

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\  
 Data File : VD065428.D  
 Acq On : 05 Mar 2020 13:46  
 Operator : VA/SY  
 Sample : L1161-03 4PPBMDL  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Mar 06 04:19:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D030420S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 06 04:16:29 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.99  | 168  | 454950   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 699258   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 624557   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 305519   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.34   | 65  | 209461   | 53.67 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.34% |      |
| 35) Dibromofluoromethane  | 7.92   | 113 | 217616   | 50.32 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.64% |      |
| 50) Toluene-d8            | 10.34  | 98  | 834371   | 50.30 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.60% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 258186   | 50.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.82% |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 17322  | 4.430  | ug/l   | 94     |
| 3) Chloromethane              | 2.21 | 50  | 21334  | 4.519  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.35 | 62  | 20860  | 4.480  | ug/l   | 96     |
| 5) Bromomethane               | 2.77 | 94  | 15864  | 5.329  | ug/l   | 94     |
| 6) Chloroethane               | 2.93 | 64  | 12784  | 4.483  | ug/l   | 89     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 32339  | 4.714  | ug/l   | 96     |
| 8) Diethyl Ether              | 3.71 | 74  | 9305   | 4.561  | ug/l   | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 20797  | 4.707  | ug/l   | 95     |
| 10) Methyl Iodide             | 4.30 | 142 | 16962  | 3.695  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.24 | 59  | 4249   | 18.982 | ug/l # | 76     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 19104  | 4.515  | ug/l   | 82     |
| 13) Acrolein                  | 3.93 | 56  | 8188   | 21.209 | ug/l   | 93     |
| 14) Allyl chloride            | 4.71 | 41  | 28205  | 4.339  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.43 | 53  | 18122  | 20.417 | ug/l   | 96     |
| 16) Acetone                   | 4.16 | 43  | 17725  | 22.458 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.40 | 76  | 62808  | 4.458  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.73 | 43  | 9596   | 4.793  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 5.49 | 73  | 32261  | 3.965  | ug/l # | 90     |
| 20) Methylene Chloride        | 4.97 | 84  | 32755  | 6.709  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 21351  | 4.536  | ug/l   | 90     |
| 22) Diisopropyl ether         | 6.37 | 45  | 47401  | 3.923  | ug/l # | 94     |
| 23) Vinyl Acetate             | 6.31 | 43  | 120344 | 17.938 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 34638  | 4.469  | ug/l   | 99     |
| 25) 2-Butanone                | 7.23 | 43  | 20157  | 18.715 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 29786  | 4.398  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 20225  | 4.204  | ug/l   | 96     |
| 28) Bromochloromethane        | 7.55 | 49  | 14152  | 4.564  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.57 | 42  | 13252  | 19.267 | ug/l   | 98     |
| 30) Chloroform                | 7.71 | 83  | 36418  | 4.701  | ug/l   | 90     |
| 31) Cyclohexane               | 7.99 | 56  | 37365  | 4.822  | ug/l # | 80     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 33241  | 4.644  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 28464  | 4.247  | ug/l   | 100    |
| 37) Ethyl Acetate             | 7.30 | 43  | 11391  | 4.397  | ug/l # | 78     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 30260  | 4.354  | ug/l   | 99     |

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 Sample : L1161-03 4PPBMDL  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Mar 06 04:19:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D030420S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 06 04:16:29 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 30772    | 3.801  | ug/l   | 96       |
| 40) Benzene                    | 8.36  | 78   | 81090    | 4.327  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.53  | 41   | 4118     | 3.006  | ug/l # | 68       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 21625    | 4.419  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 19419    | 4.059  | ug/l   | 100      |
| 44) Trichloroethene            | 9.11  | 130  | 22285    | 4.211  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 19808    | 4.363  | ug/l   | 94       |
| 46) Dibromomethane             | 9.48  | 93   | 10541    | 4.477  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.66  | 83   | 26431    | 4.315  | ug/l   | 91       |
| 48) Methyl methacrylate        | 9.46  | 41   | 8126     | 3.611  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 2336     | 86.728 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone       | 10.24 | 43   | 42339    | 17.588 | ug/l   | 94       |
| 52) Toluene                    | 10.41 | 92   | 51276    | 4.343  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 24186    | 4.225  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 27081    | 3.908  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 14268    | 4.278  | ug/l   | 92       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 12570    | 3.343  | ug/l   | 91       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 23986    | 4.251  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.95  | 63   | 19114    | 15.764 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.99 | 43   | 29897    | 17.941 | ug/l   | 93       |
| 60) Dibromochloromethane       | 11.14 | 129  | 18771    | 4.391  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 13213    | 4.153  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 19963    | 4.461  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.67 | 112  | 53922    | 4.363  | ug/l   | 92       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 19761    | 4.390  | ug/l   | 96       |
| 67) Ethyl Benzene              | 11.75 | 91   | 82459    | 3.861  | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.86 | 106  | 61935    | 7.521  | ug/l   | 97       |
| 69) o-Xylene                   | 12.18 | 106  | 27143    | 3.747  | ug/l   | 97       |
| 70) Styrene                    | 12.20 | 104  | 44496    | 3.490  | ug/l   | 98       |
| 71) Bromoform                  | 12.37 | 173  | 10833    | 4.285  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.48 | 105  | 72429    | 3.604  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.30 | 43   | 14644    | 3.560  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 15066    | 4.265  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 18892    | 7.836  | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 20735    | 4.153  | ug/l   | 94       |
| 78) n-propylbenzene            | 12.83 | 91   | 95550    | 4.007  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 54887    | 4.085  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 60922    | 3.688  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 3855     | 3.374  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 56381    | 3.993  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 50107    | 3.585  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 57631    | 3.539  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 73164    | 3.667  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 63644    | 3.496  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.53 | 146  | 40374    | 4.206  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 42192    | 4.419  | ug/l   | 94       |
| 89) n-Butylbenzene             | 13.86 | 91   | 62531    | 3.715  | ug/l   | 96       |
| 90) Hexachloroethane           | 14.11 | 117  | 15919    | 4.246  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 34854    | 4.267  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 2020     | 3.755  | ug/l   | 94       |

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Operator : VA/SY  
Sample : L1161-03 4PPBMDL  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

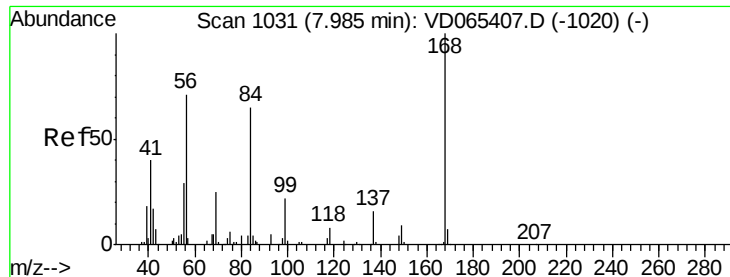
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Mar 06 04:19:25 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D030420S.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 06 04:16:29 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|-------|------|----------|-------|--------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 21598    | 3.901 | ug/l   | 97       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 15236    | 4.188 | ug/l   | 96       |
| 95) Naphthalene            | 15.41 | 128  | 28445    | 3.213 | ug/l # | 96       |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 18314    | 3.828 | ug/l   | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

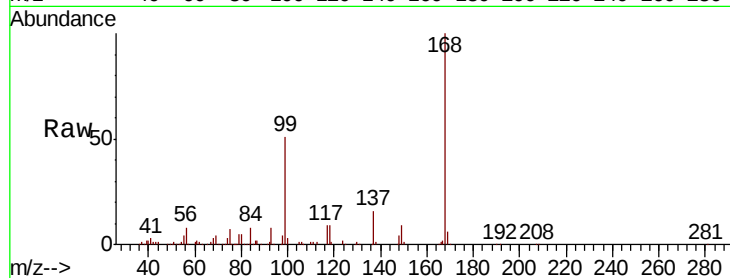
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:168 Resp: 454950

Ion Ratio Lower Upper

168 100

99 51.2 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

150000

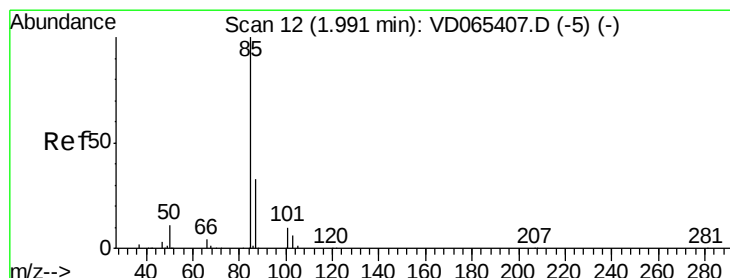
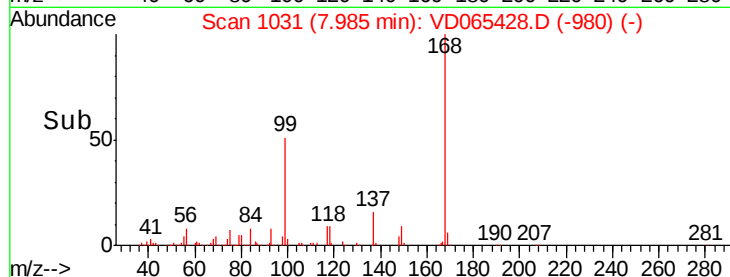
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 4.430 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065428.D

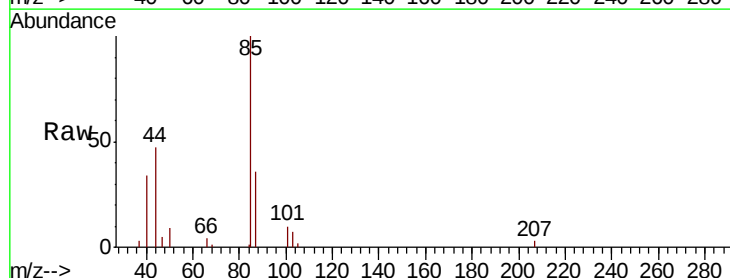
Acq: 05 Mar 2020 13:46

Tgt Ion: 85 Resp: 17322

Ion Ratio Lower Upper

85 100

87 36.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

15000

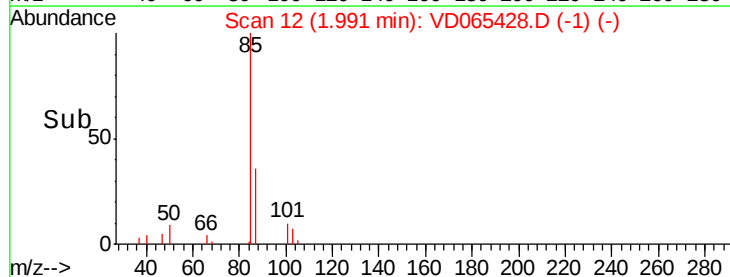
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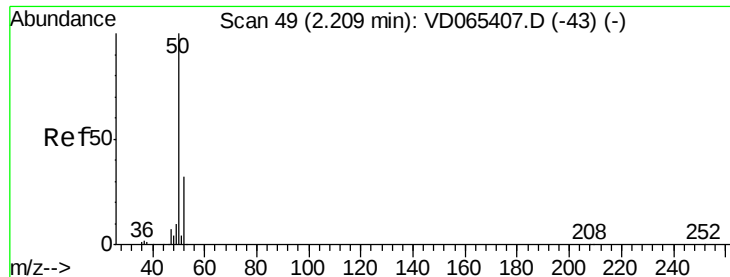
5000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 4.519 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

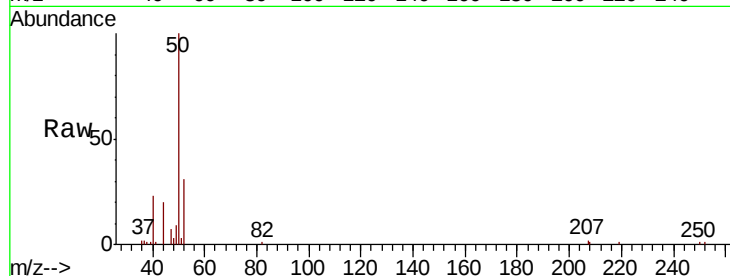
ClientSampleId :

Tot Ion: 50 Resp: 21334

Ion Ratio Lower Upper

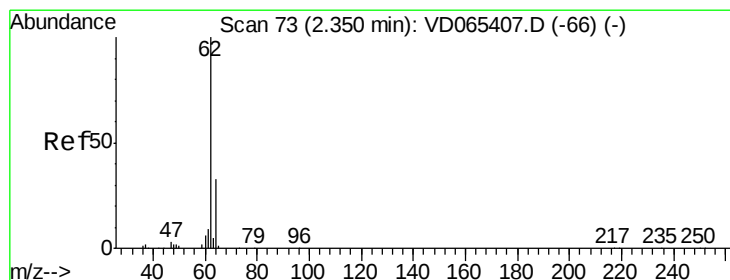
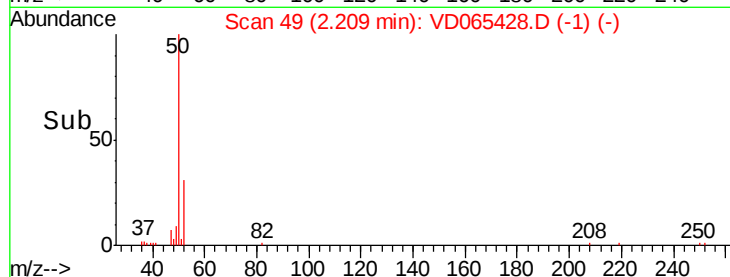
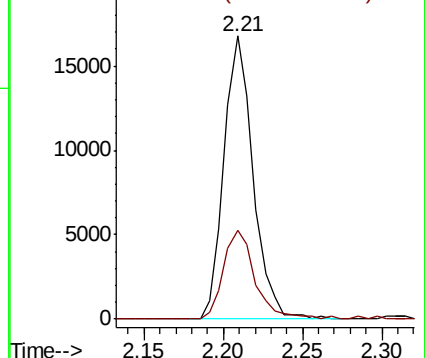
50 100

52 31.2 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 4.480 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065428.D

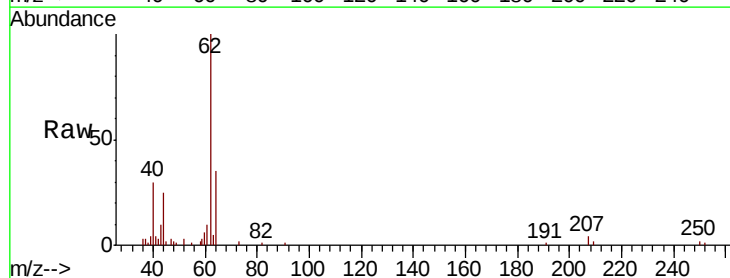
Acq: 05 Mar 2020 13:46

Tgt Ion: 62 Resp: 20860

Ion Ratio Lower Upper

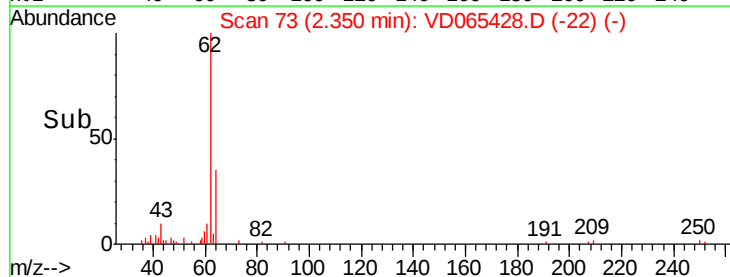
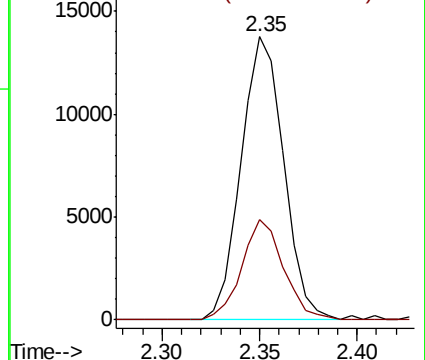
62 100

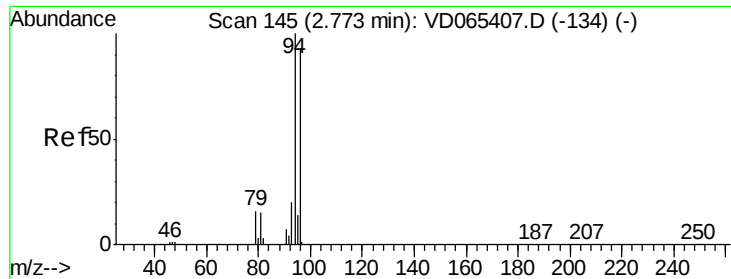
64 35.4 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 5.329 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

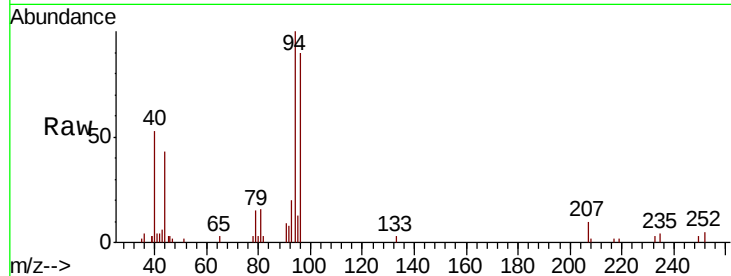
ClientSampleId :

Tot Ion: 94 Resp: 15864

Ion Ratio Lower Upper

94 100

96 87.7 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

8000

6000

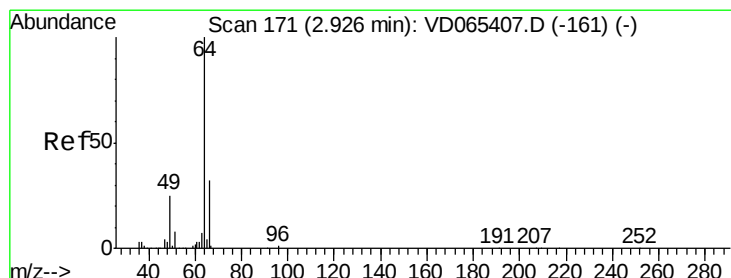
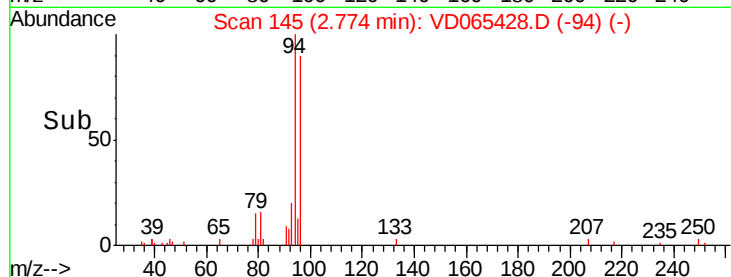
4000

2000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 4.483 ug/l

RT: 2.93 min Scan# 172

Delta R.T. 0.01 min

Lab File: VD065428.D

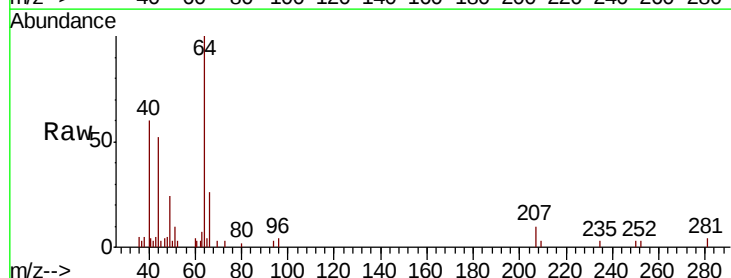
Acq: 05 Mar 2020 13:46

Tgt Ion: 64 Resp: 12784

Ion Ratio Lower Upper

64 100

66 25.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

6000

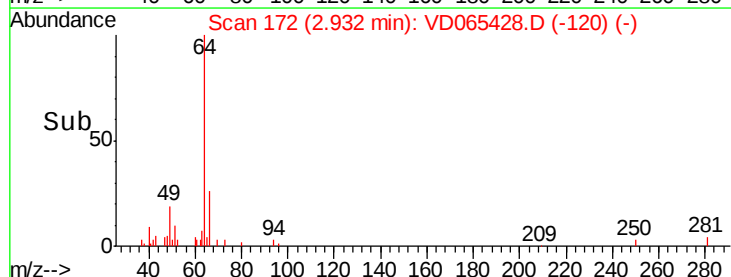
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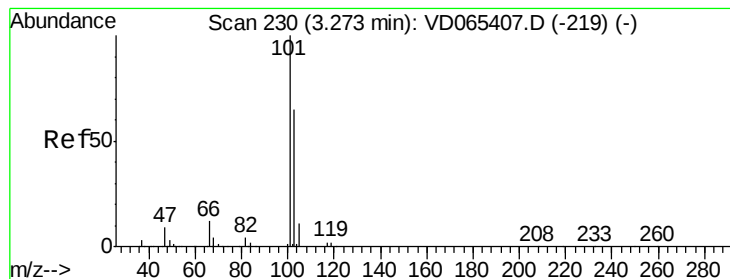
2000

0

2.85 2.90 2.95 3.00

Time-->





#7

Trichlorofluoromethane

Concen: 4.714 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

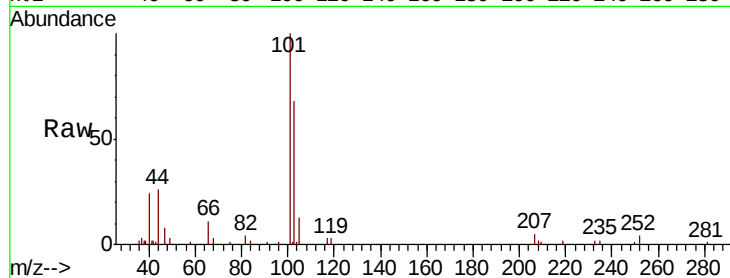
ClientSampled :

Tot Ion:101 Resp: 32339

Ion Ratio Lower Upper

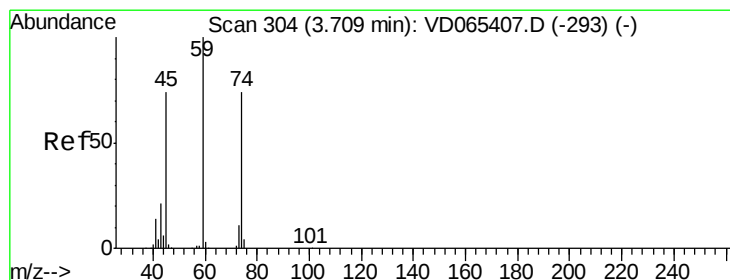
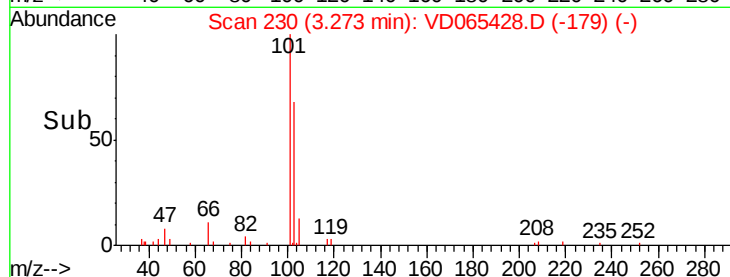
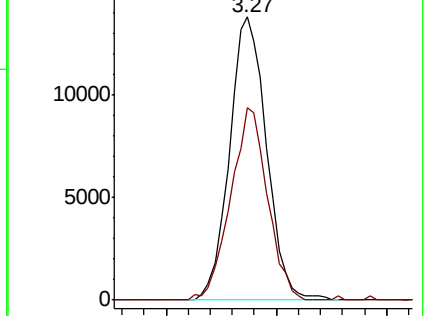
101 100

103 68.0 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.561 ug/l

RT: 3.71 min Scan# 305

Delta R.T. 0.01 min

Lab File: VD065428.D

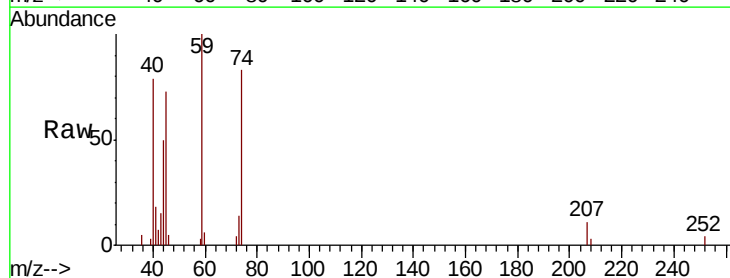
Acq: 05 Mar 2020 13:46

Tgt Ion: 74 Resp: 9305

Ion Ratio Lower Upper

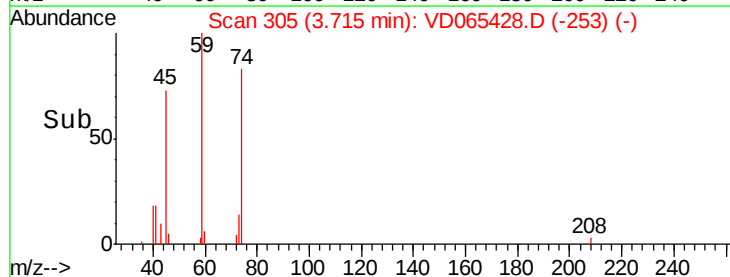
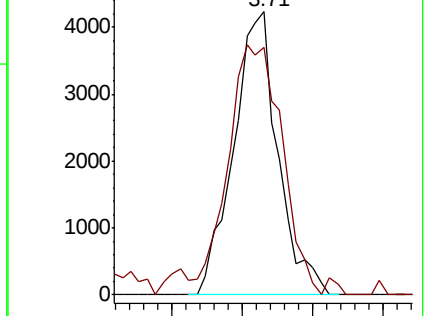
74 100

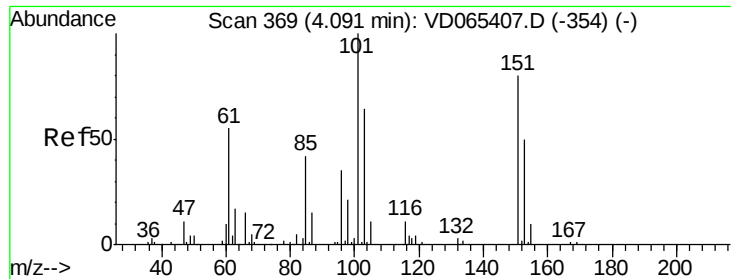
45 107.1 49.5 148.5



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.707 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

ClientSampleId :

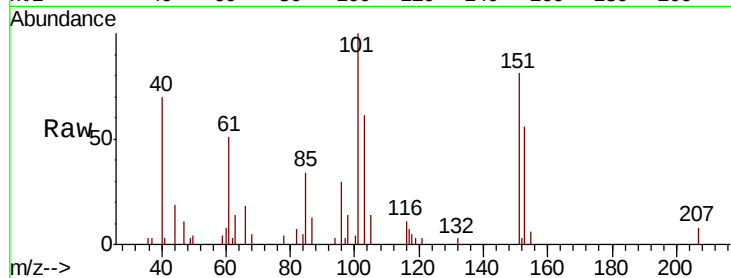
Tot Ion:101 Resp: 20797

Ion Ratio Lower Upper

101 100

85 39.3 34.2 51.2

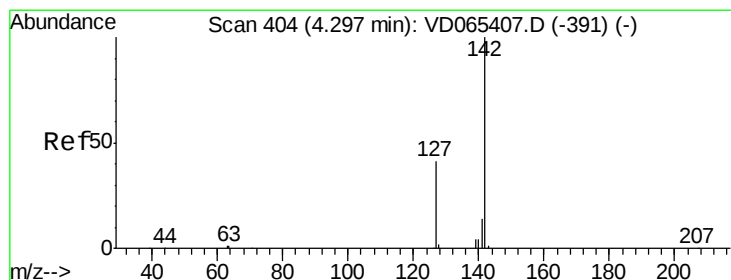
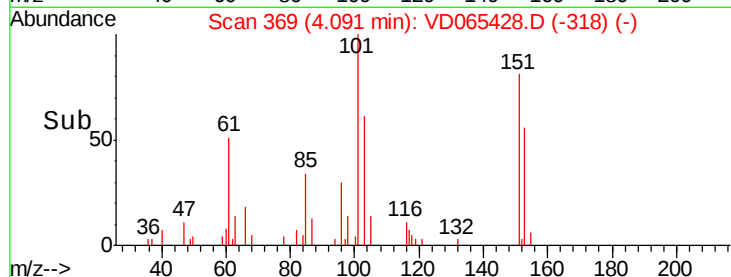
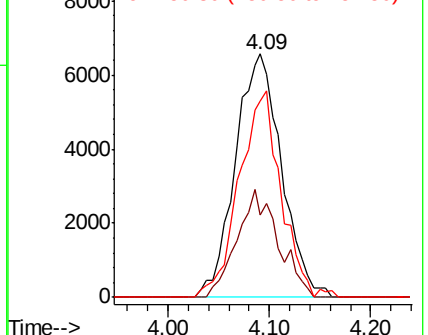
151 76.6 65.1 97.7



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: 3.695 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

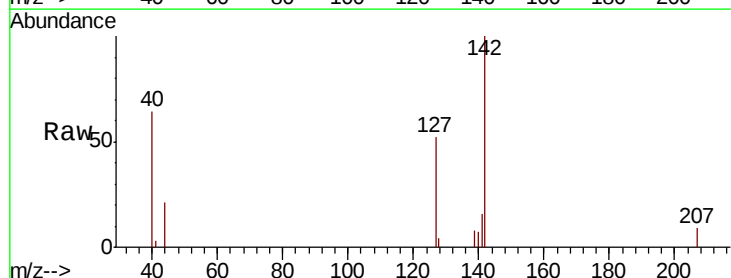
Tgt Ion:142 Resp: 16962

Ion Ratio Lower Upper

142 100

127 45.7 35.0 52.6

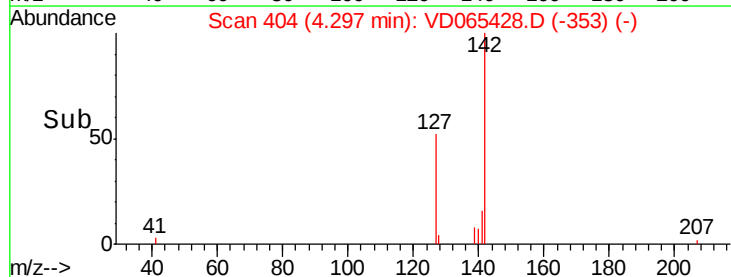
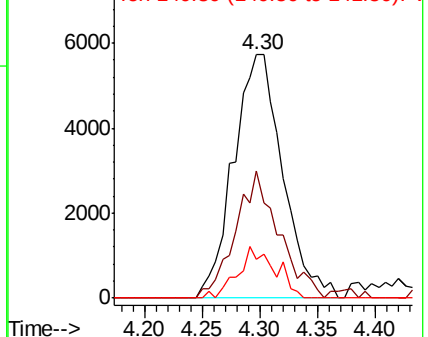
141 15.9 12.4 18.6

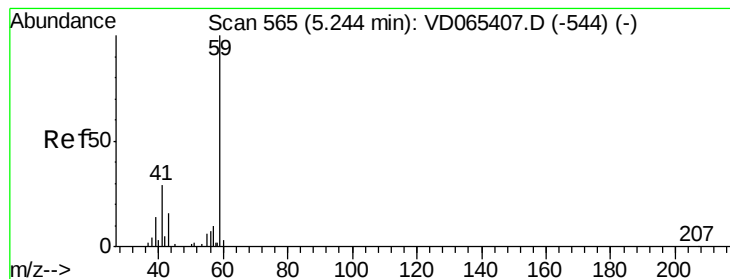


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 18.982 ug/l

RT: 5.24 min Scan# 564

Delta R.T. -0.01 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

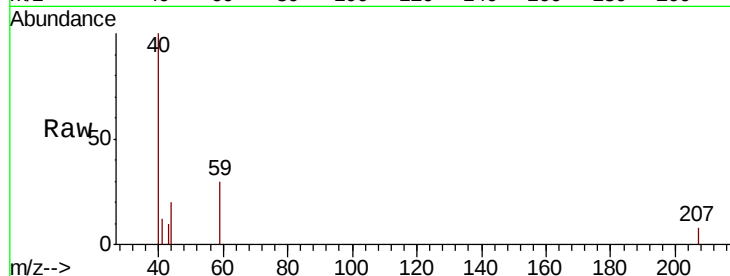
ClientSampled :

