

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\  
 Data File : VD062745.D  
 Acq On : 18 Jun 2019 13:15  
 Operator : VA/AP  
 Sample : VD0618SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 19 05:24:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 00:02:21 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.04  | 168  | 679960   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 906253   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 779532   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 408478   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.45  | 65   | 489036   | 49.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.68%  |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 473752   | 49.57 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.14%  |          |
| 50) Toluene-d8              | 10.40 | 98   | 1010417  | 50.25 | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 100.50% |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 463940   | 49.46 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.92%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.56 | 85   | 172695   | 20.315  | ug/l   | 96     |
| 3) Chloromethane              | 1.74 | 50   | 132831   | 19.743  | ug/l   | 97     |
| 4) Vinyl Chloride             | 1.84 | 62   | 142078   | 20.479  | ug/l   | 98     |
| 5) Bromomethane               | 2.14 | 94   | 62935    | 17.971  | ug/l   | 86     |
| 6) Chloroethane               | 2.25 | 64   | 65119    | 19.011  | ug/l # | 83     |
| 7) Trichlorofluoromethane     | 2.52 | 101  | 309715   | 19.945  | ug/l   | 96     |
| 8) Diethyl Ether              | 2.87 | 74   | 36143    | 17.113  | ug/l   | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101  | 168772   | 20.153  | ug/l   | 99     |
| 10) Methyl Iodide             | 3.29 | 142  | 191183   | 18.474  | ug/l   | 91     |
| 11) Tert butyl alcohol        | 4.08 | 59   | 38351    | 95.090  | ug/l # | 88     |
| 12) 1,1-Dichloroethene        | 3.12 | 96   | 121123   | 20.154  | ug/l   | 88     |
| 13) Acrolein                  | 3.03 | 56   | 11702    | 90.200  | ug/l # | 70     |
| 14) Allyl chloride            | 3.61 | 41   | 187453   | 20.285  | ug/l   | 84     |
| 15) Acrylonitrile             | 4.19 | 53   | 93721    | 102.260 | ug/l   | 97     |
| 16) Acetone                   | 3.22 | 43   | 181521   | 101.031 | ug/l   | 98     |
| 17) Carbon Disulfide          | 3.36 | 76   | 328568   | 18.552  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.64 | 43   | 66852    | 22.641  | ug/l # | 77     |
| 19) Methyl tert-butyl Ether   | 4.23 | 73   | 287559   | 19.618  | ug/l   | 94     |
| 20) Methylene Chloride        | 3.81 | 84   | 156688   | 22.842  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96   | 123322   | 18.707  | ug/l   | 97     |
| 22) Diisopropyl ether         | 5.12 | 45   | 390763   | 20.365  | ug/l   | 92     |
| 23) Vinyl Acetate             | 5.05 | 43   | 1175926  | 98.787  | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 4.97 | 63   | 243117   | 19.696  | ug/l   | 99     |
| 25) 2-Butanone                | 6.07 | 43   | 169788   | 96.865  | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.01 | 77   | 288832   | 20.303  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.02 | 96   | 149960   | 20.983  | ug/l   | 94     |
| 28) Bromochloromethane        | 6.43 | 49   | 77636    | 16.453  | ug/l   | 95     |
| 29) Tetrahydrofuran           | 6.45 | 42   | 75030    | 95.053  | ug/l   | 98     |
| 30) Chloroform                | 6.66 | 83   | 308250   | 19.464  | ug/l   | 97     |
| 31) Cyclohexane               | 6.95 | 56   | 151889   | 19.616  | ug/l   | 92     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97   | 318074   | 20.184  | ug/l   | 93     |
| 36) 1,1-Dichloropropene       | 7.14 | 75   | 197018   | 18.995  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.18 | 43   | 86651    | 20.324  | ug/l # | 88     |
| 38) Carbon Tetrachloride      | 7.10 | 117  | 323649   | 19.742  | ug/l   | 100    |

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 Sample : VD0618SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 19 05:24:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 00:02:21 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.86  | 83   | 163362   | 19.491  | ug/l   | 88       |
| 40) Benzene                    | 7.45  | 78   | 419812   | 20.726  | ug/l   | 100      |
| 41) Methacrylonitrile          | 6.45  | 41   | 103605   | 19.082  | ug/l # | 85       |
| 42) 1,2-Dichloroethane         | 7.58  | 62   | 241413   | 19.996  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 9.24  | 43   | 110444   | 20.181  | ug/l # | 96       |
| 44) Trichloroethene            | 8.53  | 130  | 159778   | 19.430  | ug/l   | 89       |
| 45) 1,2-Dichloropropane        | 8.94  | 63   | 103151   | 21.201  | ug/l   | 99       |
| 46) Dibromomethane             | 9.06  | 93   | 85025    | 19.688  | ug/l   | 89       |
| 47) Bromodichloromethane       | 9.37  | 83   | 229204   | 19.510  | ug/l   | 93       |
| 48) Methyl methacrylate        | 9.12  | 41   | 79729    | 20.165  | ug/l # | 89       |
| 49) 1,4-Dioxane                | 9.08  | 88   | 10965    | 342.740 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.30 | 43   | 400658   | 104.627 | ug/l   | 100      |
| 52) Toluene                    | 10.51 | 92   | 274064   | 20.129  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 202512   | 21.025  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.04 | 75   | 200288   | 20.119  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 11.19 | 97   | 97231    | 20.823  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 11.04 | 69   | 105588   | 21.229  | ug/l   | 91       |
| 57) 1,3-Dichloropropane        | 11.41 | 76   | 139066   | 19.216  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 281188   | 112.672 | ug/l   | 95       |
| 59) 2-Hexanone                 | 11.53 | 43   | 291585   | 102.363 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.68 | 129  | 178763   | 19.394  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 118008   | 21.117  | ug/l   | 93       |
| 64) Tetrachloroethene          | 11.26 | 164  | 144222   | 19.764  | ug/l   | 94       |
| 65) Chlorobenzene              | 12.40 | 112  | 340447   | 19.744  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 165391   | 20.111  | ug/l   | 87       |
| 67) Ethyl Benzene              | 12.52 | 91   | 644075   | 21.068  | ug/l   | 100      |
| 68) m/p-Xylenes                | 12.67 | 106  | 445998   | 41.497  | ug/l   | 95       |
| 69) o-Xylene                   | 13.05 | 106  | 208440   | 21.117  | ug/l   | 100      |
| 70) Styrene                    | 13.07 | 104  | 357681   | 20.309  | ug/l   | 96       |
| 71) Bromoform                  | 13.24 | 173  | 115555   | 20.111  | ug/l   | 98       |
| 73) Isopropylbenzene           | 13.40 | 105  | 647085   | 22.475  | ug/l   | 96       |
| 74) N-amyl acetate             | 13.27 | 43   | 157432   | 20.233  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 105128   | 21.339  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 121900   | 22.009  | ug/l   | 97       |
| 77) Bromobenzene               | 13.67 | 156  | 179992   | 21.872  | ug/l   | 93       |
| 78) n-propylbenzene            | 13.77 | 91   | 743681   | 21.102  | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 450695   | 21.841  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 556565   | 21.873  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 31021    | 21.310  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 536846   | 21.755  | ug/l   | 95       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 648197   | 23.096  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 529604   | 21.021  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 636912   | 21.642  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 645376   | 22.524  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 327782   | 21.987  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 292164   | 20.737  | ug/l   | 98       |
| 89) n-Butylbenzene             | 14.80 | 91   | 555884   | 21.565  | ug/l   | 97       |
| 90) Hexachloroethane           | 15.01 | 117  | 161793   | 21.389  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 271550   | 21.913  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 19308    | 18.348  | ug/l # | 18       |

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Data File : VD062745.D  
Acq On : 18 Jun 2019 13:15  
Operator : VA/AP  
Sample : VD0618SBSD01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

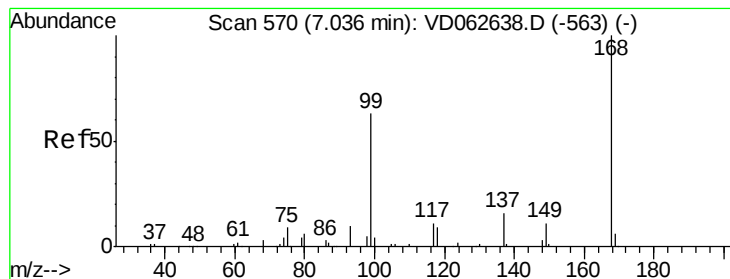
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Jun 19 05:24:02 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060719S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 08 00:02:21 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 195408   | 20.830 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 153298   | 20.952 | ug/l  | 91       |
| 95) Naphthalene            | 16.12 | 128  | 294633   | 21.957 | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 161113   | 22.572 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

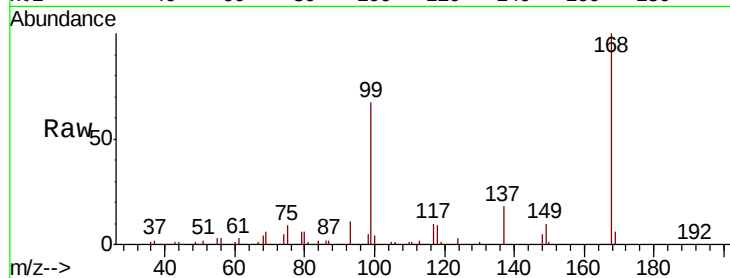
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:168 Resp: 679960

Ion Ratio Lower Upper

168 100

99 67.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

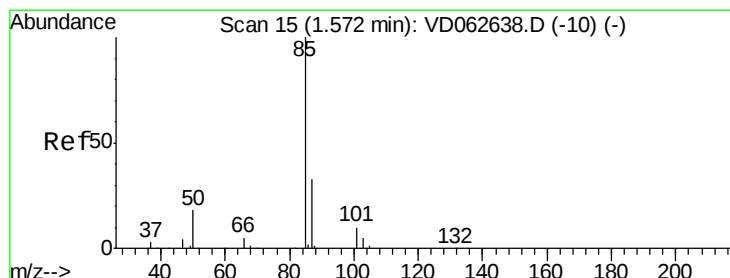
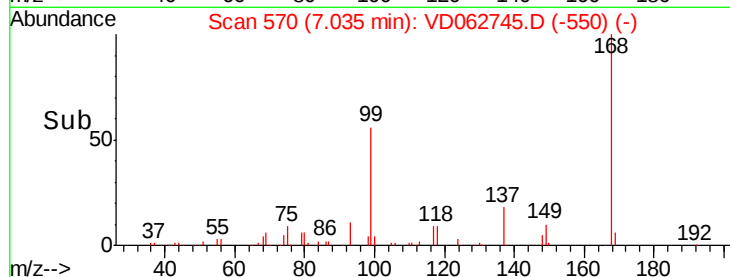
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 20.315 ug/l

RT: 1.56 min Scan# 14

Delta R.T. -0.01 min

Lab File: VD062745.D

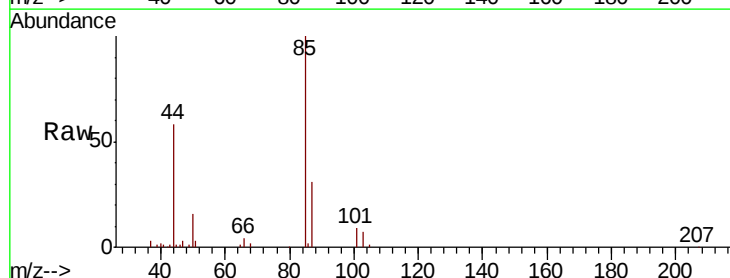
Acq: 18 Jun 2019 13:15

Tgt Ion: 85 Resp: 172695

Ion Ratio Lower Upper

85 100

87 30.9 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.56

80000

60000

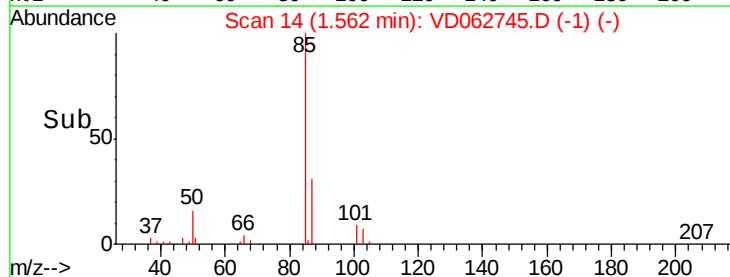
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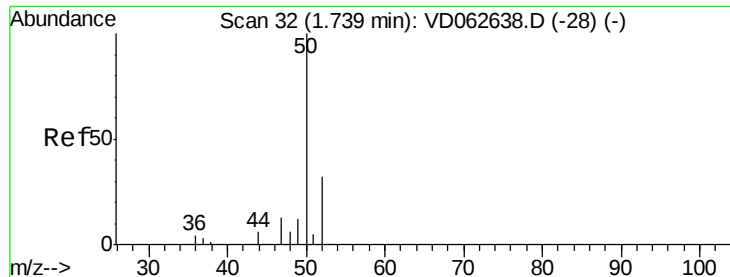
20000

0

1.50 1.60 1.70

Time-->





#3

Chloromethane

Concen: 19.743 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

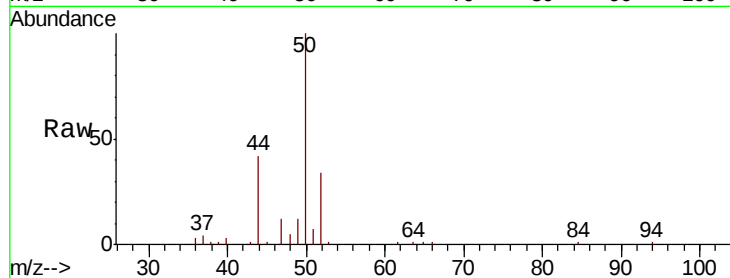
ClientSampleId :

Tot Ion: 50 Resp: 132831

Ion Ratio Lower Upper

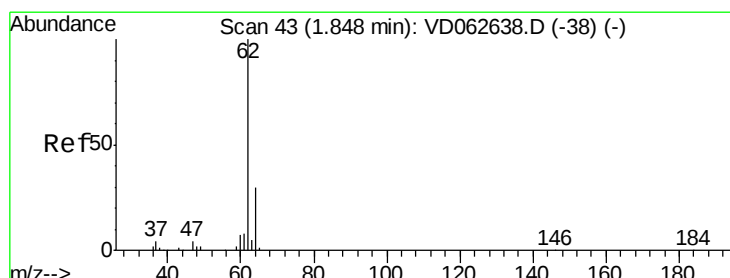
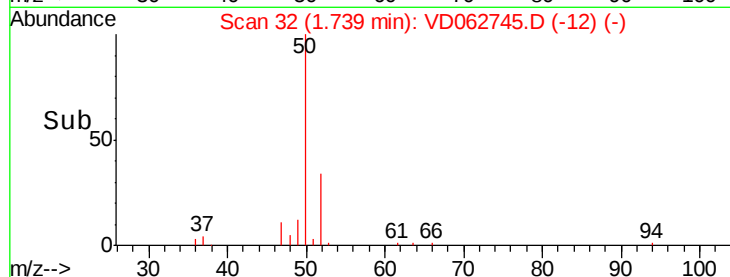
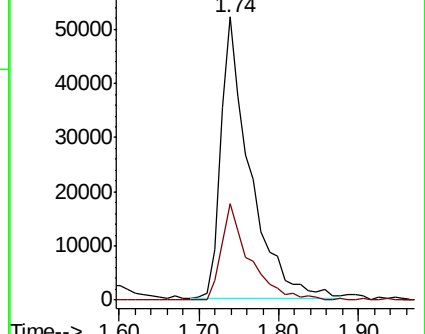
50 100

52 34.2 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: 20.479 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.01 min

Lab File: VD062745.D

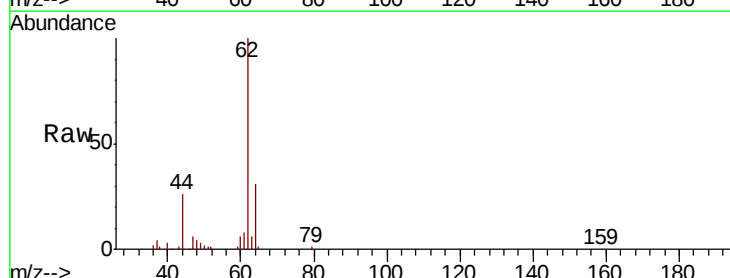
Acq: 18 Jun 2019 13:15

Tgt Ion: 62 Resp: 142078

Ion Ratio Lower Upper

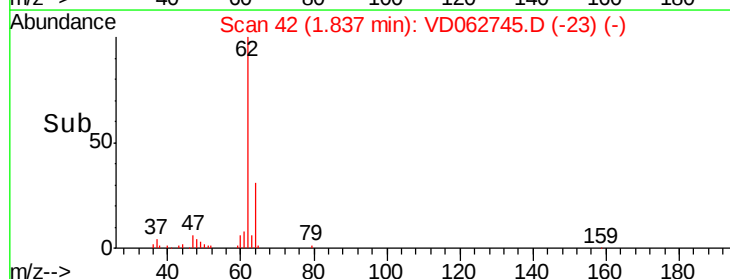
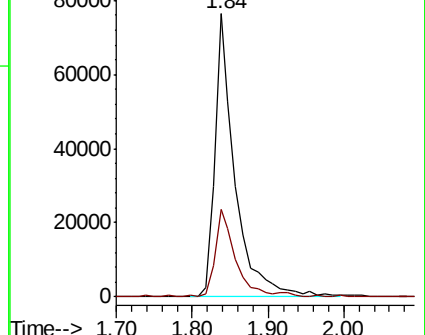
62 100

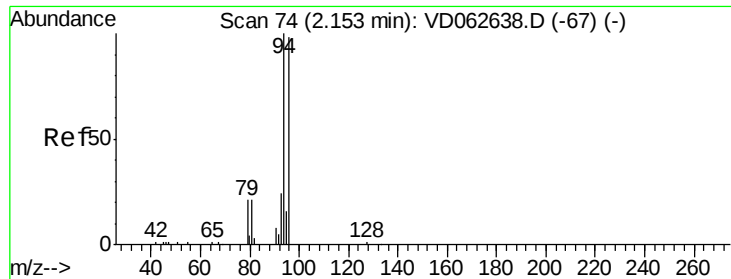
64 31.1 24.2 36.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 17.971 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

ClientSampleId :

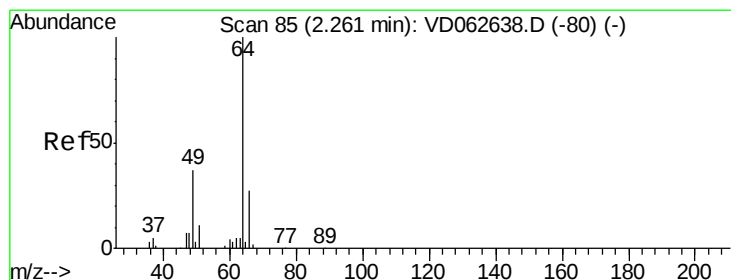
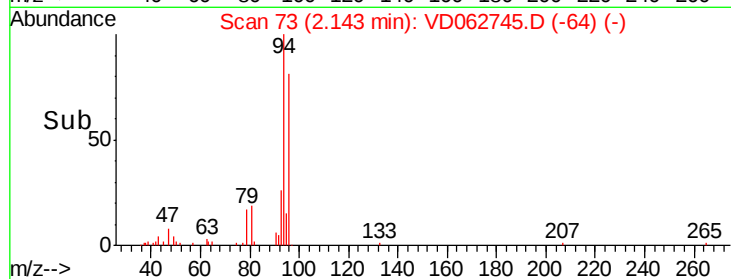
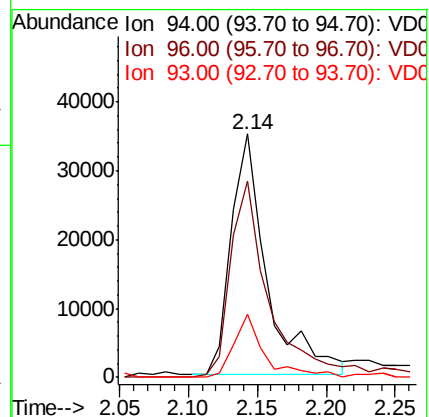
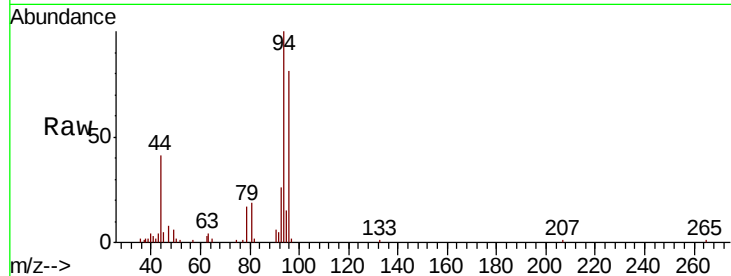
Tot Ion: 94 Resp: 62935

Ion Ratio Lower Upper

94 100

96 80.7 78.1 117.1

93 26.0 19.6 29.4



#6

Chloroethane

Concen: 19.011 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD062745.D

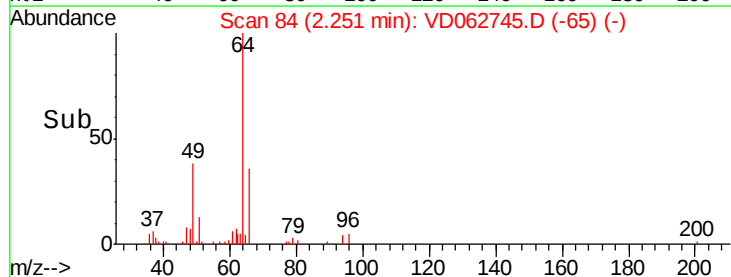
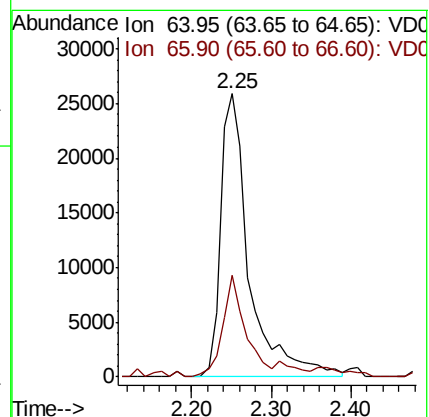
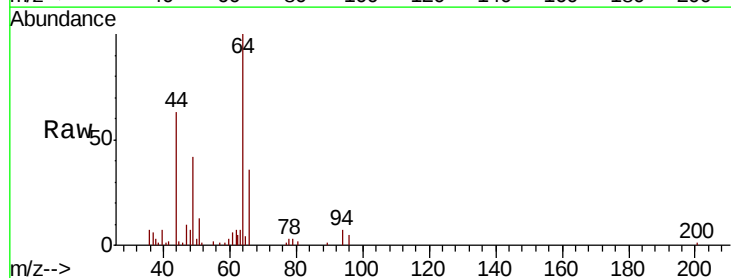
Acq: 18 Jun 2019 13:15

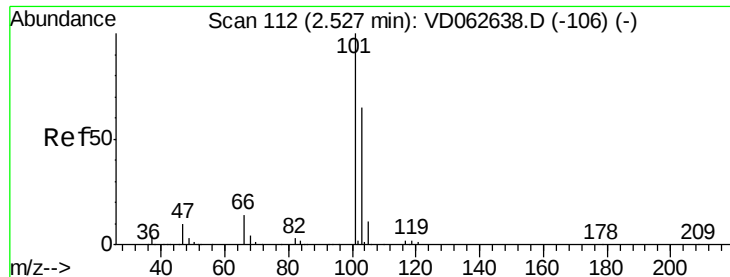
Tgt Ion: 64 Resp: 65119

Ion Ratio Lower Upper

64 100

66 36.1 21.9 32.9#



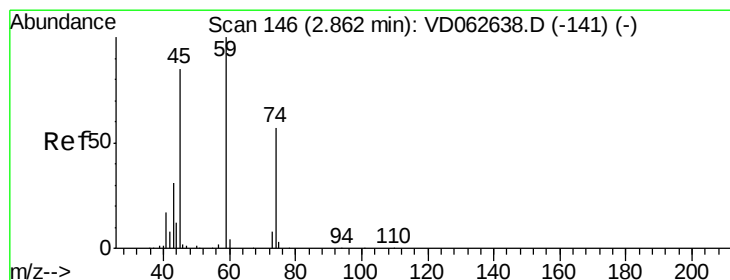
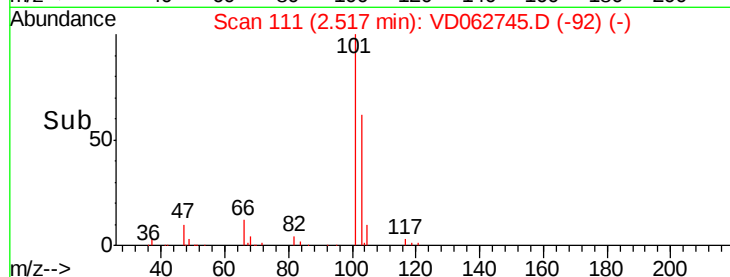
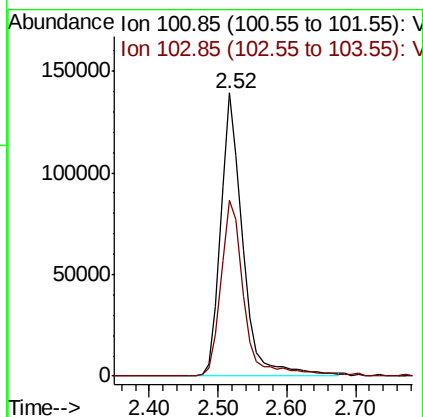
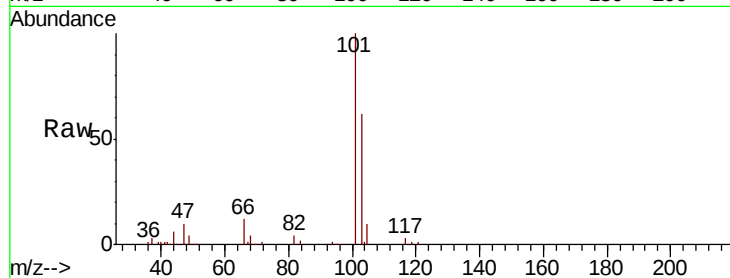


#7

Trichlorofluoromethane  
Concen: 19.945 ug/l  
RT: 2.52 min Scan# 111  
Delta R.T. -0.01 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Instrument :  
MSVOA\_D  
ClientSampleId :

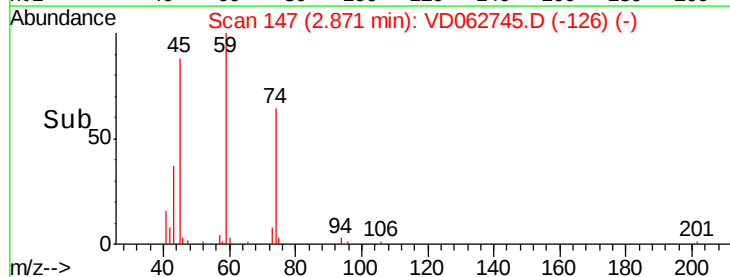
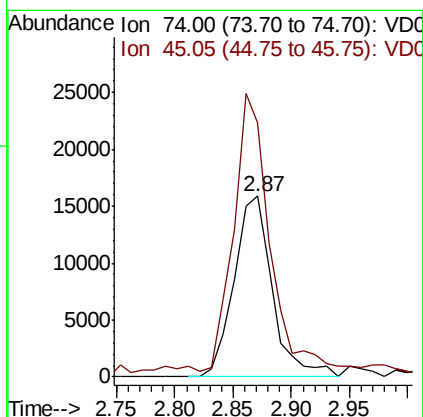
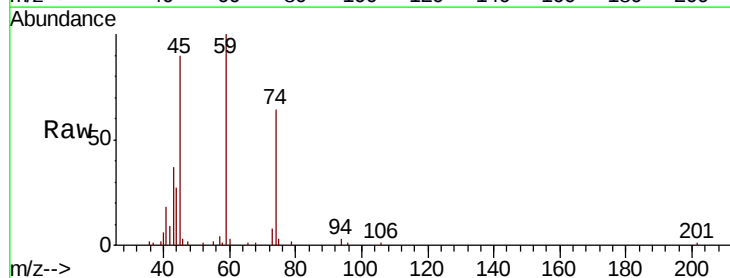
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.2  | 52.2  | 78.2  |

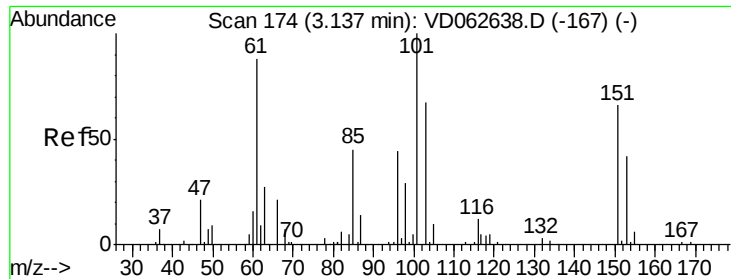


#8

Diethyl Ether  
Concen: 17.113 ug/l  
RT: 2.87 min Scan# 147  
Delta R.T. 0.01 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 140.9 | 74.9  | 224.7 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.153 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

ClientSampleId :

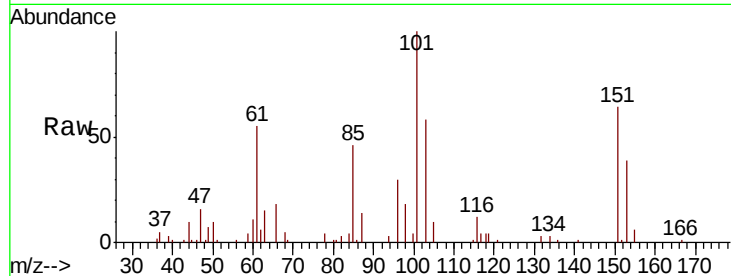
Tot Ion:101 Resp: 168772

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

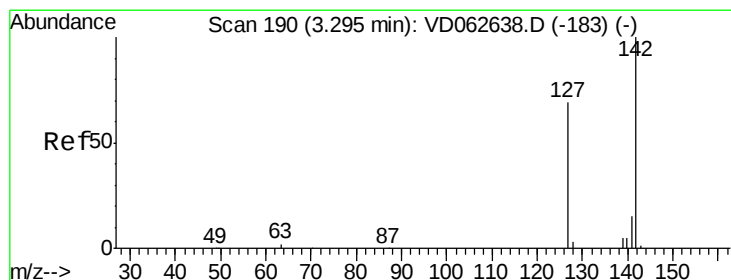
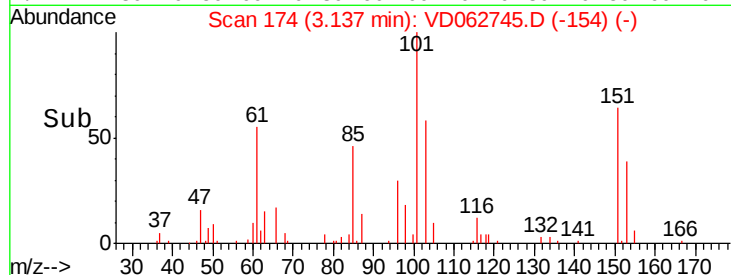
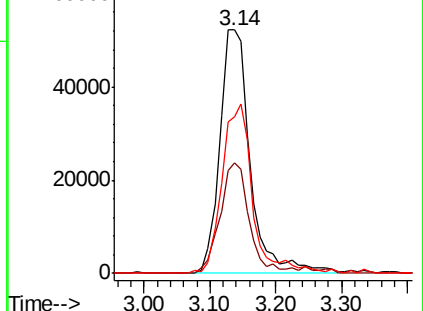
151 64.2 52.6 79.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 18.474 ug/l

RT: 3.29 min Scan# 190

Delta R.T. 0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

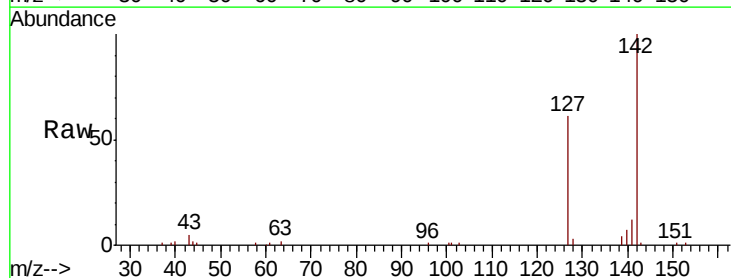
Tgt Ion:142 Resp: 191183

Ion Ratio Lower Upper

142 100

127 60.8 55.2 82.8

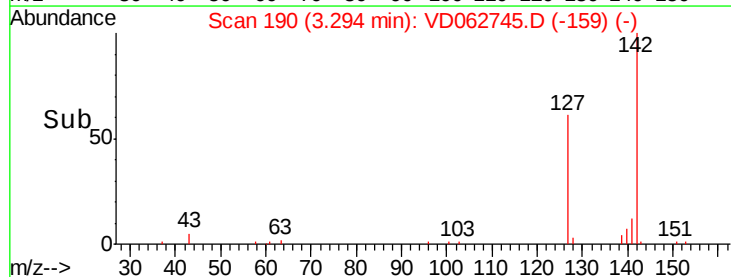
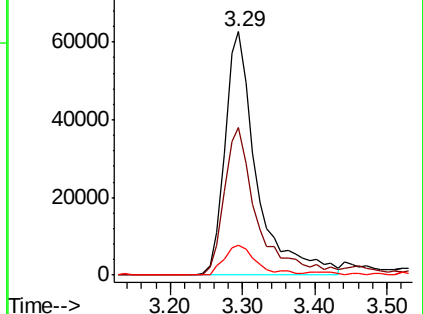
141 12.3 12.1 18.1

