

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\  
 Data File : VD062080.D  
 Acq On : 30 Apr 2019 00:22  
 Operator : FY/SY  
 Sample : VSTDCCC050EC  
 Misc : 5.00µm/5mL/MSVOA D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 30 01:13:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D042319S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 23 14:52:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.02  | 168  | 491010   | 50.00 | ug/l  | -0.03    |
| 34) 1,4-Difluorobenzene    | 8.19  | 114  | 782171   | 50.00 | ug/l  | -0.03    |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 694307   | 50.00 | ug/l  | -0.01    |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152  | 303458   | 50.00 | ug/l  | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.44  | 65   | 214378   | 55.79 | ug/l    | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 111.58% |          |
| 35) Dibromofluoromethane    | 6.90  | 113  | 314972   | 58.23 | ug/l    | -0.03    |
| Spiked Amount               |       |      | Recovery | =     | 116.46% |          |
| 50) Toluene-d8              | 10.39 | 98   | 755661   | 58.71 | ug/l    | -0.03    |
| Spiked Amount               |       |      | Recovery | =     | 117.42% |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 321287   | 62.23 | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 124.46% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85   | 211564   | 48.254  | ug/l   | 96     |
| 3) Chloromethane              | 1.75 | 50   | 163651   | 43.917  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.84 | 62   | 159431   | 47.204  | ug/l   | 100    |
| 5) Bromomethane               | 2.15 | 94   | 55753    | 67.746  | ug/l   | 99     |
| 6) Chloroethane               | 2.26 | 64   | 69498    | 56.924  | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 2.52 | 101  | 271572   | 53.179  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.86 | 74   | 77969    | 56.967  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101  | 227931   | 48.452  | ug/l   | 99     |
| 10) Methyl Iodide             | 3.29 | 142  | 344210   | 48.242  | ug/l   | 96     |
| 11) Tert butyl alcohol        | 4.04 | 59   | 61861    | 284.907 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.11 | 96   | 184002   | 45.974  | ug/l   | 96     |
| 13) Acrolein                  | 3.03 | 56   | 41758    | 185.358 | ug/l   | 96     |
| 14) Allyl chloride            | 3.61 | 41   | 269014   | 49.224  | ug/l   | 95     |
| 15) Acrylonitrile             | 4.17 | 53   | 183082   | 272.304 | ug/l   | 95     |
| 16) Acetone                   | 3.20 | 43   | 243826   | 265.729 | ug/l   | 96     |
| 17) Carbon Disulfide          | 3.37 | 76   | 500003   | 43.233  | ug/l   | 97     |
| 18) Methyl Acetate            | 3.63 | 43   | 95048    | 57.439  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 4.22 | 73   | 427865   | 53.881  | ug/l   | 96     |
| 20) Methylene Chloride        | 3.80 | 84   | 213781   | 47.712  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96   | 214092   | 46.630  | ug/l   | 99     |
| 22) Diisopropyl ether         | 5.09 | 45   | 605476   | 47.453  | ug/l   | 95     |
| 23) Vinyl Acetate             | 5.02 | 43   | 1734157  | 260.984 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 4.96 | 63   | 384147   | 49.812  | ug/l   | 99     |
| 25) 2-Butanone                | 6.05 | 43   | 283521   | 254.852 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.00 | 77   | 311715   | 46.332  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.02 | 96   | 250403   | 47.941  | ug/l   | 99     |
| 28) Bromochloromethane        | 6.41 | 49   | 158912   | 53.854  | ug/l   | 93     |
| 29) Tetrahydrofuran           | 6.43 | 42   | 145279   | 265.034 | ug/l   | 100    |
| 30) Chloroform                | 6.64 | 83   | 457176   | 52.193  | ug/l   | 100    |
| 31) Cyclohexane               | 6.93 | 56   | 252937   | 44.187  | ug/l   | 93     |
| 32) 1,1,1-Trichloroethane     | 6.85 | 97   | 397538   | 52.161  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.13 | 75   | 285625   | 46.870  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.16 | 43   | 127789   | 49.209  | ug/l # | 93     |
| 38) Carbon Tetrachloride      | 7.09 | 117  | 424036   | 54.912  | ug/l   | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\  
 Data File : VD062080.D  
 Acq On : 30 Apr 2019 00:22  
 Operator : FY/SY  
 Sample : VSTDCCC050EC  
 Misc : 5.00µm/5mL/MSVOA D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 30 01:13:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D042319S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 23 14:52:55 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 8.85  | 83   | 294626   | 49.003   | ug/l  | 100      |
| 40) Benzene                    | 7.44  | 78   | 683387   | 45.298   | ug/l  | 98       |
| 41) Methacrylonitrile          | 6.42  | 41   | 169978   | 56.099   | ug/l  | 95       |
| 42) 1,2-Dichloroethane         | 7.56  | 62   | 274724   | 53.631   | ug/l  | 98       |
| 43) Isopropyl Acetate          | 9.22  | 43   | 234212   | 61.727   | ug/l  | 99       |
| 44) Trichloroethene            | 8.52  | 130  | 315248   | 53.899   | ug/l  | 97       |
| 45) 1,2-Dichloropropane        | 8.91  | 63   | 202954   | 53.028   | ug/l  | 98       |
| 46) Dibromomethane             | 9.04  | 93   | 157002   | 57.009   | ug/l  | 97       |
| 47) Bromodichloromethane       | 9.36  | 83   | 386730   | 59.431   | ug/l  | 96       |
| 48) Methyl methacrylate        | 9.10  | 41   | 122416   | 56.546   | ug/l  | 94       |
| 49) 1,4-Dioxane                | 9.06  | 88   | 27482    | 1177.456 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone       | 10.28 | 43   | 720857   | 310.651  | ug/l  | 98       |
| 52) Toluene                    | 10.50 | 92   | 505298   | 52.529   | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 10.90 | 75   | 305606   | 55.951   | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 10.02 | 75   | 382959   | 57.647   | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 184036   | 56.987   | ug/l  | 96       |
| 56) Ethyl methacrylate         | 11.03 | 69   | 221001   | 61.788   | ug/l  | 98       |
| 57) 1,3-Dichloropropane        | 11.39 | 76   | 259655   | 52.058   | ug/l  | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.84  | 63   | 479891   | 288.582  | ug/l  | 95       |
| 59) 2-Hexanone                 | 11.52 | 43   | 509457   | 292.676  | ug/l  | 98       |
| 60) Dibromochloromethane       | 11.67 | 129  | 316076   | 59.151   | ug/l  | 97       |
| 61) 1,2-Dibromoethane          | 11.79 | 107  | 221300   | 57.767   | ug/l  | 96       |
| 64) Tetrachloroethene          | 11.24 | 164  | 240711   | 48.600   | ug/l  | 98       |
| 65) Chlorobenzene              | 12.39 | 112  | 637356   | 48.579   | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 287339   | 51.632   | ug/l  | 96       |
| 67) Ethyl Benzene              | 12.52 | 91   | 1028785  | 48.042   | ug/l  | 100      |
| 68) m/p-Xylenes                | 12.65 | 106  | 676209   | 87.369   | ug/l  | 96       |
| 69) o-Xylene                   | 13.04 | 106  | 344997   | 48.718   | ug/l  | 95       |
| 70) Styrene                    | 13.07 | 104  | 597274   | 48.846   | ug/l  | 98       |
| 71) Bromoform                  | 13.22 | 173  | 180110   | 56.767   | ug/l  | 99       |
| 73) Isopropylbenzene           | 13.39 | 105  | 991410   | 48.976   | ug/l  | 99       |
| 74) N-amyl acetate             | 13.25 | 43   | 279064   | 53.530   | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.69 | 83   | 215619   | 54.356   | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 210809   | 54.706   | ug/l  | 99       |
| 77) Bromobenzene               | 13.66 | 156  | 277852   | 47.848   | ug/l  | 89       |
| 78) n-propylbenzene            | 13.77 | 91   | 1147723  | 49.528   | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 13.83 | 91   | 673097   | 47.954   | ug/l  | 96       |
| 80) 1,3,5-Trimethylbenzene     | 13.92 | 105  | 775650   | 48.055   | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 13.46 | 75   | 61508    | 52.672   | ug/l  | 93       |
| 82) 4-Chlorotoluene            | 13.93 | 91   | 756910   | 48.966   | ug/l  | 86       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 935435   | 50.028   | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 758763   | 49.232   | ug/l  | 97       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 926051   | 45.836   | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 14.48 | 119  | 758174   | 41.931   | ug/l  | 98       |
| 87) 1,3-Dichlorobenzene        | 14.44 | 146  | 487215   | 47.911   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 468021   | 49.213   | ug/l  | 95       |
| 89) n-Butylbenzene             | 14.79 | 91   | 751564   | 46.298   | ug/l  | 95       |
| 90) Hexachloroethane           | 15.00 | 117  | 249151   | 50.958   | ug/l  | 93       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 419485   | 50.008   | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 31985    | 54.334   | ug/l  | 84       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042919\  
Data File : VD062080.D  
Acq On : 30 Apr 2019 00:22  
Operator : FY/SY  
Sample : VSTDCCC050EC  
Misc : 5.00qm/5mL/MSVOA D/SOIL  
ALS Vial : 24 Sample Multiplier: 1

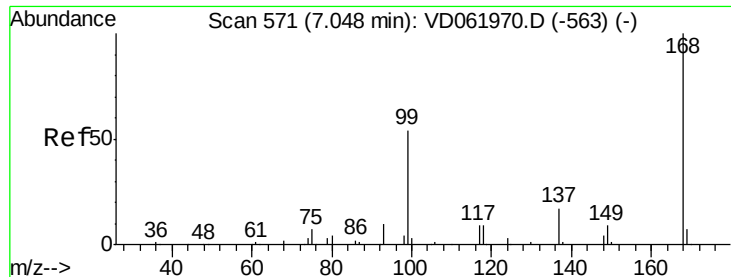
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Apr 30 01:13:49 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D042319S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 23 14:52:55 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 217055   | 47.957 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 174157   | 51.996 | ug/l  | 97       |
| 95) Naphthalene            | 16.12 | 128  | 396631   | 54.275 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 132215   | 51.486 | ug/l  | 94       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

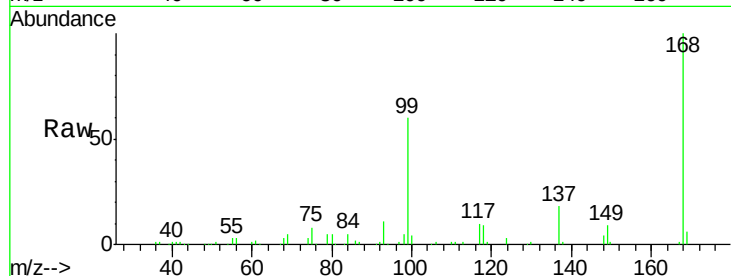
ClientSampleId :

Tot Ion:168 Resp: 491010

Ion Ratio Lower Upper

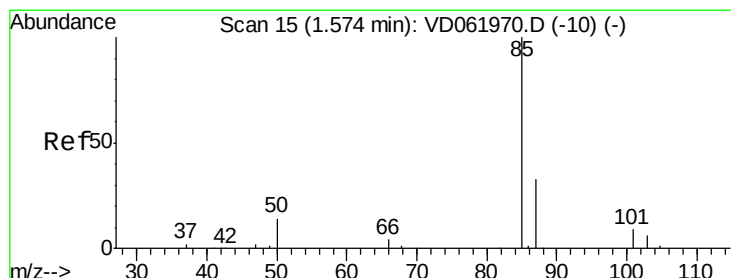
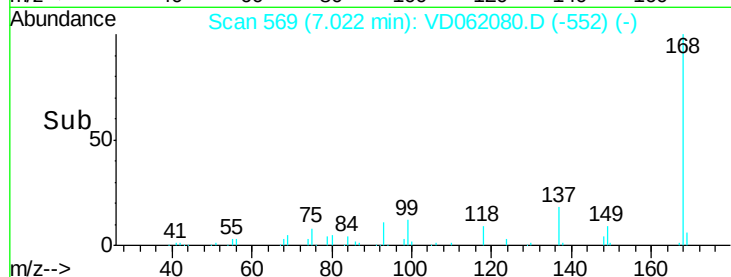
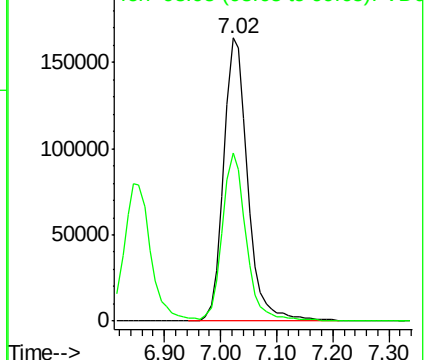
168 100

99 59.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 48.254 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.02 min

Lab File: VD062080.D

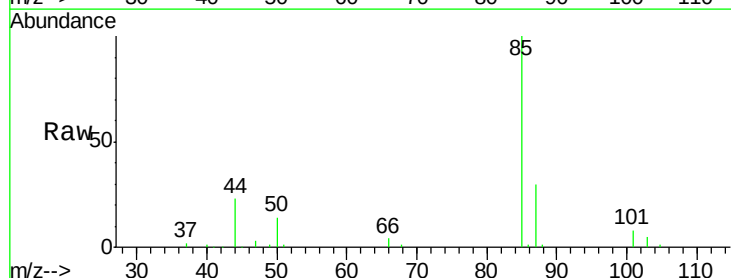
Acq: 30 Apr 2019 00:22

Tgt Ion: 85 Resp: 211564

Ion Ratio Lower Upper

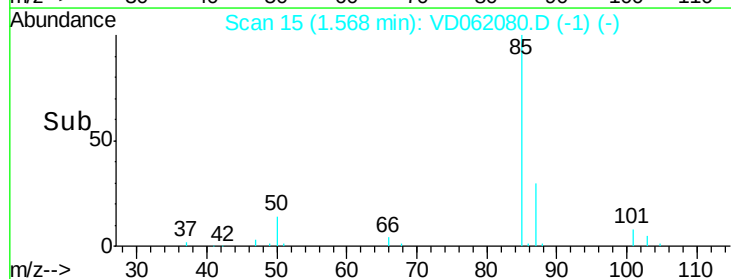
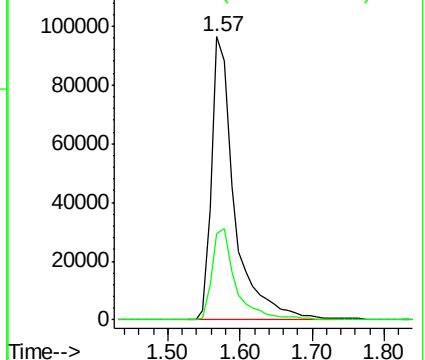
85 100

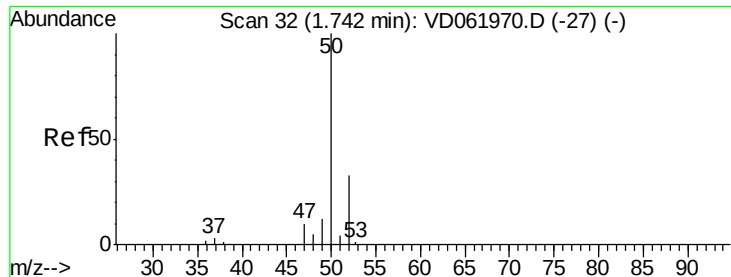
87 30.3 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 43.917 ug/l

RT: 1.75 min Scan# 33

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

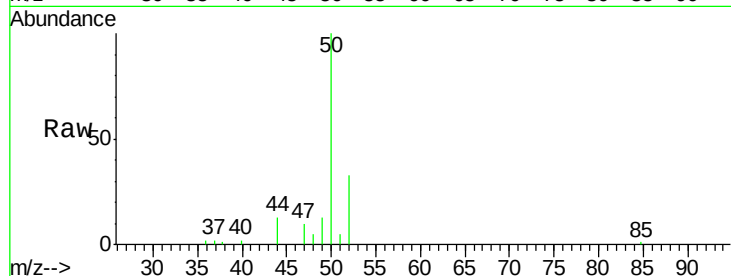
ClientSampleId :

Tot Ion: 50 Resp: 163651

Ion Ratio Lower Upper

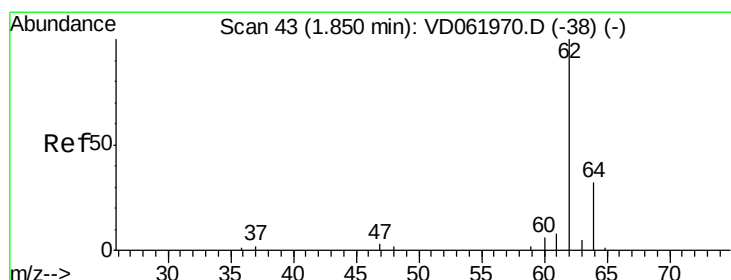
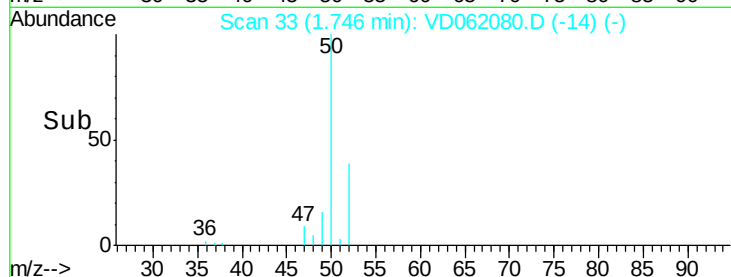
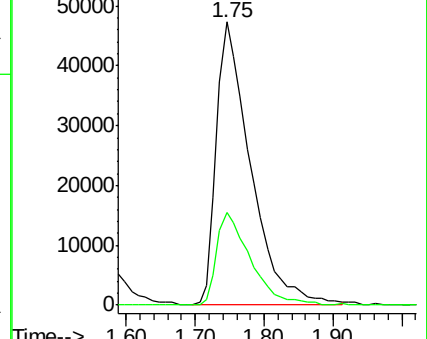
50 100