Tot Ion: 59 Resp: 4249

Ion Ratio Lower Upper

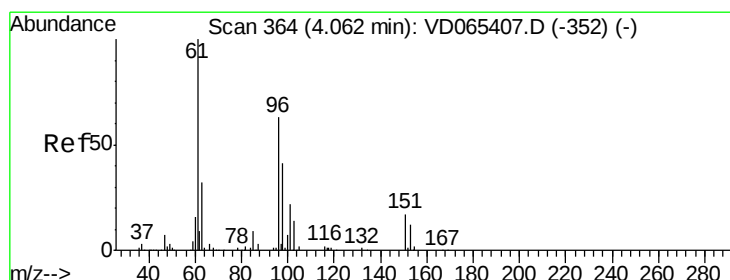
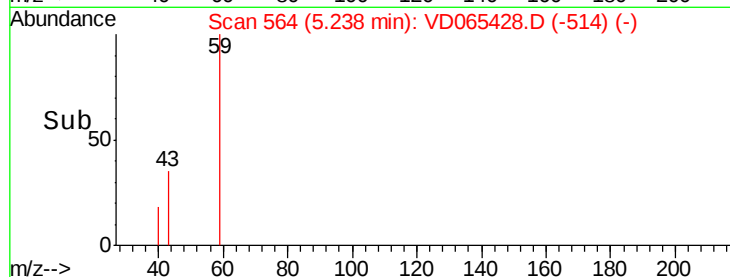
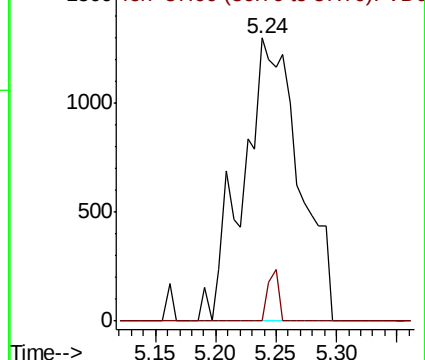
59 100

57 0.0 6.9 10.3#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 4.515 ug/l

RT: 4.06 min Scan# 363

Delta R.T. -0.01 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

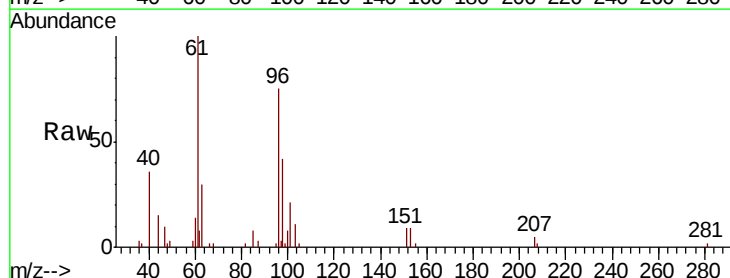
Tgt Ion: 96 Resp: 19104

Ion Ratio Lower Upper

96 100

61 133.7 128.0 192.0

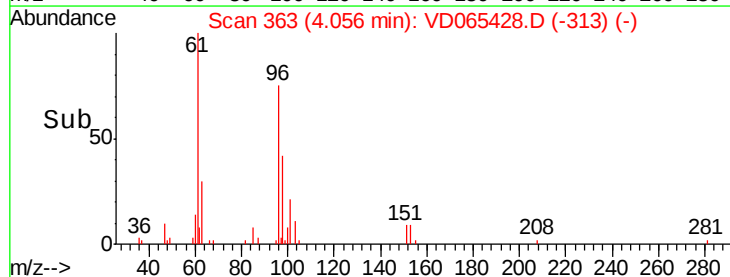
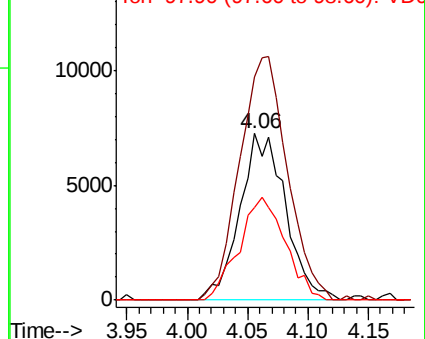
98 55.7 51.9 77.9

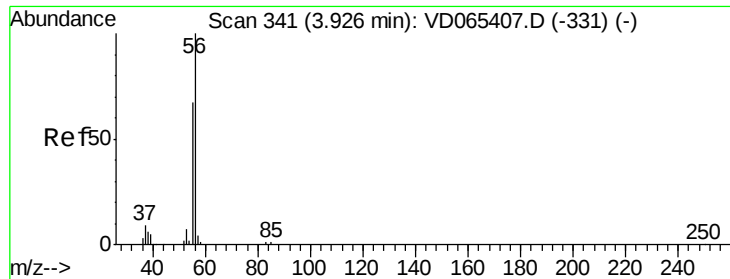


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 21.209 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

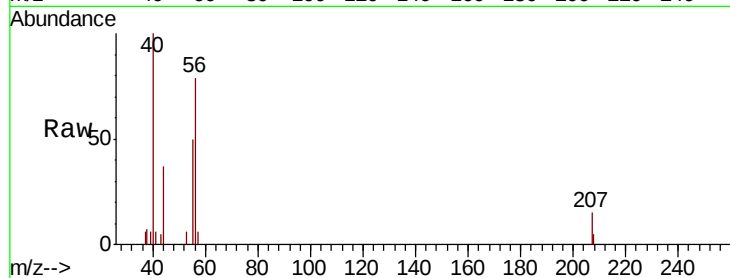
ClientSampleId :

Tot Ion: 56 Resp: 8188

Ion Ratio Lower Upper

56 100

55 65.1 56.6 85.0

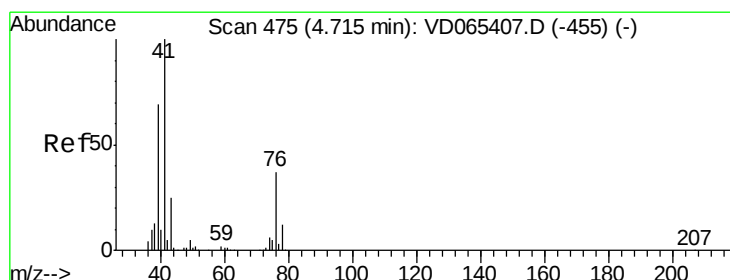
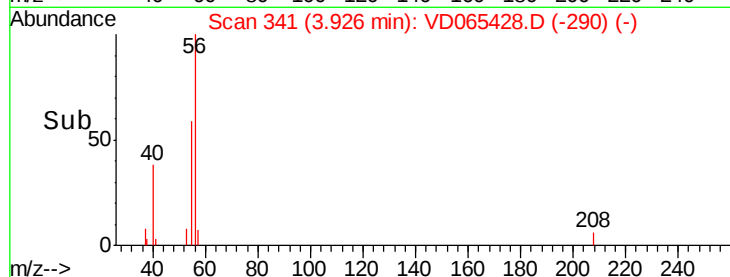


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

Time-->



#14

Allyl chloride

Concen: 4.339 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

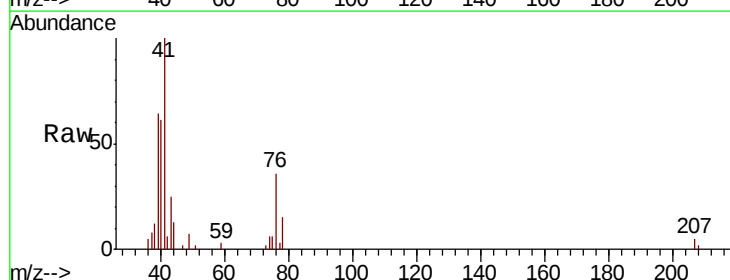
Tgt Ion: 41 Resp: 28205

Ion Ratio Lower Upper

41 100

39 65.8 52.6 79.0

76 34.9 29.2 43.8



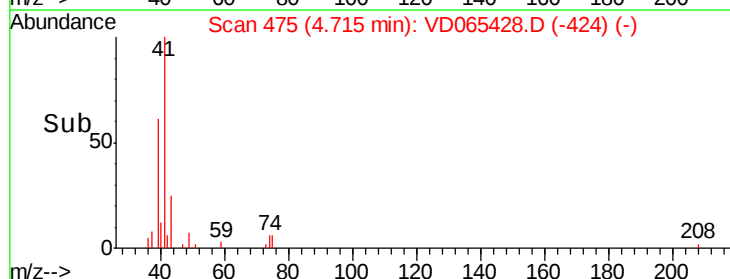
Abundance Ion 41.00 (40.70 to 41.70): VDC

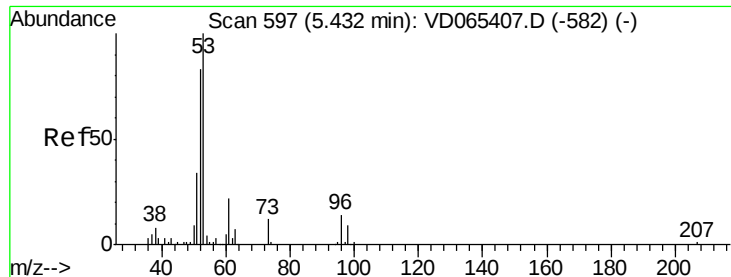
Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

Time-->





#15

Acrylonitrile

Concen: 20.417 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

ClientSampleId :

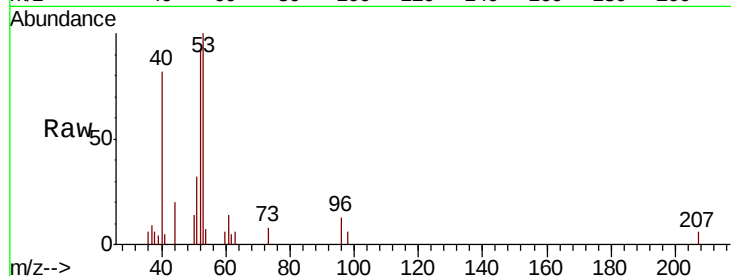
Tot Ion: 53 Resp: 18122

Ion Ratio Lower Upper

53 100

52 83.7 65.1 97.7

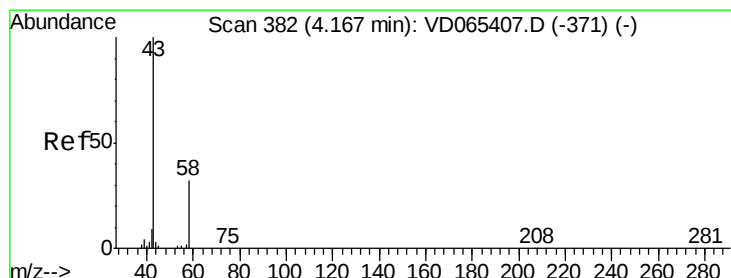
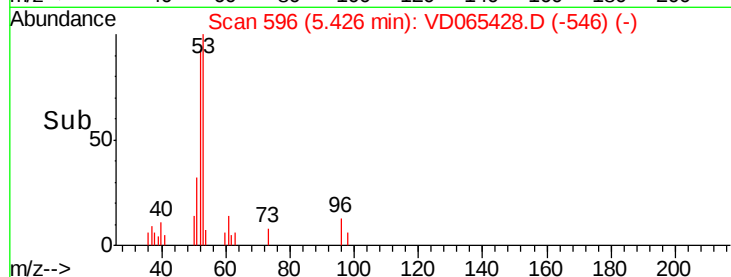
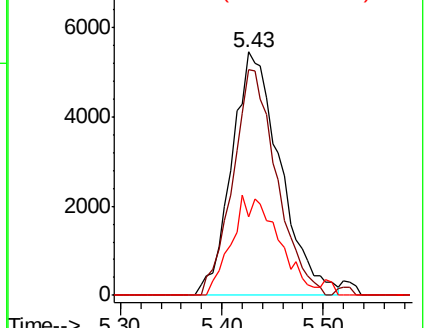
51 39.6 28.5 42.7



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: 22.458 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065428.D

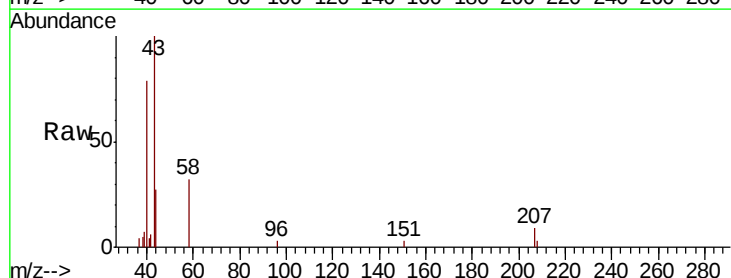
Acq: 05 Mar 2020 13:46

Tgt Ion: 43 Resp: 17725

Ion Ratio Lower Upper

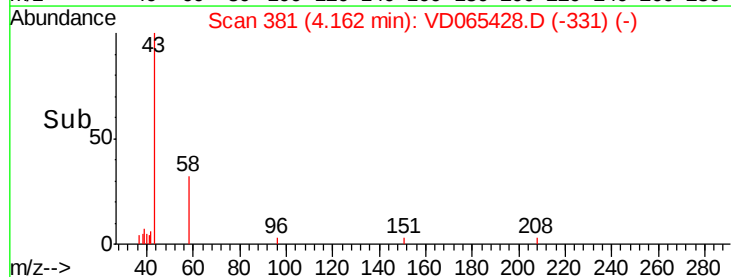
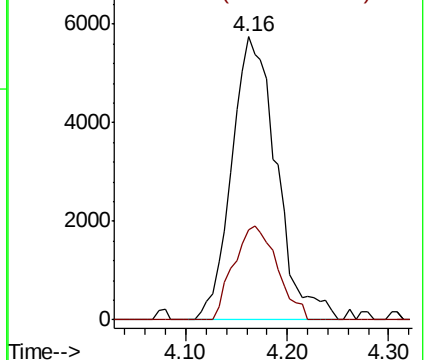
43 100

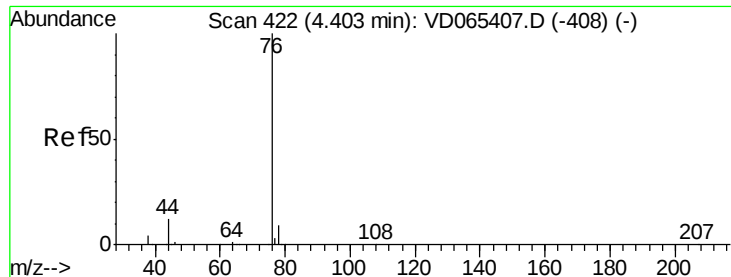
58 31.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

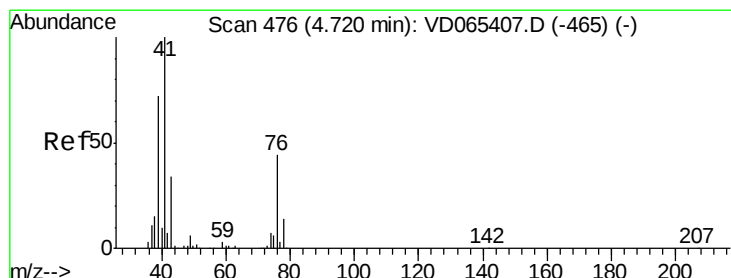
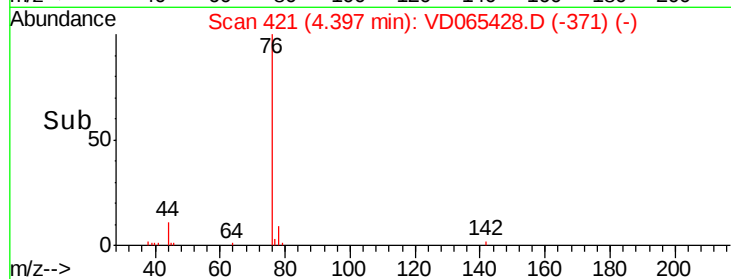
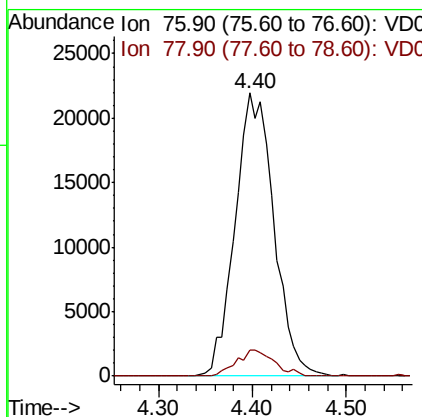
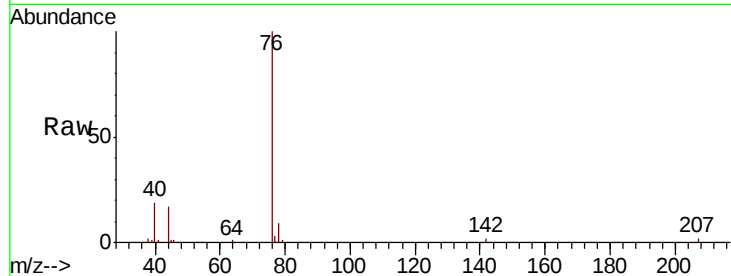




#17  
Carbon Disulfide  
Concen: 4.458 ug/l  
RT: 4.40 min Scan# 421  
Delta R.T. -0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

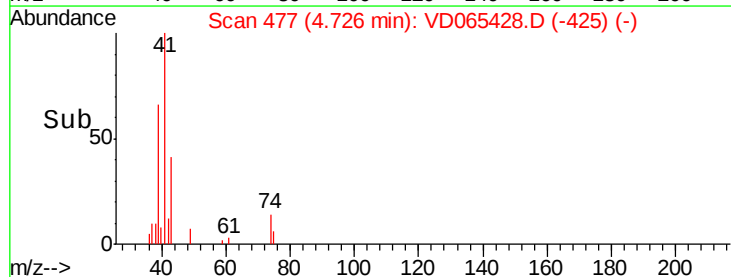
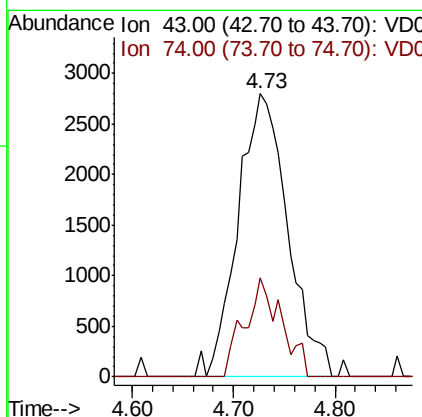
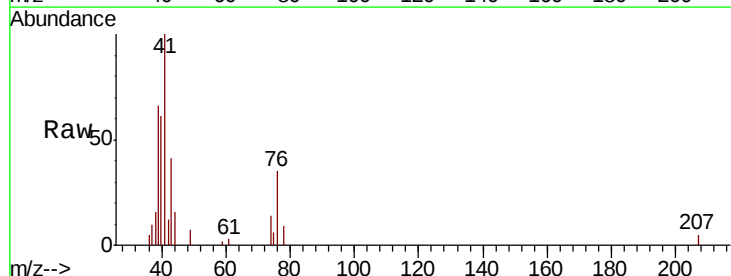
Instrument :  
MSVOA\_D  
ClientSampleId :

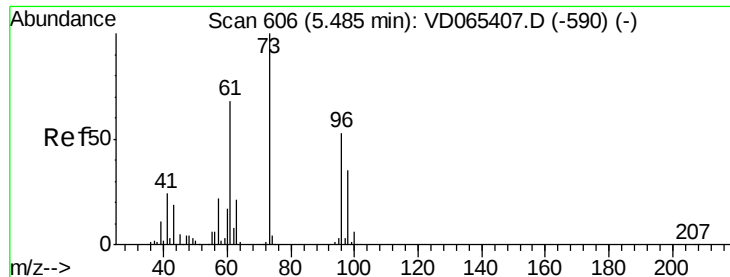
Tot Ion: 76 Resp: 62808  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 4.793 ug/l  
RT: 4.73 min Scan# 477  
Delta R.T. 0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion: 43 Resp: 9596  
Ion Ratio Lower Upper  
43 100  
74 25.8 19.6 29.4



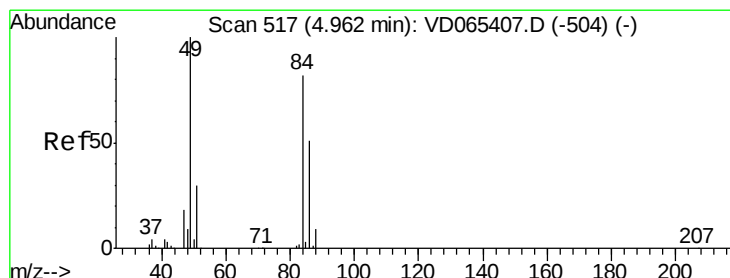
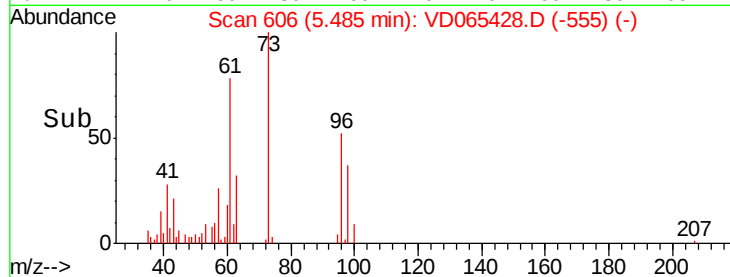
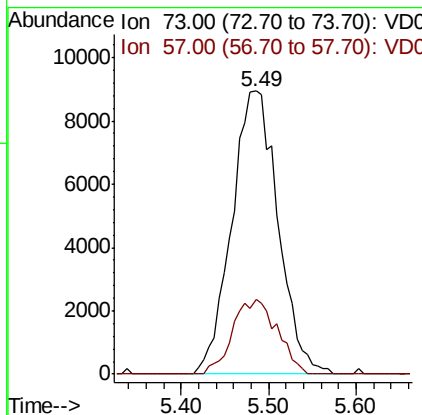
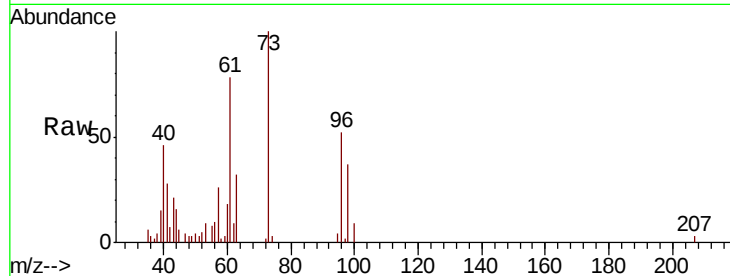


#19

Methyl tert-butyl Ether  
 Concen: 3.965 ug/l  
 RT: 5.49 min Scan# 606  
 Delta R.T. 0.00 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

Instrument :  
 MSVOA\_D  
 ClientSampled :

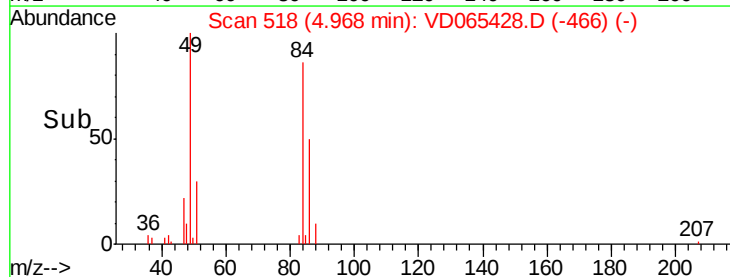
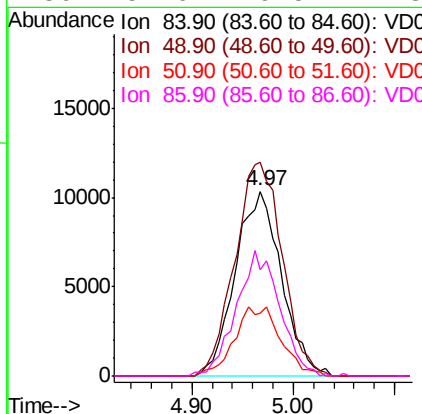
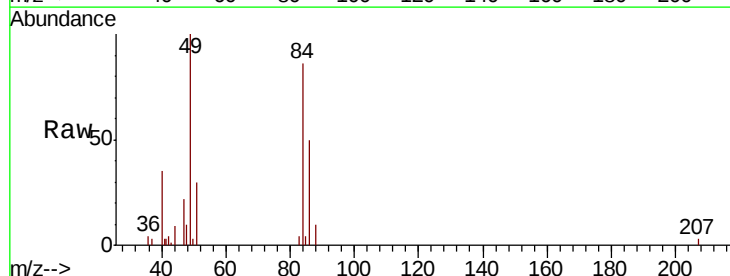
Tot Ion: 73 Resp: 32261  
 Ion Ratio Lower Upper  
 73 100  
 57 26.2 17.3 25.9#

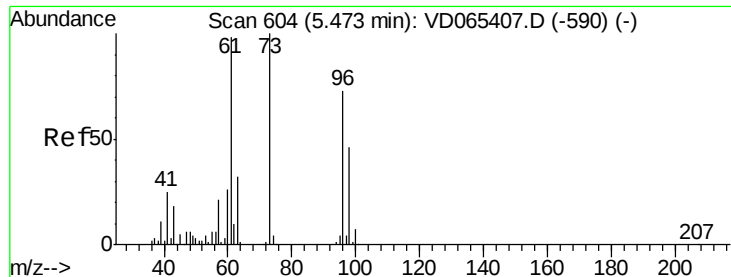


#20

Methylene Chloride  
 Concen: 6.709 ug/l  
 RT: 4.97 min Scan# 518  
 Delta R.T. 0.01 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

Tgt Ion: 84 Resp: 32755  
 Ion Ratio Lower Upper  
 84 100  
 49 115.7 97.7 146.5  
 51 34.2 28.8 43.2  
 86 57.6 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 4.536 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

ClientSampled :

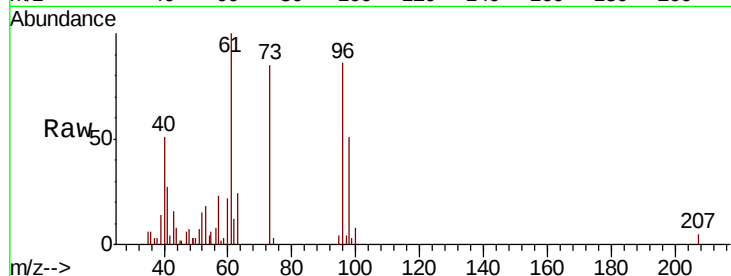
Tot Ion: 96 Resp: 21351

Ion Ratio Lower Upper

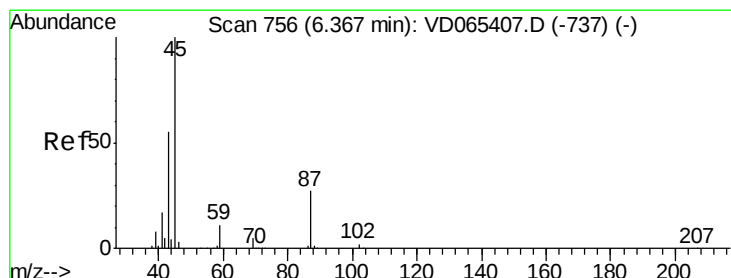
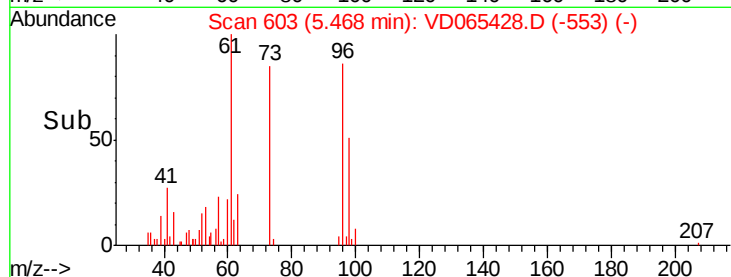
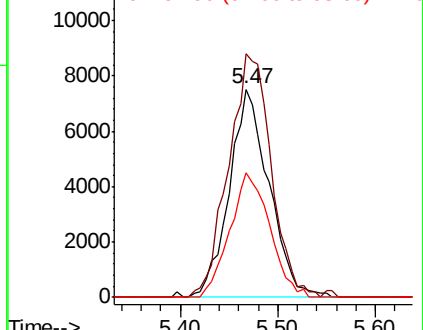
96 100

61 116.8 106.3 159.5

98 59.9 50.2 75.4



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



#22

Diisopropyl ether

Concen: 3.923 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.01 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Tgt Ion: 45 Resp: 47401

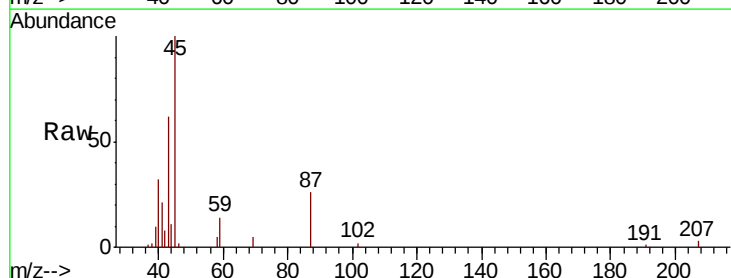
Ion Ratio Lower Upper

45 100

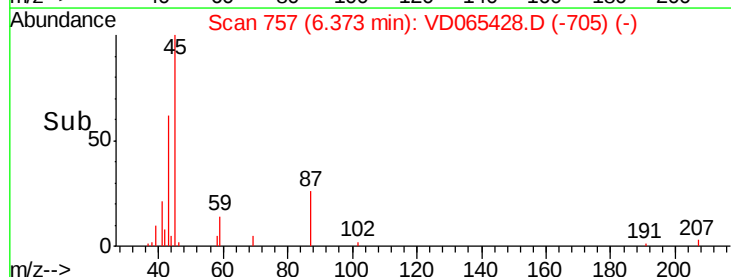
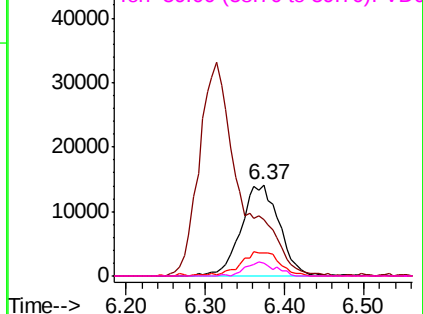
43 60.3 44.4 66.6

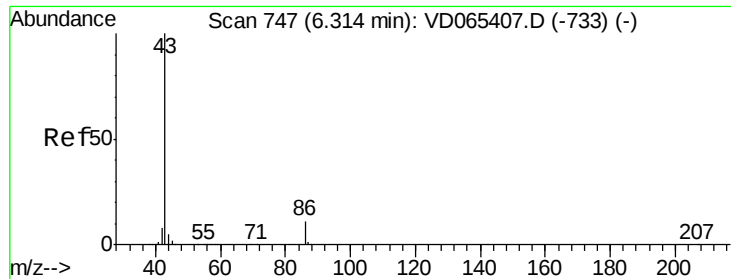
87 25.7 21.9 32.9

59 14.0 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: 17.938 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

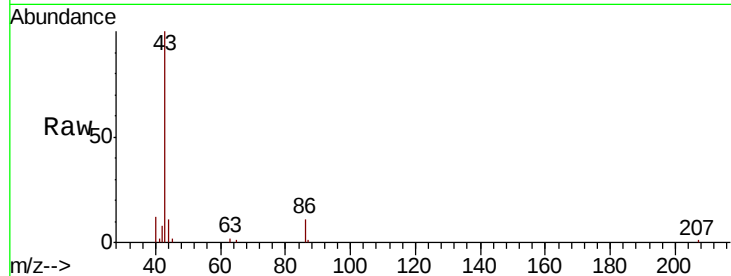
ClientSampleId :

