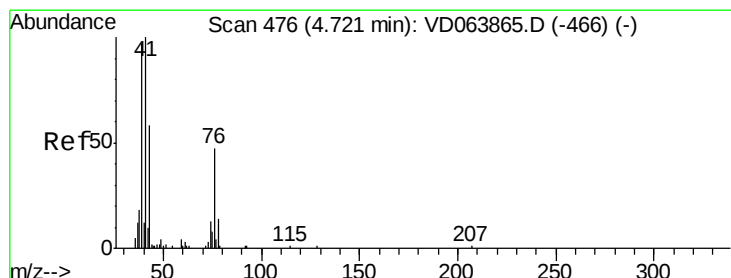
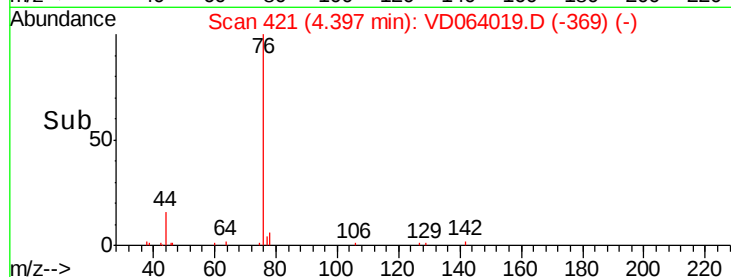
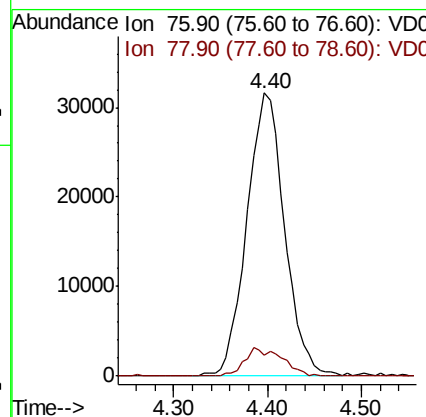
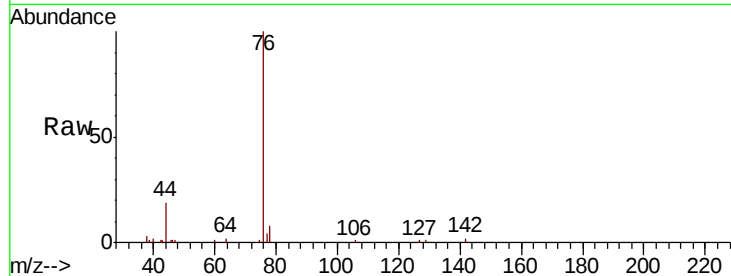




#17  
Carbon Disulfide  
Concen: 17.582 ug/l  
RT: 4.40 min Scan# 421  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

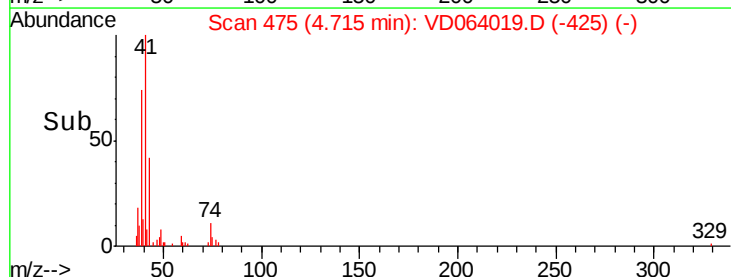
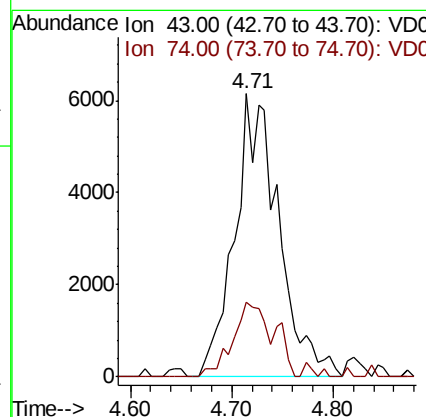
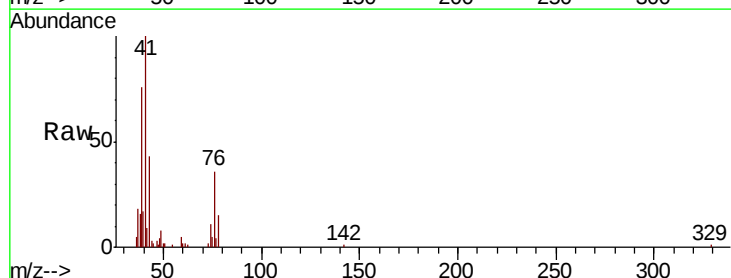
Instrument :  
MSVOA\_D  
ClientSampleId :

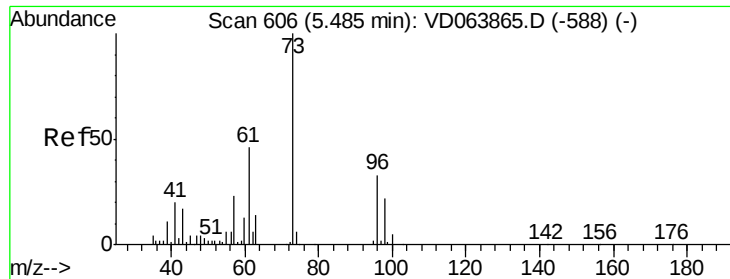
Tot Ion: 76 Resp: 87780  
Ion Ratio Lower Upper  
76 100  
78 7.6 5.8 8.8



#18  
Methyl Acetate  
Concen: 22.802 ug/l  
RT: 4.71 min Scan# 475  
Delta R.T. -0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Tgt Ion: 43 Resp: 18526  
Ion Ratio Lower Upper  
43 100  
74 19.7 20.8 31.2#



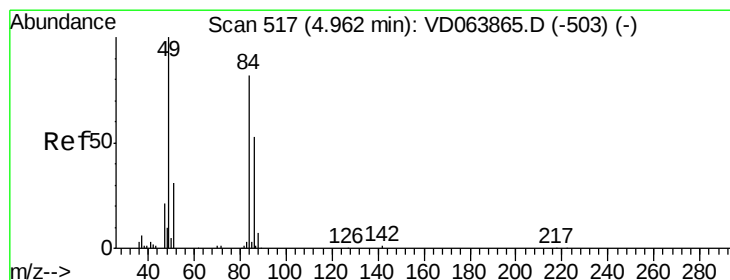
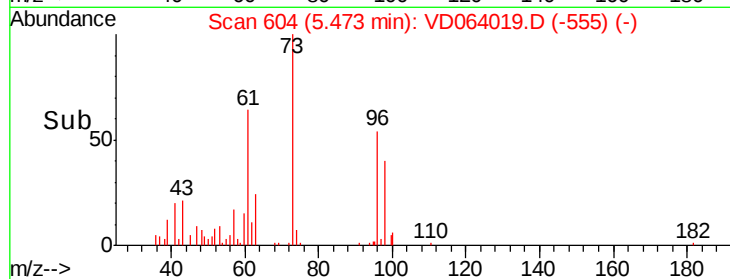
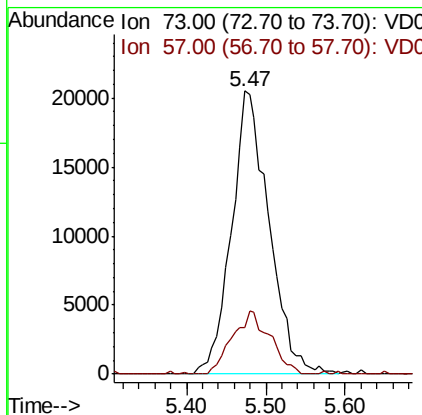
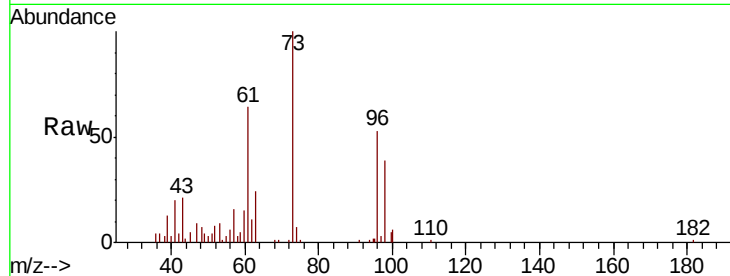


#19

Methyl tert-butyl Ether  
 Concen: 18.948 ug/l  
 RT: 5.47 min Scan# 604  
 Delta R.T. -0.01 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Instrument :  
 MSVOA\_D  
 ClientSampleId :

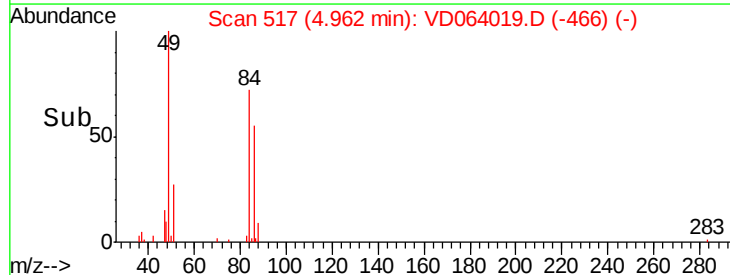
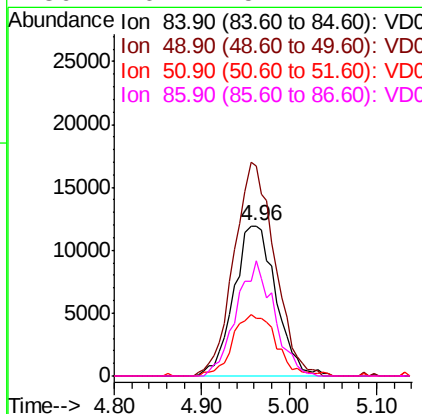
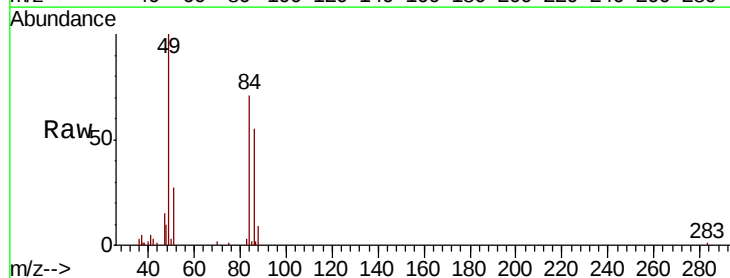
Tot Ion: 73 Resp: 67390  
 Ion Ratio Lower Upper  
 73 100  
 57 16.5 18.1 27.1#

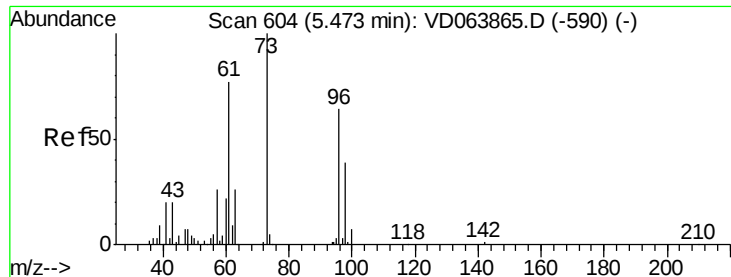


#20

Methylene Chloride  
 Concen: 19.353 ug/l  
 RT: 4.96 min Scan# 517  
 Delta R.T. 0.00 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Tgt Ion: 84 Resp: 39072  
 Ion Ratio Lower Upper  
 84 100  
 49 140.3 97.3 145.9  
 51 38.0 30.1 45.1  
 86 76.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.575 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

ClientSampleId :

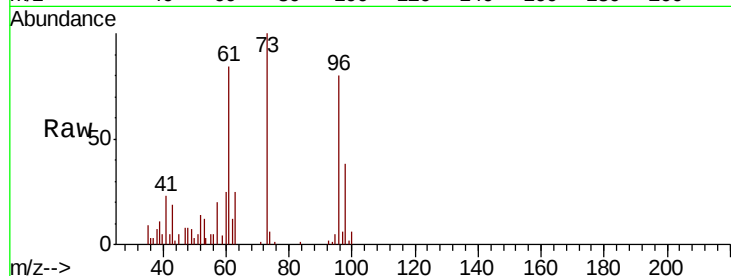
Tot Ion: 96 Resp: 35179

Ion Ratio Lower Upper

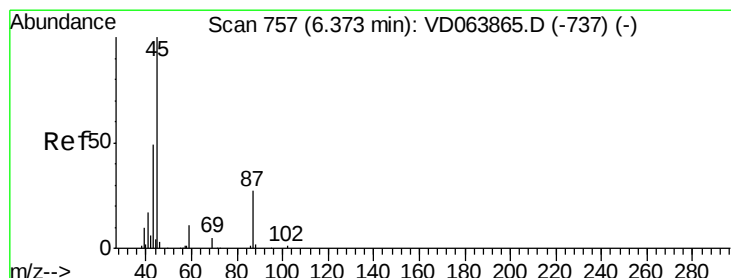
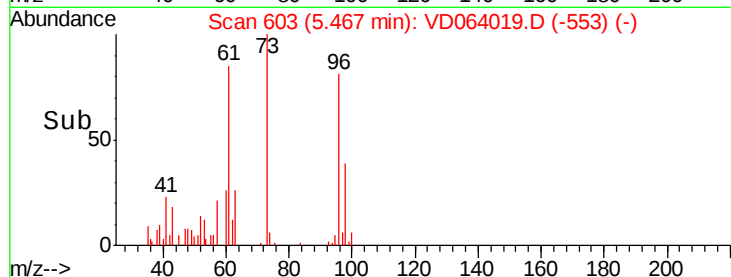
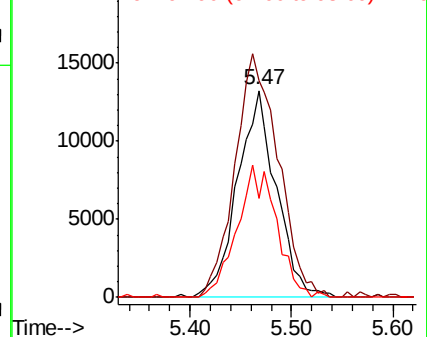
96 100

61 104.6 96.6 145.0

98 47.6 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: 20.925 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Tgt Ion: 45 Resp: 97585

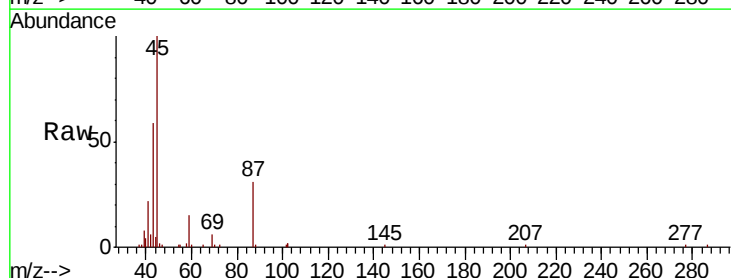
Ion Ratio Lower Upper

45 100

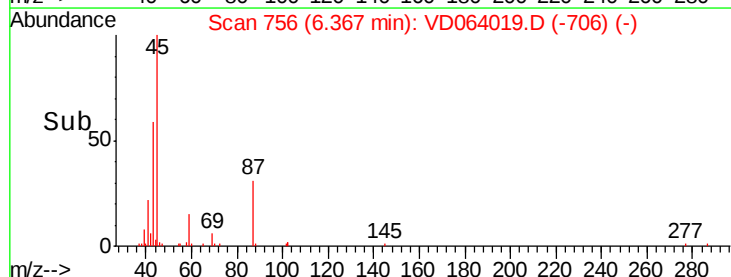
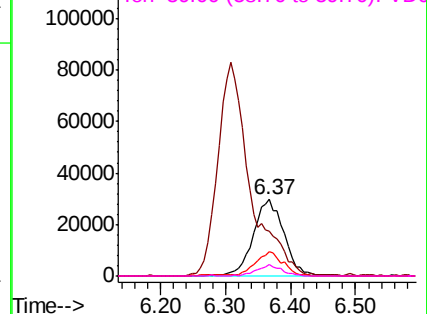
43 58.7 41.2 61.8

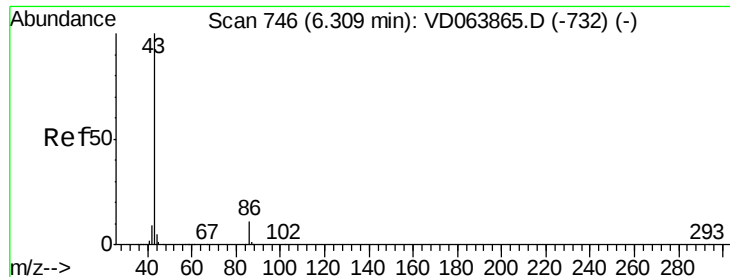
87 31.4 22.2 33.4

59 14.5 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: 103.222 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

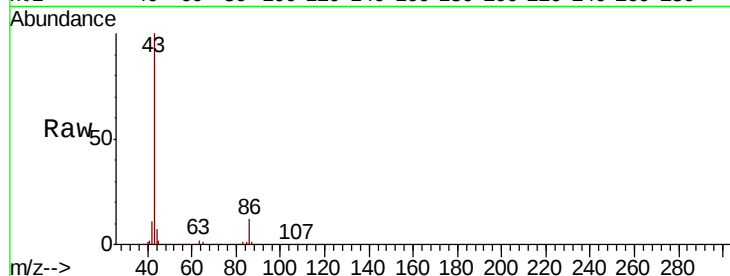
ClientSampleId :

Tot Ion: 43 Resp: 286367

Ion Ratio Lower Upper

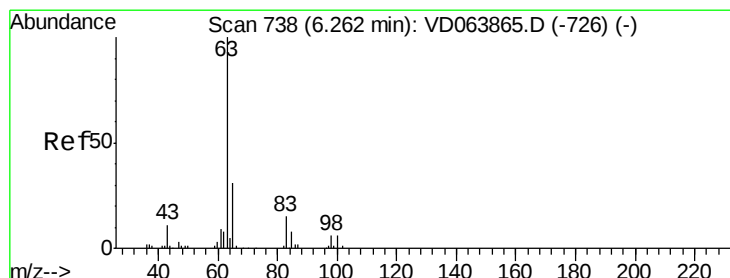
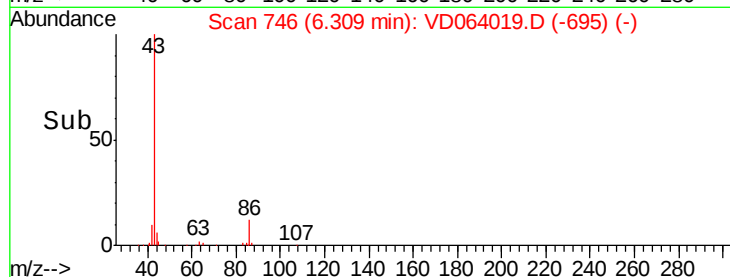
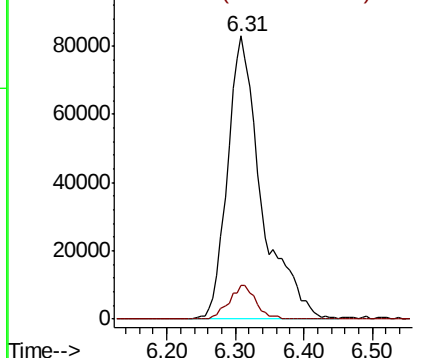
43 100

86 12.0 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: 20.712 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

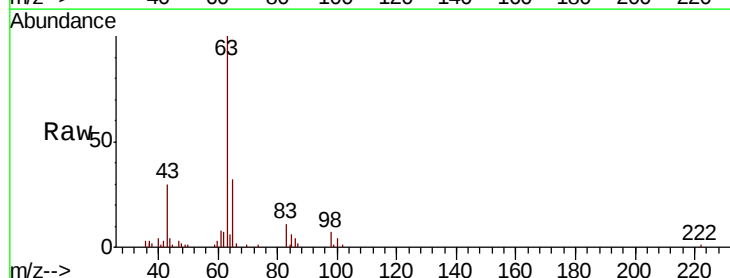
Tgt Ion: 63 Resp: 59497

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

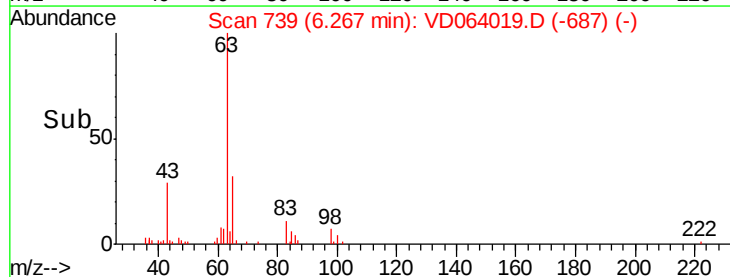
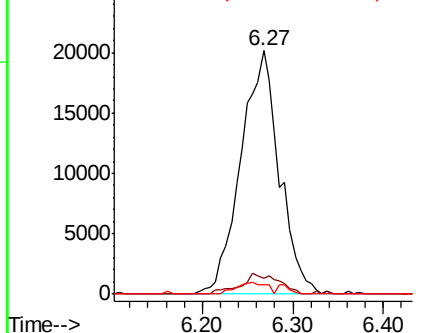
100 4.1 3.0 9.2

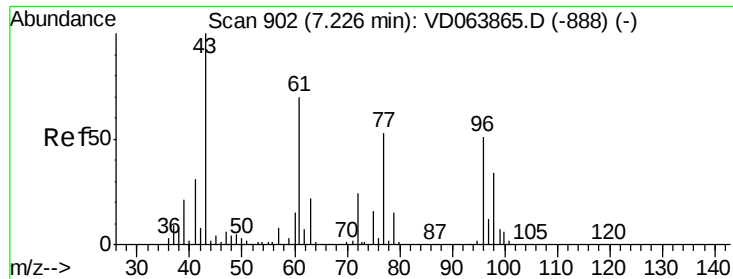


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 99.368 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

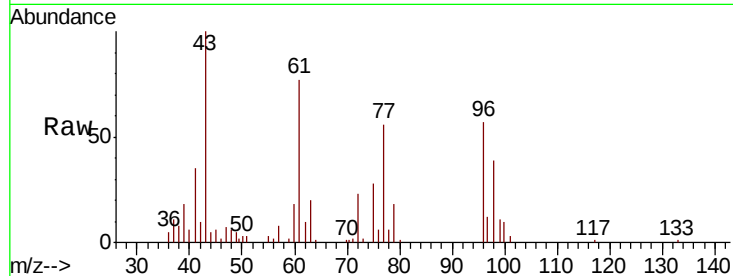
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 48918

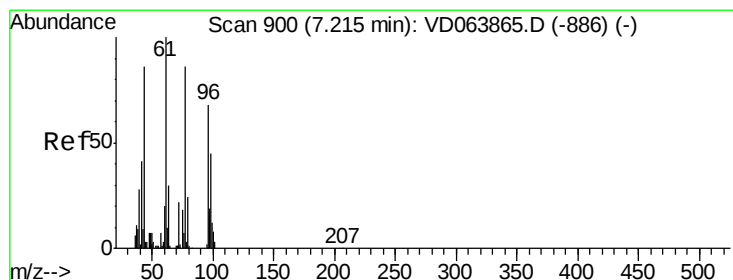
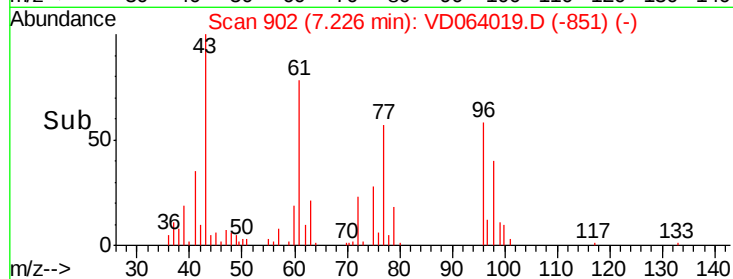
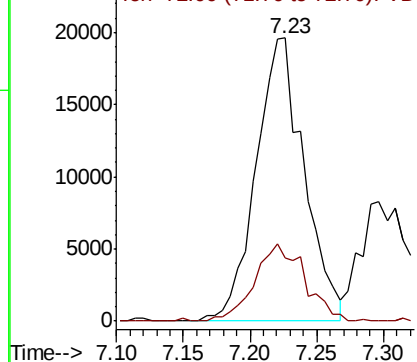
Ion Ratio Lower Upper

43 100

72 22.8 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: 20.226 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064019.D

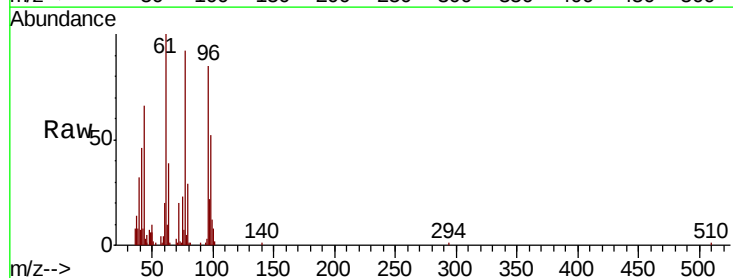
Acq: 23 Oct 2019 14:26

Tgt Ion: 77 Resp: 52557

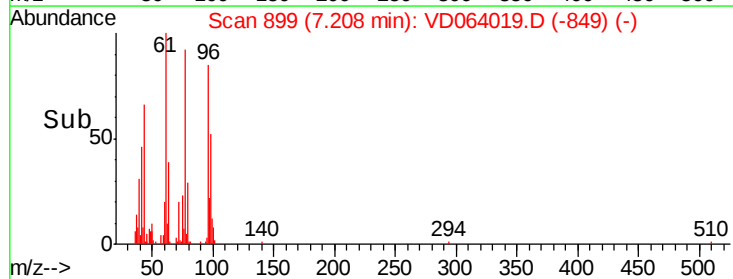
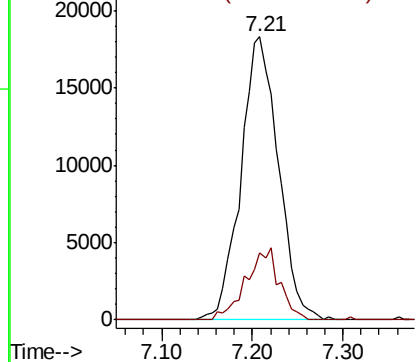
Ion Ratio Lower Upper