52 32.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 47.204 ug/l

RT: 1.84 min Scan# 43

Delta R.T. -0.01 min

Lab File: VD062080.D

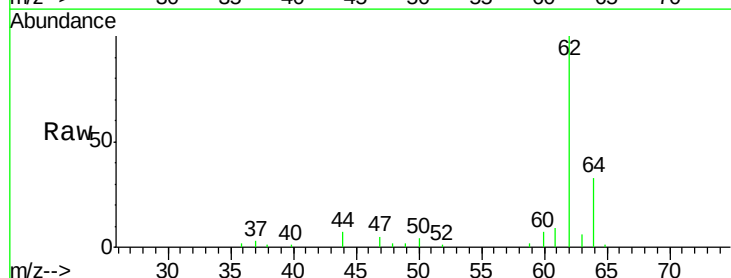
Acq: 30 Apr 2019 00:22

Tgt Ion: 62 Resp: 159431

Ion Ratio Lower Upper

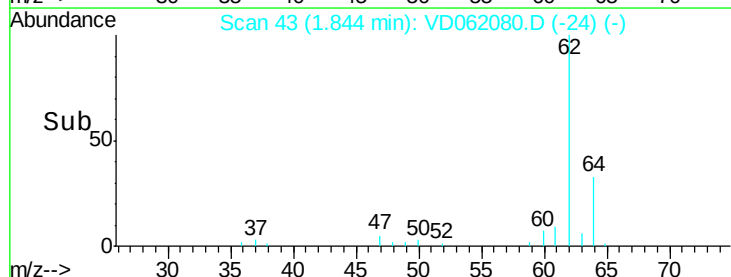
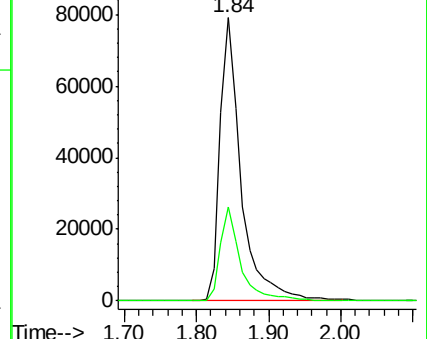
62 100

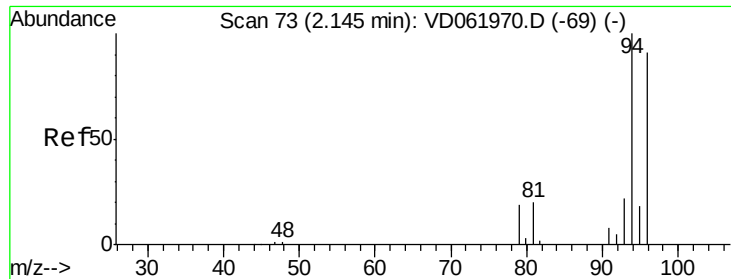
64 33.0 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 67.746 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

ClientSampleId :

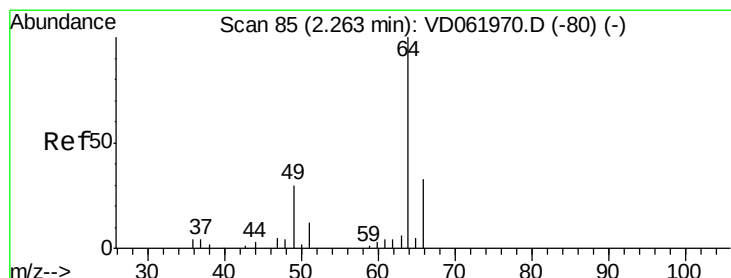
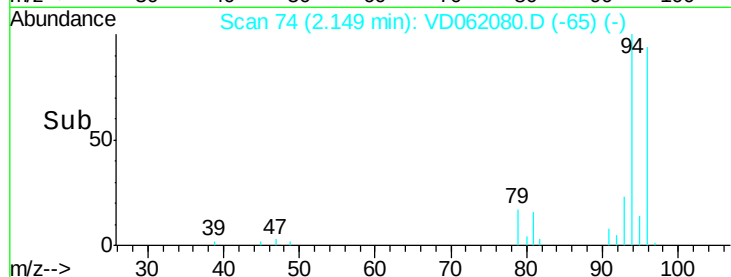
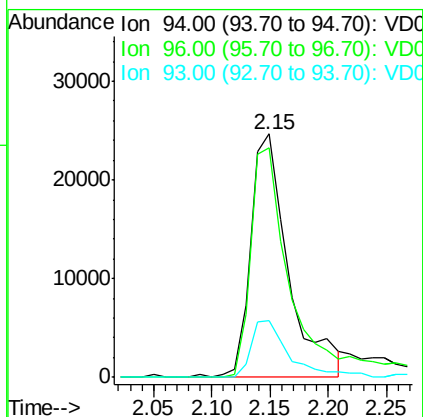
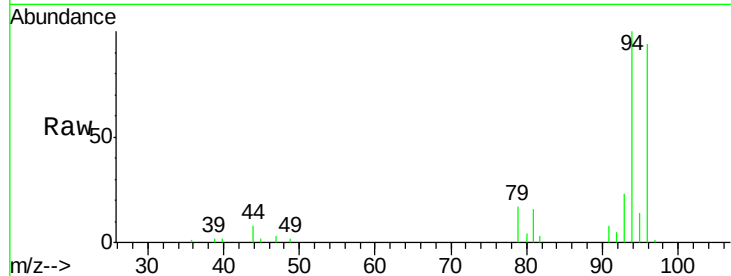
Tot Ion: 94 Resp: 55753

Ion Ratio Lower Upper

94 100

96 94.1 76.6 115.0

93 23.2 18.5 27.7



#6

Chloroethane

Concen: 56.924 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.02 min

Lab File: VD062080.D

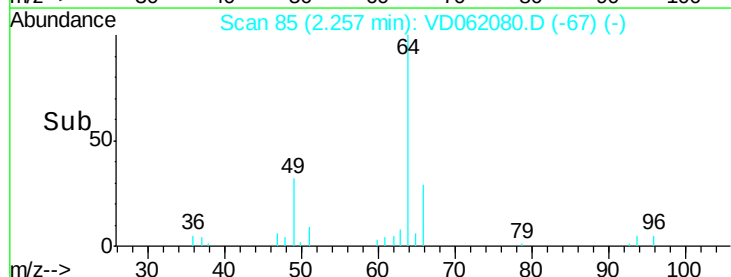
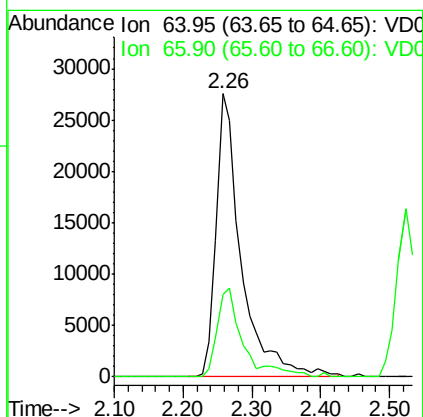
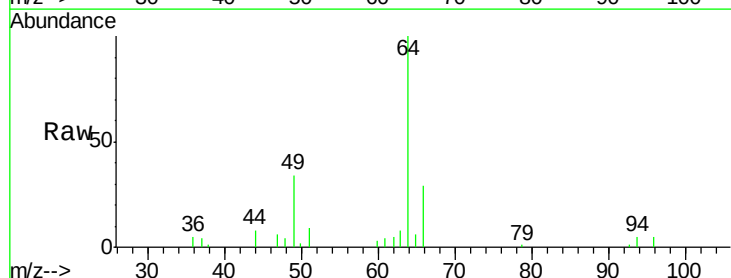
Acq: 30 Apr 2019 00:22

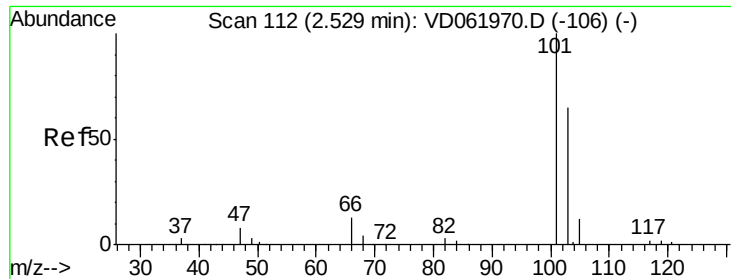
Tgt Ion: 64 Resp: 69498

Ion Ratio Lower Upper

64 100

66 29.1 25.6 38.4



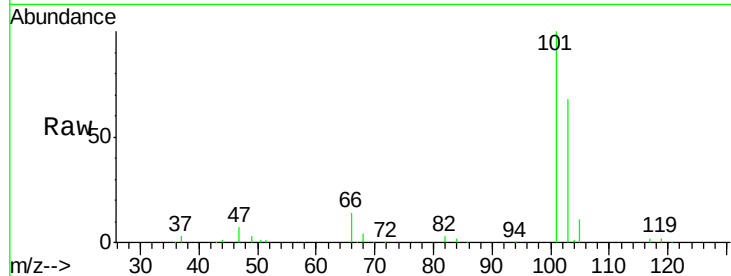


#7

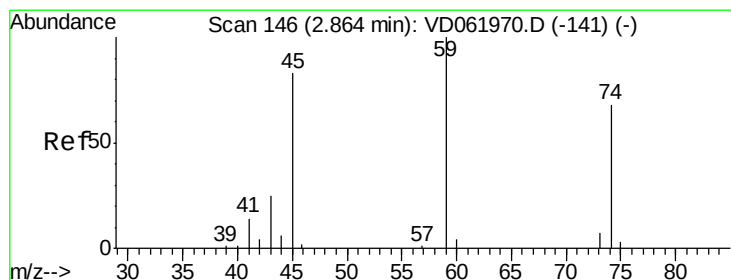
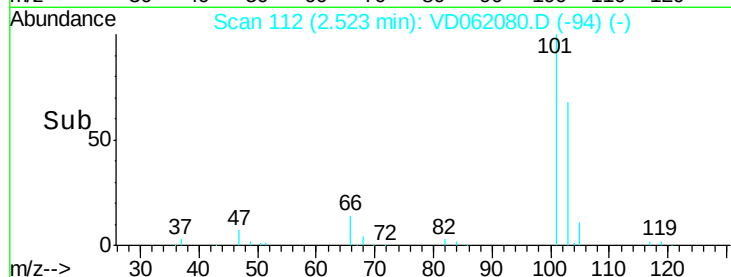
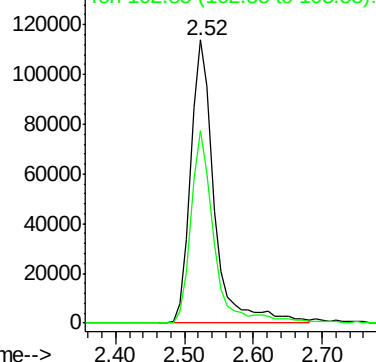
Trichlorofluoromethane  
 Concen: 53.179 ug/l  
 RT: 2.52 min Scan# 112  
 Delta R.T. -0.02 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

Instrument :  
 MSVOA\_D  
 ClientSampled :

Tot Ion:101 Resp: 271572  
 Ion Ratio Lower Upper  
 101 100  
 103 67.9 53.6 80.4



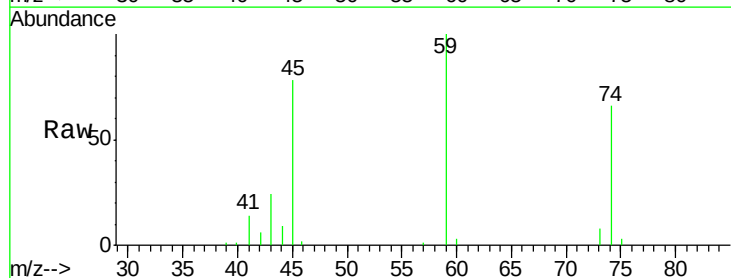
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



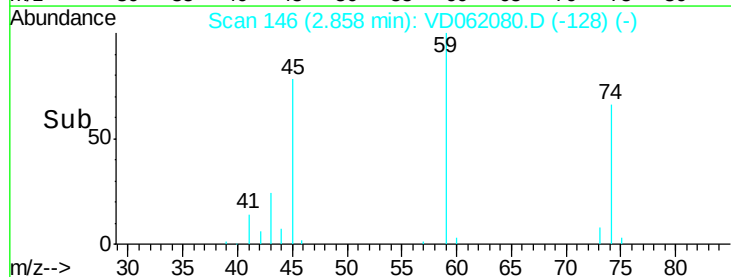
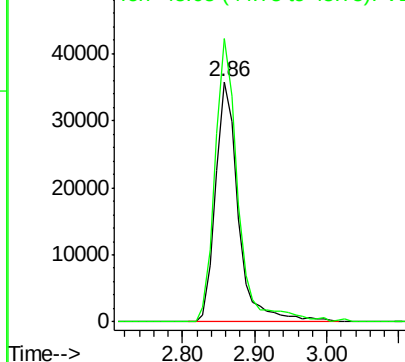
#8

Diethyl Ether  
 Concen: 56.967 ug/l  
 RT: 2.86 min Scan# 146  
 Delta R.T. -0.02 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

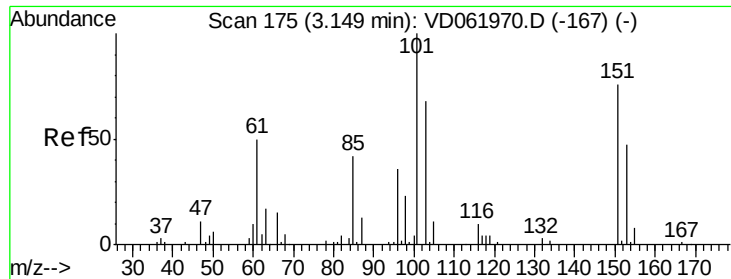
Tgt Ion: 74 Resp: 77969  
 Ion Ratio Lower Upper  
 74 100  
 45 117.7 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VDC  
 Ion 45.05 (44.75 to 45.75): VDC







#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.452 ug/l

RT: 3.14 min Scan# 175

Delta R.T. -0.02 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

ClientSampleId :

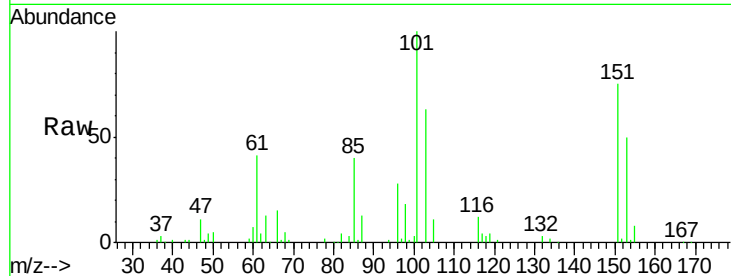
Tot Ion:101 Resp: 227931

Ion Ratio Lower Upper

101 100

85 40.4 32.4 48.6

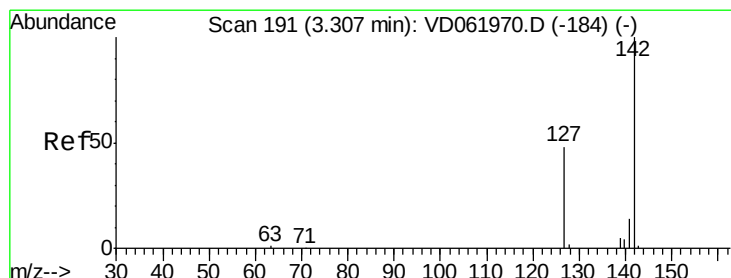
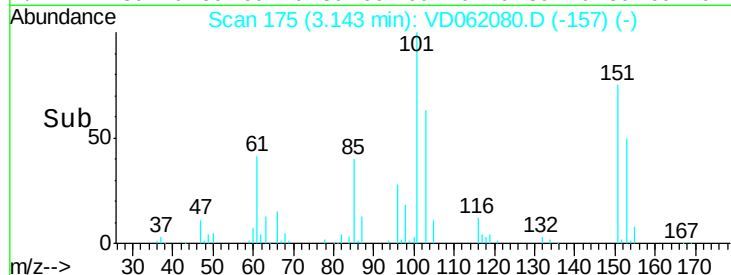
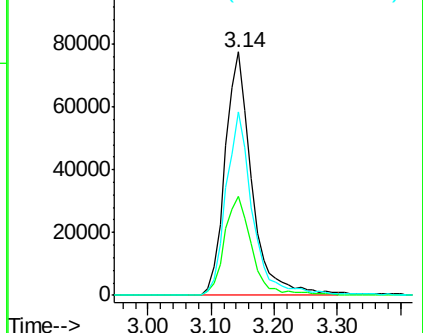
151 75.5 59.4 89.0