Tot Ion: 43 Resp: 120344

Ion Ratio Lower Upper

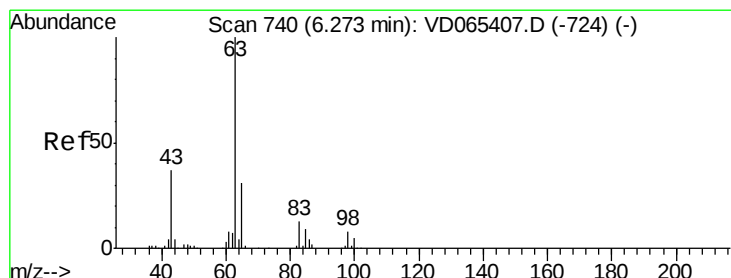
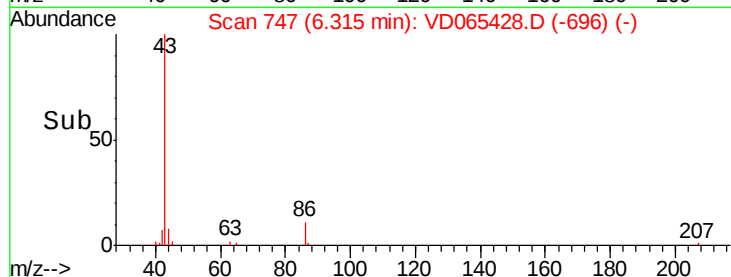
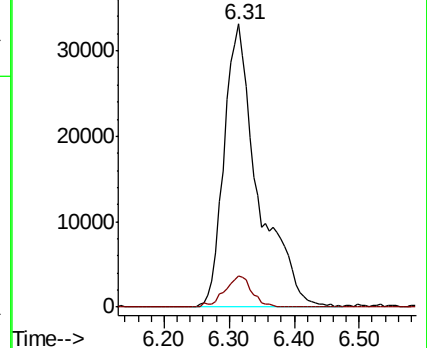
43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 4.469 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

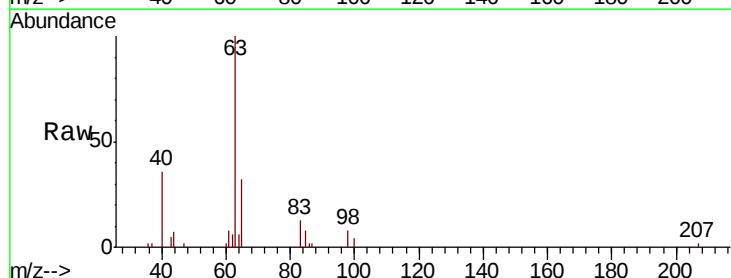
Tgt Ion: 63 Resp: 34638

Ion Ratio Lower Upper

63 100

98 8.0 4.2 12.6

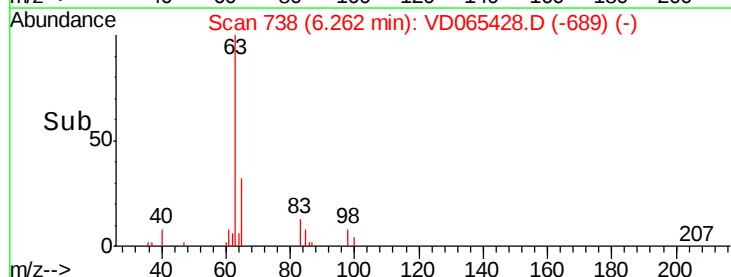
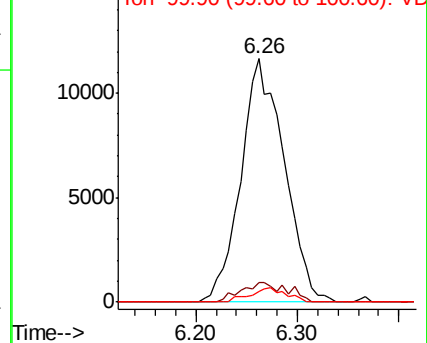
100 4.3 2.4 7.2

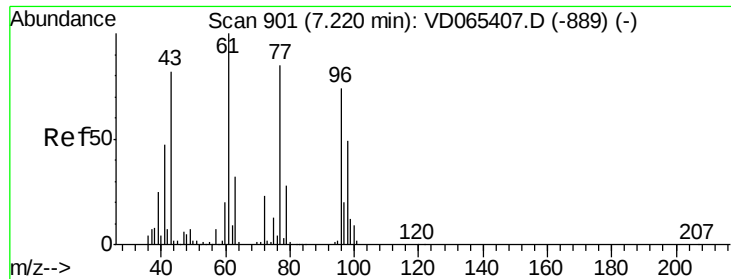


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

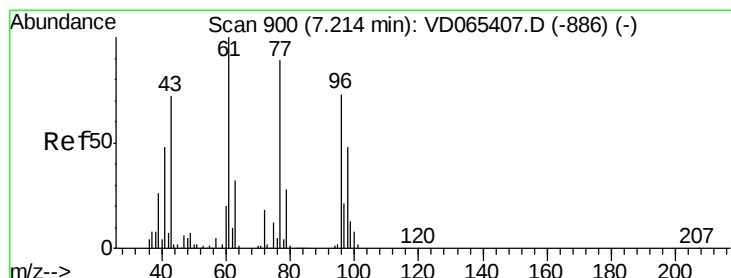
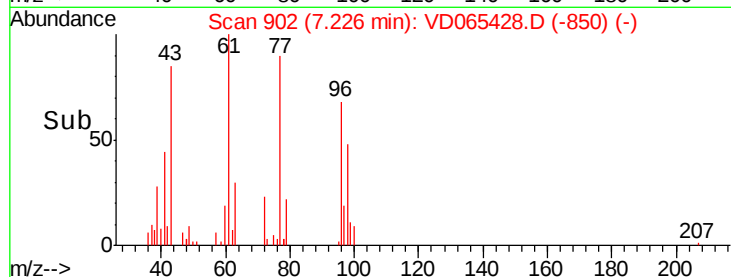
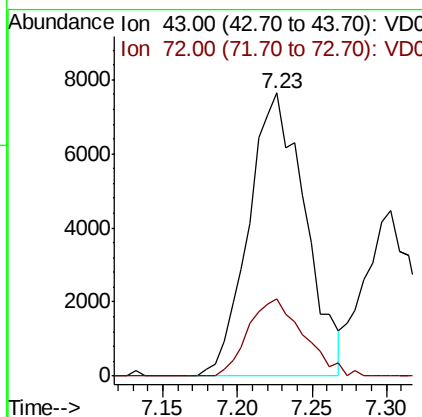
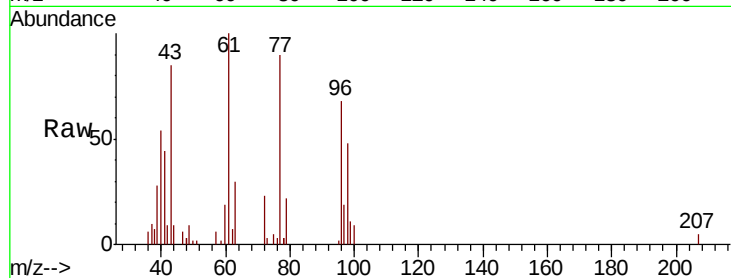




#25  
2-Butanone  
Concen: 18.715 ug/l  
RT: 7.23 min Scan# 902  
Delta R.T. 0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

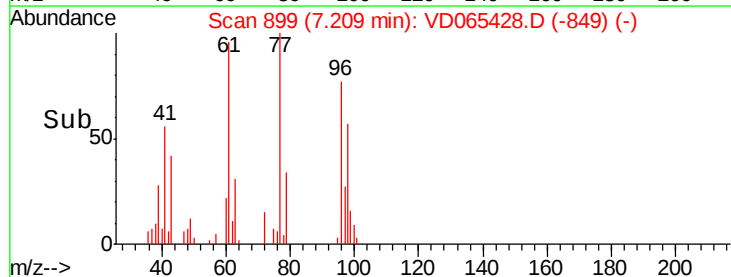
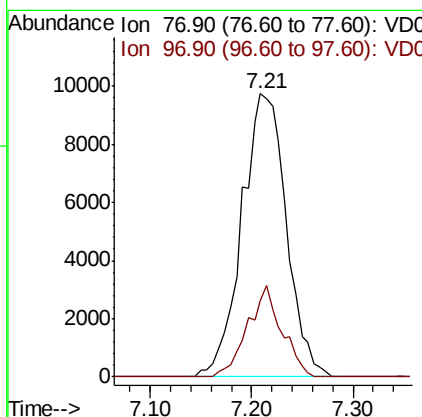
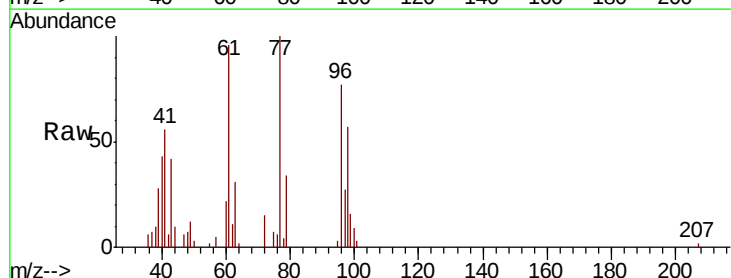
Instrument :  
MSVOA\_D  
ClientSampleId :

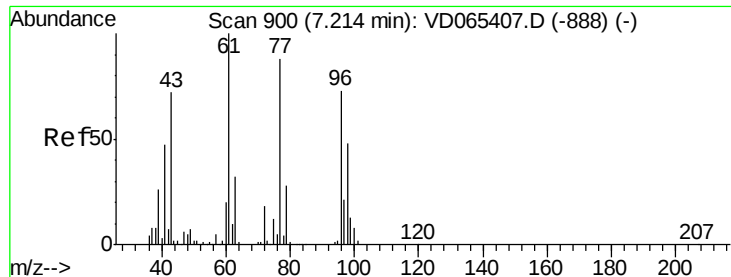
Tot Ion: 43 Resp: 20157  
Ion Ratio Lower Upper  
43 100  
72 27.3 22.3 33.5



#26  
2,2-Dichloropropane  
Concen: 4.398 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion: 77 Resp: 29786  
Ion Ratio Lower Upper  
77 100  
97 24.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 4.204 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

ClientSampled :

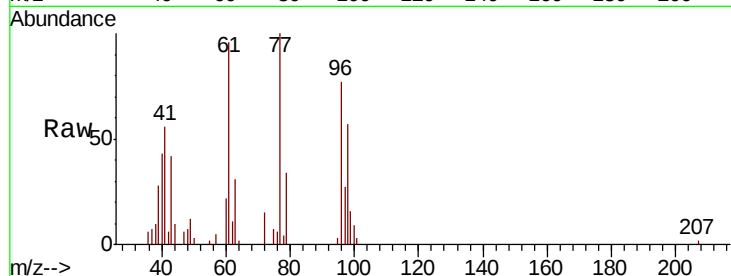
Tot Ion: 96 Resp: 20225

Ion Ratio Lower Upper

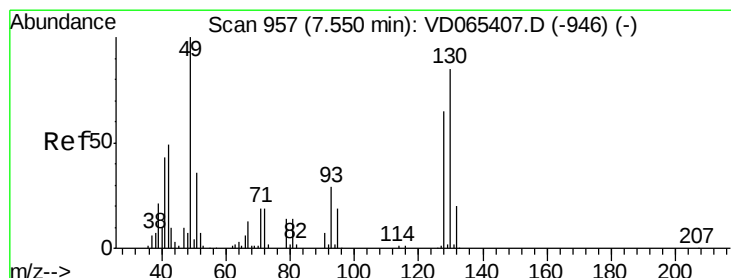
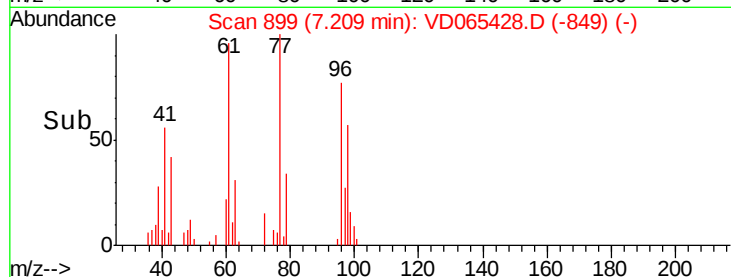
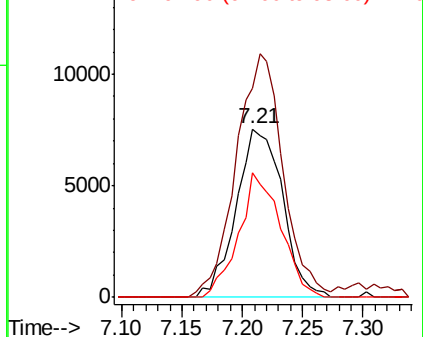
96 100

61 146.0 0.0 280.4

98 67.1 0.0 132.6



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: 4.564 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

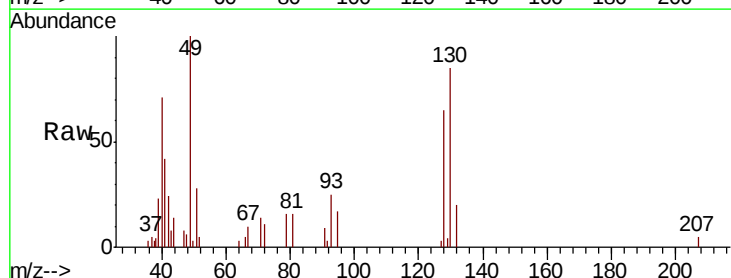
Tgt Ion: 49 Resp: 14152

Ion Ratio Lower Upper

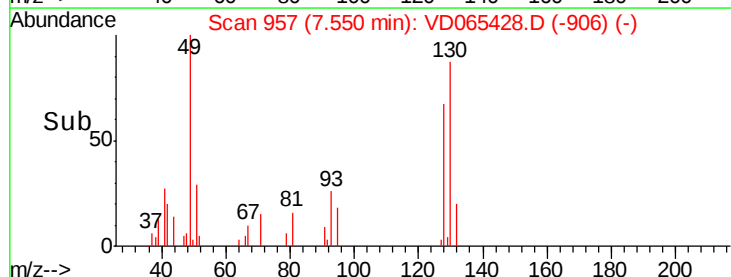
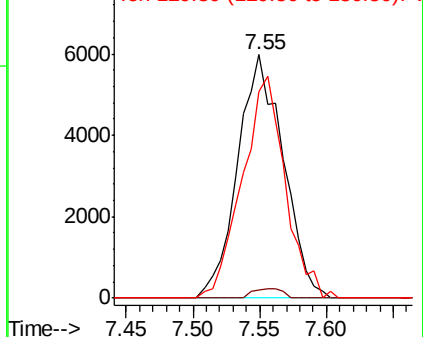
49 100

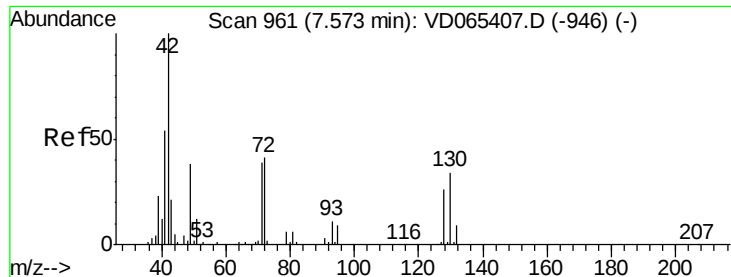
129 2.6 0.0 4.6

130 85.6 66.6 100.0



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

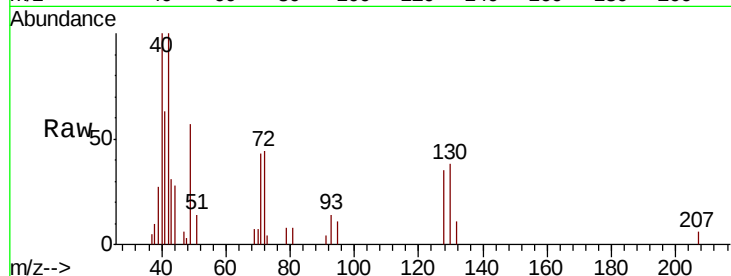




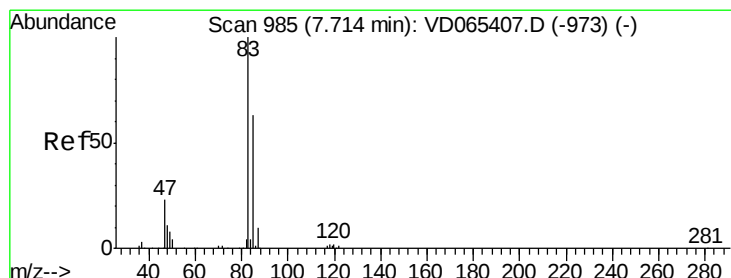
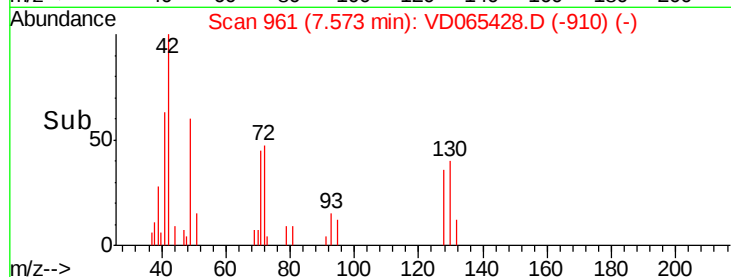
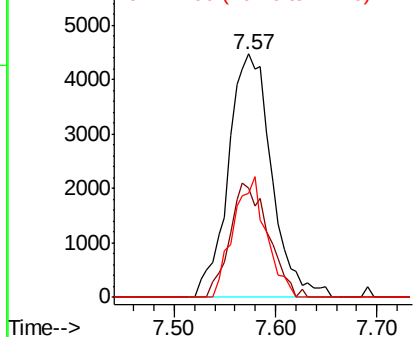
#29  
Tetrahydrofuran  
Concen: 19.267 ug/l  
RT: 7.57 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 42 Resp: 13252  
Ion Ratio Lower Upper  
42 100  
72 41.7 33.0 49.6  
71 37.9 32.0 48.0

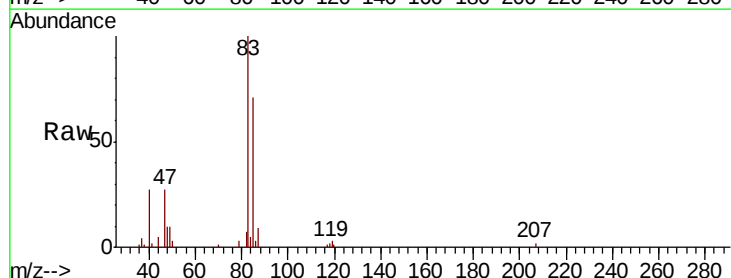


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

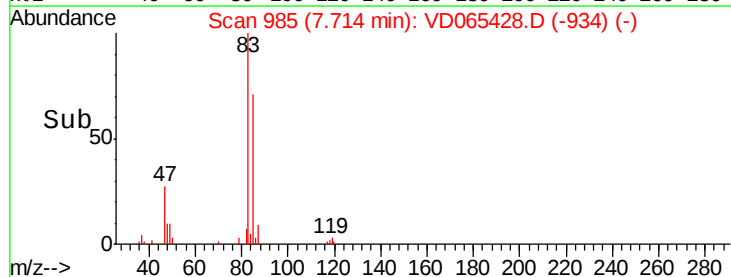
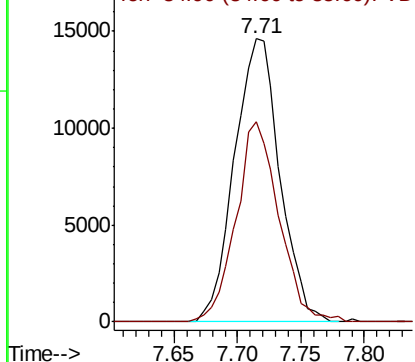


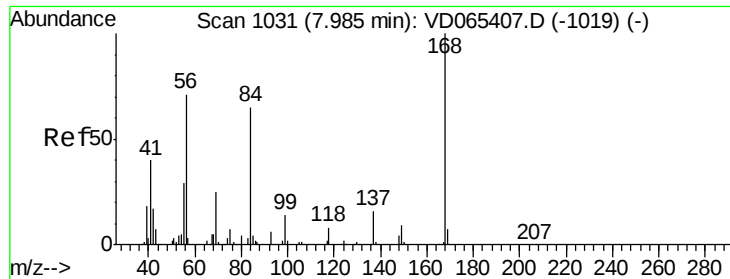
#30  
Chloroform  
Concen: 4.701 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion: 83 Resp: 36418  
Ion Ratio Lower Upper  
83 100  
85 70.8 50.3 75.5



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

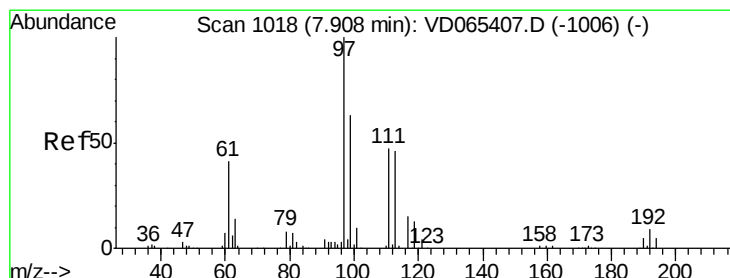
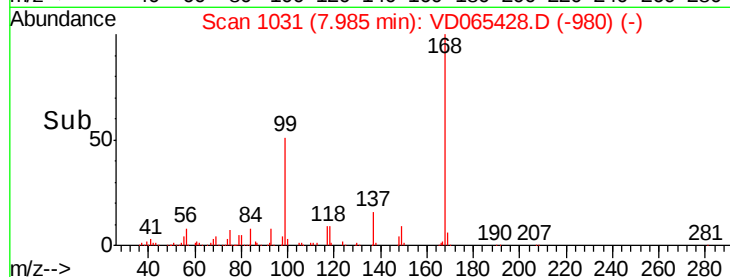
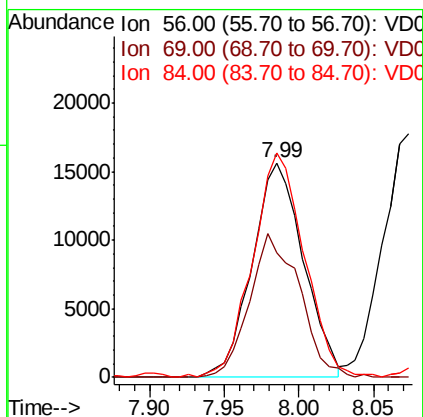
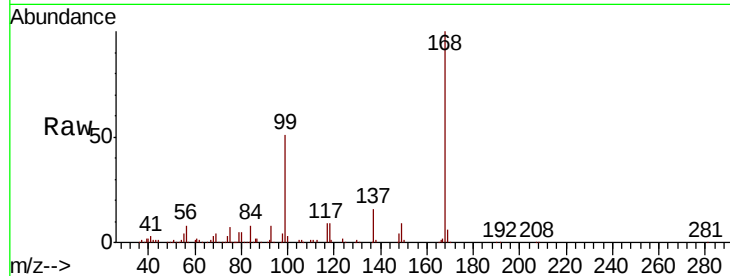




#31  
Cyclohexane  
Concen: 4.822 ug/l  
RT: 7.99 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

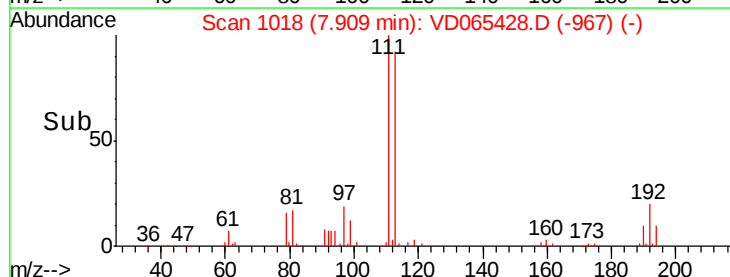
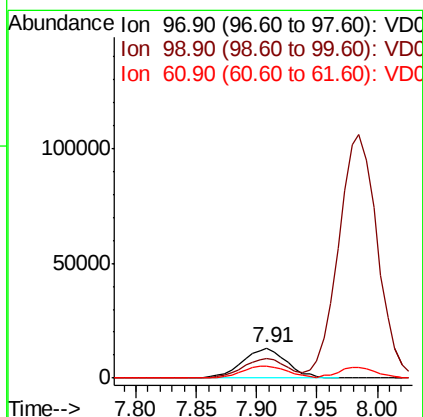
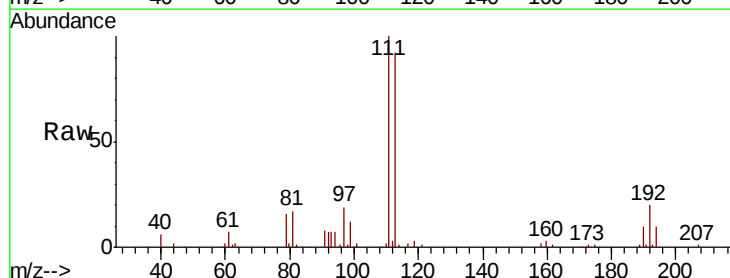
Instrument :  
MSVOA\_D  
ClientSampled :

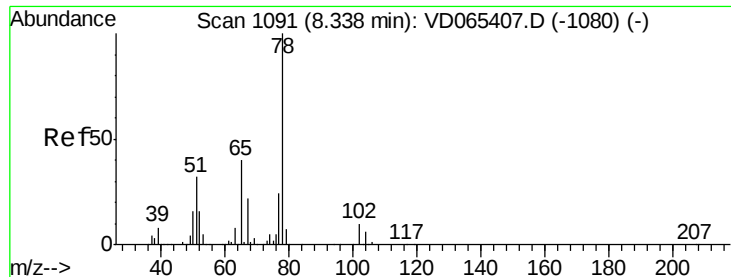
Tot Ion: 56 Resp: 37365  
Ion Ratio Lower Upper  
56 100  
69 58.4 28.3 42.5#  
84 103.3 73.1 109.7



#32  
1,1,1-Trichloroethane  
Concen: 4.644 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion: 97 Resp: 33241  
Ion Ratio Lower Upper  
97 100  
99 64.3 50.9 76.3  
61 42.3 33.2 49.8





#33

1,2-Dichloroethane-d4

Concen: 53.673 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

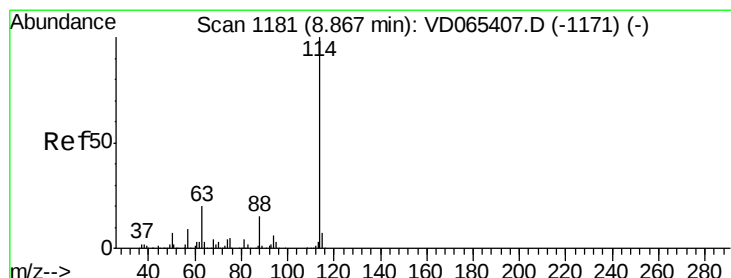
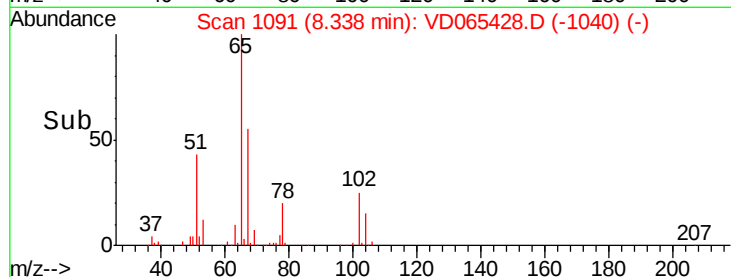
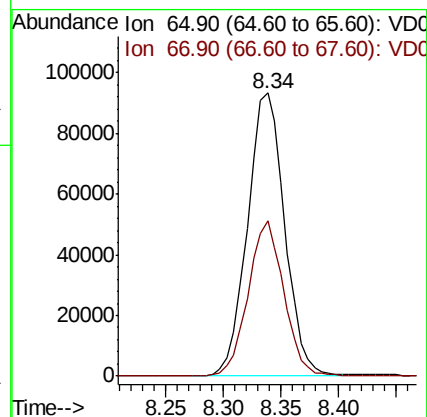
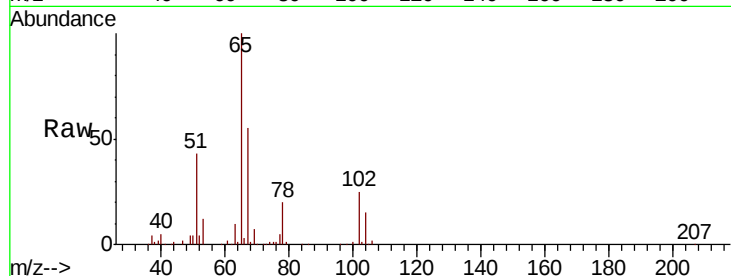
ClientSampleId :

Tot Ion: 65 Resp: 209461

Ion Ratio Lower Upper

65 100

67 52.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

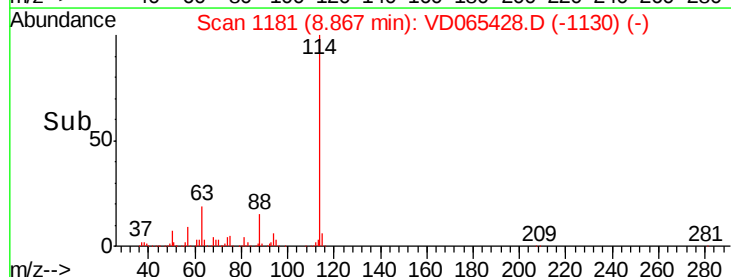
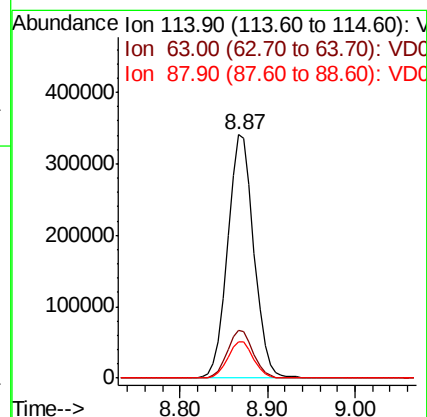
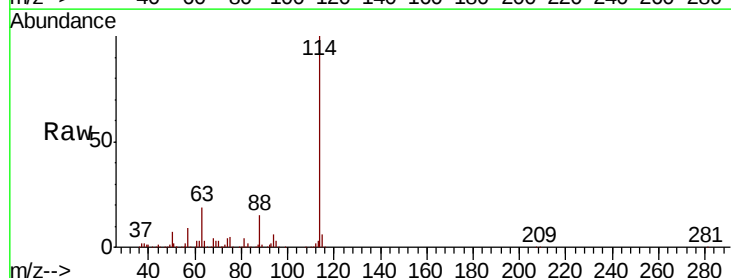
Tgt Ion: 114 Resp: 699258