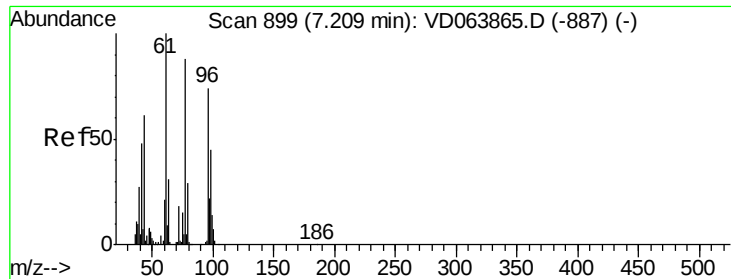
77 100

97 22.6 11.4 34.1



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



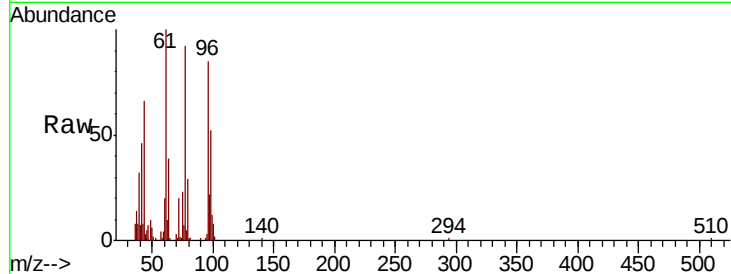


#27

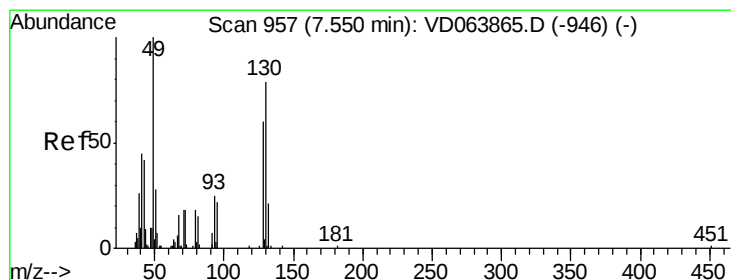
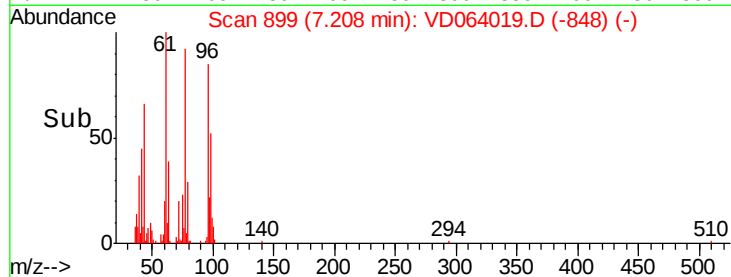
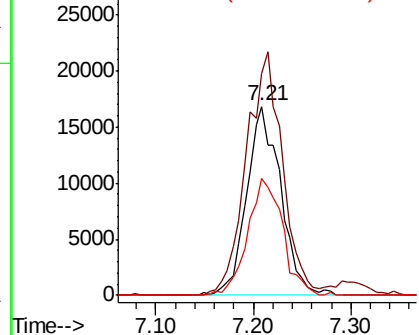
cis-1,2-Dichloroethene  
 Concen: 21.068 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. -0.00 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 96 Resp: 40772  
 Ion Ratio Lower Upper  
 96 100  
 61 136.6 0.0 280.0  
 98 64.0 0.0 130.4



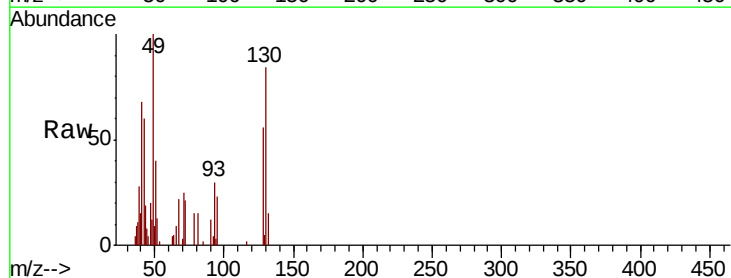
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.90 (60.60 to 61.60): VDC  
 Ion 97.90 (97.60 to 98.60): VDC



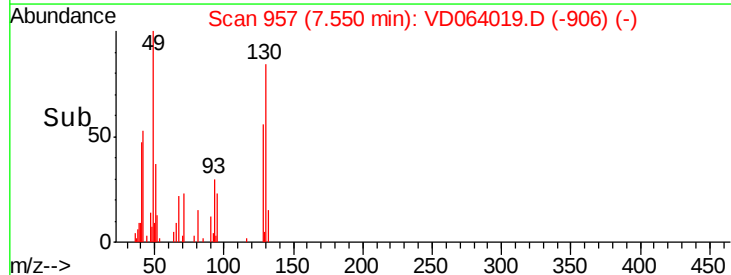
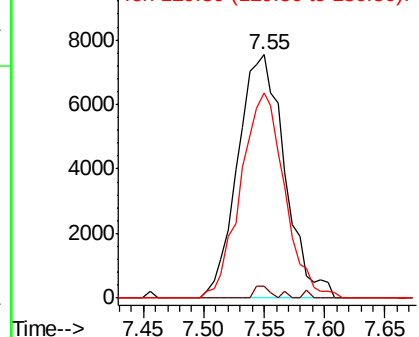
#28

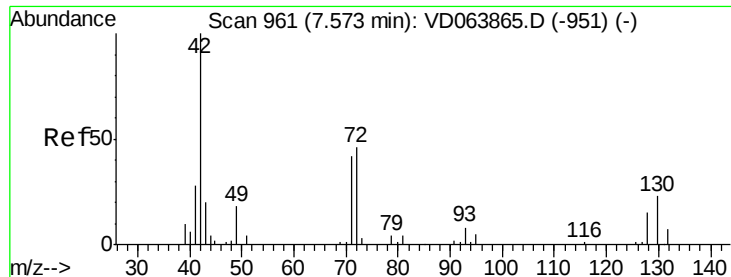
Bromochloromethane  
 Concen: 19.872 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. 0.00 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Tgt Ion: 49 Resp: 20428  
 Ion Ratio Lower Upper  
 49 100  
 129 1.5 0.0 5.6  
 130 78.6 66.8 100.2



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

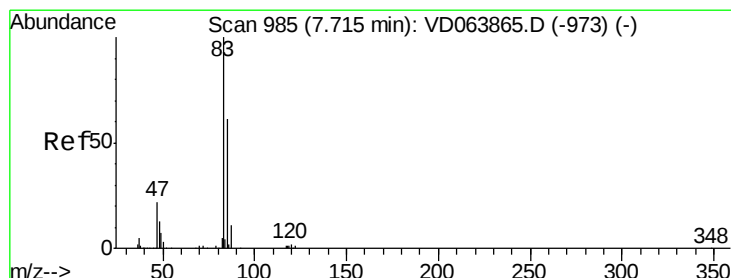
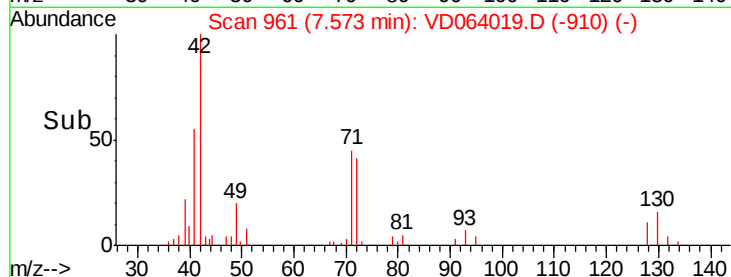
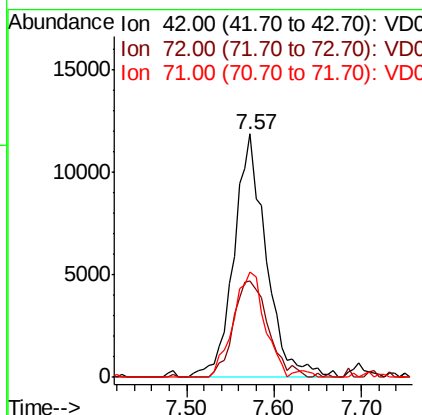
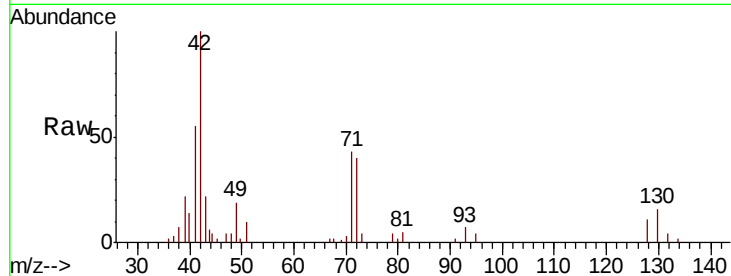




#29  
Tetrahydrofuran  
Concen: 103.198 ug/l  
RT: 7.57 min Scan# 961  
Delta R.T. -0.00 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

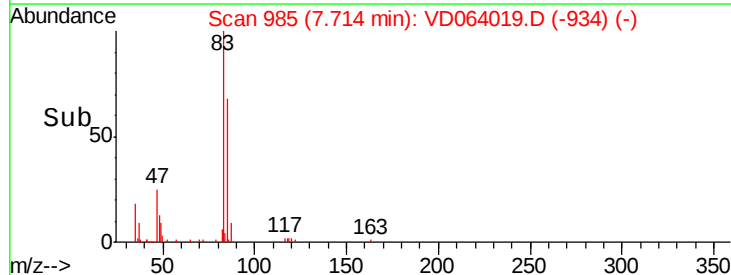
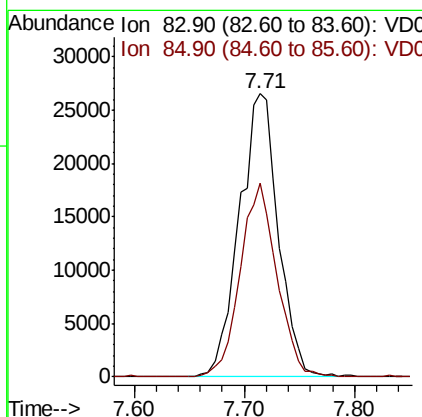
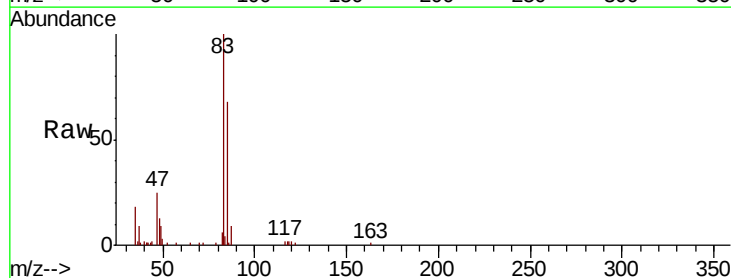
Instrument :  
MSVOA\_D  
ClientSampleId :

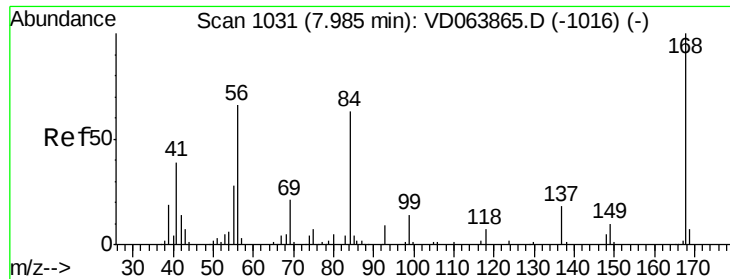
Tot Ion: 42 Resp: 29653  
Ion Ratio Lower Upper  
42 100  
72 43.1 37.6 56.4  
71 42.1 35.0 52.6



#30  
Chloroform  
Concen: 21.022 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. -0.00 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Tgt Ion: 83 Resp: 65586  
Ion Ratio Lower Upper  
83 100  
85 68.5 48.9 73.3

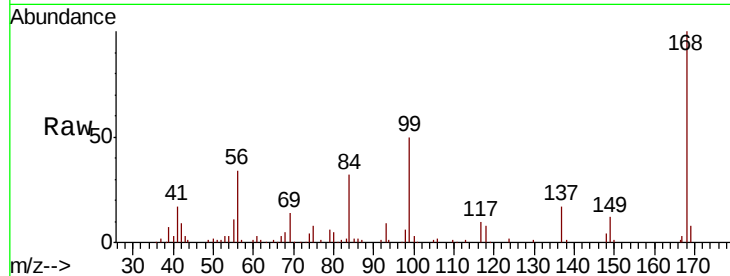




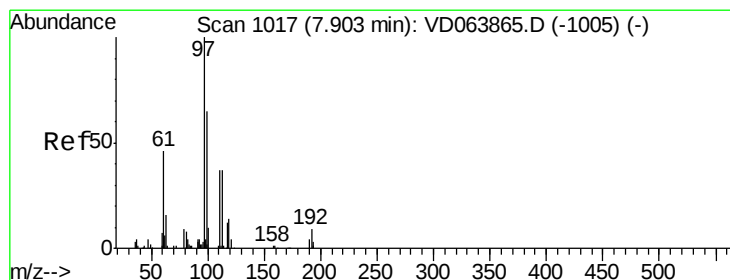
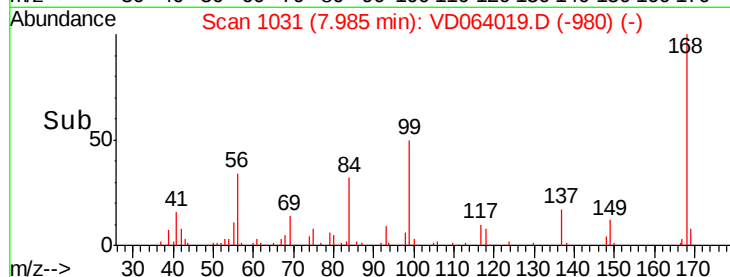
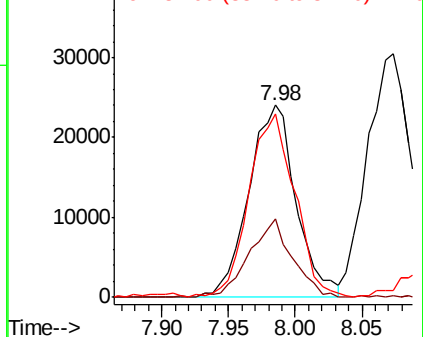
#31  
Cyclohexane  
Concen: 22.797 ug/l  
RT: 7.98 min Scan# 1031  
Delta R.T. -0.00 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 56 Resp: 59300  
Ion Ratio Lower Upper  
56 100  
69 40.6 25.0 37.4#  
84 95.3 76.3 114.5

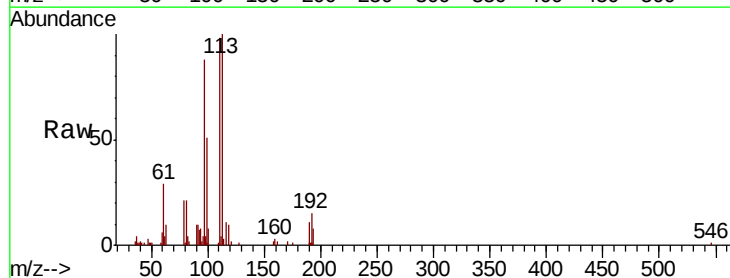


Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC

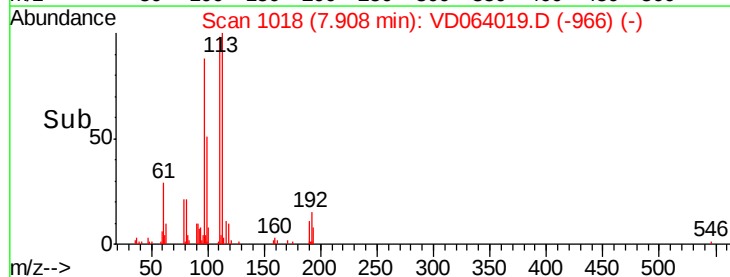
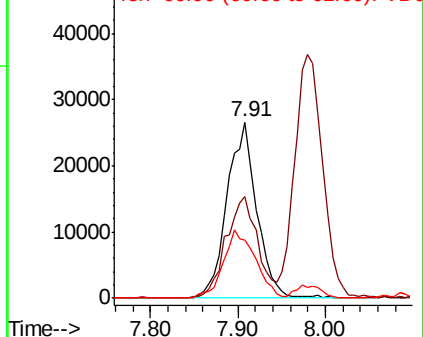


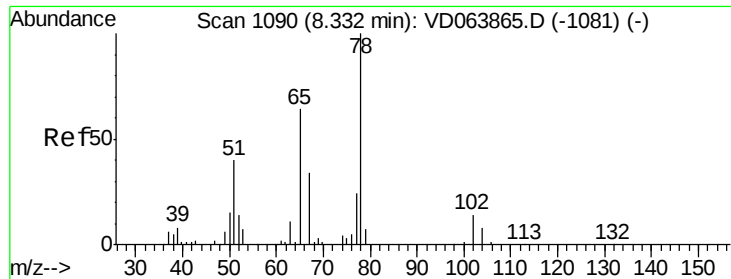
#32  
1,1,1-Trichloroethane  
Concen: 22.973 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Tgt Ion: 97 Resp: 61482  
Ion Ratio Lower Upper  
97 100  
99 61.9 52.4 78.6  
61 41.5 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

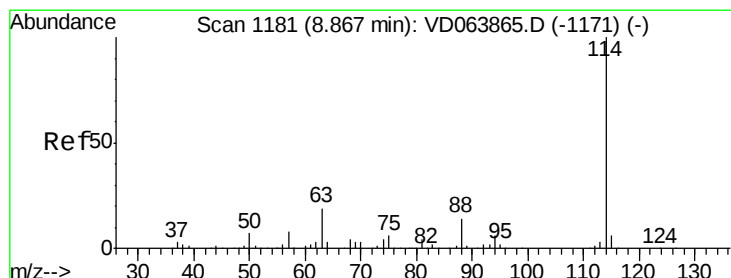
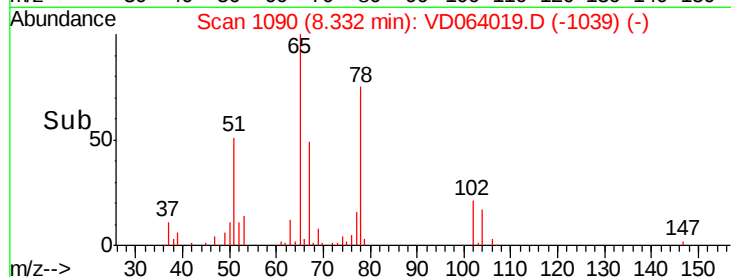
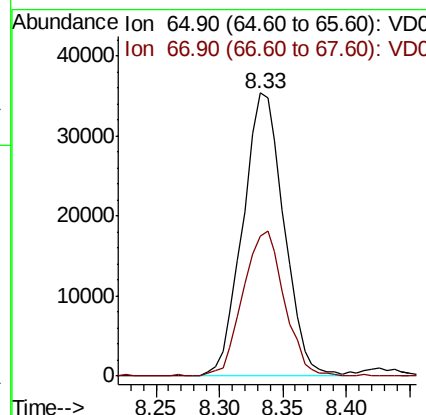
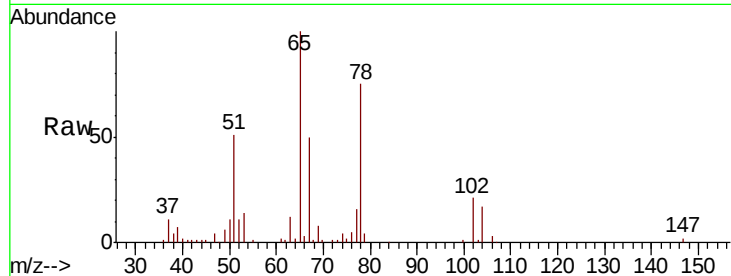




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.103 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.00 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

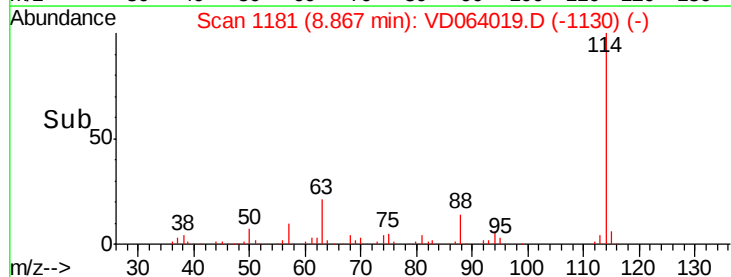
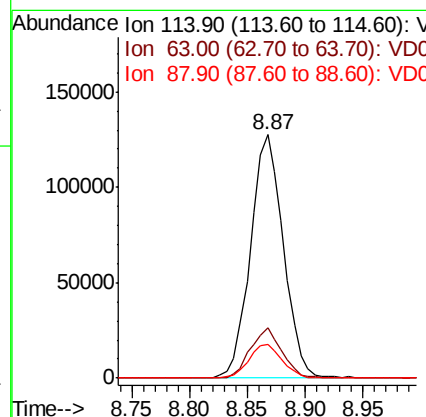
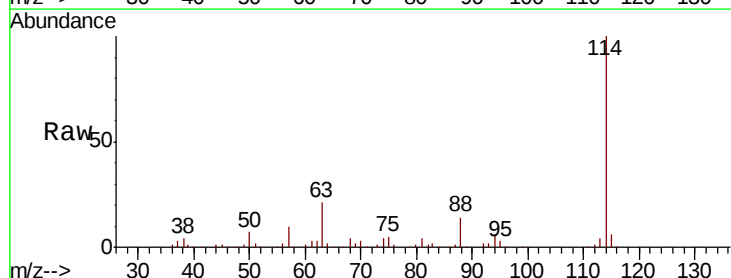
Instrument :  
 MSVOA\_D  
 ClientSampleId :

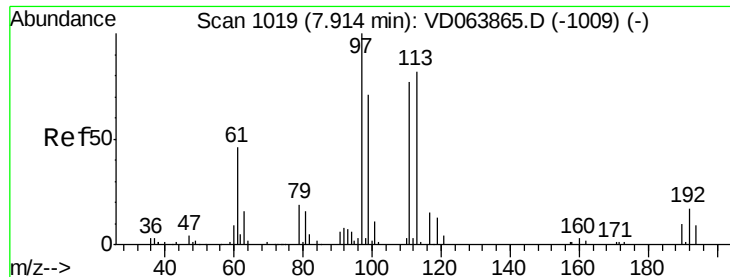
Tot Ion: 65 Resp: 79940  
 Ion Ratio Lower Upper  
 65 100  
 67 51.3 0.0 106.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Tgt Ion: 114 Resp: 253125  
 Ion Ratio Lower Upper  
 114 100  
 63 20.5 0.0 38.4  
 88 13.8 0.0 27.4

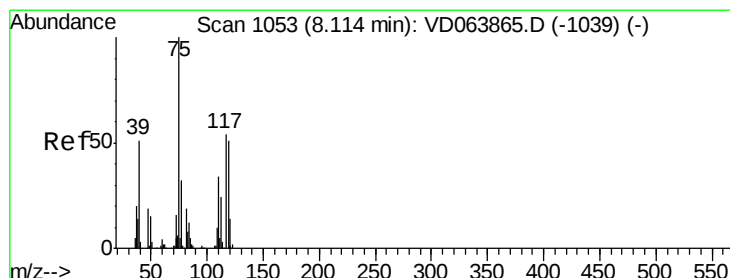
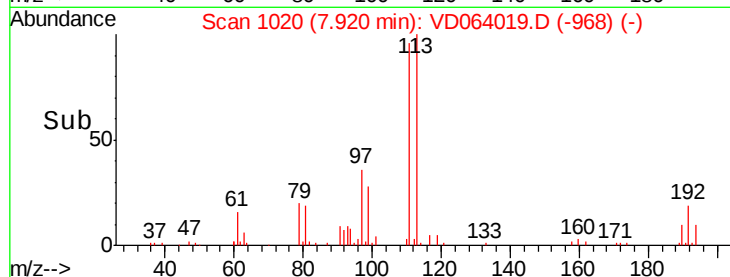
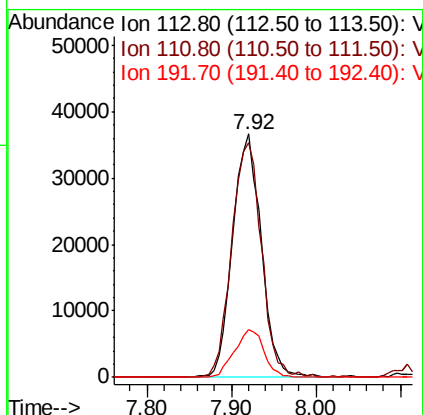
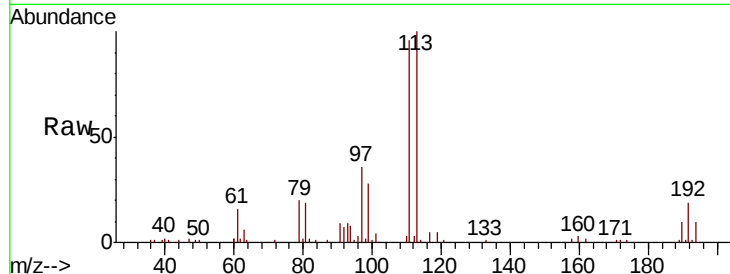




#35  
 Dibromofluoromethane  
 Concen: 55.450 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.01 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

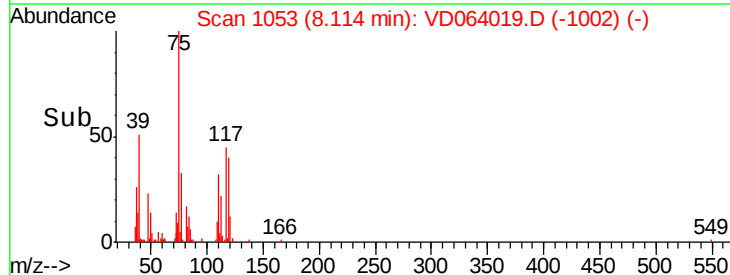
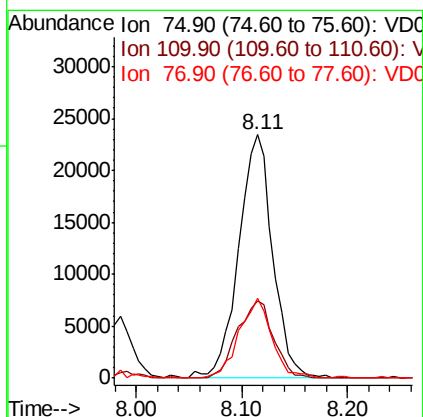
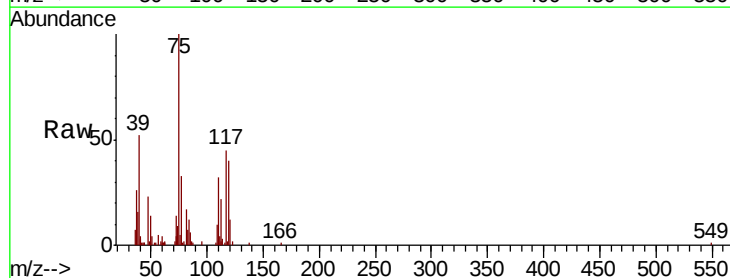
Instrument :  
 MSVOA\_D  
 ClientSampleId :