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: 48.242 ug/l

RT: 3.29 min Scan# 190

Delta R.T. -0.03 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

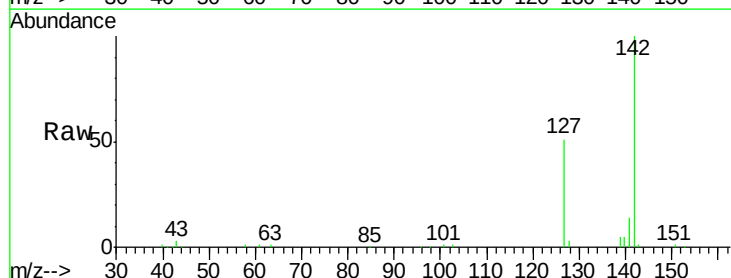
Tgt Ion:142 Resp: 344210

Ion Ratio Lower Upper

142 100

127 51.4 38.8 58.2

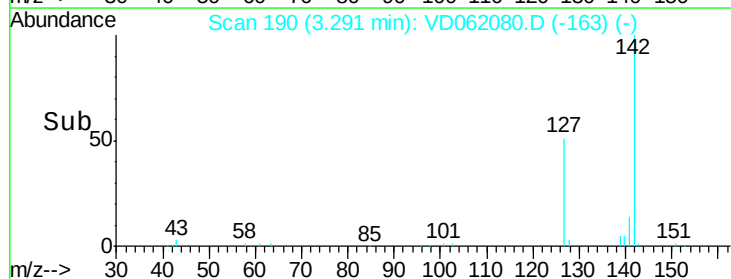
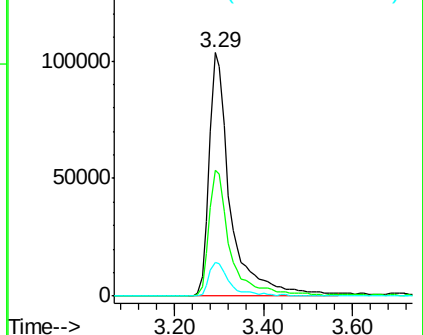
141 13.9 11.4 17.0

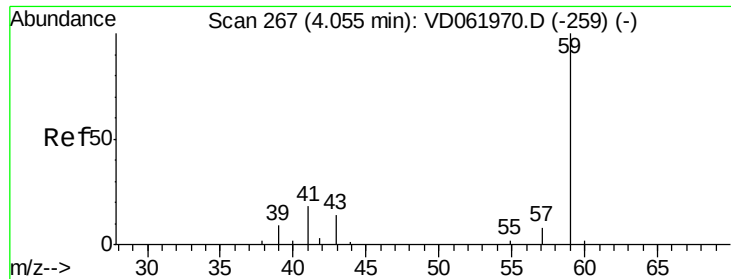


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

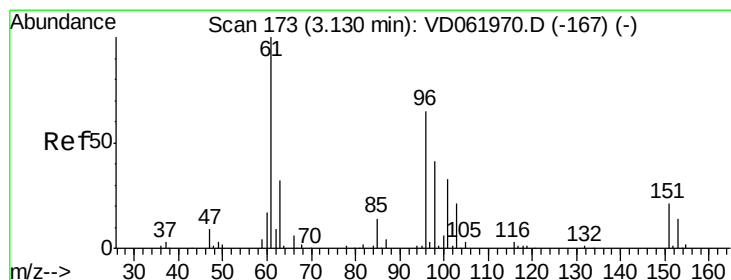
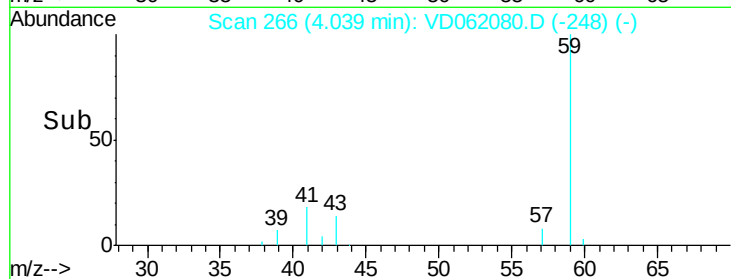
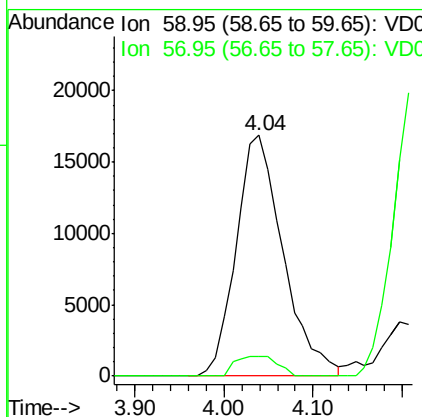
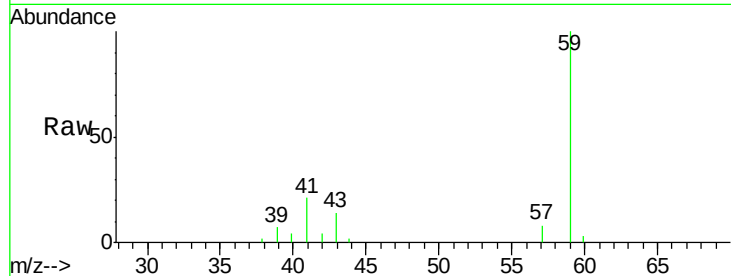




#11  
Tert butyl alcohol  
Concen: 284.907 ug/l  
RT: 4.04 min Scan# 266  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

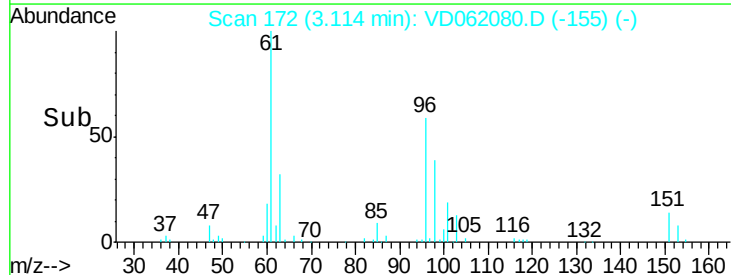
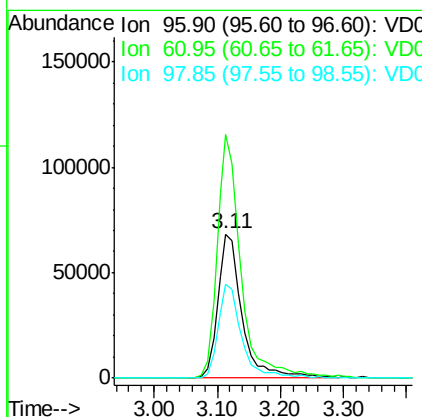
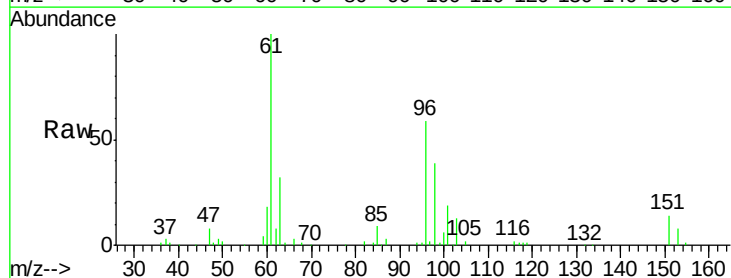
Instrument :  
MSVOA\_D  
ClientSampleId :

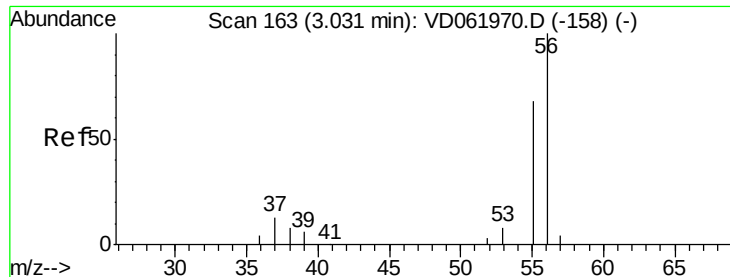
Tot Ion: 59 Resp: 61861  
Ion Ratio Lower Upper  
59 100  
57 7.9 6.9 10.3



#12  
1,1-Dichloroethene  
Concen: 45.974 ug/l  
RT: 3.11 min Scan# 172  
Delta R.T. -0.03 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Tgt Ion: 96 Resp: 184002  
Ion Ratio Lower Upper  
96 100  
61 169.3 129.8 194.8  
98 65.4 51.2 76.8





#13

Acrolein

Concen: 185.358 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.02 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

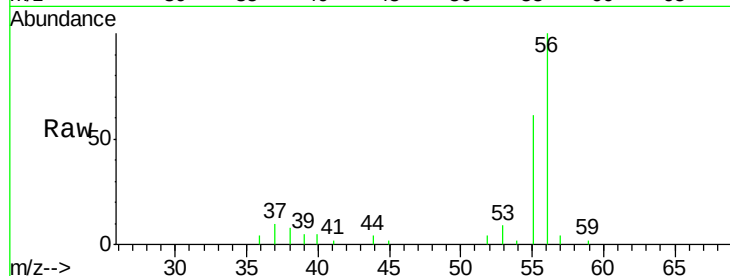
ClientSampleId :

Tot Ion: 56 Resp: 41758

Ion Ratio Lower Upper

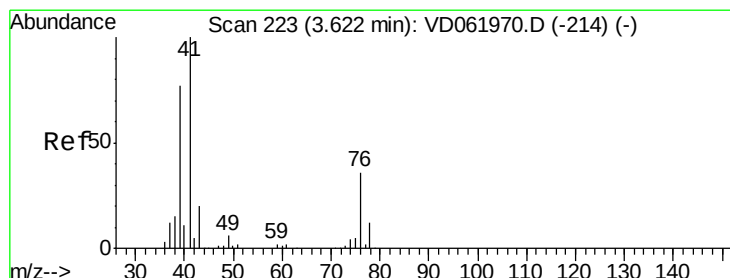
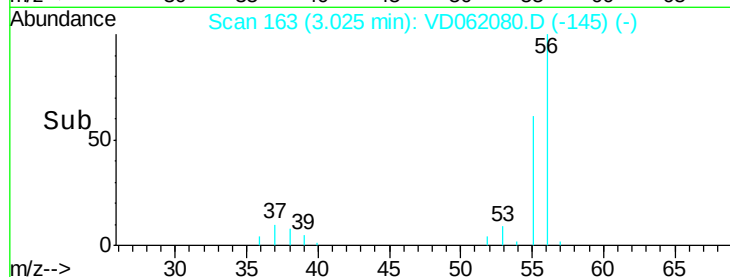
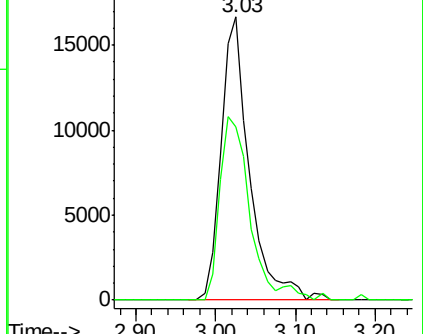
56 100

55 61.2 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 49.224 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.03 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

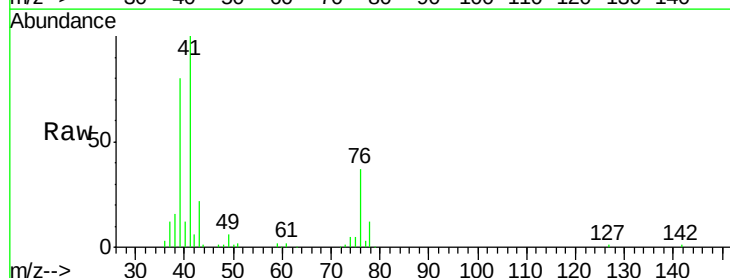
Tgt Ion: 41 Resp: 269014

Ion Ratio Lower Upper

41 100

39 80.2 60.5 90.7

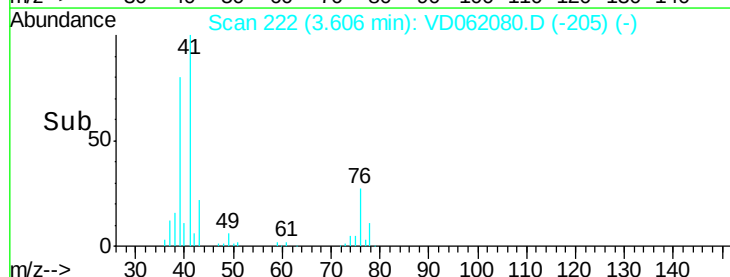
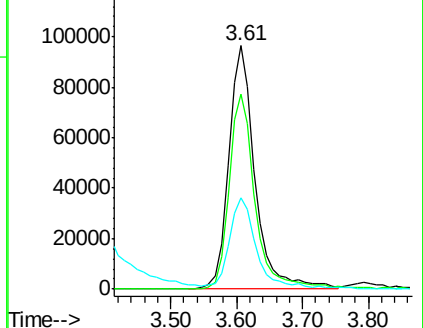
76 37.2 31.8 47.8

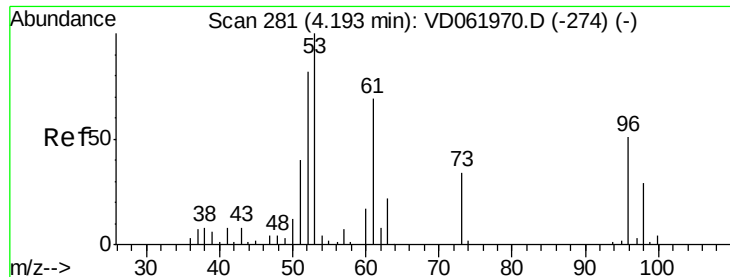


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 272.304 ug/l

RT: 4.17 min Scan# 279

Delta R.T. -0.04 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

ClientSampled :

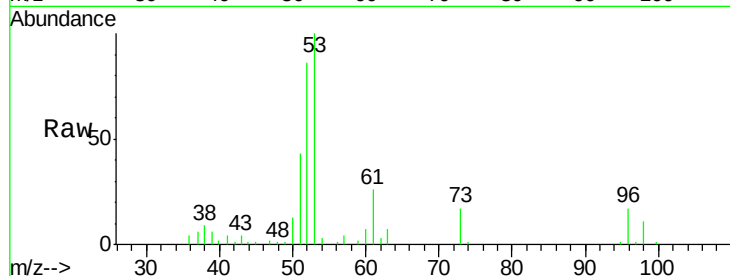
Tot Ion: 53 Resp: 183082

Ion Ratio Lower Upper

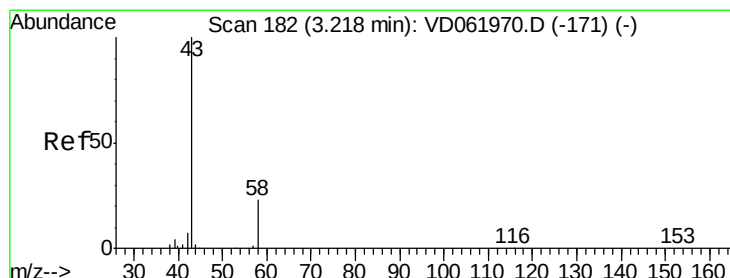
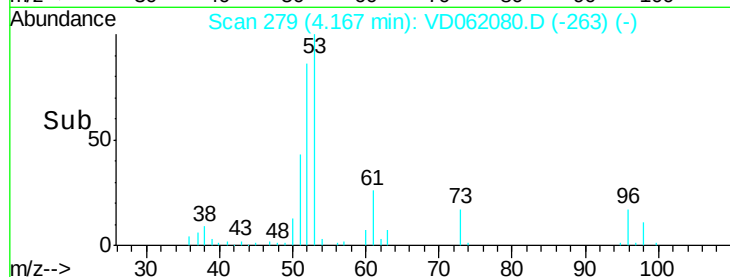
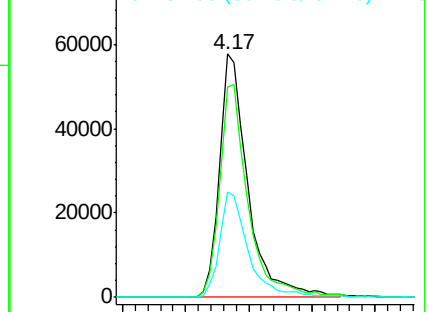
53 100

52 86.2 65.0 97.4

51 43.3 32.6 48.8



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



#16

Acetone

Concen: 265.729 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062080.D

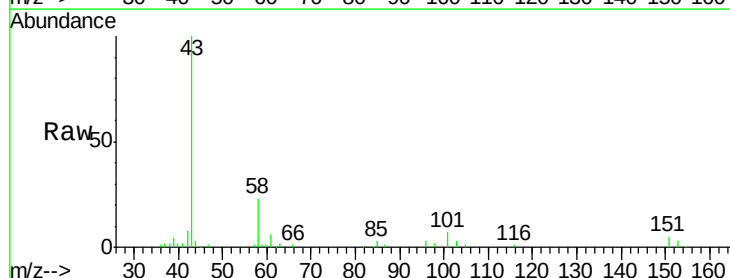
Acq: 30 Apr 2019 00:22

Tgt Ion: 43 Resp: 243826

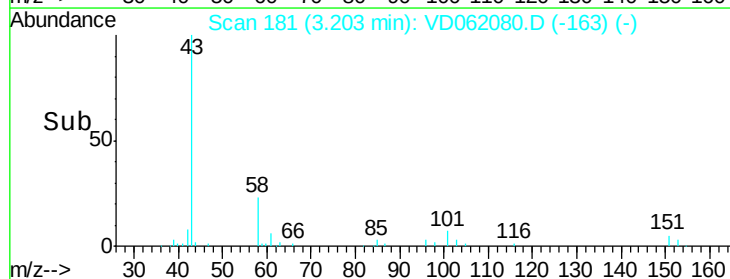
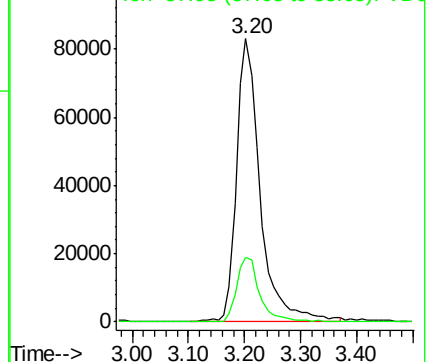
Ion Ratio Lower Upper