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.2 0.0 30.4

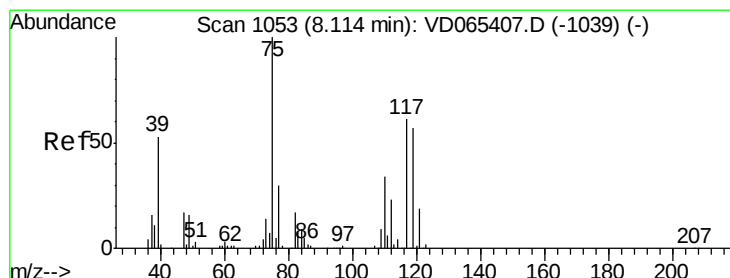
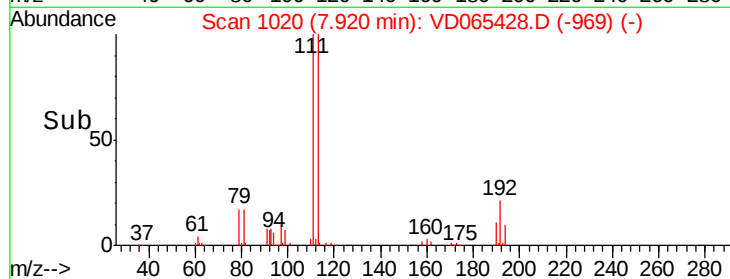
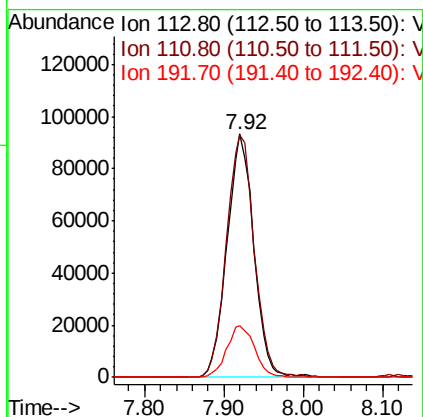
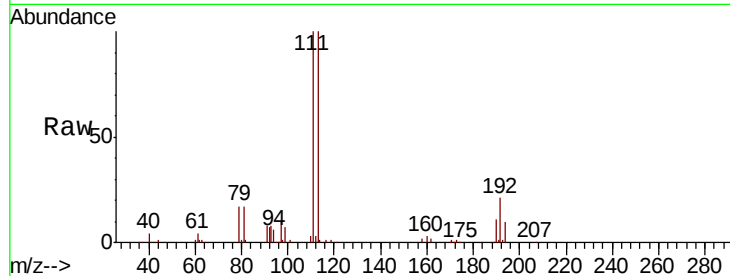




#35  
 Dibromofluoromethane  
 Concen: 50.324 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

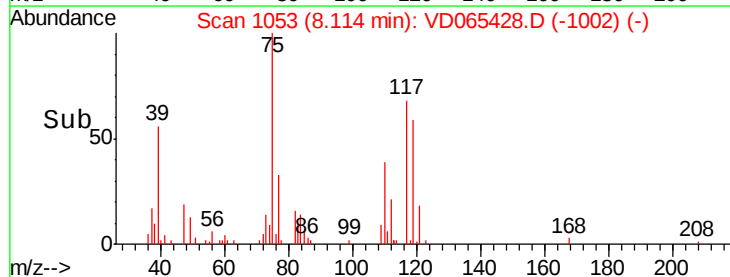
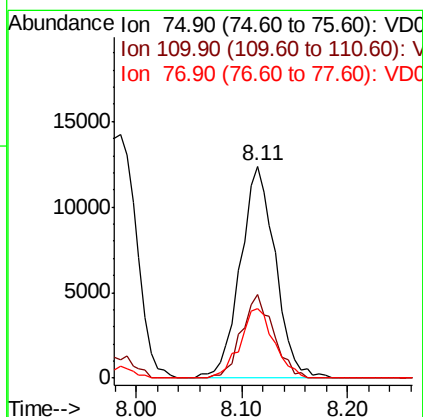
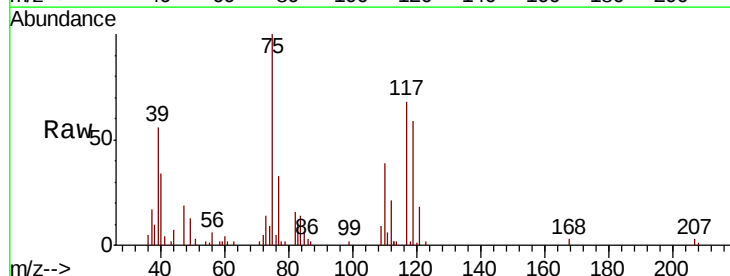
Instrument :  
 MSVOA\_D  
 ClientSampleId :

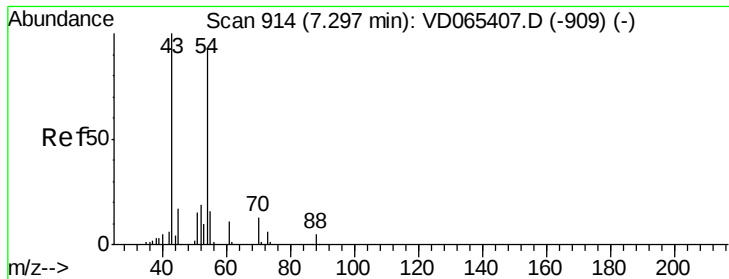
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.9 | 82.1  | 123.1 |
| 192     | 22.2  | 17.2  | 25.8  |



#36  
 1,1-Dichloropropene  
 Concen: 4.247 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. 0.00 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.9  | 18.1  | 54.1  |
| 77      | 31.8  | 25.2  | 37.8  |

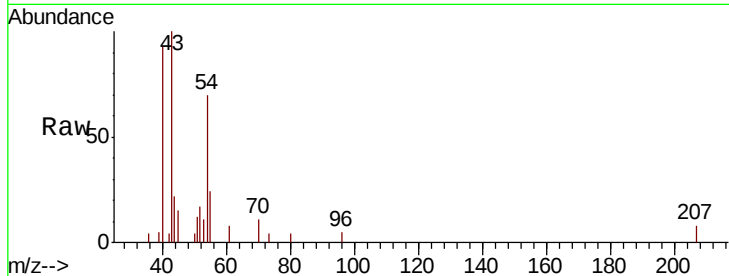




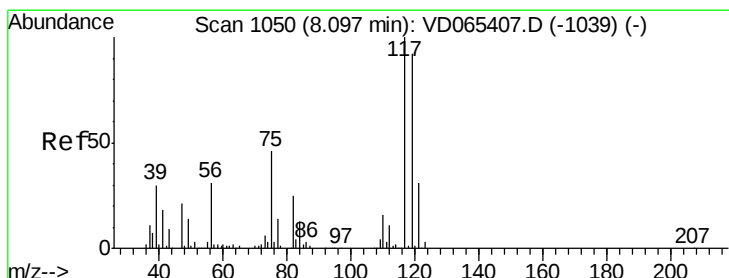
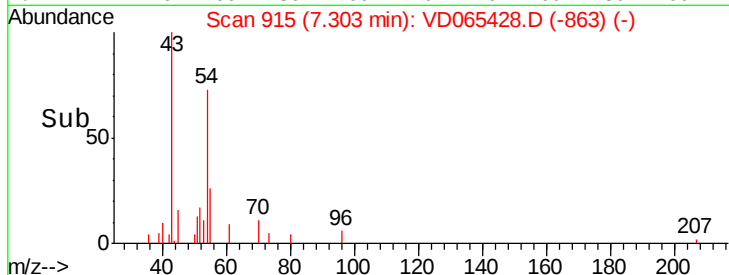
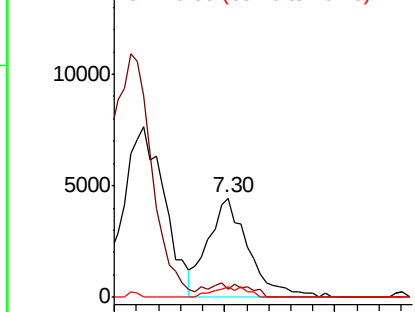
#37  
Ethyl Acetate  
Concen: 4.397 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 11391  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.4 17.0#  
70 8.7 9.0 13.4#

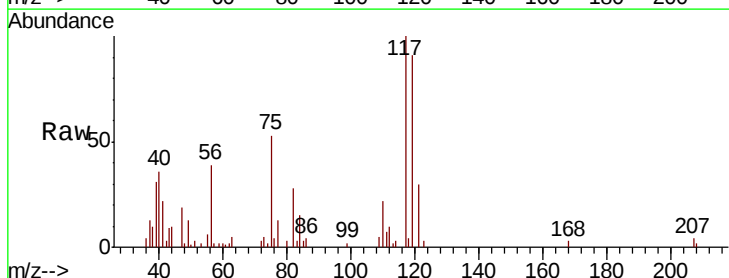


Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 60.90 (60.60 to 61.60): VDC  
Ion 70.00 (69.70 to 70.70): VDC

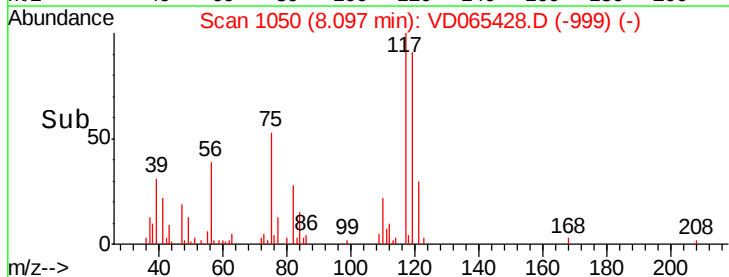
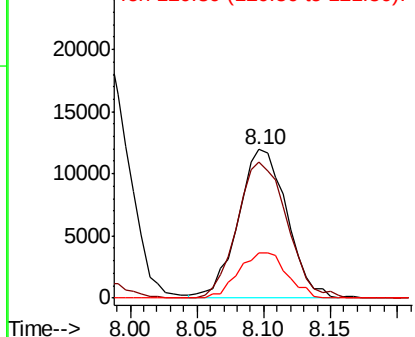


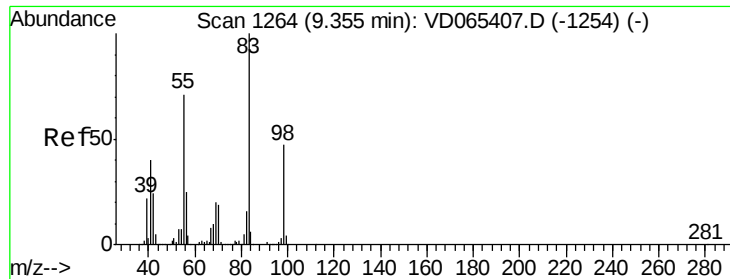
#38  
Carbon Tetrachloride  
Concen: 4.354 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion: 117 Resp: 30260  
Ion Ratio Lower Upper  
117 100  
119 91.4 73.3 109.9  
121 30.2 25.0 37.4



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

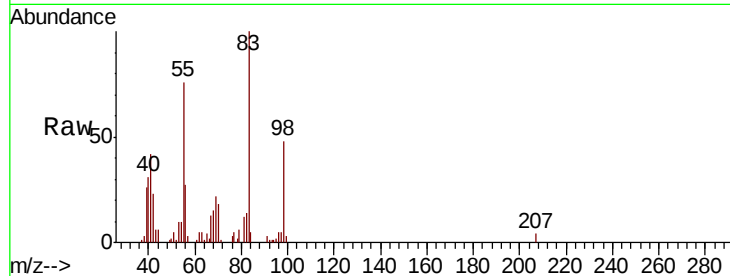




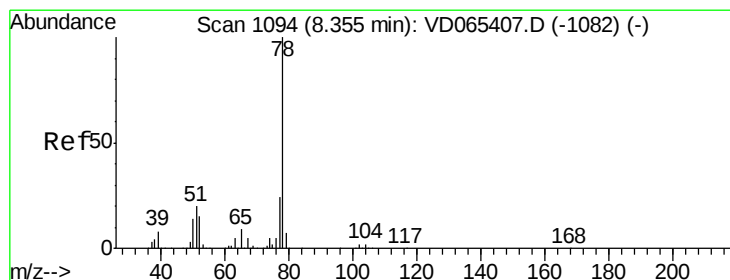
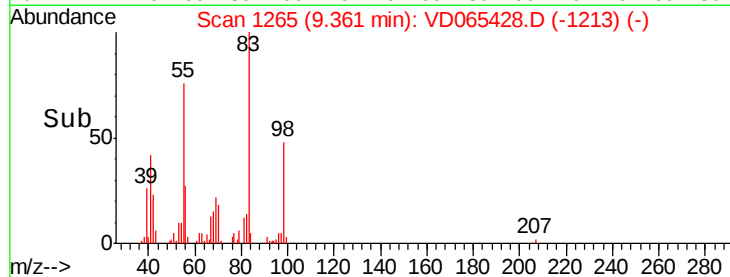
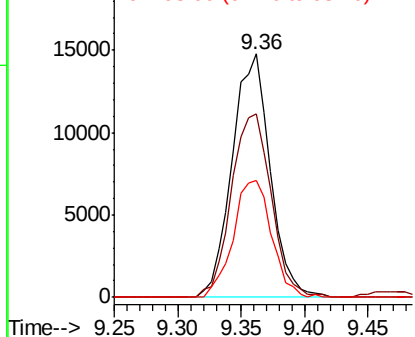
#39  
Methvlcvclohexane  
Concen: 3.801 ug/l  
RT: 9.36 min Scan# 1265  
Delta R.T. 0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 83 Resp: 30772  
Ion Ratio Lower Upper  
83 100  
55 75.6 57.1 85.7  
98 48.1 37.8 56.8

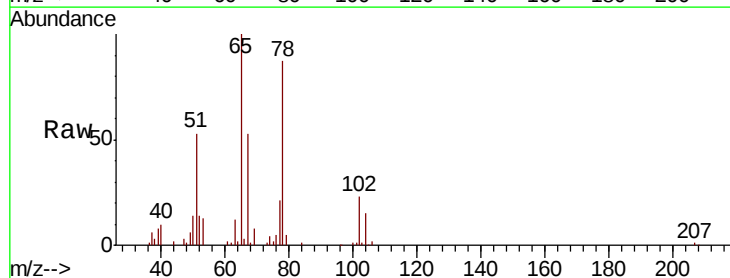


Abundance Ion 83.00 (82.70 to 83.70): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.00 (97.70 to 98.70): VDC

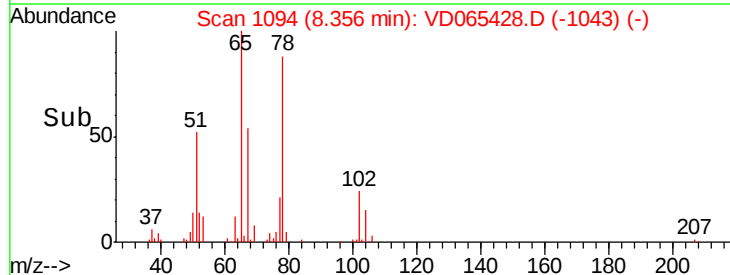
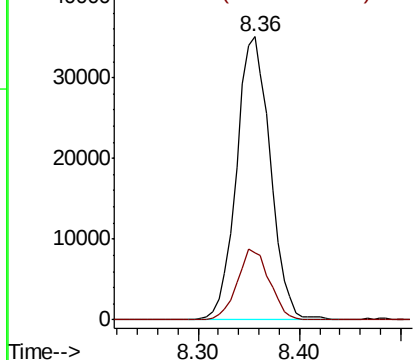


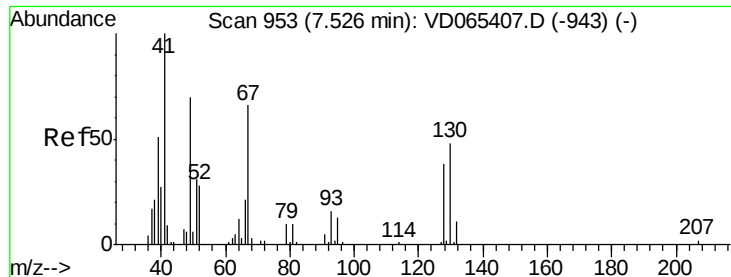
#40  
Benzene  
Concen: 4.327 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion: 78 Resp: 81090  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.4 29.0



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

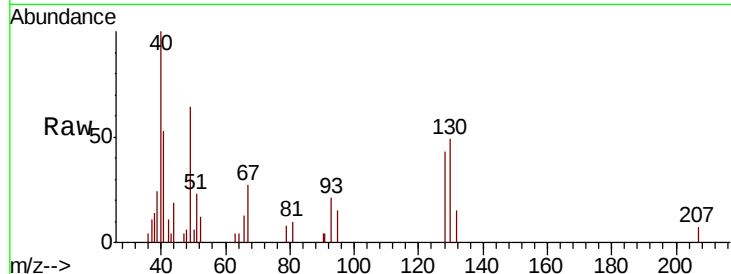




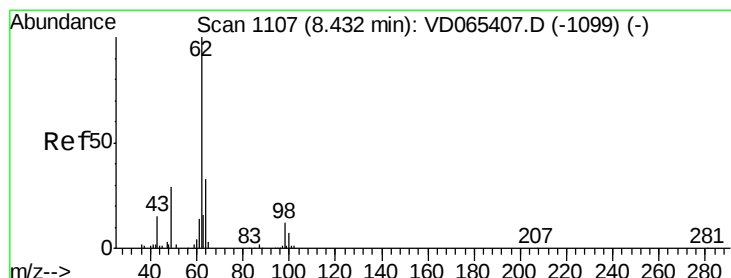
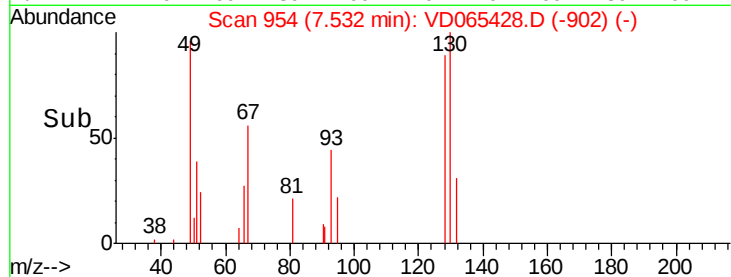
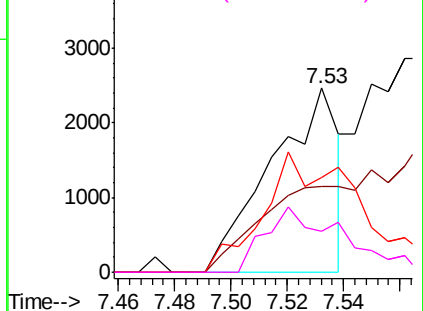
#41  
Methacrylonitrile  
Concen: 3.006 ug/l  
RT: 7.53 min Scan# 954  
Delta R.T. 0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Instrument :  
MSVOA\_D  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 4118  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 55.0  | 82.6# |
| 67       | 90.6  | 70.3  | 105.5 |
| 52       | 40.4  | 30.7  | 46.1  |

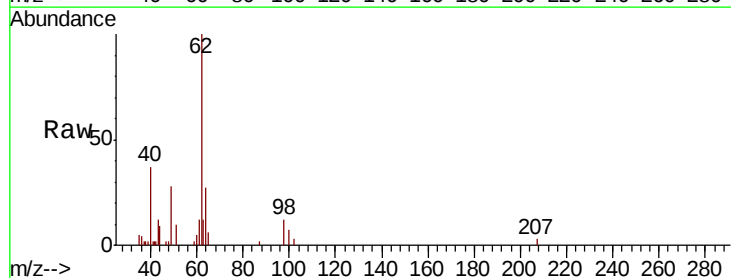


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

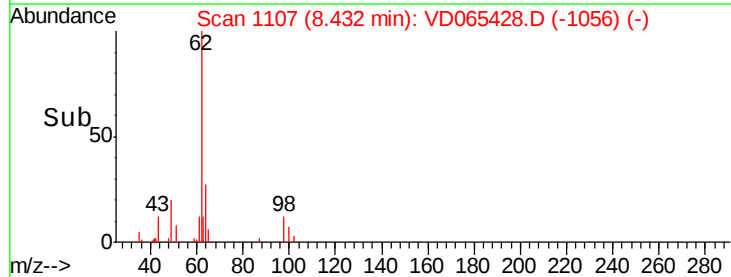
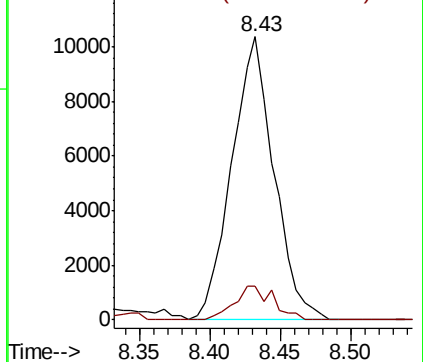


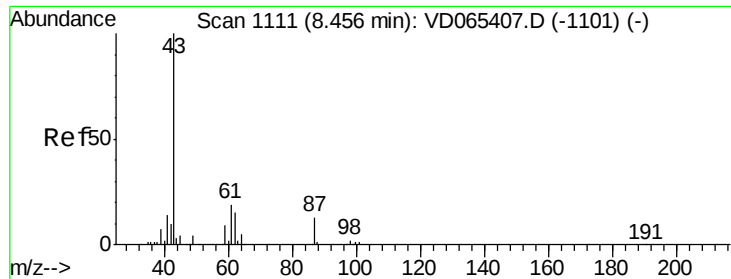
#42  
1,2-Dichloroethane  
Concen: 4.419 ug/l  
RT: 8.43 min Scan# 1107  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 21625 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 11.1  | 0.0   | 21.4  |



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

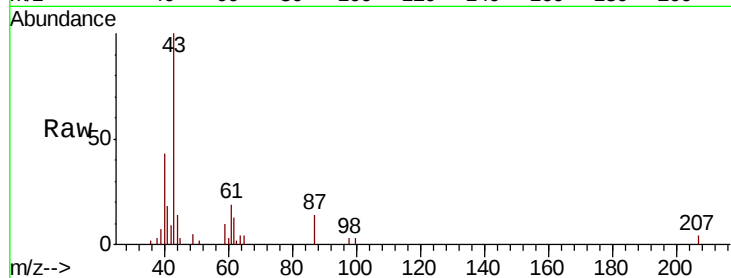




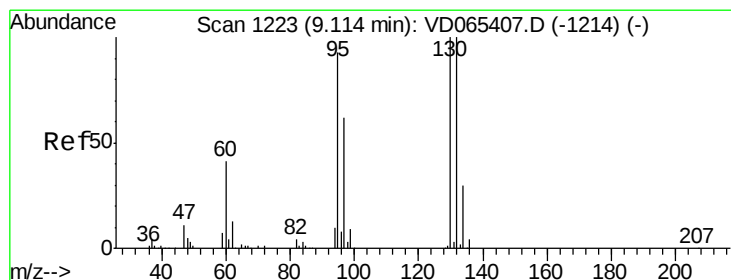
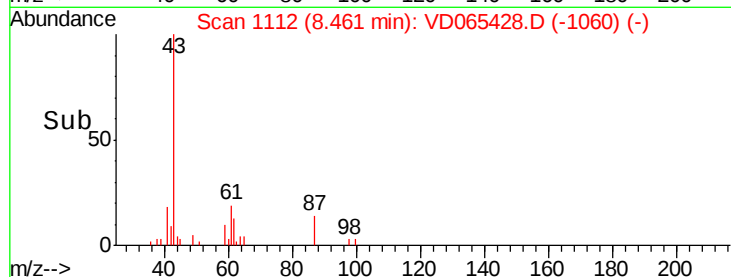
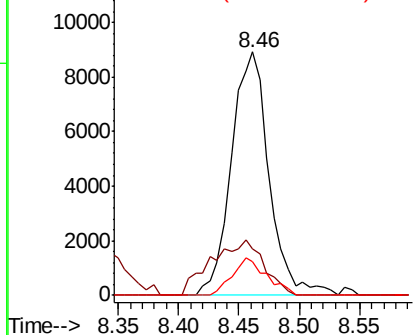
#43  
Isopropyl Acetate  
Concen: 4.059 ug/l  
RT: 8.46 min Scan# 1112  
Delta R.T. 0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 19419  
Ion Ratio Lower Upper  
43 100  
61 31.4 25.0 37.6  
87 13.8 11.0 16.4

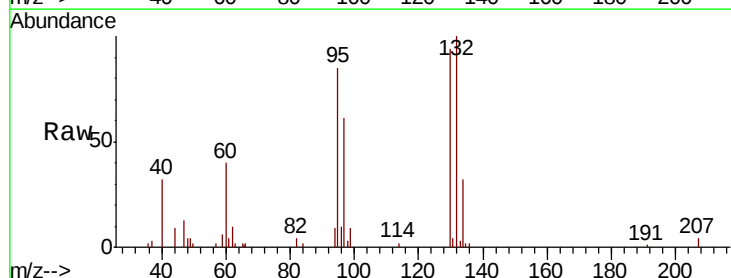


Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 61.00 (60.70 to 61.70): VDC  
Ion 87.00 (86.70 to 87.70): VDC

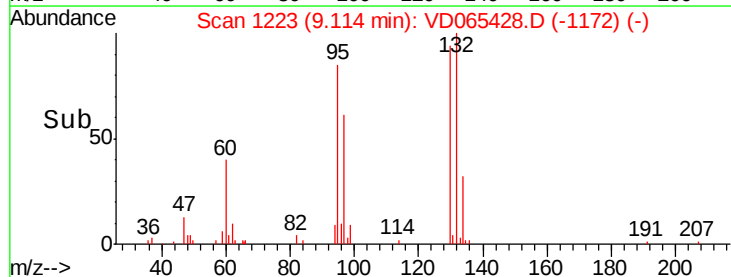
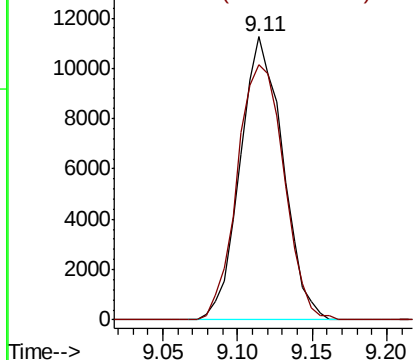


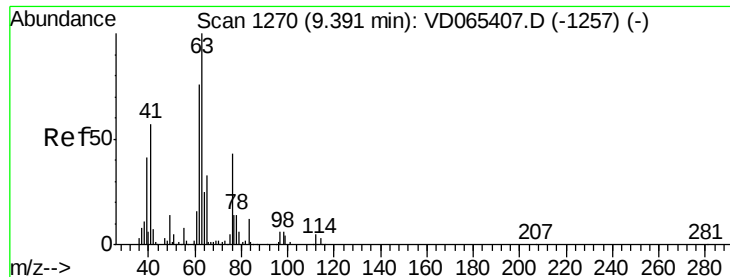
#44  
Trichloroethene  
Concen: 4.211 ug/l  
RT: 9.11 min Scan# 1223  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion: 130 Resp: 22285  
Ion Ratio Lower Upper  
130 100  
95 90.2 0.0 186.0



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

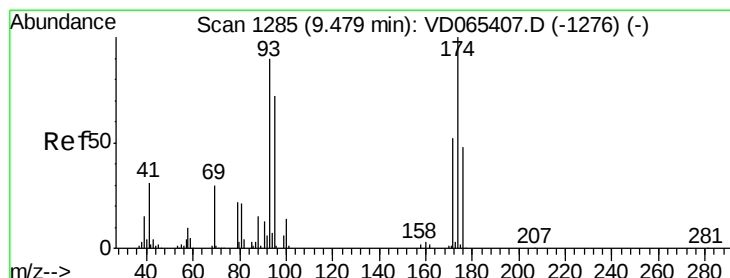
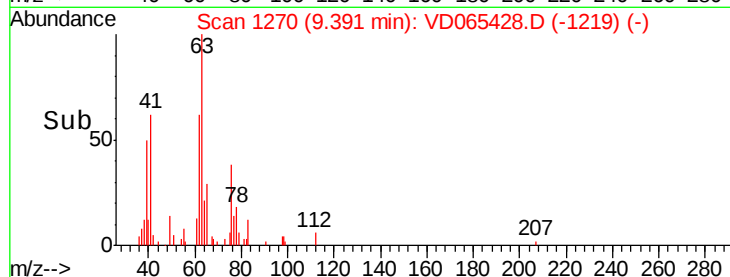
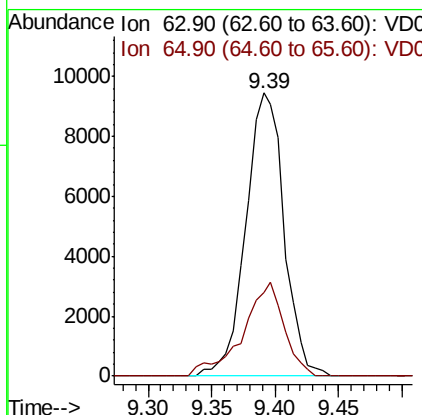
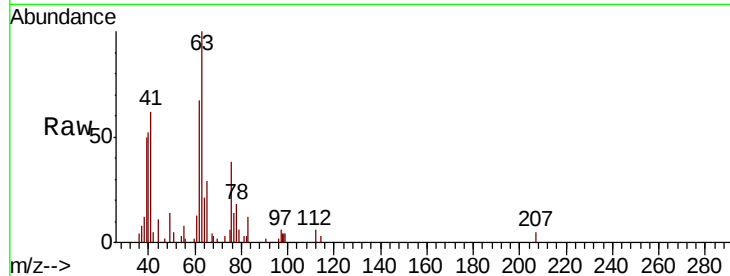




#45  
 1,2-Dichloropropane  
 Concen: 4.363 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

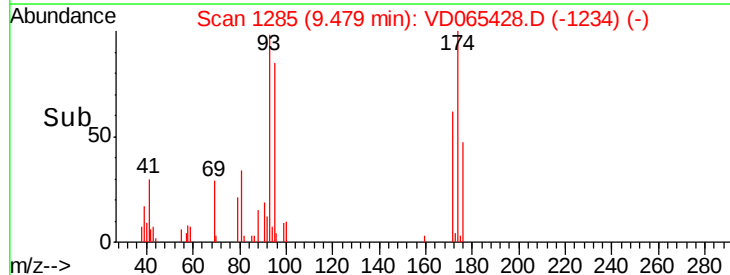
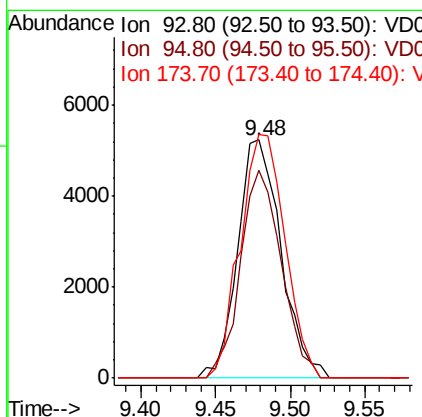
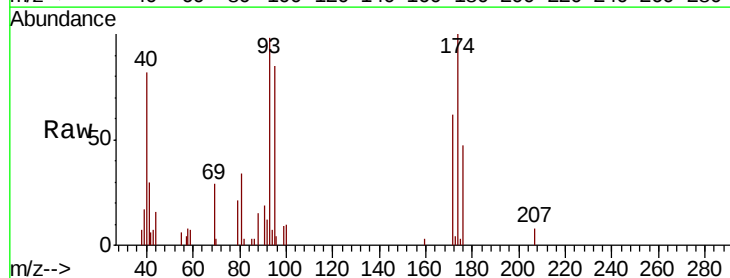
Instrument :  
 MSVOA\_D  
 ClientSampled :

Tot Ion: 63 Resp: 19808  
 Ion Ratio Lower Upper  
 63 100  
 65 29.4 26.4 39.6



#46  
 Dibromomethane  
 Concen: 4.477 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. 0.00 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

Tgt Ion: 93 Resp: 10541  
 Ion Ratio Lower Upper  
 93 100  
 95 82.5 65.0 97.6  
 174 105.7 88.3 132.5





#47

Bromodichloromethane

Concen: 4.315 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

ClientSampleId :