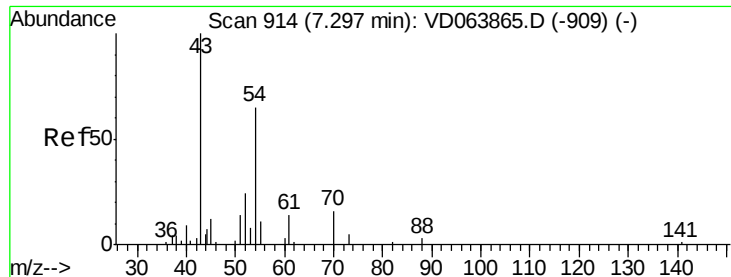
Tot Ion:113 Resp: 85777  
 Ion Ratio Lower Upper  
 113 100  
 111 100.2 82.6 123.8  
 192 19.8 17.1 25.7



#36  
 1,1-Dichloropropene  
 Concen: 22.579 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Tgt Ion: 75 Resp: 52256  
 Ion Ratio Lower Upper  
 75 100  
 110 33.8 17.4 52.3  
 77 31.7 25.4 38.0

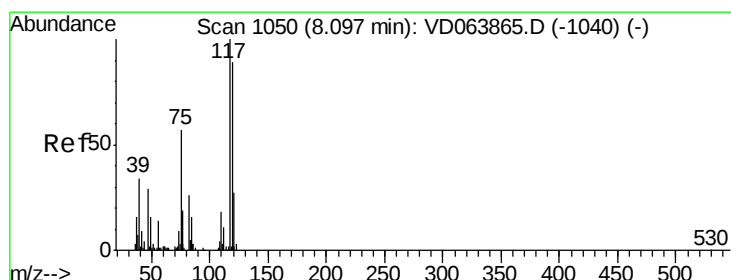
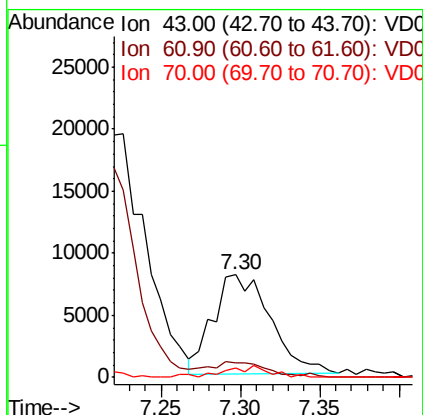
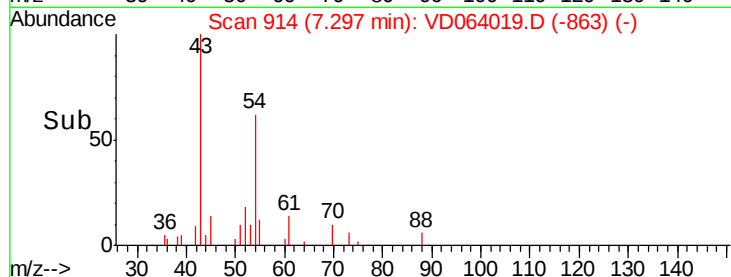
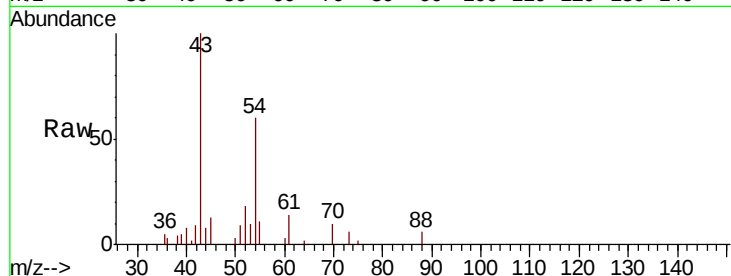




#37  
Ethyl Acetate  
Concen: 19.195 ug/l  
RT: 7.30 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

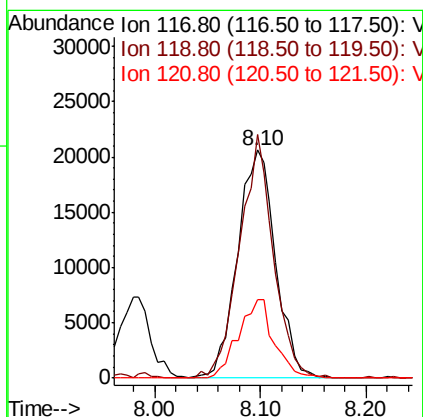
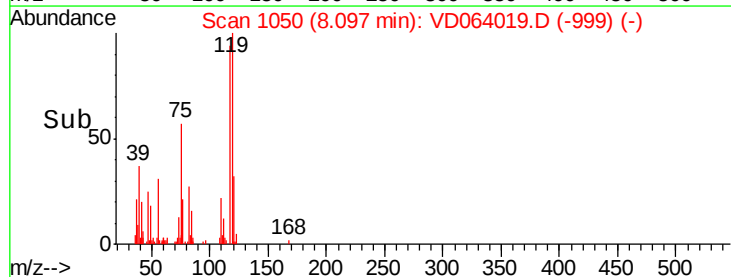
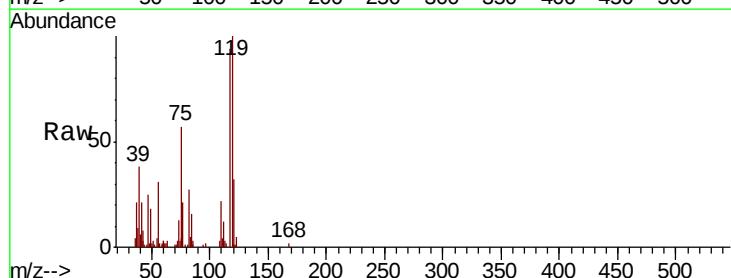
Instrument :  
MSVOA\_D  
ClientSampled :

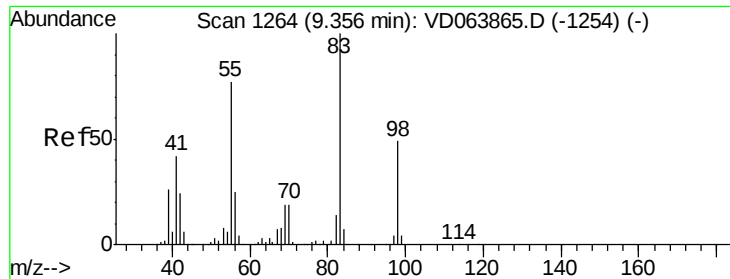
Tot Ion: 43 Resp: 20094  
Ion Ratio Lower Upper  
43 100  
61 16.8 11.5 17.3  
70 4.1 8.2 12.4#



#38  
Carbon Tetrachloride  
Concen: 21.904 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.00 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Tgt Ion: 117 Resp: 51228  
Ion Ratio Lower Upper  
117 100  
119 106.8 70.8 106.2#  
121 34.2 21.4 32.0#

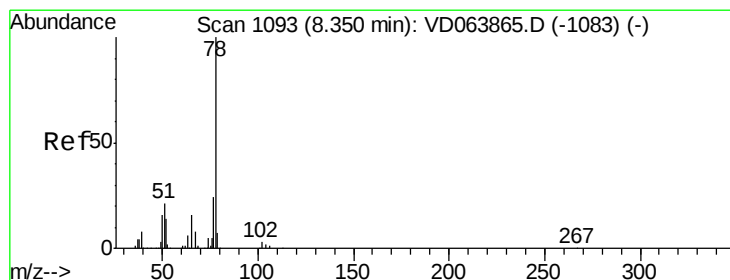
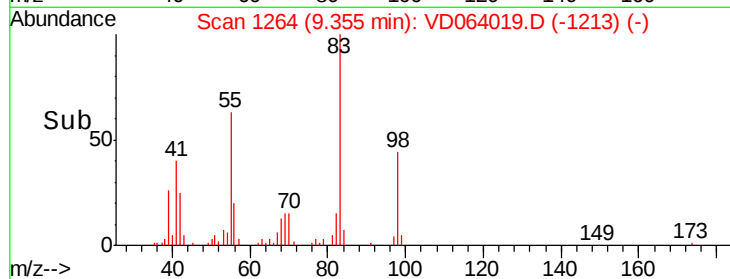
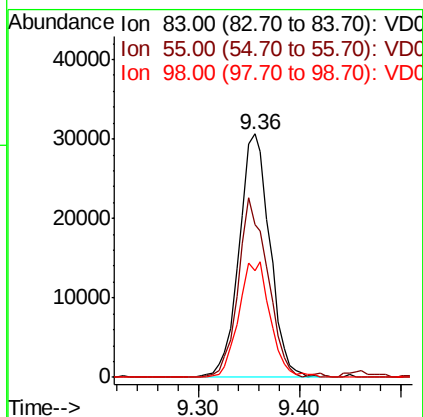
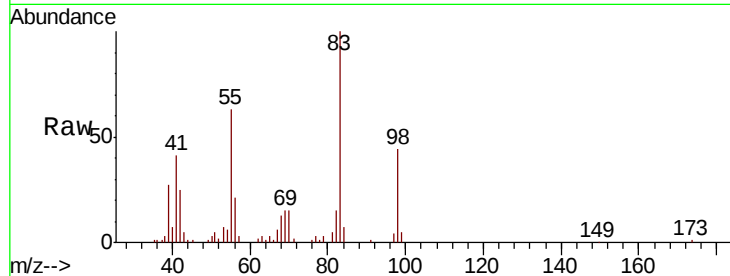




#39  
Methvlcvclohexane  
Concen: 22.652 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.00 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

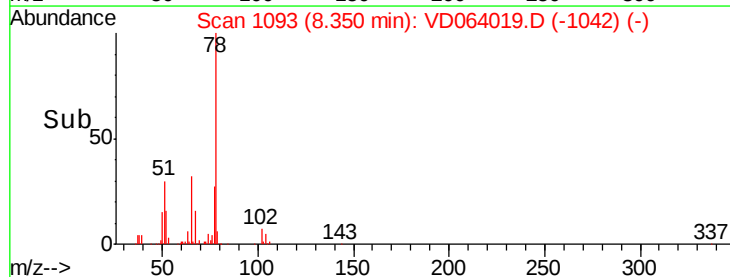
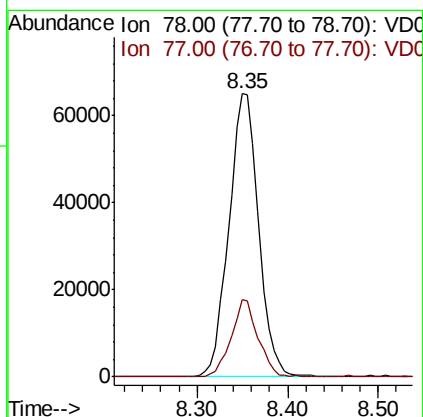
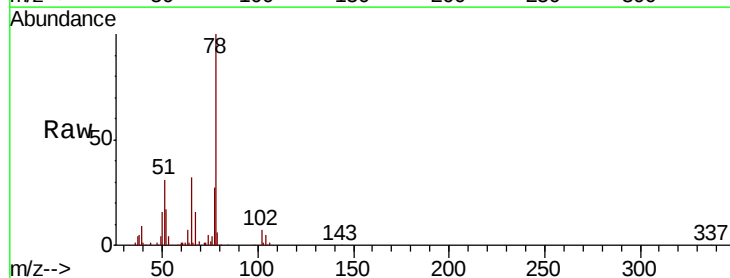
Instrument :  
MSVOA\_D  
ClientSampleId :

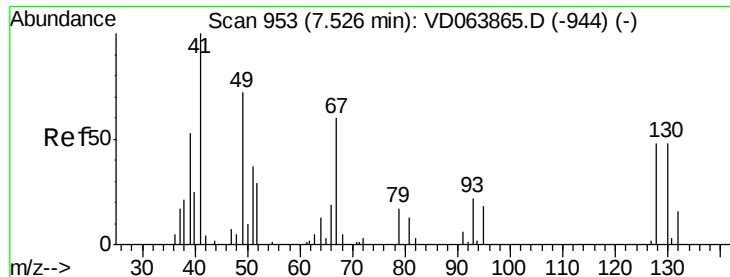
Tot Ion: 83 Resp: 64461  
Ion Ratio Lower Upper  
83 100  
55 62.9 61.3 91.9  
98 43.9 39.3 58.9



#40  
Benzene  
Concen: 22.410 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.00 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Tgt Ion: 78 Resp: 148634  
Ion Ratio Lower Upper  
78 100  
77 27.2 19.0 28.6

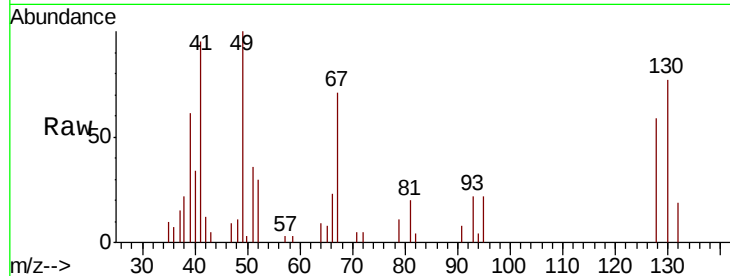




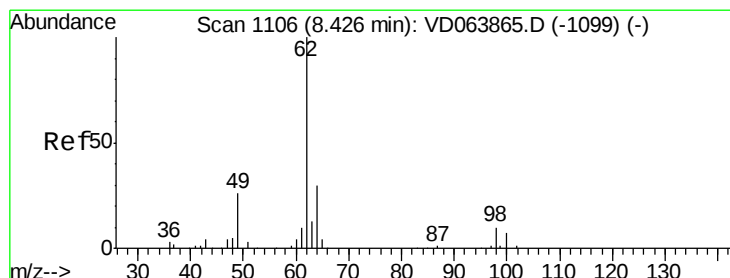
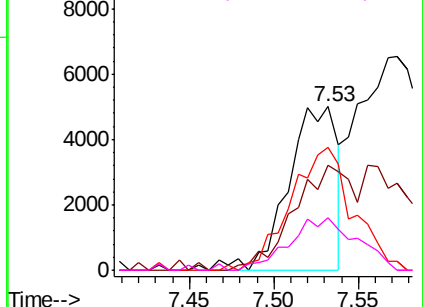
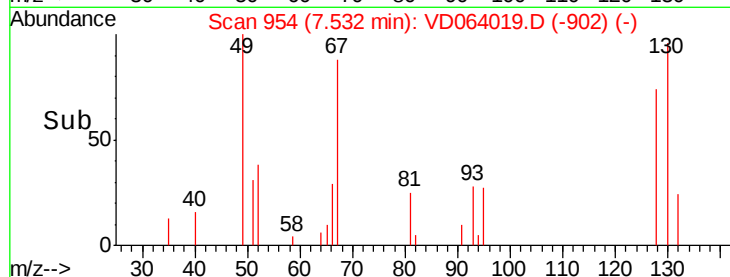
#41  
Methacrylonitrile  
Concen: 19.033 ug/l  
RT: 7.53 min Scan# 954  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 41 Resp: 10213  
Ion Ratio Lower Upper  
41 100  
39 76.8 52.6 78.8  
67 94.0 74.2 111.2  
52 43.0 34.0 51.0

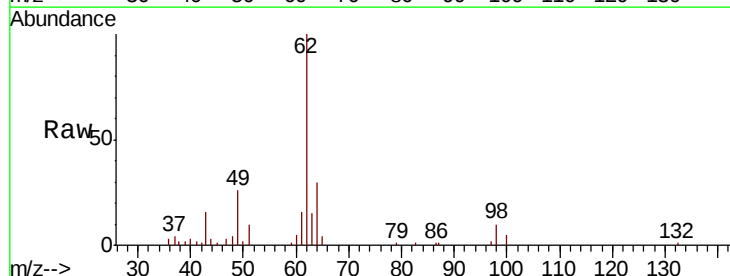


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

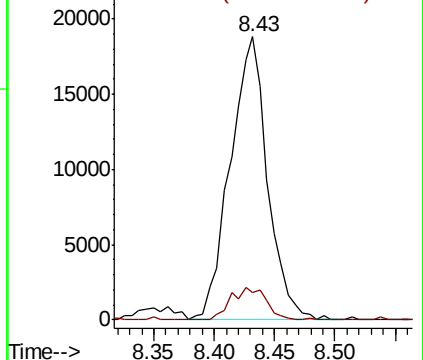
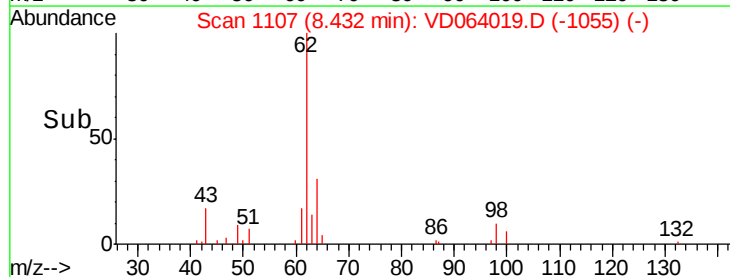


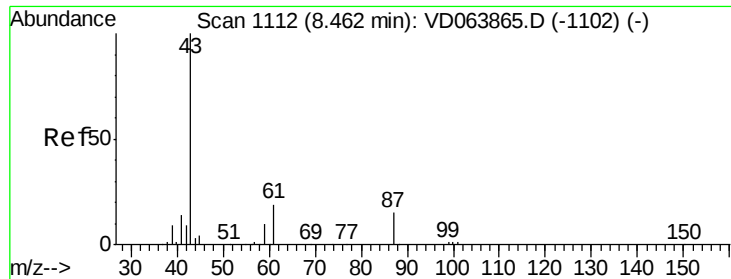
#42  
1,2-Dichloroethane  
Concen: 21.019 ug/l  
RT: 8.43 min Scan# 1107  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Tgt Ion: 62 Resp: 40326  
Ion Ratio Lower Upper  
62 100  
98 10.9 0.0 20.0



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



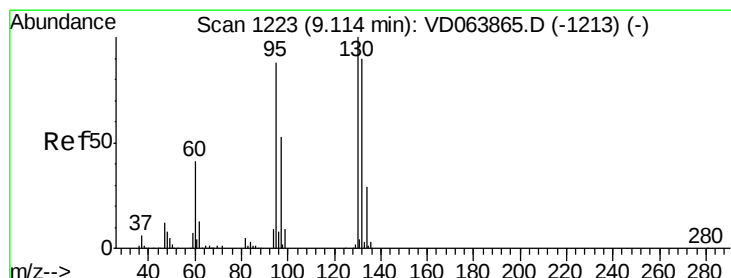
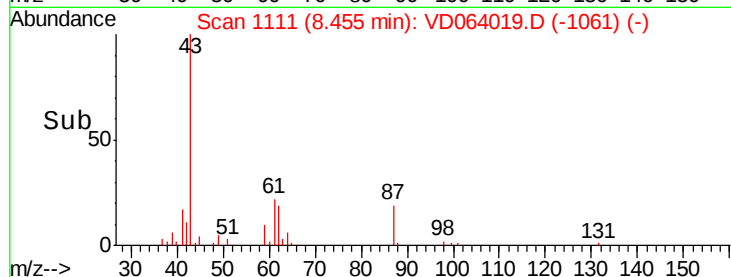
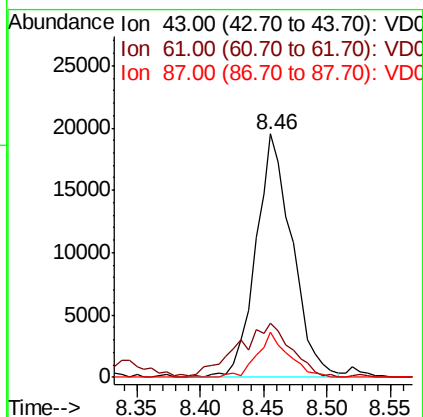
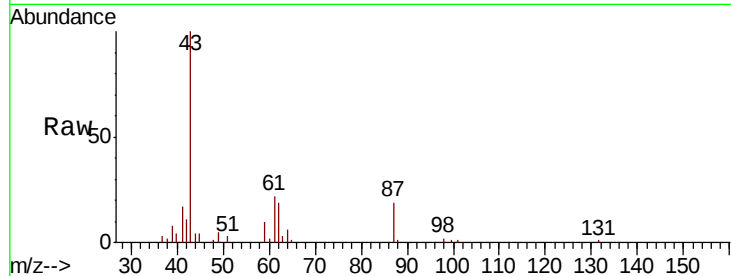


#43

Isopropyl Acetate  
 Concen: 20.044 ug/l  
 RT: 8.46 min Scan# 1111  
 Delta R.T. -0.01 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Instrument :  
 MSVOA\_D  
 ClientSampled :

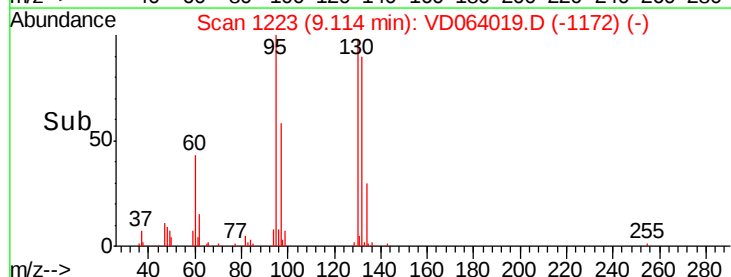
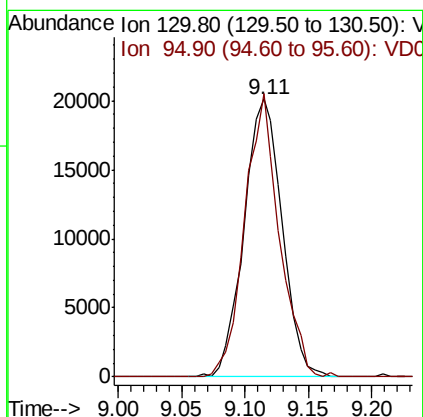
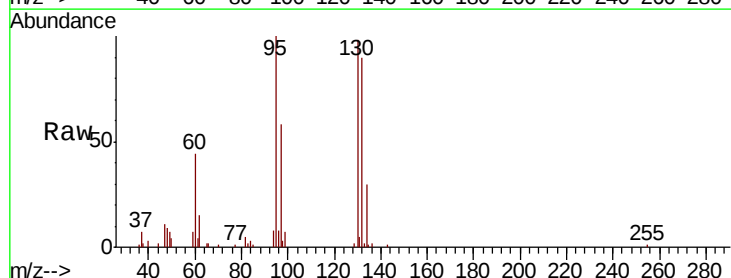
| Tot Ion   | 43    | 61   | 87   |
|-----------|-------|------|------|
| Resp:     | 38903 |      |      |
| Ion Ratio | 100   | 32.8 | 16.1 |
| Lower     |       | 25.7 | 11.6 |
| Upper     |       | 38.5 | 17.4 |

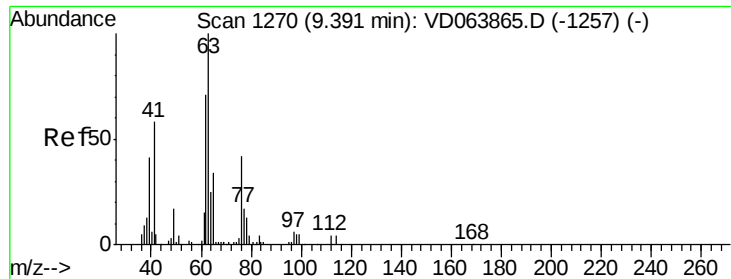


#44

Trichloroethene  
 Concen: 21.955 ug/l  
 RT: 9.11 min Scan# 1223  
 Delta R.T. -0.00 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

| Tgt Ion   | 130   | 95    |
|-----------|-------|-------|
| Resp:     | 41990 |       |
| Ion Ratio | 100   | 101.8 |
| Lower     |       | 0.0   |
| Upper     |       | 175.6 |





#45

1,2-Dichloropropane

Concen: 22.162 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

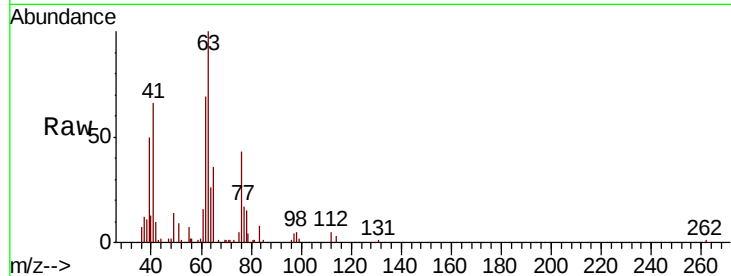
ClientSampleId :

Tot Ion: 63 Resp: 35977

Ion Ratio Lower Upper

63 100

65 35.6 27.3 40.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

20000

15000

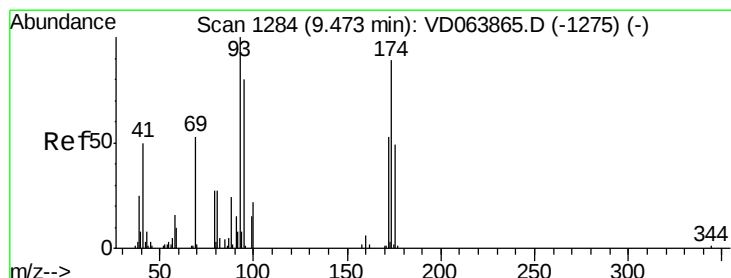
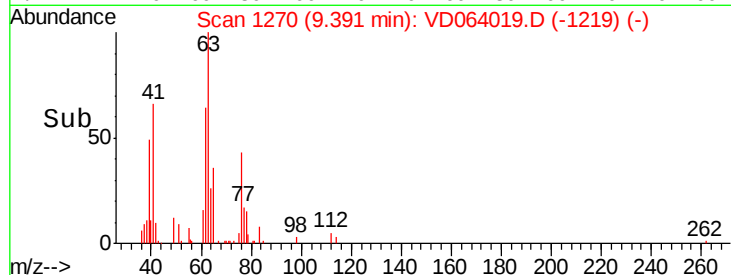
10000