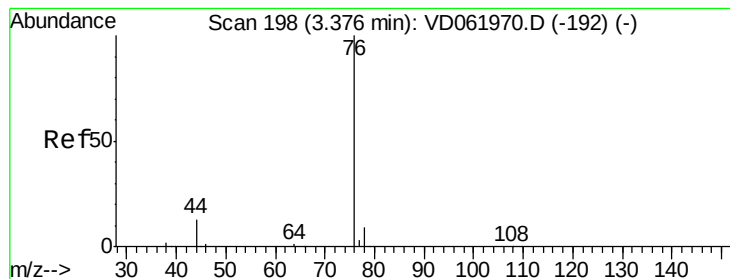
43 100

58 23.0 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 43.233 ug/l

RT: 3.37 min Scan# 198

Delta R.T. -0.02 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

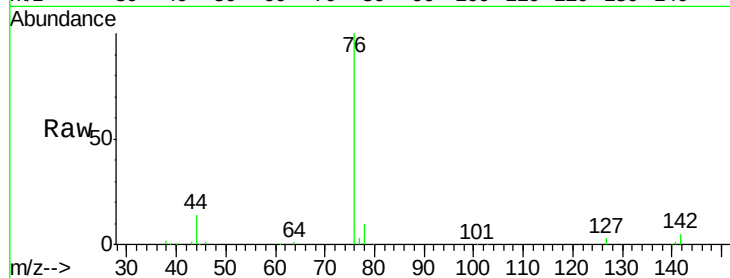
ClientSampleId :

Tot Ion: 76 Resp: 500003

Ion Ratio Lower Upper

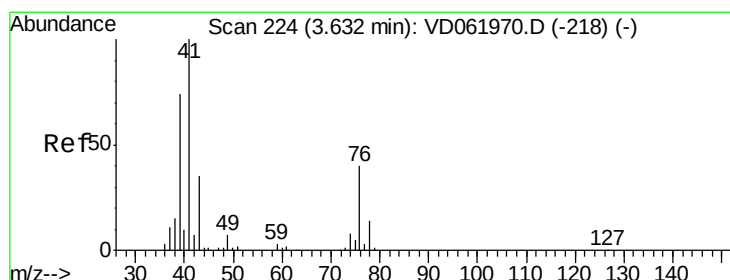
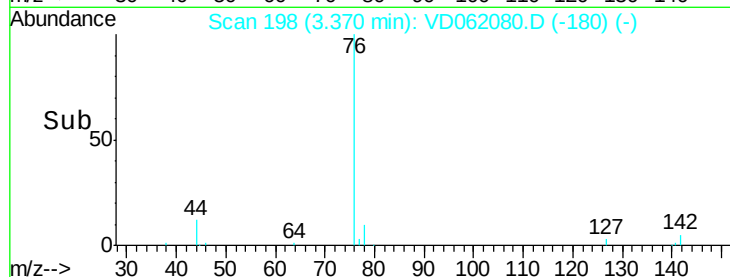
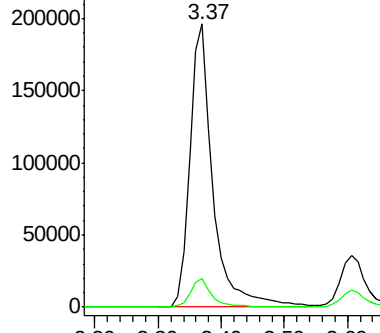
76 100

78 9.9 7.2 10.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 57.439 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.02 min

Lab File: VD062080.D

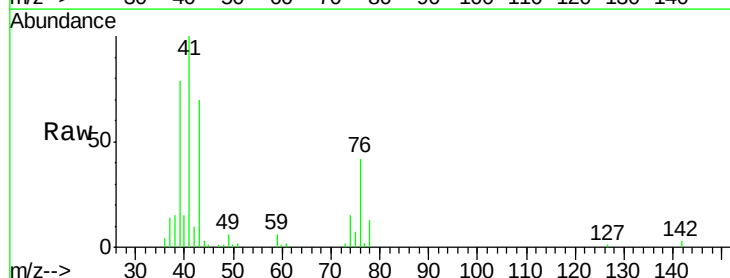
Acq: 30 Apr 2019 00:22

Tgt Ion: 43 Resp: 95048

Ion Ratio Lower Upper

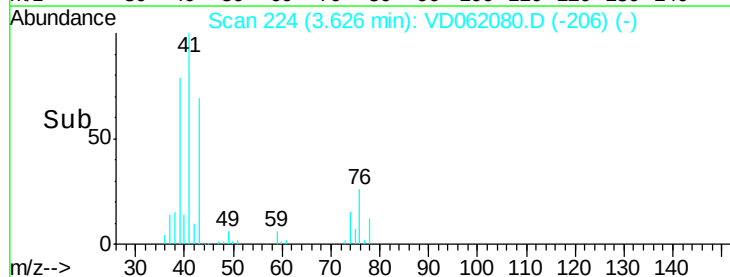
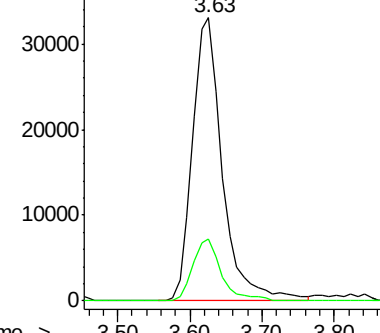
43 100

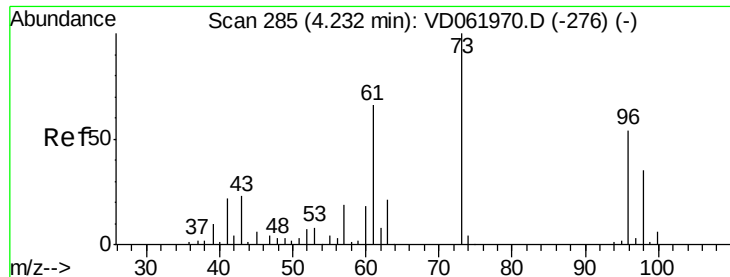
74 21.7 18.0 27.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

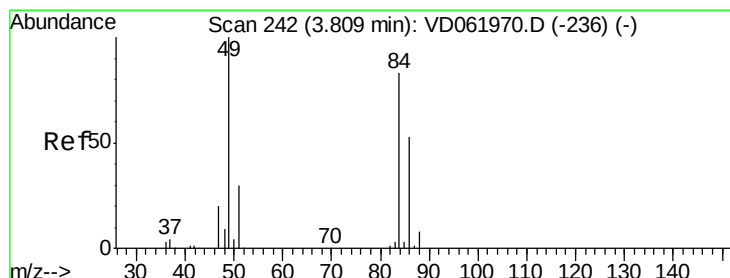
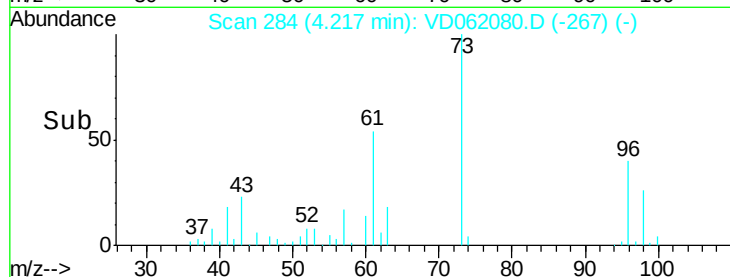
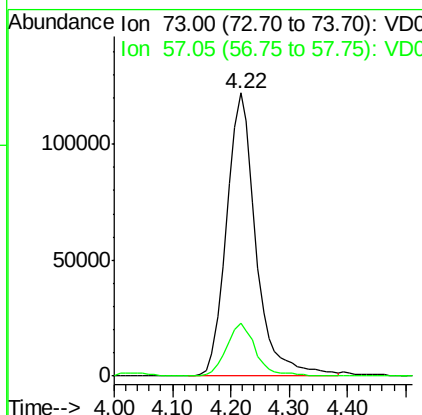
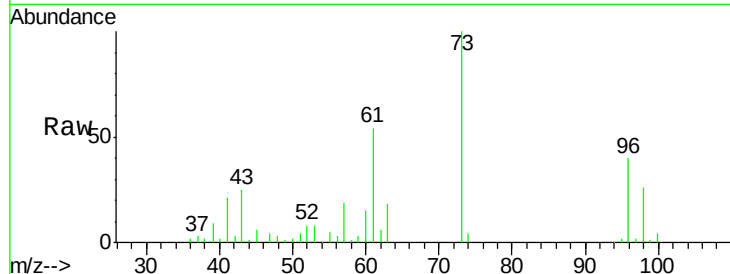




#19  
Methyl tert-butyl Ether  
Concen: 53.881 ug/l  
RT: 4.22 min Scan# 284  
Delta R.T. -0.03 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

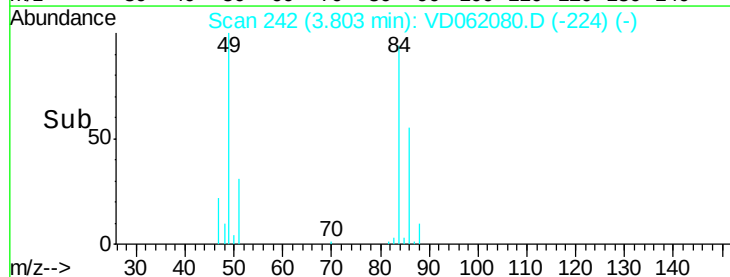
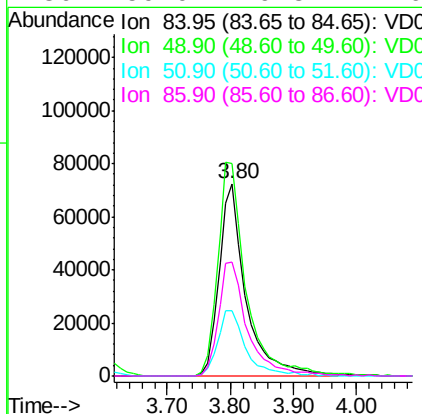
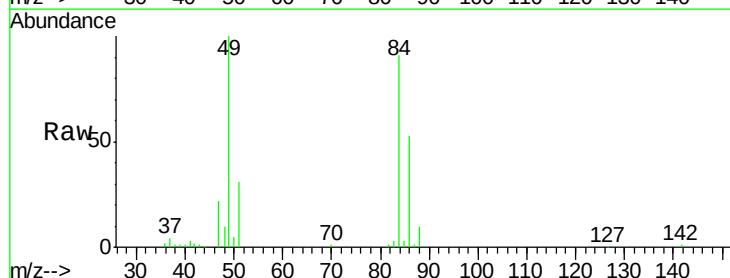
Instrument :  
MSVOA\_D  
ClientSampled :

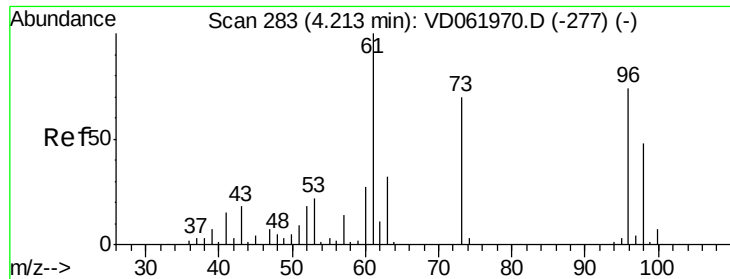
Tot Ion: 73 Resp: 427865  
Ion Ratio Lower Upper  
73 100  
57 18.6 16.3 24.5



#20  
Methylene Chloride  
Concen: 47.712 ug/l  
RT: 3.80 min Scan# 242  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Tgt Ion: 84 Resp: 213781  
Ion Ratio Lower Upper  
84 100  
49 110.5 94.0 141.0  
51 33.8 29.0 43.4  
86 59.0 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 46.630 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.02 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

ClientSampleId :

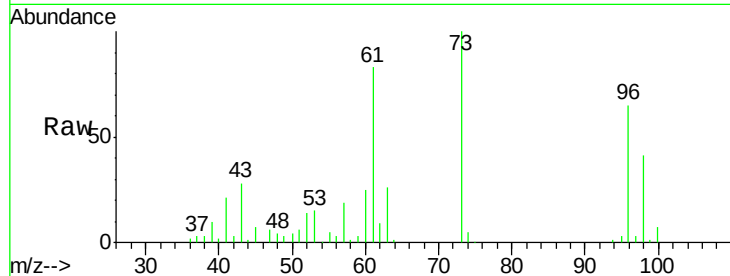
Tot Ion: 96 Resp: 214092

Ion Ratio Lower Upper

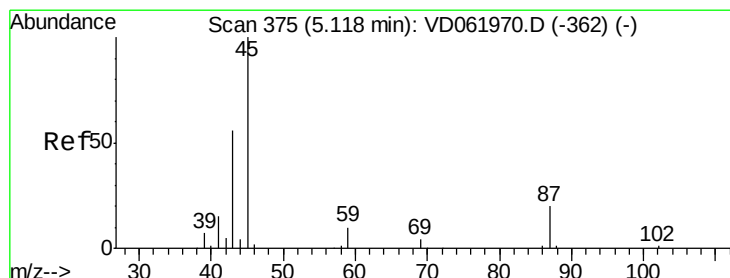
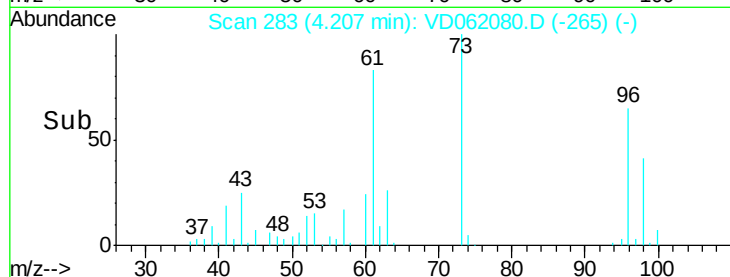
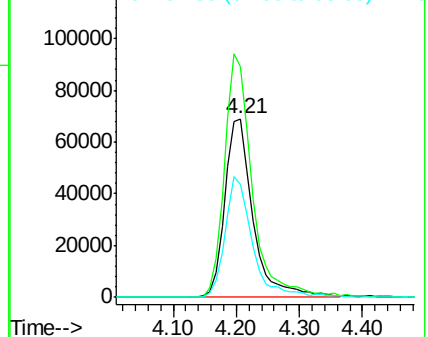
96 100

61 129.2 104.4 156.6

98 63.2 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: 47.453 ug/l

RT: 5.09 min Scan# 373

Delta R.T. -0.03 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Tgt Ion: 45 Resp: 605476

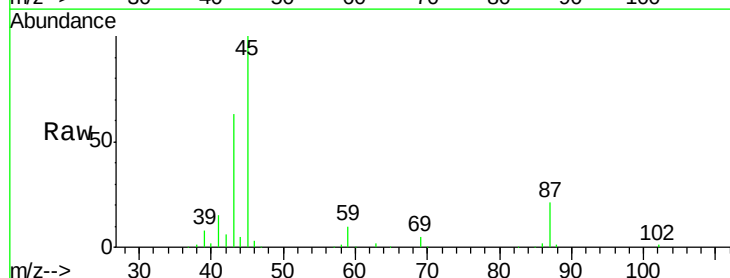
Ion Ratio Lower Upper

45 100

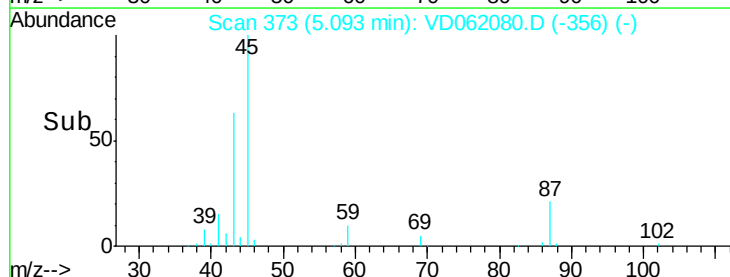
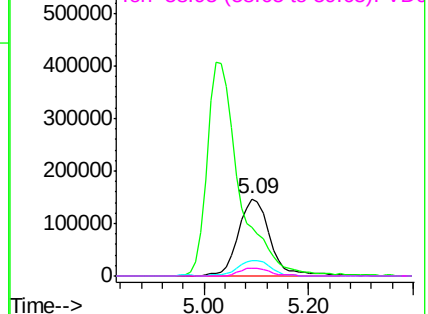
43 62.6 46.2 69.2

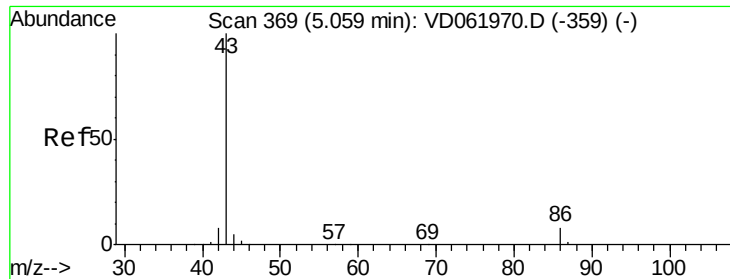
87 20.5 15.9 23.9

59 10.2 7.9 11.9



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: 260.984 ug/l

RT: 5.02 min Scan# 366

Delta R.T. -0.04 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

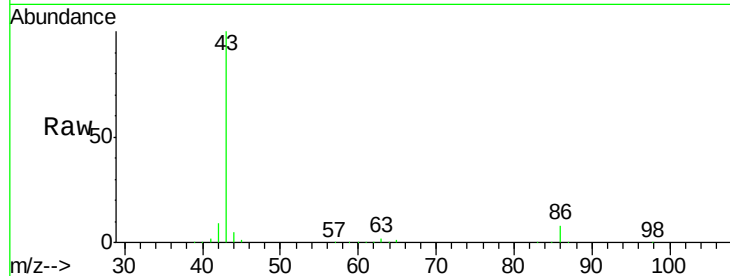
ClientSampled :