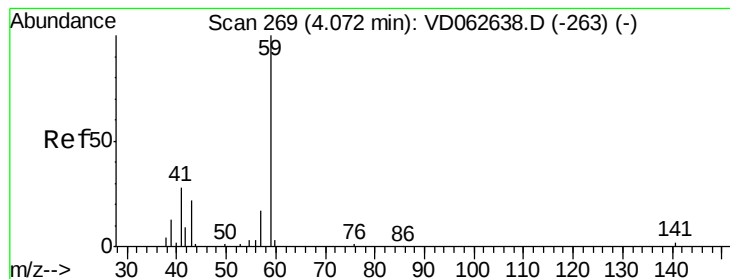


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



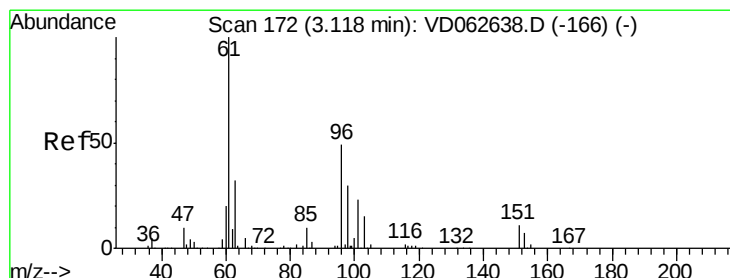
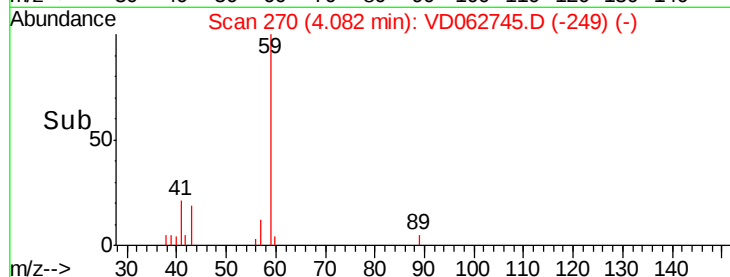
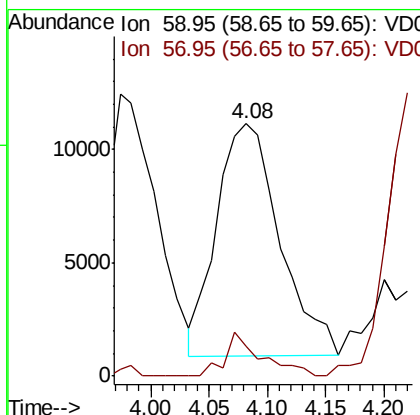
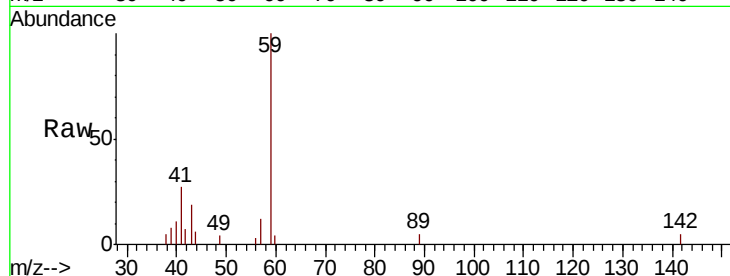


#11

Tert butyl alcohol  
 Concen: 95.090 ug/l  
 RT: 4.08 min Scan# 270  
 Delta R.T. 0.01 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

Instrument :  
 MSVOA\_D  
 ClientSampled :

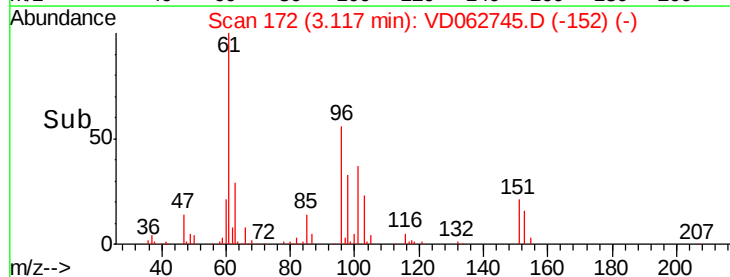
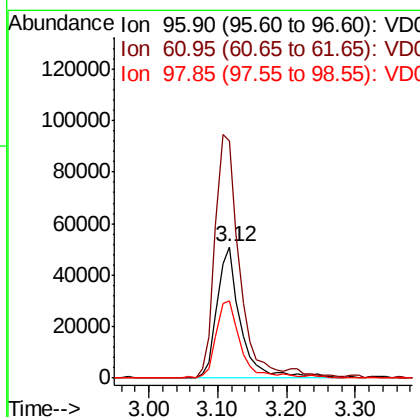
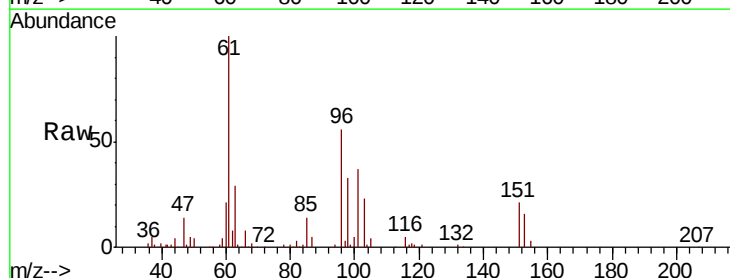
Tot Ion: 59 Resp: 38351  
 Ion Ratio Lower Upper  
 59 100  
 57 12.0 13.7 20.5#

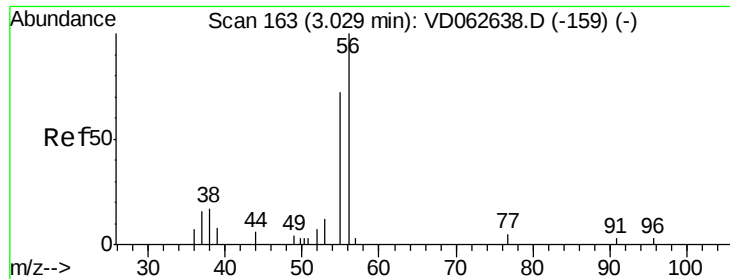


#12

1,1-Dichloroethene  
 Concen: 20.154 ug/l  
 RT: 3.12 min Scan# 172  
 Delta R.T. -0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

Tgt Ion: 96 Resp: 121123  
 Ion Ratio Lower Upper  
 96 100  
 61 180.0 161.8 242.8  
 98 58.7 48.2 72.4





#13

Acrolein

Concen: 90.200 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

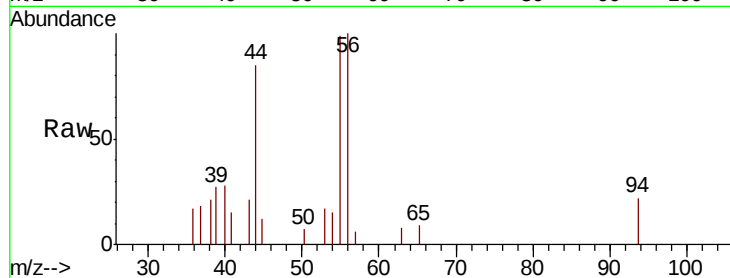
ClientSampleId :

Tot Ion: 56 Resp: 11702

Ion Ratio Lower Upper

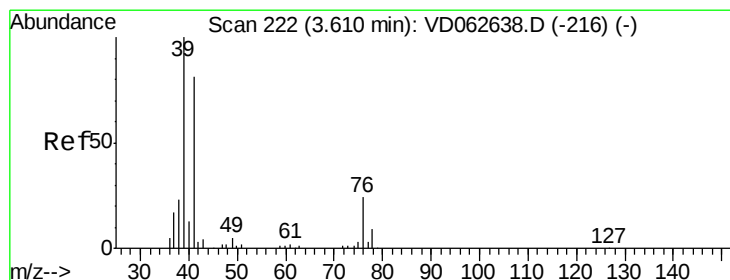
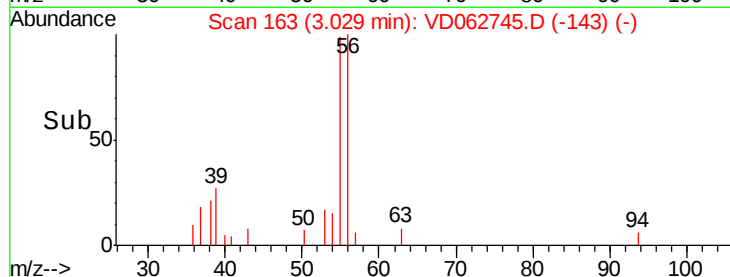
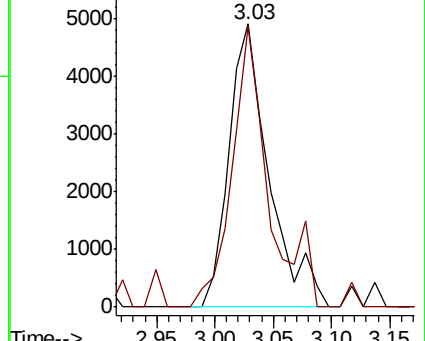
56 100

55 99.3 59.4 89.0#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.285 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

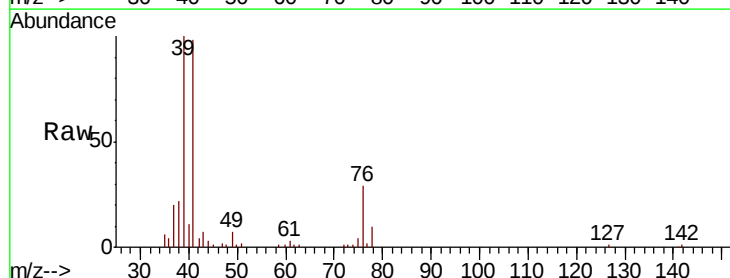
Tgt Ion: 41 Resp: 187453

Ion Ratio Lower Upper

41 100

39 102.2 99.1 148.7

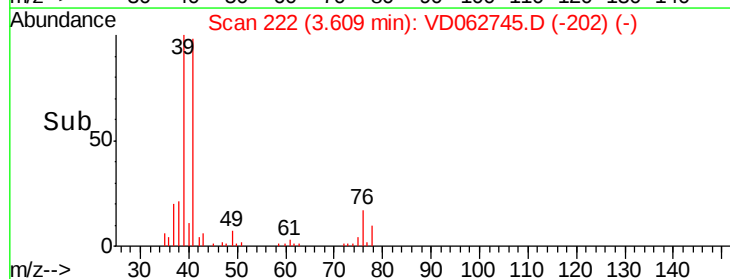
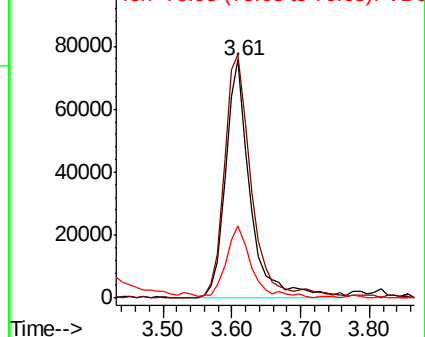
76 30.1 25.0 37.6

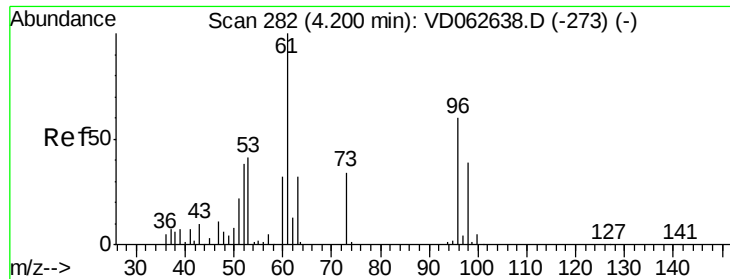


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

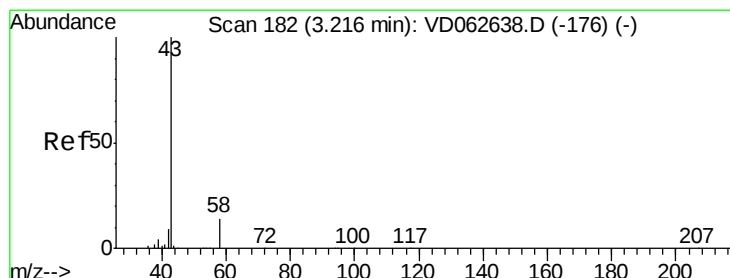
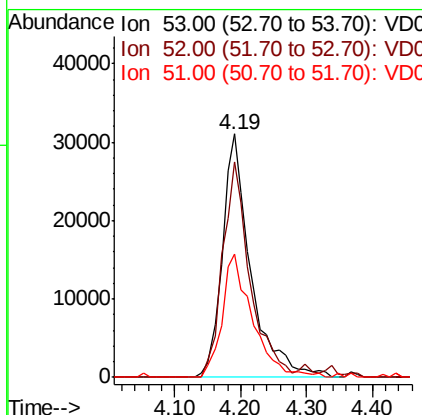
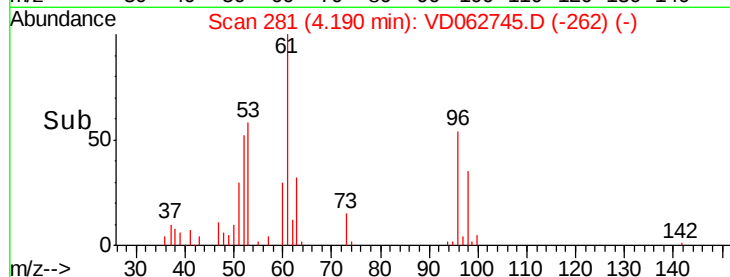
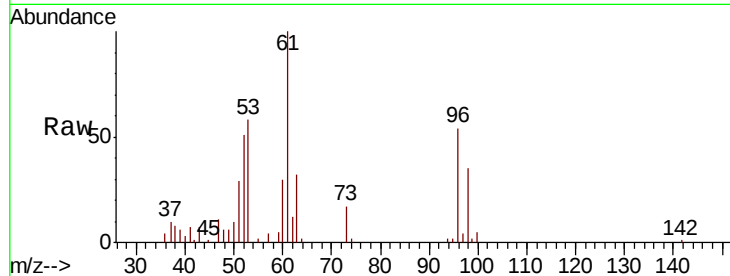




#15  
 Acrylonitrile  
 Concen: 102.260 ug/l  
 RT: 4.19 min Scan# 281  
 Delta R.T. -0.01 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

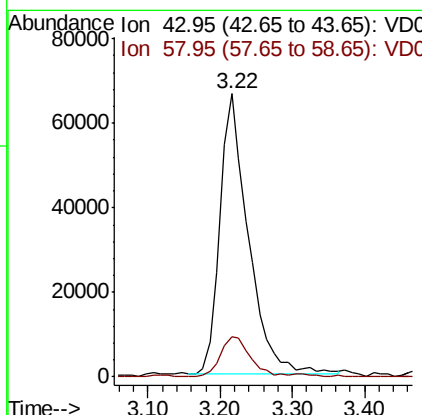
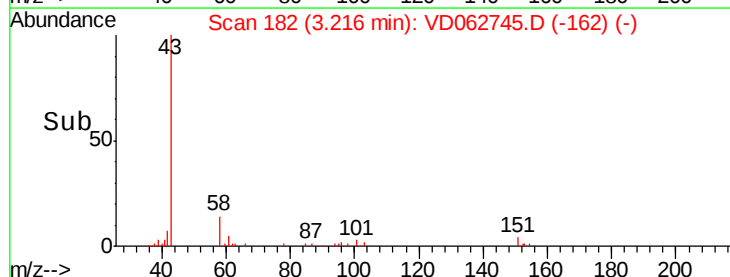
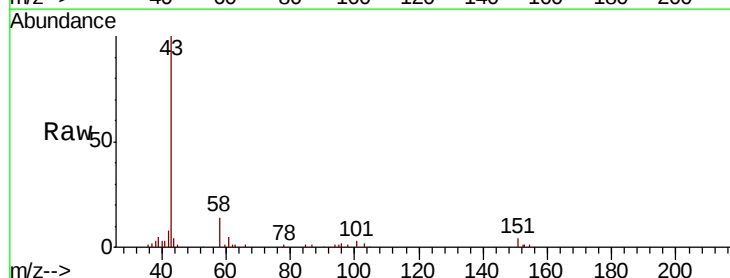
Instrument :  
 MSVOA\_D  
 ClientSampled :

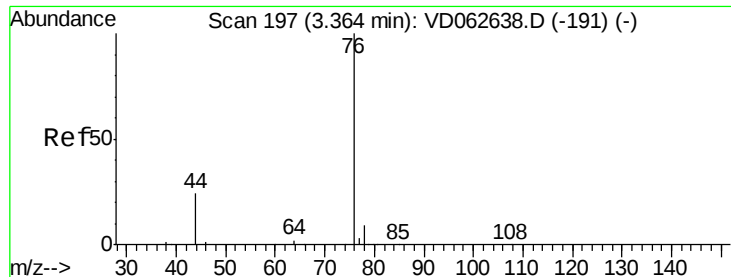
Tot Ion: 53 Resp: 93721  
 Ion Ratio Lower Upper  
 53 100  
 52 88.5 73.6 110.4  
 51 50.8 42.0 63.0



#16  
 Acetone  
 Concen: 101.031 ug/l  
 RT: 3.22 min Scan# 182  
 Delta R.T. -0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

Tgt Ion: 43 Resp: 181521  
 Ion Ratio Lower Upper  
 43 100  
 58 14.2 10.8 16.2

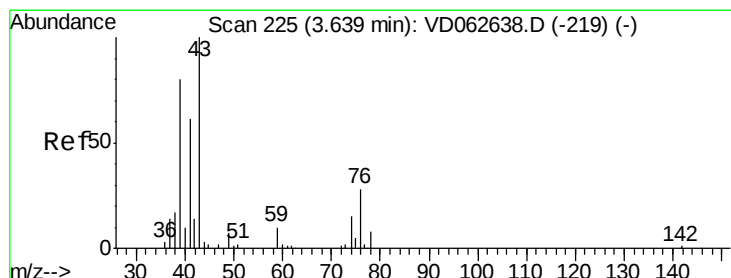
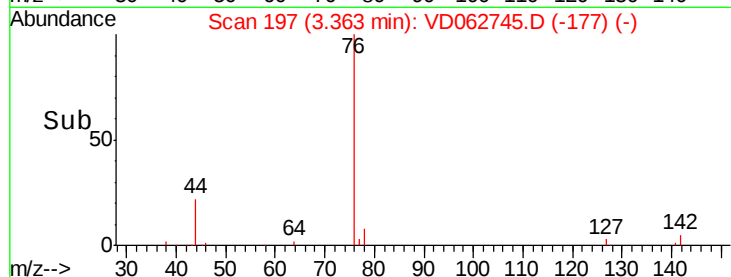
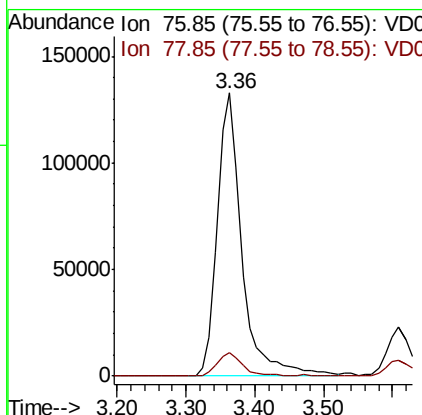
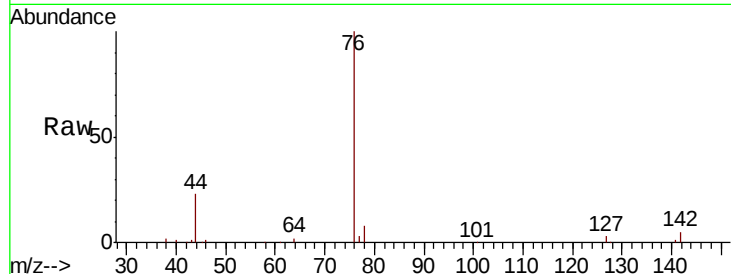




#17  
Carbon Disulfide  
Concen: 18.552 ug/l  
RT: 3.36 min Scan# 197  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

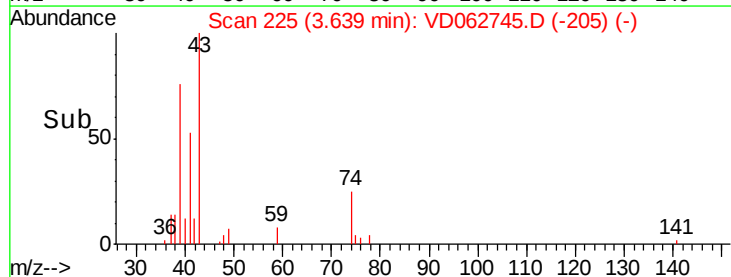
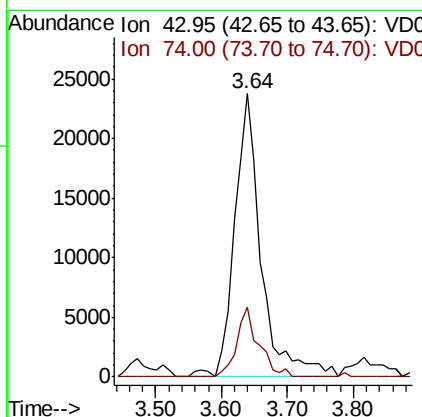
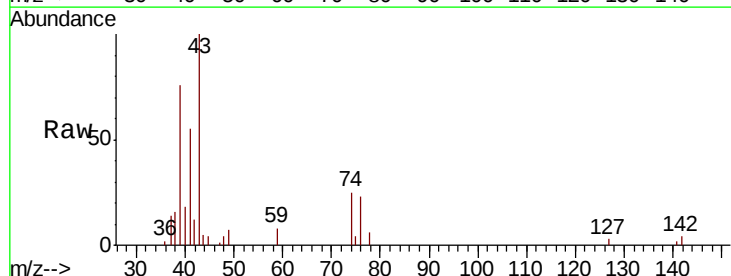
Instrument :  
MSVOA\_D  
ClientSampled :

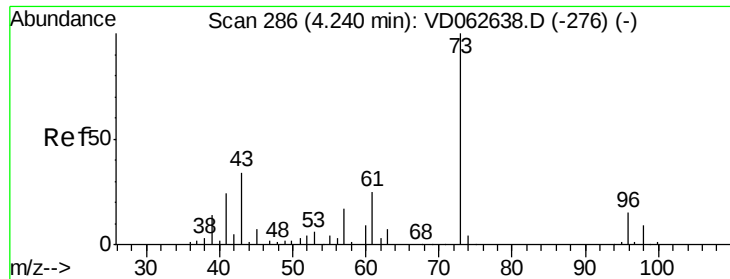
Tot Ion: 76 Resp: 328568  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.0 10.4



#18  
Methyl Acetate  
Concen: 22.641 ug/l  
RT: 3.64 min Scan# 225  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Tgt Ion: 43 Resp: 66852  
Ion Ratio Lower Upper  
43 100  
74 24.8 12.1 18.1#

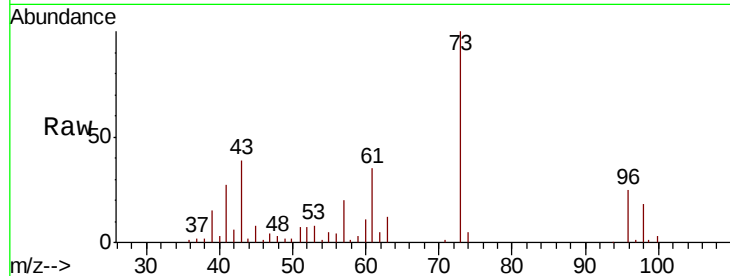




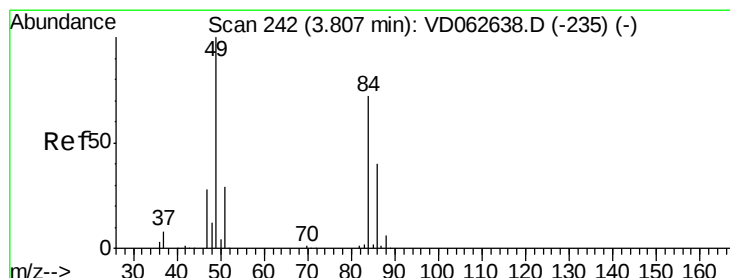
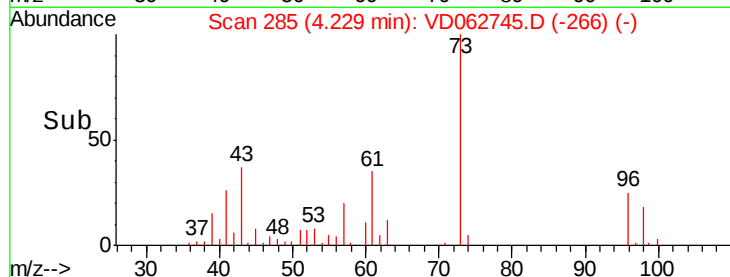
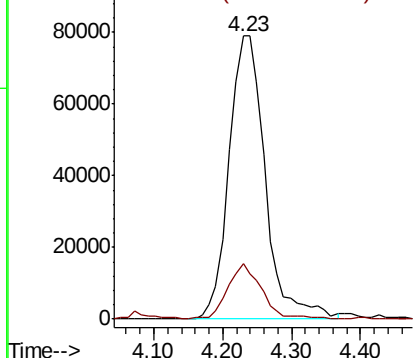
#19  
Methvl tert-butvl Ether  
Concen: 19.618 ug/l  
RT: 4.23 min Scan# 285  
Delta R.T. -0.01 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 73 Resp: 287559  
Ion Ratio Lower Upper  
73 100  
57 19.5 13.5 20.3

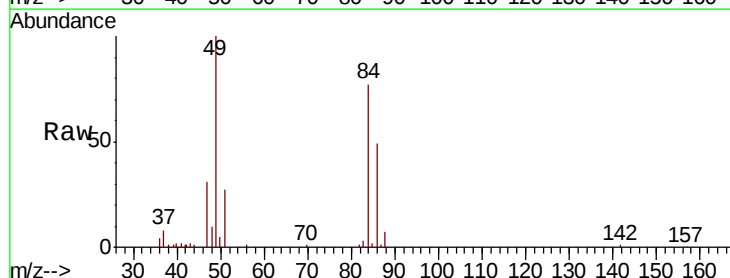


Abundance Ion 73.00 (72.70 to 73.70): VDC  
Ion 57.05 (56.75 to 57.75): VDC

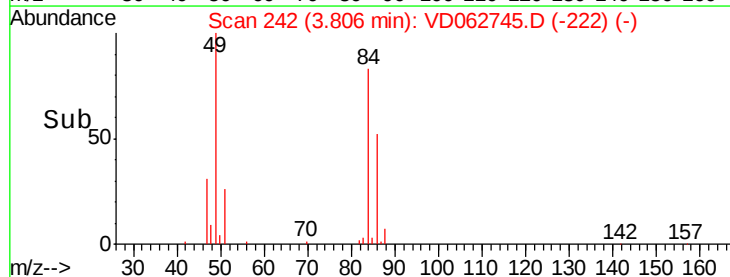
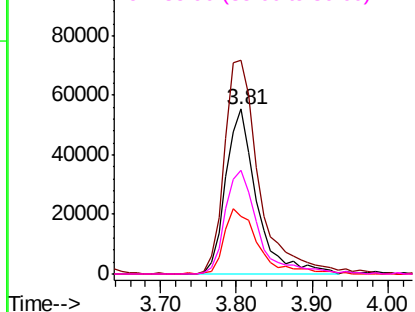


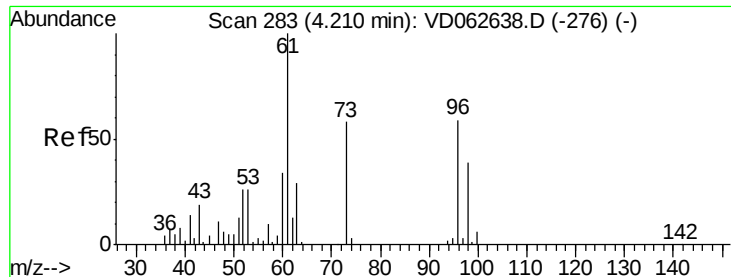
#20  
Methylene Chloride  
Concen: 22.842 ug/l  
RT: 3.81 min Scan# 242  
Delta R.T. 0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Tgt Ion: 84 Resp: 156688  
Ion Ratio Lower Upper  
84 100  
49 129.8 111.2 166.8  
51 34.9 31.9 47.9  
86 63.1 44.7 67.1



Abundance Ion 83.95 (83.65 to 84.65): VDC  
Ion 48.90 (48.60 to 49.60): VDC  
Ion 50.90 (50.60 to 51.60): VDC  
Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 18.707 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

ClientSampleId :

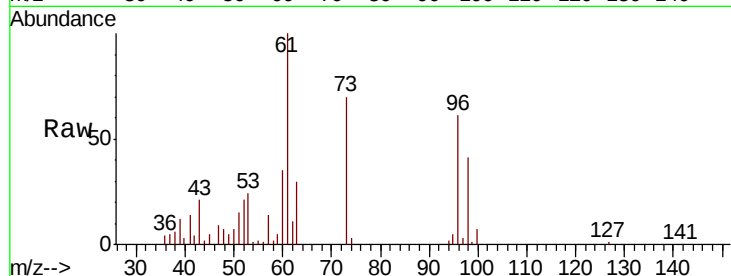
Tot Ion: 96 Resp: 123322

Ion Ratio Lower Upper

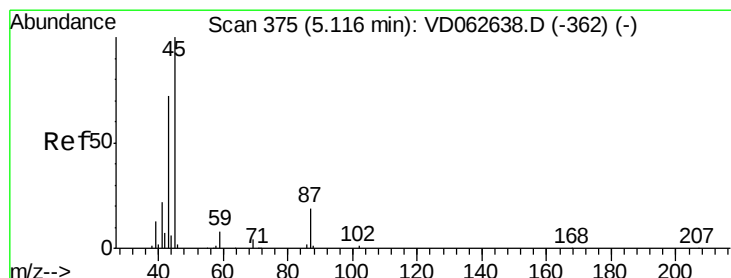
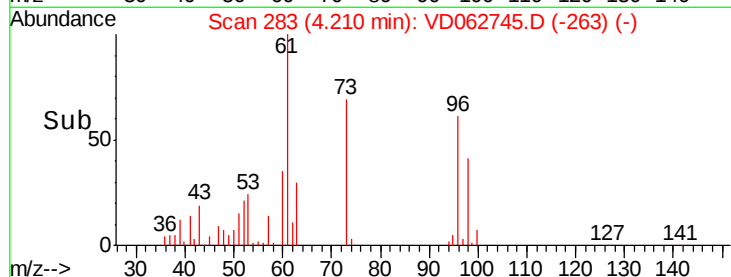
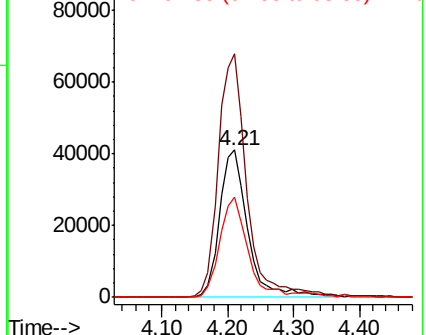
96 100

61 165.1 134.6 201.8

98 68.3 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 20.365 ug/l

RT: 5.12 min Scan# 375

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Tgt Ion: 45 Resp: 390763

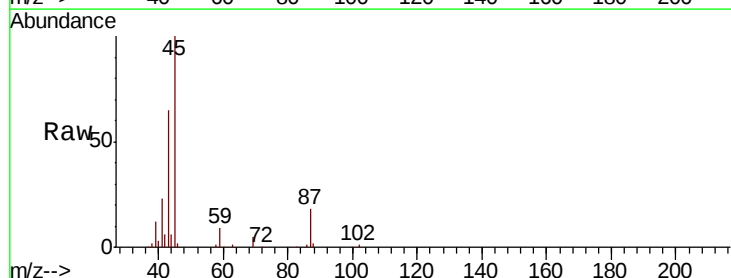
Ion Ratio Lower Upper

45 100

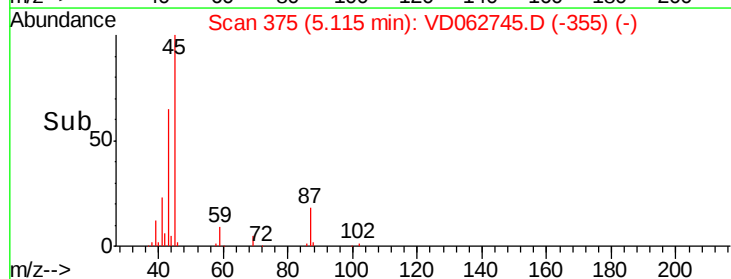
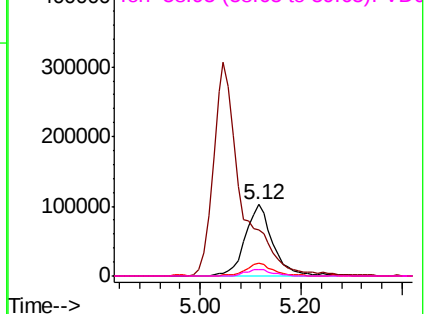
43 65.2 58.8 88.2