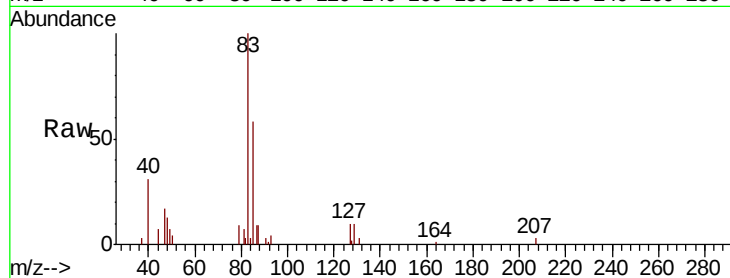
Tot Ion: 83 Resp: 26431

Ion Ratio Lower Upper

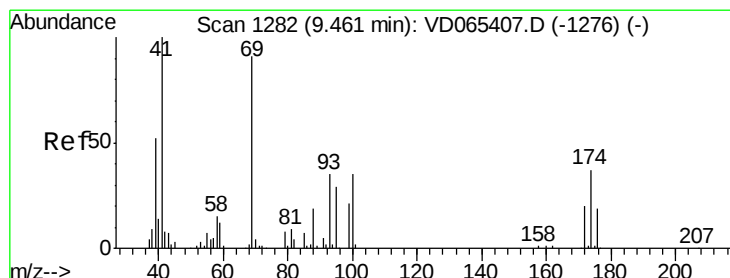
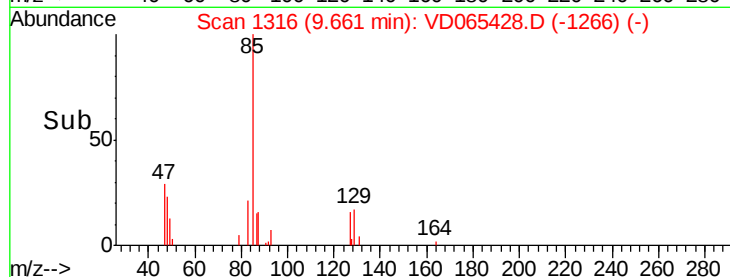
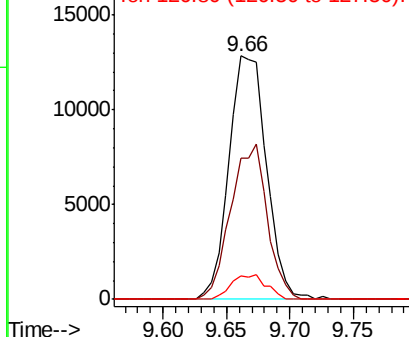
83 100

85 57.9 52.8 79.2

127 9.5 8.0 12.0



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: 3.611 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

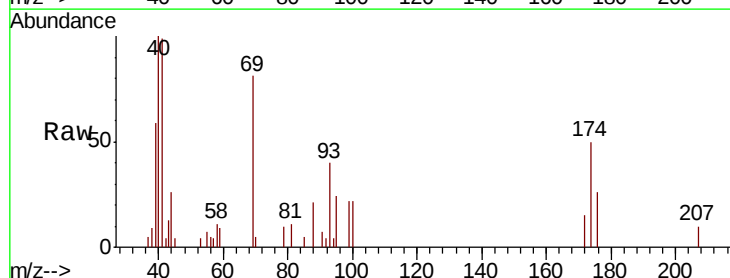
Tgt Ion: 41 Resp: 8126

Ion Ratio Lower Upper

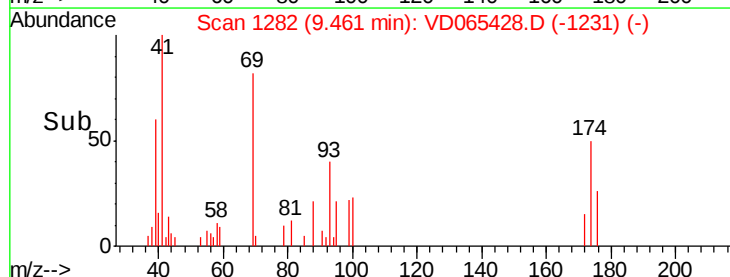
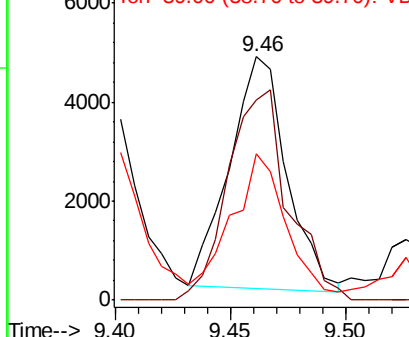
41 100

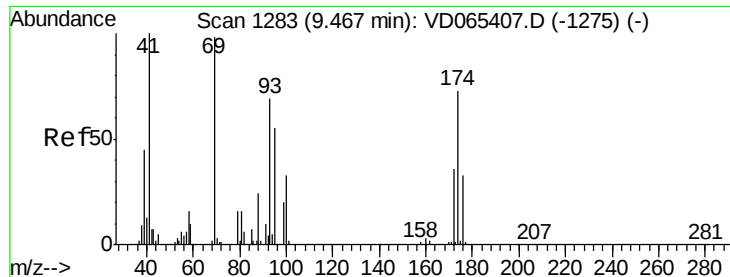
69 95.9 72.5 108.7

39 53.6 41.6 62.4



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

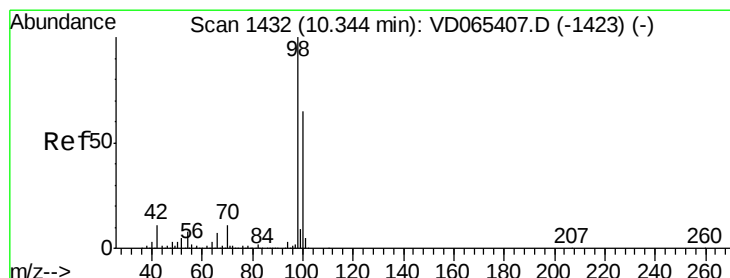
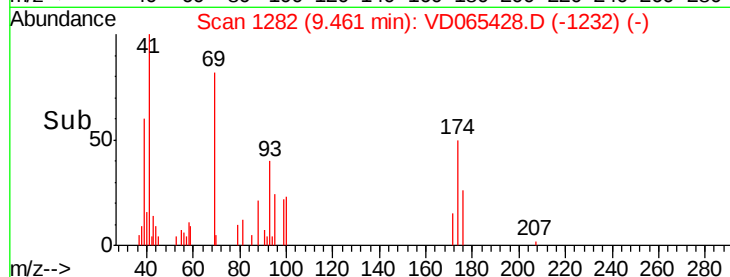
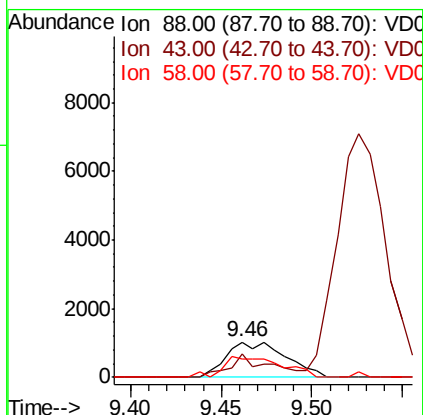
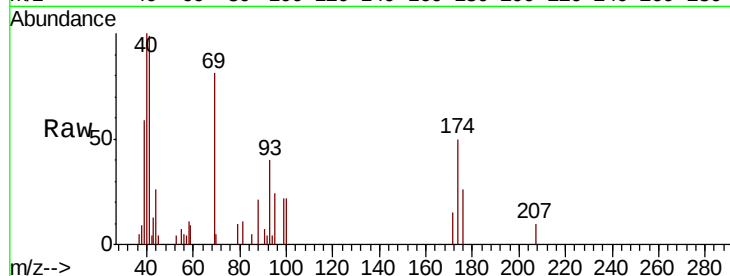




#49  
1,4-Dioxane  
Concen: 86.728 ug/l  
RT: 9.46 min Scan# 1282  
Delta R.T. -0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

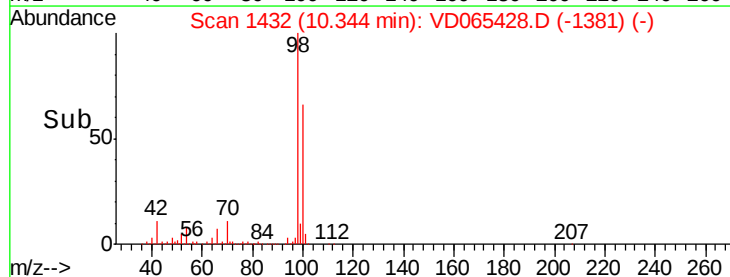
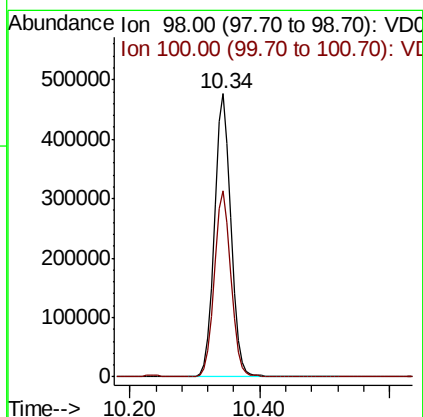
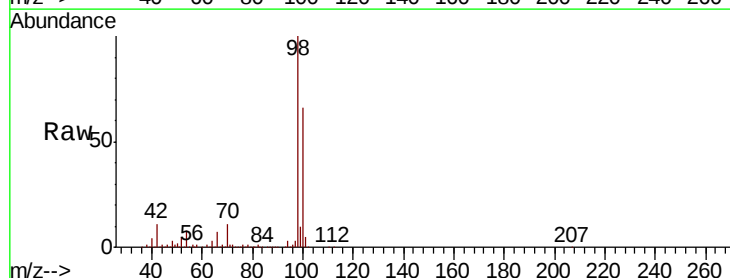
Instrument :  
MSVOA\_D  
ClientSampleId :

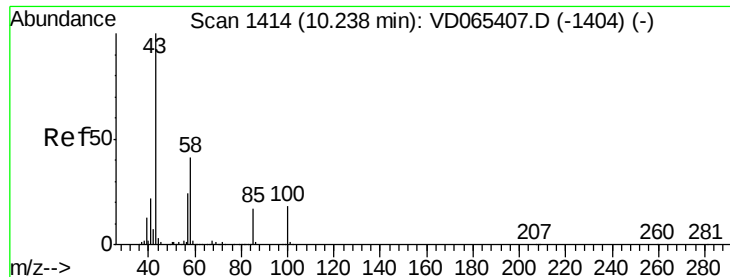
Tot Ion: 88 Resp: 2336  
Ion Ratio Lower Upper  
88 100  
43 42.6 24.5 36.7#  
58 57.4 54.5 81.7



#50  
Toluene-d8  
Concen: 50.295 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion: 98 Resp: 834371  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 17.588 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

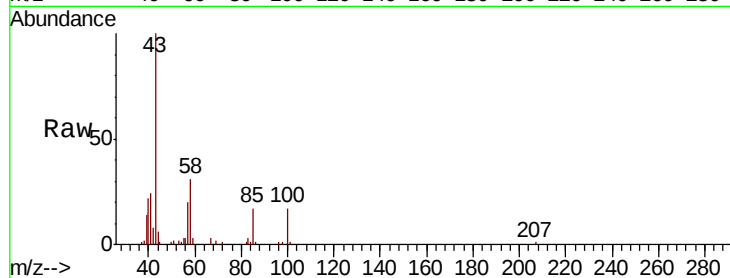
ClientSampleId :

Tot Ion: 43 Resp: 42339

Ion Ratio Lower Upper

43 100

58 36.3 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

25000

20000

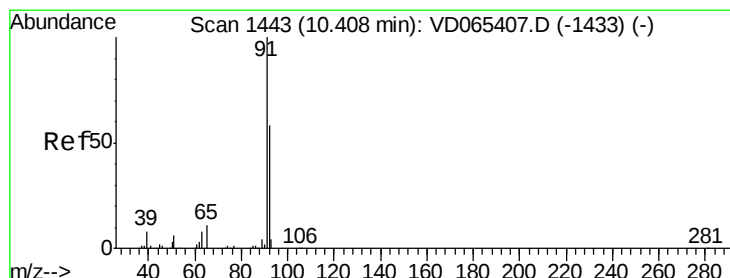
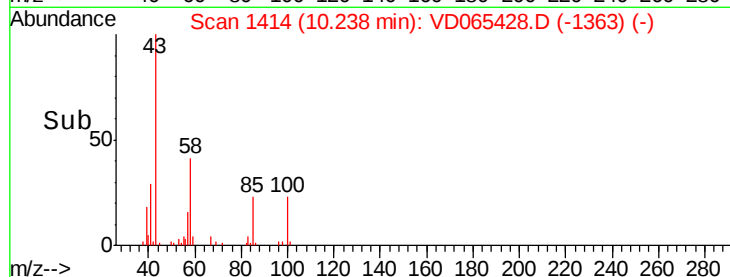
15000

10000

5000

0

Time-->



#52

Toluene

Concen: 4.343 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD065428.D

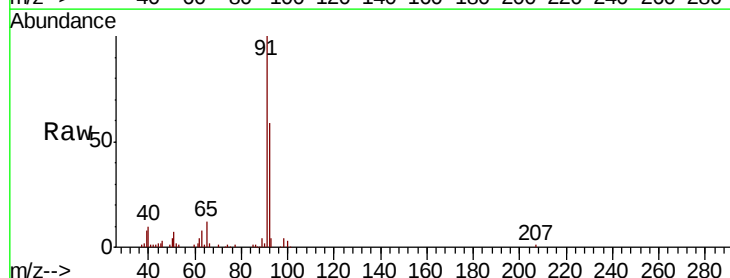
Acq: 05 Mar 2020 13:46

Tgt Ion: 92 Resp: 51276

Ion Ratio Lower Upper

92 100

91 174.8 137.8 206.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

50000

40000

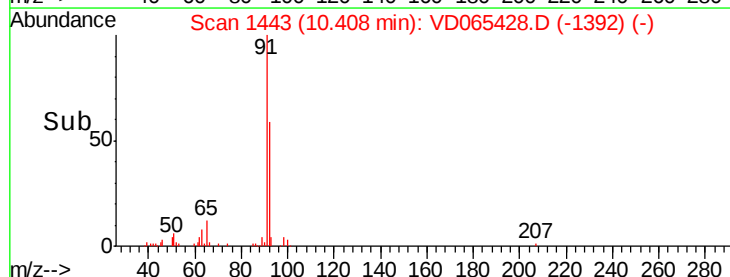
30000

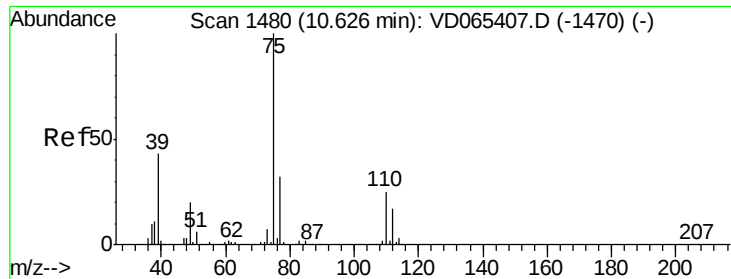
20000

10000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 4.225 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

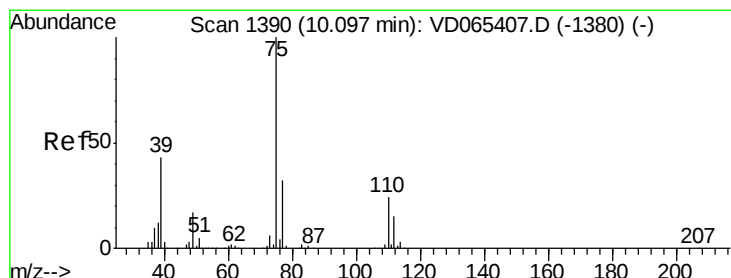
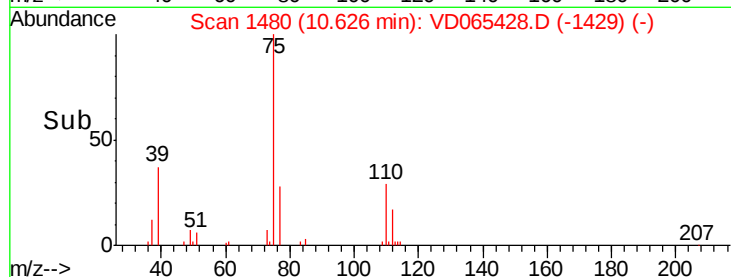
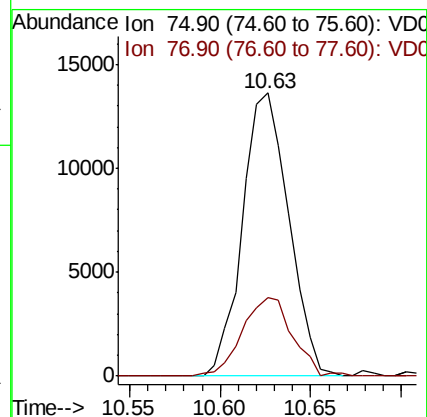
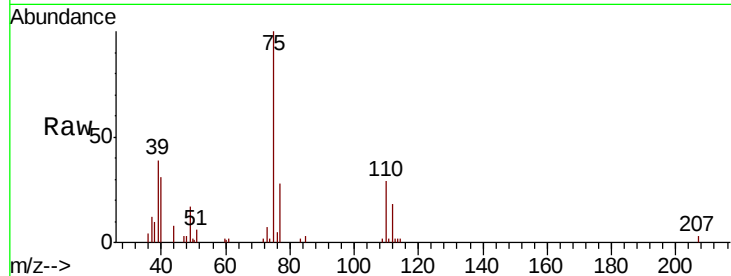
ClientSampled :

Tot Ion: 75 Resp: 24186

Ion Ratio Lower Upper

75 100

77 28.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 3.908 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

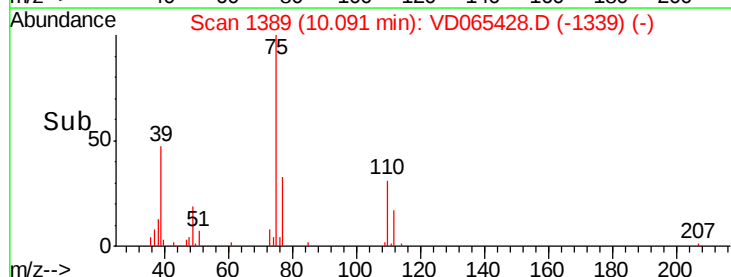
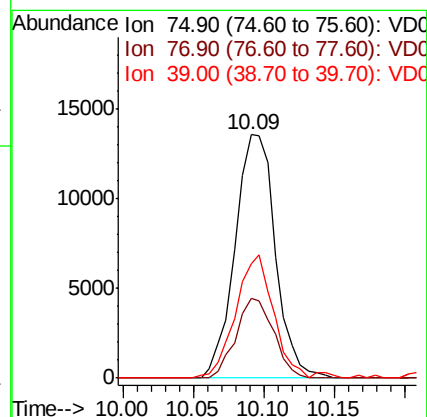
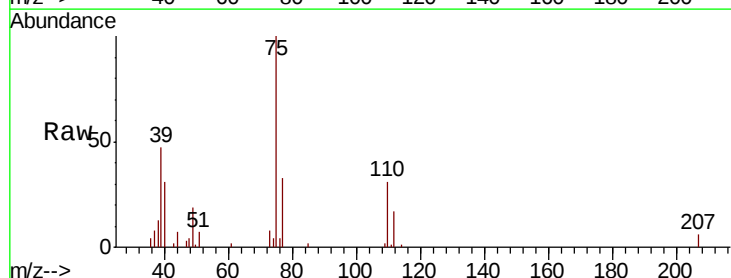
Tgt Ion: 75 Resp: 27081

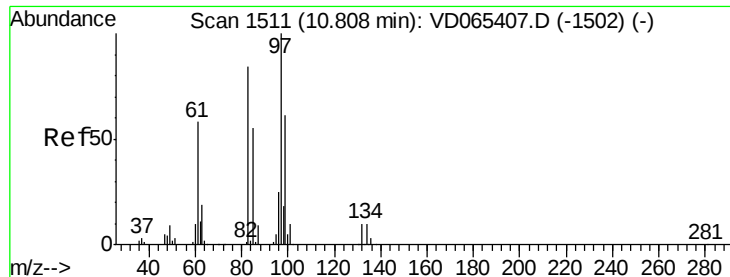
Ion Ratio Lower Upper

75 100

77 32.8 25.3 37.9

39 46.9 34.6 52.0

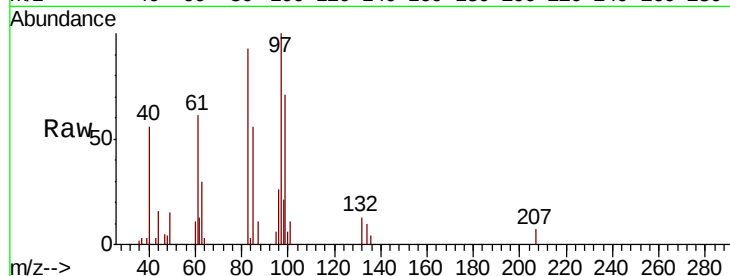




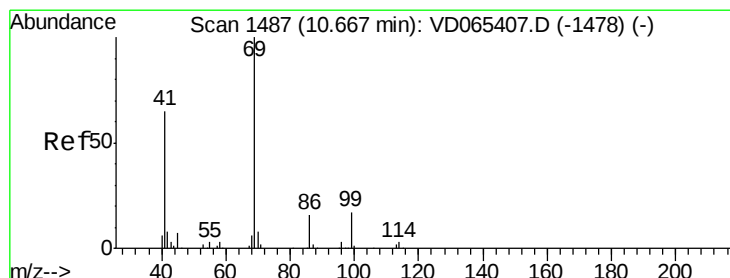
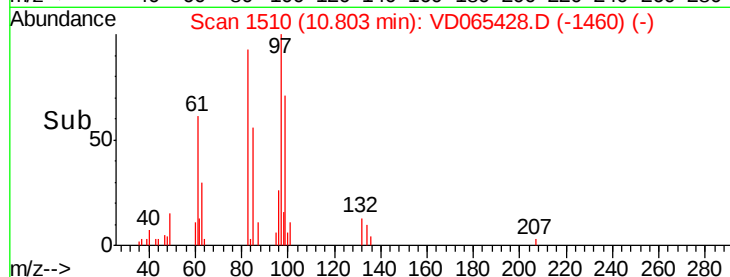
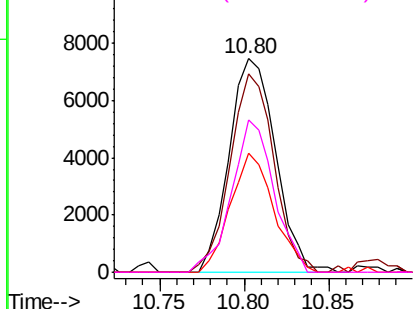
#55  
 1,1,2-Trichloroethane  
 Concen: 4.278 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. -0.01 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion: | 97    | Resp: | 14268 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 92.9  | 67.4  | 101.0 |
| 85       | 55.5  | 43.8  | 65.8  |
| 99       | 71.1  | 48.8  | 73.2  |

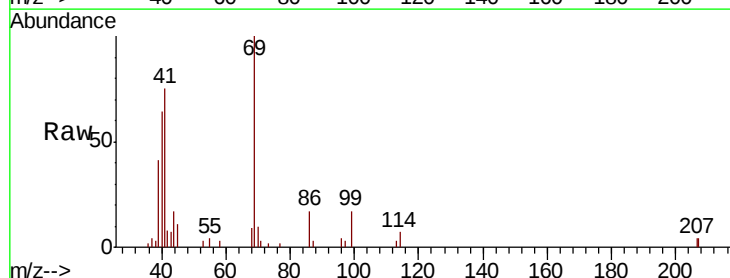


Abundance Ion 96.90 (96.60 to 97.60): VDC  
 Ion 82.90 (82.60 to 83.60): VDC  
 Ion 84.90 (84.60 to 85.60): VDC  
 Ion 98.90 (98.60 to 99.60): VDC

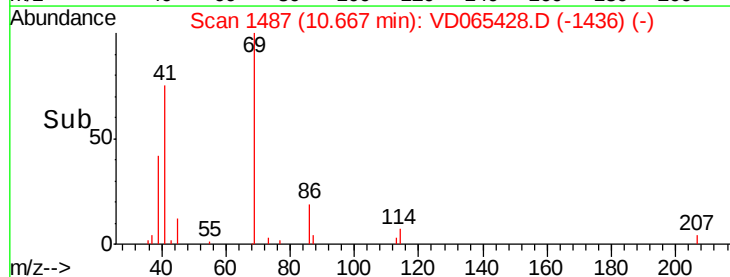
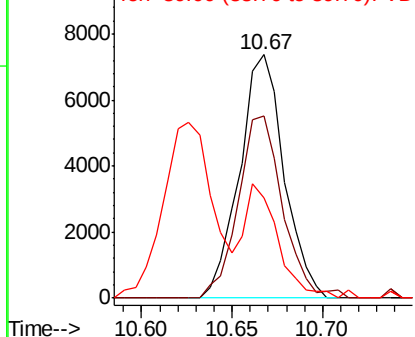


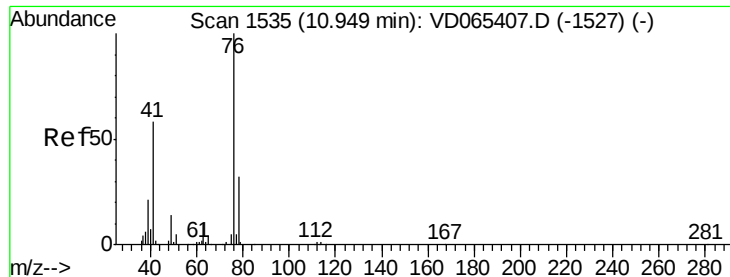
#56  
 Ethyl methacrylate  
 Concen: 3.343 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

| Tgt Ion: | 69    | Resp: | 12570 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 74.9  | 53.0  | 79.6  |
| 39       | 36.2  | 26.0  | 39.0  |



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: 4.251 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

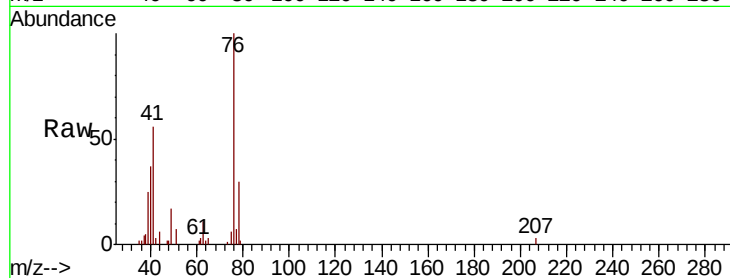
ClientSampleId :

Tot Ion: 76 Resp: 23986

Ion Ratio Lower Upper

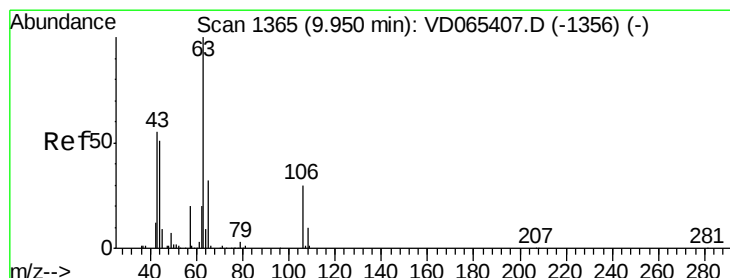
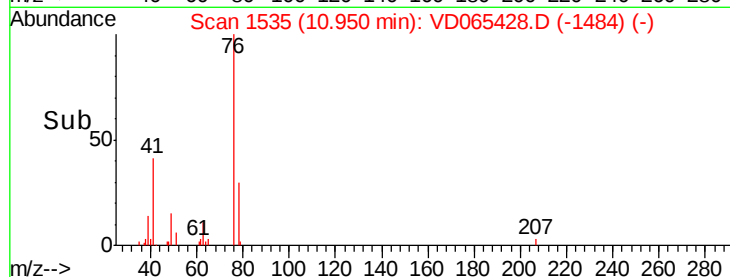
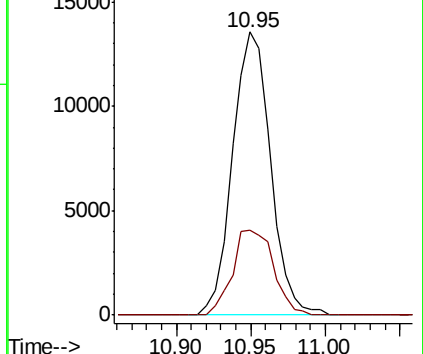
76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 15.764 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065428.D

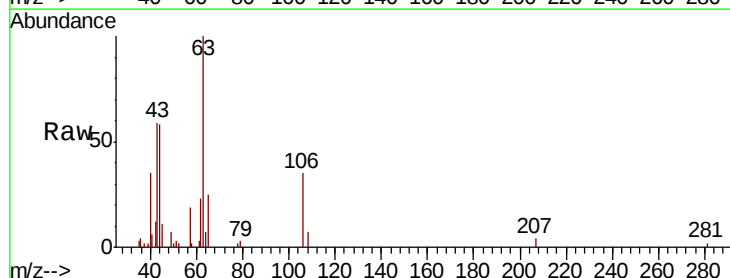
Acq: 05 Mar 2020 13:46

Tgt Ion: 63 Resp: 19114

Ion Ratio Lower Upper

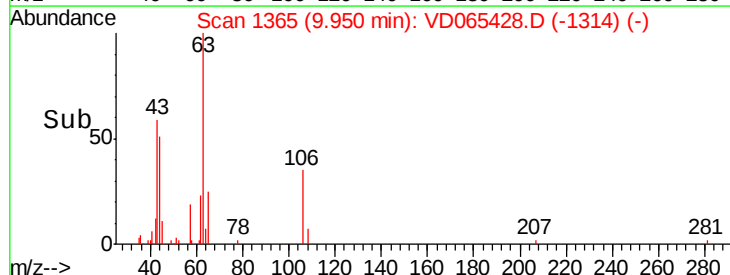
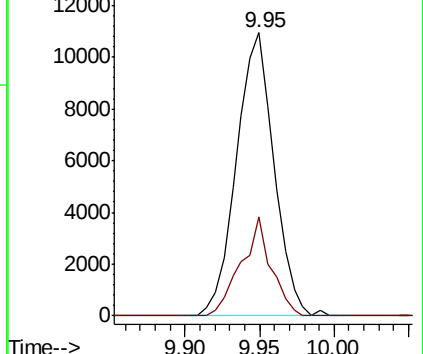
63 100

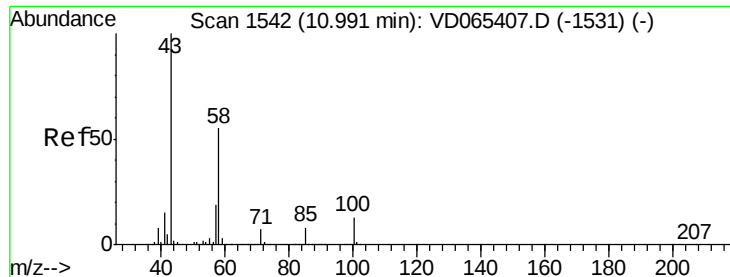
106 28.0 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

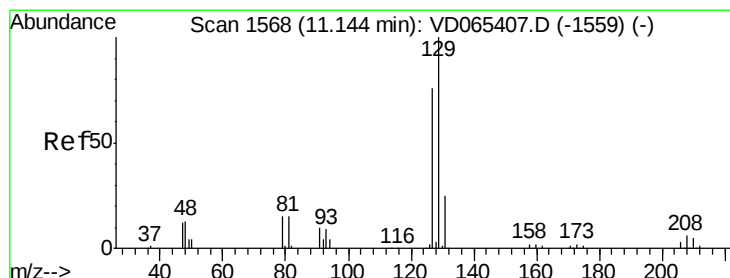
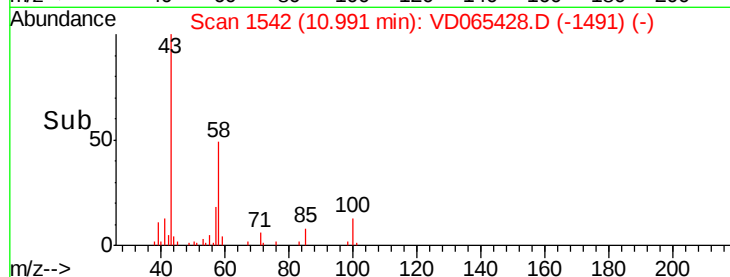
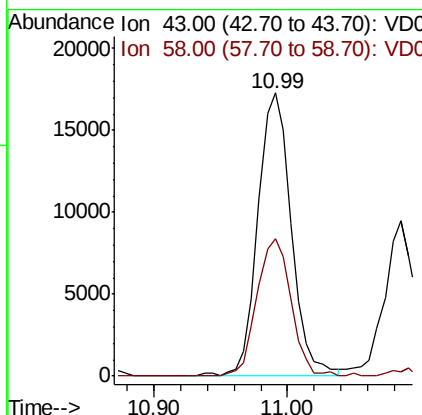
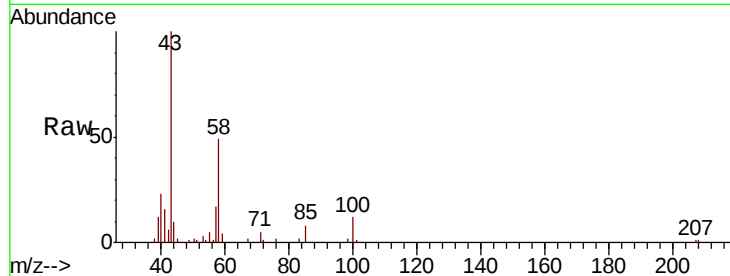