Tot Ion: 43 Resp: 1734157

Ion Ratio Lower Upper

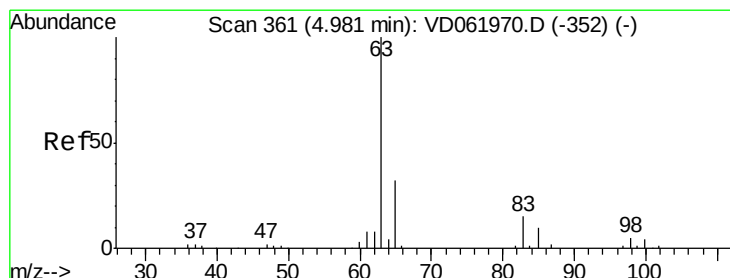
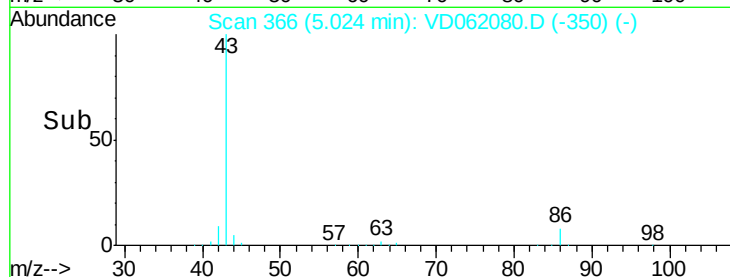
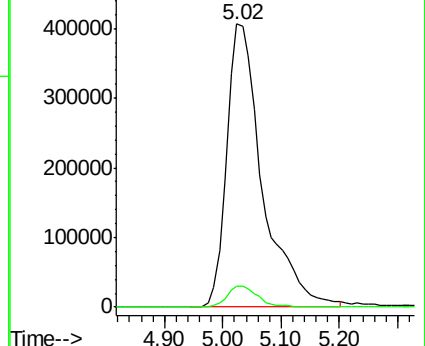
43 100

86 7.6 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.812 ug/l

RT: 4.96 min Scan# 360

Delta R.T. -0.03 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

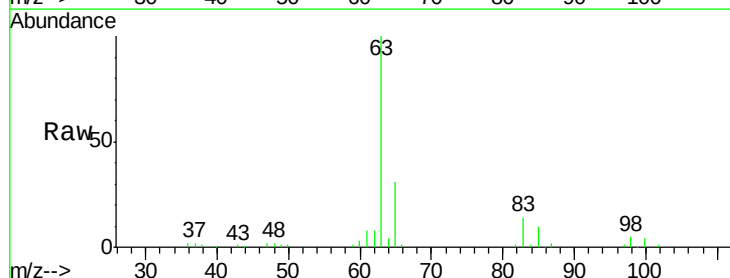
Tgt Ion: 63 Resp: 384147

Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.4

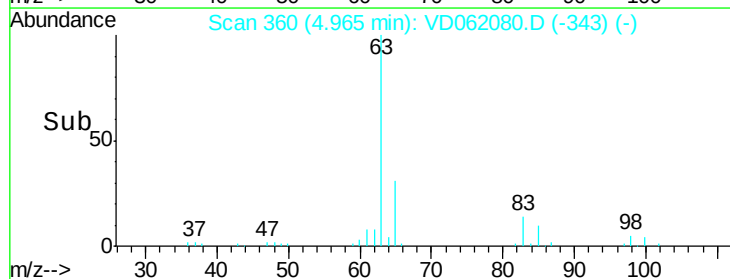
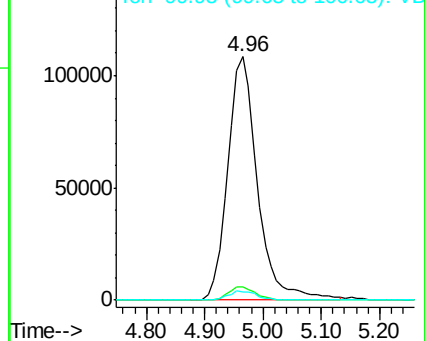
100 3.6 1.8 5.5



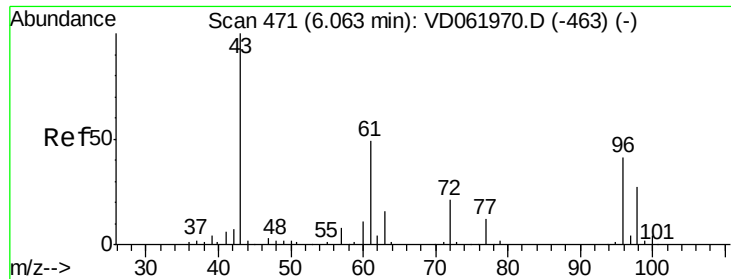
Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC







#25

2-Butanone

Concen: 254.852 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.03 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

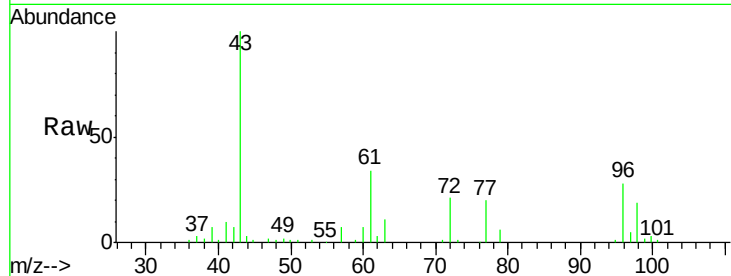
ClientSampleId :

Tot Ion: 43 Resp: 283521

Ion Ratio Lower Upper

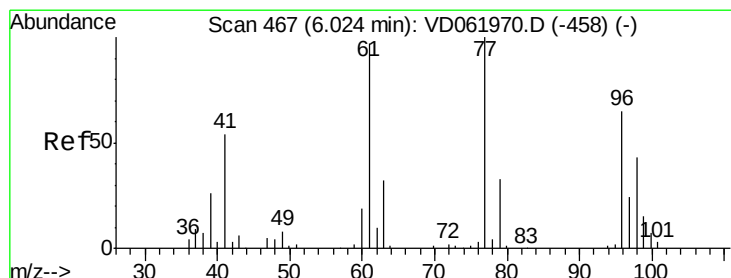
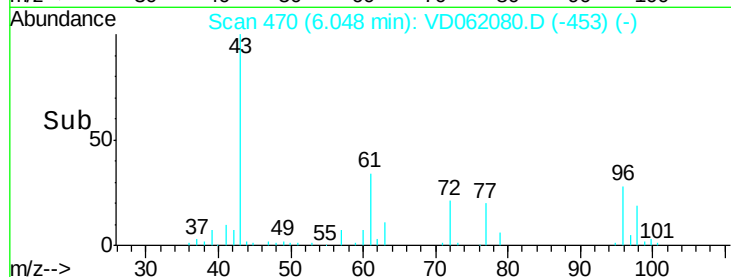
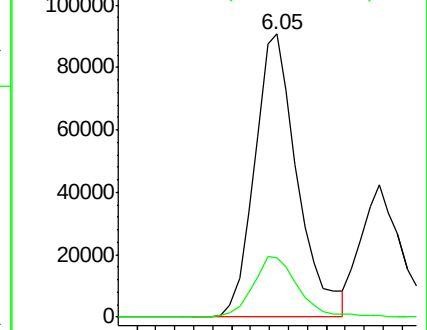
43 100

72 20.8 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 46.332 ug/l

RT: 6.00 min Scan# 465

Delta R.T. -0.03 min

Lab File: VD062080.D

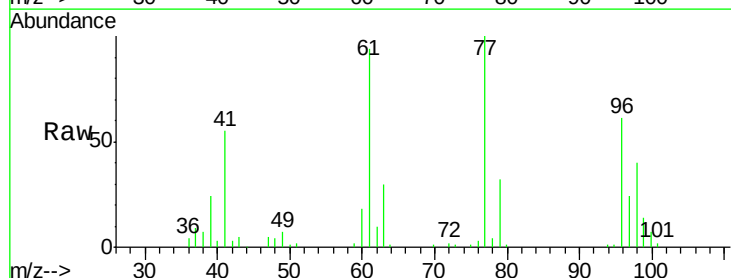
Acq: 30 Apr 2019 00:22

Tgt Ion: 77 Resp: 311715

Ion Ratio Lower Upper

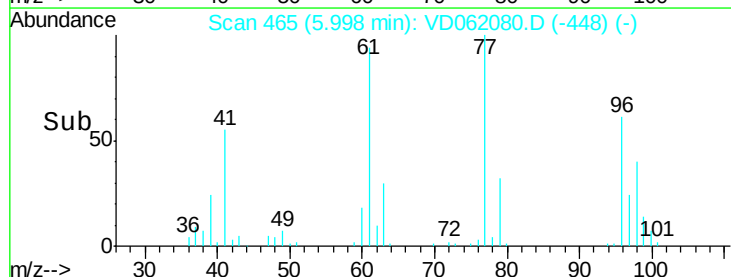
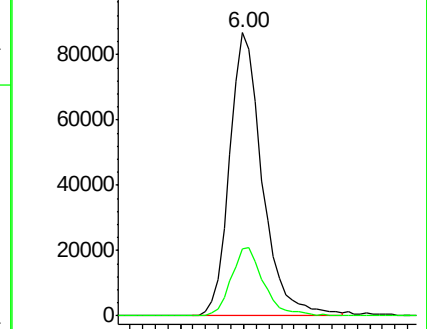
77 100

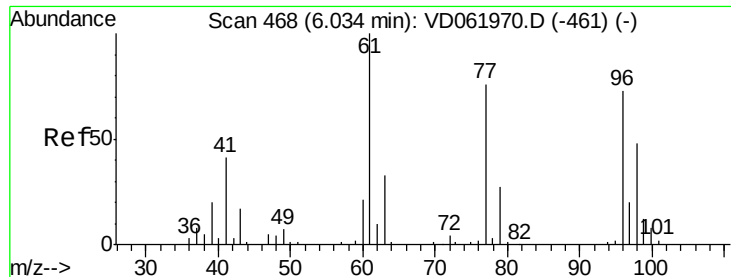
97 23.7 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



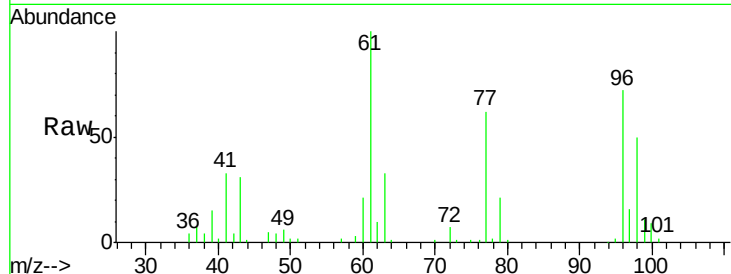


#27

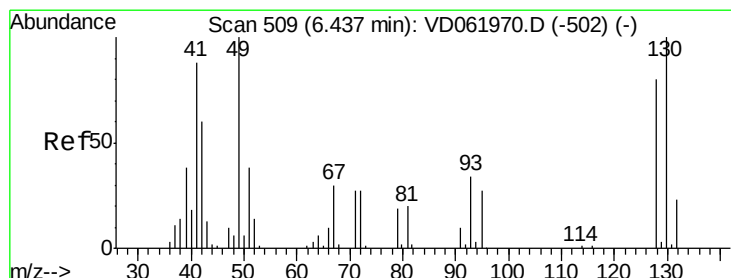
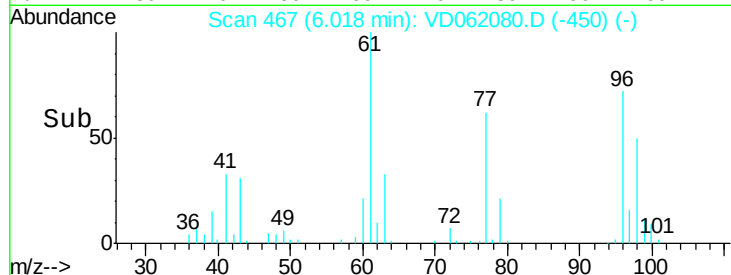
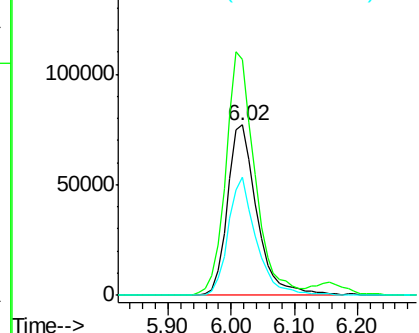
cis-1,2-Dichloroethene  
Concen: 47.941 ug/l  
RT: 6.02 min Scan# 467  
Delta R.T. -0.03 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Instrument :  
MSVOA\_D  
ClientSampled :

| Tot Ion | 96    | Resp  | 250403 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 138.7 | 0.0   | 279.8  |
| 98      | 69.1  | 0.0   | 136.0  |



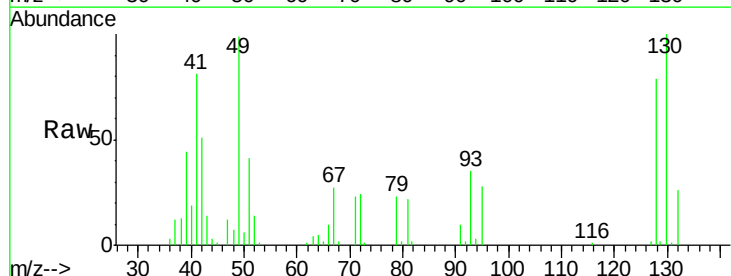
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



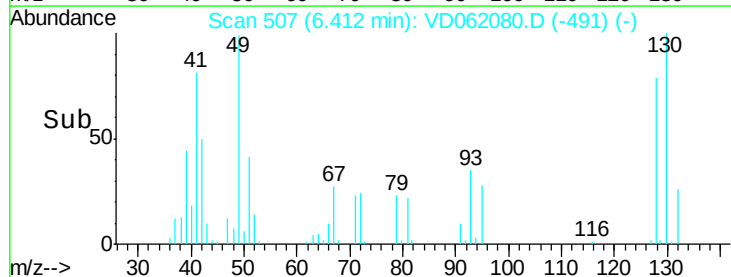
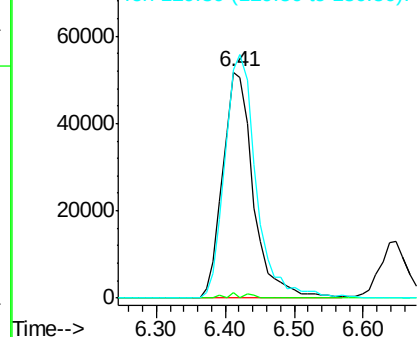
#28

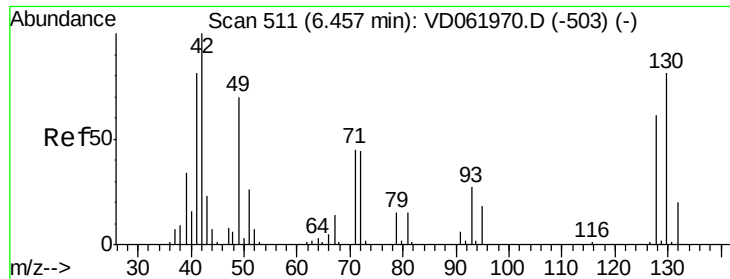
Bromochloromethane  
Concen: 53.854 ug/l  
RT: 6.41 min Scan# 507  
Delta R.T. -0.04 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

| Tgt Ion | 49    | Resp  | 158912 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 49      | 100   |       |        |
| 129     | 2.5   | 0.0   | 6.6    |
| 130     | 101.0 | 86.7  | 130.1  |



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





#29

Tetrahydrofuran

Concen: 265.034 ug/l

RT: 6.43 min Scan# 509

Delta R.T. -0.03 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

ClientSampleId :

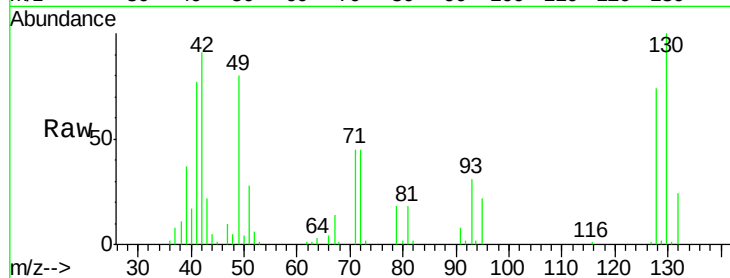
Tot Ion: 42 Resp: 145279

Ion Ratio Lower Upper

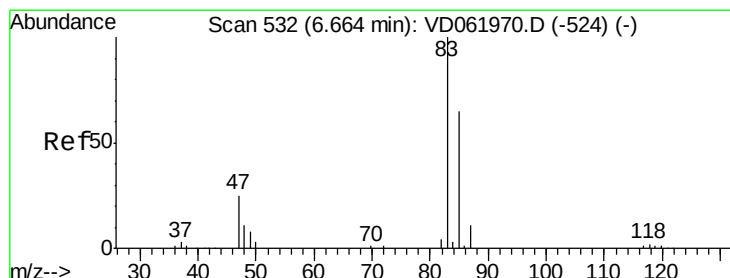
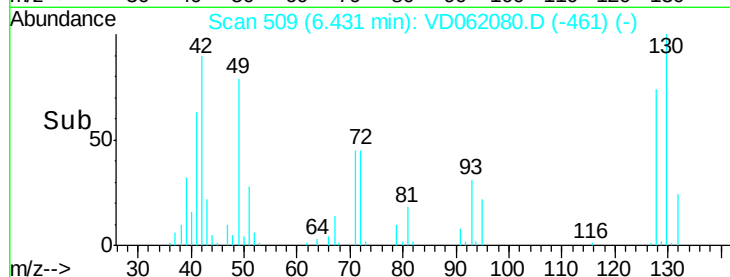
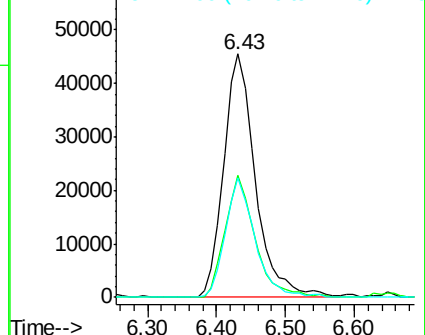
42 100