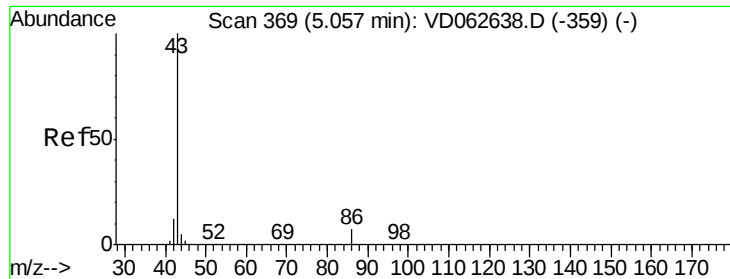
87 18.3 15.7 23.5

59 8.6 6.6 9.8



Abundance Ion 45.05 (44.75 to 45.75): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 87.00 (86.70 to 87.70): VDC  
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 98.787 ug/l

RT: 5.05 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

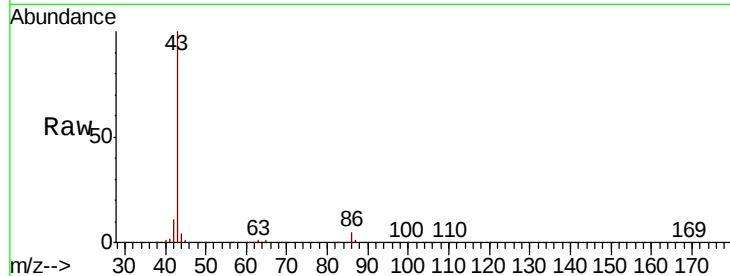
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 1175926

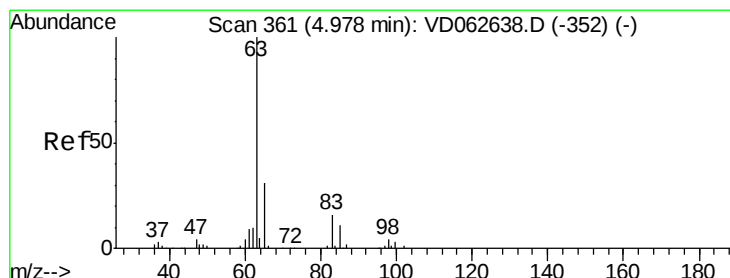
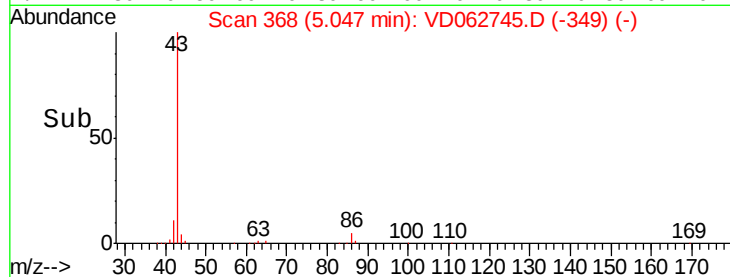
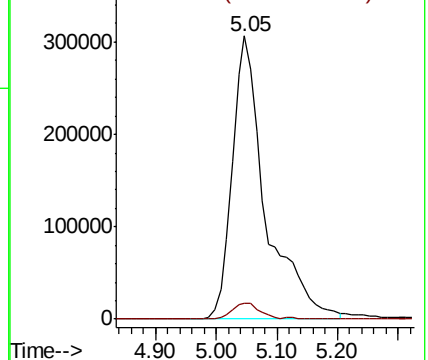
Ion Ratio Lower Upper

43 100

86 5.4 5.3 7.9



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.696 ug/l

RT: 4.97 min Scan# 360

Delta R.T. -0.01 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

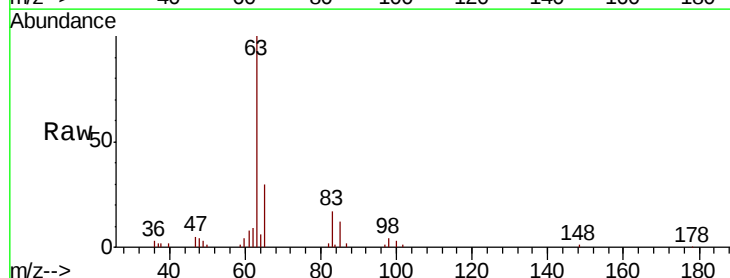
Tgt Ion: 63 Resp: 243117

Ion Ratio Lower Upper

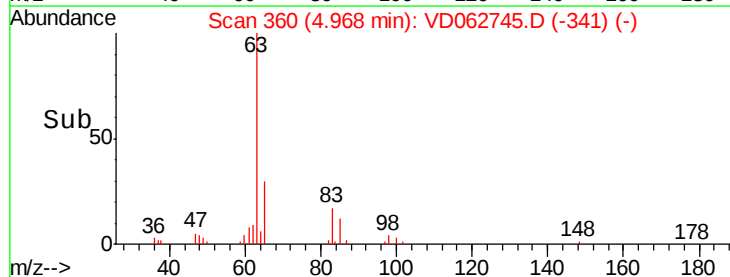
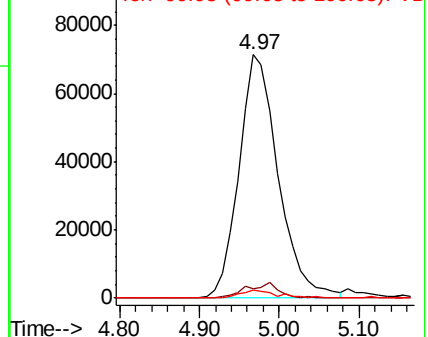
63 100

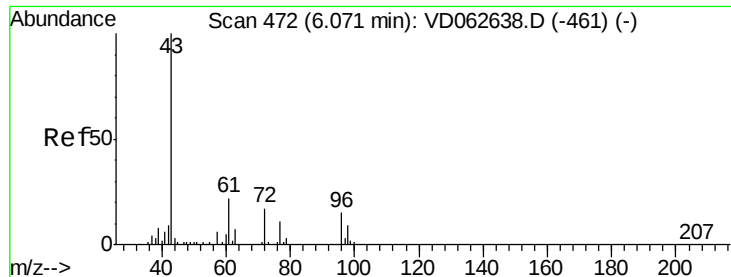
98 3.9 1.8 5.4

100 3.1 1.5 4.4



Abundance Ion 62.95 (62.65 to 63.65): VDC  
Ion 97.95 (97.65 to 98.65): VDC  
Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 96.865 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

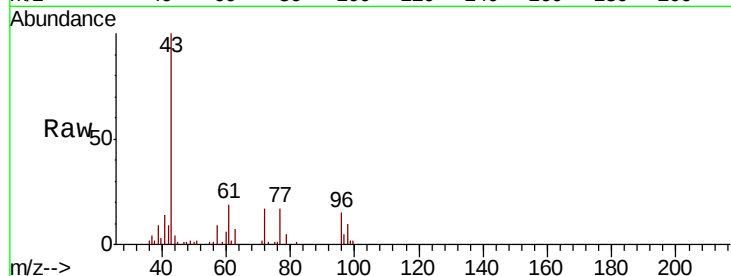
ClientSampleId :

Tot Ion: 43 Resp: 169788

Ion Ratio Lower Upper

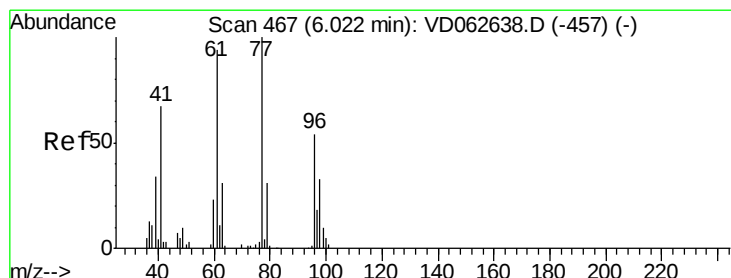
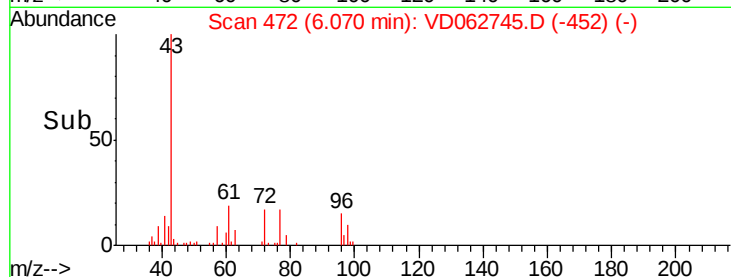
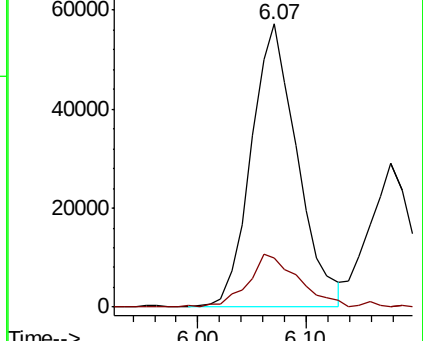
43 100

72 17.5 13.5 20.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.303 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.01 min

Lab File: VD062745.D

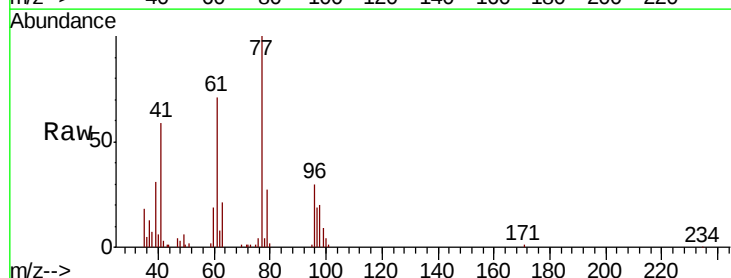
Acq: 18 Jun 2019 13:15

Tgt Ion: 77 Resp: 288832

Ion Ratio Lower Upper

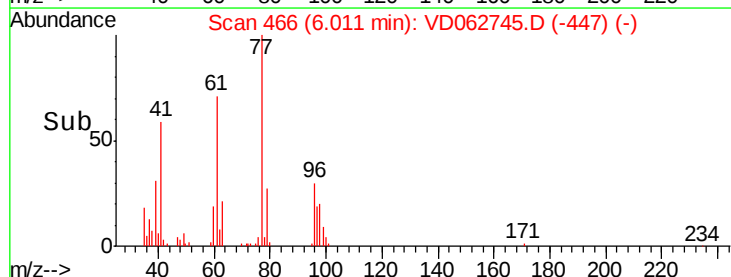
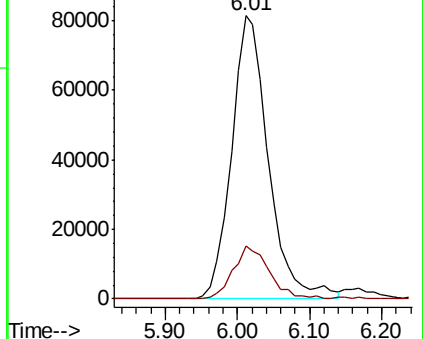
77 100

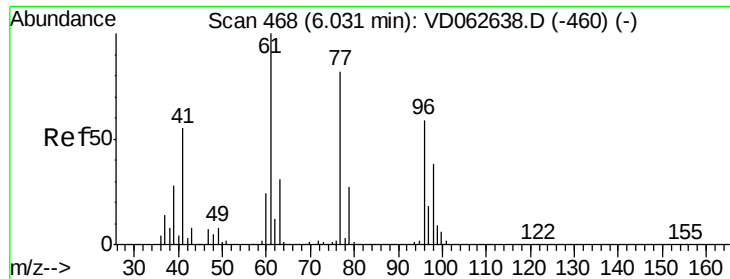
97 18.7 8.8 26.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



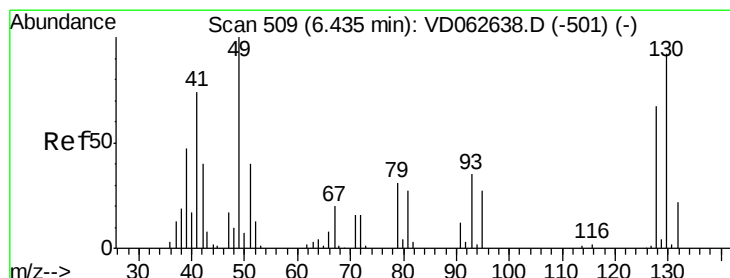
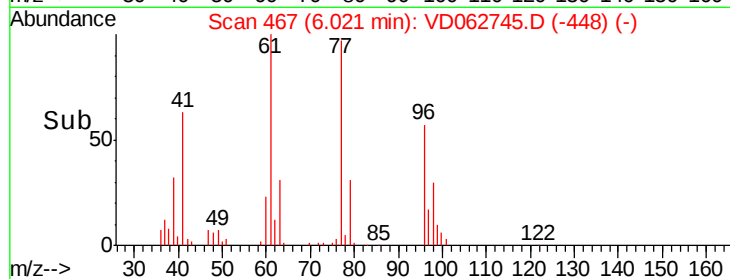
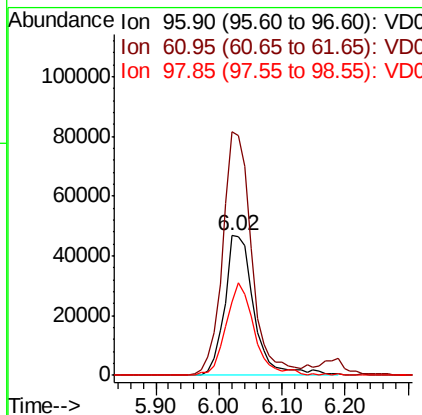
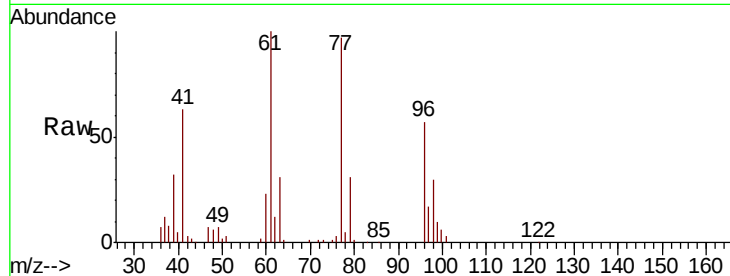


#27

cis-1,2-Dichloroethene  
 Concen: 20.983 ug/l  
 RT: 6.02 min Scan# 467  
 Delta R.T. -0.01 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

Instrument :  
 MSVOA\_D  
 ClientSampled :

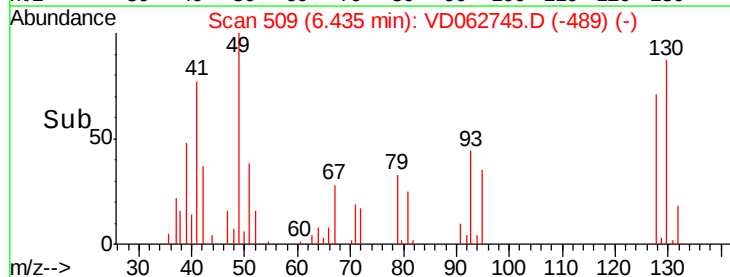
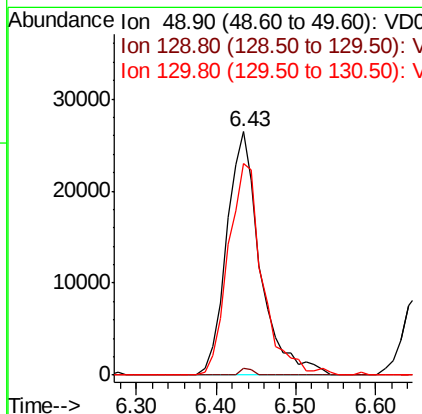
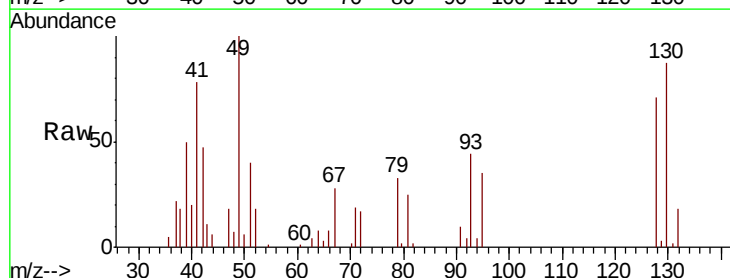
| Tot Ion | 96    | Resp  | 149960 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 174.1 | 0.0   | 340.0  |
| 98      | 52.8  | 0.0   | 127.6  |

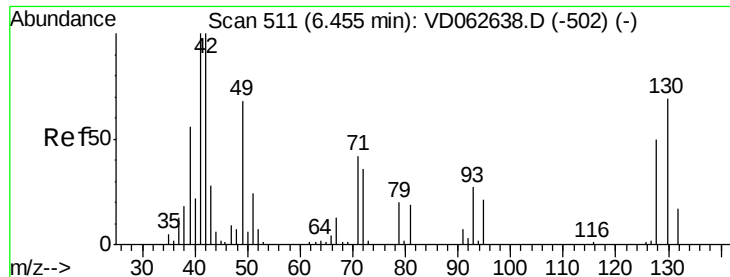


#28

Bromochloromethane  
 Concen: 16.453 ug/l  
 RT: 6.43 min Scan# 509  
 Delta R.T. -0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

| Tgt Ion | 49    | Resp  | 77636 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 2.6   | 0.0   | 8.2   |
| 130     | 86.7  | 73.4  | 110.0 |





#29

Tetrahydrofuran

Concen: 95.053 ug/l

RT: 6.45 min Scan# 511

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

ClientSampleId :

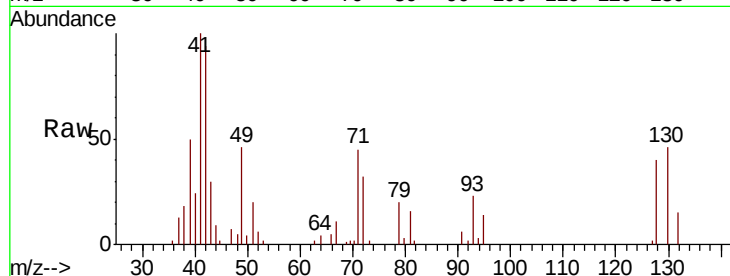
Tot Ion: 42 Resp: 75030

Ion Ratio Lower Upper

42 100

72 40.8 33.8 50.6

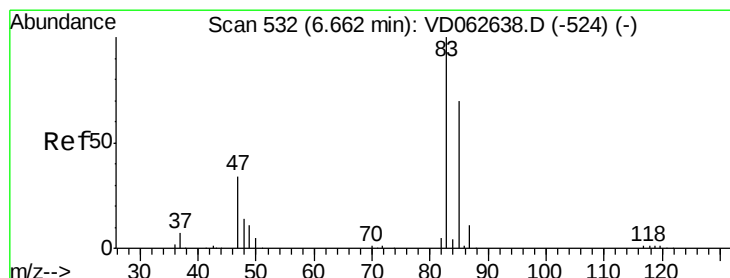
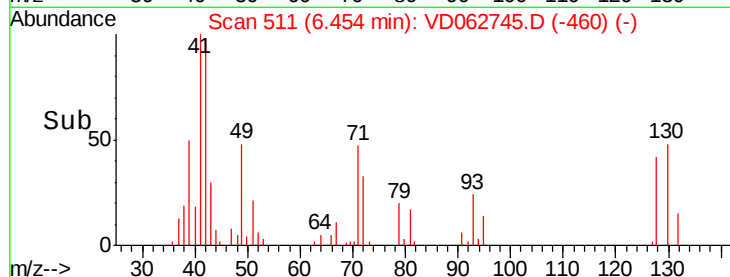
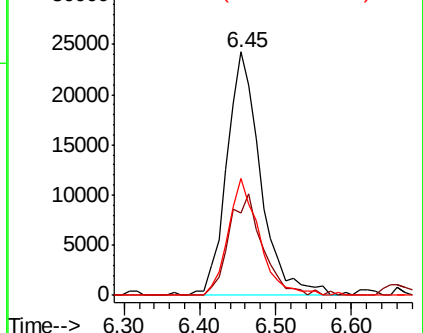
71 44.1 34.2 51.4



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: 19.464 ug/l

RT: 6.66 min Scan# 532

Delta R.T. -0.00 min

Lab File: VD062745.D

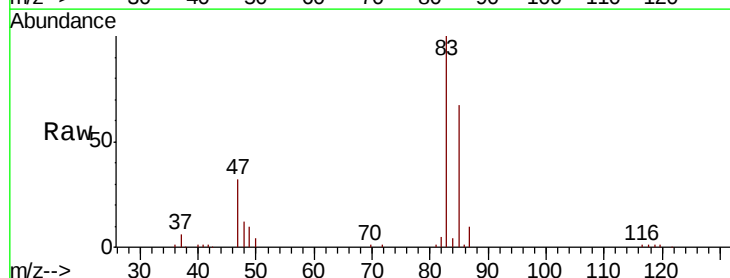
Acq: 18 Jun 2019 13:15

Tgt Ion: 83 Resp: 308250

Ion Ratio Lower Upper

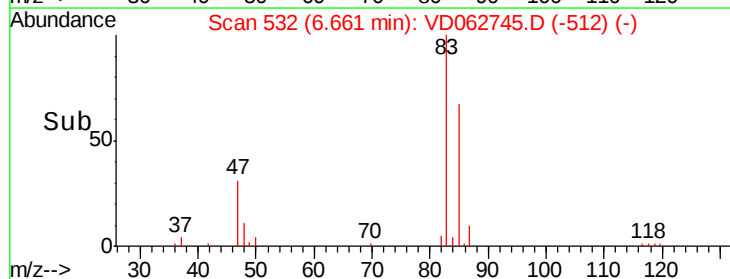
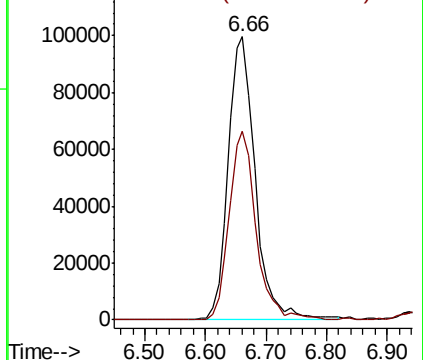
83 100

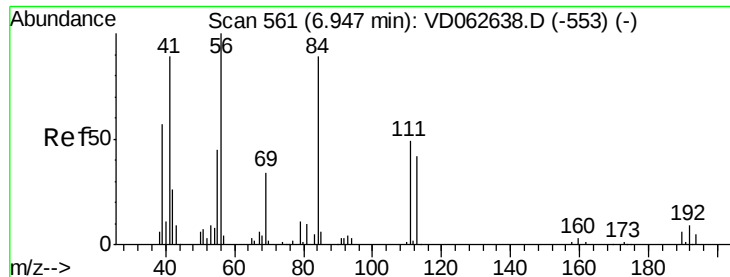
85 66.9 55.8 83.6



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

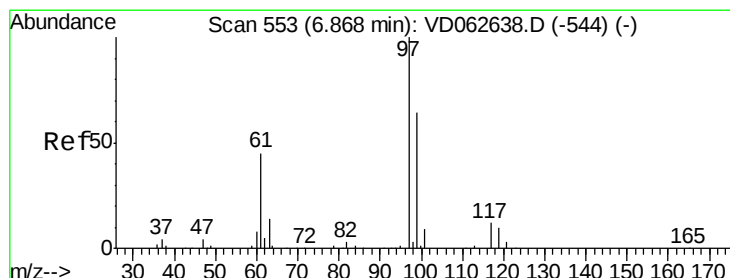
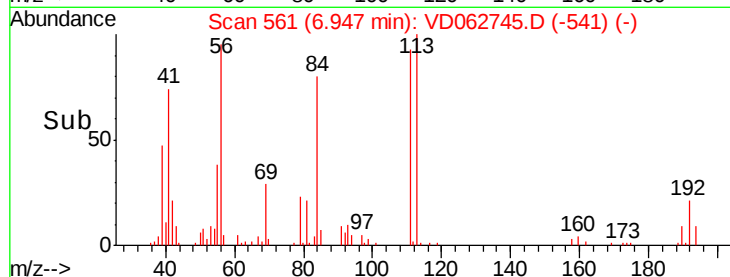
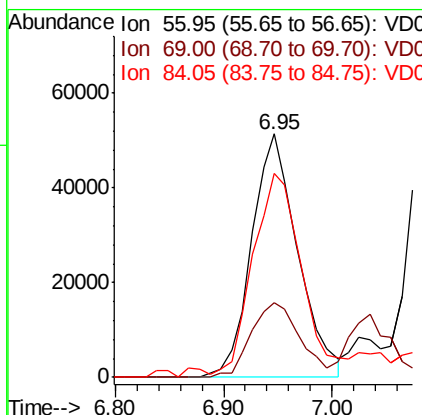
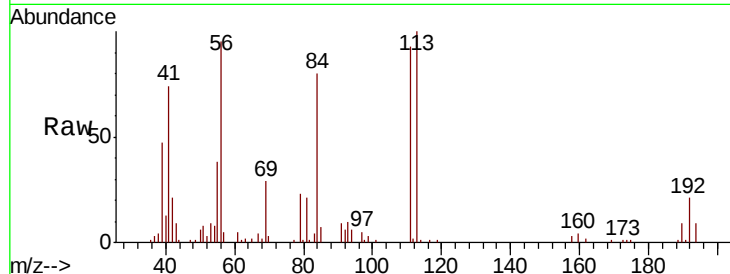




#31  
Cyclohexane  
Concen: 19.616 ug/l  
RT: 6.95 min Scan# 561  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

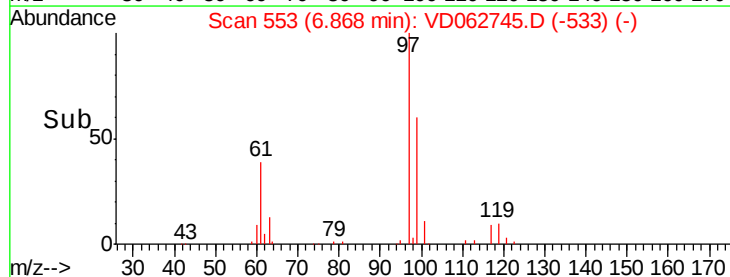
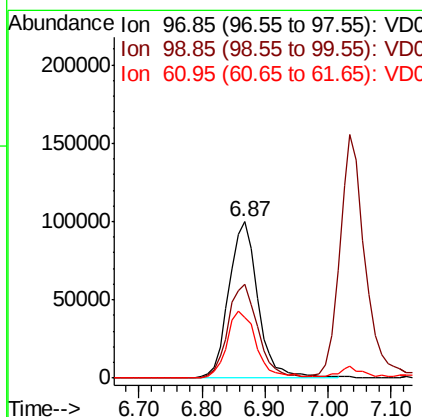
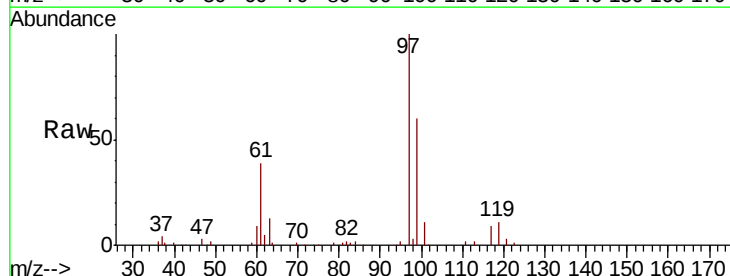
Instrument :  
MSVOA\_D  
ClientSampleId :

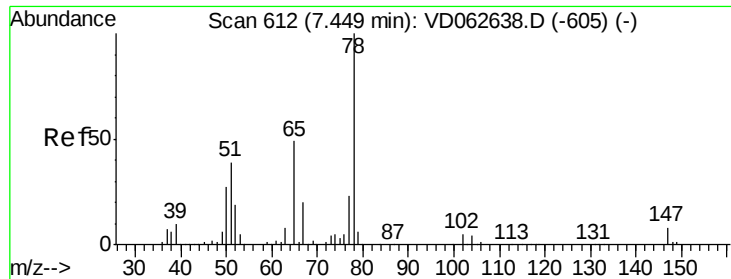
Tot Ion: 56 Resp: 151889  
Ion Ratio Lower Upper  
56 100  
69 30.5 26.8 40.2  
84 83.7 73.9 110.9



#32  
1,1,1-Trichloroethane  
Concen: 20.184 ug/l  
RT: 6.87 min Scan# 553  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Tgt Ion: 97 Resp: 318074  
Ion Ratio Lower Upper  
97 100  
99 60.0 51.4 77.0  
61 39.2 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 49.842 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

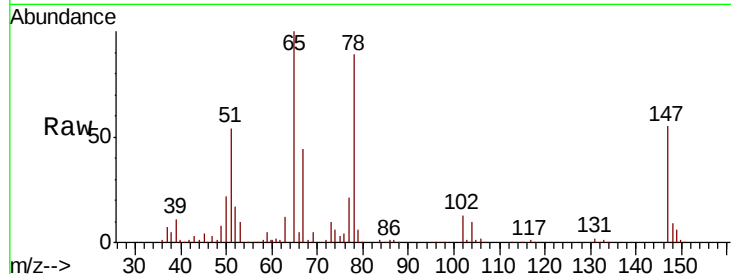
ClientSampleId :

Tot Ion: 65 Resp: 489036

Ion Ratio Lower Upper

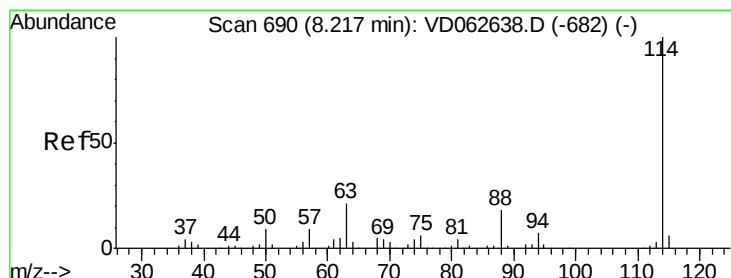
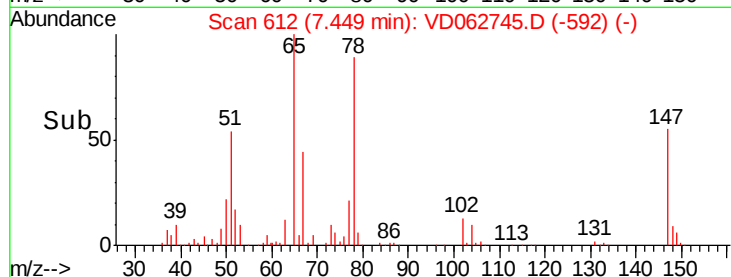
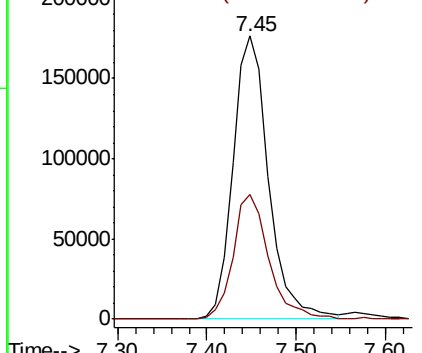
65 100

67 44.3 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

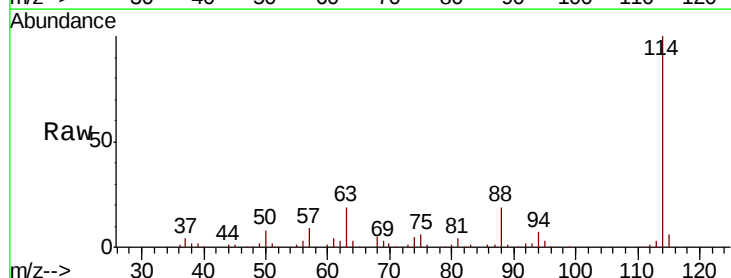
Tgt Ion: 114 Resp: 906253

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

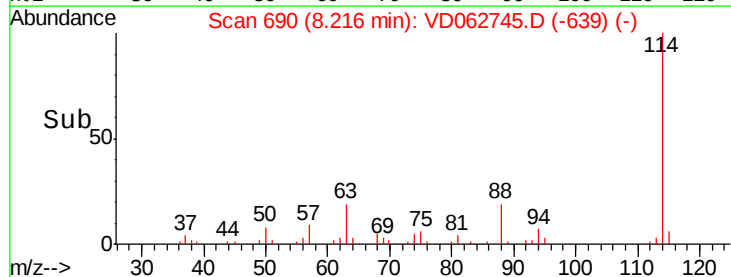
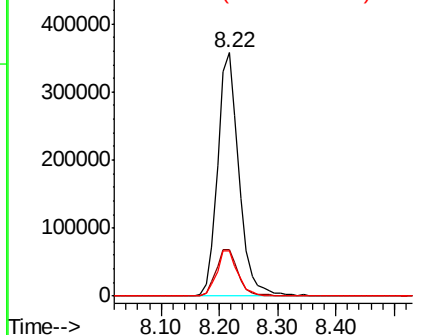
88 18.7 0.0 36.8