5000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#46

Dibromomethane

Concen: 21.792 ug/l

RT: 9.48 min Scan# 1286

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

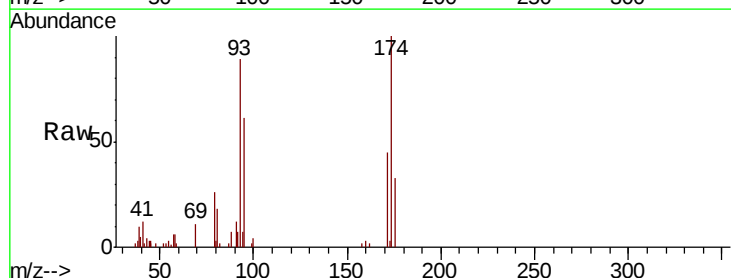
Tgt Ion: 93 Resp: 20147

Ion Ratio Lower Upper

93 100

95 81.4 66.0 99.0

174 106.1 83.4 125.0



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

15000

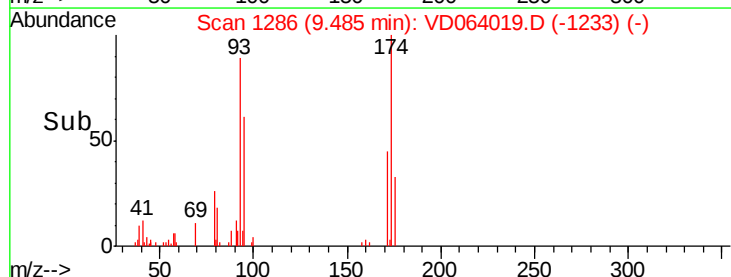
10000

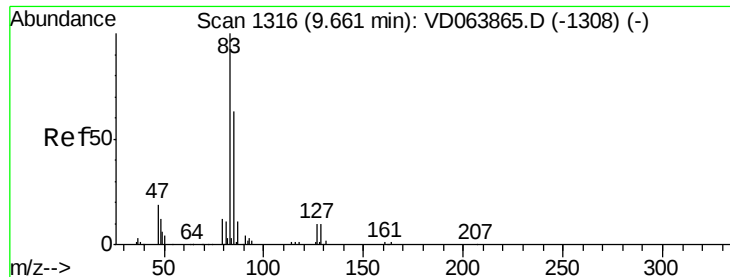
5000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 21.690 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

ClientSampleId :

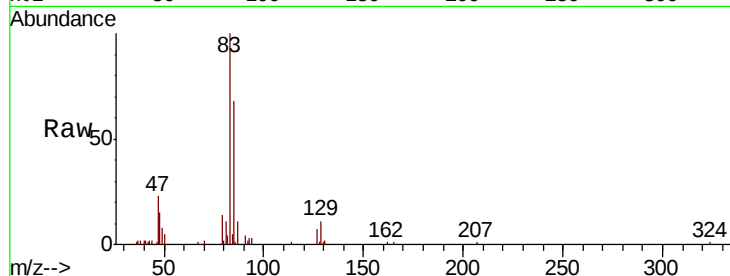
Tot Ion: 83 Resp: 51629

Ion Ratio Lower Upper

83 100

85 67.7 50.2 75.2

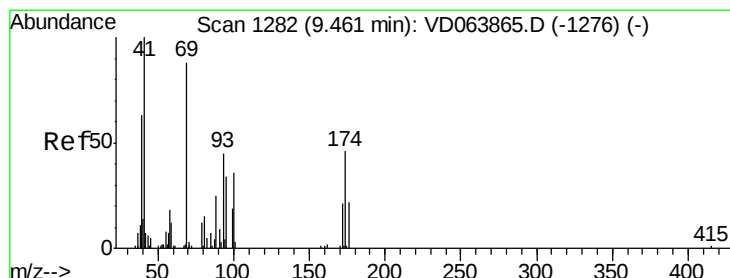
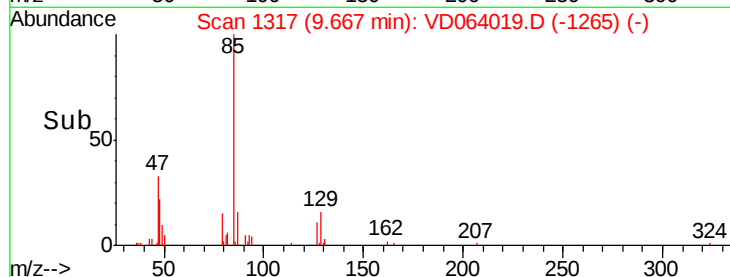
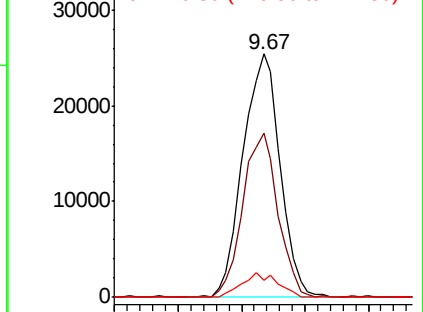
127 7.1 7.6 11.4#



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: 19.265 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

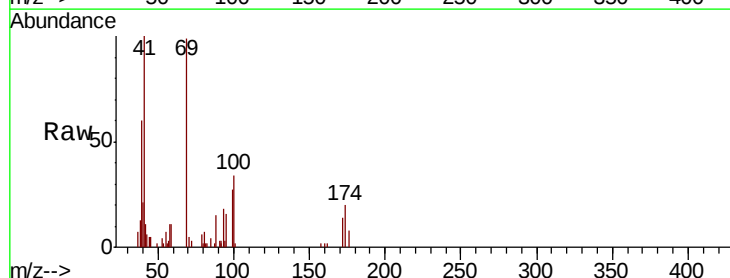
Tgt Ion: 41 Resp: 17916

Ion Ratio Lower Upper

41 100

69 104.7 75.1 112.7

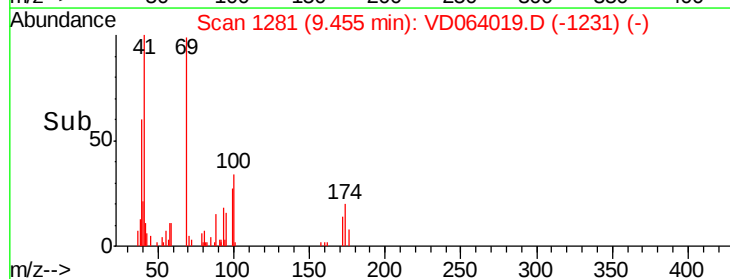
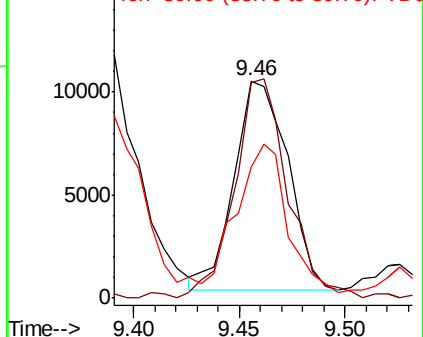
39 73.3 50.2 75.2

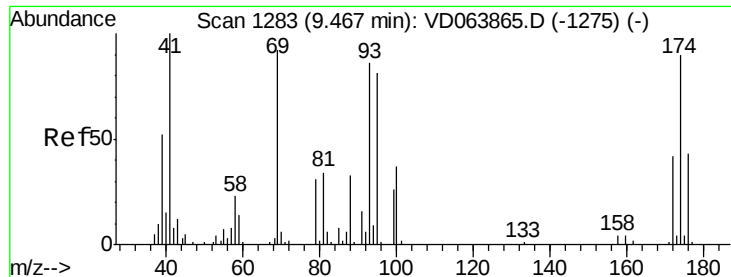


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

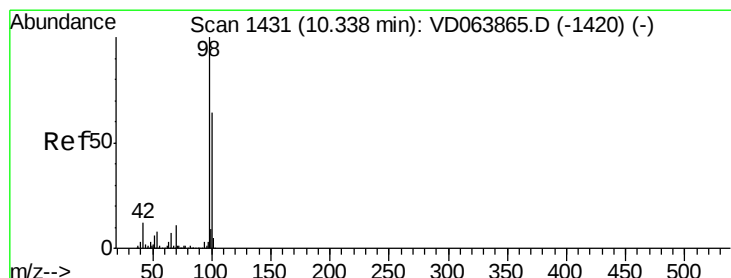
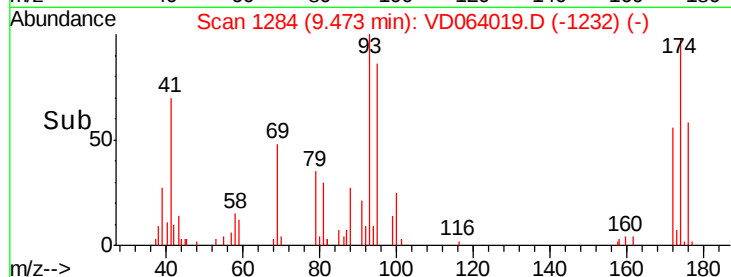
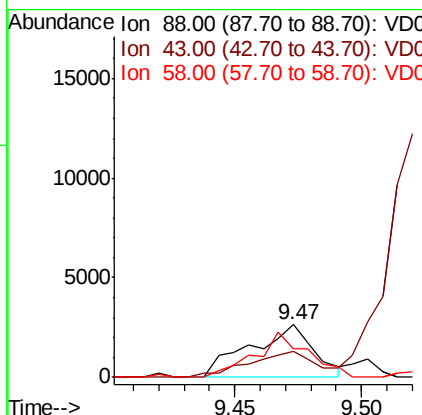
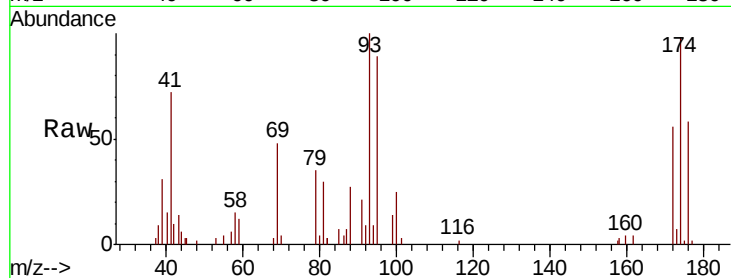




#49  
1,4-Dioxane  
Concen: 364.826 ug/l  
RT: 9.47 min Scan# 1284  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

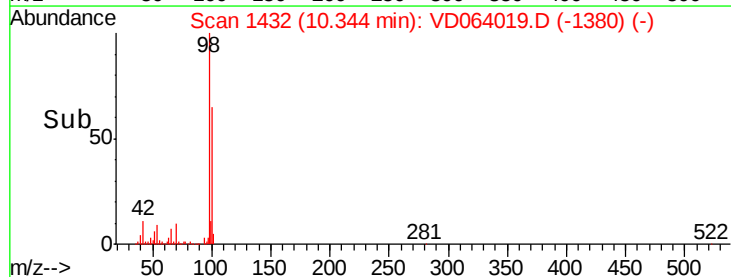
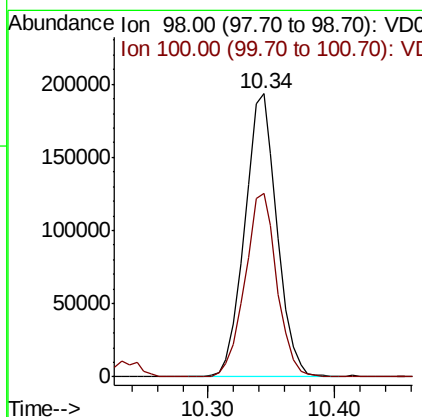
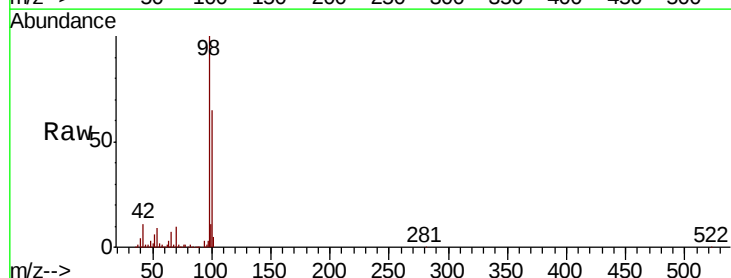
Instrument :  
MSVOA\_D  
ClientSampleId :

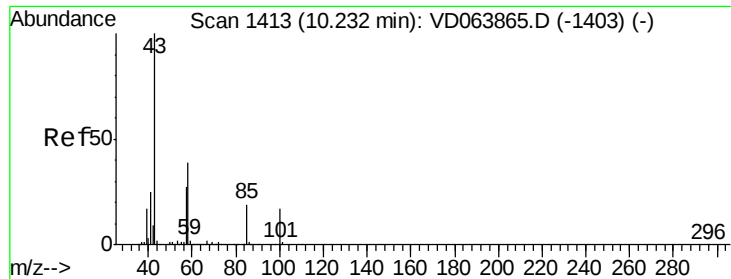
Tot Ion: 88 Resp: 4604  
Ion Ratio Lower Upper  
88 100  
43 49.2 27.6 41.4#  
58 73.0 54.1 81.1



#50  
Toluene-d8  
Concen: 54.423 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Tgt Ion: 98 Resp: 341708  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.1 78.1

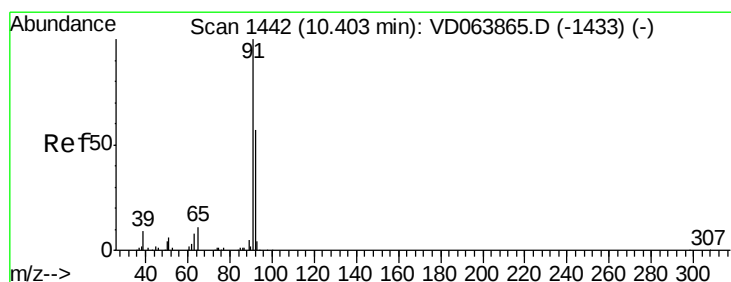
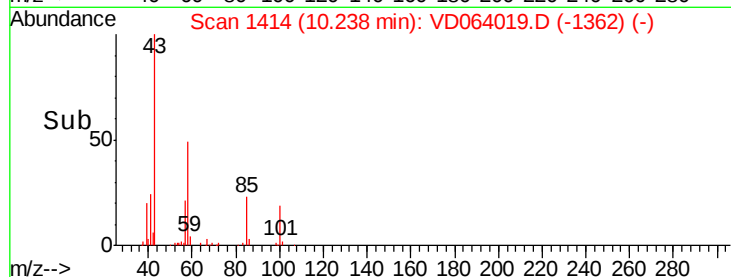
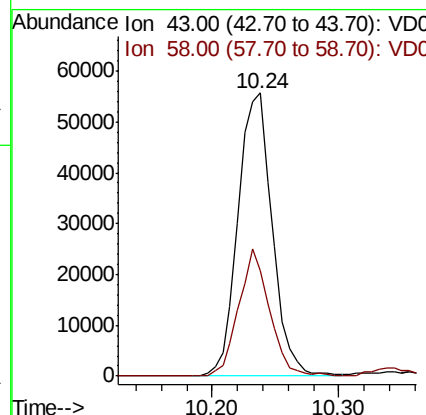
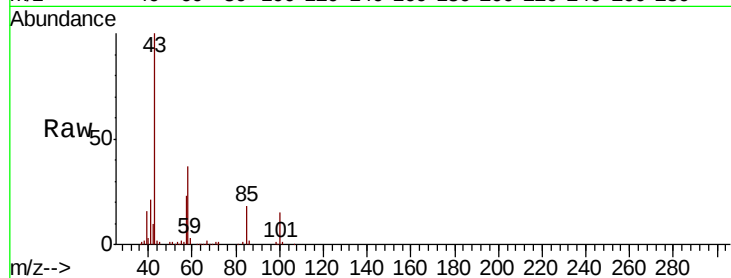




#51  
 4-Methyl-2-Pentanone  
 Concen: 103.031 ug/l  
 RT: 10.24 min Scan# 1414  
 Delta R.T. 0.01 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

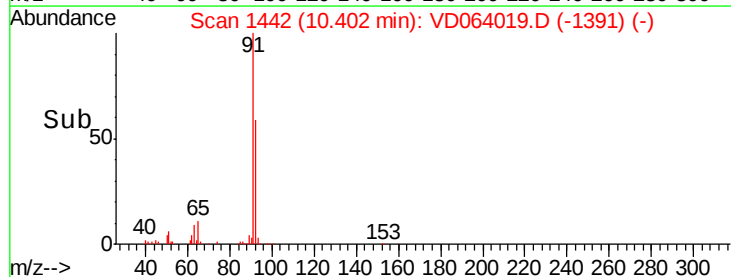
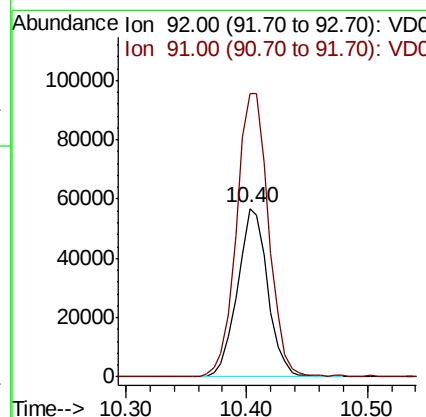
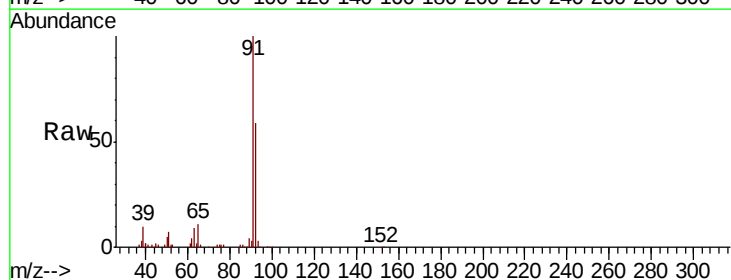
Instrument :  
 MSVOA\_D  
 ClientSampleId :

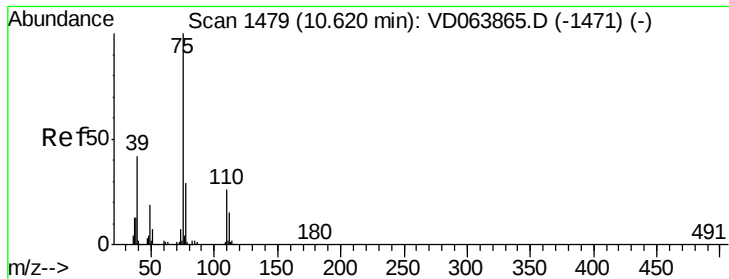
Tot Ion: 43 Resp: 103712  
 Ion Ratio Lower Upper  
 43 100  
 58 40.5 33.0 49.4



#52  
 Toluene  
 Concen: 21.727 ug/l  
 RT: 10.40 min Scan# 1442  
 Delta R.T. -0.00 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Tgt Ion: 92 Resp: 98922  
 Ion Ratio Lower Upper  
 92 100  
 91 178.7 139.5 209.3

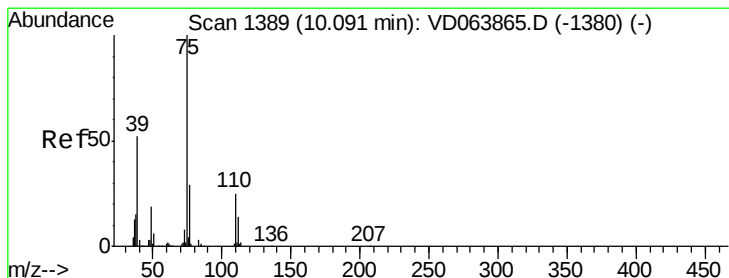
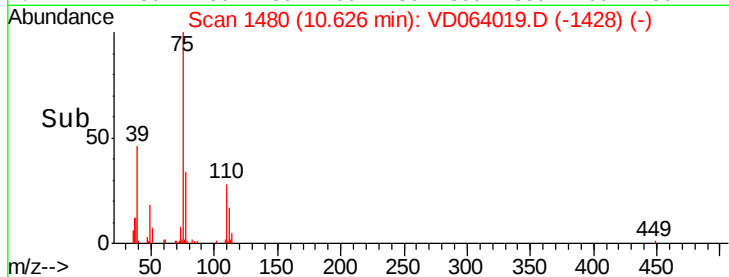
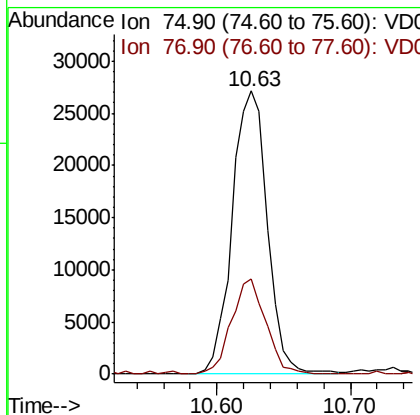
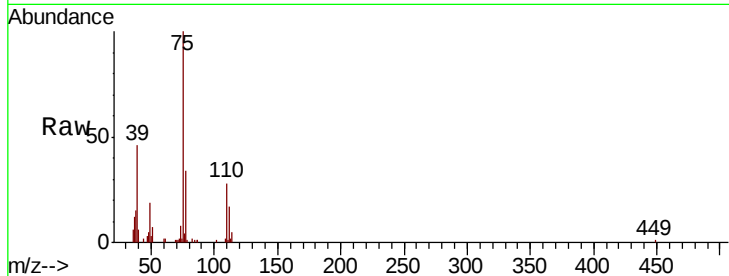




#53  
 t-1,3-Dichloropropene  
 Concen: 21.322 ug/l  
 RT: 10.63 min Scan# 1480  
 Delta R.T. 0.01 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

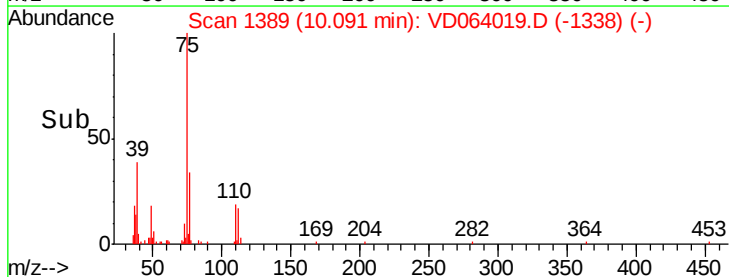
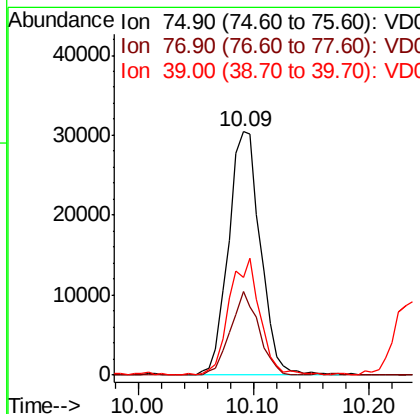
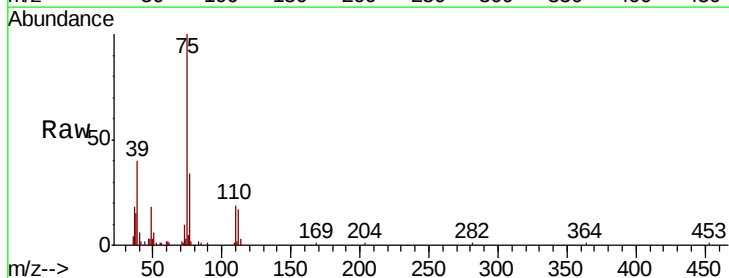
Instrument :  
 MSVOA\_D  
 ClientSampleId :

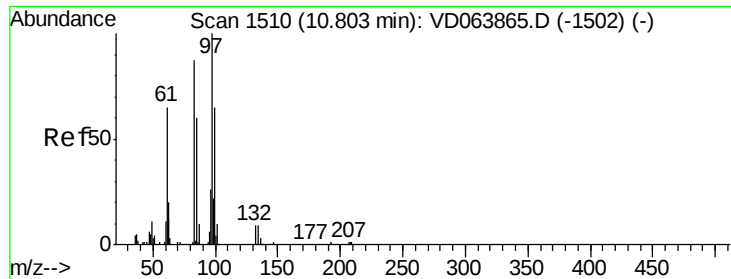
Tot Ion: 75 Resp: 49526  
 Ion Ratio Lower Upper  
 75 100  
 77 33.7 22.8 34.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.860 ug/l  
 RT: 10.09 min Scan# 1389  
 Delta R.T. -0.00 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Tgt Ion: 75 Resp: 58447  
 Ion Ratio Lower Upper  
 75 100  
 77 34.1 23.2 34.8  
 39 39.5 41.5 62.3#





#55

1,1,2-Trichloroethane

Concen: 23.319 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

ClientSampled :

Tot Ion: 97 Resp: 30440

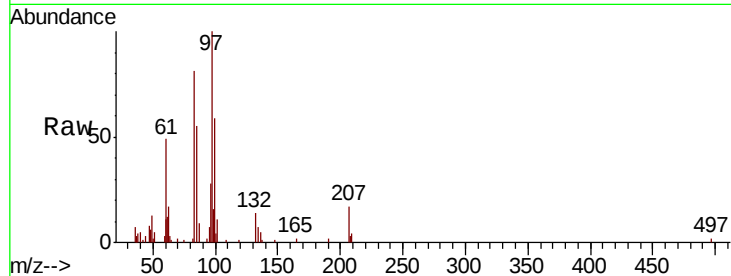
Ion Ratio Lower Upper

97 100

83 81.0 69.7 104.5

85 53.3 48.1 72.1

99 59.0 51.9 77.9

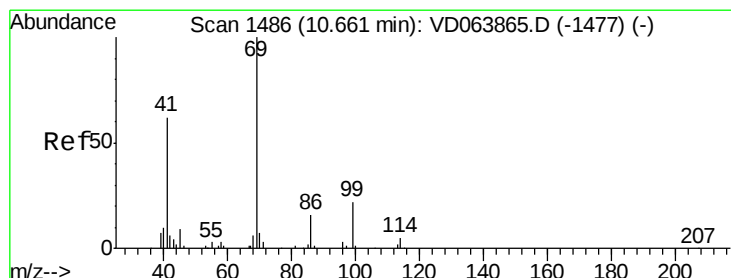
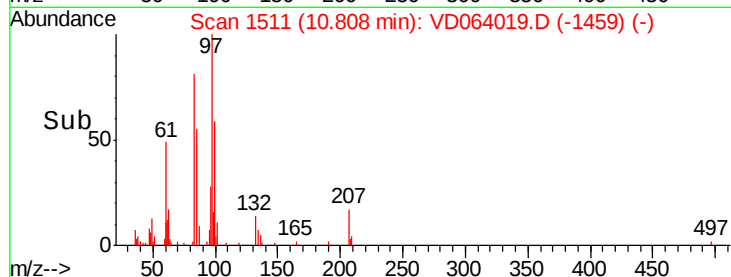
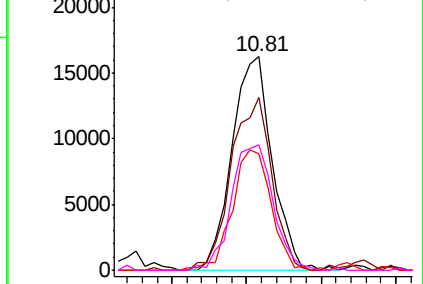