72 47.4 37.8 56.6

71 45.8 36.7 55.1



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: 52.193 ug/l

RT: 6.64 min Scan# 530

Delta R.T. -0.04 min

Lab File: VD062080.D

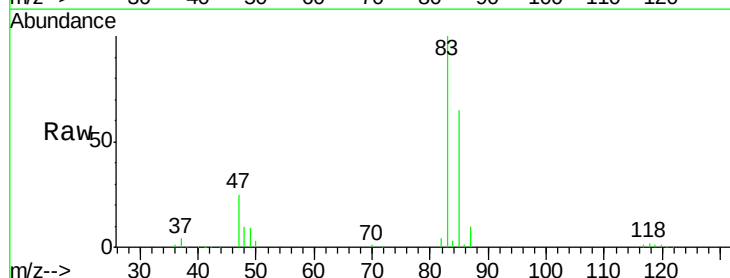
Acq: 30 Apr 2019 00:22

Tgt Ion: 83 Resp: 457176

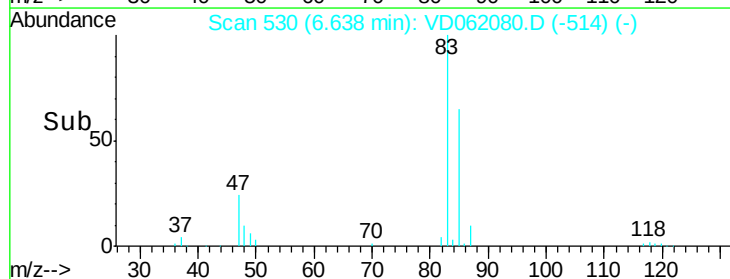
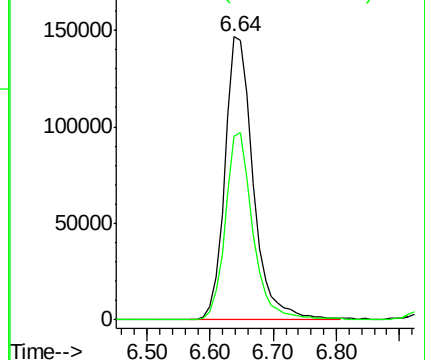
Ion Ratio Lower Upper

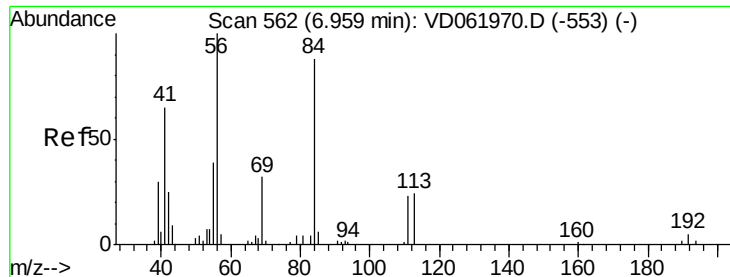
83 100

85 64.7 51.7 77.5



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

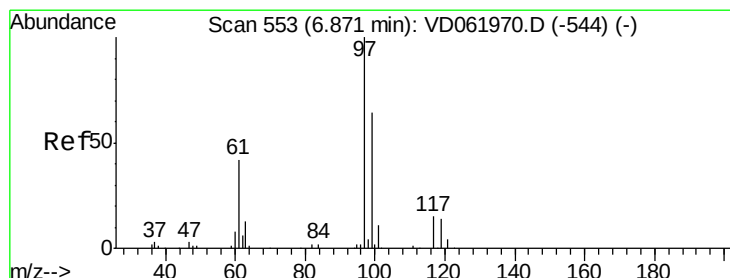
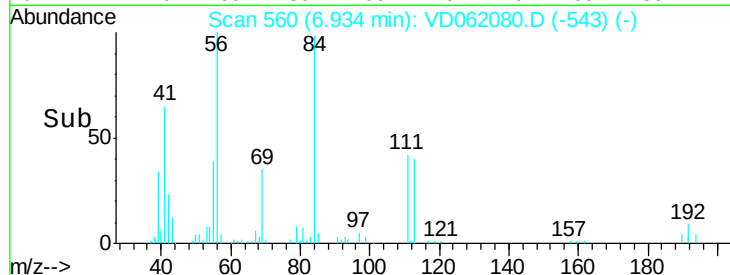
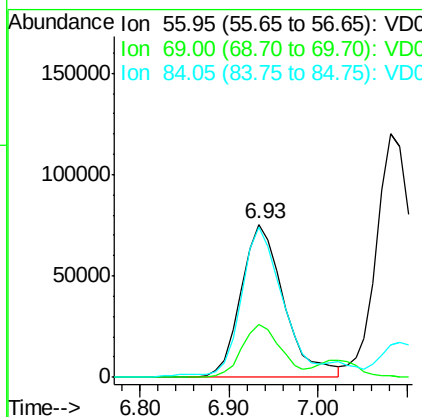
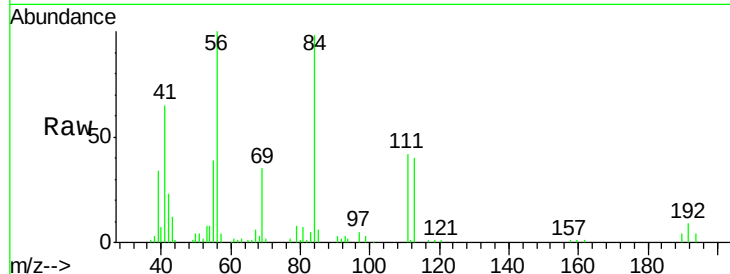




#31  
Cyclohexane  
Concen: 44.187 ug/l  
RT: 6.93 min Scan# 560  
Delta R.T. -0.03 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

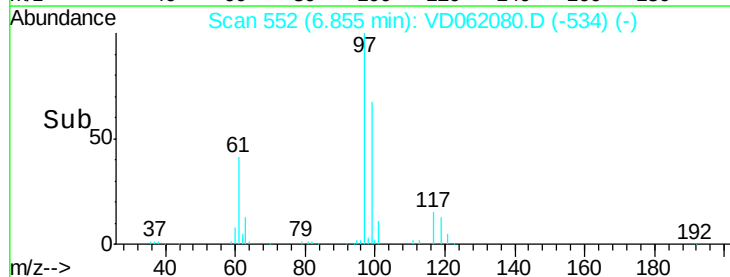
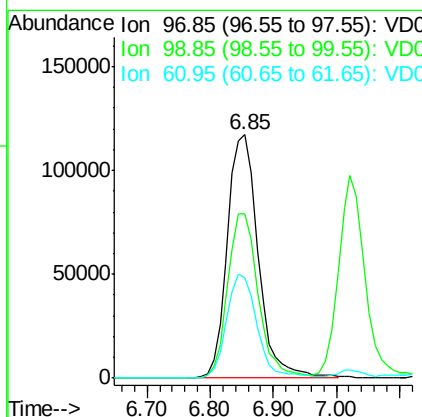
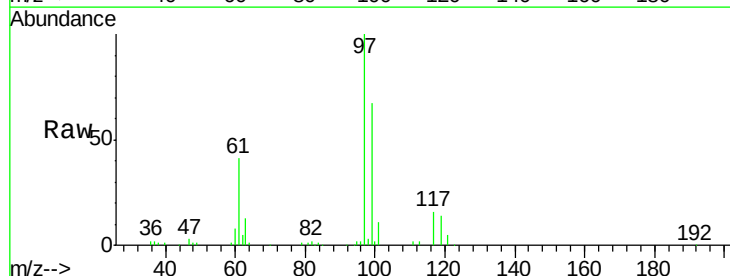
Instrument :  
MSVOA\_D  
ClientSampleId :

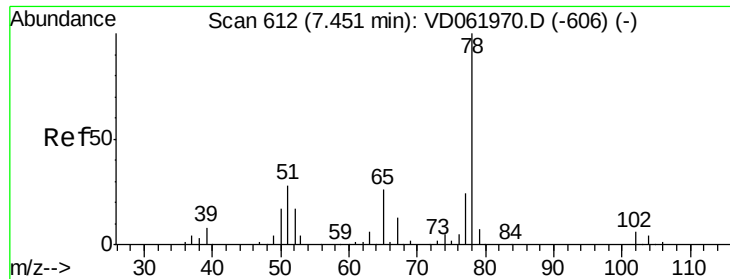
Tot Ion: 56 Resp: 252937  
Ion Ratio Lower Upper  
56 100  
69 34.6 25.8 38.6  
84 98.2 72.2 108.4



#32  
1,1,1-Trichloroethane  
Concen: 52.161 ug/l  
RT: 6.85 min Scan# 552  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Tgt Ion: 97 Resp: 397538  
Ion Ratio Lower Upper  
97 100  
99 67.2 52.2 78.2  
61 41.2 32.4 48.6

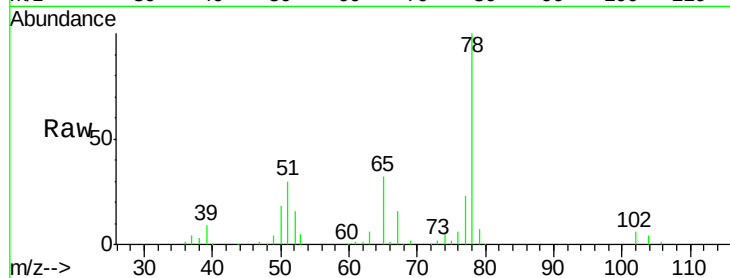




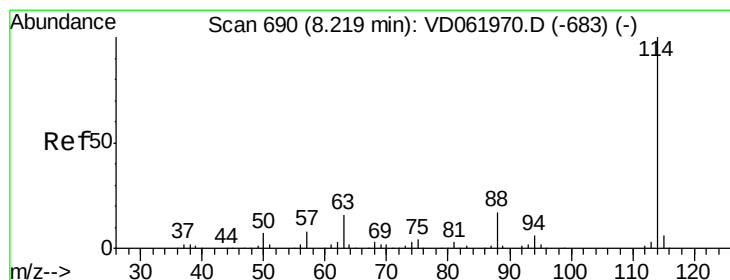
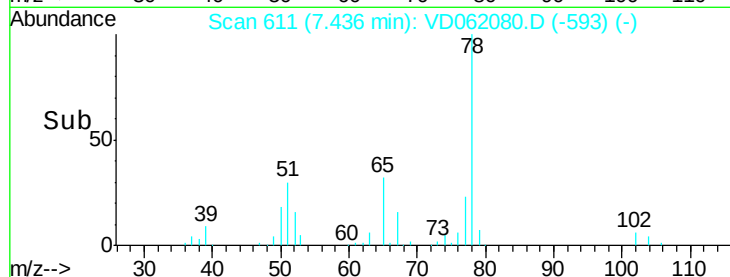
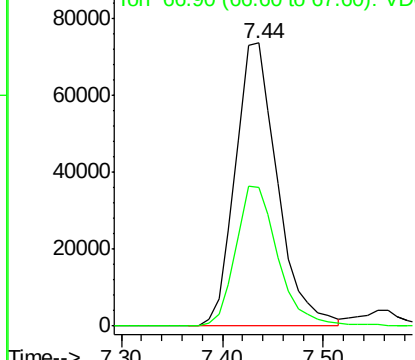
#33  
 1,2-Dichloroethane-d4  
 Concen: 55.785 ug/l  
 RT: 7.44 min Scan# 611  
 Delta R.T. -0.02 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 65 Resp: 214378  
 Ion Ratio Lower Upper  
 65 100  
 67 48.9 0.0 98.0

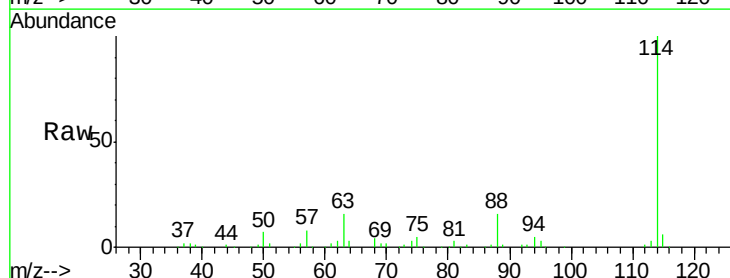


Abundance Ion 64.95 (64.65 to 65.65): VDC  
 Ion 66.90 (66.60 to 67.60): VDC

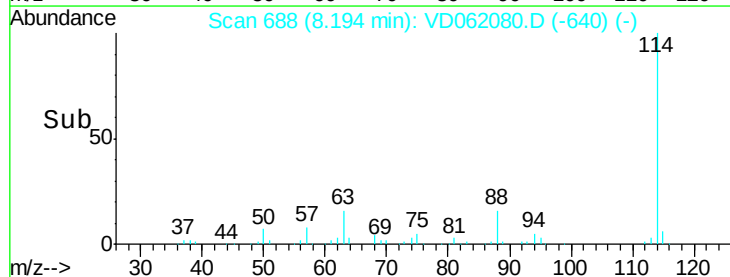
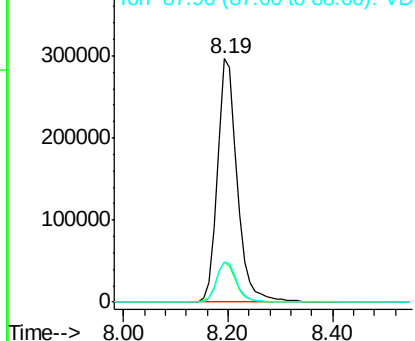


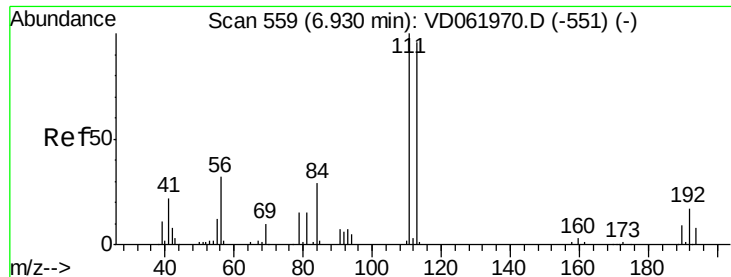
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.19 min Scan# 688  
 Delta R.T. -0.03 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

Tgt Ion: 114 Resp: 782171  
 Ion Ratio Lower Upper  
 114 100  
 63 16.3 0.0 32.4  
 88 16.3 0.0 33.6



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

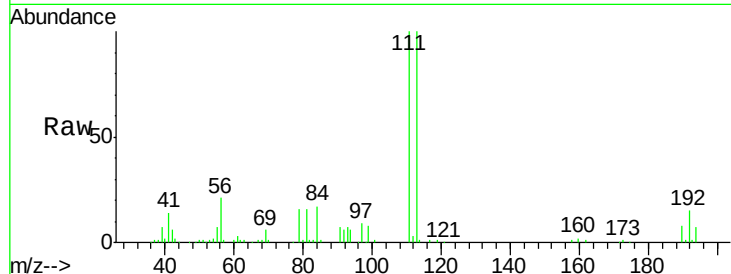




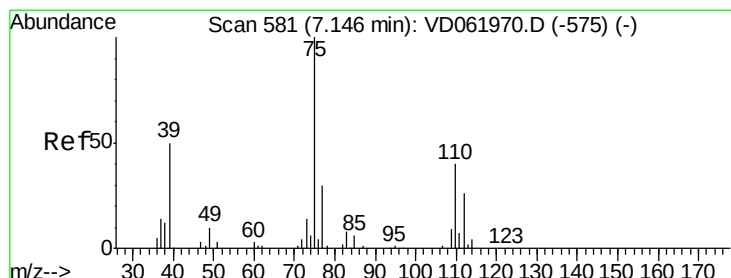
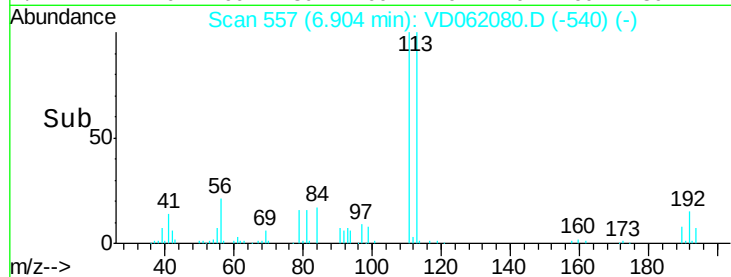
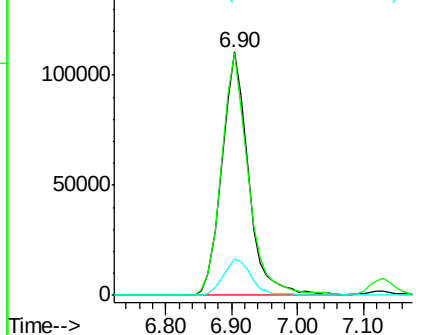
#35  
Dibromofluoromethane  
Concen: 58.226 ug/l  
RT: 6.90 min Scan# 557  
Delta R.T. -0.03 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:113 Resp: 314972  
Ion Ratio Lower Upper  
113 100  
111 99.5 78.5 117.7  
192 14.7 13.0 19.4