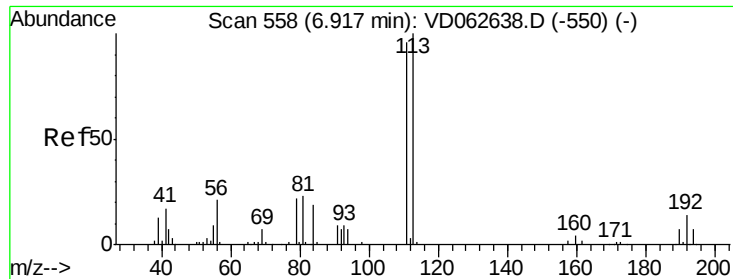


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 49.568 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

ClientSampleId :

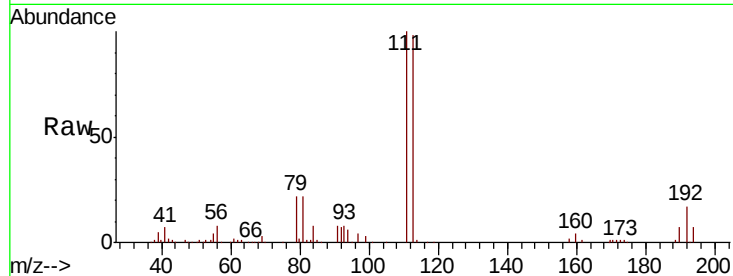
Tot Ion:113 Resp: 473752

Ion Ratio Lower Upper

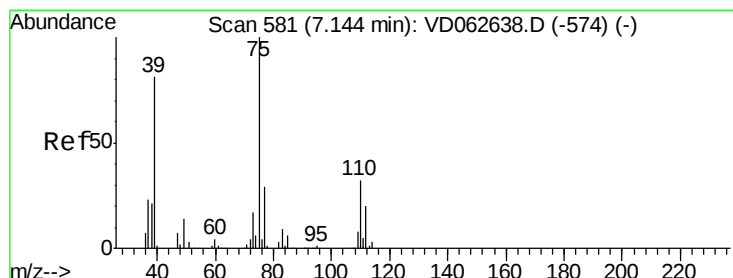
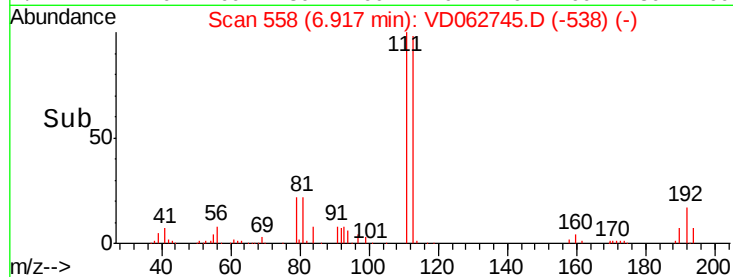
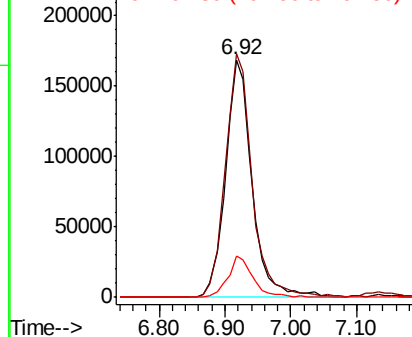
113 100

111 102.5 76.4 114.6

192 17.5 11.4 17.0#



Abundance Ion 112.90 (112.60 to 113.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 18.995 ug/l

RT: 7.14 min Scan# 581

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

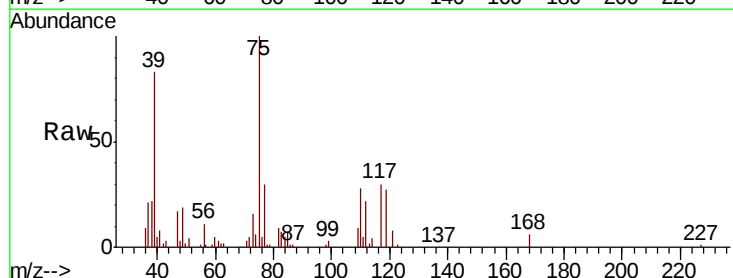
Tgt Ion: 75 Resp: 197018

Ion Ratio Lower Upper

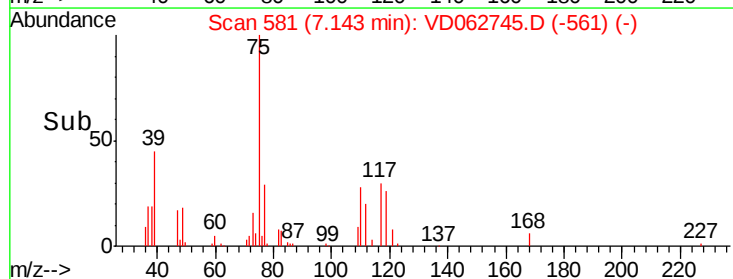
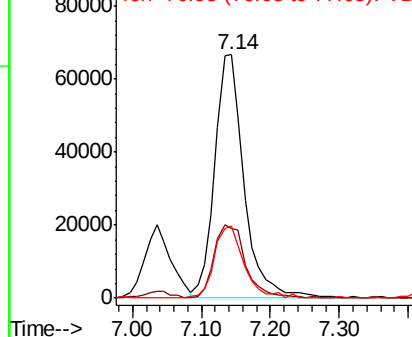
75 100

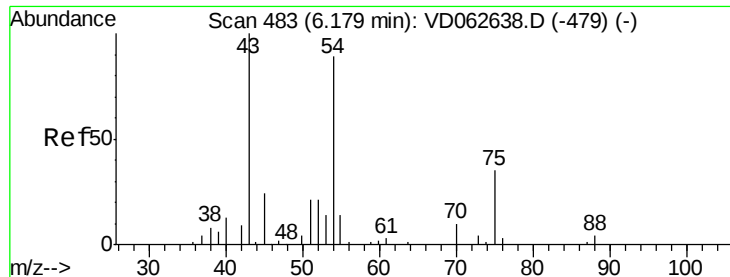
110 28.4 15.9 47.7

77 29.5 23.3 34.9



Abundance Ion 75.00 (74.70 to 75.70): V  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.95 (76.65 to 77.65): V

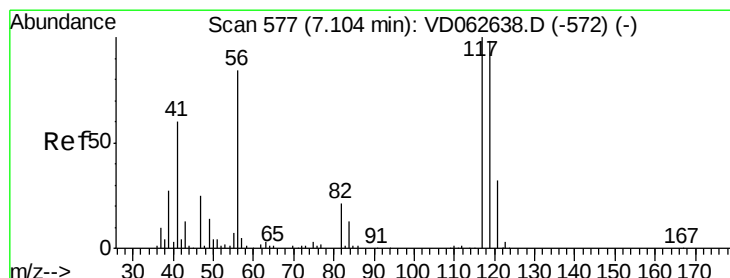
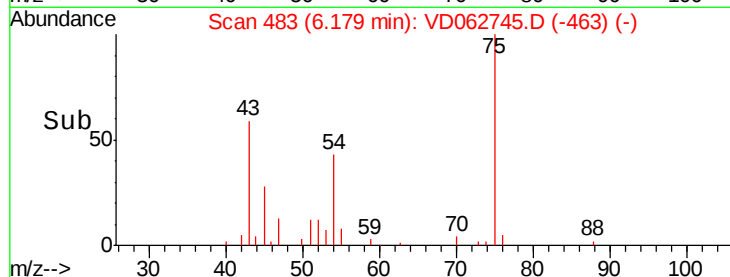
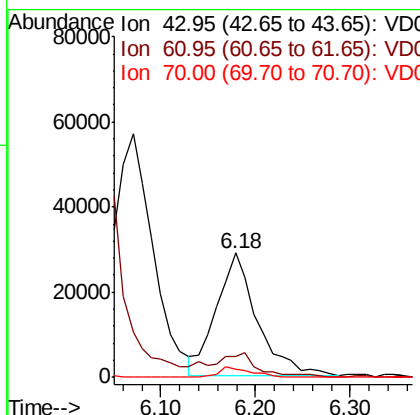
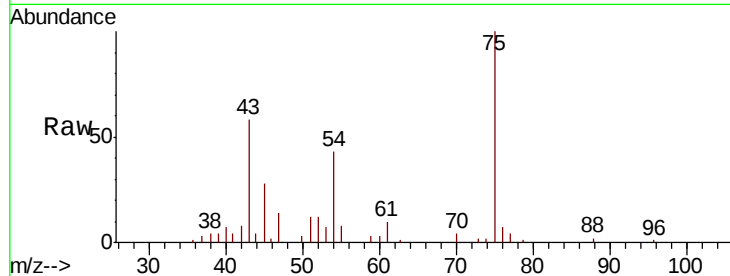




#37  
Ethyl Acetate  
Concen: 20.324 ug/l  
RT: 6.18 min Scan# 483  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

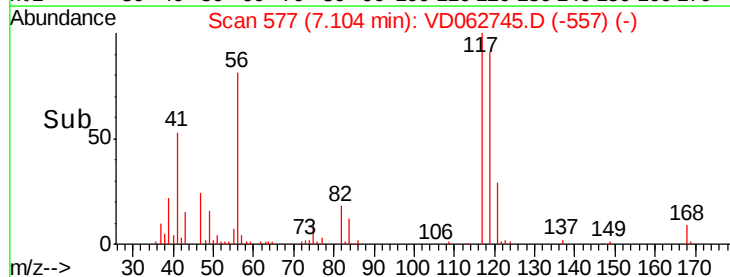
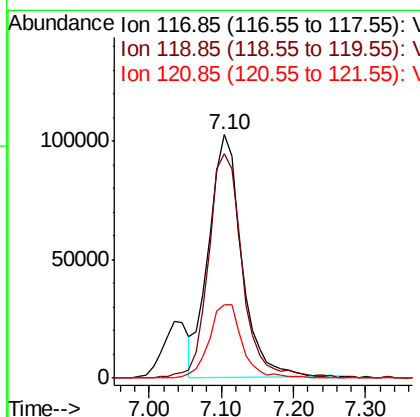
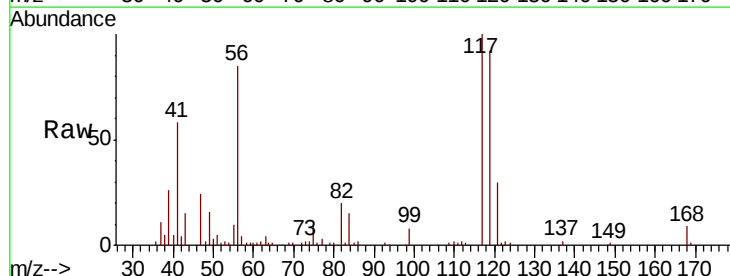
Instrument :  
MSVOA\_D  
ClientSampleID :

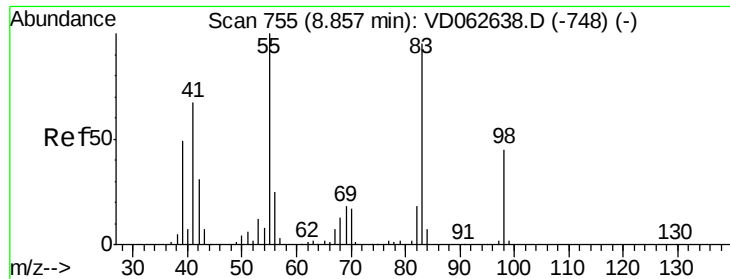
Tot Ion: 43 Resp: 86651  
Ion Ratio Lower Upper  
43 100  
61 17.1 8.7 13.1#  
70 6.0 6.5 9.7#



#38  
Carbon Tetrachloride  
Concen: 19.742 ug/l  
RT: 7.10 min Scan# 577  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Tgt Ion: 117 Resp: 323649  
Ion Ratio Lower Upper  
117 100  
119 91.9 73.5 110.3  
121 30.0 24.2 36.4

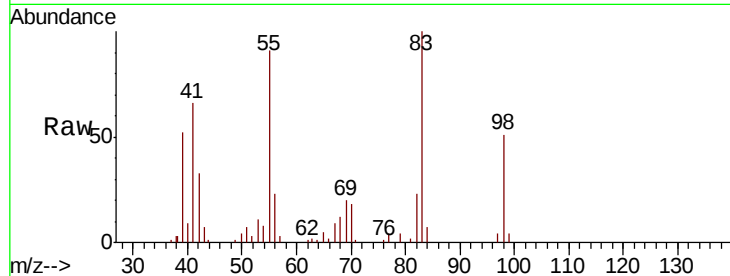




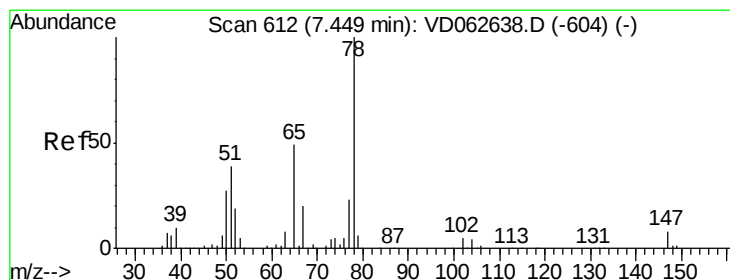
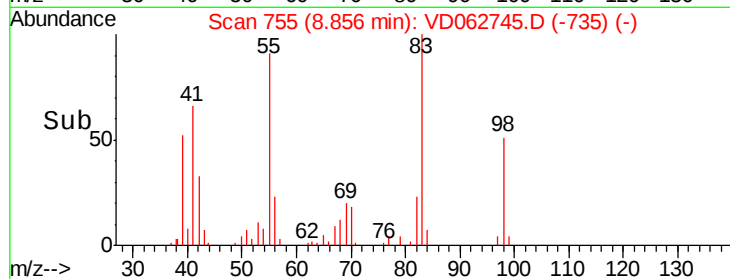
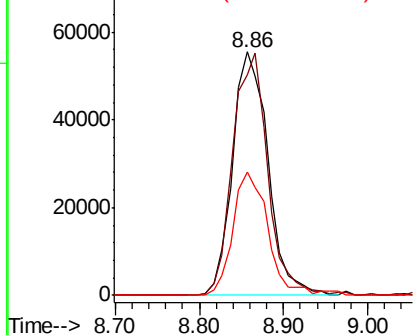
#39  
Methvlcvclohexane  
Concen: 19.491 ug/l  
RT: 8.86 min Scan# 755  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 83 Resp: 163362  
Ion Ratio Lower Upper  
83 100  
55 90.6 84.6 127.0  
98 50.9 38.2 57.4

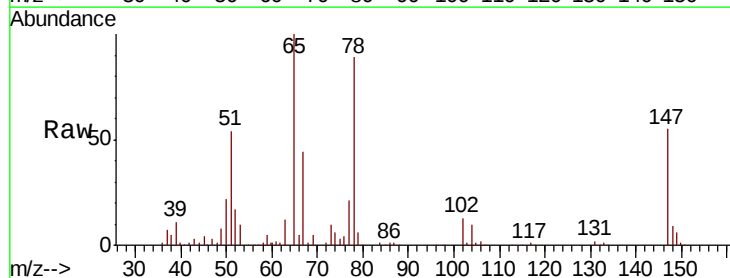


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

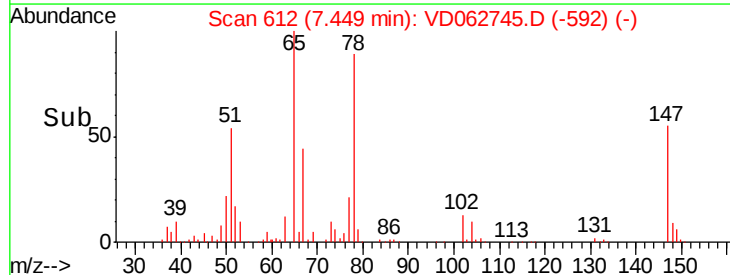
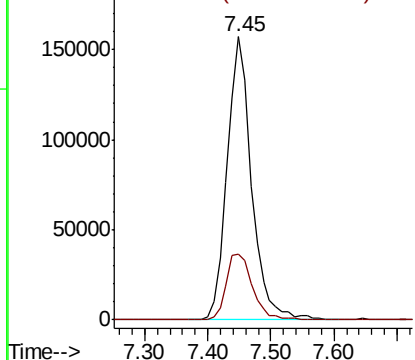


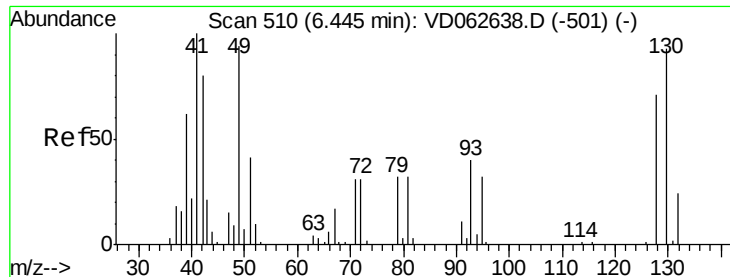
#40  
Benzene  
Concen: 20.726 ug/l  
RT: 7.45 min Scan# 612  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Tgt Ion: 78 Resp: 419812  
Ion Ratio Lower Upper  
78 100  
77 23.1 18.6 28.0



Abundance Ion 77.95 (77.65 to 78.65): VDC  
Ion 76.95 (76.65 to 77.65): VDC

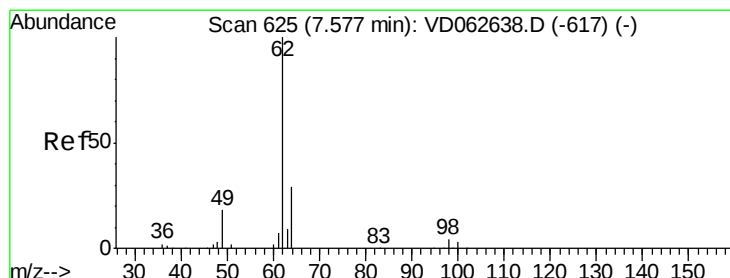
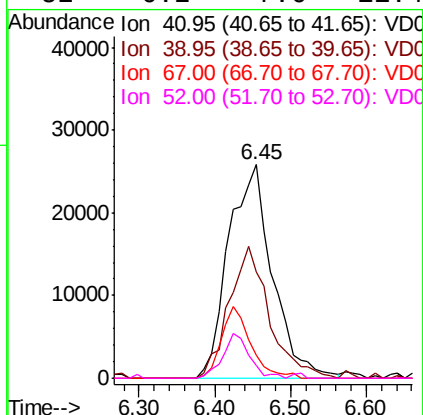
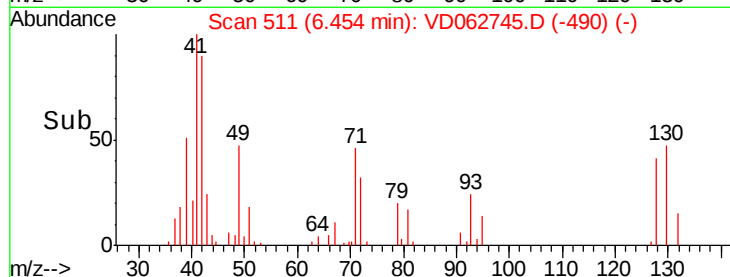
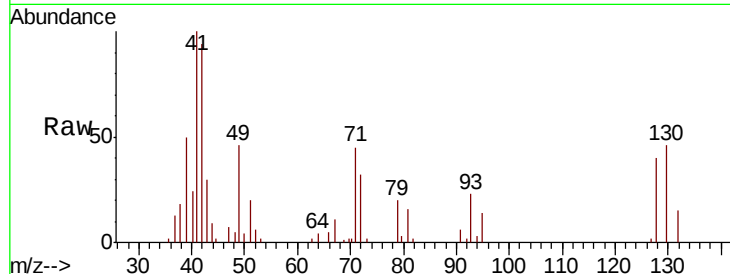




#41  
Methacrylonitrile  
Concen: 19.082 ug/l  
RT: 6.45 min Scan# 511  
Delta R.T. 0.01 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

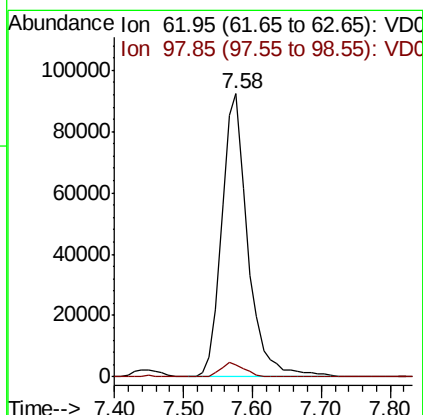
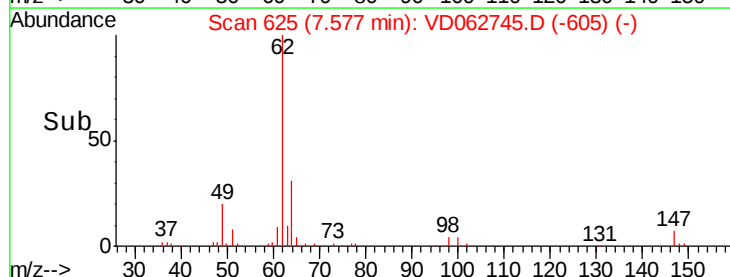
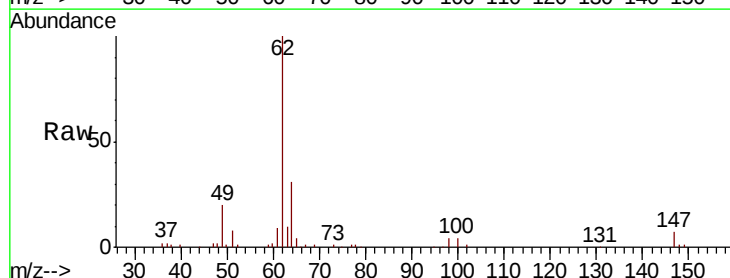
Instrument :  
MSVOA\_D  
ClientSampleId :

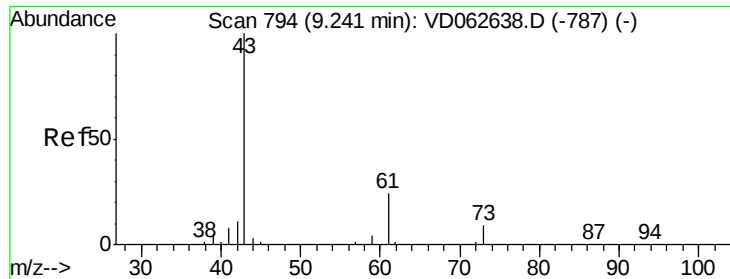
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 49.6  | 49.2  | 73.8  |
| 67      | 11.0  | 13.9  | 20.9# |
| 52      | 6.2   | 7.6   | 11.4# |



#42  
1,2-Dichloroethane  
Concen: 19.996 ug/l  
RT: 7.58 min Scan# 625  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 4.4   | 0.0   | 7.4   |





#43

Isopropyl Acetate

Concen: 20.181 ug/l

RT: 9.24 min Scan# 794

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

ClientSampleId :

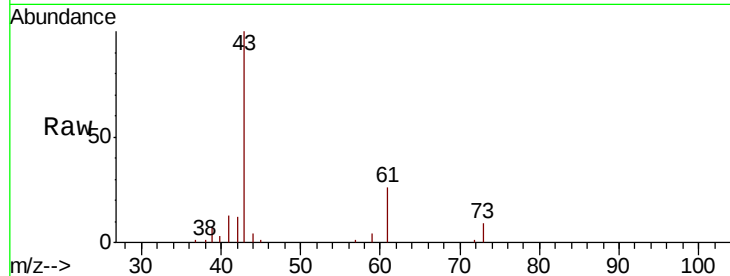
Tot Ion: 43 Resp: 110444

Ion Ratio Lower Upper

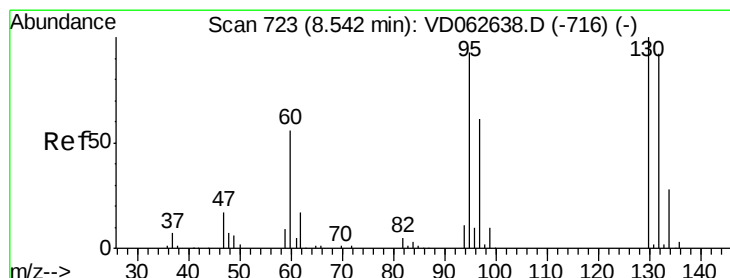
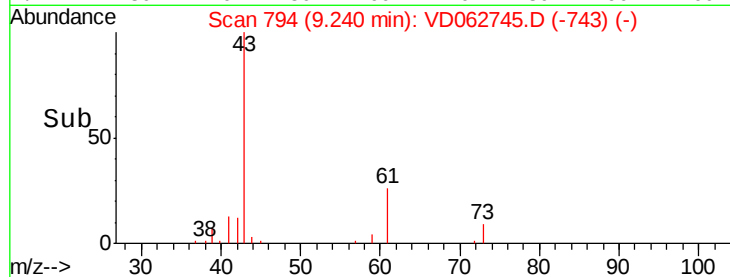
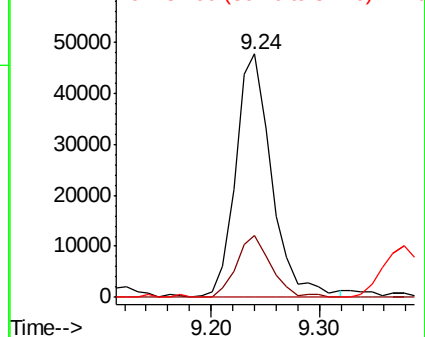
43 100

61 25.7 19.0 28.6

87 0.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.430 ug/l

RT: 8.53 min Scan# 722

Delta R.T. -0.01 min

Lab File: VD062745.D

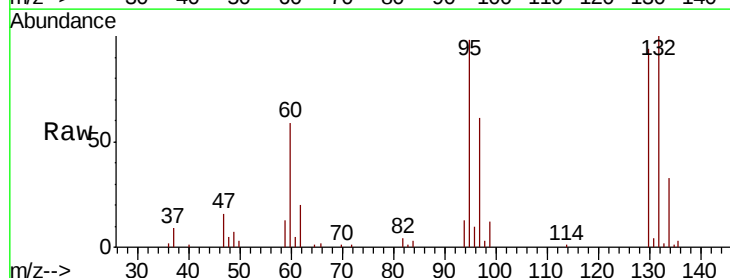
Acq: 18 Jun 2019 13:15

Tgt Ion:130 Resp: 159778

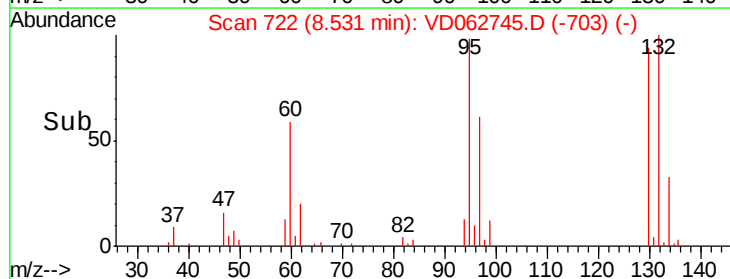
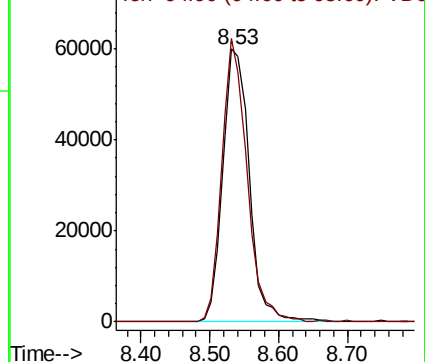
Ion Ratio Lower Upper

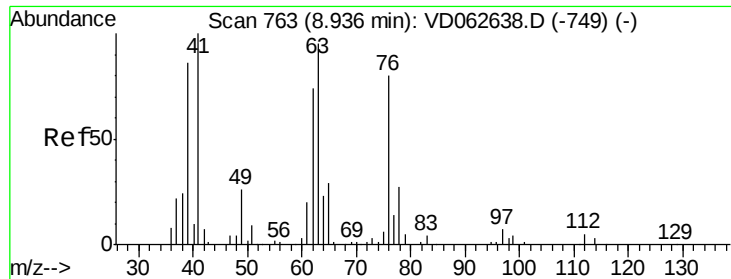
130 100

95 103.8 0.0 185.6



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





#45

1,2-Dichloropropane

Concen: 21.201 ug/l

RT: 8.94 min Scan# 763

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

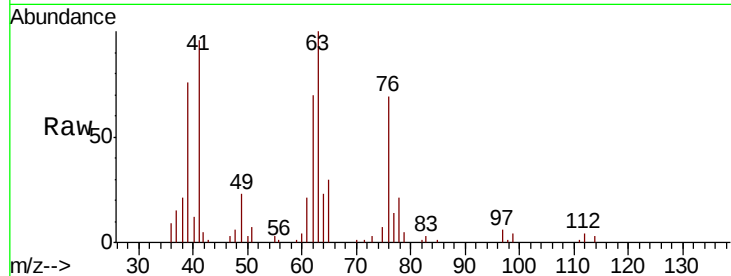
ClientSampleId :

Tot Ion: 63 Resp: 103151

Ion Ratio Lower Upper

63 100

65 30.4 24.6 37.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.94

40000

30000

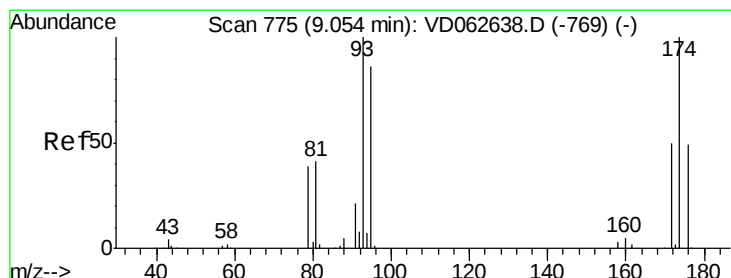
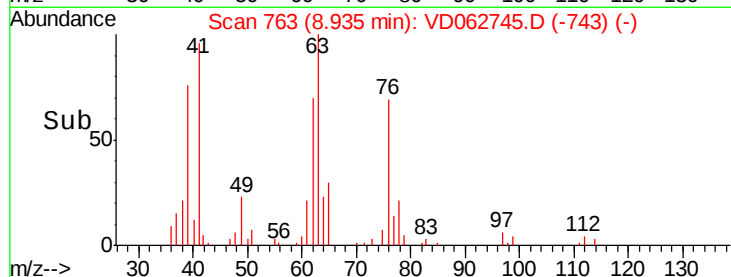
20000

10000

0

8.80 8.90 9.00 9.10

Time-->



#46

Dibromomethane

Concen: 19.688 ug/l

RT: 9.06 min Scan# 776

Delta R.T. 0.01 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

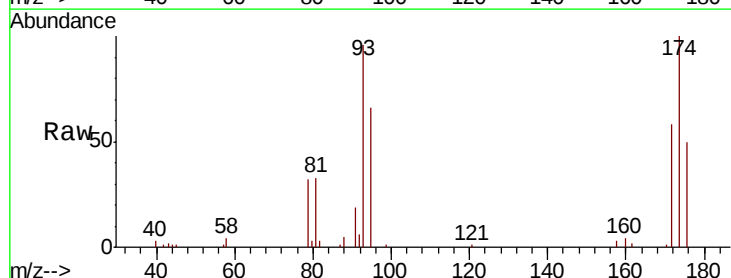
Tgt Ion: 93 Resp: 85025

Ion Ratio Lower Upper

93 100

95 68.8 68.7 103.1

174 104.2 79.8 119.8



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

9.06

40000

30000

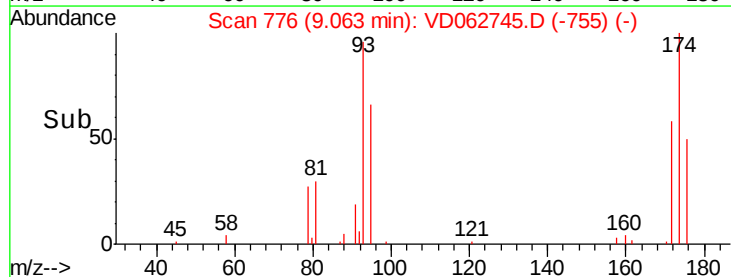
20000

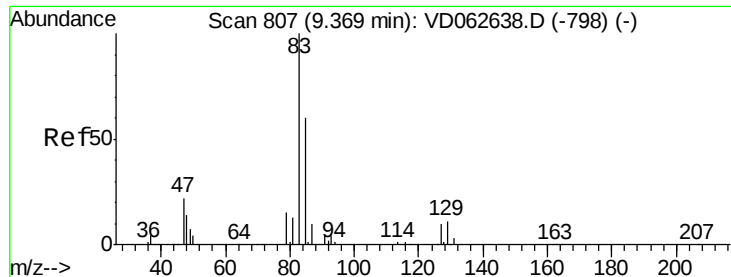
10000

0

9.00 9.10

Time-->





#47

Bromodichloromethane

Concen: 19.510 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

ClientSampleId :