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 20.497 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

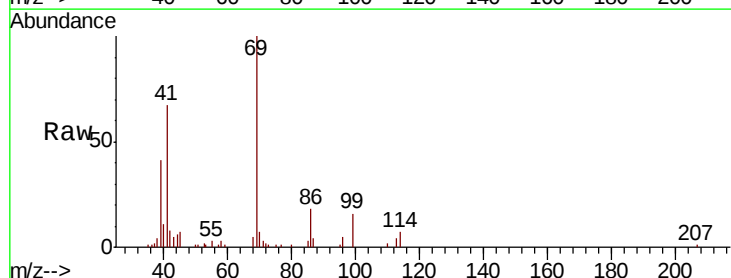
Tgt Ion: 69 Resp: 33883

Ion Ratio Lower Upper

69 100

41 66.9 51.3 76.9

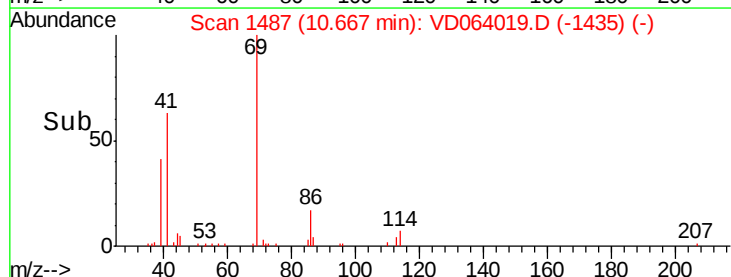
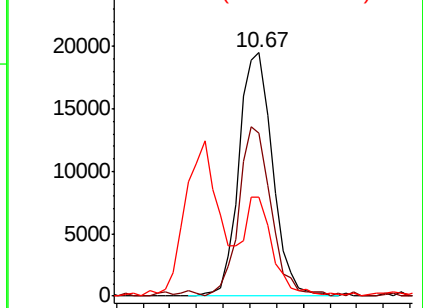
39 34.5 28.0 42.0

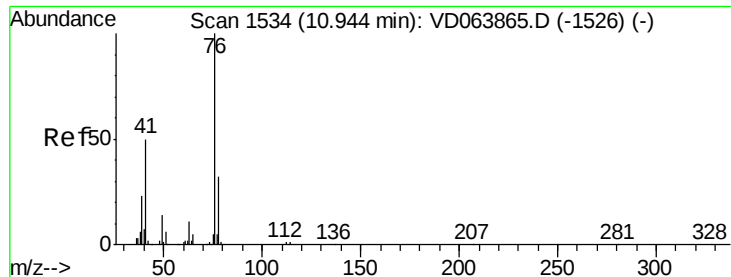


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.622 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

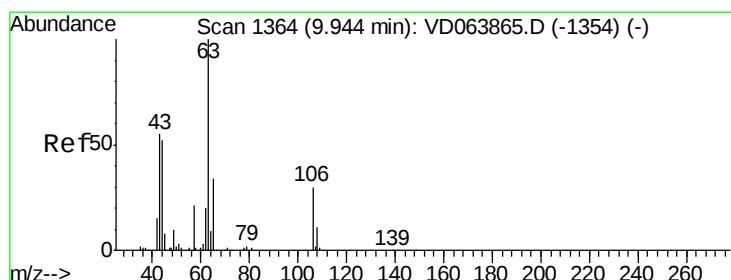
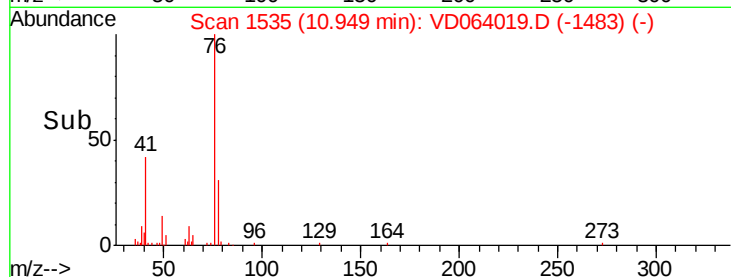
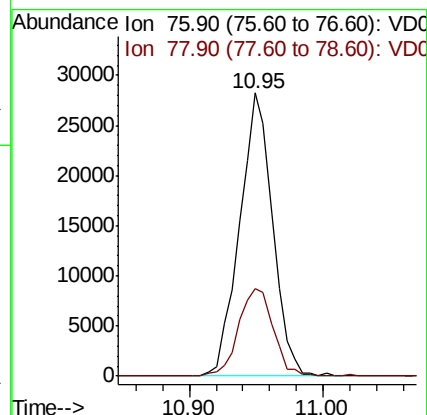
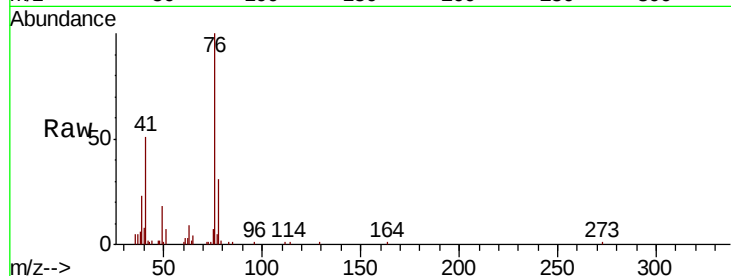
ClientSampleId :

Tot Ion: 76 Resp: 48293

Ion Ratio Lower Upper

76 100

78 32.5 26.6 40.0



#58

2-Chloroethyl Vinyl ether

Concen: 99.320 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD064019.D

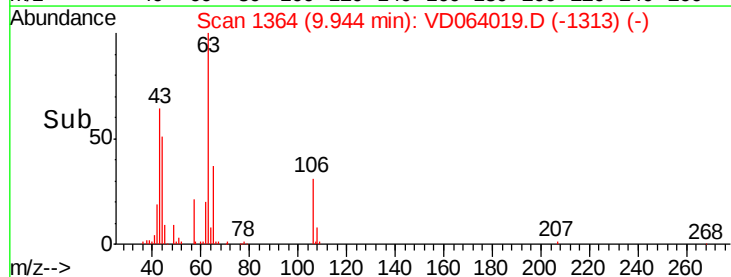
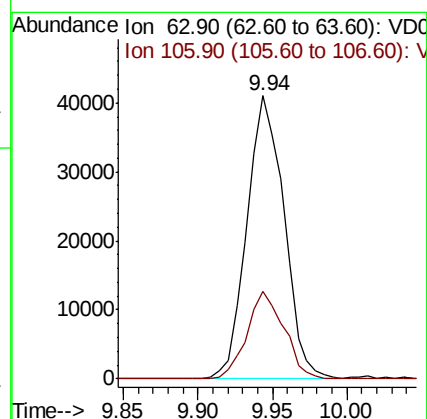
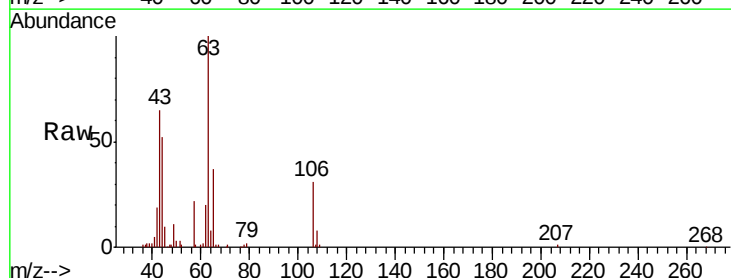
Acq: 23 Oct 2019 14:26

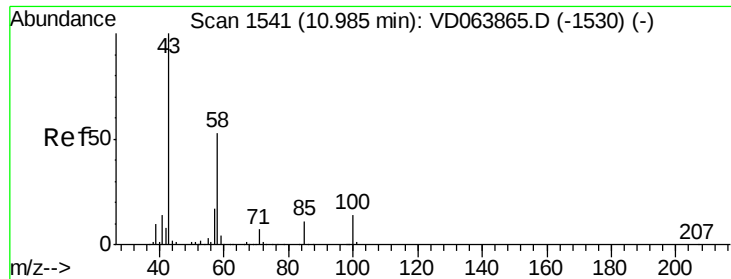
Tgt Ion: 63 Resp: 70573

Ion Ratio Lower Upper

63 100

106 30.7 24.3 36.5

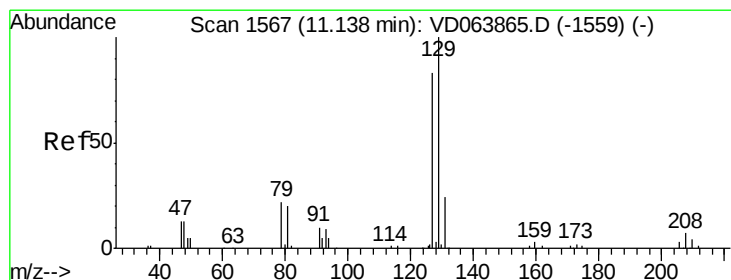
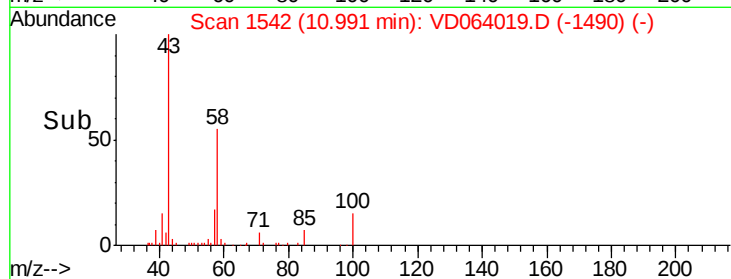
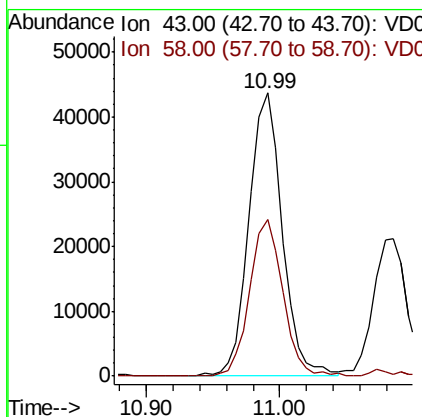
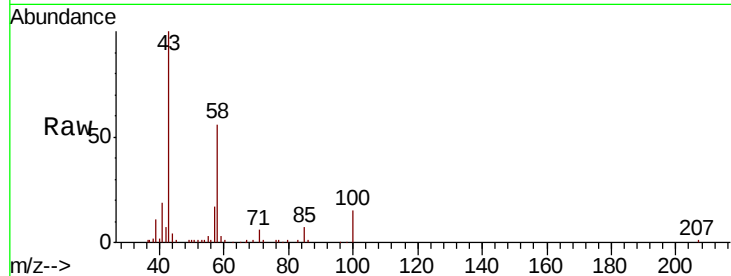




#59  
2-Hexanone  
Concen: 103.392 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

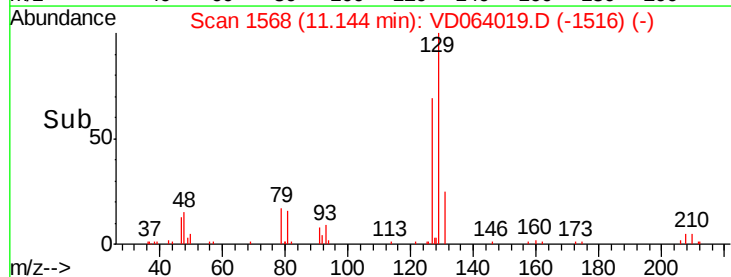
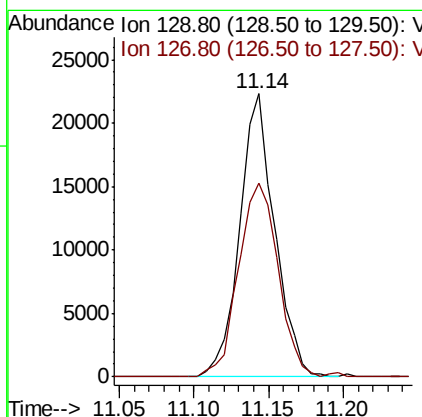
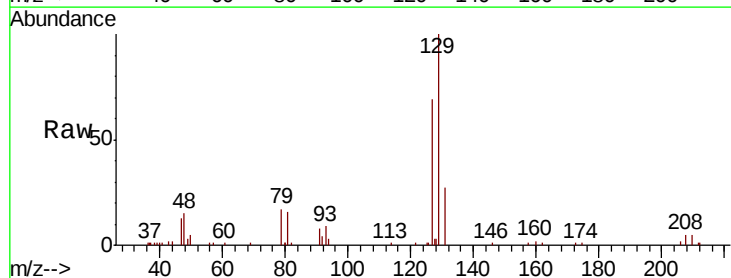
Instrument :  
MSVOA\_D  
ClientSampled :

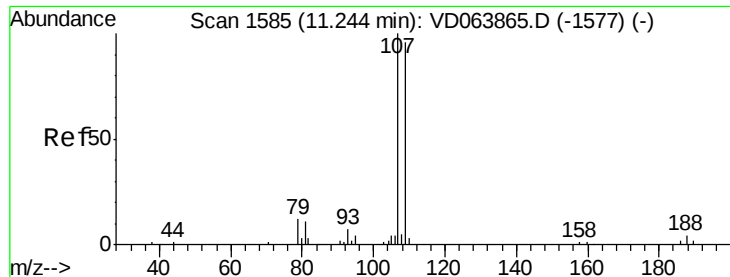
Tot Ion: 43 Resp: 75285  
Ion Ratio Lower Upper  
43 100  
58 54.9 27.7 83.0



#60  
Dibromochloromethane  
Concen: 21.318 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Tgt Ion:129 Resp: 36229  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.9 119.6

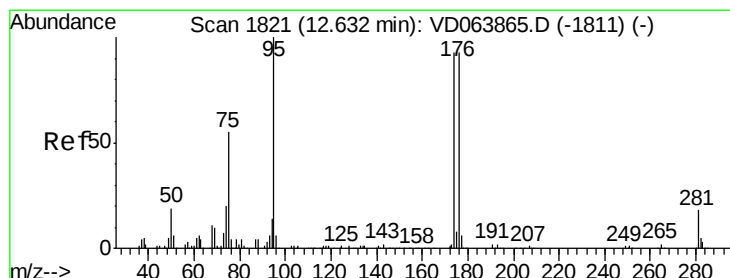
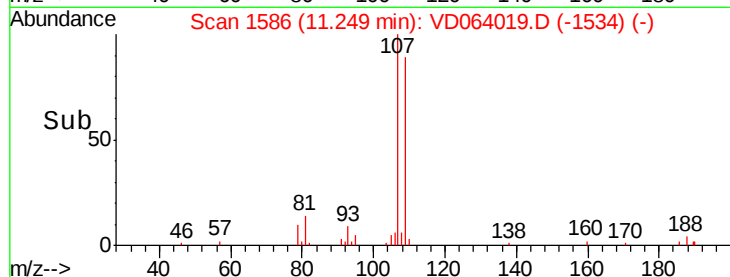
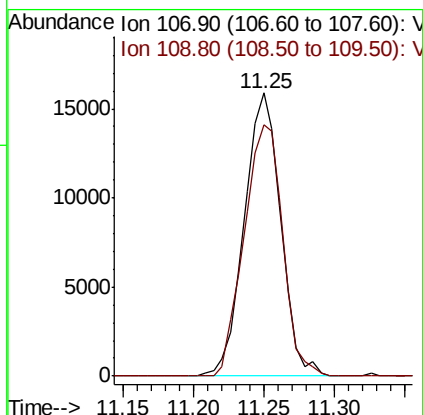
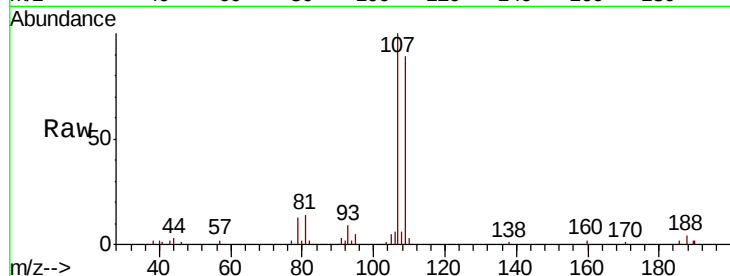




#61  
 1,2-Dibromoethane  
 Concen: 22.775 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.01 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

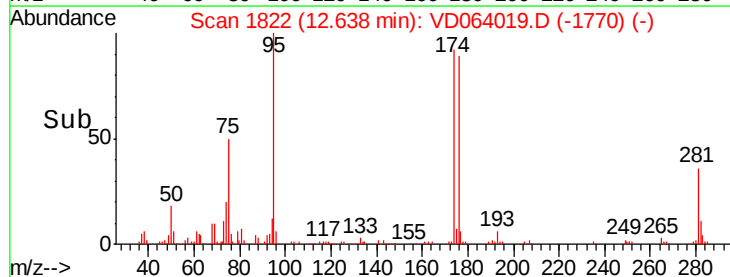
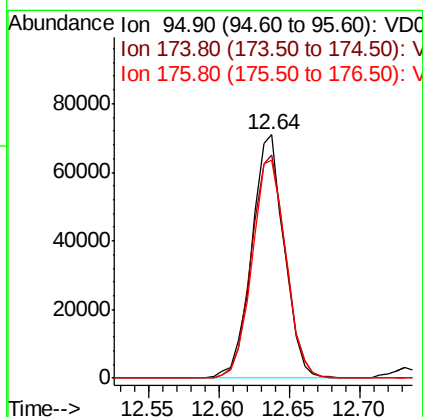
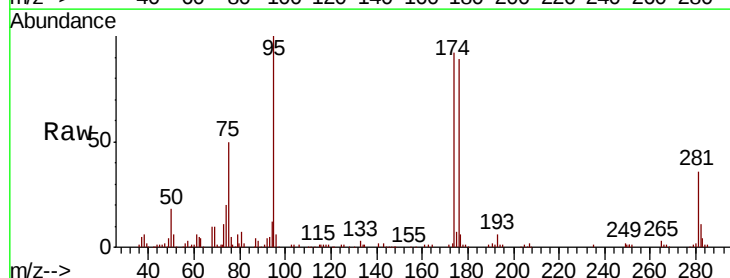
Instrument :  
 MSVOA\_D  
 ClientSampleId :

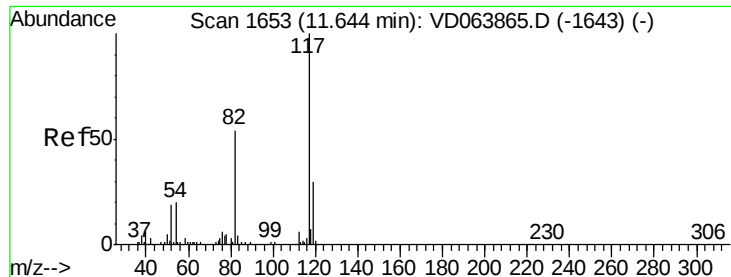
Tot Ion: 107 Resp: 28823  
 Ion Ratio Lower Upper  
 107 100  
 109 93.9 75.2 112.8



#62  
 4-Bromofluorobenzene  
 Concen: 52.652 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.01 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Tgt Ion: 95 Resp: 114880  
 Ion Ratio Lower Upper  
 95 100  
 174 96.3 0.0 186.4  
 176 93.4 0.0 184.2

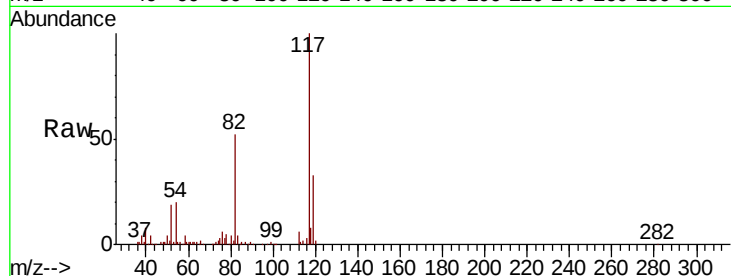




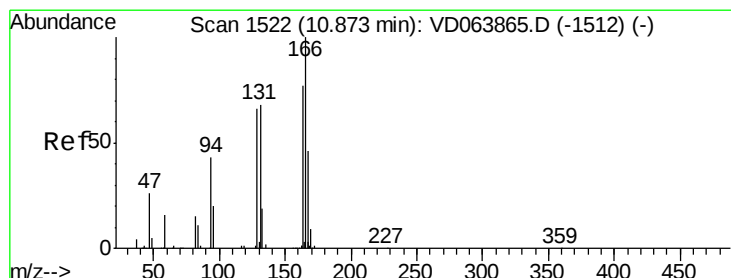
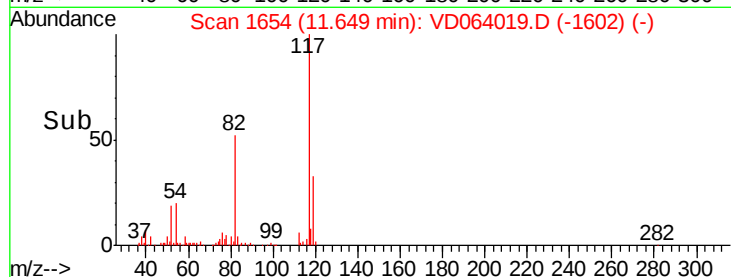
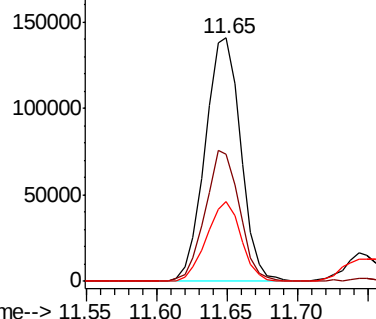
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:117 Resp: 248431  
Ion Ratio Lower Upper  
117 100  
82 52.1 42.8 64.2  
119 32.9 24.4 36.6

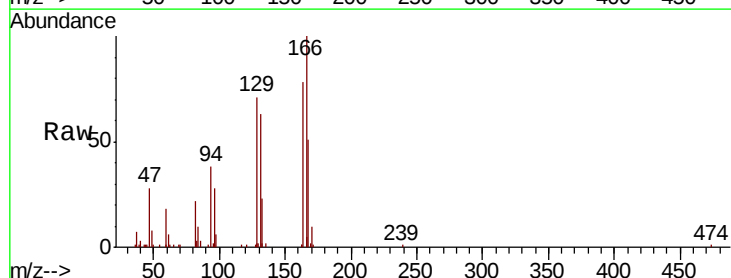


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

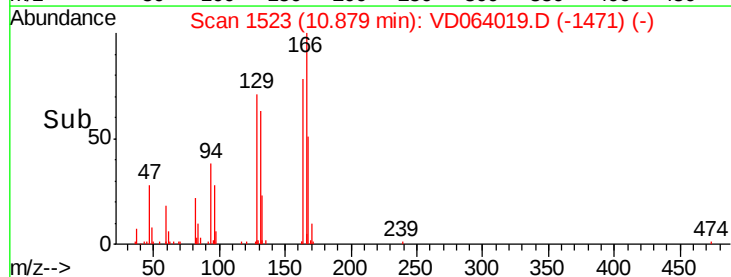
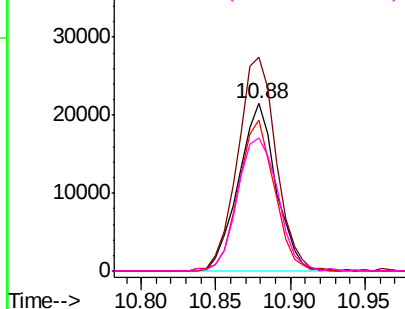


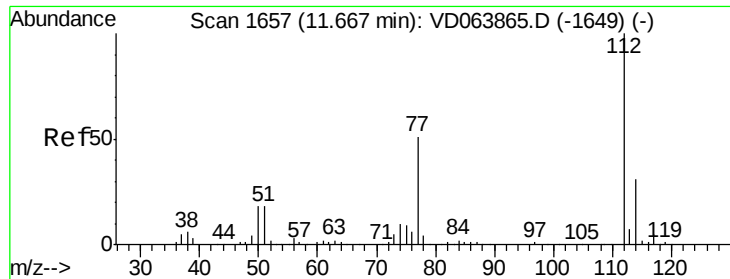
#64  
Tetrachloroethene  
Concen: 22.033 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Tgt Ion:164 Resp: 37367  
Ion Ratio Lower Upper  
164 100  
166 127.6 103.8 155.6  
129 90.6 68.9 103.3  
131 79.7 70.9 106.3



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

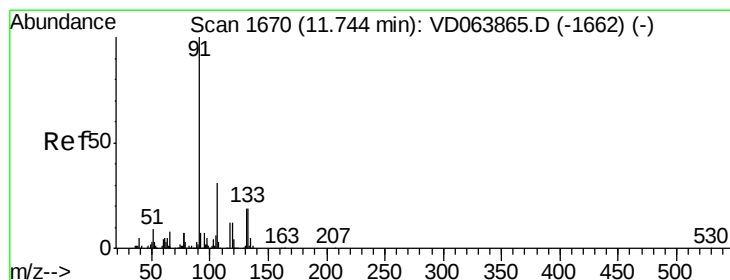
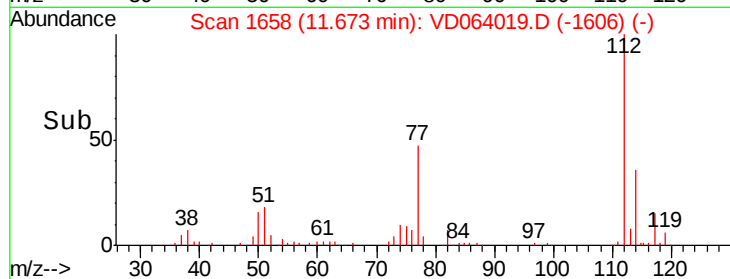
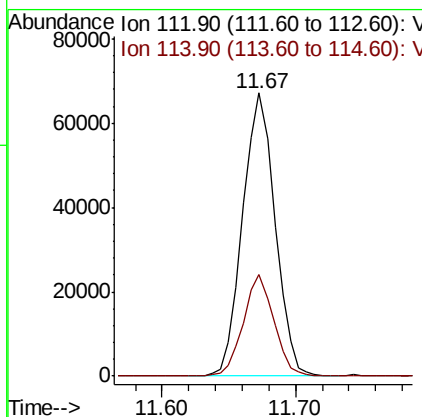
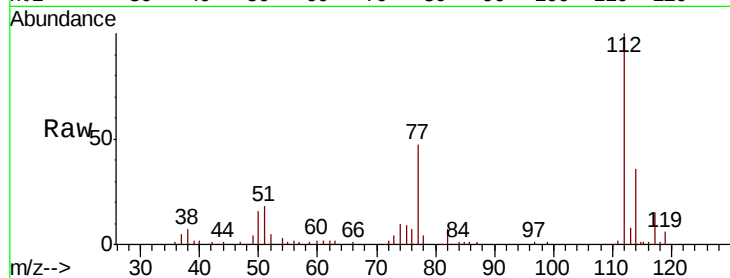