#59  
2-Hexanone  
Concen: 17.941 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

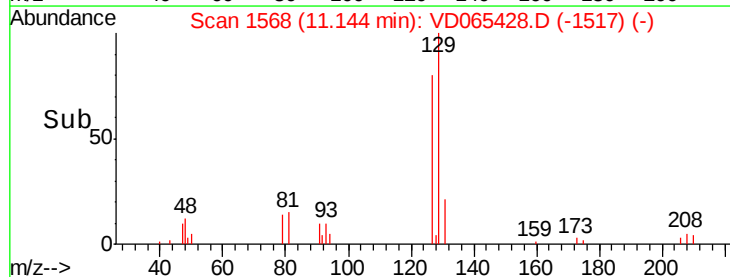
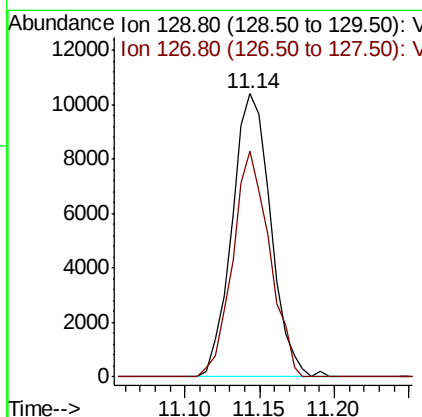
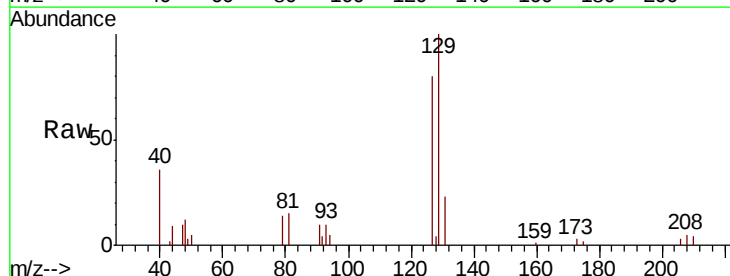
Instrument :  
MSVOA\_D  
ClientSampleId :

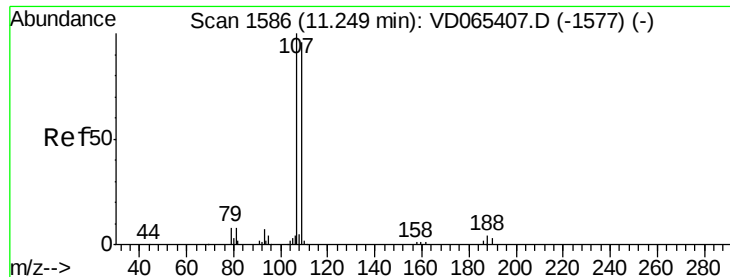
Tot Ion: 43 Resp: 29897  
Ion Ratio Lower Upper  
43 100  
58 49.7 27.4 82.2



#60  
Dibromochloromethane  
Concen: 4.391 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion: 129 Resp: 18771  
Ion Ratio Lower Upper  
129 100  
127 75.8 38.5 115.5

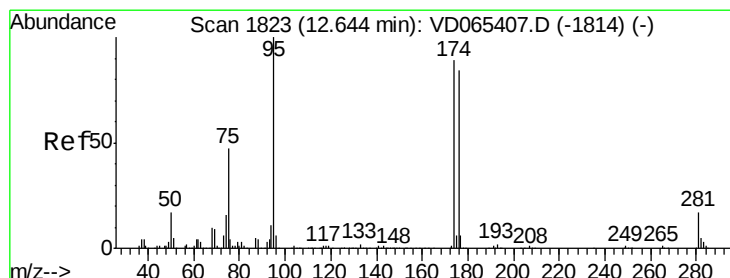
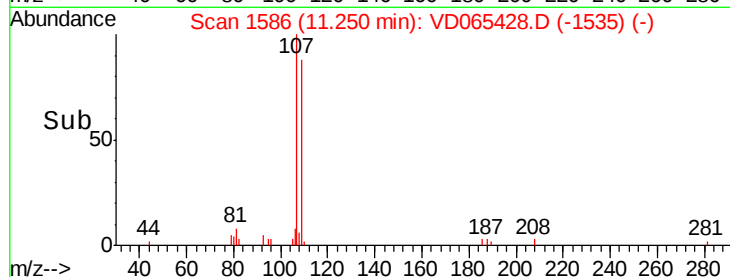
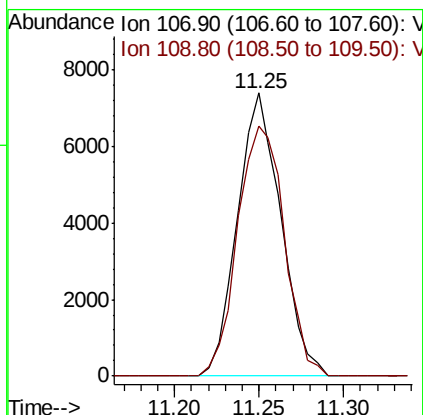
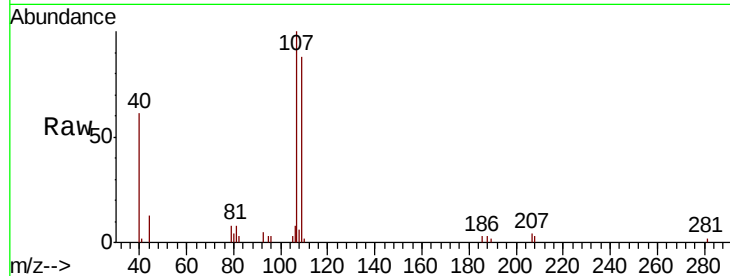




#61  
 1,2-Dibromoethane  
 Concen: 4.153 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

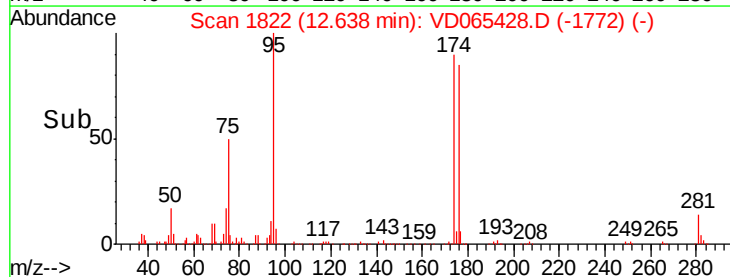
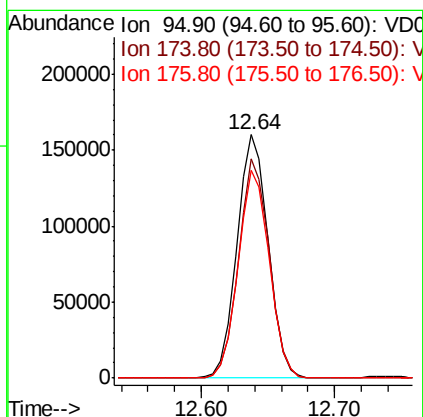
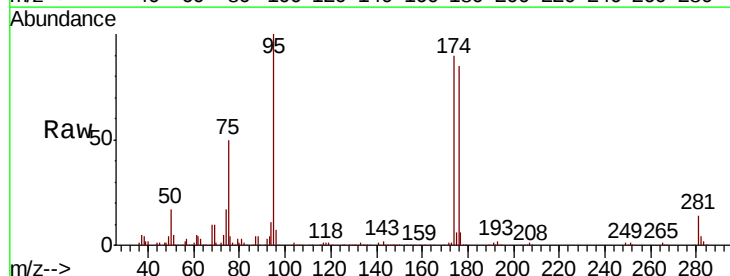
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 107 Resp: 13213  
 Ion Ratio Lower Upper  
 107 100  
 109 94.8 76.8 115.2



#62  
 4-Bromofluorobenzene  
 Concen: 50.414 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. -0.01 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

Tgt Ion: 95 Resp: 258186  
 Ion Ratio Lower Upper  
 95 100  
 174 88.8 0.0 176.8  
 176 85.3 0.0 171.4

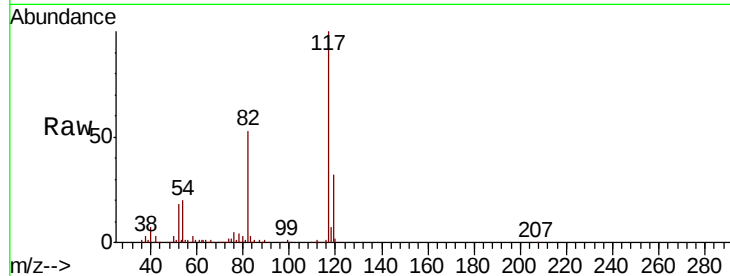




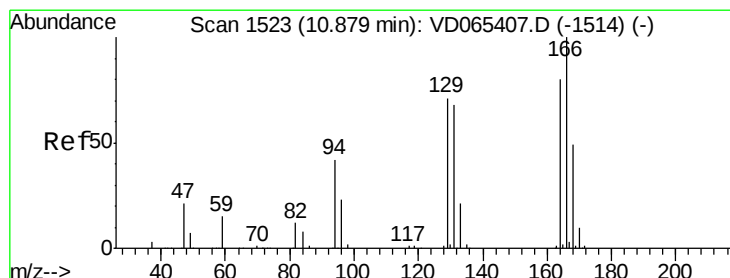
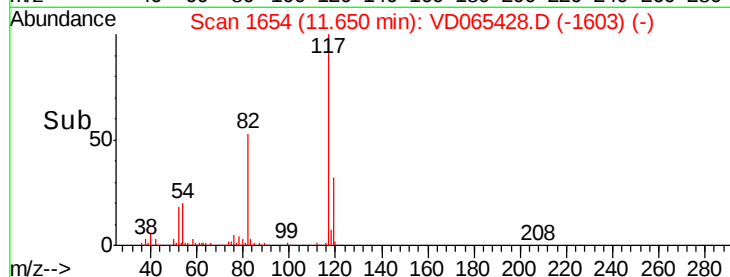
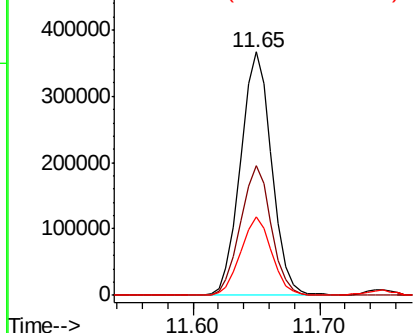
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:117 Resp: 624557  
Ion Ratio Lower Upper  
117 100  
82 53.5 40.6 60.8  
119 32.4 25.4 38.2

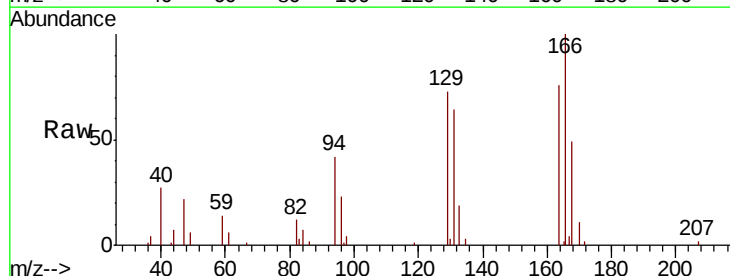


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

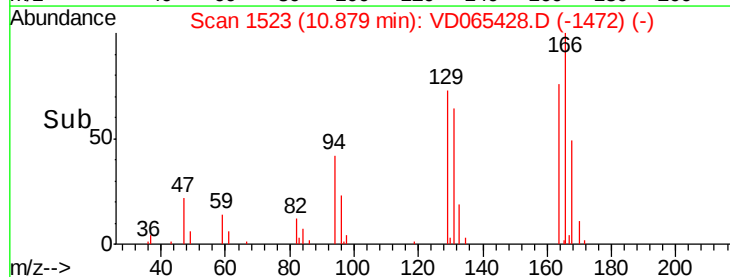
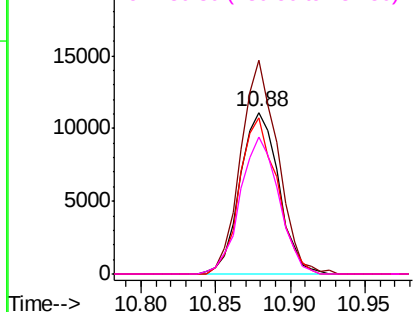


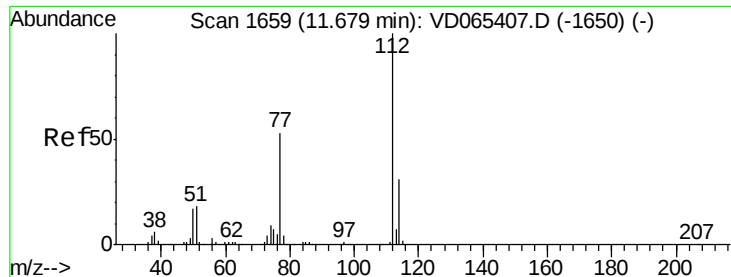
#64  
Tetrachloroethene  
Concen: 4.461 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion:164 Resp: 19963  
Ion Ratio Lower Upper  
164 100  
166 132.2 100.5 150.7  
129 96.8 71.5 107.3  
131 84.5 68.5 102.7



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

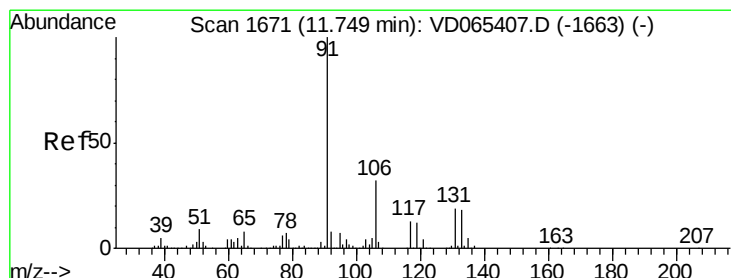
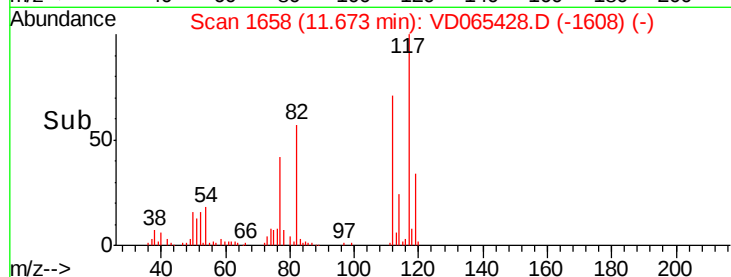
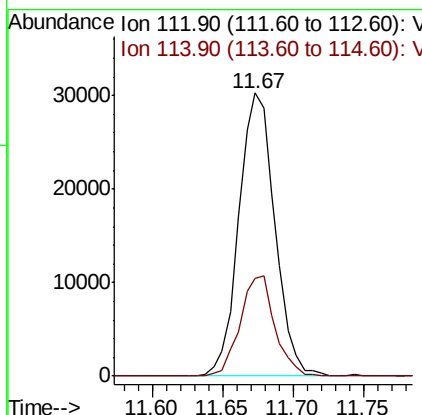
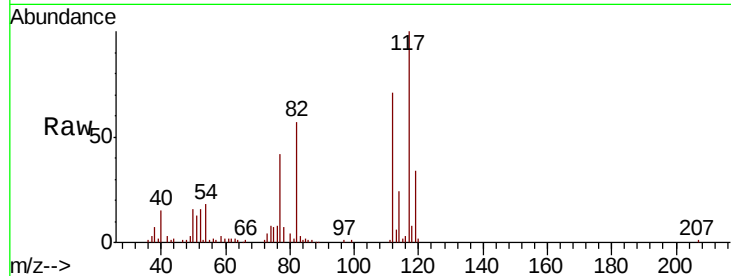




#65  
Chlorobenzene  
Concen: 4.363 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. -0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

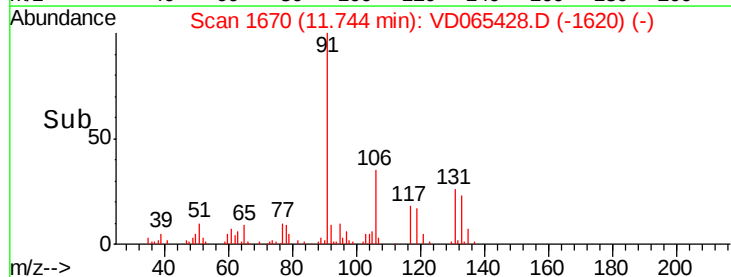
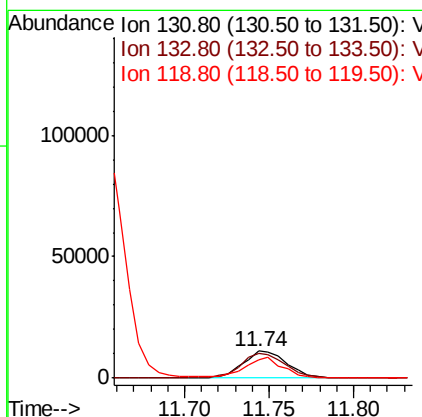
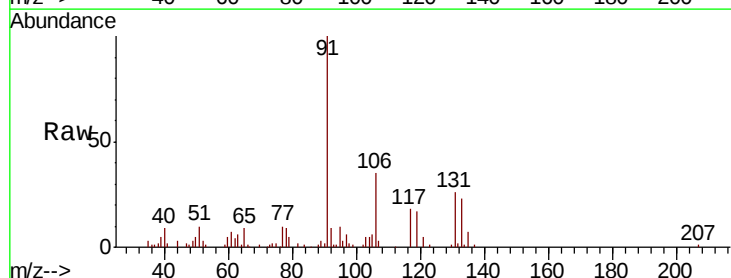
Instrument :  
MSVOA\_D  
ClientSampleId :

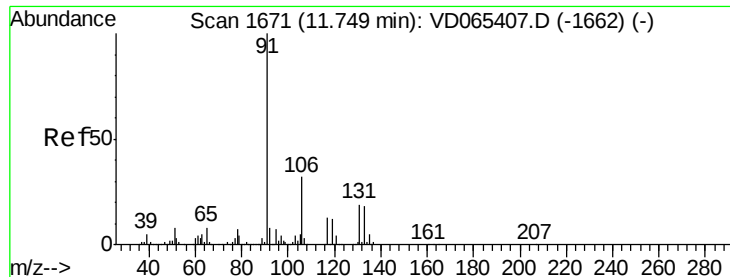
Tot Ion:112 Resp: 53922  
Ion Ratio Lower Upper  
112 100  
114 34.7 24.4 36.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.390 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. -0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion:131 Resp: 19761  
Ion Ratio Lower Upper  
131 100  
133 93.2 49.2 147.6  
119 69.1 33.3 99.8





#67

Ethyl Benzene

Concen: 3.861 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

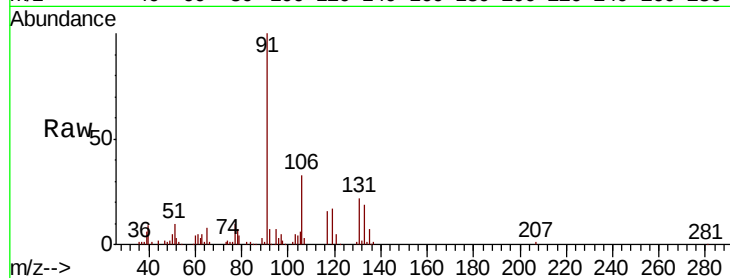
ClientSampled :

Tot Ion: 91 Resp: 82459

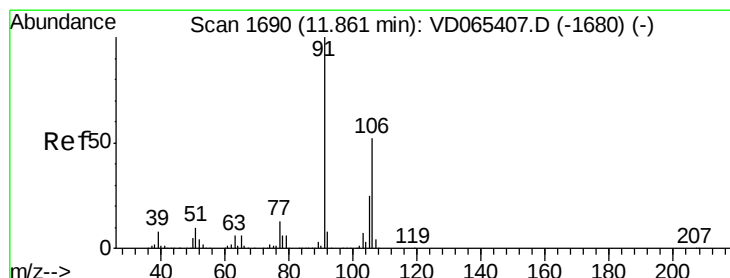
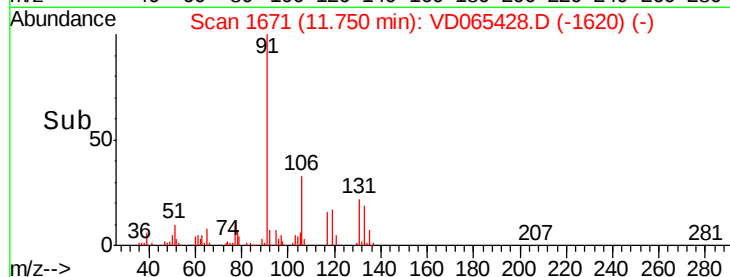
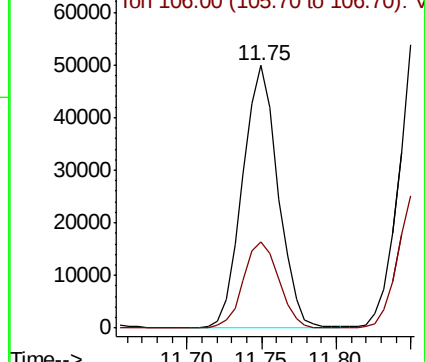
Ion Ratio Lower Upper

91 100

106 33.1 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VD065407.D (-1662) (-)



#68

m/p-Xylenes

Concen: 7.521 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD065428.D

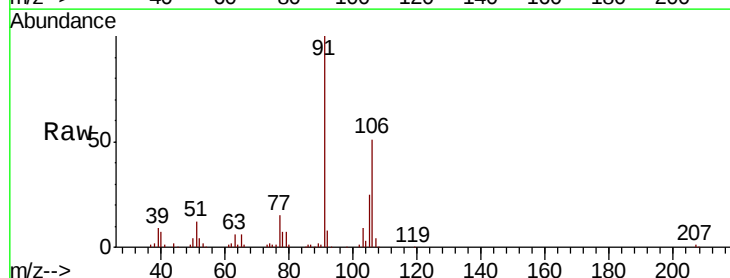
Acq: 05 Mar 2020 13:46

Tgt Ion: 106 Resp: 61935

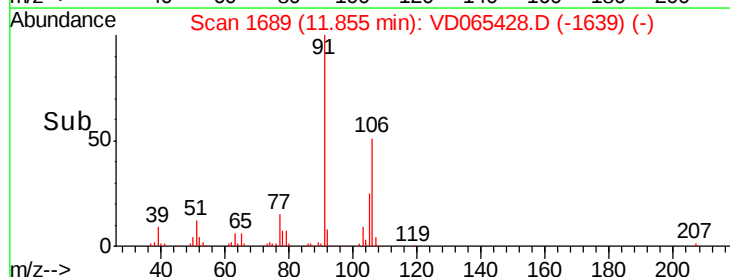
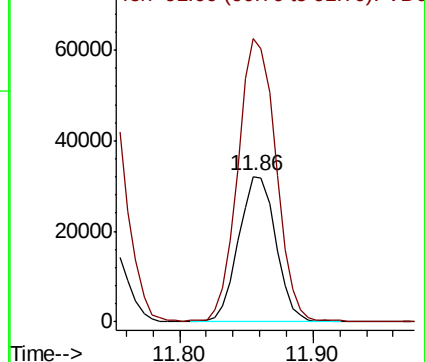
Ion Ratio Lower Upper

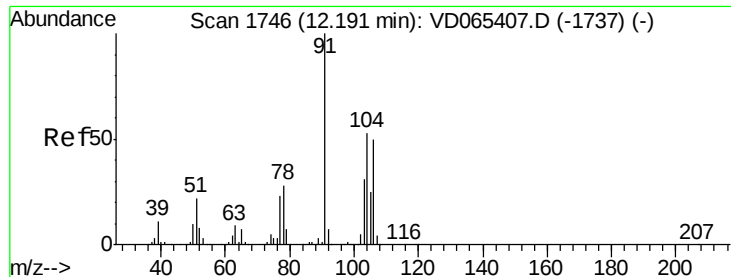
106 100

91 199.6 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): VD065407.D (-1680) (-)

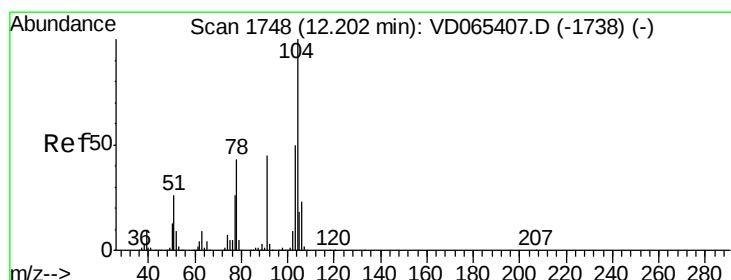
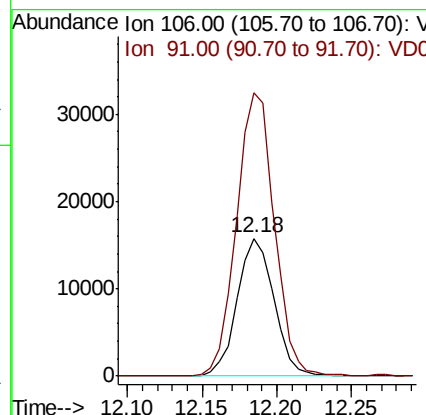
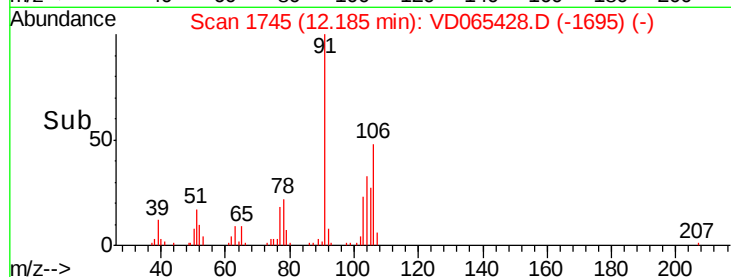
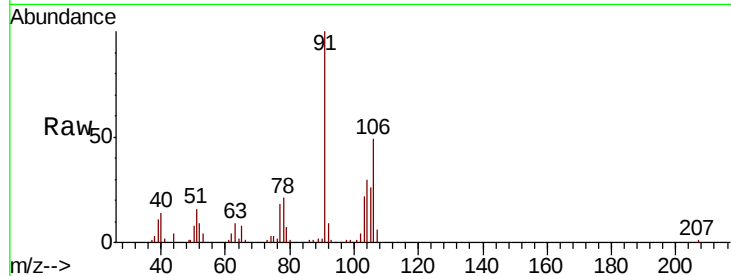




#69  
o-Xylene  
Concen: 3.747 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

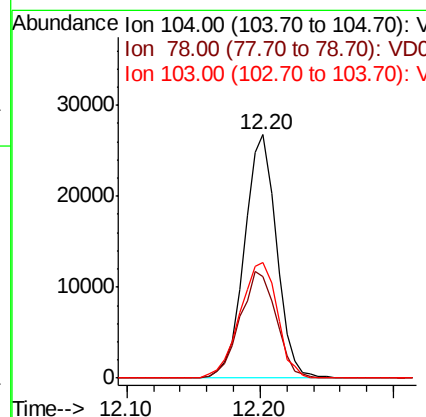
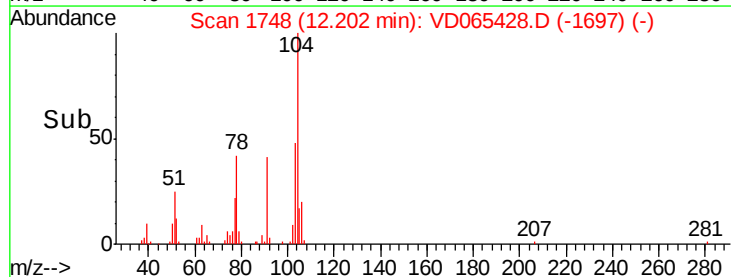
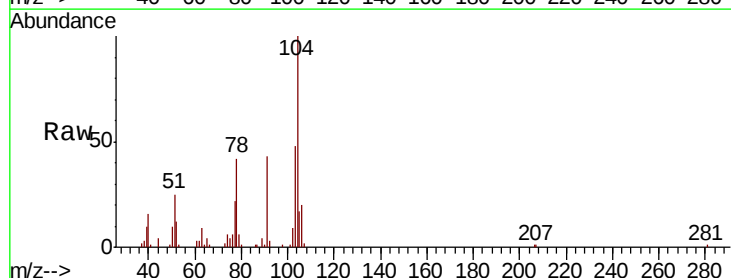
Instrument :  
MSVOA\_D  
ClientSampleId :

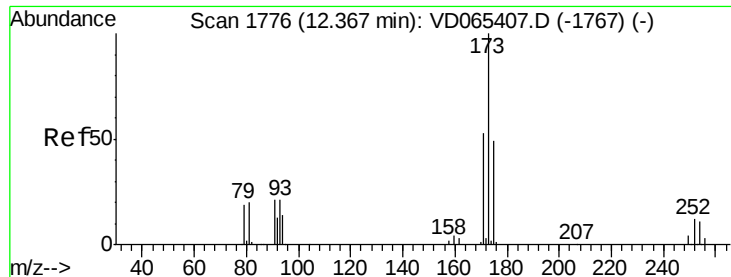
Tot Ion:106 Resp: 27143  
Ion Ratio Lower Upper  
106 100  
91 211.2 103.5 310.3



#70  
Styrene  
Concen: 3.490 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion:104 Resp: 44496  
Ion Ratio Lower Upper  
104 100  
78 49.4 37.7 56.5  
103 55.4 43.6 65.4





#71

Bromoform

Concen: 4.285 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

ClientSampleId :

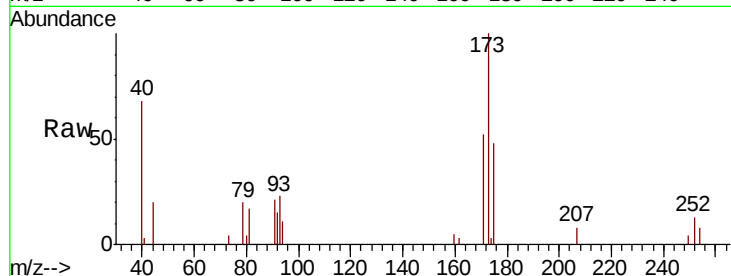
Tot Ion:173 Resp: 10833

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

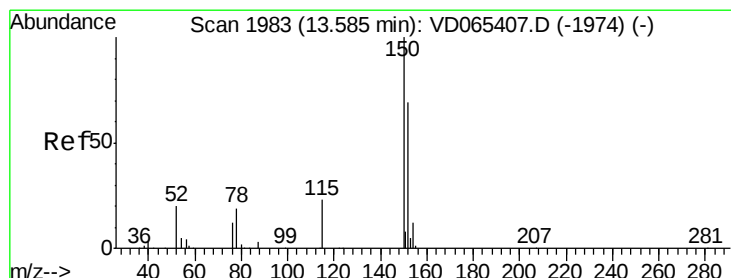
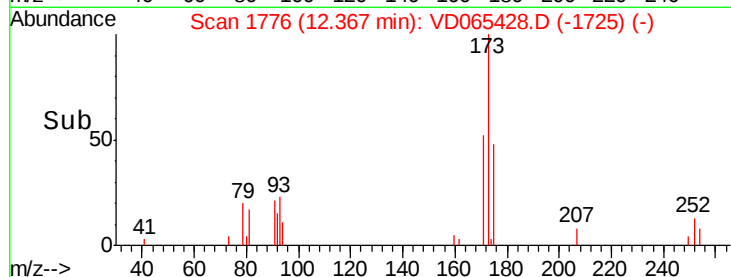
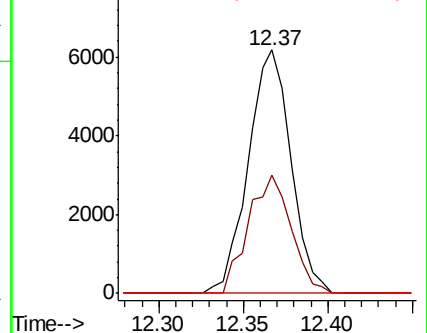
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