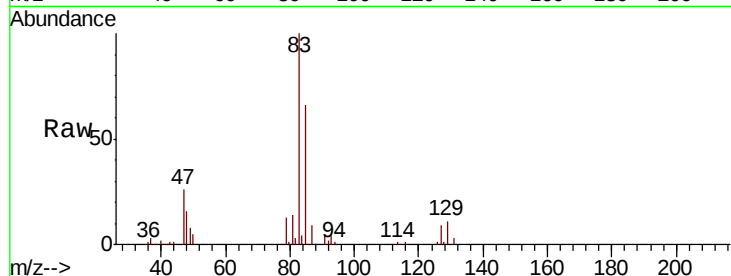
Tot Ion: 83 Resp: 229204

Ion Ratio Lower Upper

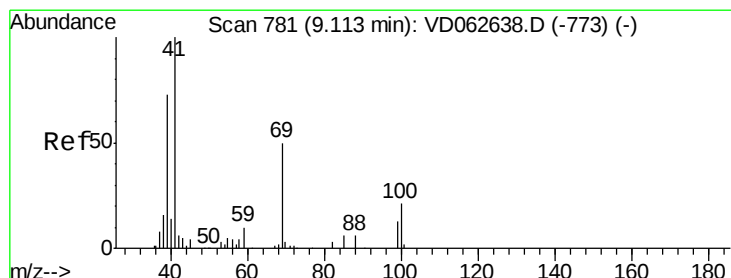
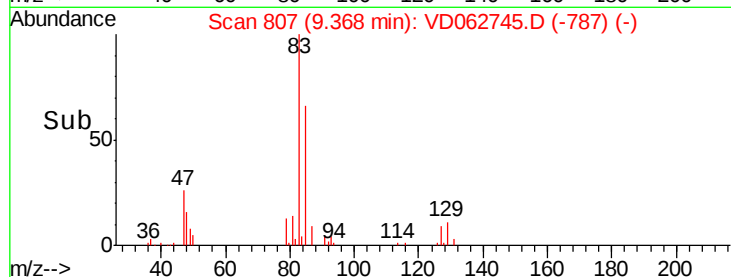
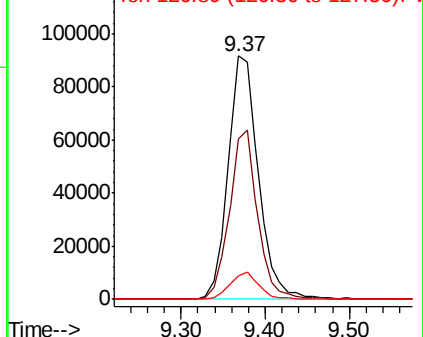
83 100

85 65.9 47.9 71.9

127 9.4 8.2 12.4



Abundance Ion 82.85 (82.55 to 83.55): VDC  
Ion 84.95 (84.65 to 85.65): VDC  
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 20.165 ug/l

RT: 9.12 min Scan# 782

Delta R.T. 0.01 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

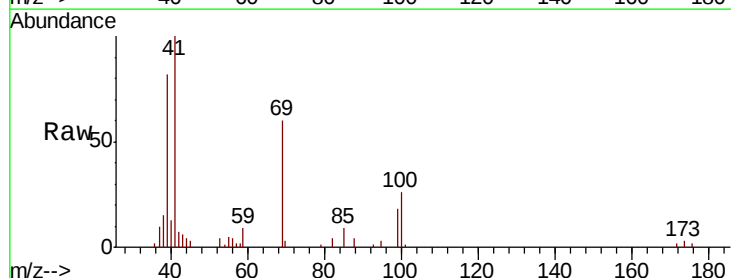
Tgt Ion: 41 Resp: 79729

Ion Ratio Lower Upper

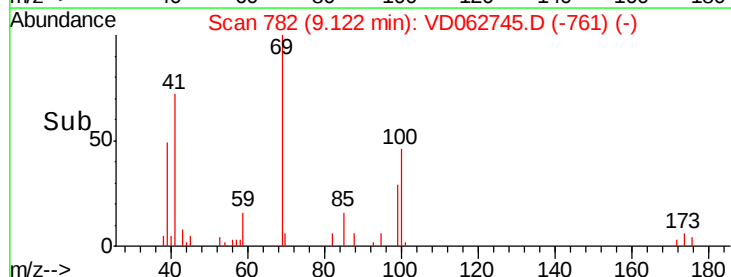
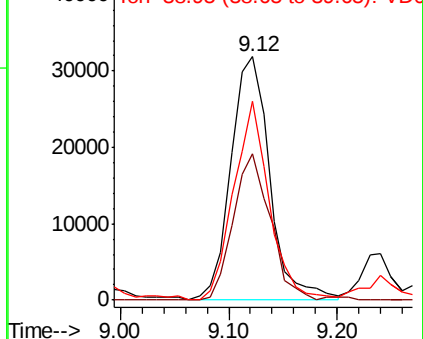
41 100

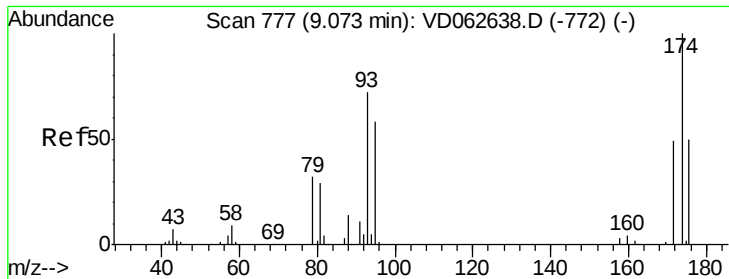
69 59.8 39.8 59.6#

39 81.7 59.1 88.7



Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 342.740 ug/l

RT: 9.08 min Scan# 778

Delta R.T. 0.01 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

ClientSampleId :

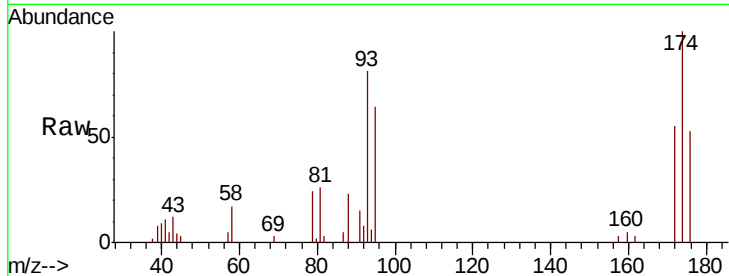
Tot Ion: 88 Resp: 10965

Ion Ratio Lower Upper

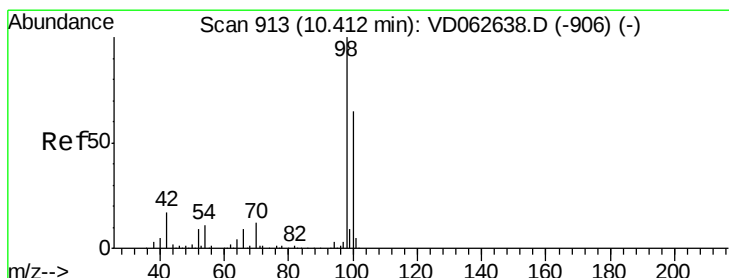
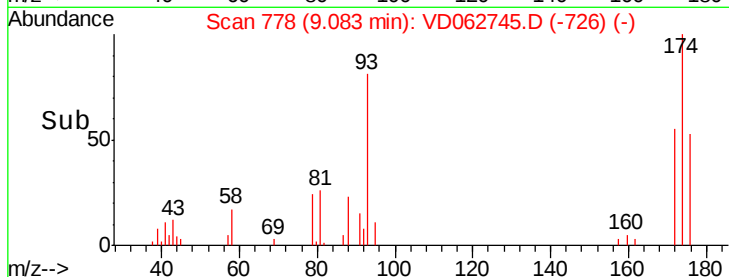
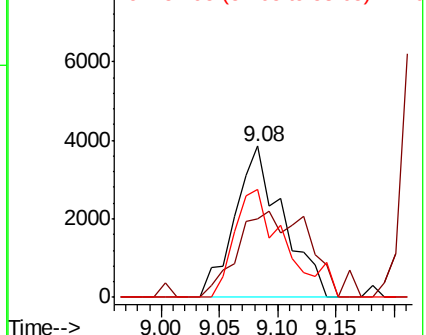
88 100

43 51.5 40.7 61.1

58 71.2 54.2 81.4



Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 50.255 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062745.D

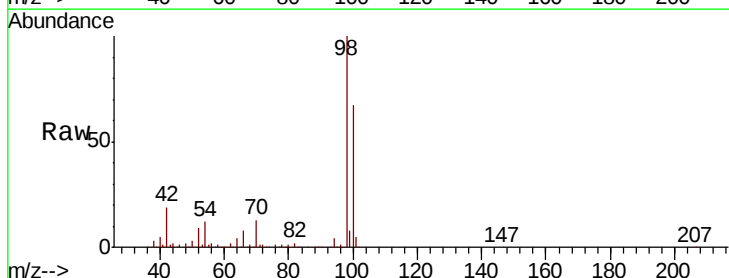
Acq: 18 Jun 2019 13:15

Tgt Ion: 98 Resp: 1010417

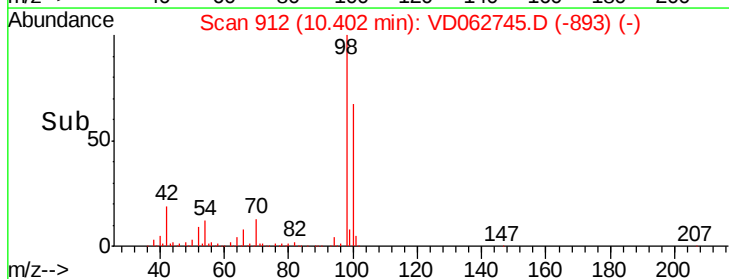
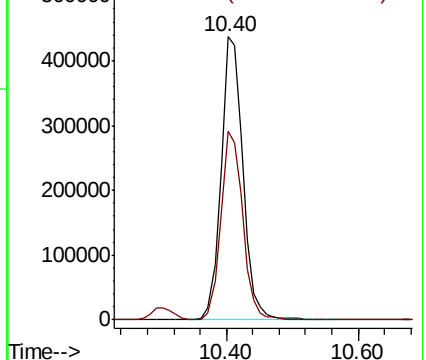
Ion Ratio Lower Upper

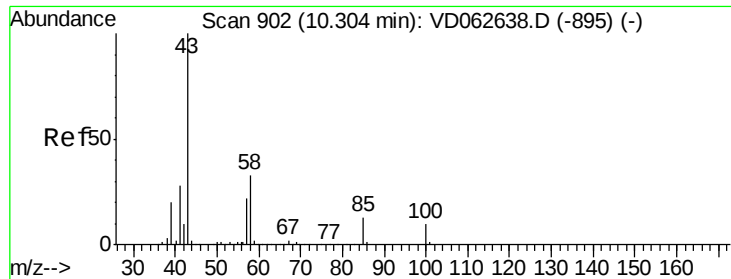
98 100

100 66.8 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VDC  
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 104.627 ug/l

RT: 10.30 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

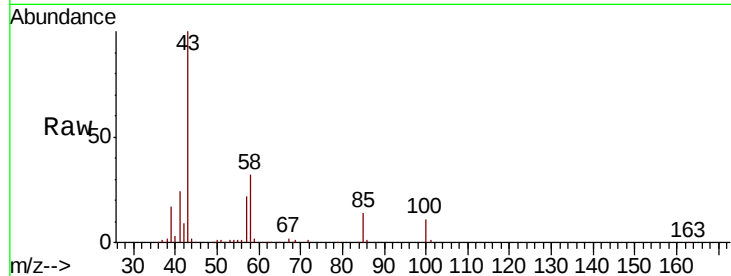
ClientSampled :

Tot Ion: 43 Resp: 400658

Ion Ratio Lower Upper

43 100

58 32.4 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.30

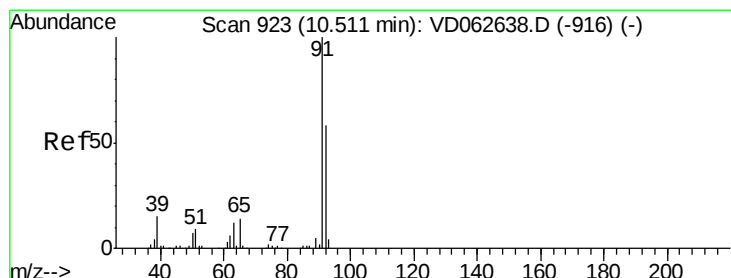
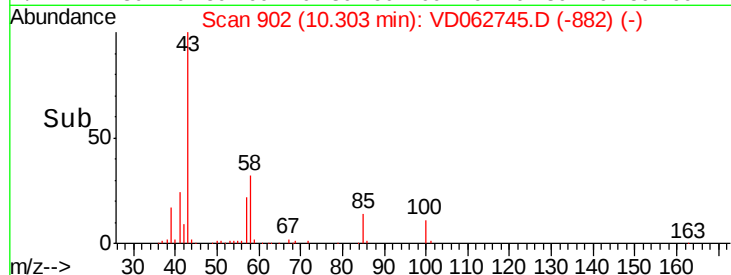
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.129 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: VD062745.D

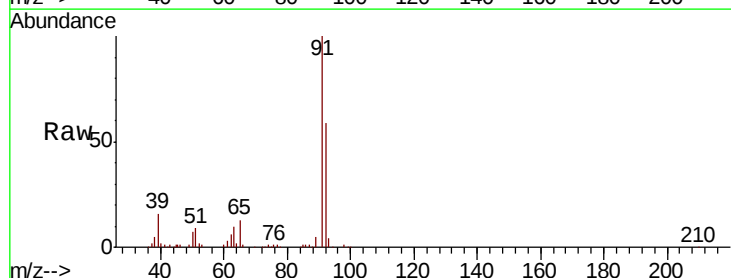
Acq: 18 Jun 2019 13:15

Tgt Ion: 92 Resp: 274064

Ion Ratio Lower Upper

92 100

91 170.5 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

250000

200000

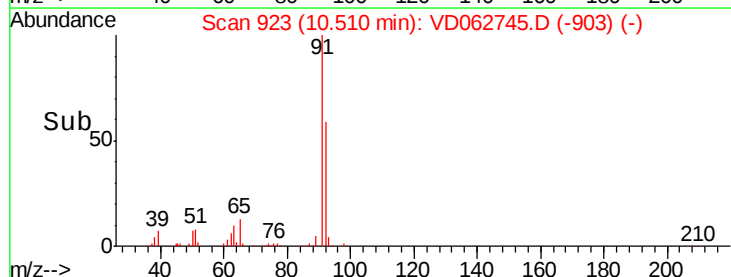
150000

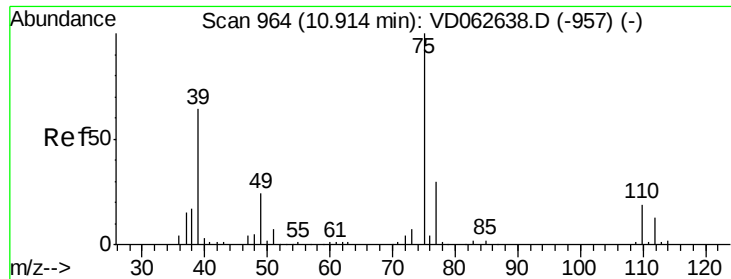
100000

50000

0

Time-->

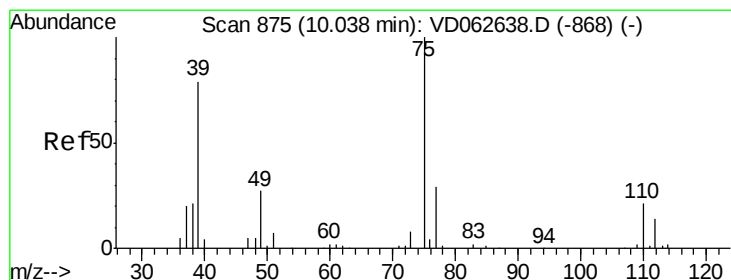
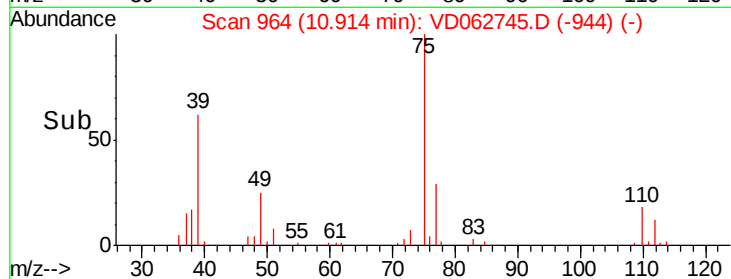
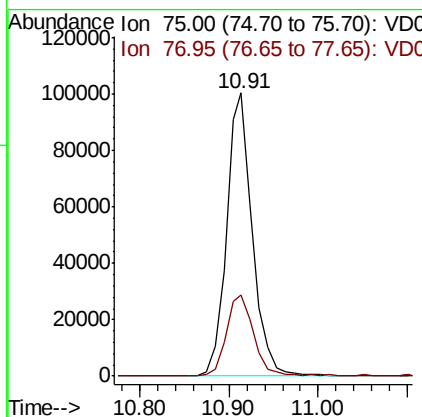
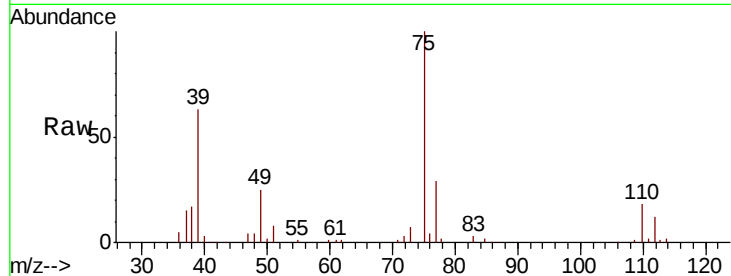




#53  
 t-1,3-Dichloropropene  
 Concen: 21.025 ug/l  
 RT: 10.91 min Scan# 964  
 Delta R.T. -0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

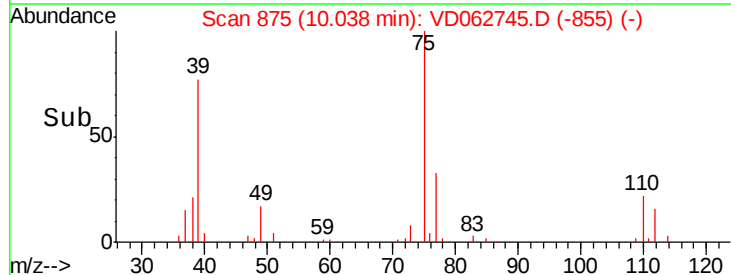
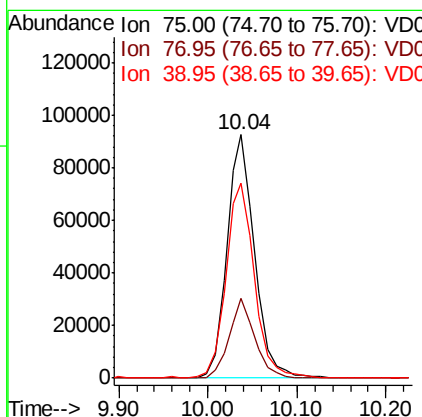
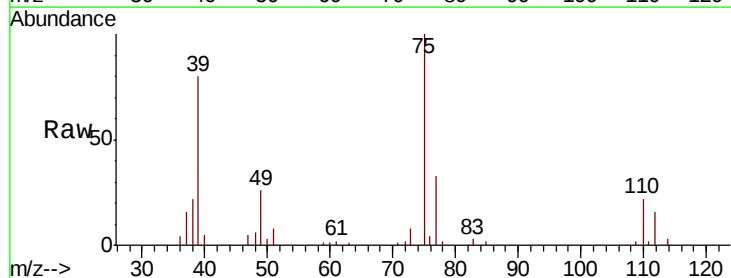
Instrument :  
 MSVOA\_D  
 ClientSampleId :

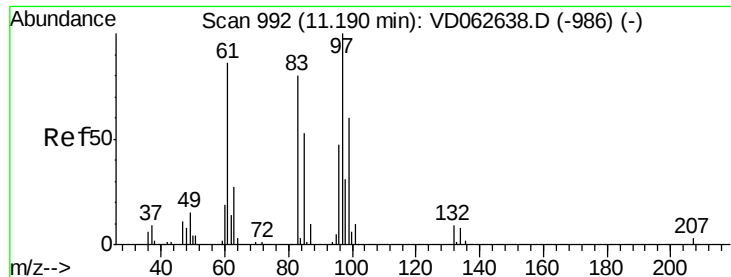
Tot Ion: 75 Resp: 202512  
 Ion Ratio Lower Upper  
 75 100  
 77 28.9 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.119 ug/l  
 RT: 10.04 min Scan# 875  
 Delta R.T. -0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

Tgt Ion: 75 Resp: 200288  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 23.1 34.7  
 39 79.9 63.4 95.2

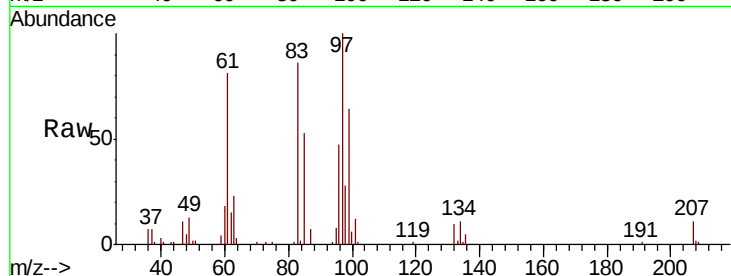




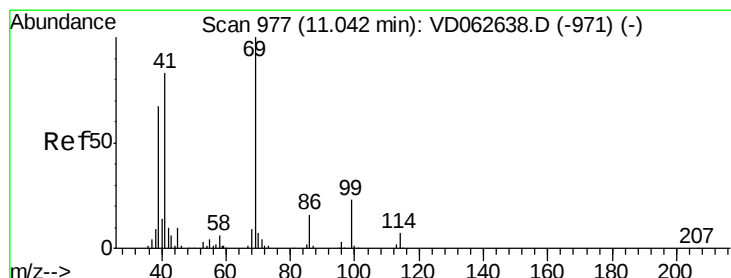
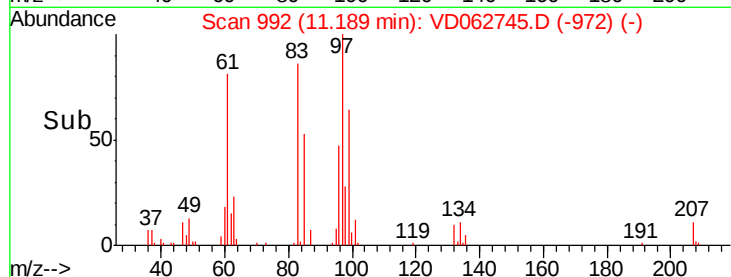
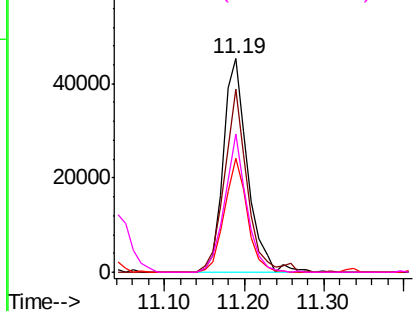
#55  
 1,1,2-Trichloroethane  
 Concen: 20.823 ug/l  
 RT: 11.19 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

Instrument :  
 MSVOA\_D  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 97231 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.6  | 63.8  | 95.8  |
| 85       | 53.3  | 42.3  | 63.5  |
| 99       | 64.5  | 48.0  | 72.0  |

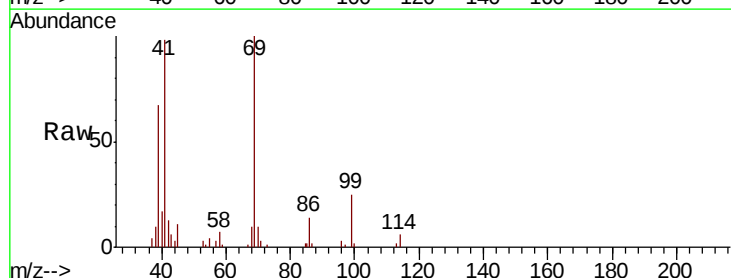


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

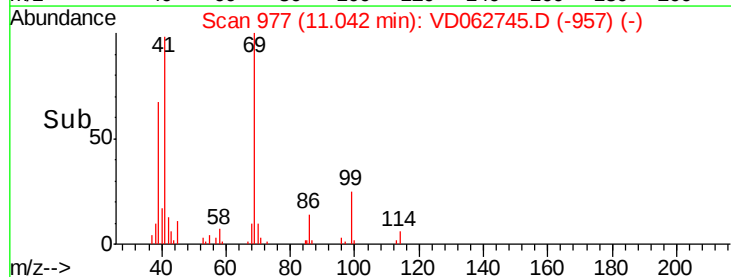
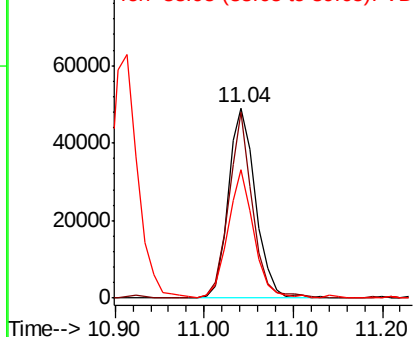


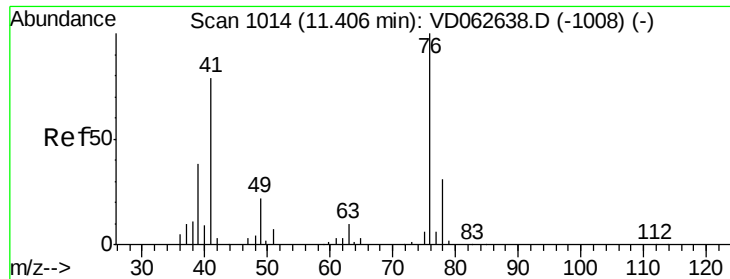
#56  
 Ethyl methacrylate  
 Concen: 21.229 ug/l  
 RT: 11.04 min Scan# 977  
 Delta R.T. -0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 105588 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 98.3  | 66.2  | 99.4   |
| 39       | 67.3  | 53.8  | 80.8   |



Abundance Ion 69.00 (68.70 to 69.70): VDC  
 Ion 41.05 (40.75 to 41.75): VDC  
 Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 19.216 ug/l

RT: 11.41 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

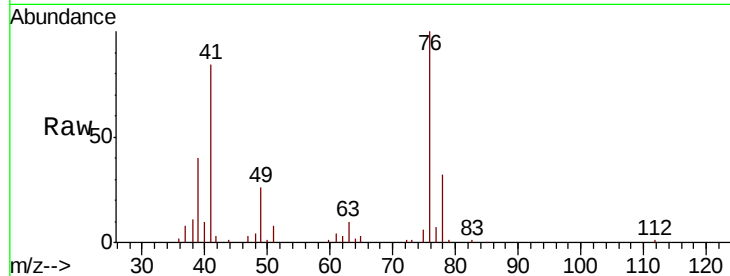
ClientSampleId :

Tot Ion: 76 Resp: 139066

Ion Ratio Lower Upper

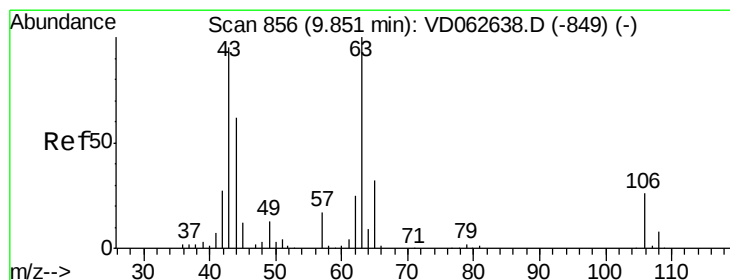
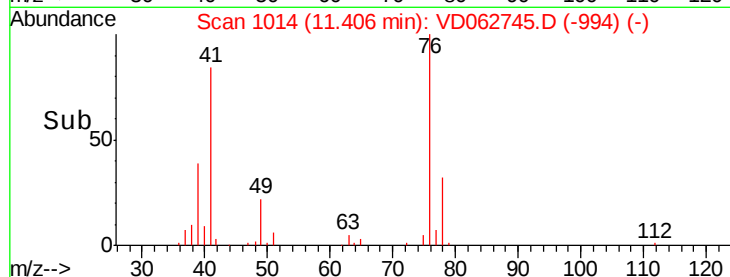
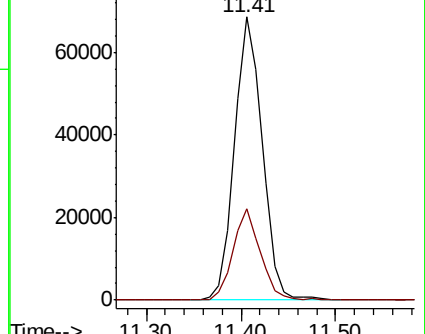
76 100

78 32.3 24.9 37.3



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 112.672 ug/l

RT: 9.86 min Scan# 857

Delta R.T. 0.01 min

Lab File: VD062745.D

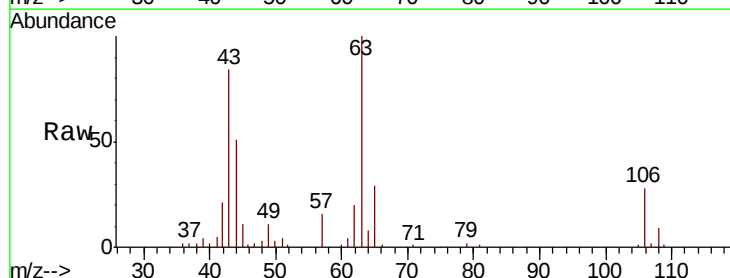
Acq: 18 Jun 2019 13:15

Tgt Ion: 63 Resp: 281188

Ion Ratio Lower Upper

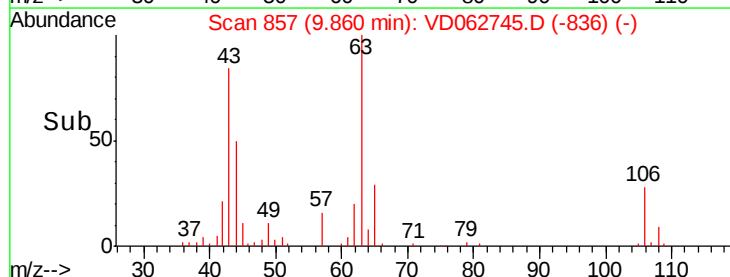
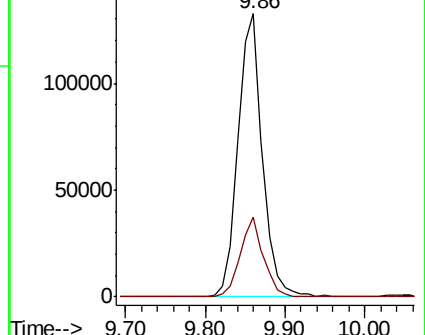
63 100

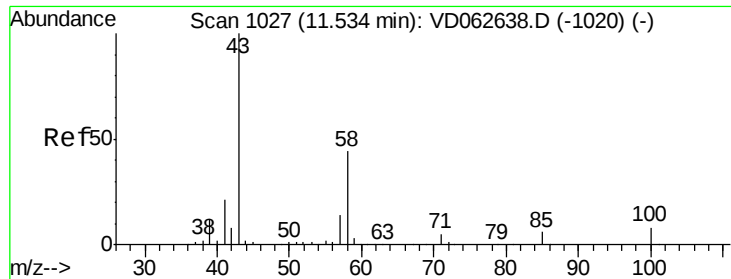
106 28.1 20.5 30.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