#65  
Chlorobenzene  
Concen: 22.610 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

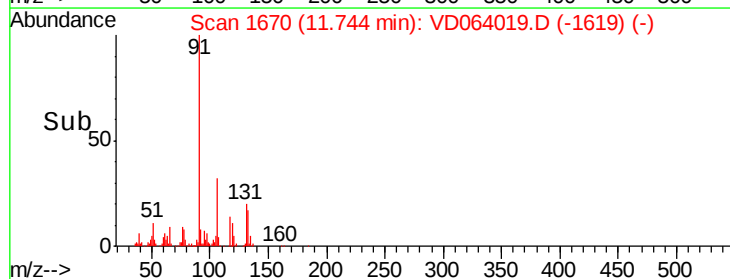
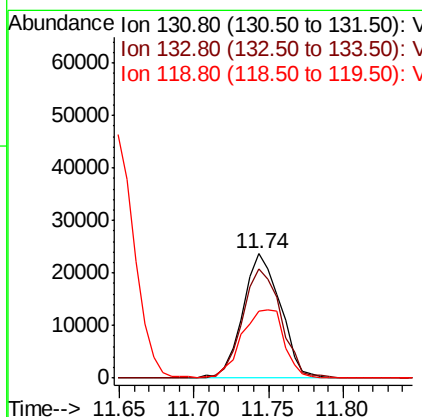
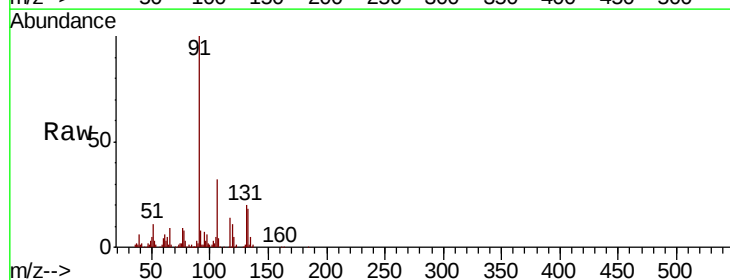
Instrument :  
MSVOA\_D  
ClientSampleId :

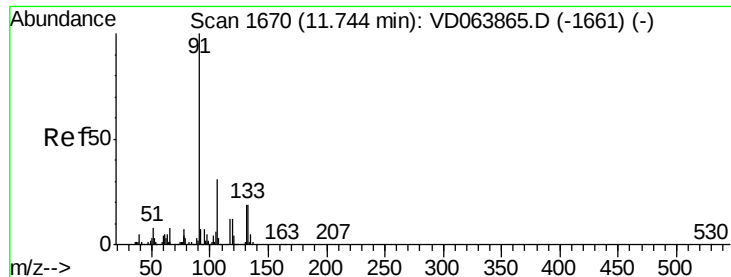
Tot Ion:112 Resp: 112804  
Ion Ratio Lower Upper  
112 100  
114 35.8 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.438 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Tgt Ion:131 Resp: 41250  
Ion Ratio Lower Upper  
131 100  
133 89.7 48.9 146.7  
119 62.3 32.6 97.8





#67

Ethyl Benzene

Concen: 22.331 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

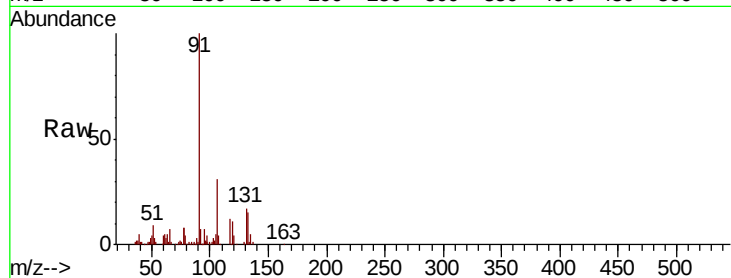
ClientSampled :

Tot Ion: 91 Resp: 200902

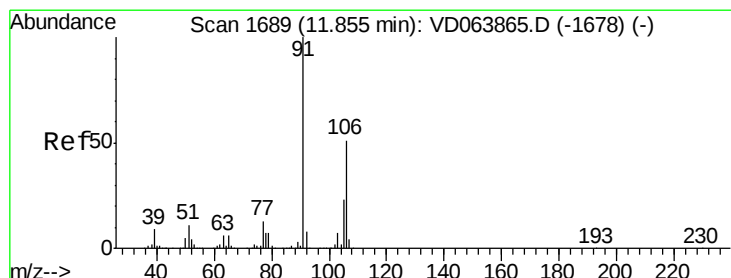
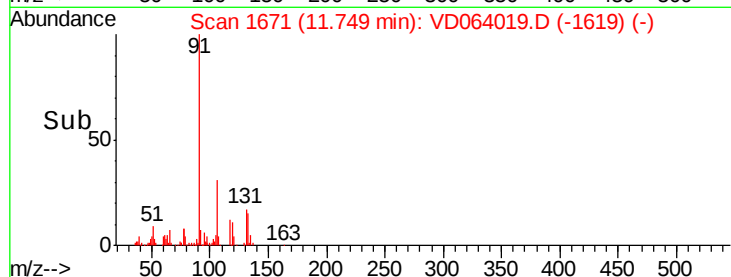
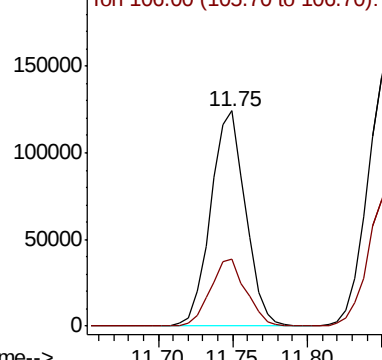
Ion Ratio Lower Upper

91 100

106 31.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 45.022 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064019.D

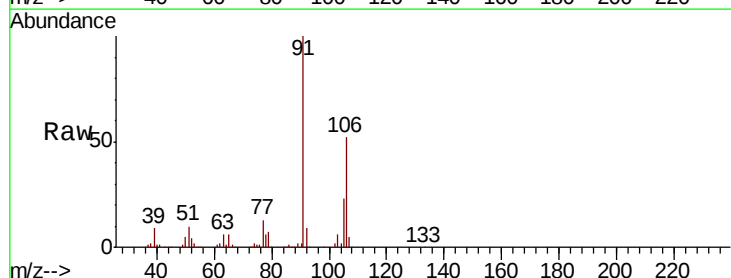
Acq: 23 Oct 2019 14:26

Tgt Ion: 106 Resp: 156336

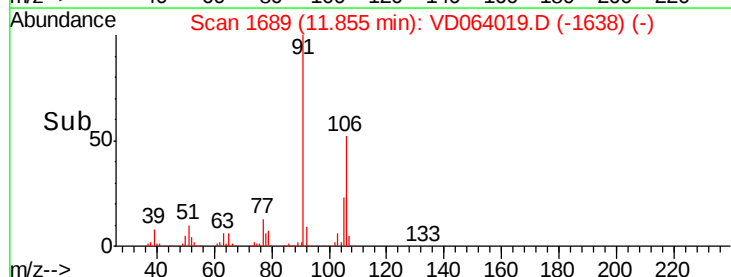
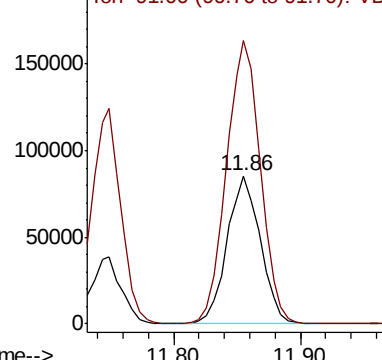
Ion Ratio Lower Upper

106 100

91 195.0 154.8 232.2



Abundance Ion 106.00 (105.70 to 106.70): V

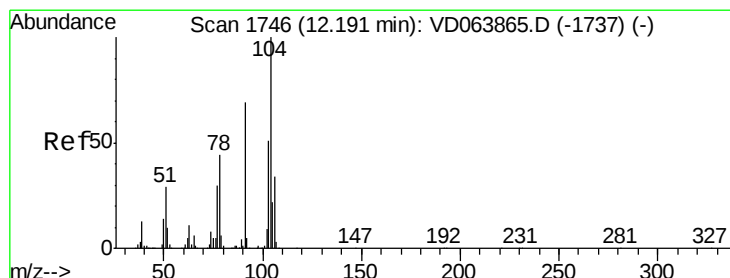
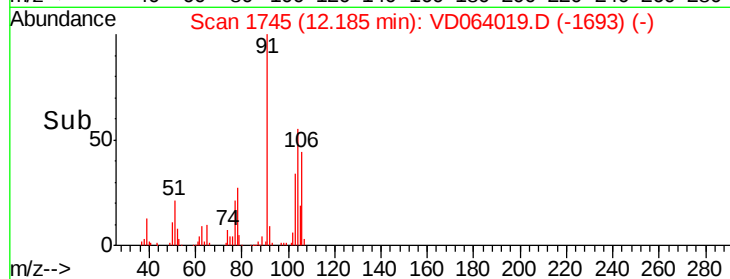
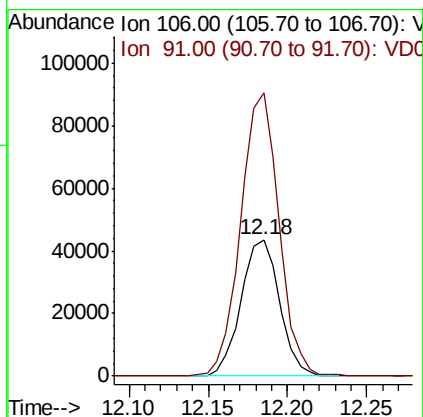
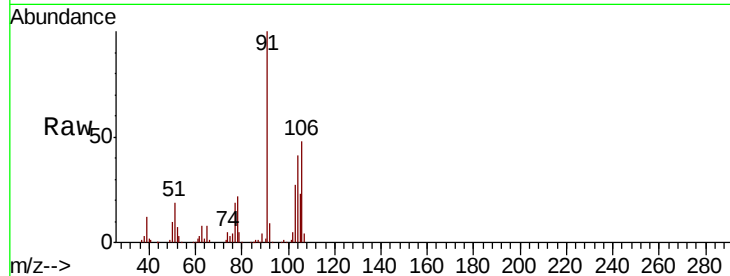




#69  
o-Xylene  
Concen: 22.084 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

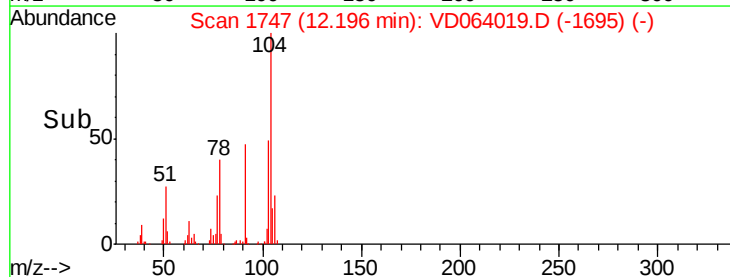
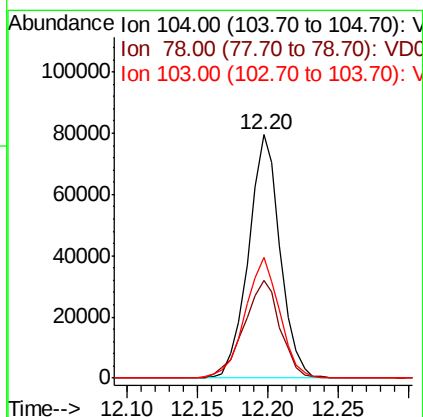
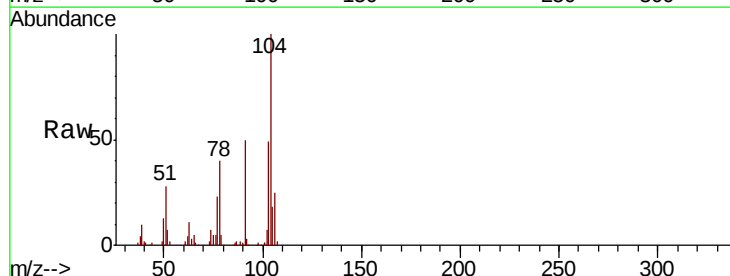
Instrument :  
MSVOA\_D  
ClientSampled :

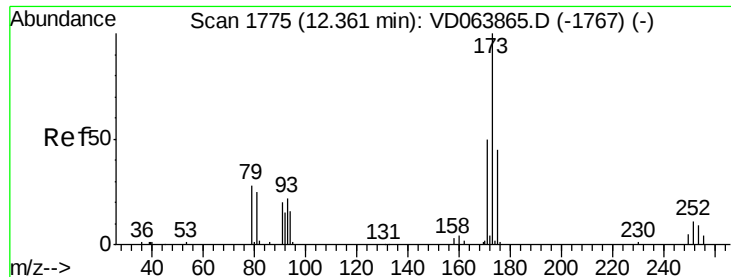
Tot Ion:106 Resp: 73431  
Ion Ratio Lower Upper  
106 100  
91 206.8 103.9 311.7



#70  
Styrene  
Concen: 22.225 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Tgt Ion:104 Resp: 125097  
Ion Ratio Lower Upper  
104 100  
78 45.8 37.0 55.4  
103 53.9 44.2 66.4





#71

Bromoform

Concen: 22.360 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

ClientSampleId :

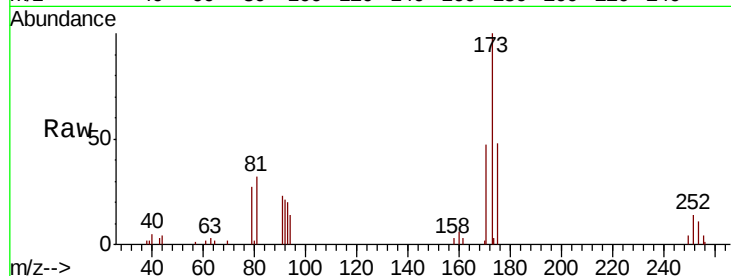
Tot Ion:173 Resp: 22061

Ion Ratio Lower Upper

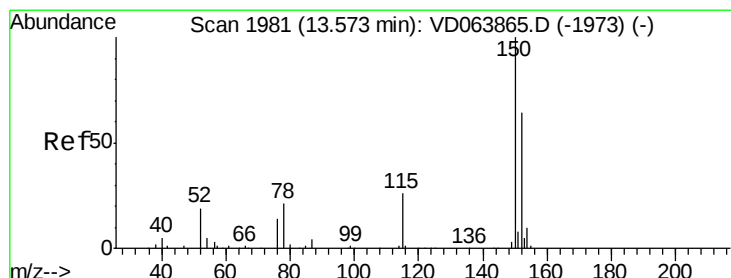
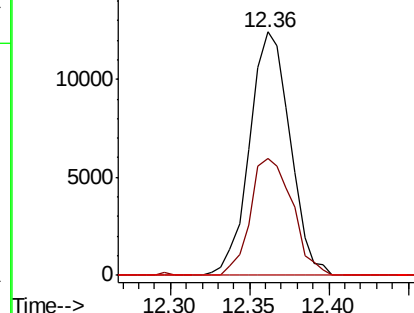
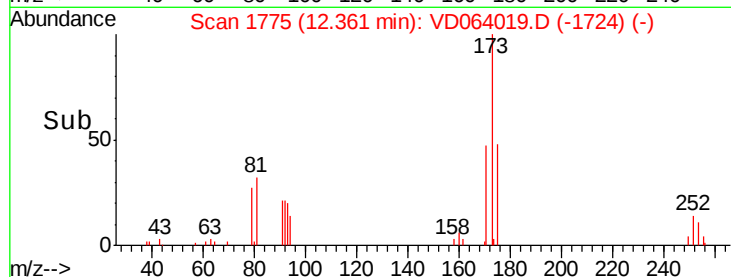
173 100

175 49.9 24.6 74.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

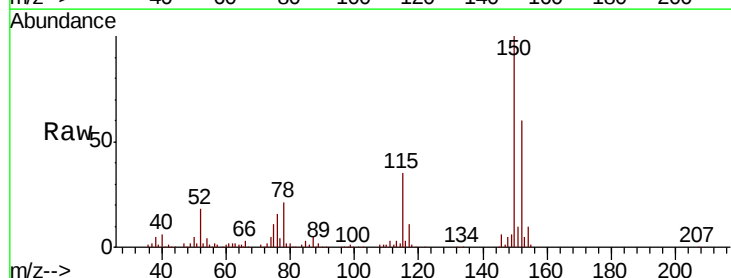
Tgt Ion:152 Resp: 137628

Ion Ratio Lower Upper

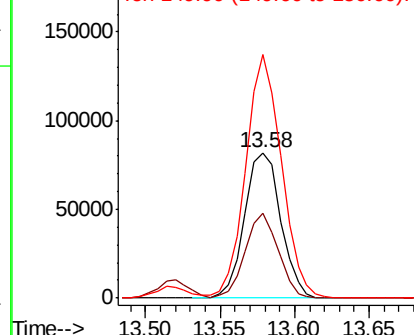
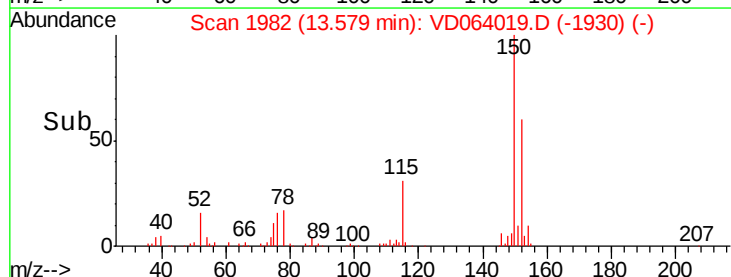
152 100

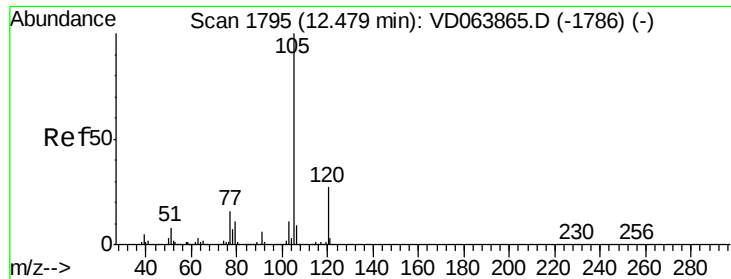
115 53.2 25.9 77.7

150 165.1 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: 21.895 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

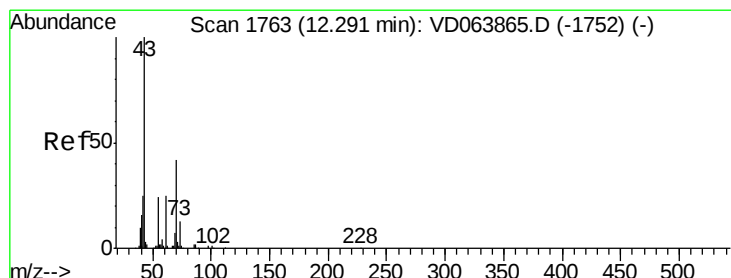
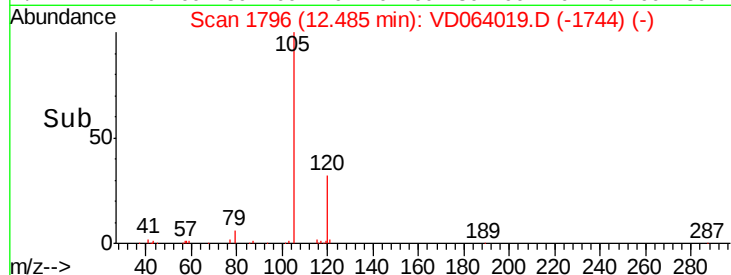
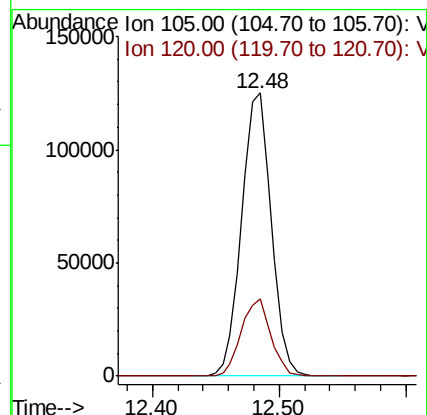
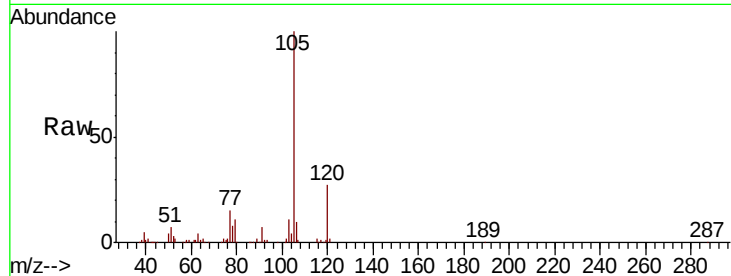
ClientSampleId :

Tot Ion:105 Resp: 202574

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.8



#74

N-ethyl acetate

Concen: 19.773 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Tgt Ion: 43 Resp: 39388

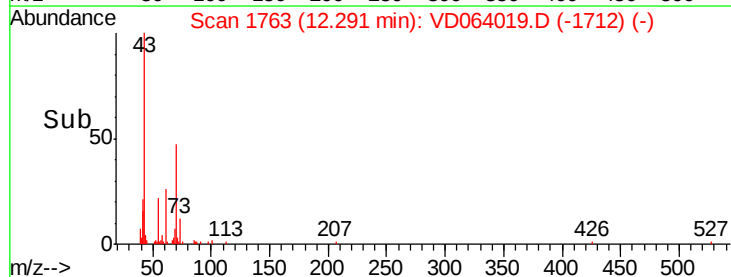
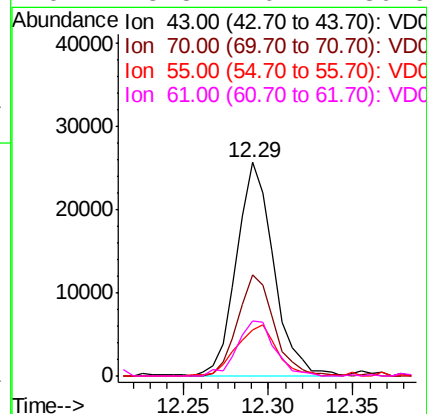
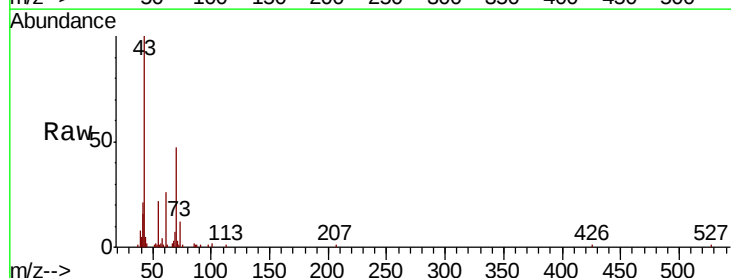
Ion Ratio Lower Upper

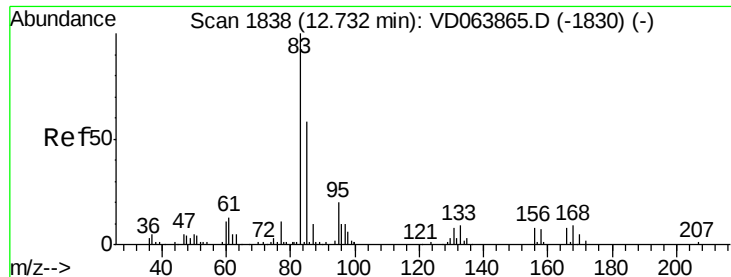
43 100

70 46.5 35.8 53.6

55 26.3 19.4 29.0

61 25.8 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.550 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

ClientSampleId :

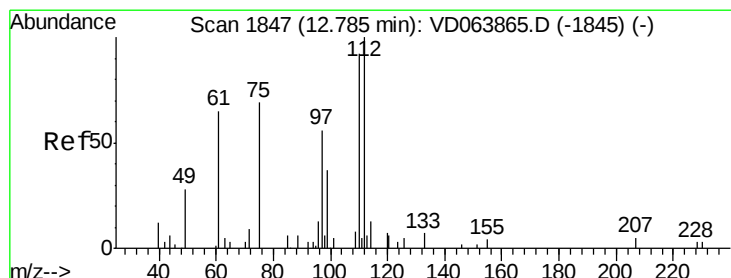
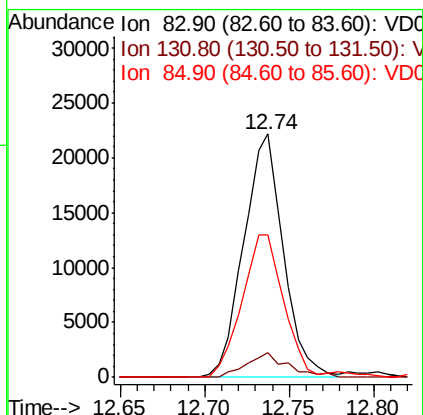
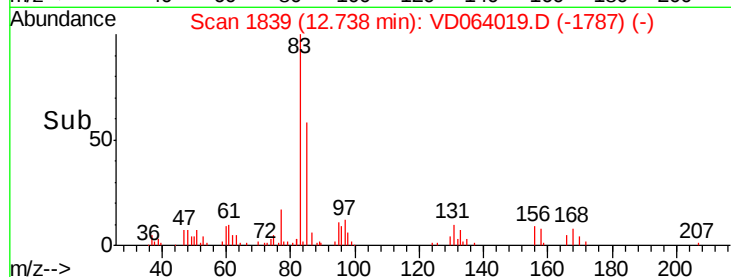
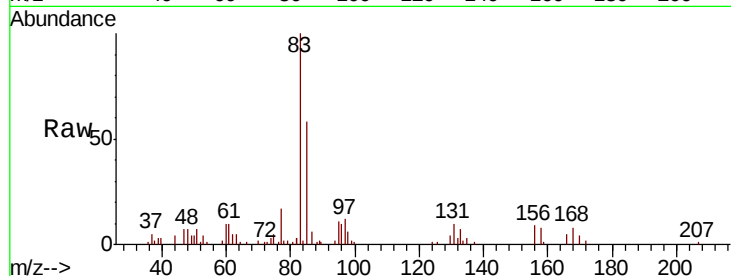
Tot Ion: 83 Resp: 36305

Ion Ratio Lower Upper

83 100

131 10.5 5.6 16.8

85 61.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 47.889 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD064019.D