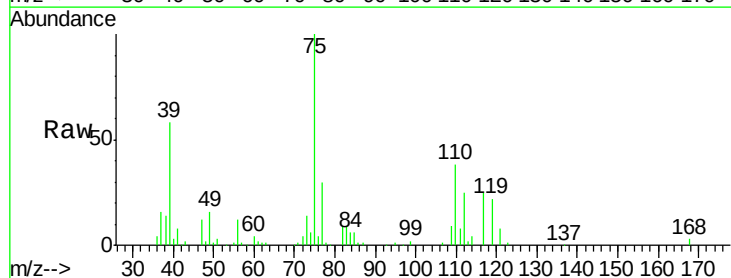


Abundance Ion 112.90 (112.60 to 113.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 191.80 (191.50 to 192.50): V

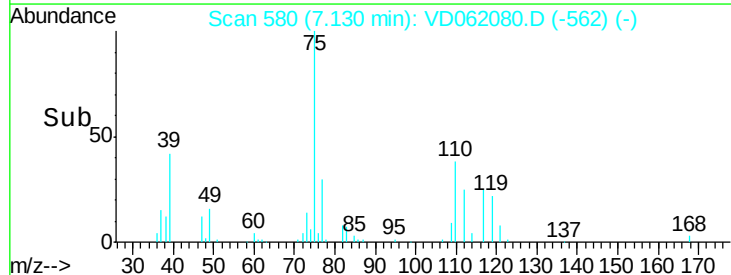
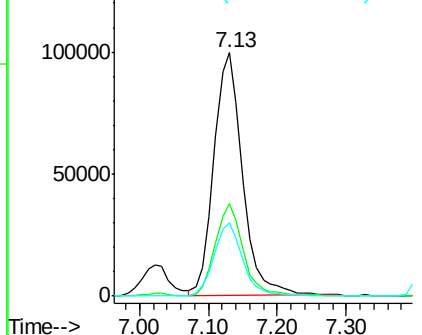


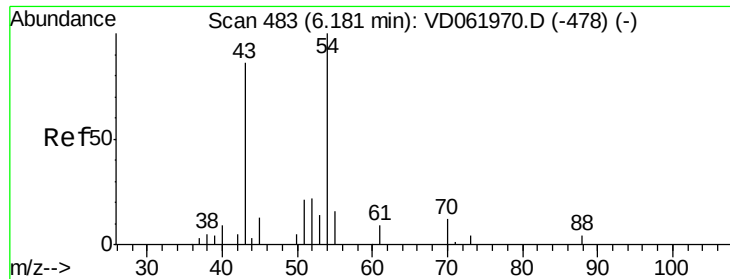
#36  
1,1-Dichloropropene  
Concen: 46.870 ug/l  
RT: 7.13 min Scan# 580  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Tgt Ion: 75 Resp: 285625  
Ion Ratio Lower Upper  
75 100  
110 38.2 19.1 57.1  
77 30.4 25.6 38.4



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

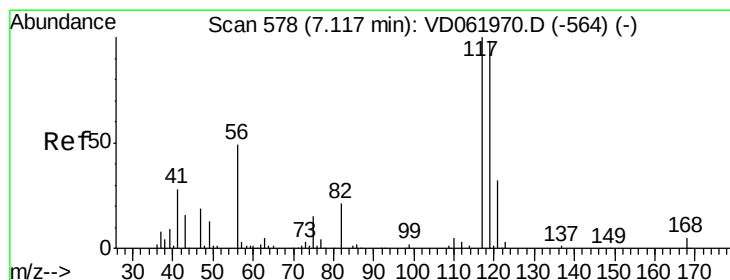
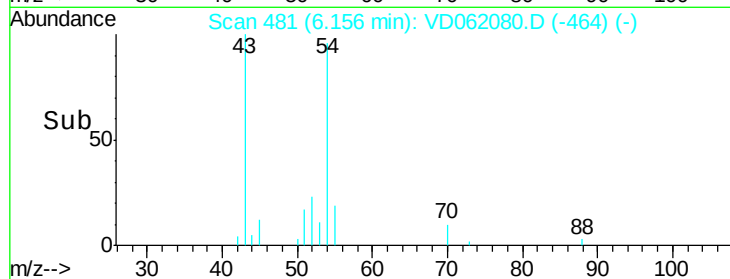
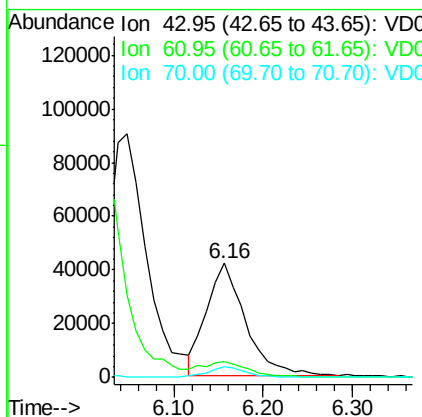
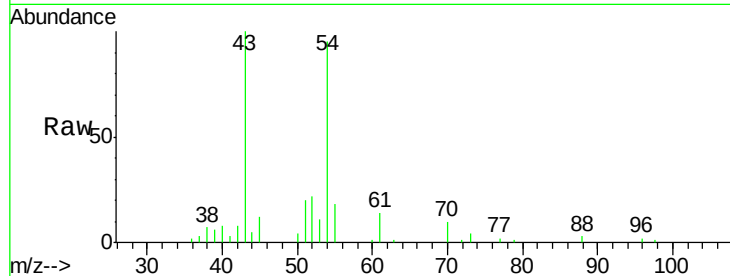




#37  
Ethyl Acetate  
Concen: 49.209 ug/l  
RT: 6.16 min Scan# 481  
Delta R.T. -0.03 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

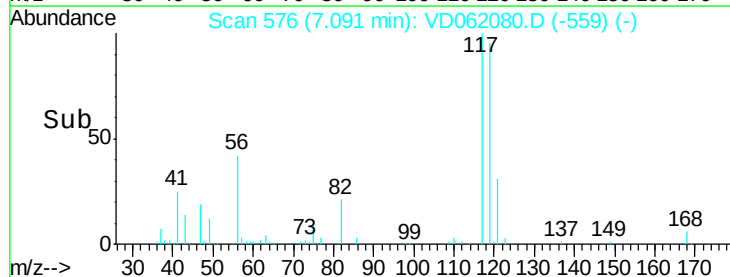
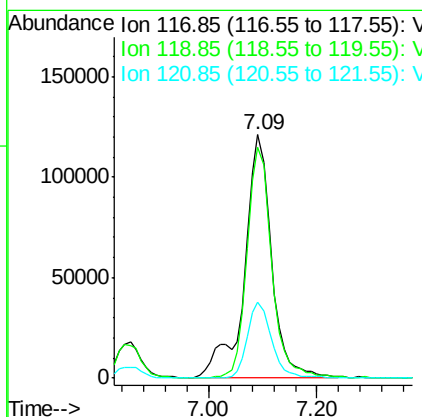
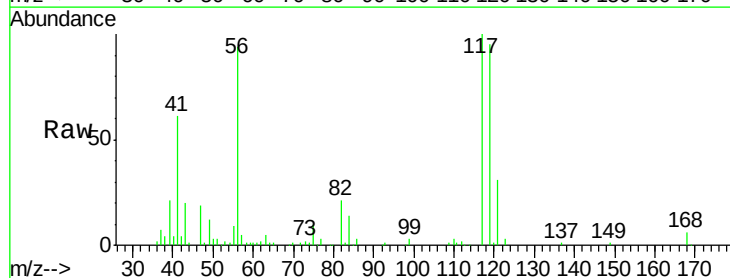
Instrument :  
MSVOA\_D  
ClientSampled :

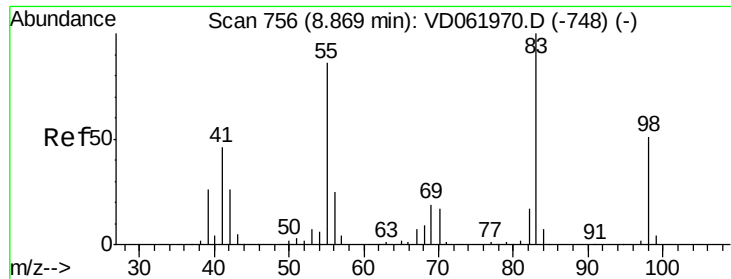
Tot Ion: 43 Resp: 127789  
Ion Ratio Lower Upper  
43 100  
61 13.6 14.7 22.1#  
70 9.8 7.8 11.6



#38  
Carbon Tetrachloride  
Concen: 54.912 ug/l  
RT: 7.09 min Scan# 576  
Delta R.T. -0.03 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Tgt Ion: 117 Resp: 424036  
Ion Ratio Lower Upper  
117 100  
119 94.8 75.8 113.8  
121 31.0 25.9 38.9

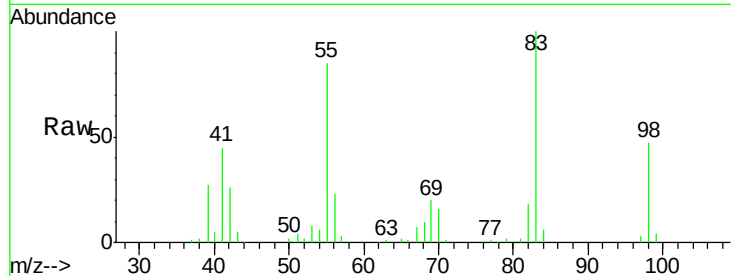




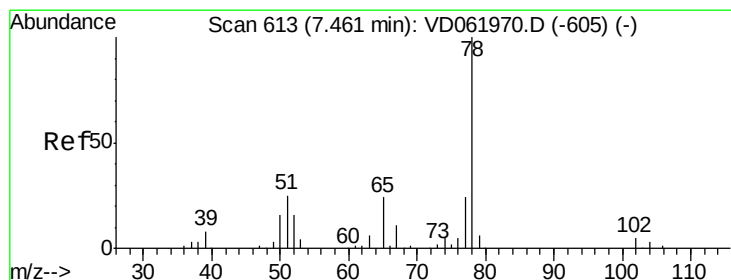
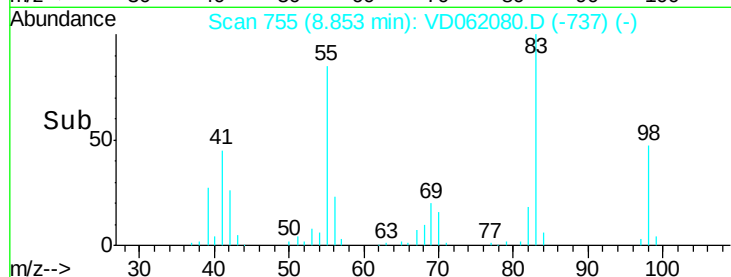
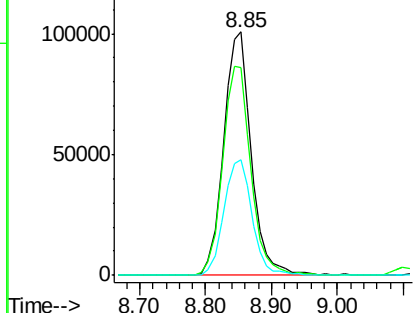
#39  
Methylvlcyclohexane  
Concen: 49.003 ug/l  
RT: 8.85 min Scan# 755  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 83 Resp: 294626  
Ion Ratio Lower Upper  
83 100  
55 85.2 68.2 102.4  
98 47.3 38.2 57.4

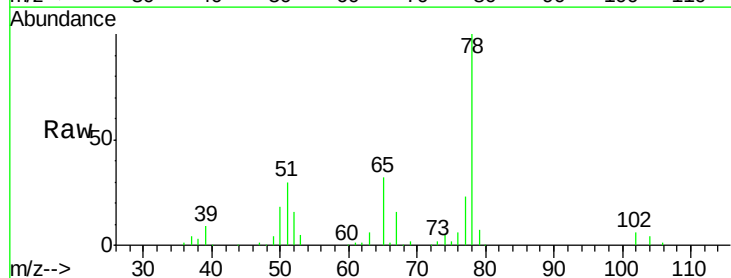


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

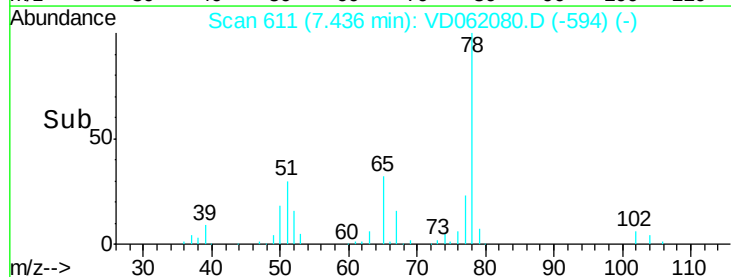
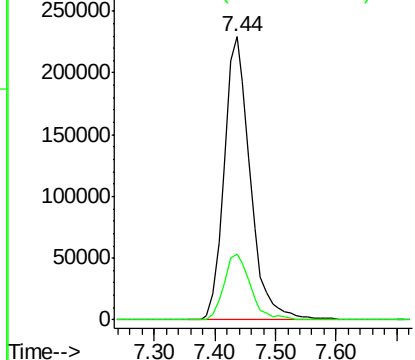


#40  
Benzene  
Concen: 45.298 ug/l  
RT: 7.44 min Scan# 611  
Delta R.T. -0.03 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

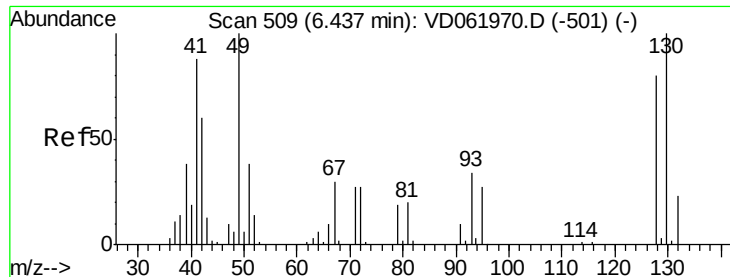
Tgt Ion: 78 Resp: 683387  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.7 29.5



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



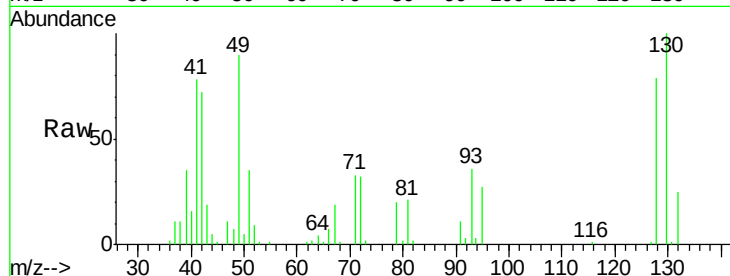




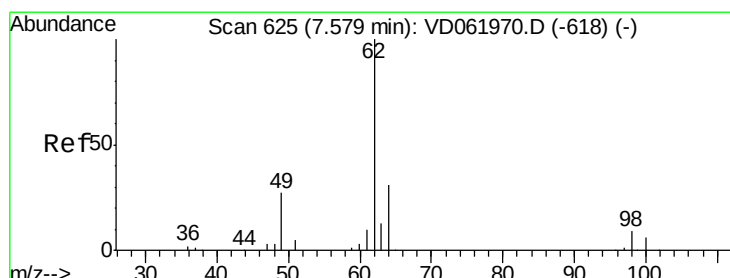
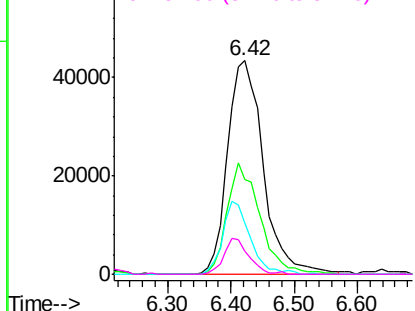
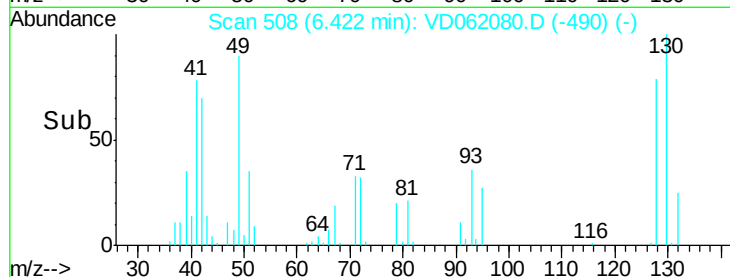
#41  
Methacrylonitrile  
Concen: 56.099 ug/l  
RT: 6.42 min Scan# 508  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Instrument :  
MSVOA\_D  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 169978 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 44.4  | 34.1  | 51.1   |
| 67       | 24.0  | 23.8  | 35.6   |
| 52       | 11.1  | 8.8   | 13.2   |