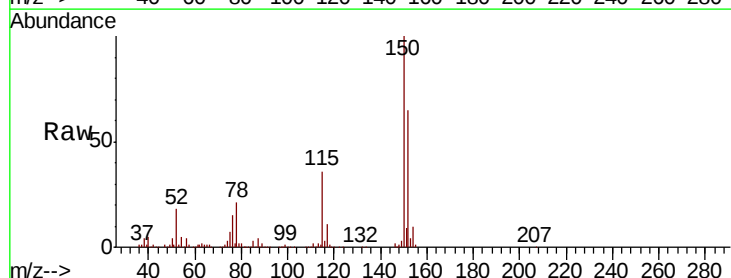
Tgt Ion:152 Resp: 305519

Ion Ratio Lower Upper

152 100

115 55.7 27.6 82.8

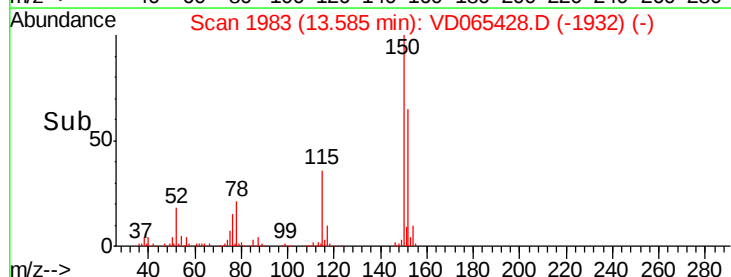
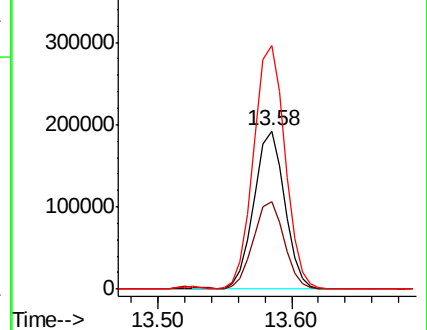
150 157.7 0.0 345.0



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: 3.604 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

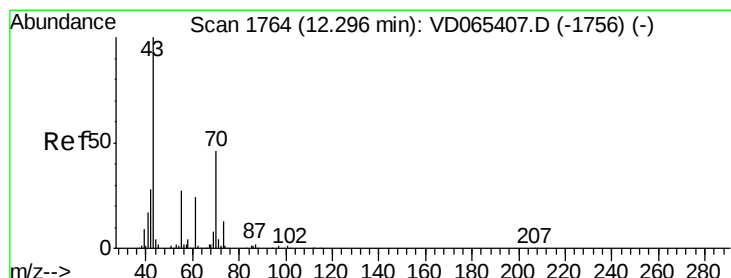
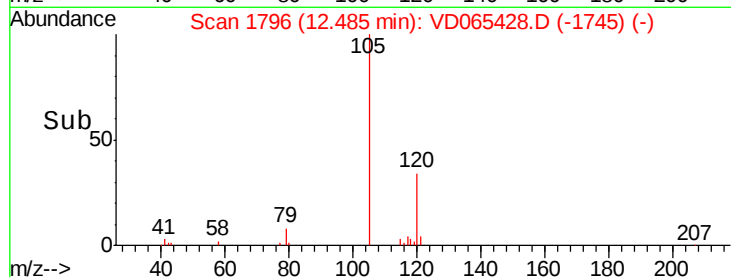
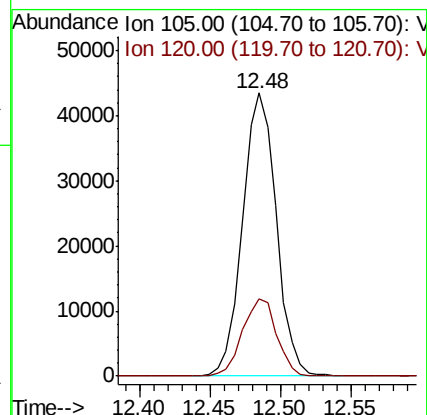
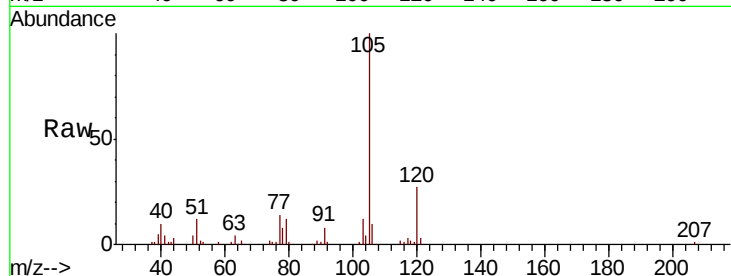
ClientSampleId :

Tot Ion:105 Resp: 72429

Ion Ratio Lower Upper

105 100

120 27.7 13.5 40.4



#74

N-ethyl acetate

Concen: 3.560 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Tgt Ion: 43 Resp: 14644

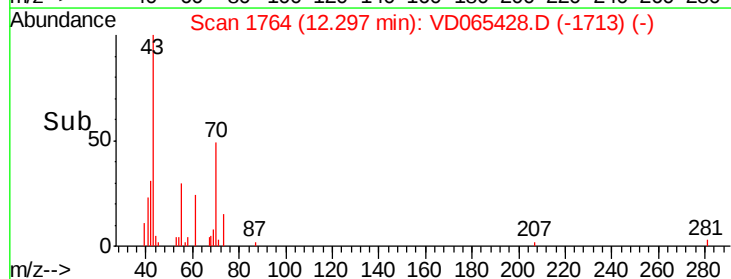
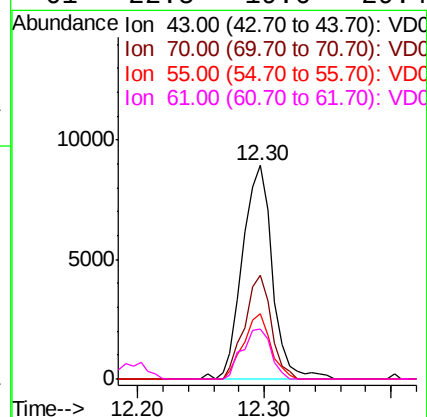
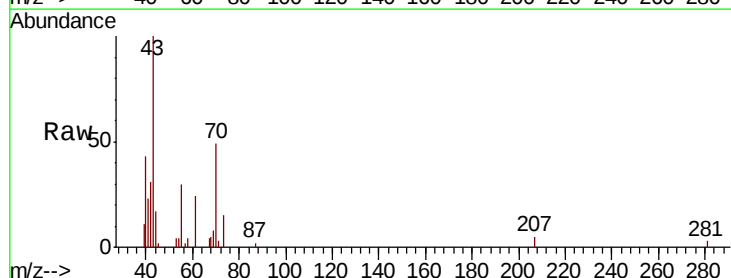
Ion Ratio Lower Upper

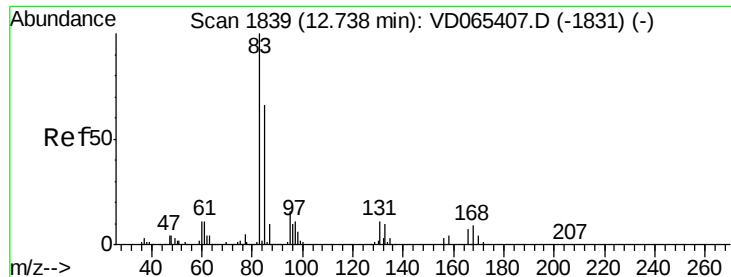
43 100

70 43.2 36.1 54.1

55 27.5 21.6 32.4

61 22.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 4.265 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

ClientSampled :

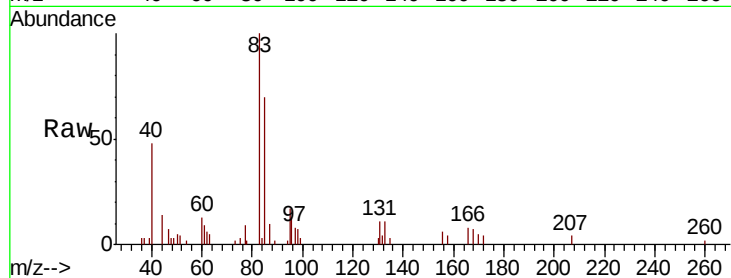
Tot Ion: 83 Resp: 15066

Ion Ratio Lower Upper

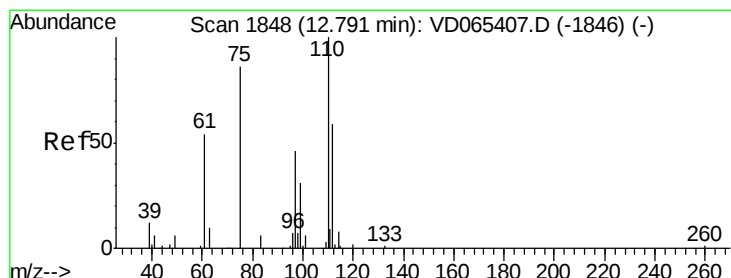
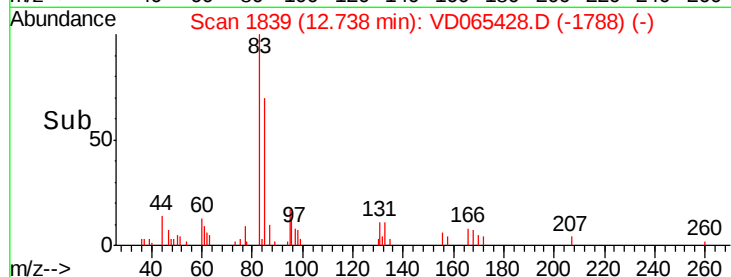
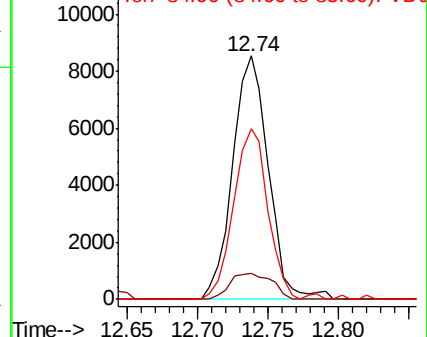
83 100

131 12.7 5.4 16.2

85 66.8 33.0 98.9



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



#76

1,2,3-Trichloropropane

Concen: 7.836 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065428.D

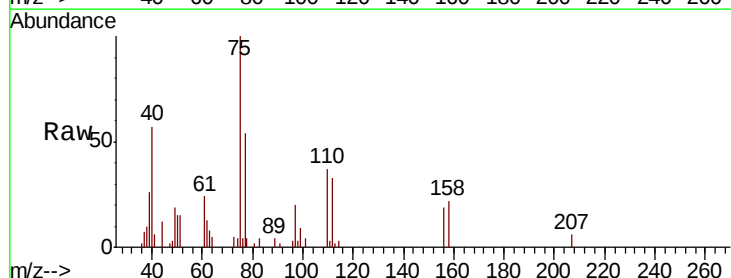
Acq: 05 Mar 2020 13:46

Tgt Ion: 75 Resp: 18892

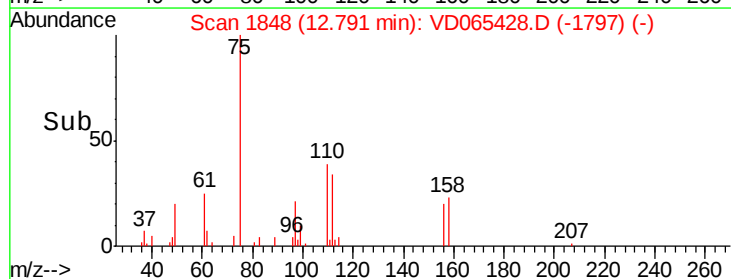
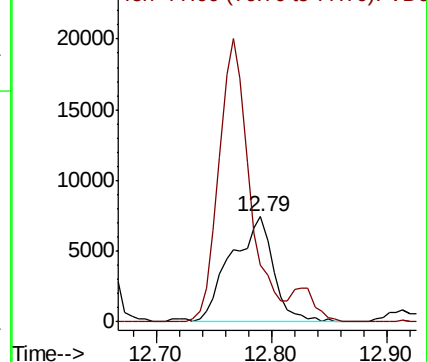
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 4.153 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

ClientSampled :

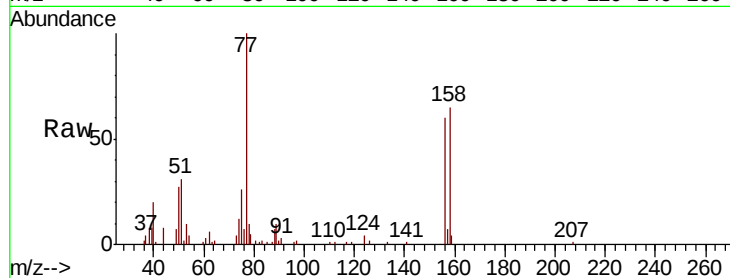
Tot Ion:156 Resp: 20735

Ion Ratio Lower Upper

156 100

77 177.8 84.9 254.6

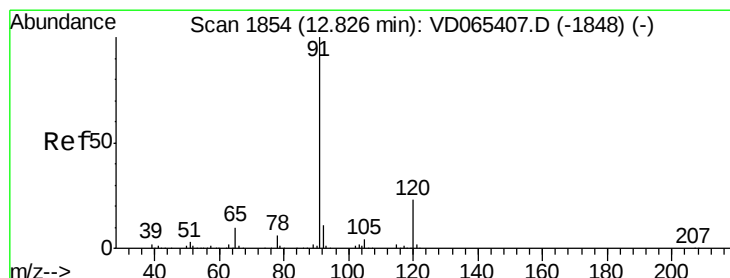
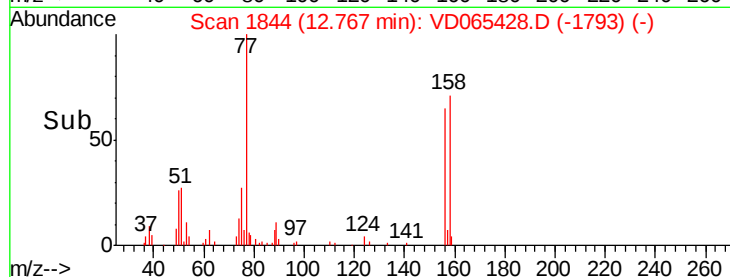
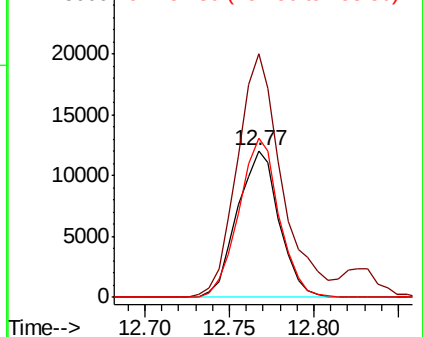
158 104.7 49.0 147.2



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: 4.007 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065428.D

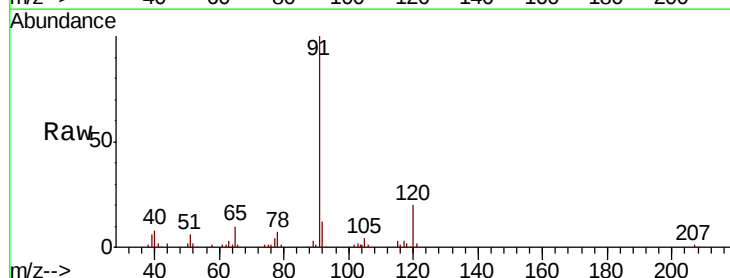
Acq: 05 Mar 2020 13:46

Tgt Ion: 91 Resp: 95550

Ion Ratio Lower Upper

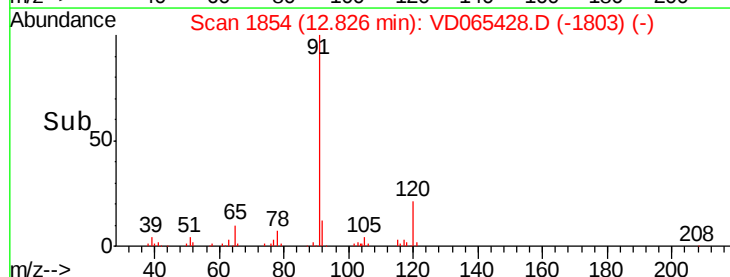
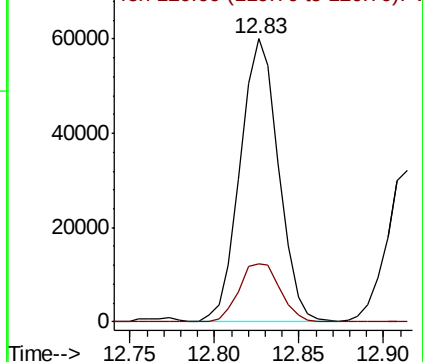
91 100

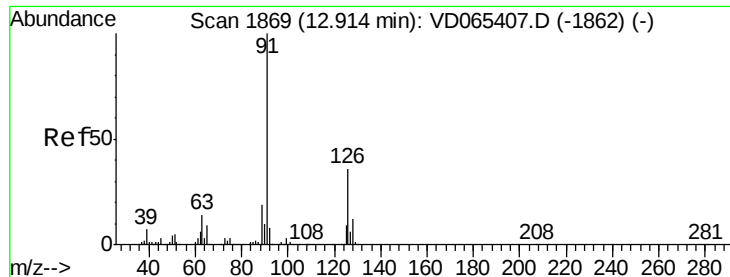
120 22.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.085 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

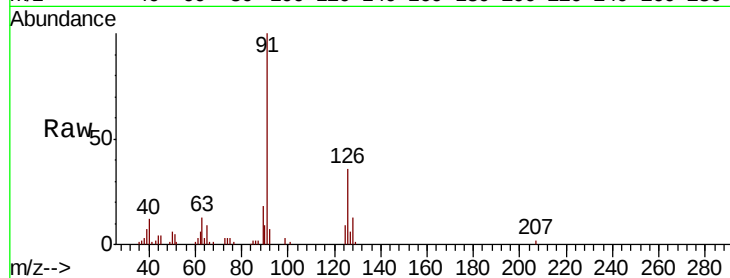
ClientSampleId :

Tot Ion: 91 Resp: 54887

Ion Ratio Lower Upper

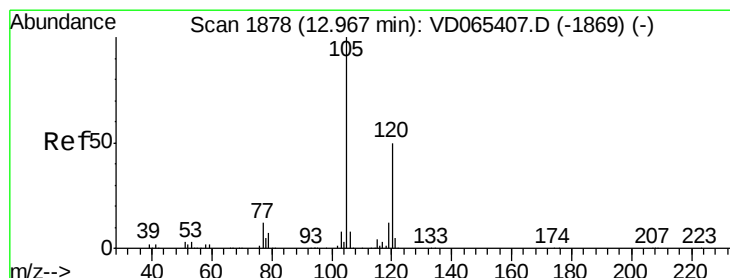
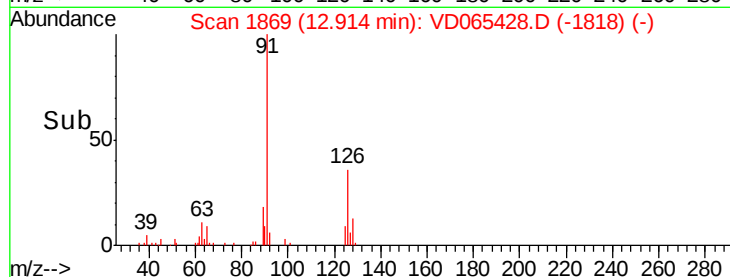
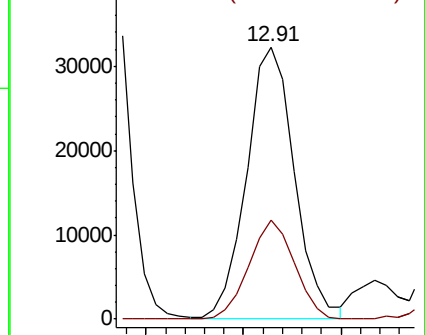
91 100

126 34.3 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VD065407.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD065407.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 3.688 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065428.D

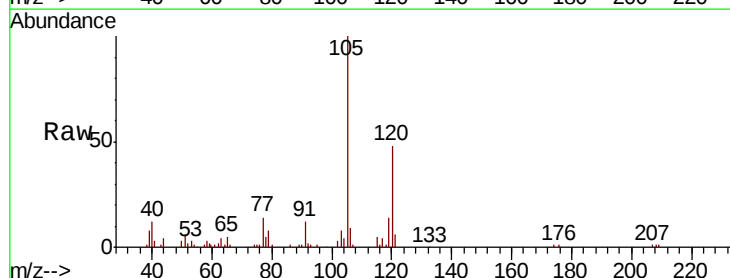
Acq: 05 Mar 2020 13:46

Tgt Ion:105 Resp: 60922

Ion Ratio Lower Upper

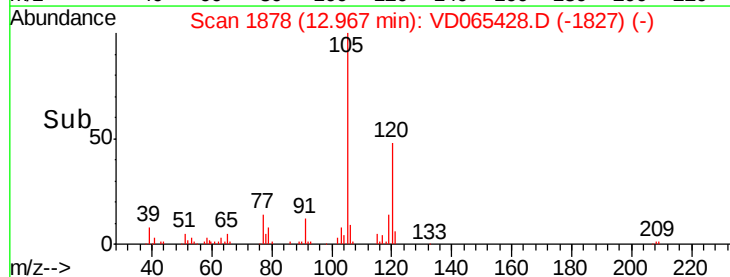
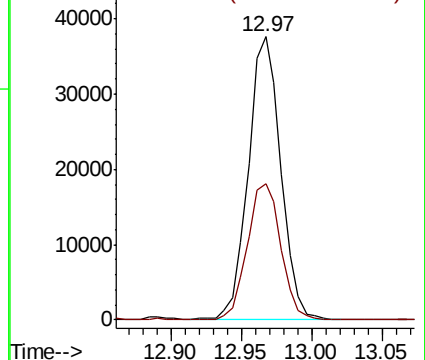
105 100

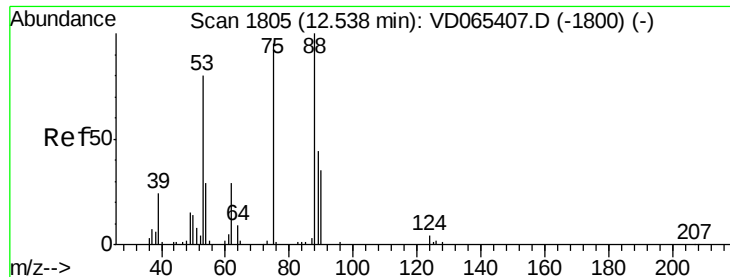
120 49.3 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VD065407.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD065407.D (-1869) (-)

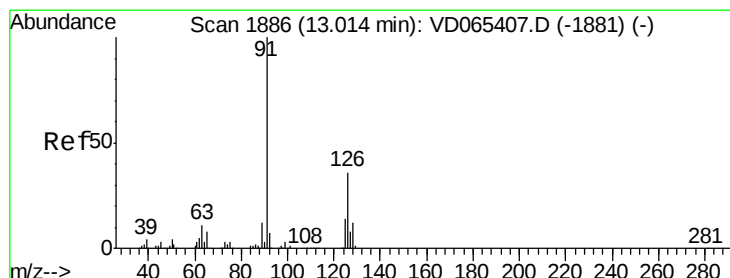
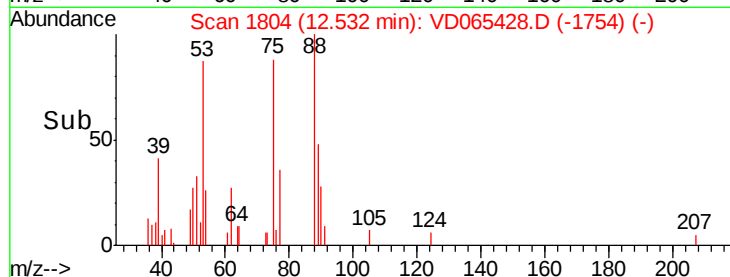
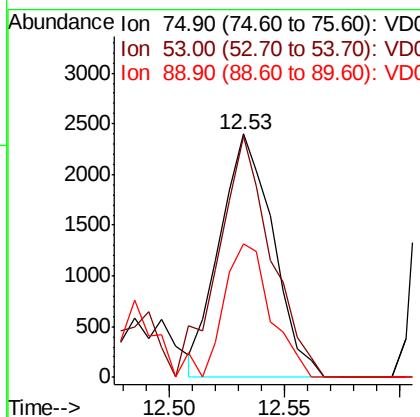
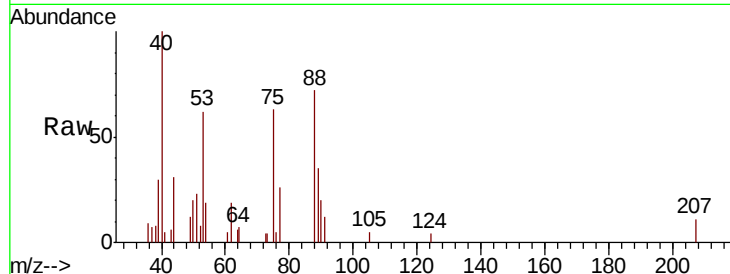




#81  
trans-1,4-Dichloro-2-butene  
Concen: 3.374 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. -0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

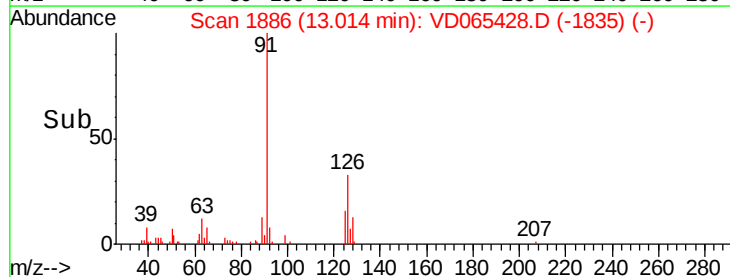
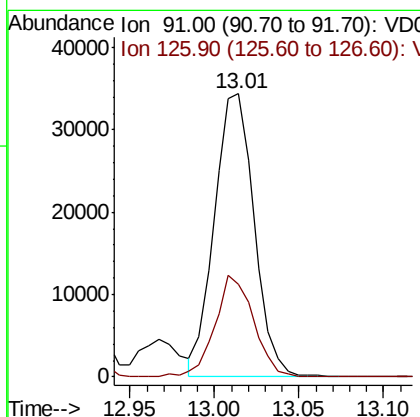
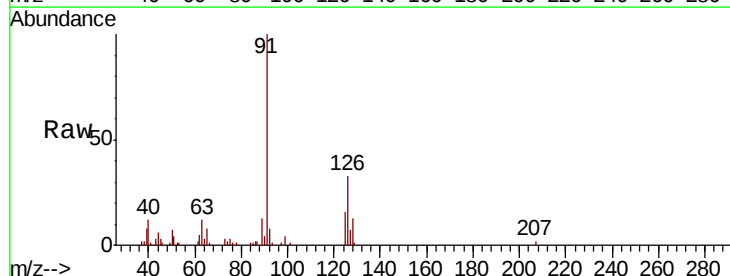
Instrument :  
MSVOA\_D  
ClientSampleId :

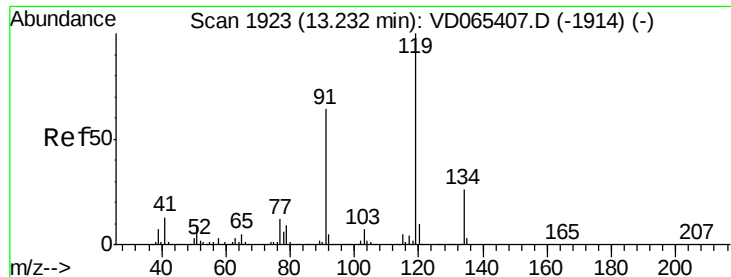
Tot Ion: 75 Resp: 3855  
Ion Ratio Lower Upper  
75 100  
53 98.3 71.3 106.9  
89 47.2 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 3.993 ug/l  
RT: 13.01 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion: 91 Resp: 56381  
Ion Ratio Lower Upper  
91 100  
126 34.7 17.6 52.8

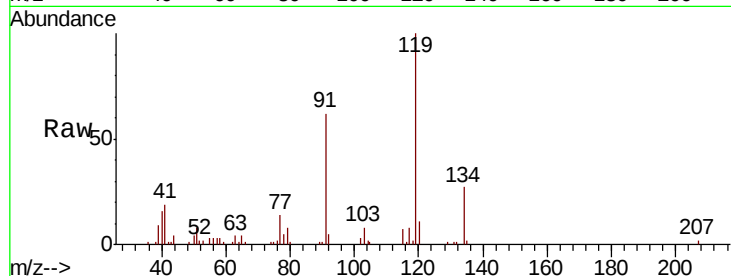




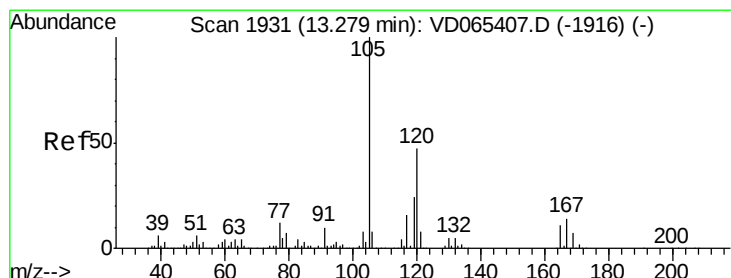
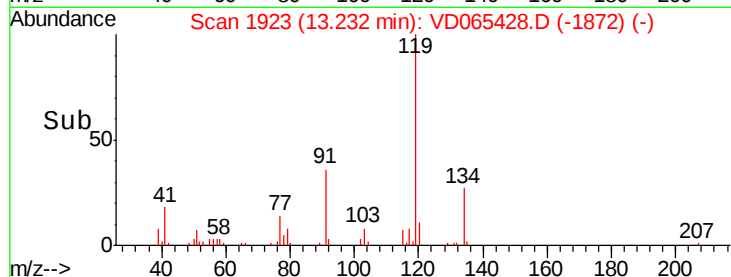
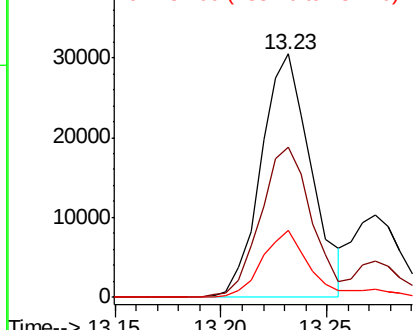
#83  
tert-Butylbenzene  
Concen: 3.585 ug/l  
RT: 13.23 min Scan# 1923  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:119 Resp: 50107  
Ion Ratio Lower Upper  
119 100  
91 62.7 31.6 95.0  
134 27.9 14.2 42.8