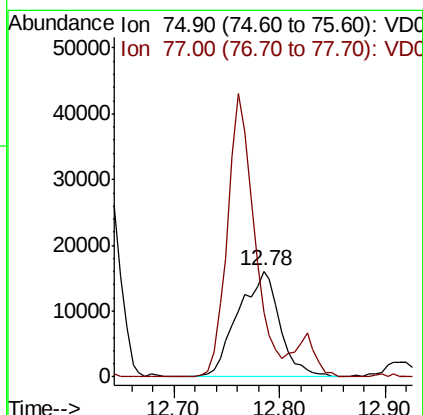
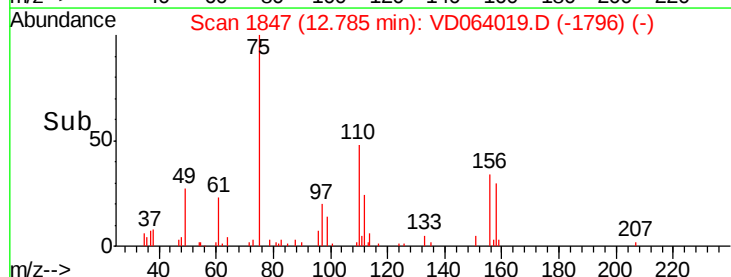
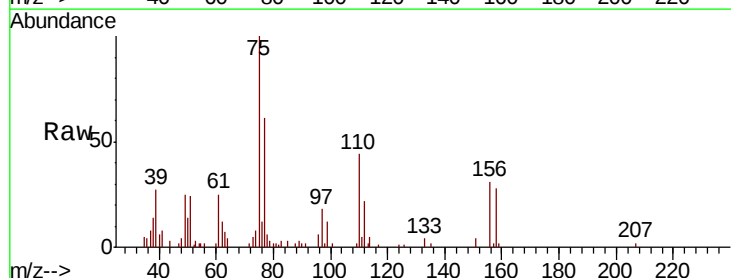
Acq: 23 Oct 2019 14:26

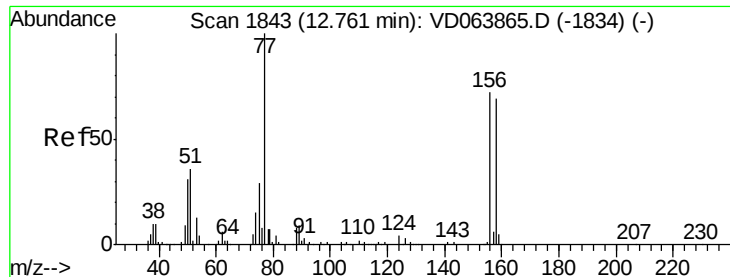
Tgt Ion: 75 Resp: 44144

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.460 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

ClientSampleId :

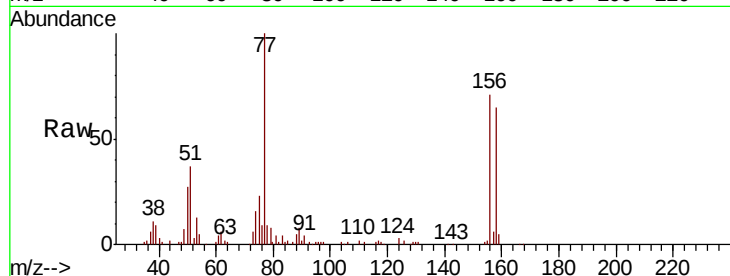
Tot Ion:156 Resp: 49466

Ion Ratio Lower Upper

156 100

77 154.0 80.3 241.0

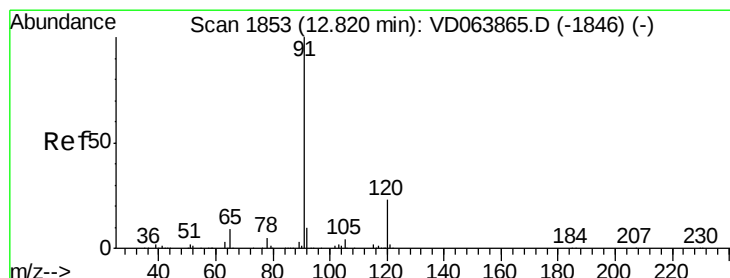
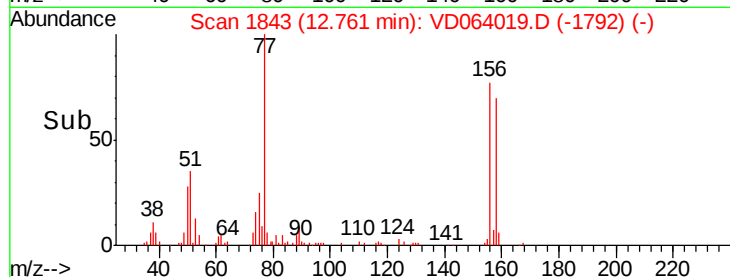
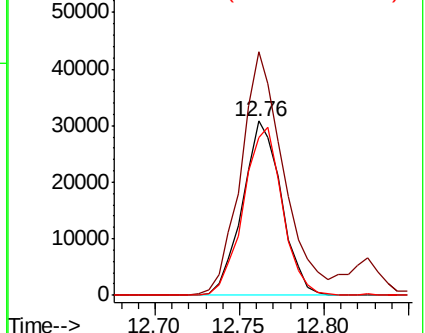
158 96.5 47.4 142.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.215 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD064019.D

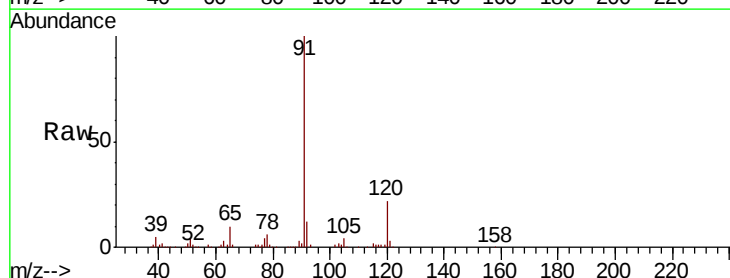
Acq: 23 Oct 2019 14:26

Tgt Ion: 91 Resp: 241257

Ion Ratio Lower Upper

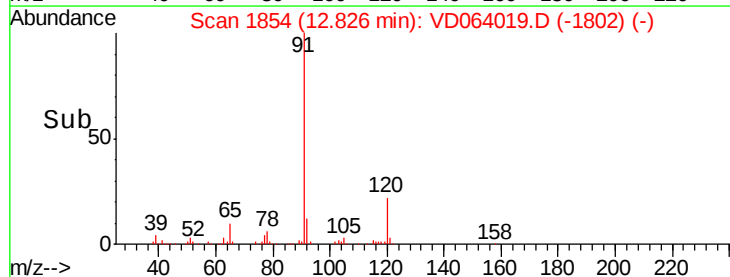
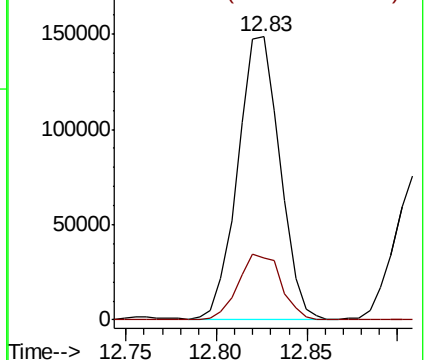
91 100

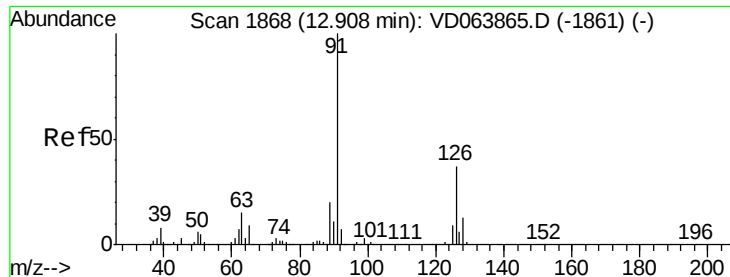
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

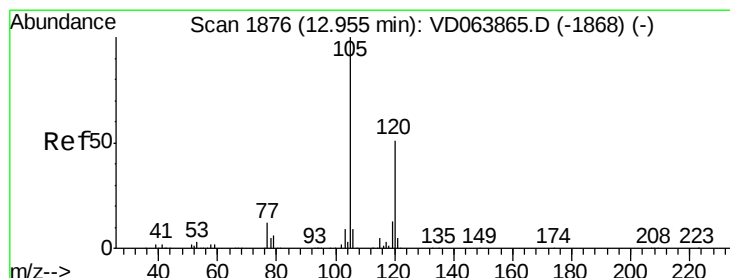
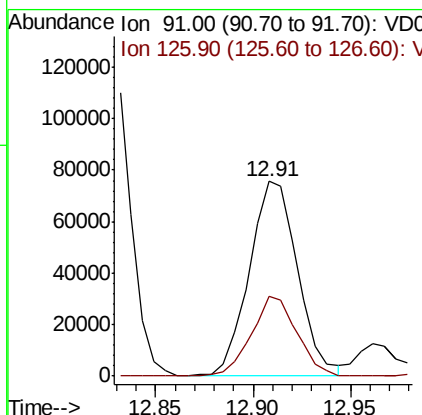
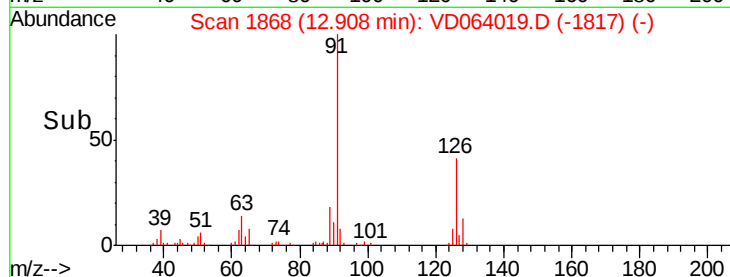
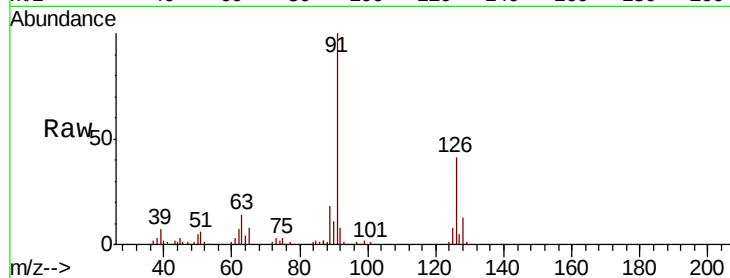




#79  
 2-Chlorotoluene  
 Concen: 21.726 ug/l  
 RT: 12.91 min Scan# 1868  
 Delta R.T. -0.00 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

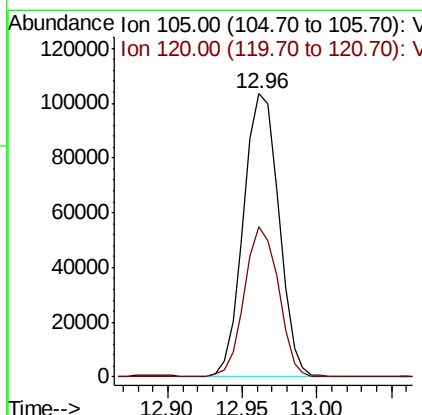
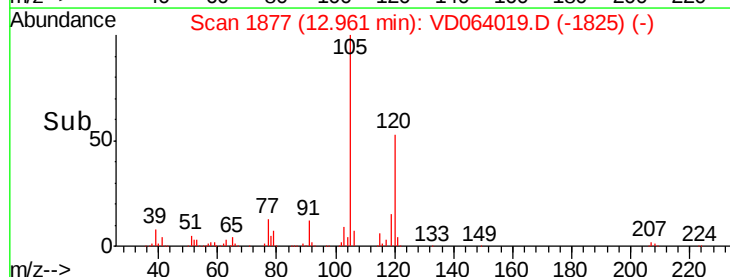
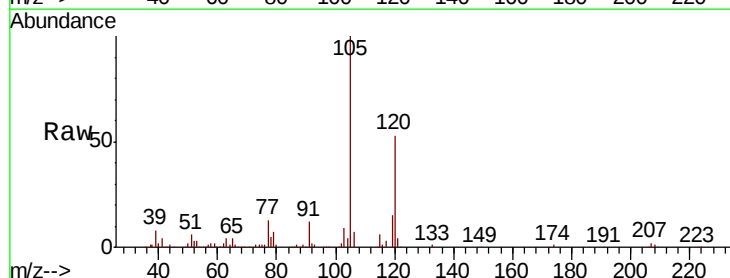
Instrument :  
 MSVOA\_D  
 ClientSampleID :

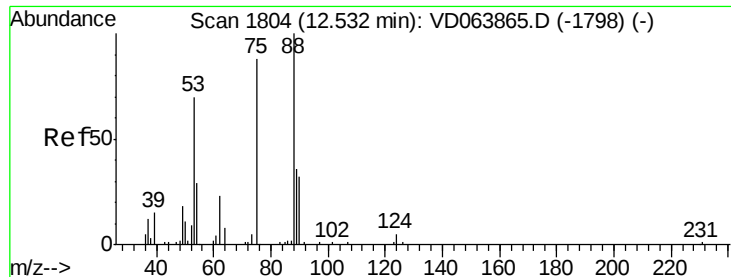
Tot Ion: 91 Resp: 130101  
 Ion Ratio Lower Upper  
 91 100  
 126 38.4 18.4 55.2



#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.942 ug/l  
 RT: 12.96 min Scan# 1877  
 Delta R.T. 0.01 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Tgt Ion:105 Resp: 169364  
 Ion Ratio Lower Upper  
 105 100  
 120 51.2 25.9 77.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.090 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

ClientSampleId :

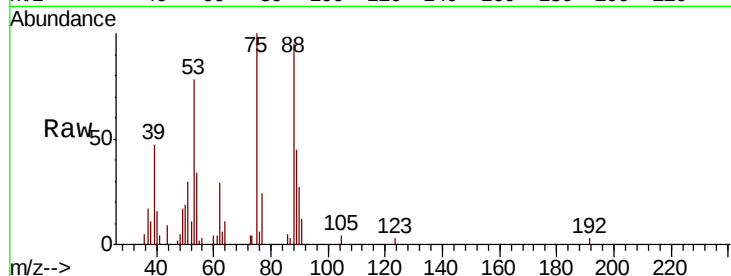
Tot Ion: 75 Resp: 10465

Ion Ratio Lower Upper

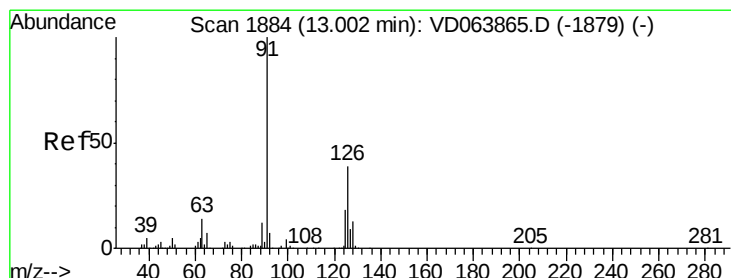
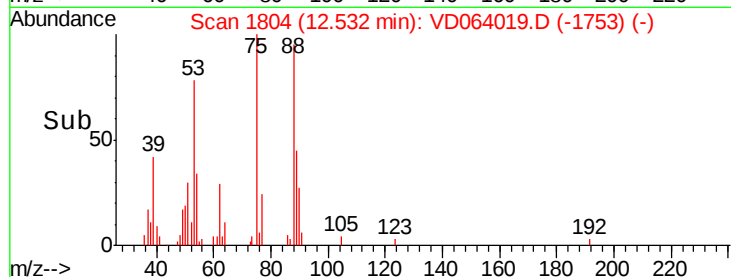
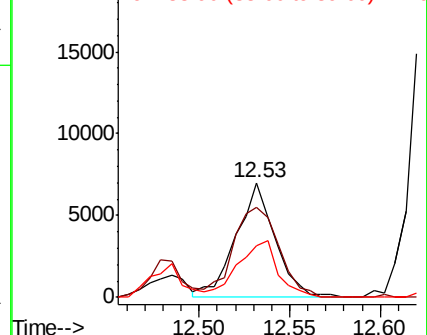
75 100

53 92.3 75.0 112.6

89 51.0 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: 21.317 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VD064019.D

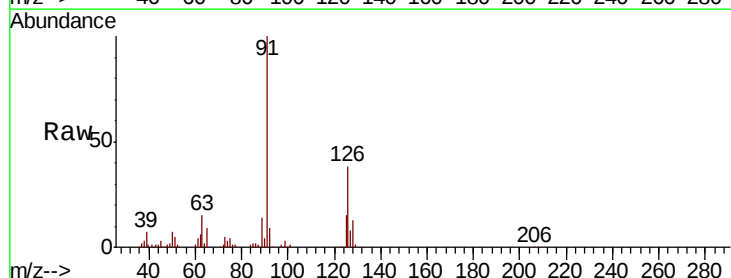
Acq: 23 Oct 2019 14:26

Tgt Ion: 91 Resp: 135409

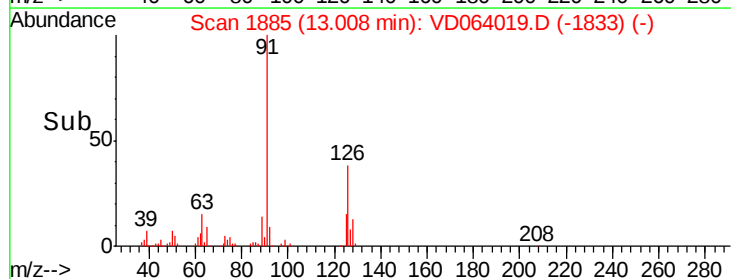
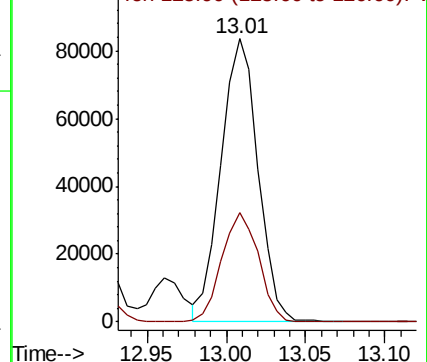
Ion Ratio Lower Upper

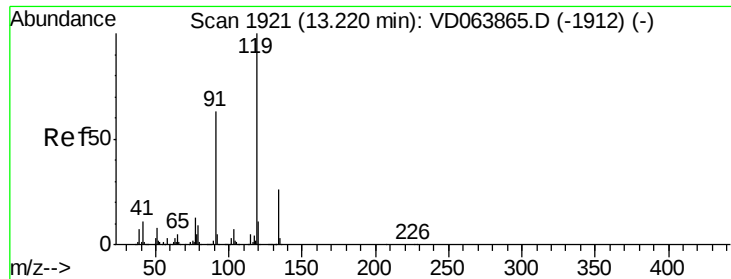
91 100

126 38.2 18.6 55.8



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

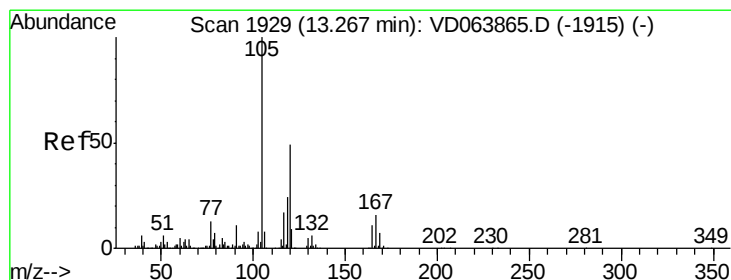
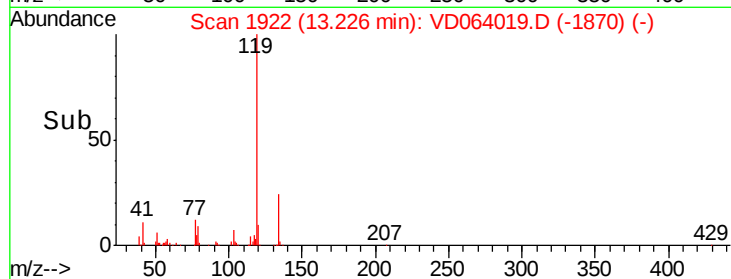
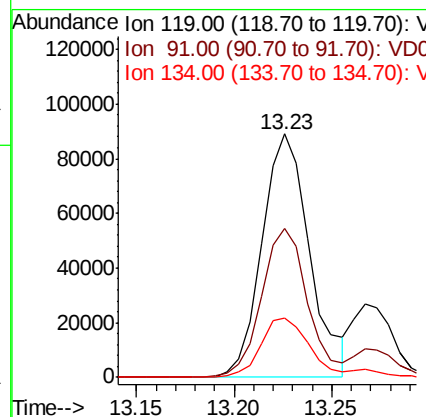
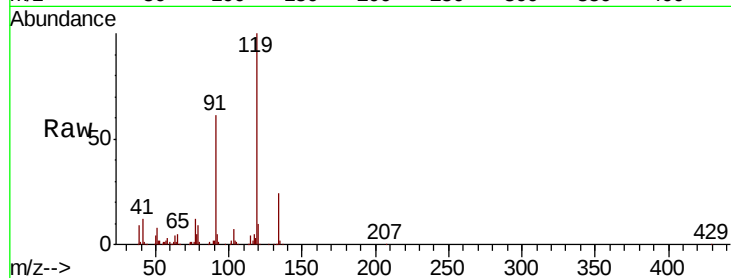




#83  
tert-Butylbenzene  
Concen: 21.927 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

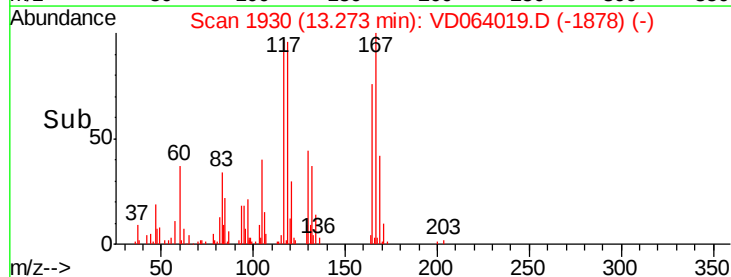
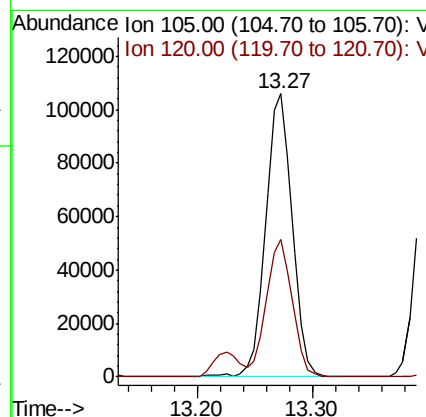
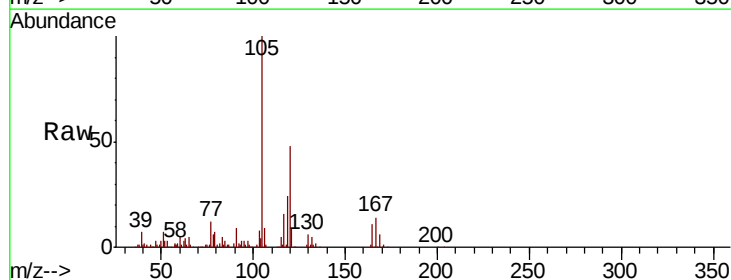
Instrument :  
MSVOA\_D  
ClientSampleId :

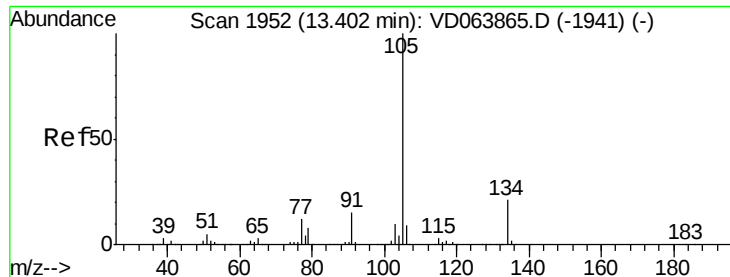
Tot Ion:119 Resp: 150630  
Ion Ratio Lower Upper  
119 100  
91 58.9 30.0 90.0  
134 24.4 13.0 38.9



#84  
1,2,4-Trimethylbenzene  
Concen: 21.327 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Tgt Ion:105 Resp: 169713  
Ion Ratio Lower Upper  
105 100  
120 47.5 23.8 71.5





#85

sec-Butylbenzene

Concen: 22.661 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

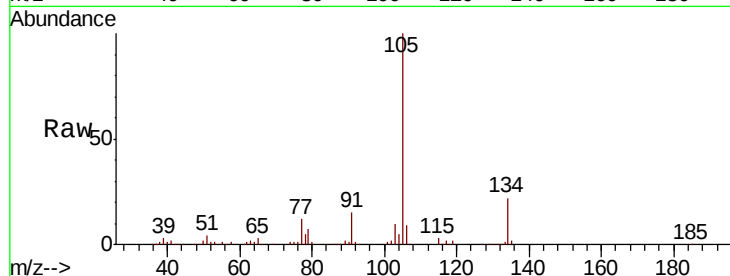
ClientSampled :

Tot Ion:105 Resp: 210231

Ion Ratio Lower Upper

105 100

134 20.7 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

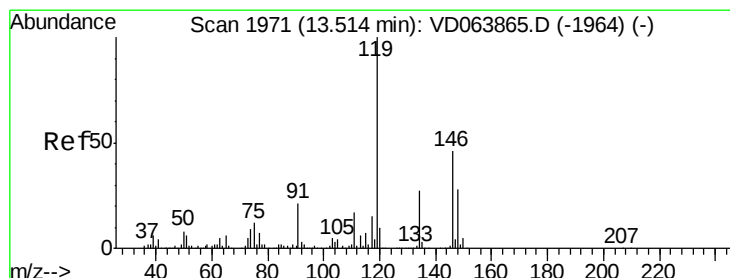
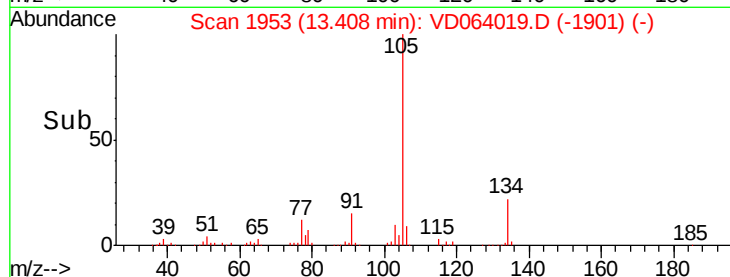
150000