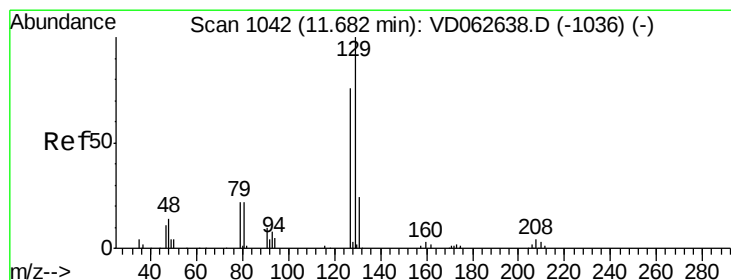
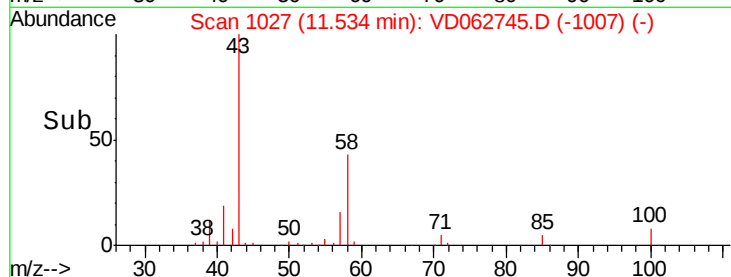
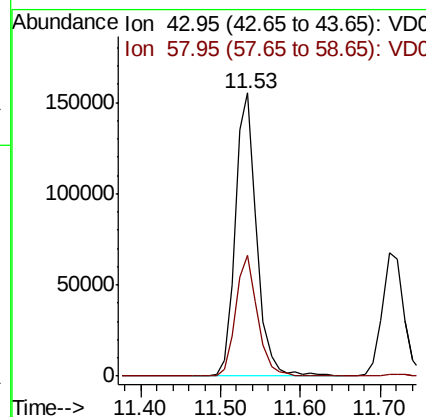
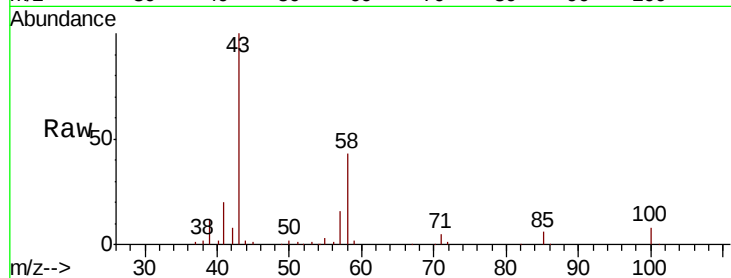




#59  
2-Hexanone  
Concen: 102.363 ug/l  
RT: 11.53 min Scan# 1027  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

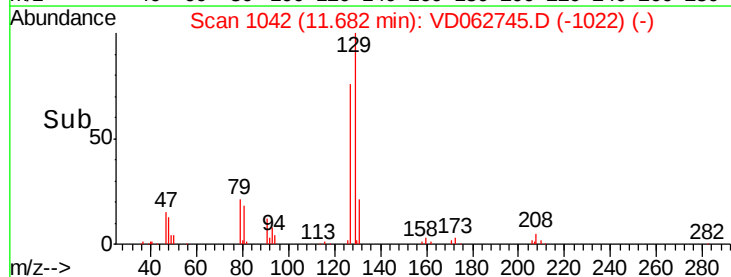
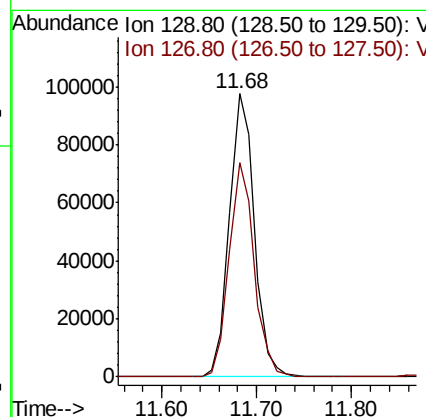
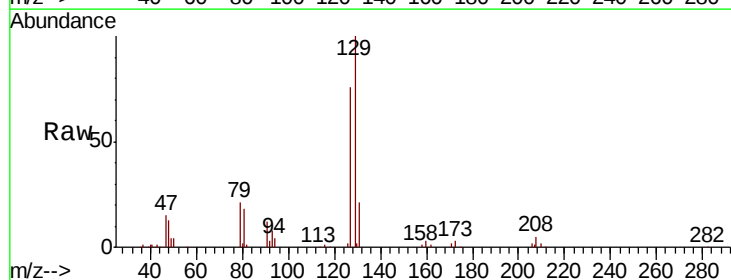
Instrument :  
MSVOA\_D  
ClientSampleId :

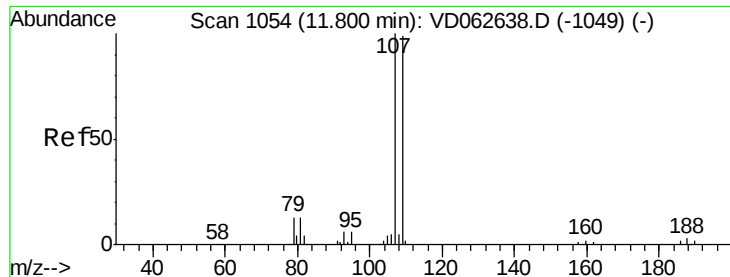
Tot Ion: 43 Resp: 291585  
Ion Ratio Lower Upper  
43 100  
58 42.9 21.8 65.4



#60  
Dibromochloromethane  
Concen: 19.394 ug/l  
RT: 11.68 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Tgt Ion:129 Resp: 178763  
Ion Ratio Lower Upper  
129 100  
127 75.8 38.0 114.1





#61

1,2-Dibromoethane

Concen: 21.117 ug/l

RT: 11.80 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

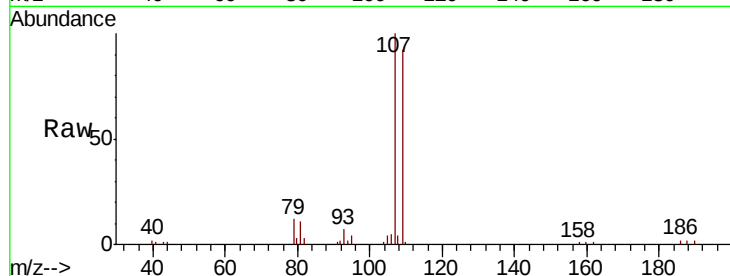
ClientSampleId :

Tot Ion:107 Resp: 118008

Ion Ratio Lower Upper

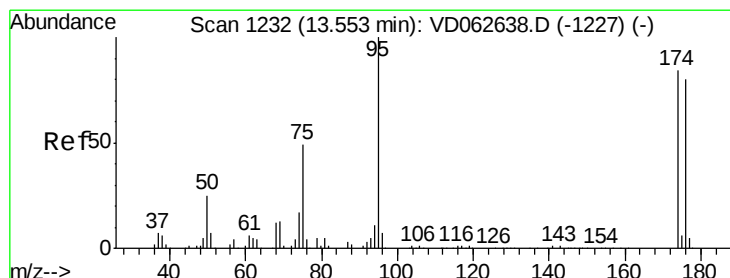
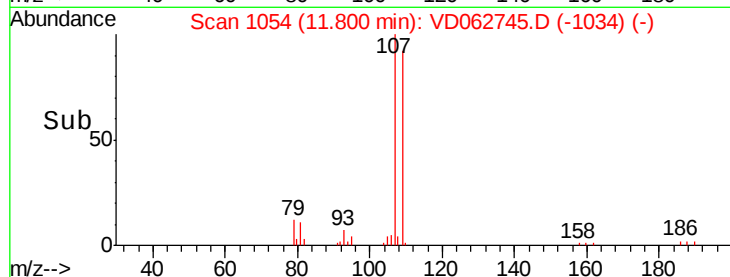
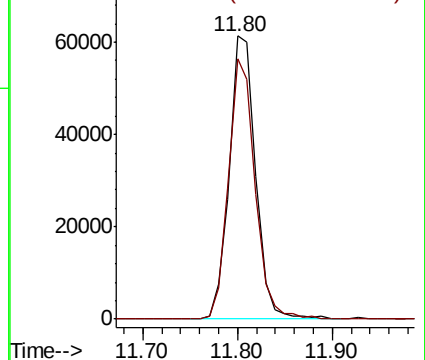
107 100

109 91.8 79.2 118.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 49.460 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

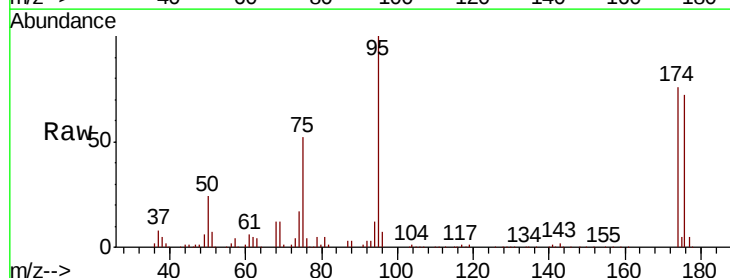
Tgt Ion: 95 Resp: 463940

Ion Ratio Lower Upper

95 100

174 75.7 0.0 167.0

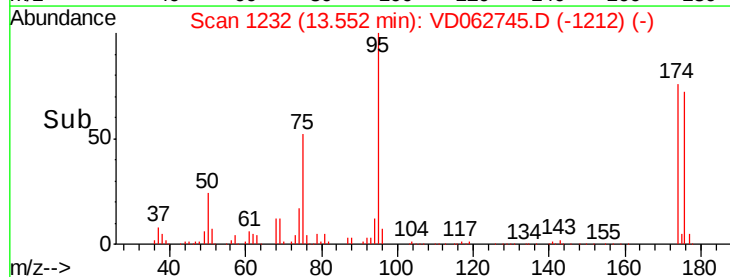
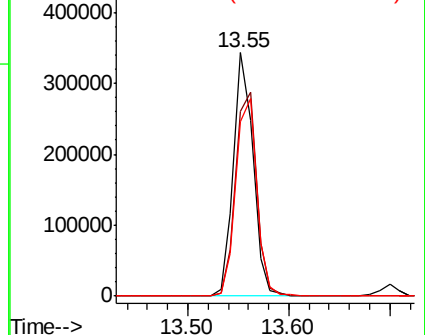
176 71.5 0.0 159.2

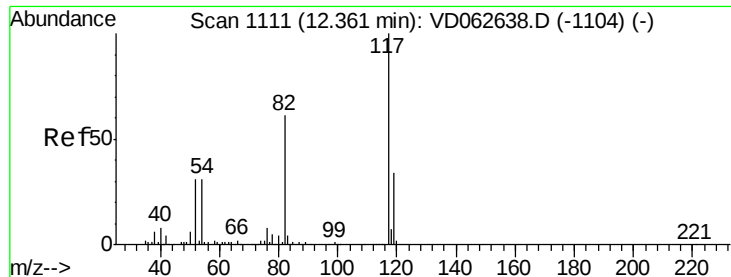


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

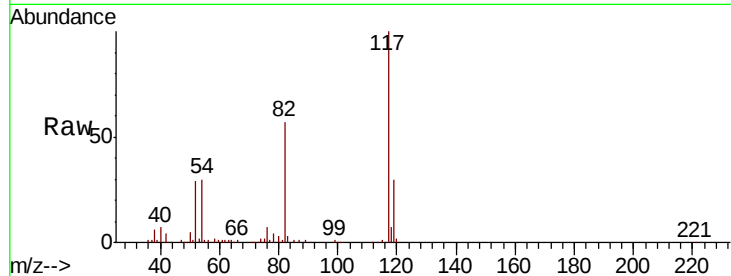




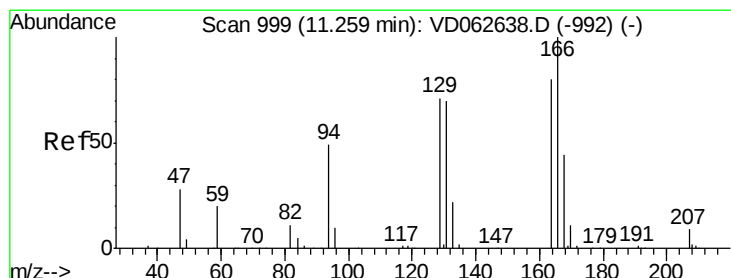
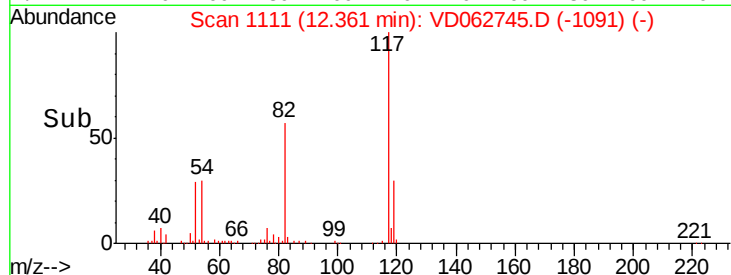
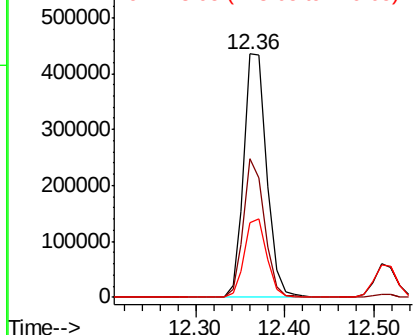
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:117 Resp: 779532  
Ion Ratio Lower Upper  
117 100  
82 56.8 48.7 73.1  
119 30.5 27.0 40.6

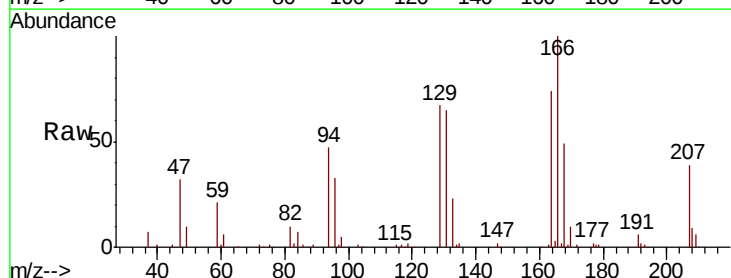


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

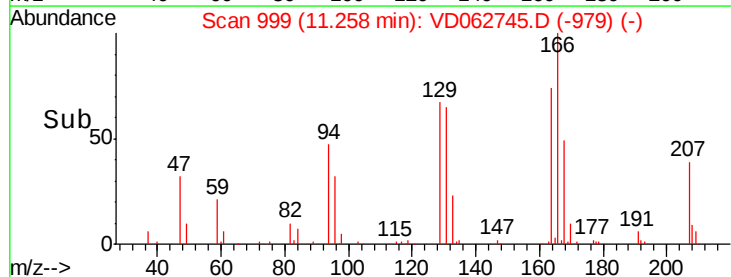
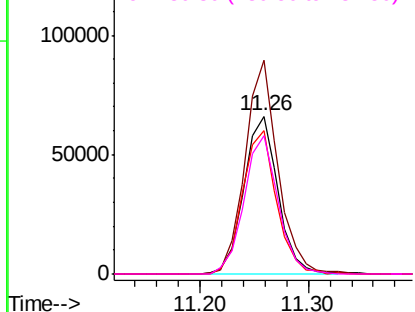


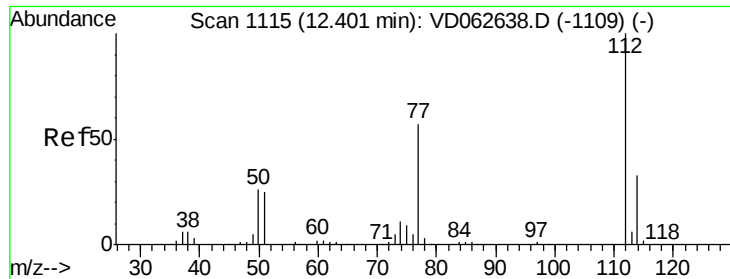
#64  
Tetrachloroethene  
Concen: 19.764 ug/l  
RT: 11.26 min Scan# 999  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Tgt Ion:164 Resp: 144222  
Ion Ratio Lower Upper  
164 100  
166 135.5 99.4 149.2  
129 91.1 70.2 105.4  
131 87.9 69.3 103.9



Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.85 (165.55 to 166.55): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.744 ug/l

RT: 12.40 min Scan# 1115

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

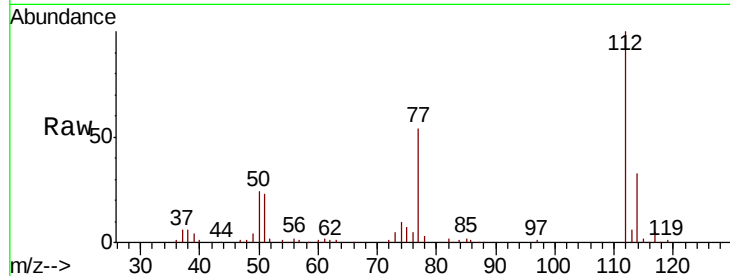
ClientSampleId :

Tot Ion:112 Resp: 340447

Ion Ratio Lower Upper

112 100

114 32.6 26.3 39.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V

12.40

250000

200000

150000

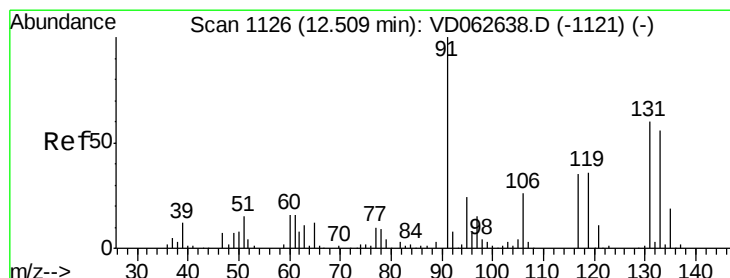
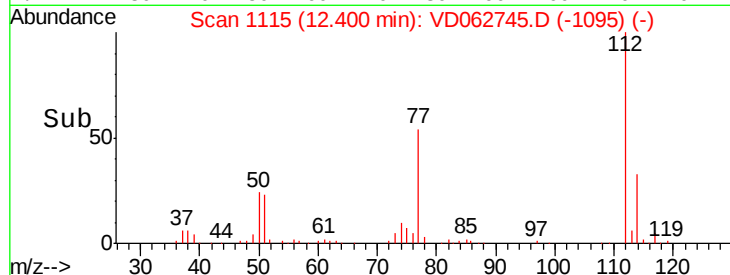
100000

50000

0

Time-->

12.30 12.40 12.50



#66

1,1,1,2-Tetrachloroethane

Concen: 20.111 ug/l

RT: 12.51 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

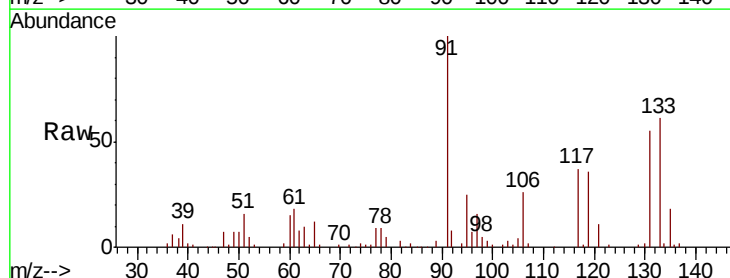
Tgt Ion:131 Resp: 165391

Ion Ratio Lower Upper

131 100

133 109.9 46.8 140.3

119 65.5 29.9 89.8



Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.85 (118.55 to 119.55): V

12.51

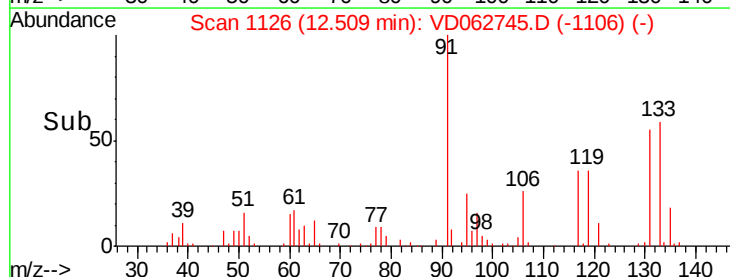
100000

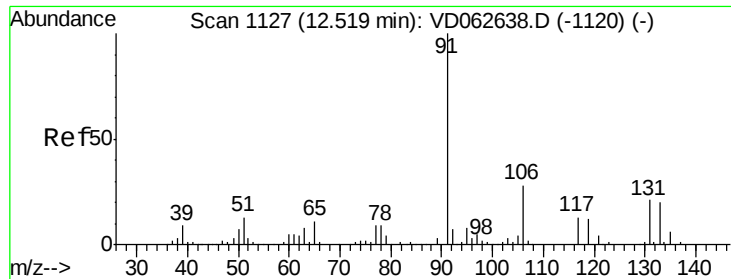
50000

0

Time-->

12.40 12.50 12.60

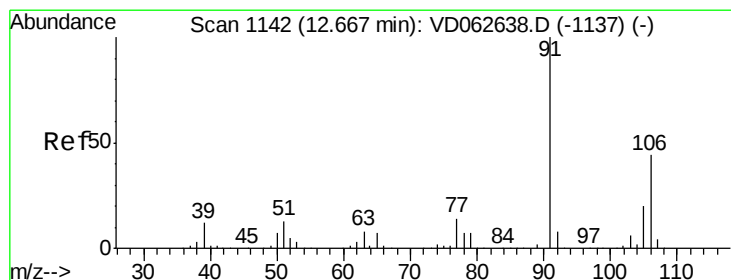
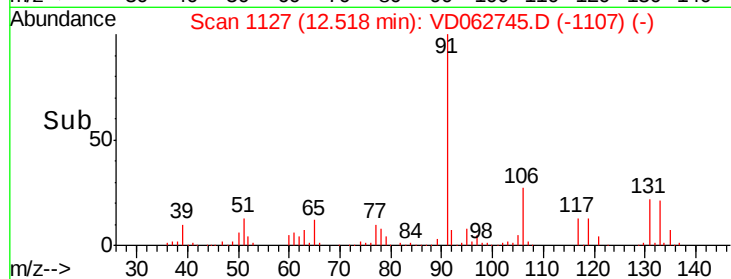
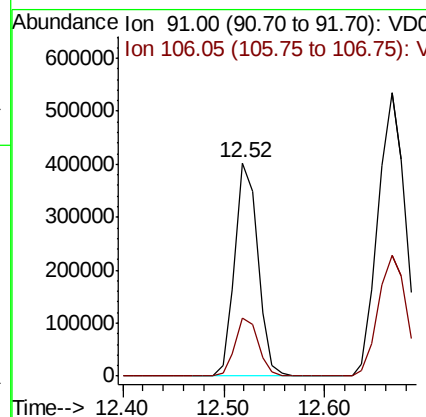
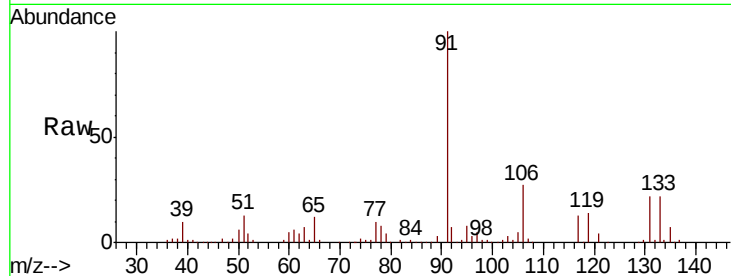




#67  
Ethyl Benzene  
Concen: 21.068 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

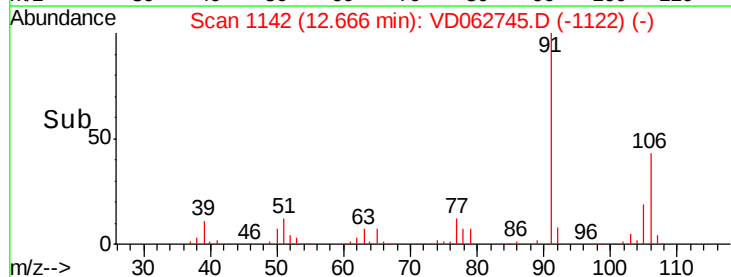
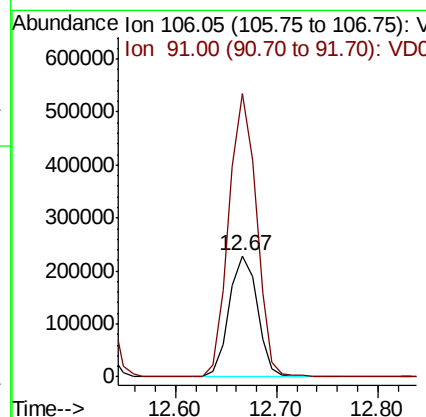
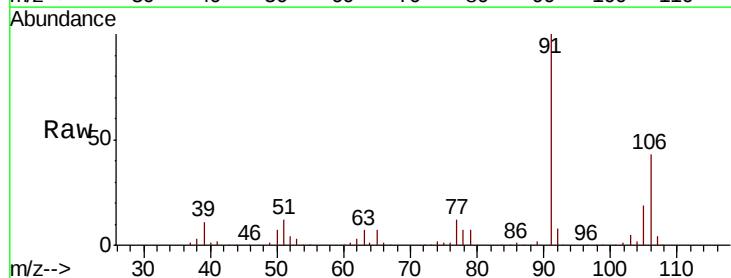
Instrument :  
MSVOA\_D  
ClientSampleID :

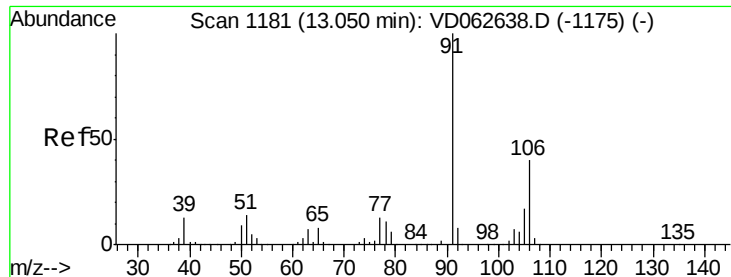
Tot Ion: 91 Resp: 644075  
Ion Ratio Lower Upper  
91 100  
106 27.5 22.1 33.1



#68  
m/p-Xylenes  
Concen: 41.497 ug/l  
RT: 12.67 min Scan# 1142  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Tgt Ion: 106 Resp: 445998  
Ion Ratio Lower Upper  
106 100  
91 233.9 180.2 270.4

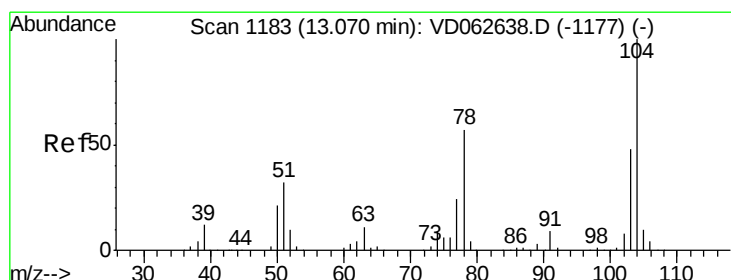
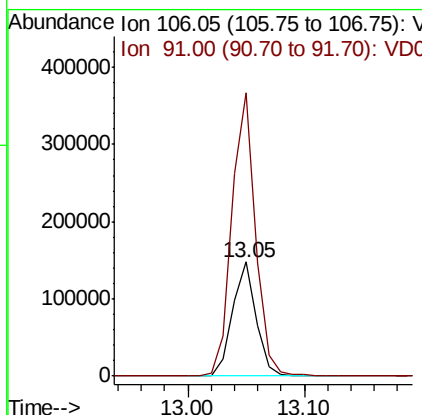
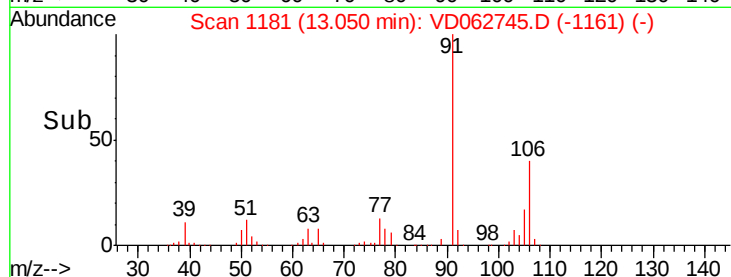
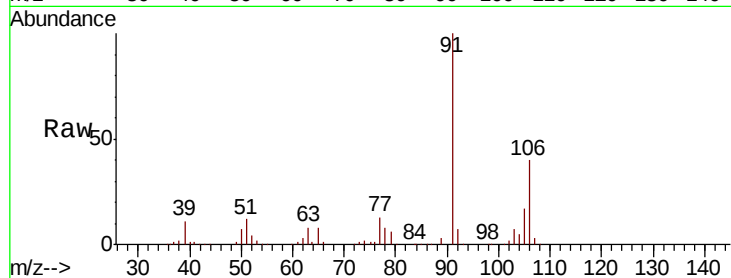




#69  
o-Xylene  
Concen: 21.117 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

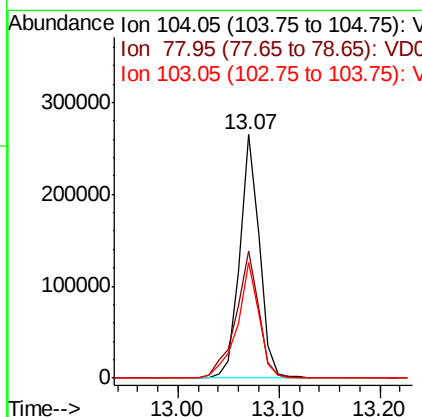
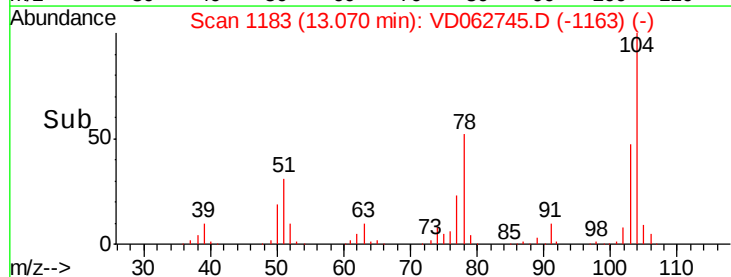
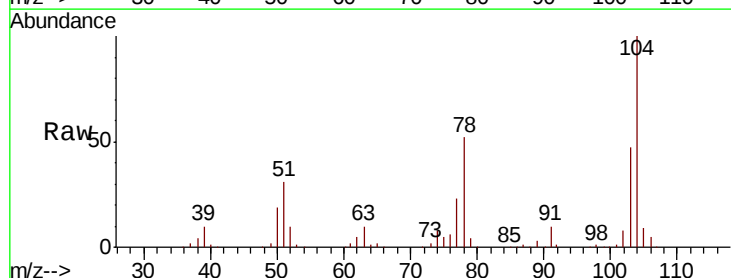
Instrument :  
MSVOA\_D  
ClientSampled :

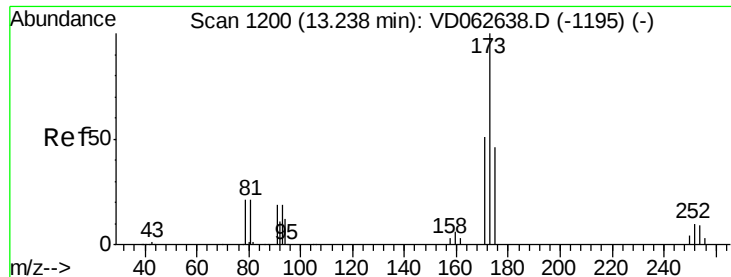
Tot Ion:106 Resp: 208440  
Ion Ratio Lower Upper  
106 100  
91 248.0 124.1 372.1



#70  
Styrene  
Concen: 20.309 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Tgt Ion:104 Resp: 357681  
Ion Ratio Lower Upper  
104 100  
78 52.4 45.9 68.9  
103 47.5 38.4 57.6





#71

Bromoform

Concen: 20.111 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

ClientSampled :

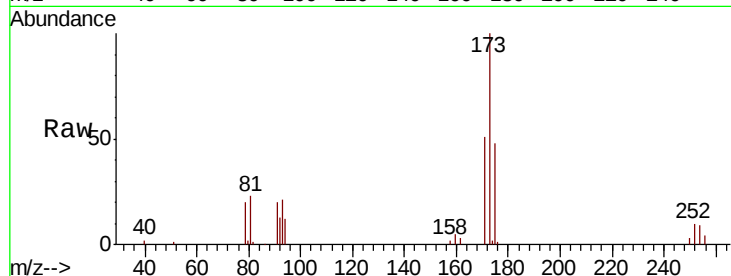
Tot Ion:173 Resp: 115555

Ion Ratio Lower Upper

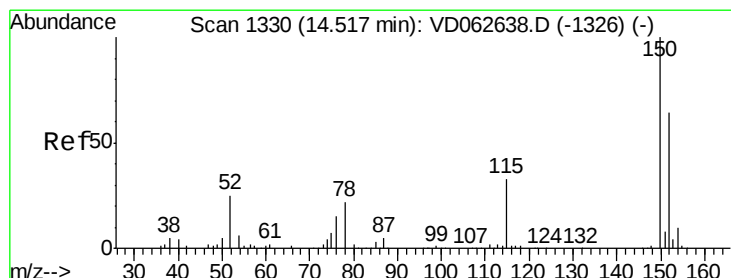
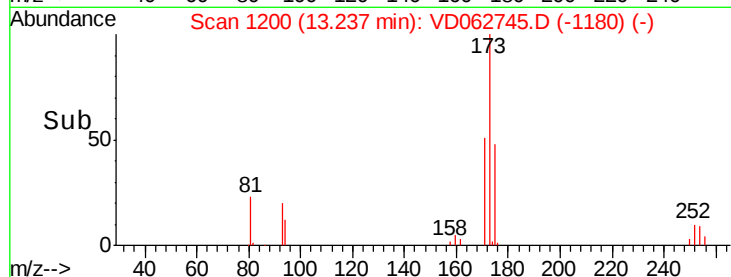
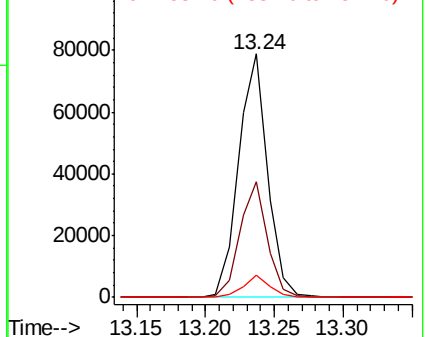
173 100