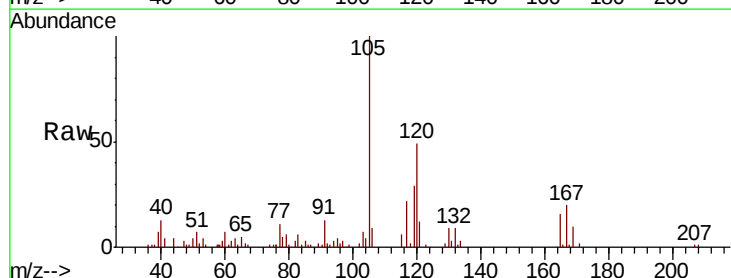


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

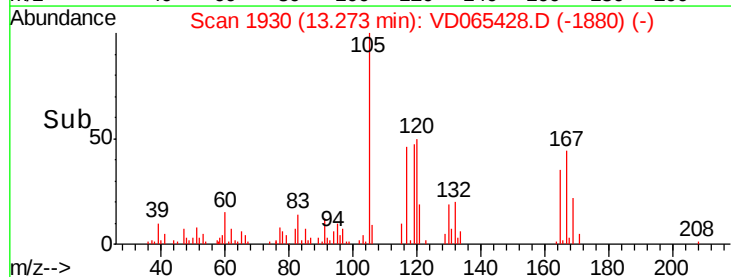
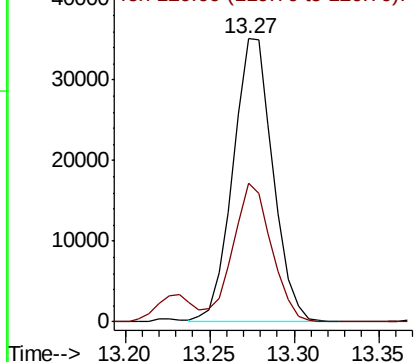


#84  
1,2,4-Trimethylbenzene  
Concen: 3.539 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. -0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion:105 Resp: 57631  
Ion Ratio Lower Upper  
105 100  
120 47.8 23.4 70.3



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





#85

sec-Butylbenzene

Concen: 3.667 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

Instrument :

MSVOA\_D

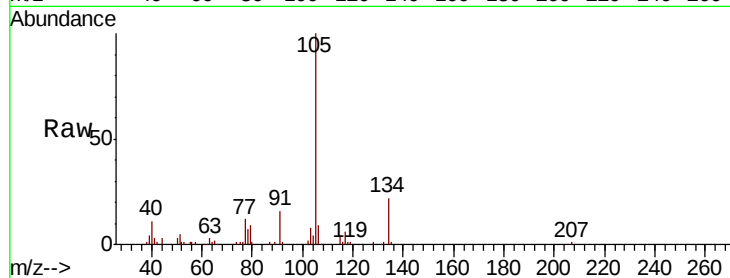
ClientSampleId :

Tot Ion:105 Resp: 73164

Ion Ratio Lower Upper

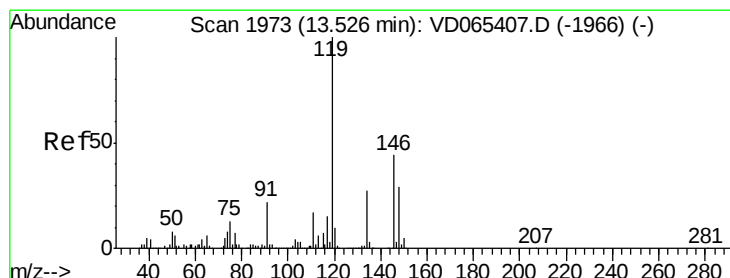
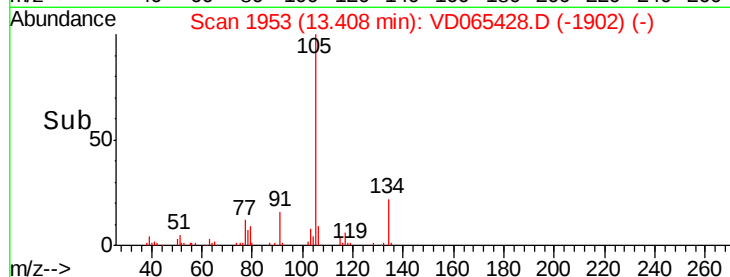
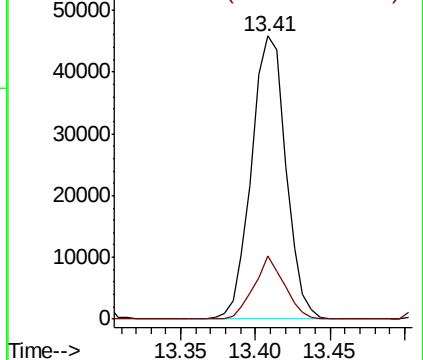
105 100

134 19.8 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.496 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065428.D

Acq: 05 Mar 2020 13:46

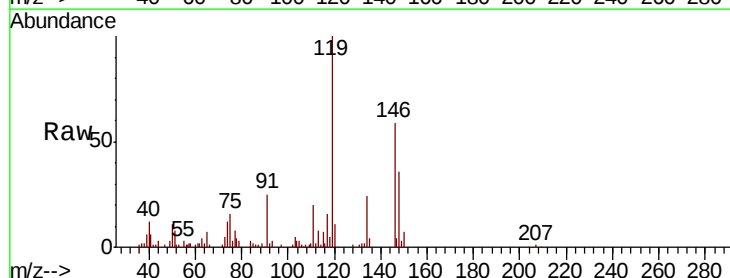
Tgt Ion:119 Resp: 63644

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

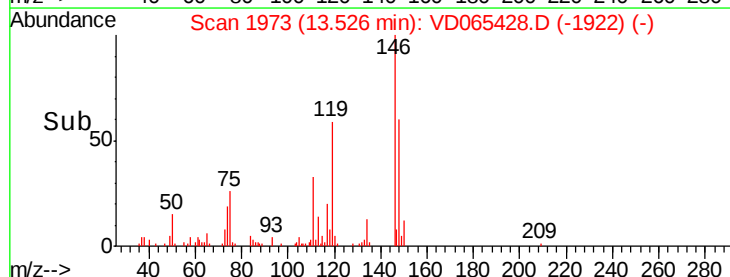
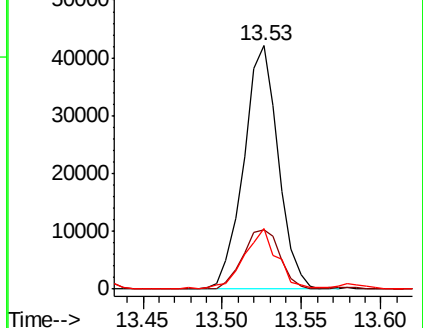
91 24.1 10.9 32.6

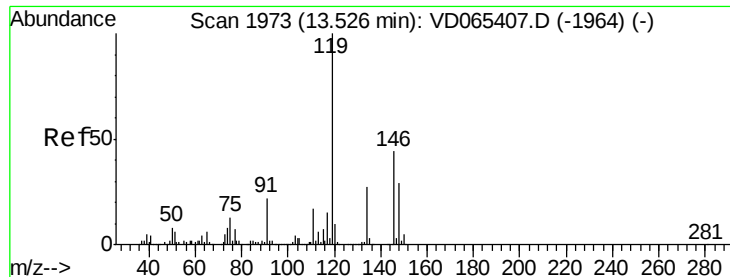


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

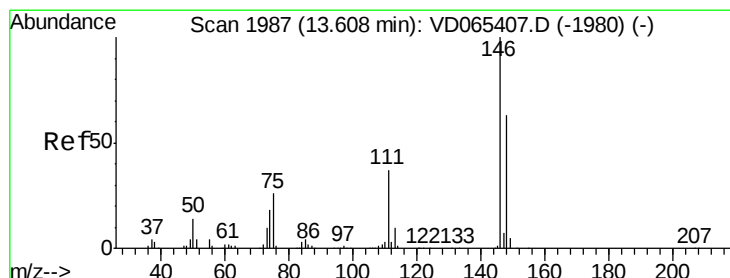
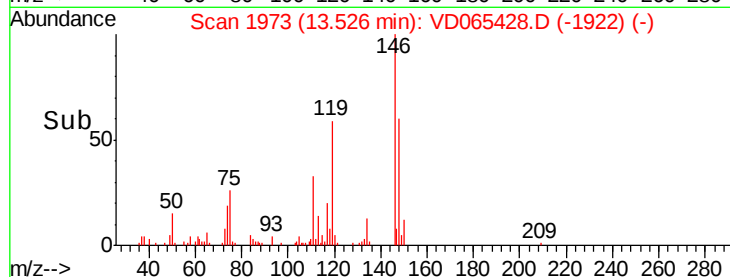
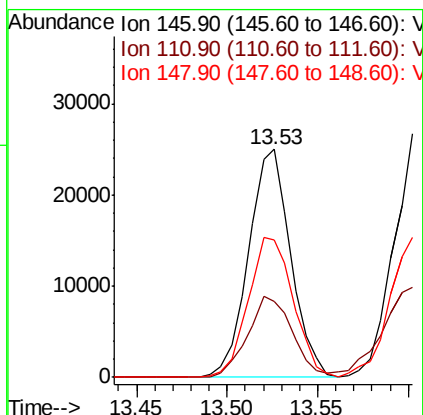
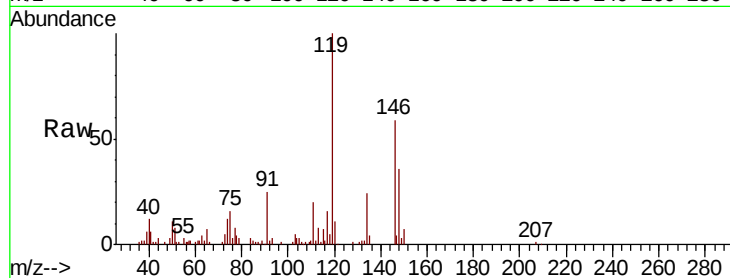




#87  
 1,3-Dichlorobenzene  
 Concen: 4.206 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. 0.00 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

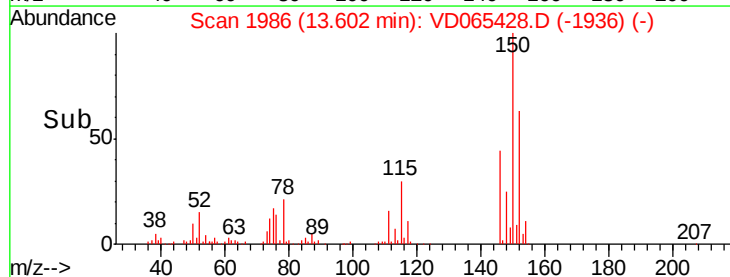
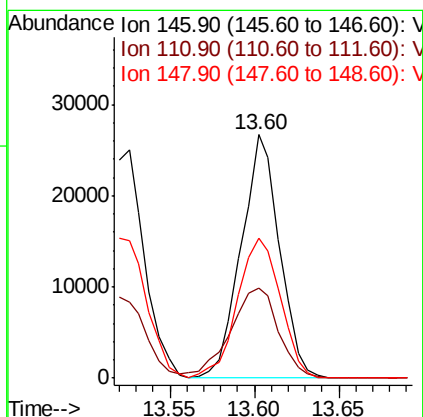
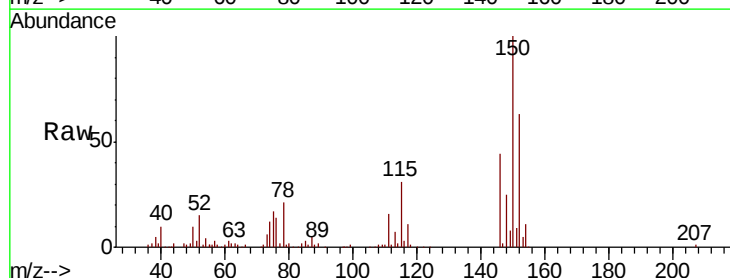
Instrument :  
 MSVOA\_D  
 ClientSampleId :

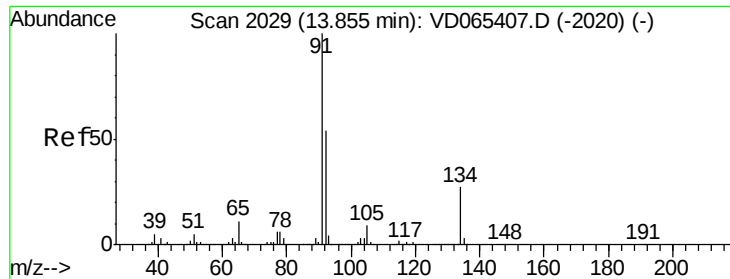
Tot Ion:146 Resp: 40374  
 Ion Ratio Lower Upper  
 146 100  
 111 37.7 19.1 57.1  
 148 65.3 32.3 96.8



#88  
 1,4-Dichlorobenzene  
 Concen: 4.419 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. -0.01 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

Tgt Ion:146 Resp: 42192  
 Ion Ratio Lower Upper  
 146 100  
 111 46.8 18.5 55.5  
 148 64.5 32.0 96.0

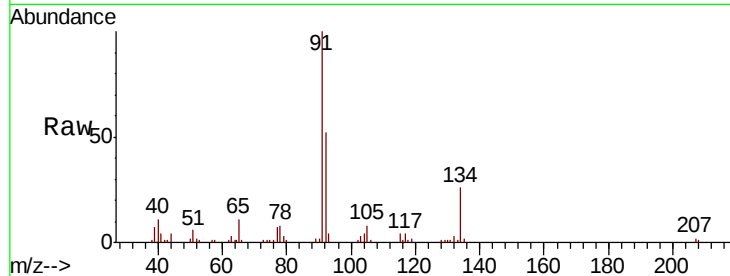




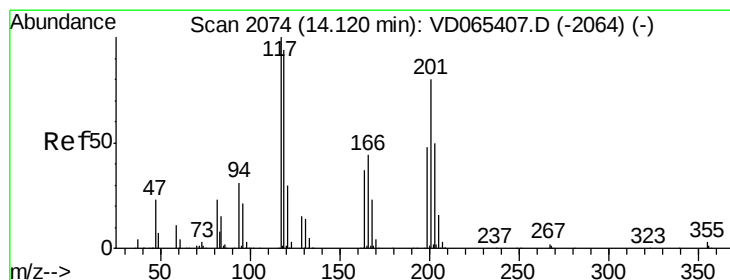
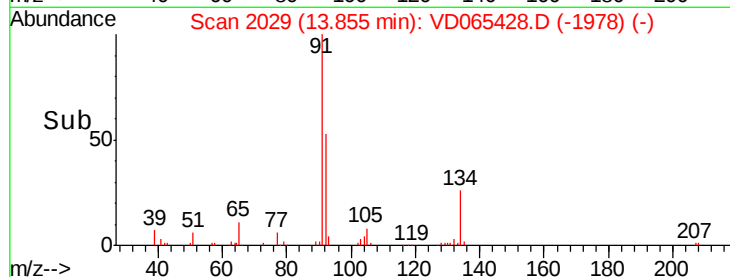
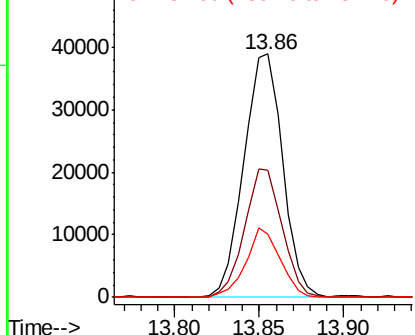
#89  
n-Butylbenzene  
Concen: 3.715 ug/l  
RT: 13.86 min Scan# 2029  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 91 Resp: 62531  
Ion Ratio Lower Upper  
91 100  
92 50.8 26.8 80.4  
134 25.2 13.4 40.2

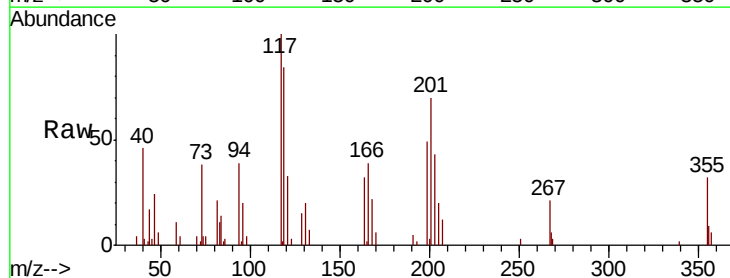


Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 92.00 (91.70 to 92.70): VDC  
Ion 134.00 (133.70 to 134.70): V

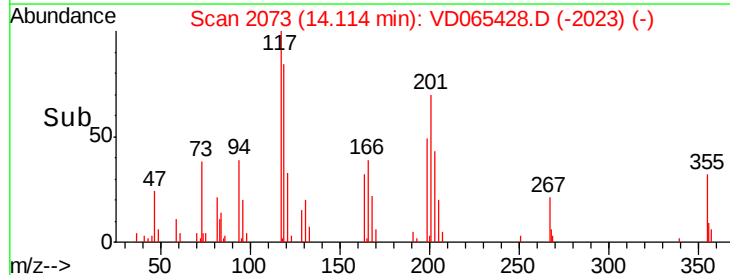
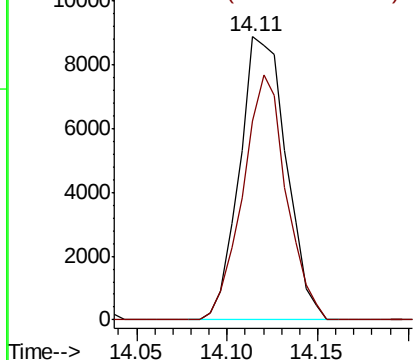


#90  
Hexachloroethane  
Concen: 4.246 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. -0.01 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion: 117 Resp: 15919  
Ion Ratio Lower Upper  
117 100  
201 80.7 41.9 125.6



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

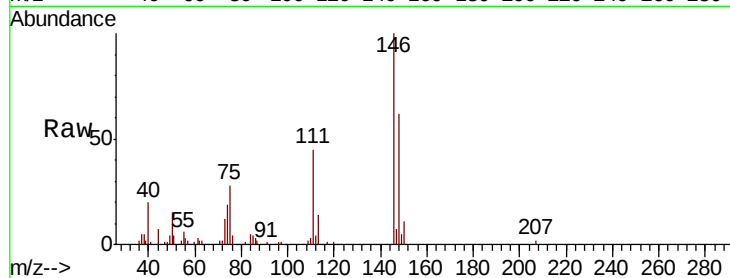




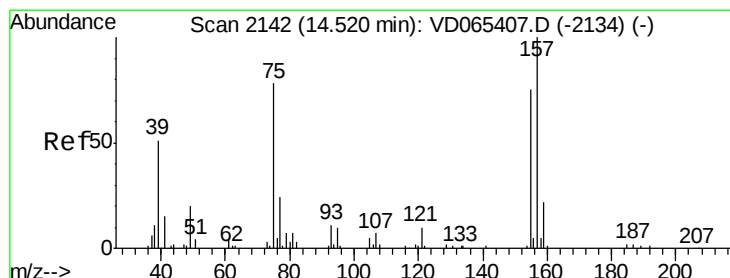
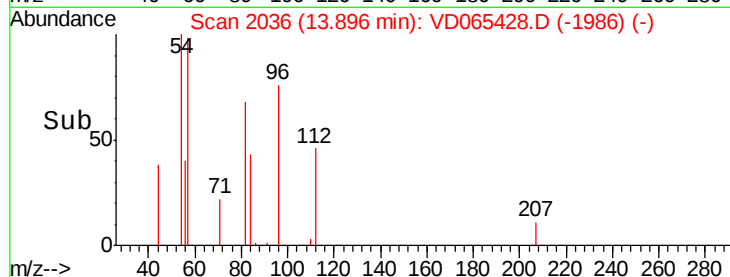
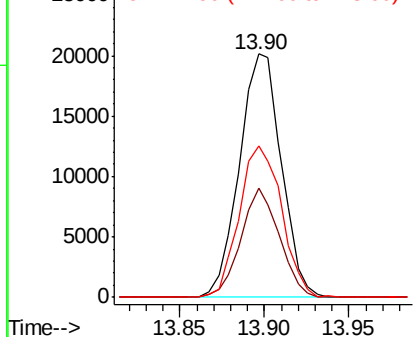
#91  
 1,2-Dichlorobenzene  
 Concen: 4.267 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. -0.01 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

Instrument :  
 MSVOA\_D  
 ClientSampleID :

Tot Ion:146 Resp: 34854  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 19.8 59.3  
 148 62.8 32.6 97.8

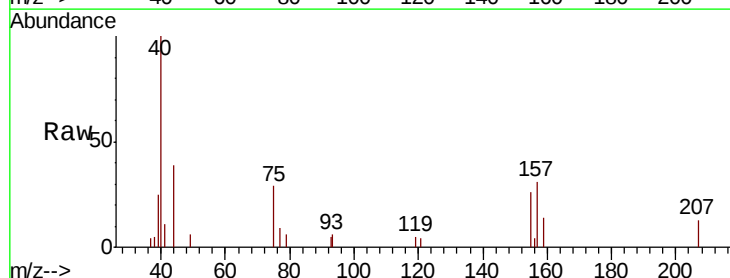


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

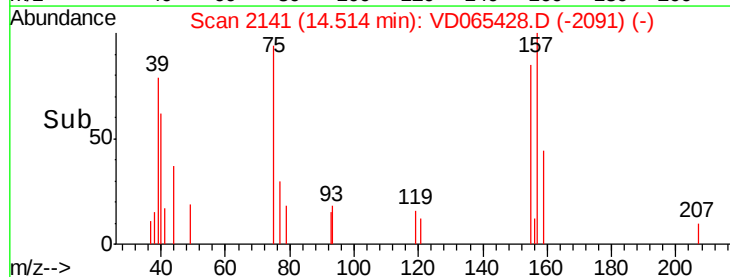
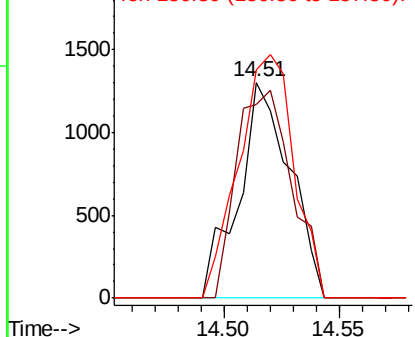


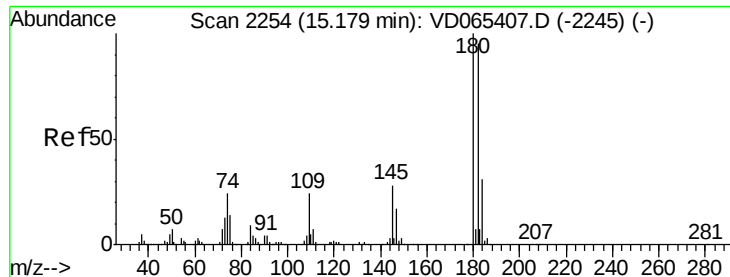
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 3.755 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. -0.01 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

Tgt Ion: 75 Resp: 2020  
 Ion Ratio Lower Upper  
 75 100  
 155 104.1 46.4 139.1  
 157 121.8 60.2 180.4



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

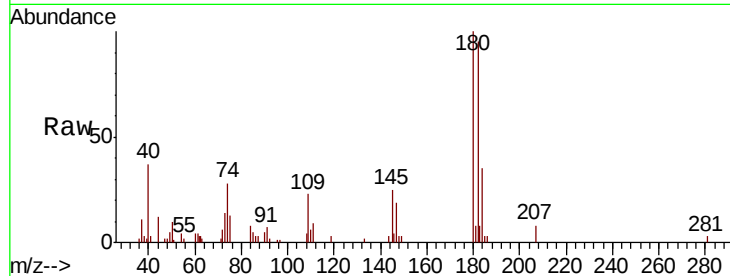




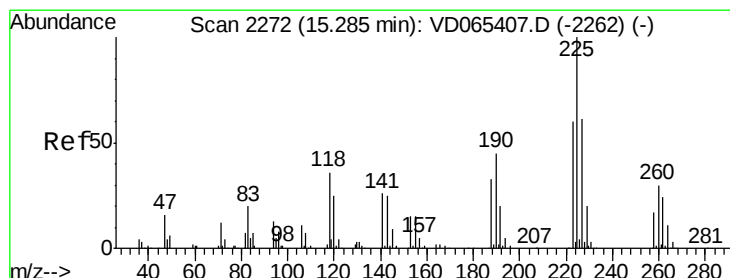
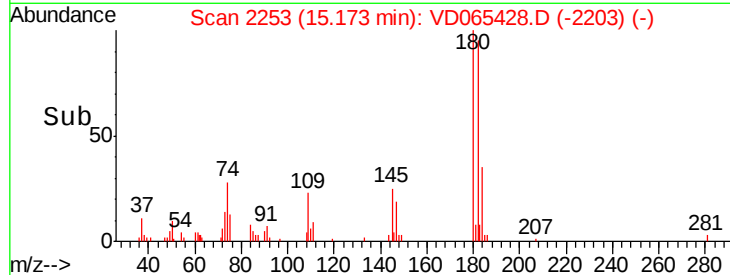
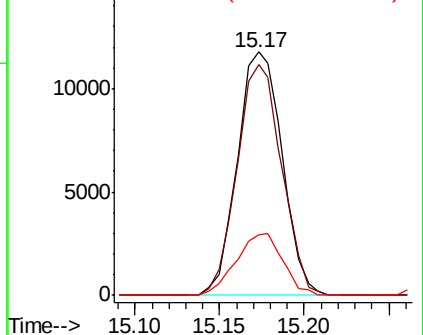
#93  
 1,2,4-Trichlorobenzene  
 Concen: 3.901 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. -0.01 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:180 Resp: 21598  
 Ion Ratio Lower Upper  
 180 100  
 182 94.6 48.3 144.9  
 145 26.5 14.4 43.4

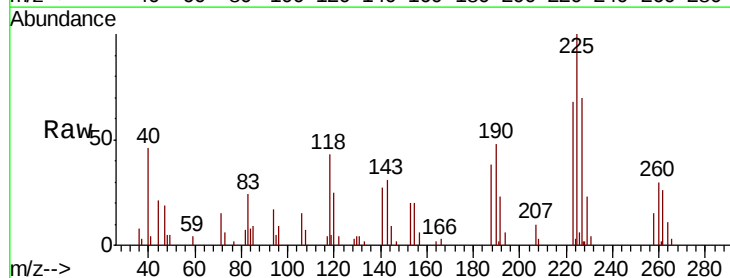


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

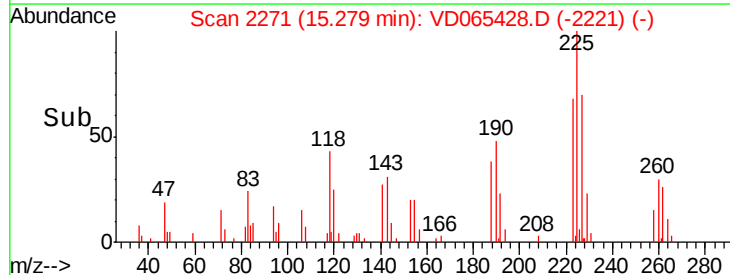
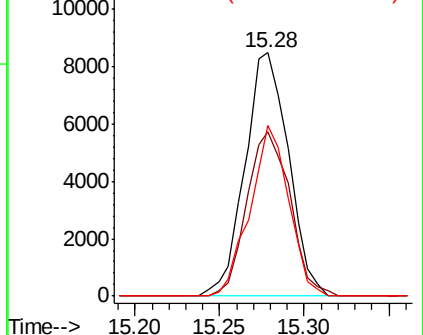


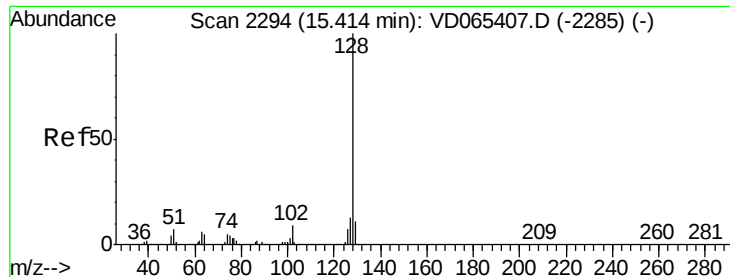
#94  
 Hexachlorobutadiene  
 Concen: 4.188 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. -0.01 min  
 Lab File: VD065428.D  
 Acq: 05 Mar 2020 13:46

Tgt Ion:225 Resp: 15236  
 Ion Ratio Lower Upper  
 225 100  
 223 67.1 30.9 92.5  
 227 62.3 31.6 94.7



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

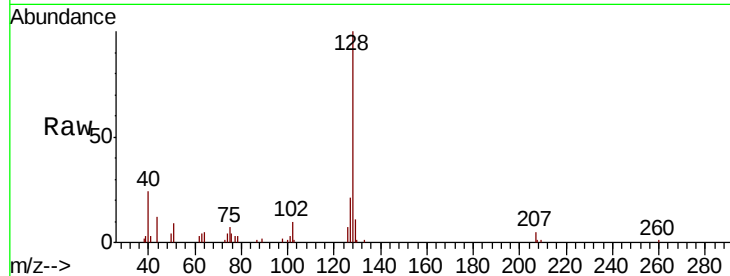




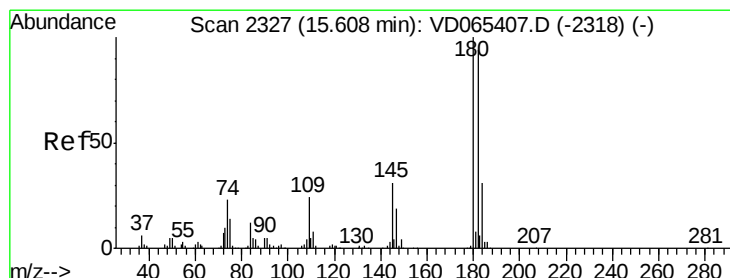
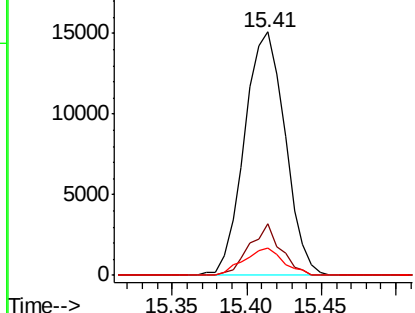
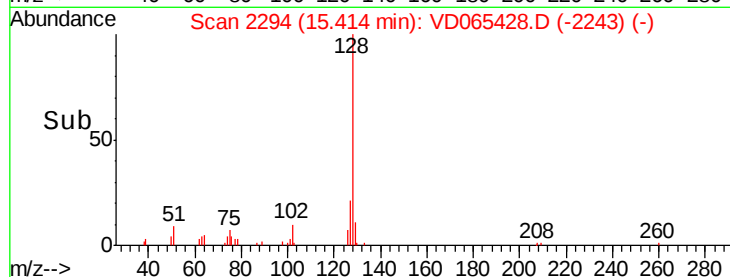
#95  
Naphthalene  
Concen: 3.213 ug/l  
RT: 15.41 min Scan# 2294  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:128 Resp: 28445  
Ion Ratio Lower Upper  
128 100  
127 16.1 10.6 16.0#  
129 10.9 8.7 13.1

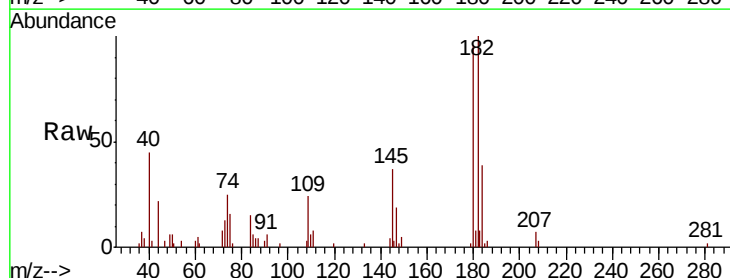


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 3.828 ug/l  
RT: 15.61 min Scan# 2327  
Delta R.T. 0.00 min  
Lab File: VD065428.D  
Acq: 05 Mar 2020 13:46

Tgt Ion:180 Resp: 18314  
Ion Ratio Lower Upper  
180 100  
182 91.0 46.9 140.6  
145 33.9 15.0 45.1



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