100000

50000

0

Time--> 13.30 13.40 13.50



#86

p-Isopropyltoluene

Concen: 21.935 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

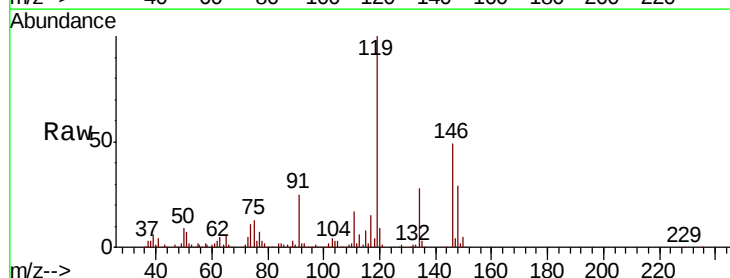
Tgt Ion:119 Resp: 192560

Ion Ratio Lower Upper

119 100

134 27.1 13.9 41.6

91 23.0 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

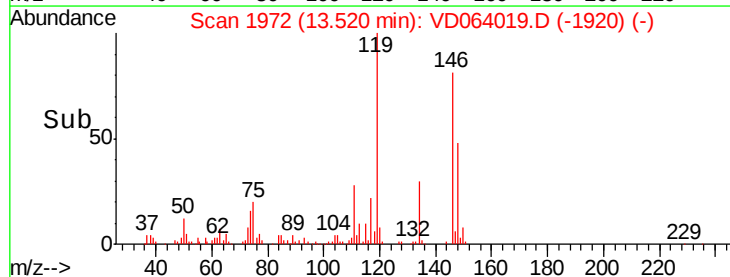
150000

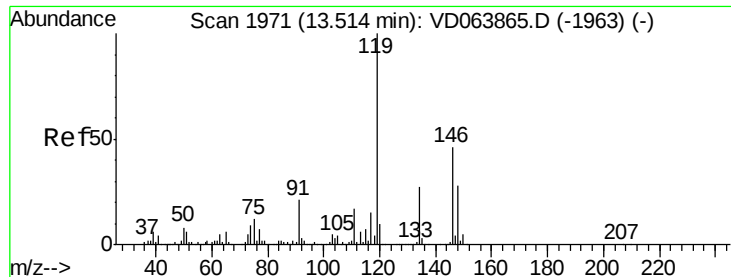
100000

50000

0

Time--> 13.45 13.50 13.55





#87

1,3-Dichlorobenzene

Concen: 21.614 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

ClientSampleId :

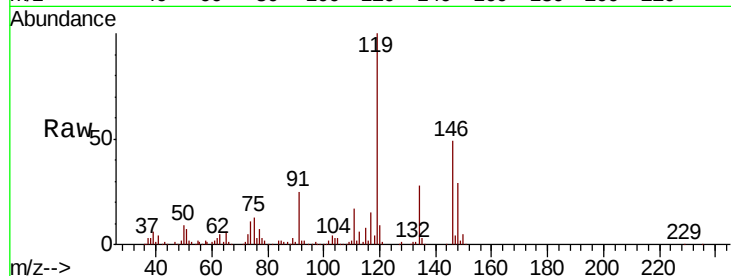
Tot Ion:146 Resp: 98445

Ion Ratio Lower Upper

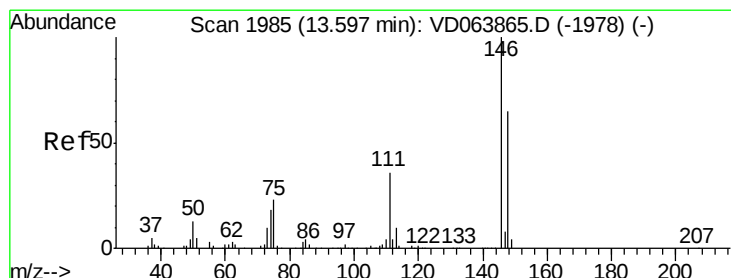
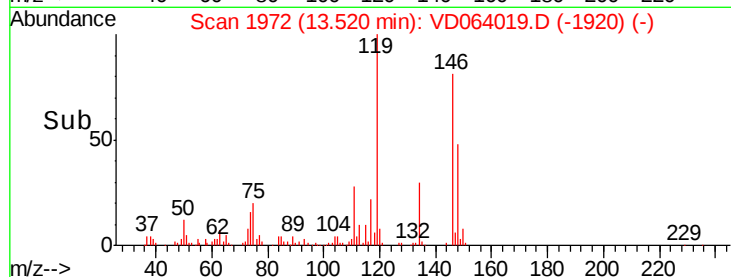
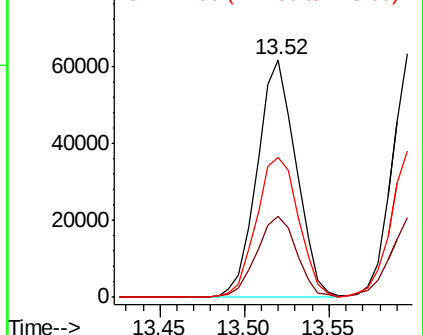
146 100

111 35.1 18.3 54.9

148 63.7 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: 22.256 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

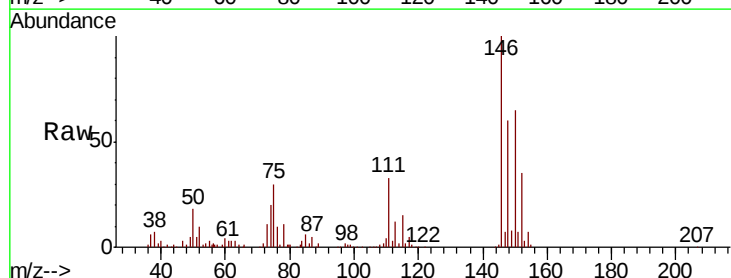
Tgt Ion:146 Resp: 100003

Ion Ratio Lower Upper

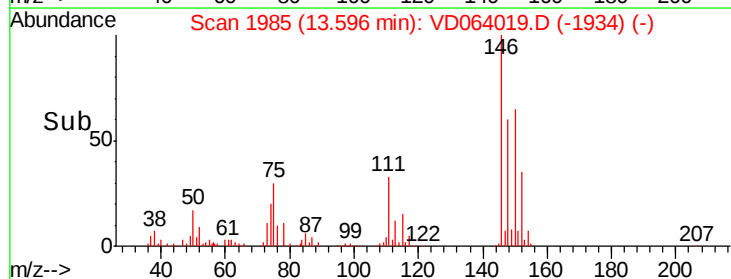
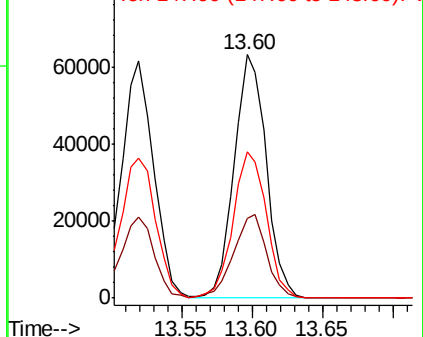
146 100

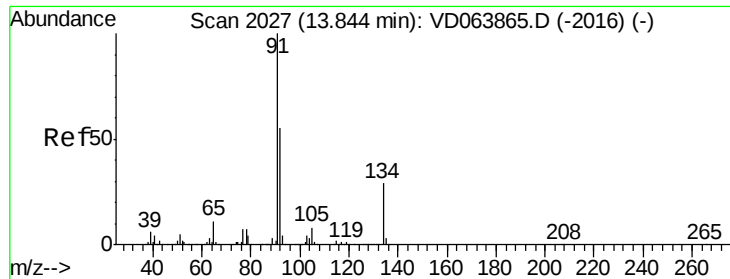
111 35.8 18.6 56.0

148 62.2 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: 22.385 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

ClientSampleId :

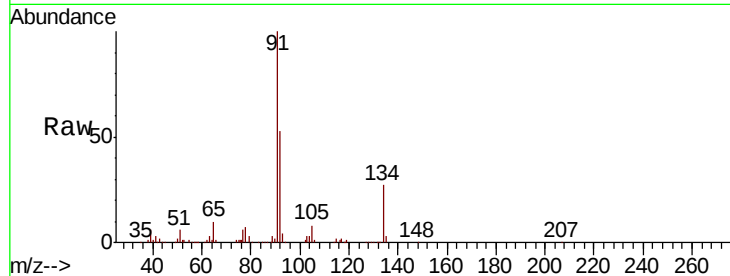
Tot Ion: 91 Resp: 182912

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.5  | 26.8  | 80.3  |
| 134 | 27.9  | 14.4  | 43.0  |

91 100

92 52.5 26.8 80.3

134 27.9 14.4 43.0

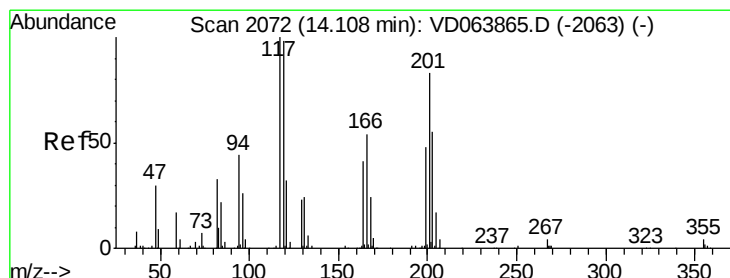
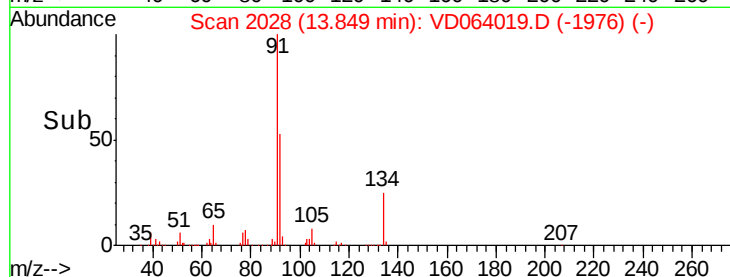
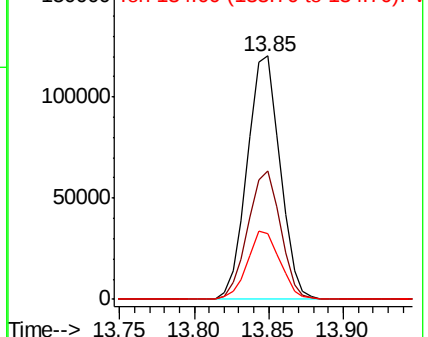


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.645 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. 0.01 min

Lab File: VD064019.D

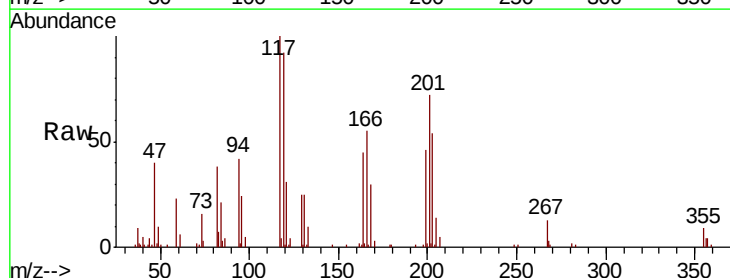
Acq: 23 Oct 2019 14:26

Tgt Ion: 117 Resp: 34175

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 81.3  | 40.6  | 121.7 |

117 100

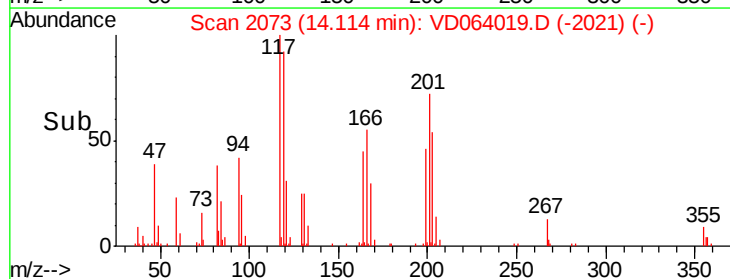
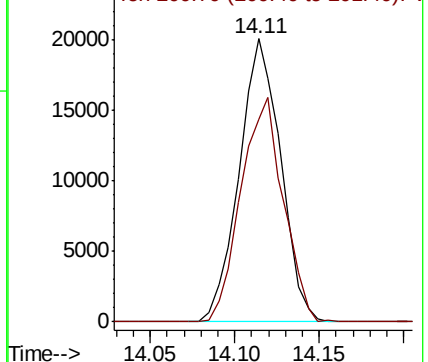
201 81.3 40.6 121.7

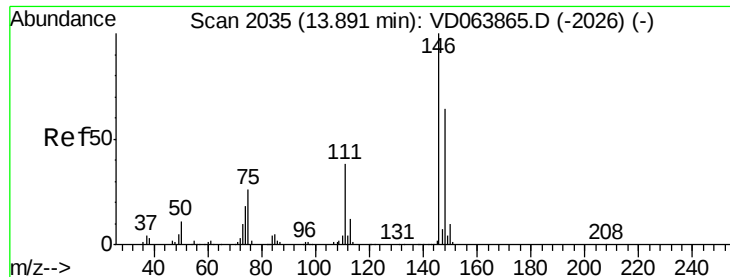


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 22.245 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

Instrument :

MSVOA\_D

ClientSampleId :

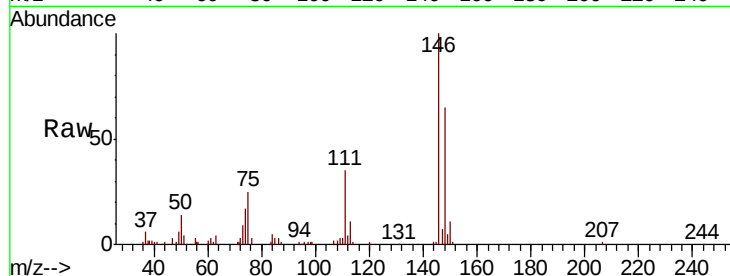
Tot Ion:146 Resp: 87314

Ion Ratio Lower Upper

146 100

111 37.8 18.6 55.6

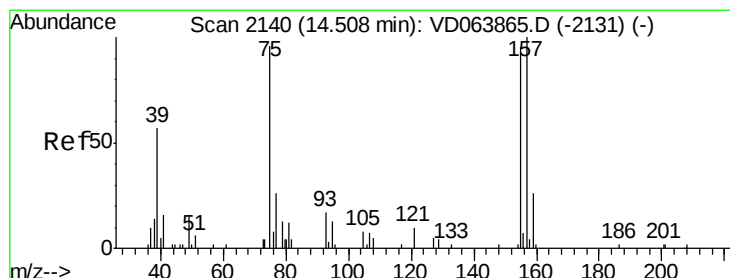
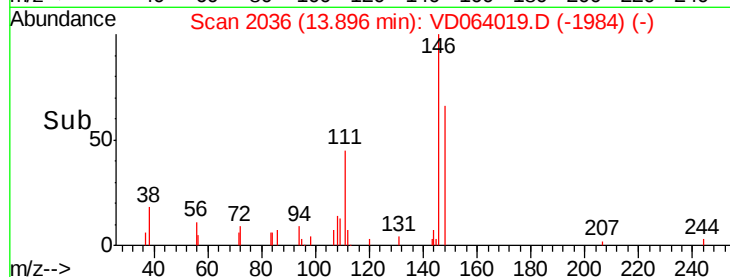
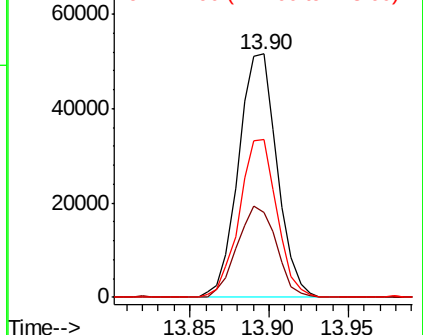
148 63.1 31.6 95.0



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: 20.535 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VD064019.D

Acq: 23 Oct 2019 14:26

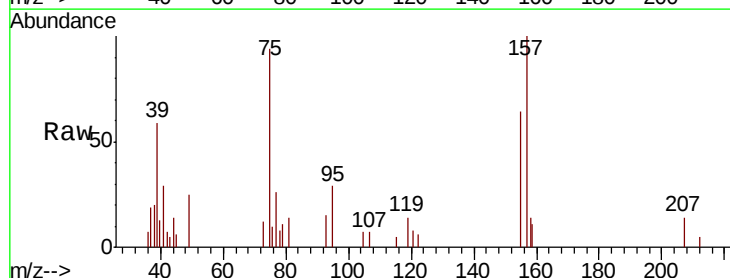
Tgt Ion: 75 Resp: 5499

Ion Ratio Lower Upper

75 100

155 84.1 43.9 131.6

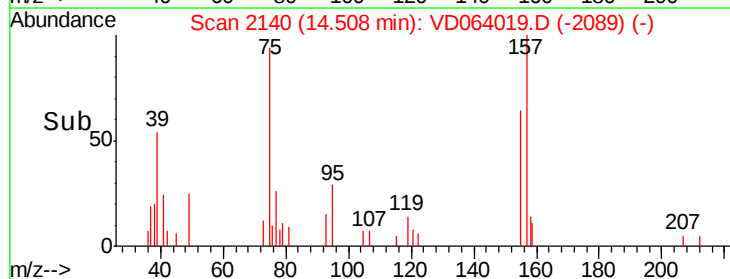
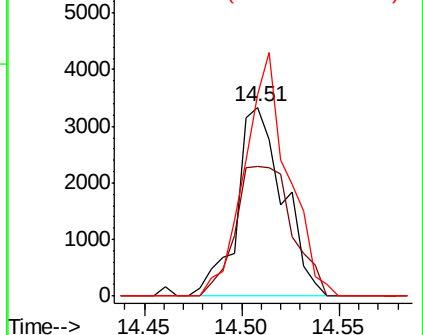
157 120.9 56.0 167.9

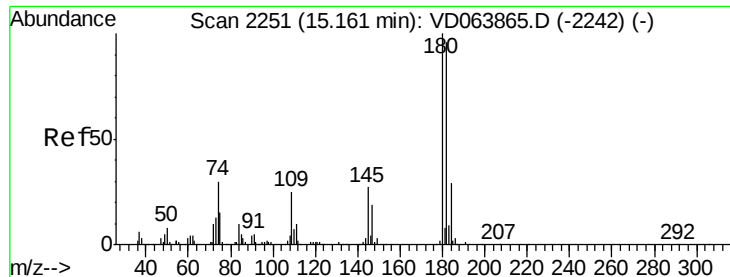


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

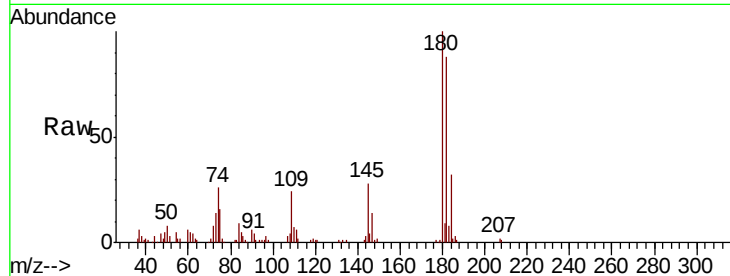




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.522 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. 0.01 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

Instrument :  
 MSVOA\_D  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.1  | 47.4  | 142.3 |
| 145     | 30.8  | 13.9  | 41.7  |

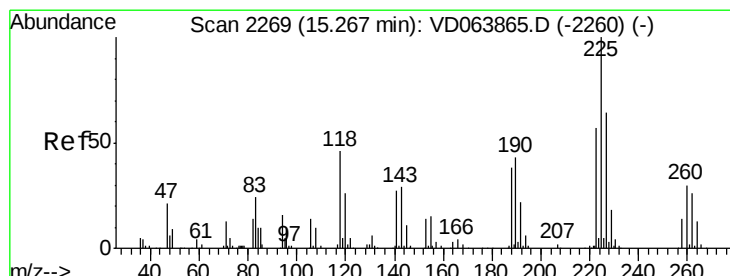
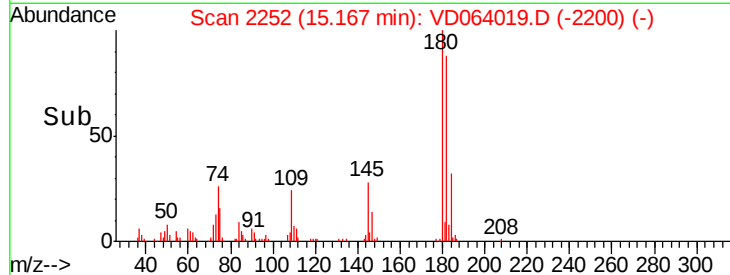
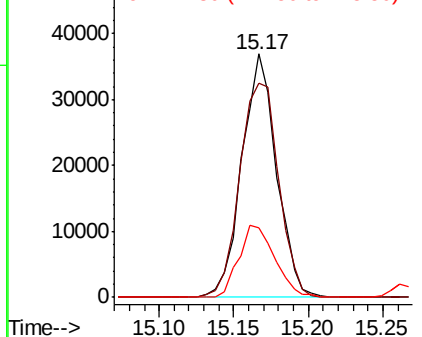


Abundance

Ion 179.80 (179.50 to 180.50): V

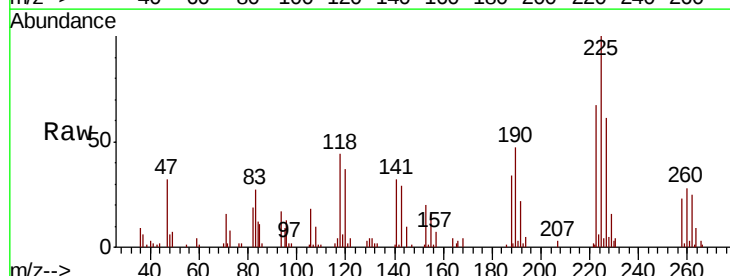
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 21.025 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.01 min  
 Lab File: VD064019.D  
 Acq: 23 Oct 2019 14:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.5  | 29.5  | 88.6  |
| 227     | 62.0  | 30.8  | 92.4  |

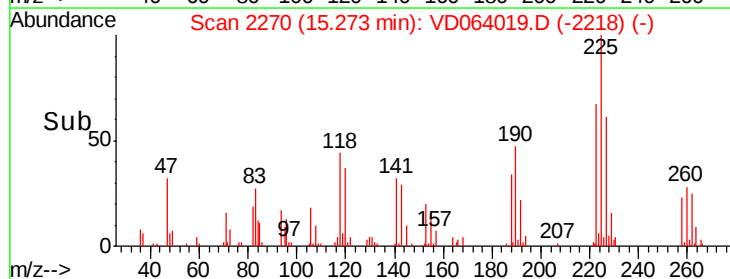
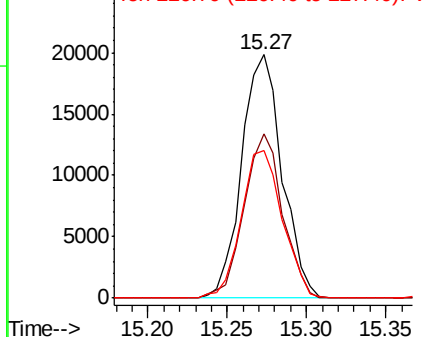


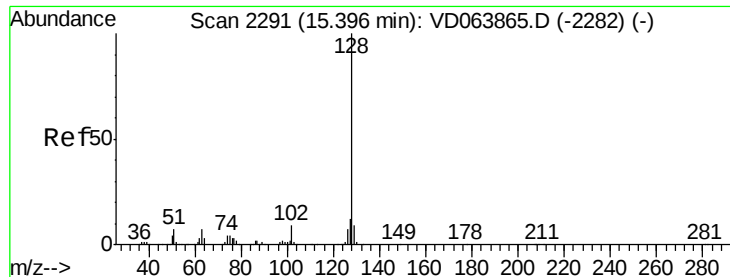
Abundance

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

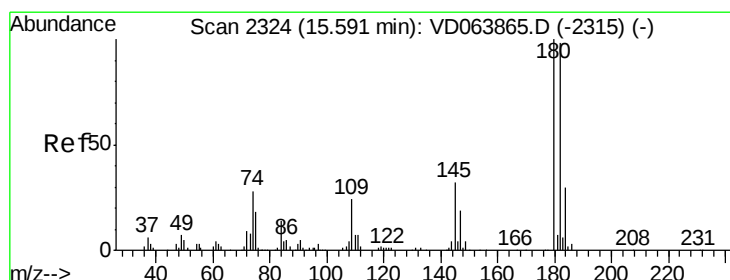
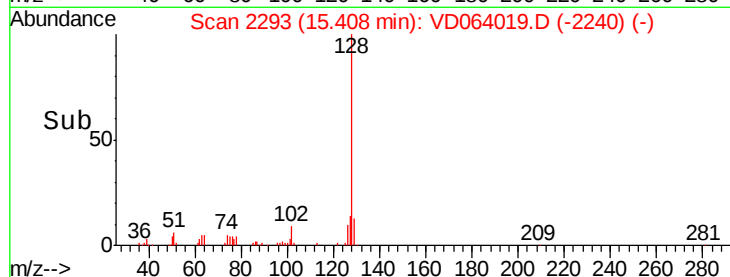
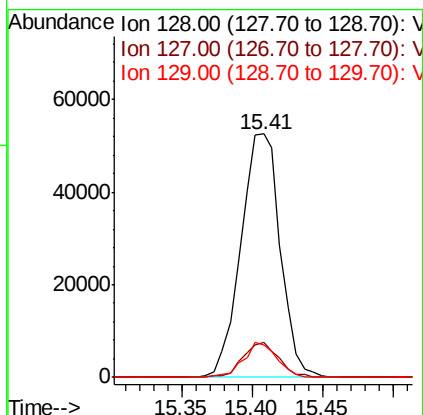
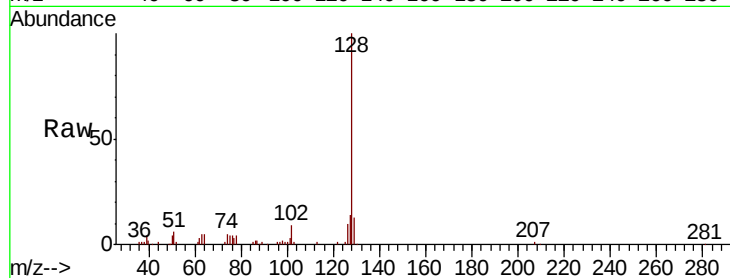




#95  
Naphthalene  
Concen: 20.160 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:128 Resp: 102624  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.6 16.0  
129 12.2 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 21.080 ug/l  
RT: 15.60 min Scan# 2325  
Delta R.T. 0.01 min  
Lab File: VD064019.D  
Acq: 23 Oct 2019 14:26

Tgt Ion:180 Resp: 55082  
Ion Ratio Lower Upper  
180 100  
182 93.0 47.0 141.0  
145 27.3 15.3 45.9