175 47.6 22.9 68.7

254 8.9 7.0 10.4



Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

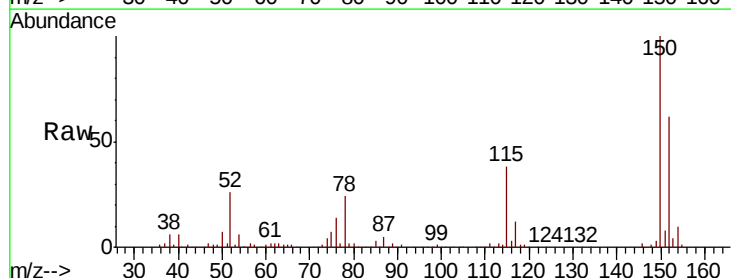
Tgt Ion:152 Resp: 408478

Ion Ratio Lower Upper

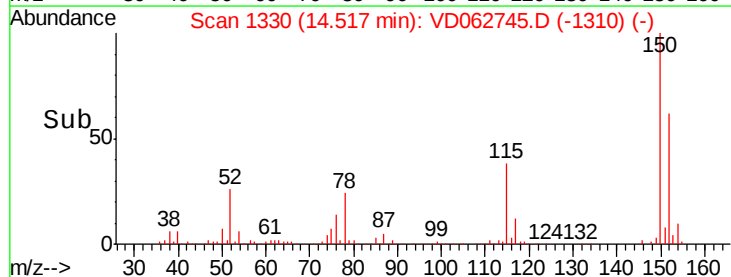
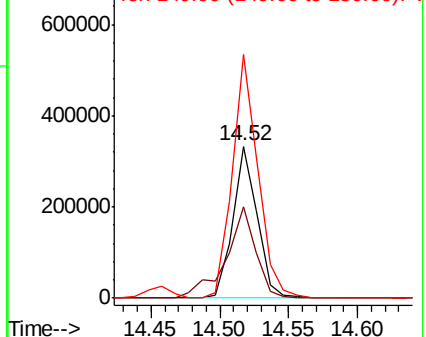
152 100

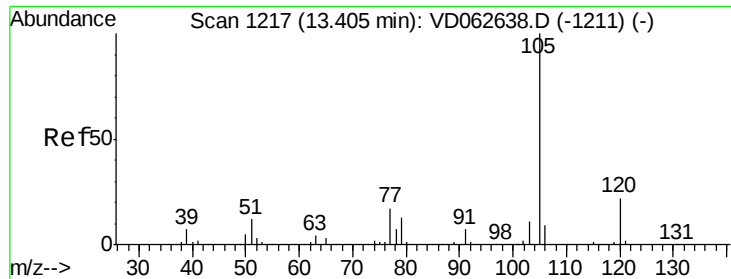
115 60.3 30.1 90.5

150 160.5 0.0 314.0



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.475 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

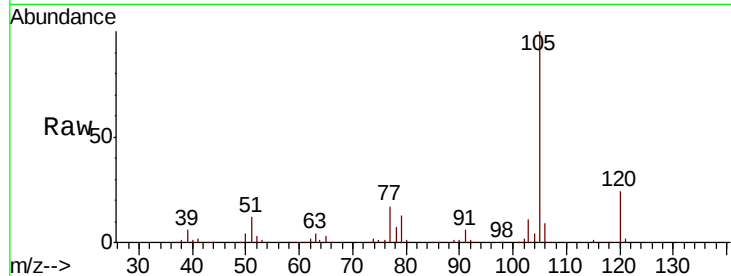
ClientSampled :

Tot Ion:105 Resp: 647085

Ion Ratio Lower Upper

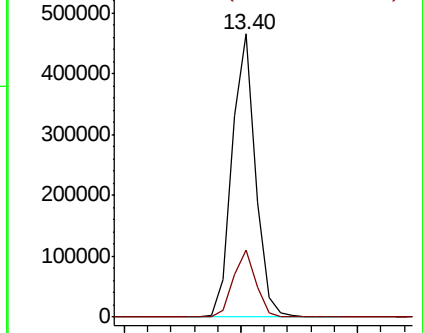
105 100

120 23.6 10.9 32.7

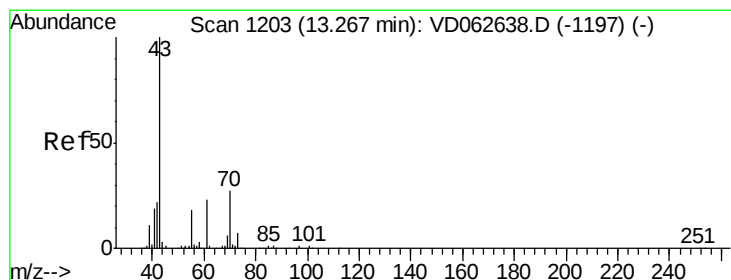
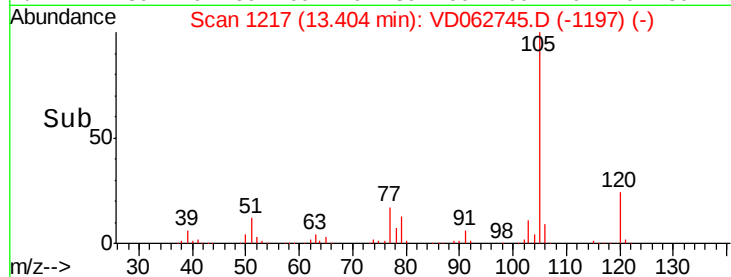


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 20.233 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Tgt Ion: 43 Resp: 157432

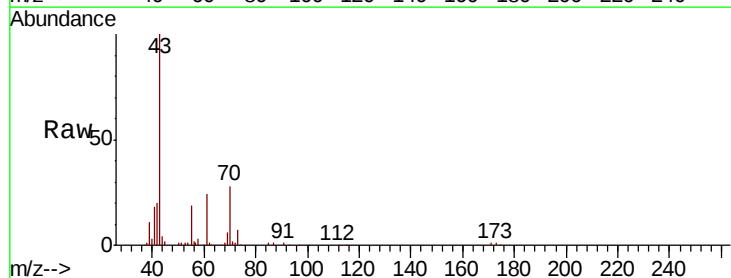
Ion Ratio Lower Upper

43 100

70 27.7 21.8 32.8

55 19.3 14.6 21.8

61 24.0 18.4 27.6

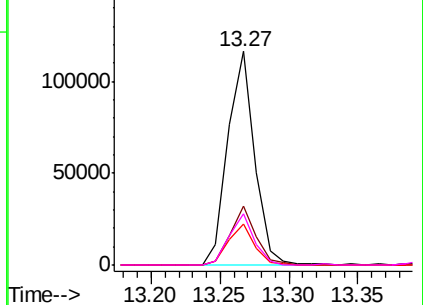


Abundance Ion 42.95 (42.65 to 43.65): VDC

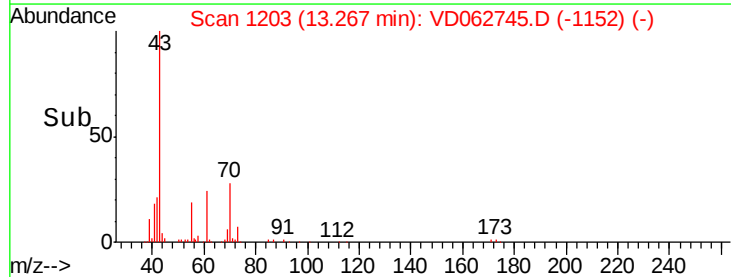
Ion 70.00 (69.70 to 70.70): VDC

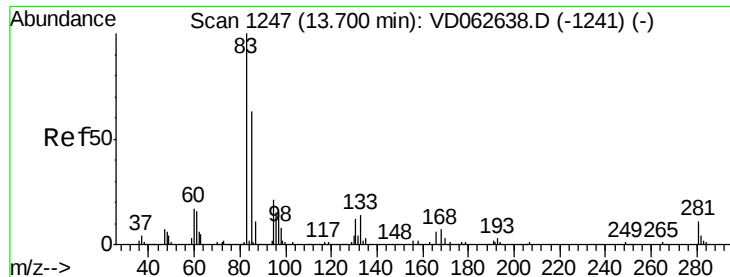
Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



Time--> 13.20 13.25 13.30 13.35





#75

1,1,2,2-Tetrachloroethane

Concen: 21.339 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

ClientSampled :

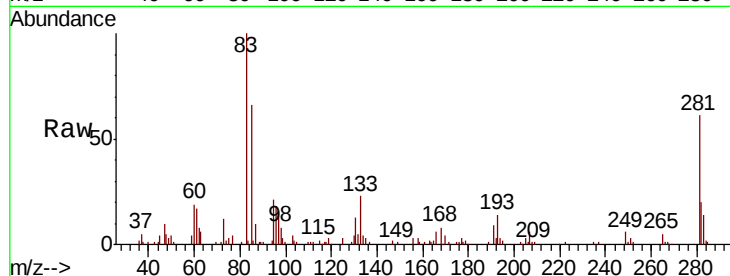
Tot Ion: 83 Resp: 105128

Ion Ratio Lower Upper

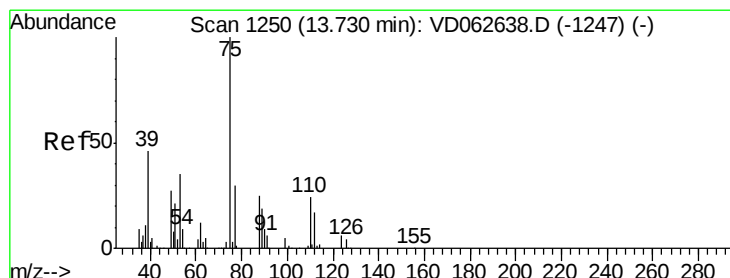
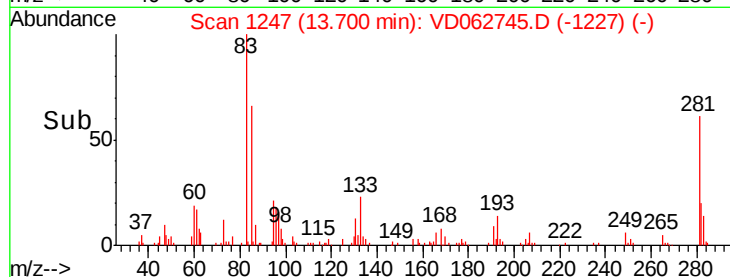
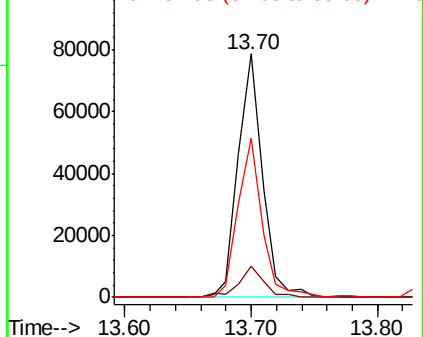
83 100

131 12.9 5.9 17.7

85 65.6 31.3 93.9



Abundance Ion 82.95 (82.65 to 83.65): VDC  
Ion 130.90 (130.60 to 131.60): VDC  
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 22.009 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD062745.D

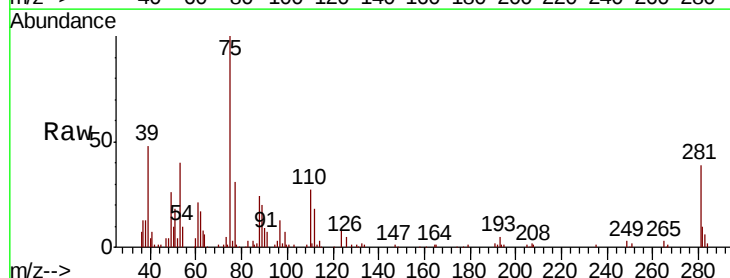
Acq: 18 Jun 2019 13:15

Tgt Ion: 75 Resp: 121900

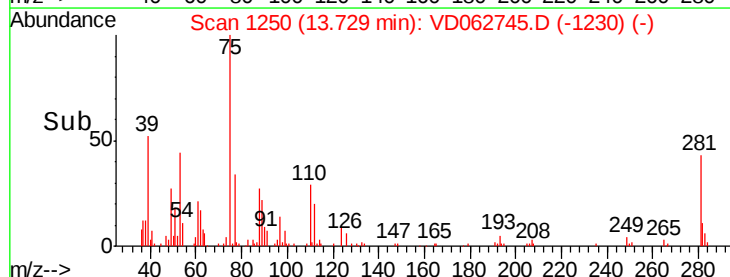
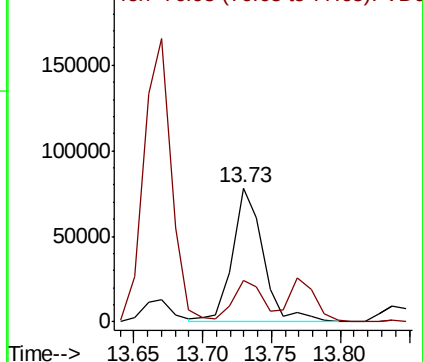
Ion Ratio Lower Upper

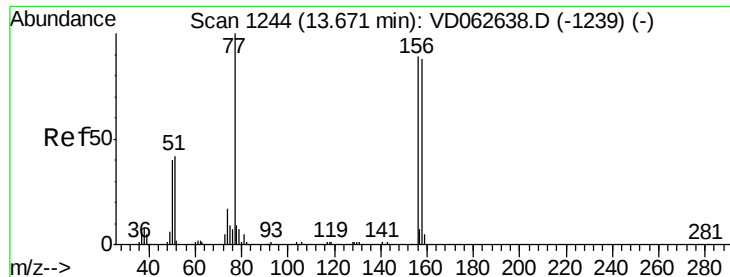
75 100

77 30.7 16.2 48.6



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 21.872 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

ClientSampleId :

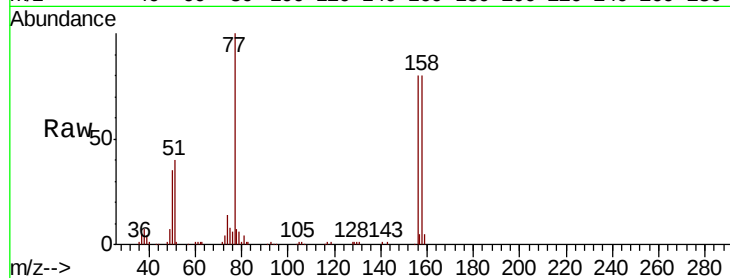
Tot Ion:156 Resp: 179992

Ion Ratio Lower Upper

156 100

77 125.1 56.3 168.8

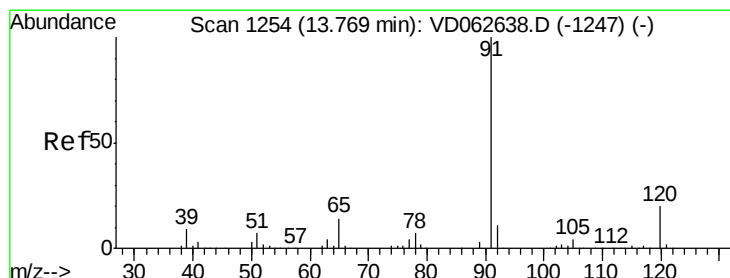
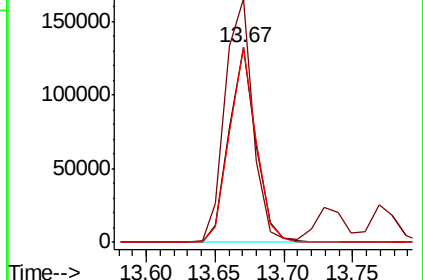
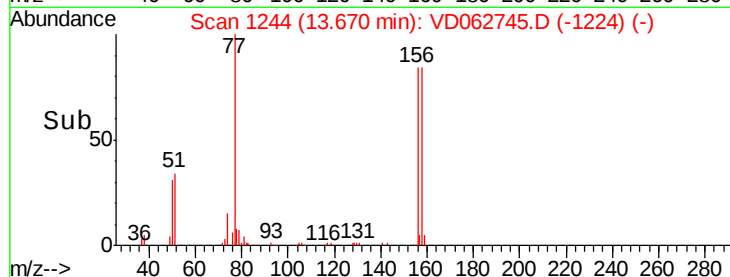
158 100.0 49.6 148.8



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 21.102 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD062745.D

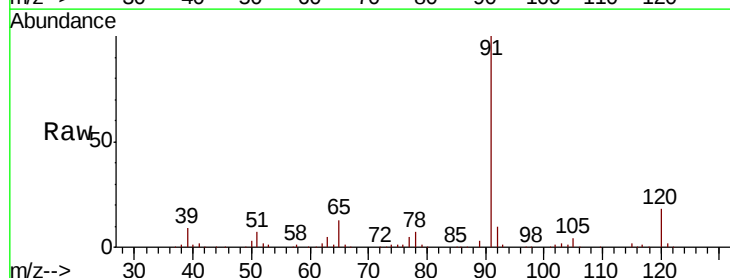
Acq: 18 Jun 2019 13:15

Tgt Ion: 91 Resp: 743681

Ion Ratio Lower Upper

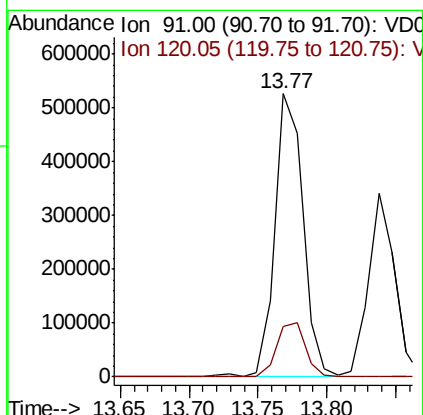
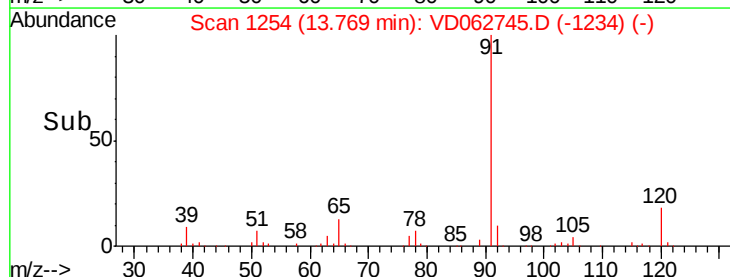
91 100

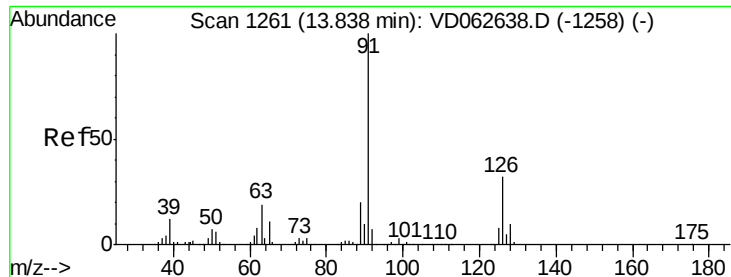
120 17.6 9.8 29.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 21.841 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

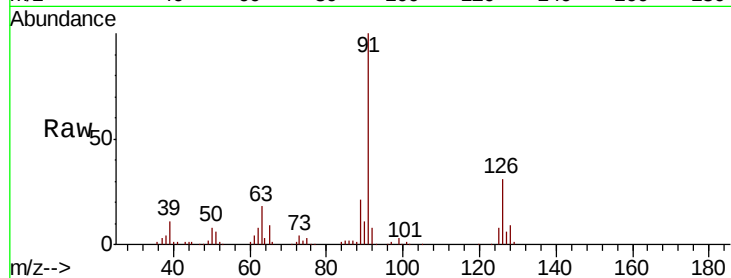
ClientSampled :

Tot Ion: 91 Resp: 450695

Ion Ratio Lower Upper

91 100

126 31.4 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VD062638.D (-1258) (-)

Ion 125.95 (125.65 to 126.65): VD062638.D (-1258) (-)

600000

500000

400000

300000

200000

100000

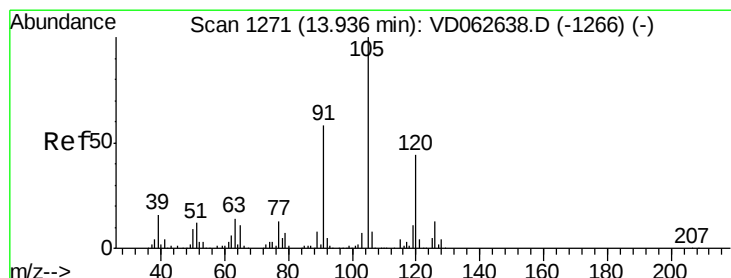
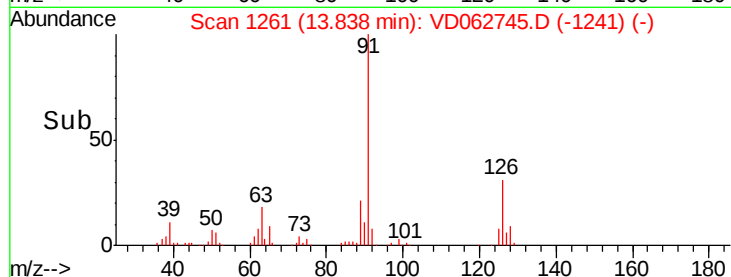
0

13.80

13.85

13.90

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.873 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VD062745.D

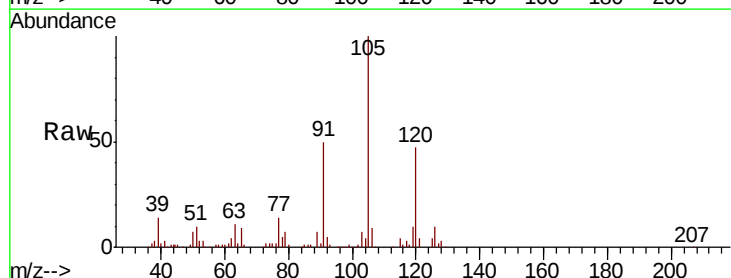
Acq: 18 Jun 2019 13:15

Tgt Ion:105 Resp: 556565

Ion Ratio Lower Upper

105 100

120 46.9 22.1 66.5



Abundance Ion 105.05 (104.75 to 105.75): VD062638.D (-1266) (-)

Ion 120.05 (119.75 to 120.75): VD062638.D (-1266) (-)

500000

400000

300000

200000

100000

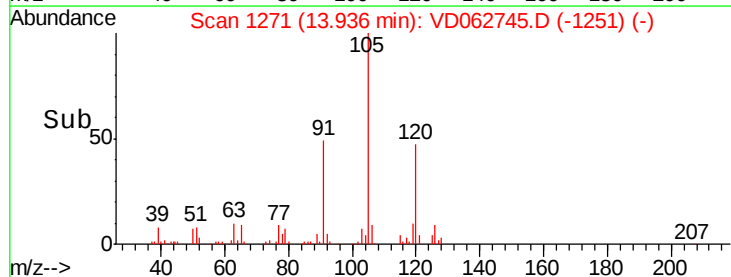
0

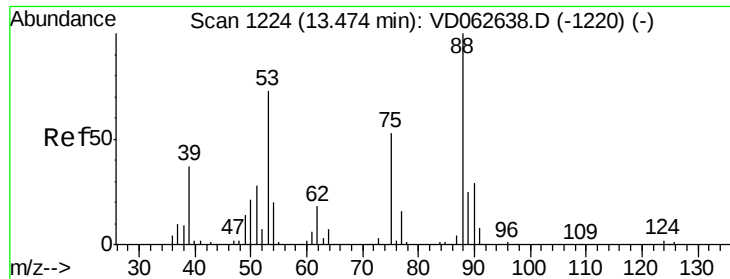
13.90

13.94

14.00

Time-->

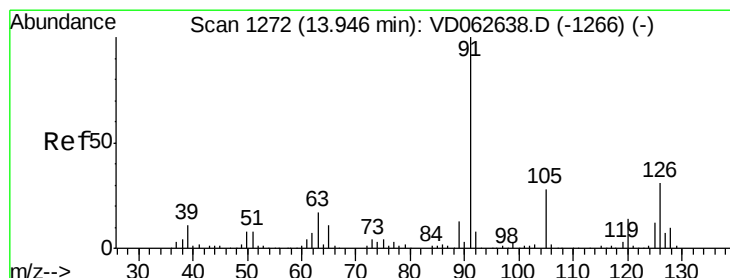
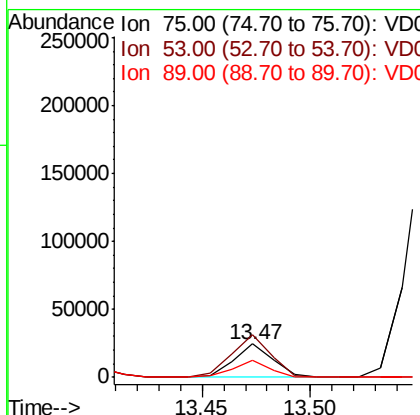
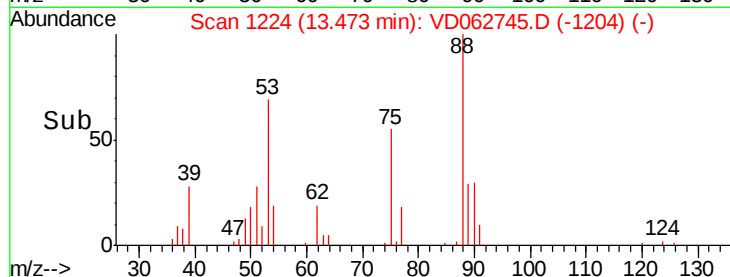
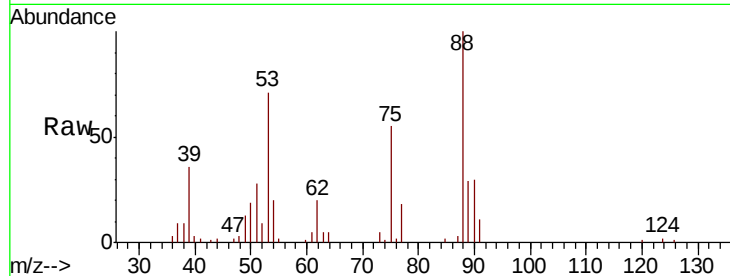




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.310 ug/l  
RT: 13.47 min Scan# 1224  
Delta R.T. 0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

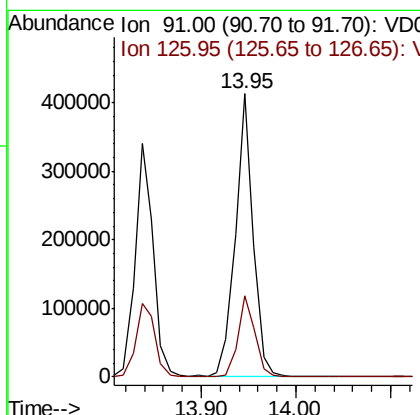
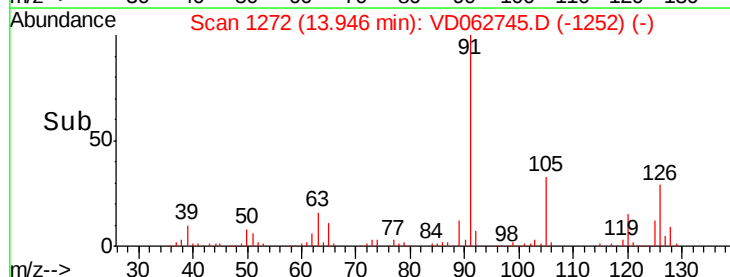
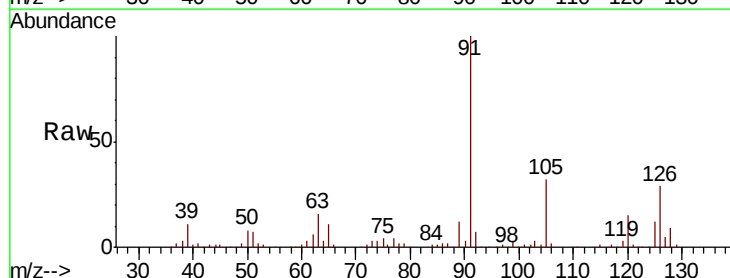
Instrument :  
MSVOA\_D  
ClientSampleId :

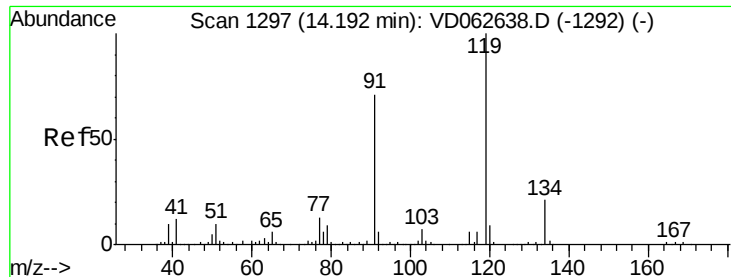
Tot Ion: 75 Resp: 31021  
Ion Ratio Lower Upper  
75 100  
53 128.8 109.4 164.2  
89 52.4 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 21.755 ug/l  
RT: 13.95 min Scan# 1272  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Tgt Ion: 91 Resp: 536846  
Ion Ratio Lower Upper  
91 100  
126 28.6 15.6 46.8





#83

tert-Butylbenzene

Concen: 23.096 ug/l

RT: 14.19 min Scan# 1297

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

ClientSampleId :

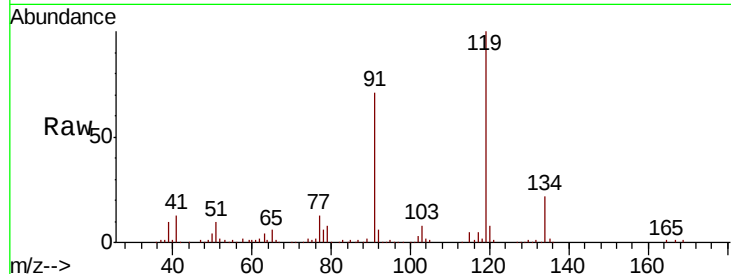
Tot Ion:119 Resp: 648197

Ion Ratio Lower Upper

119 100

91 71.1 35.4 106.1

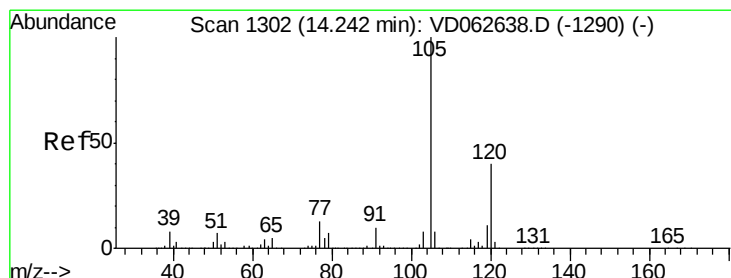
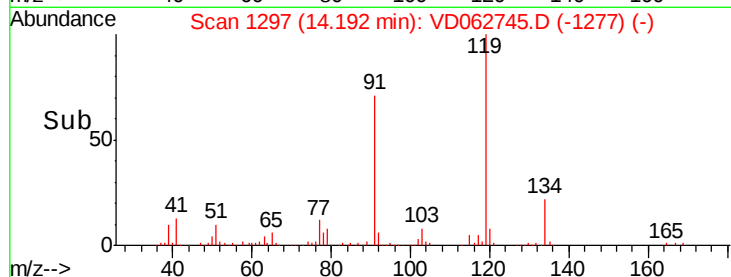
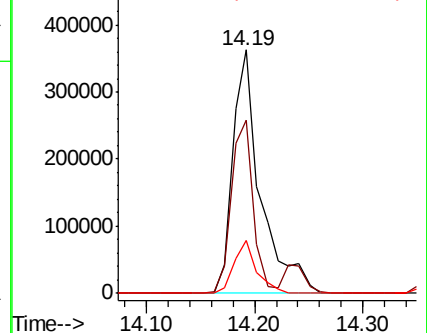
134 21.6 10.8 32.3



Abundance Ion 119.05 (118.75 to 119.75): 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: 21.021 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VD062745.D

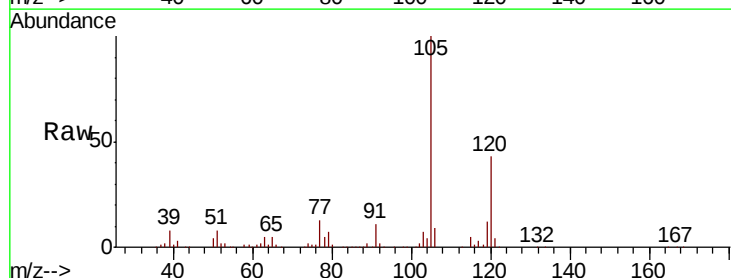
Acq: 18 Jun 2019 13:15

Tgt Ion:105 Resp: 529604

Ion Ratio Lower Upper

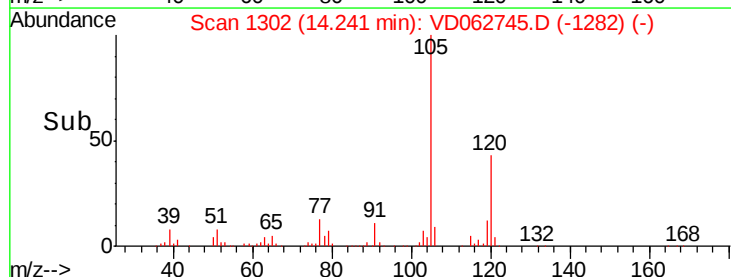
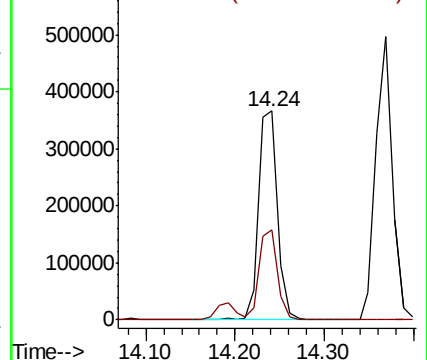
105 100

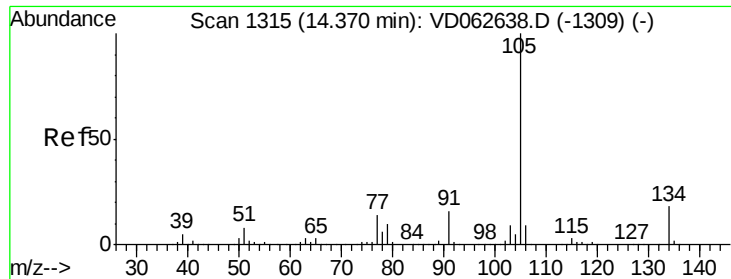
120 43.3 20.3 60.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

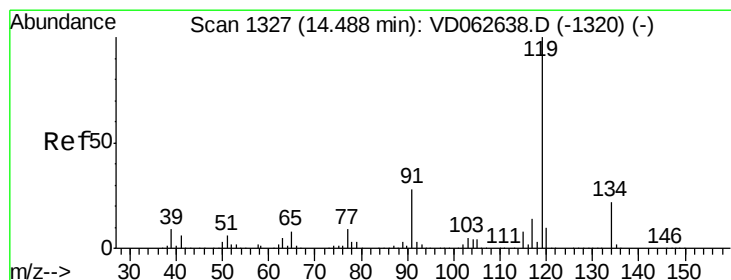
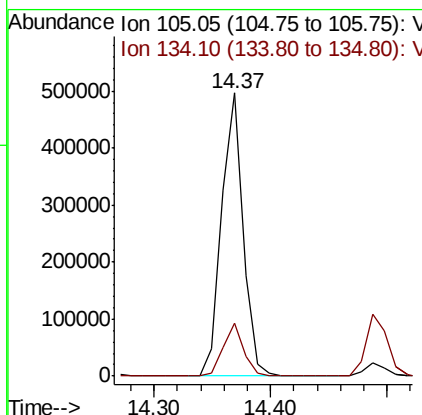
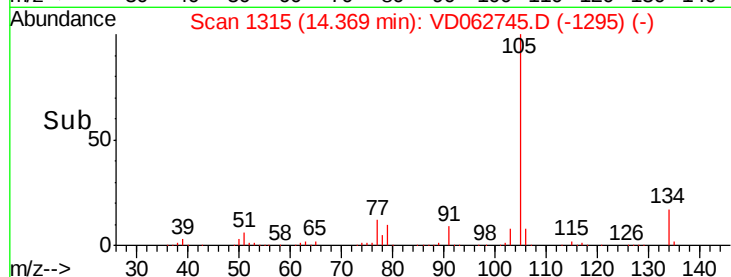
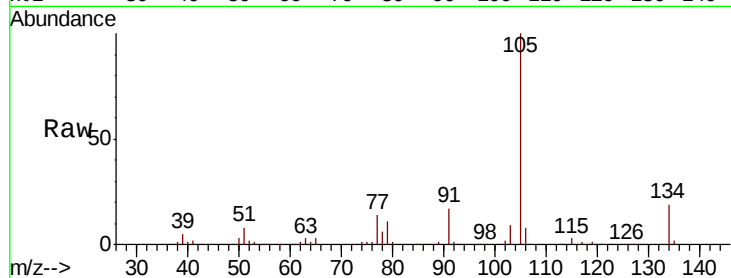




#85  
 sec-Butylbenzene  
 Concen: 21.642 ug/l  
 RT: 14.37 min Scan# 1315  
 Delta R.T. -0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

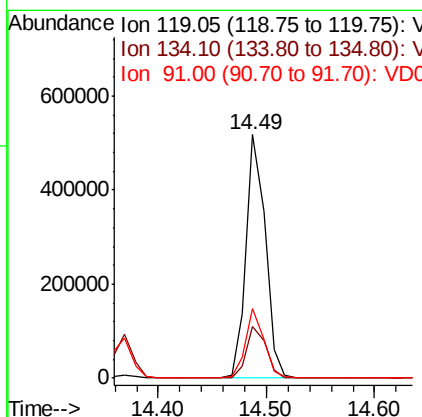
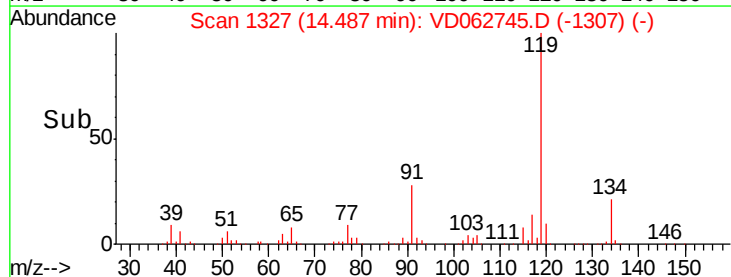
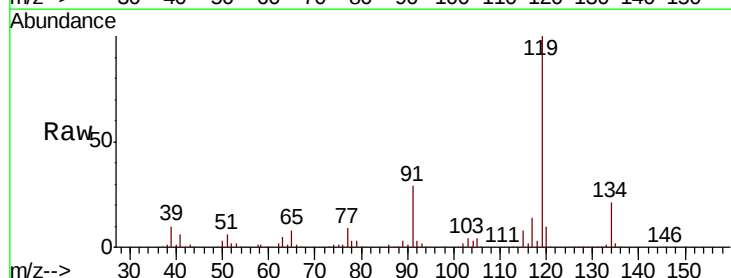
Instrument :  
 MSVOA\_D  
 ClientSampleID :

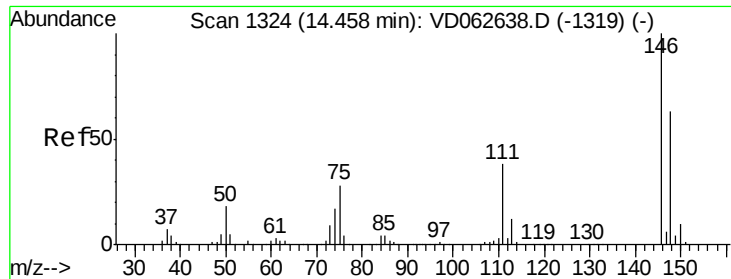
Tot Ion:105 Resp: 636912  
 Ion Ratio Lower Upper  
 105 100  
 134 18.8 8.8 26.2



#86  
 p-Isopropyltoluene  
 Concen: 22.524 ug/l  
 RT: 14.49 min Scan# 1327  
 Delta R.T. -0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

Tgt Ion:119 Resp: 645376  
 Ion Ratio Lower Upper  
 119 100  
 134 21.0 10.9 32.6  
 91 28.6 13.9 41.6

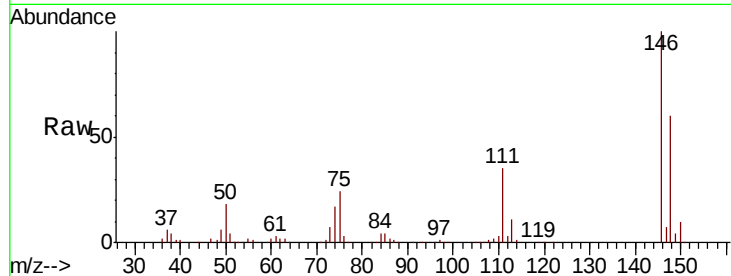




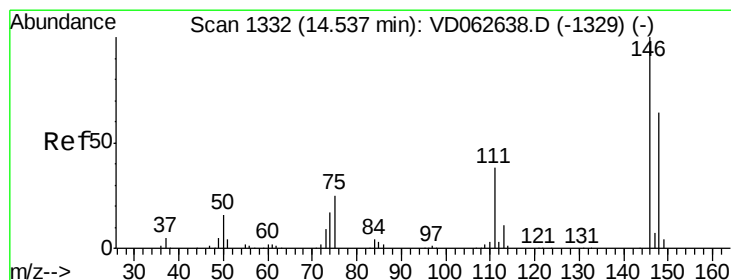
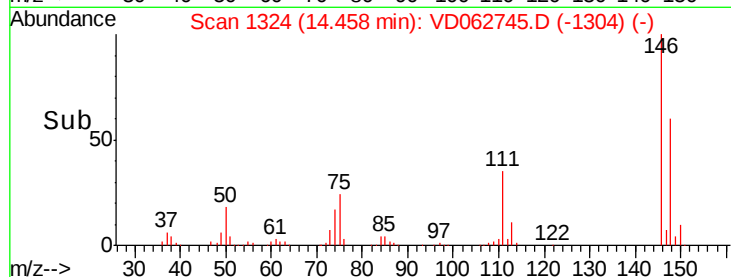
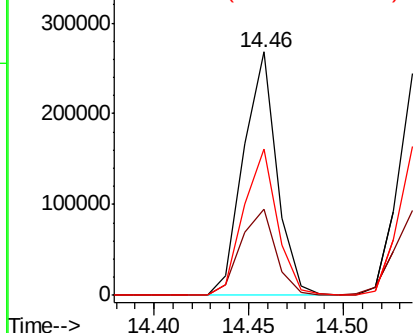
#87  
 1,3-Dichlorobenzene  
 Concen: 21.987 ug/l  
 RT: 14.46 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:146 Resp: 327782  
 Ion Ratio Lower Upper  
 146 100  
 111 35.2 19.2 57.6  
 148 60.0 31.6 95.0

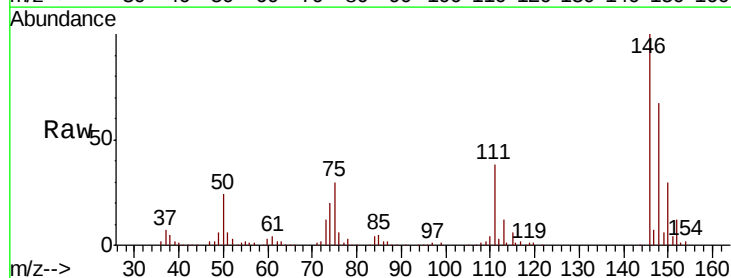


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

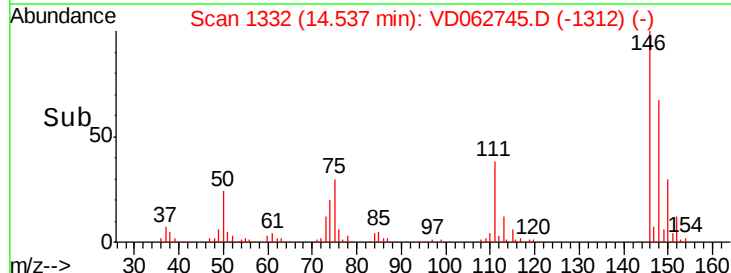
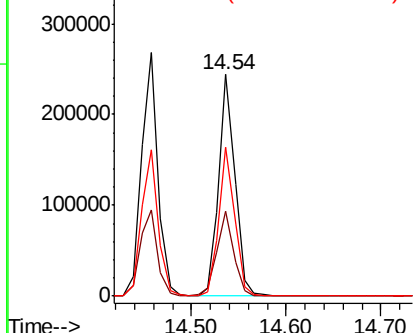


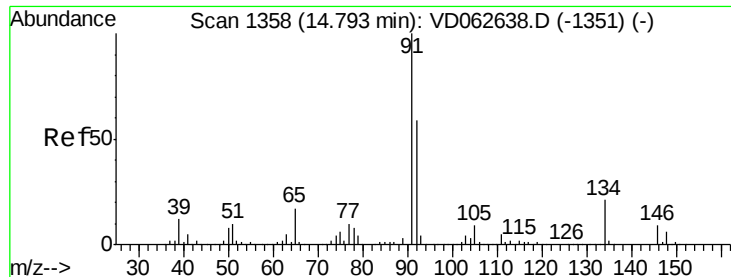
#88  
 1,4-Dichlorobenzene  
 Concen: 20.737 ug/l  
 RT: 14.54 min Scan# 1332  
 Delta R.T. -0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

Tgt Ion:146 Resp: 292164  
 Ion Ratio Lower Upper  
 146 100  
 111 38.2 18.9 56.7  
 148 66.9 32.3 96.8



Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.565 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.01 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA\_D

ClientSampled :

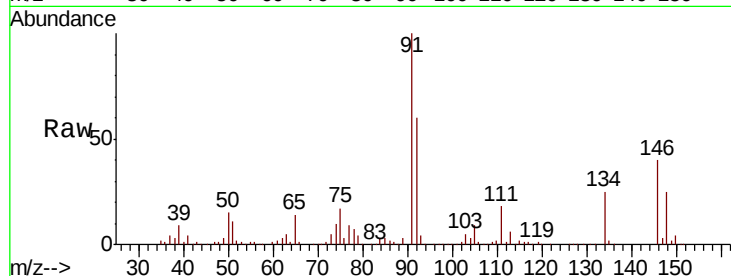
Tot Ion: 91 Resp: 555884

Ion Ratio Lower Upper

91 100

92 59.9 29.4 88.3

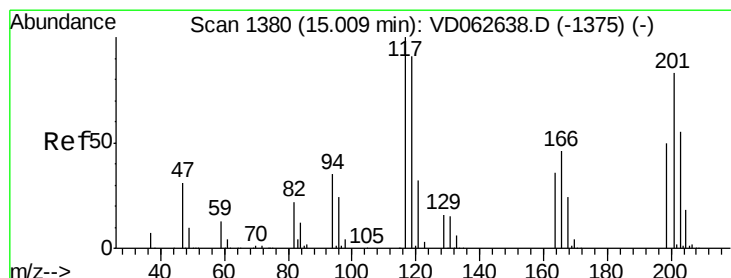
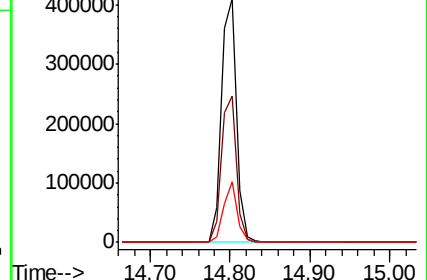
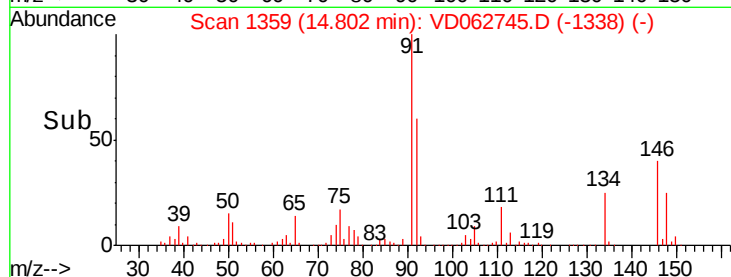
134 24.7 10.4 31.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 21.389 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VD062745.D

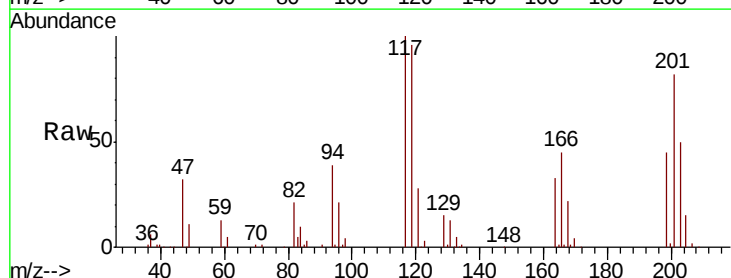
Acq: 18 Jun 2019 13:15

Tgt Ion: 117 Resp: 161793

Ion Ratio Lower Upper

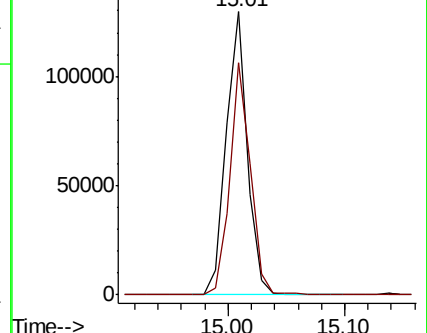
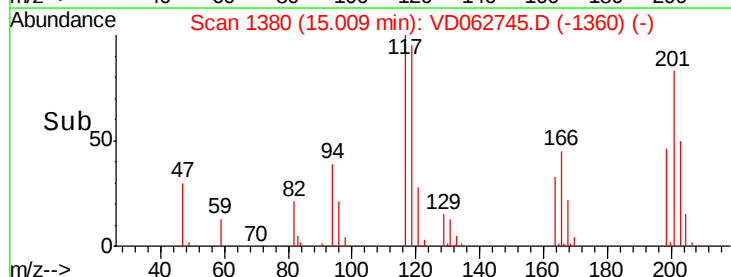
117 100

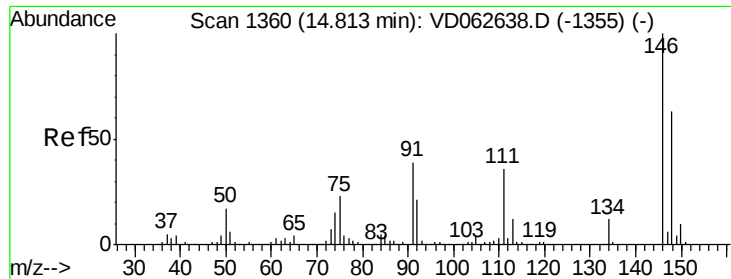
201 82.1 41.5 124.6



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

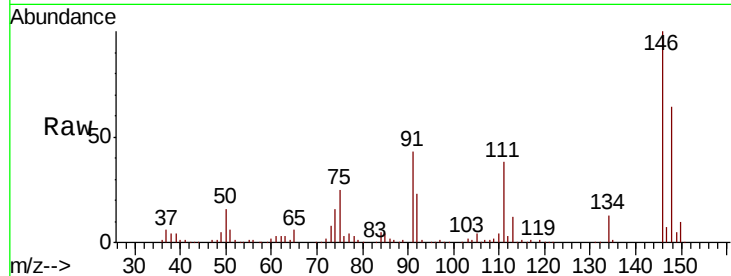




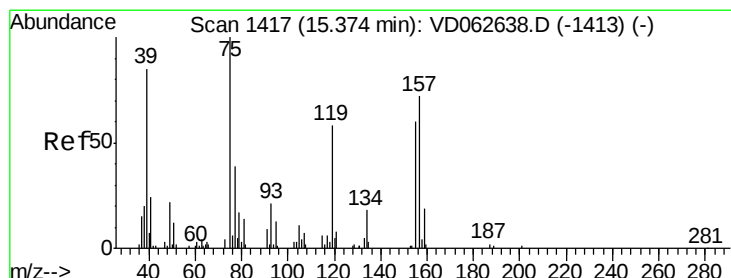
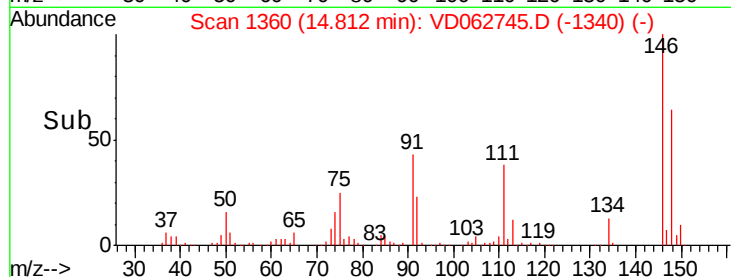
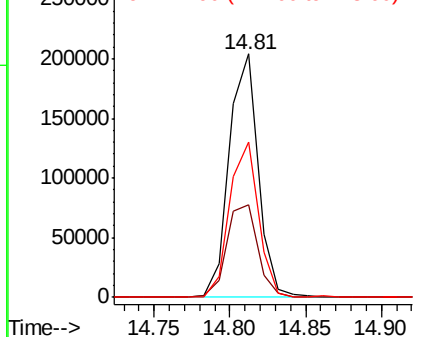
#91  
 1,2-Dichlorobenzene  
 Concen: 21.913 ug/l  
 RT: 14.81 min Scan# 1360  
 Delta R.T. -0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:146 Resp: 271550  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 18.1 54.3  
 148 64.0 31.4 94.0

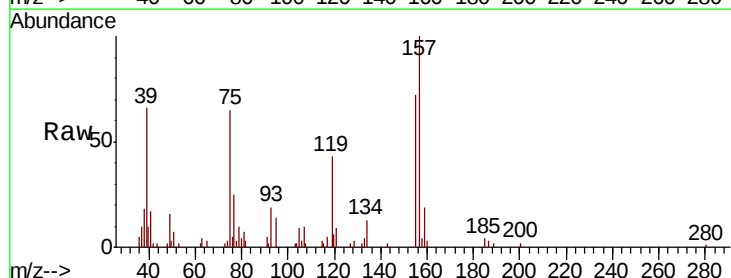


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

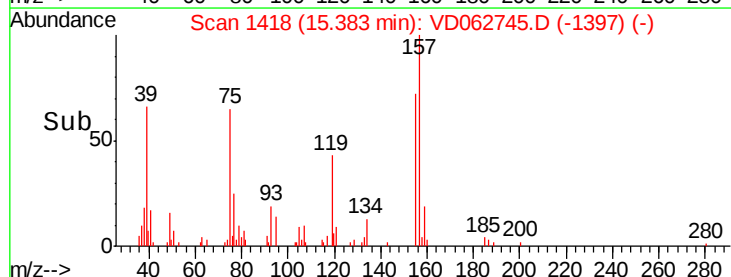
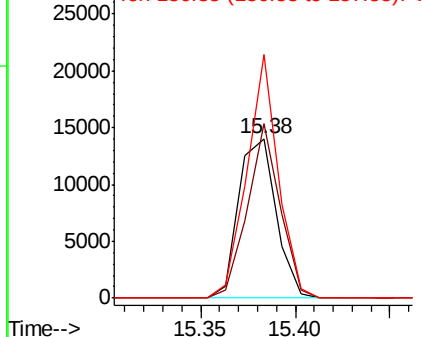


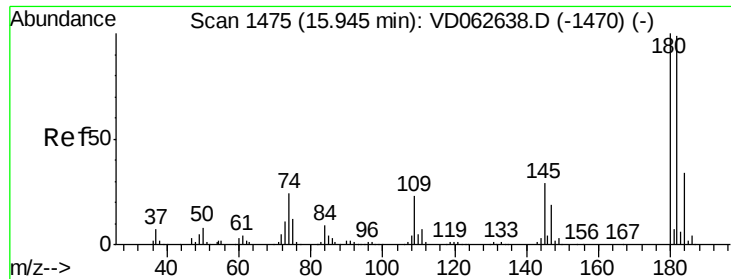
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.348 ug/l  
 RT: 15.38 min Scan# 1418  
 Delta R.T. 0.01 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

Tgt Ion: 75 Resp: 19308  
 Ion Ratio Lower Upper  
 75 100  
 155 109.3 30.1 90.5#  
 157 152.9 35.9 107.8#



Abundance Ion 75.00 (74.70 to 75.70): V  
 Ion 154.90 (154.60 to 155.60): V  
 Ion 156.85 (156.55 to 157.55): V

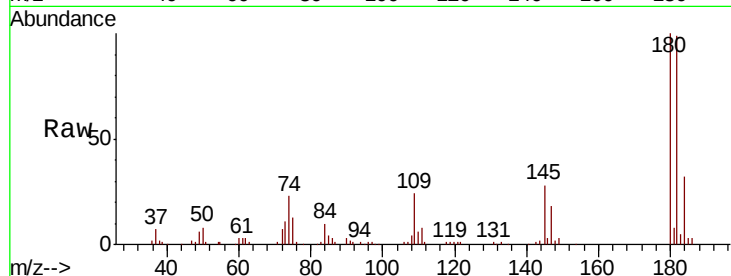




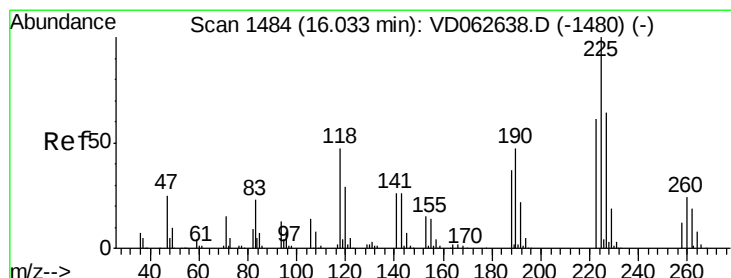
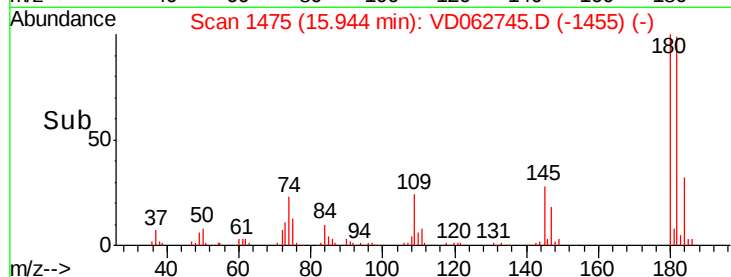
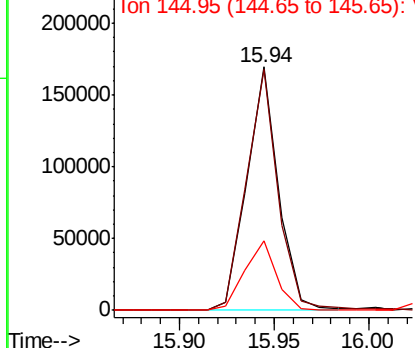
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.830 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. 0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

Instrument :  
 MSVOA\_D  
 ClientSampled :

Tot Ion:180 Resp: 195408  
 Ion Ratio Lower Upper  
 180 100  
 182 99.0 49.4 148.2  
 145 28.4 14.5 43.6

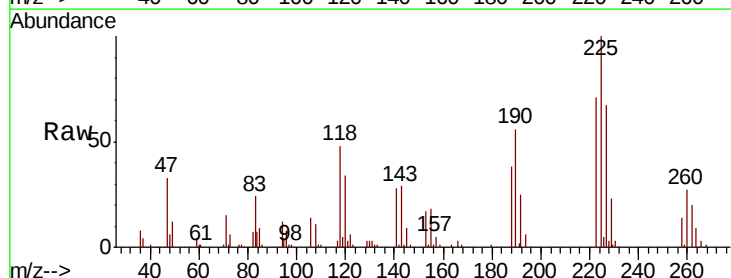


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

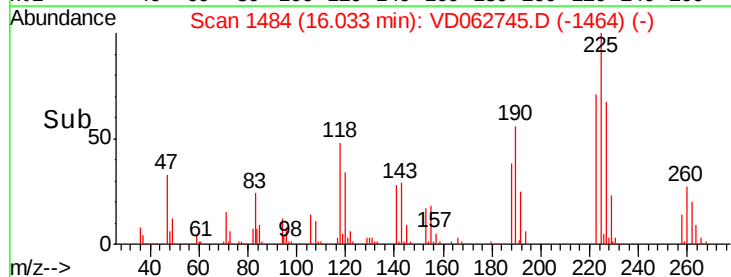
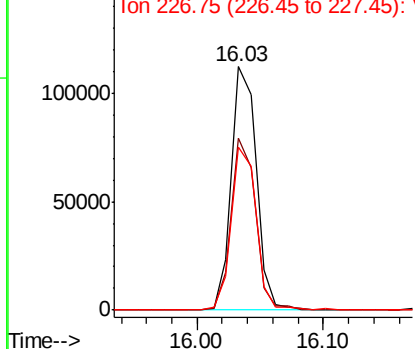


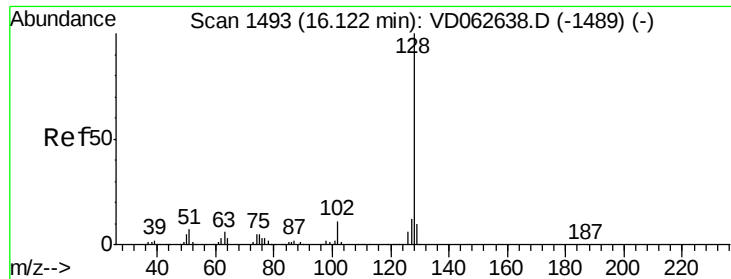
#94  
 Hexachlorobutadiene  
 Concen: 20.952 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. -0.00 min  
 Lab File: VD062745.D  
 Acq: 18 Jun 2019 13:15

Tgt Ion:225 Resp: 153298  
 Ion Ratio Lower Upper  
 225 100  
 223 70.7 30.3 91.0  
 227 66.8 31.8 95.4



Abundance Ion 224.75 (224.45 to 225.45): V  
 Ion 222.75 (222.45 to 223.45): V  
 Ion 226.75 (226.45 to 227.45): V

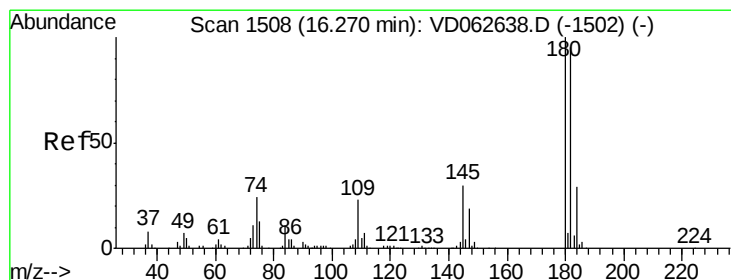
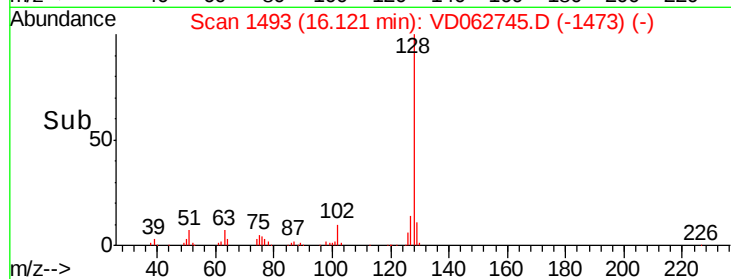
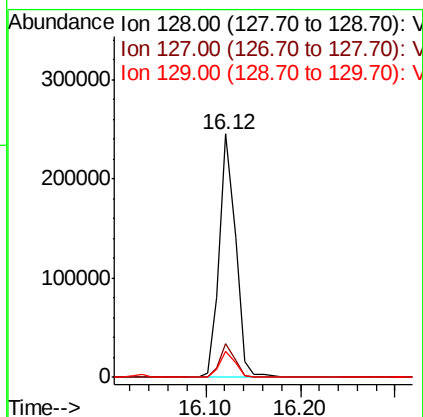
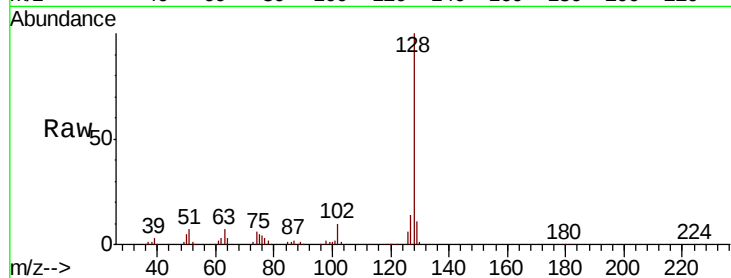




#95  
Naphthalene  
Concen: 21.957 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:128 Resp: 294633  
Ion Ratio Lower Upper  
128 100  
127 13.8 9.7 14.5  
129 10.9 8.1 12.1



#96  
1,2,3-Trichlorobenzene  
Concen: 22.572 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. -0.00 min  
Lab File: VD062745.D  
Acq: 18 Jun 2019 13:15

Tgt Ion:180 Resp: 161113  
Ion Ratio Lower Upper  
180 100  
182 90.8 47.7 143.1  
145 30.2 15.0 45.0