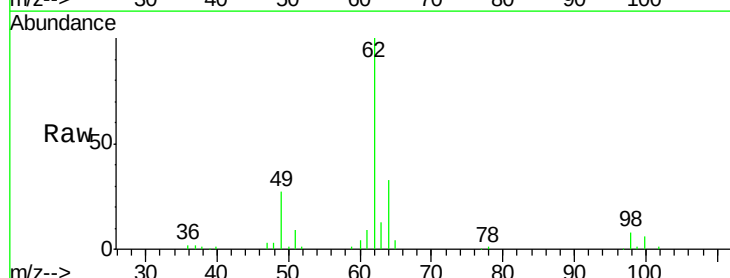


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

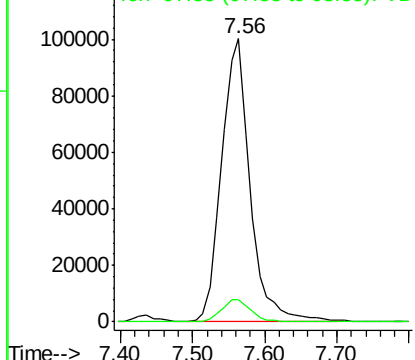
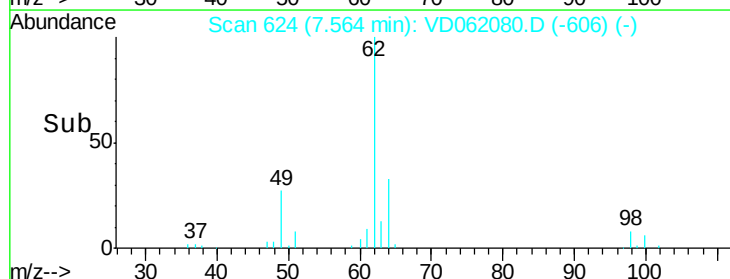


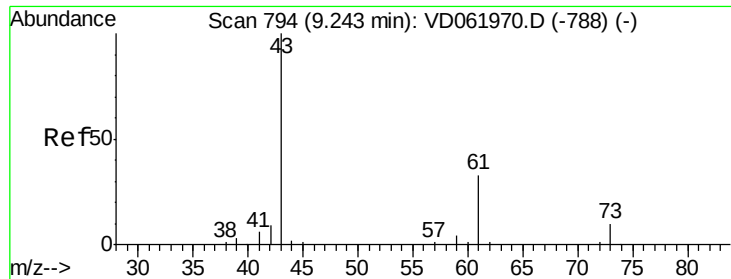
#42  
1,2-Dichloroethane  
Concen: 53.631 ug/l  
RT: 7.56 min Scan# 624  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 274724 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.1   | 0.0   | 17.8   |



Abundance Ion 61.95 (61.65 to 62.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC

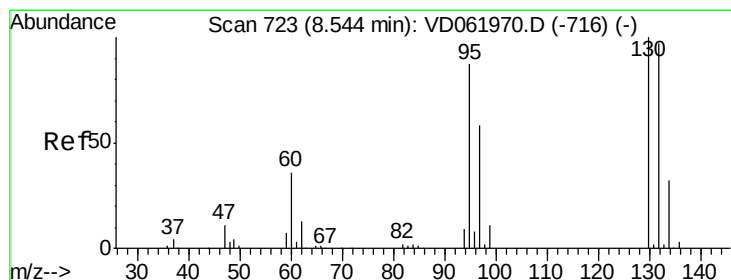
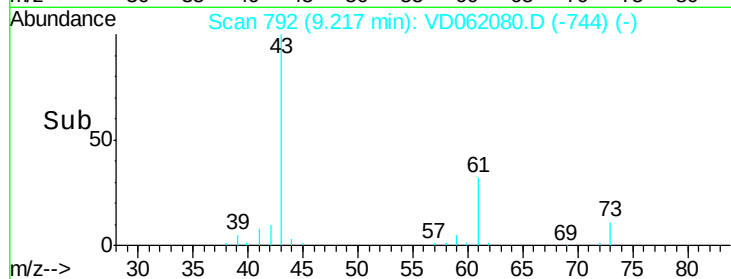
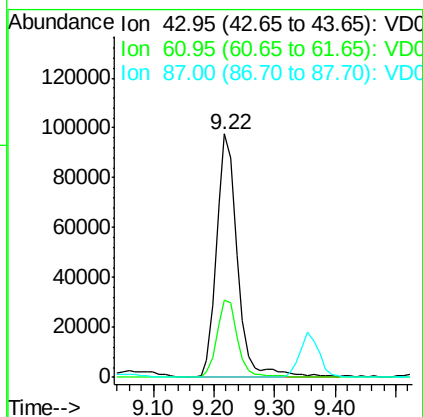
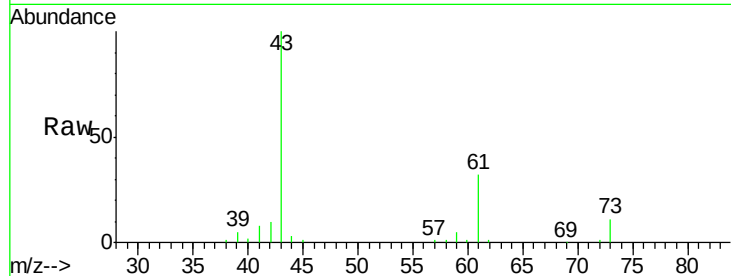




#43  
Isopropyl Acetate  
Concen: 61.727 ug/l  
RT: 9.22 min Scan# 792  
Delta R.T. -0.03 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

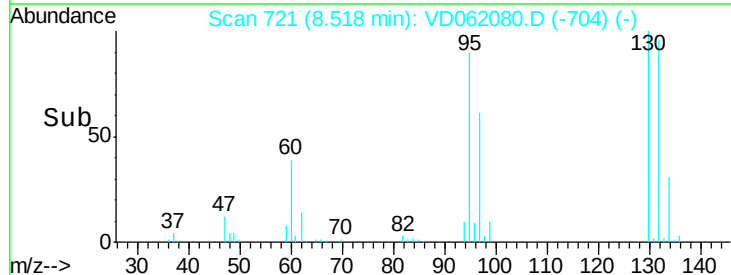
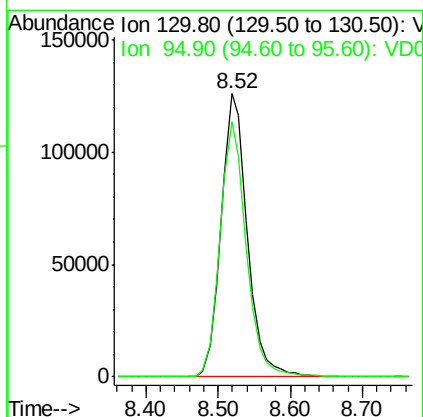
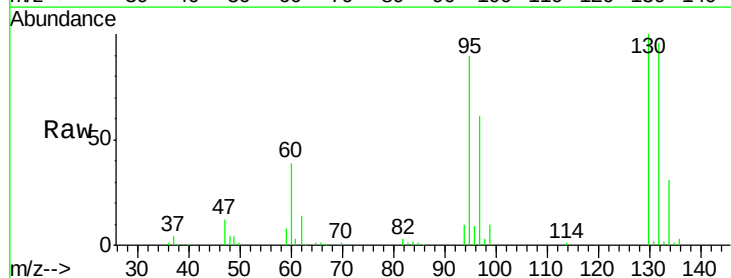
Instrument :  
MSVOA\_D  
ClientSampleId :

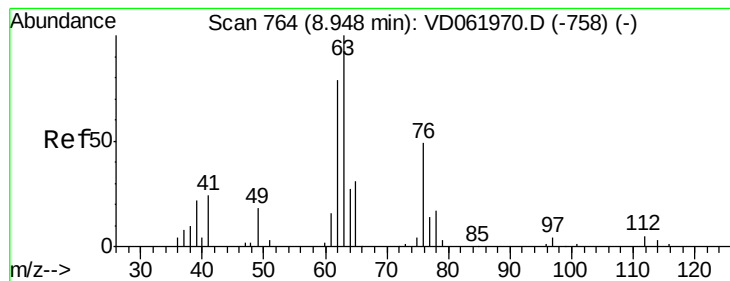
Tot Ion: 43 Resp: 234212  
Ion Ratio Lower Upper  
43 100  
61 31.9 25.1 37.7  
87 0.0 0.0 0.0



#44  
Trichloroethene  
Concen: 53.899 ug/l  
RT: 8.52 min Scan# 721  
Delta R.T. -0.03 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Tgt Ion:130 Resp: 315248  
Ion Ratio Lower Upper  
130 100  
95 90.1 0.0 174.0





#45

1,2-Dichloropropane

Concen: 53.028 ug/l

RT: 8.91 min Scan# 761

Delta R.T. -0.03 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

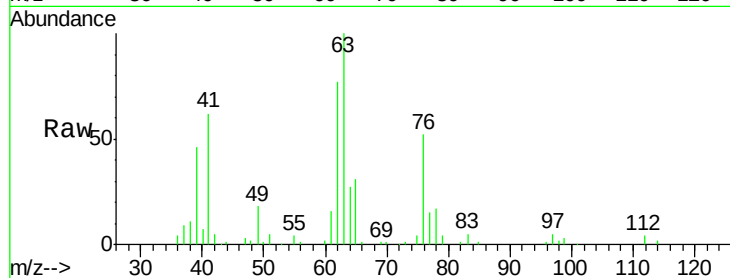
ClientSampled :

Tot Ion: 63 Resp: 202954

Ion Ratio Lower Upper

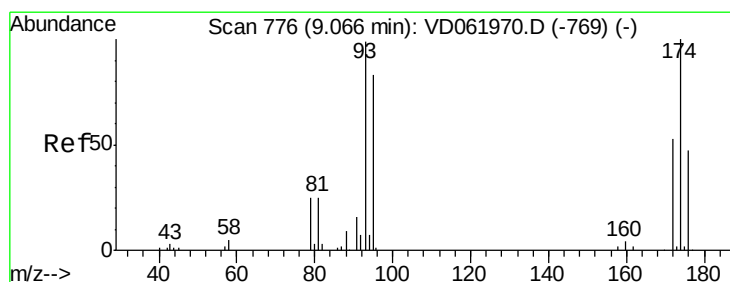
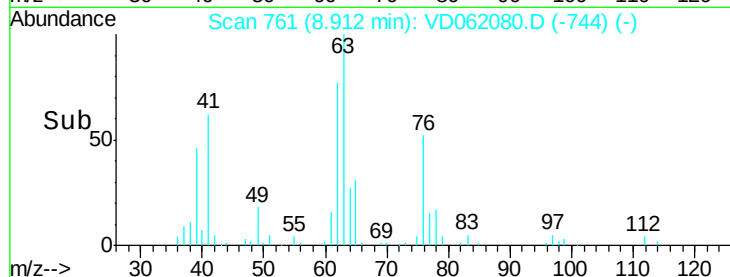
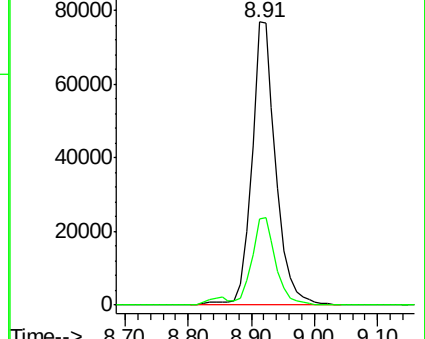
63 100

65 30.5 23.8 35.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 57.009 ug/l

RT: 9.04 min Scan# 774

Delta R.T. -0.03 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

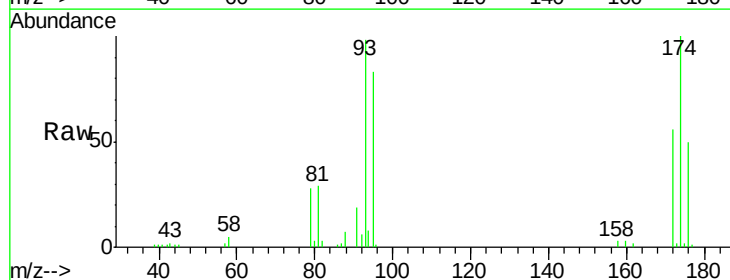
Tgt Ion: 93 Resp: 157002

Ion Ratio Lower Upper

93 100

95 84.6 64.8 97.2

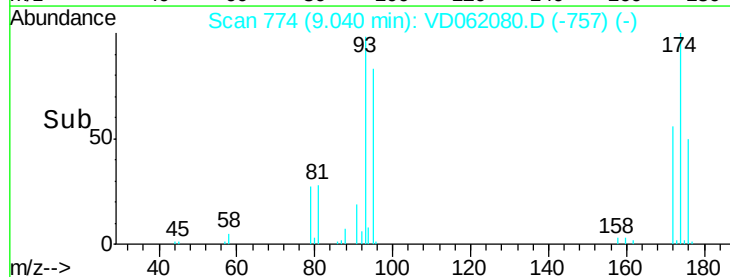
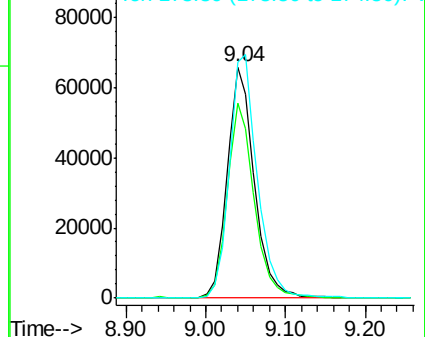
174 101.8 79.3 118.9

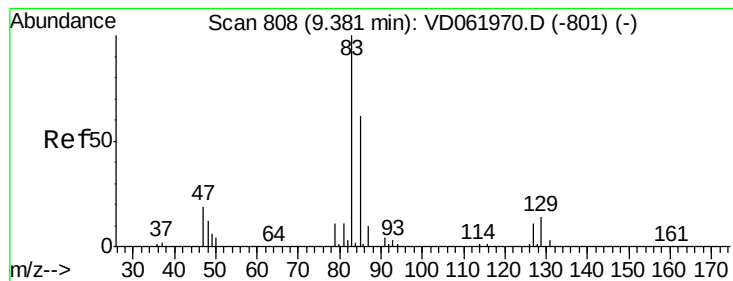


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 59.431 ug/l

RT: 9.36 min Scan# 806

Delta R.T. -0.03 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

ClientSampled :

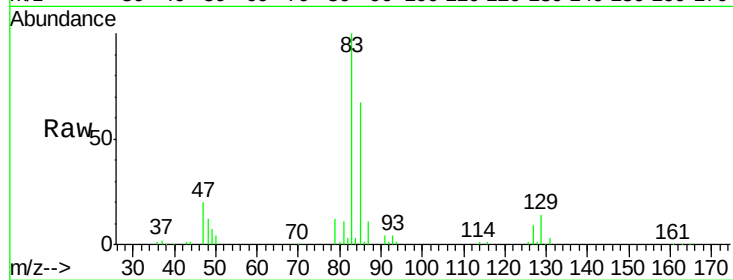
Tot Ion: 83 Resp: 386730

Ion Ratio Lower Upper

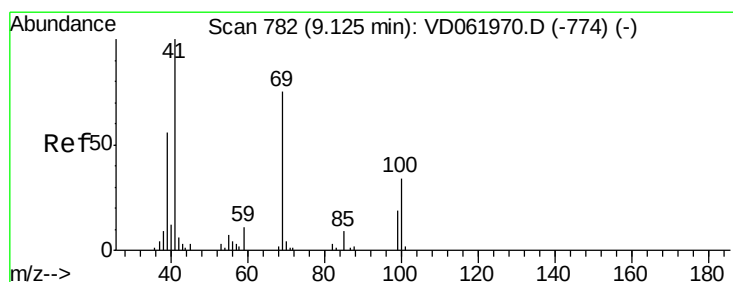
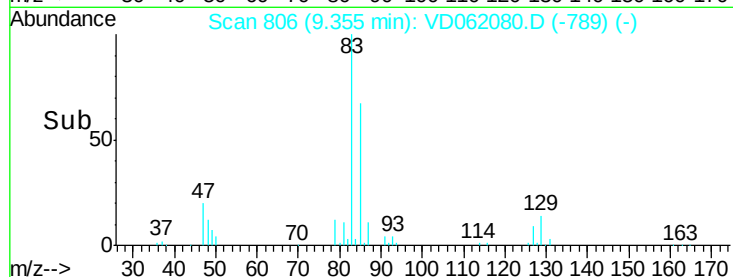
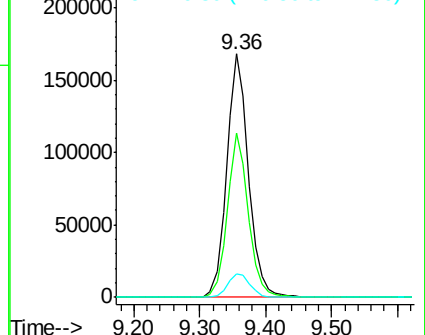
83 100

85 67.4 50.9 76.3

127 9.5 8.1 12.1



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: 56.546 ug/l

RT: 9.10 min Scan# 780

Delta R.T. -0.03 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

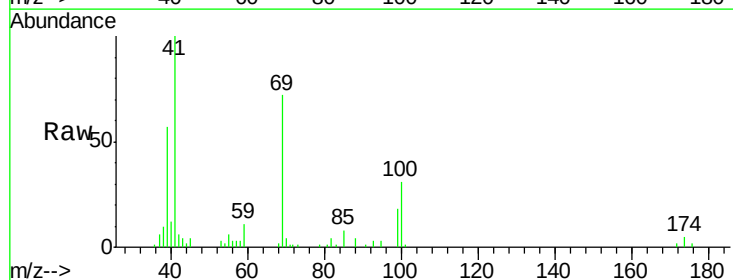
Tgt Ion: 41 Resp: 122416

Ion Ratio Lower Upper

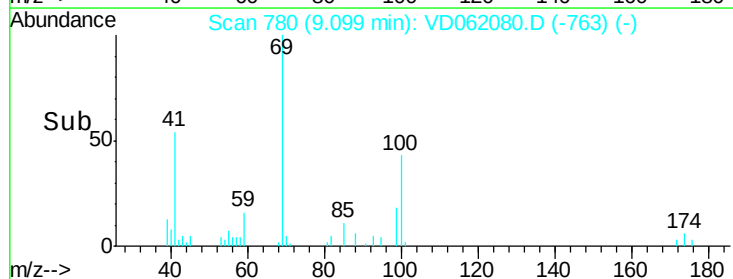
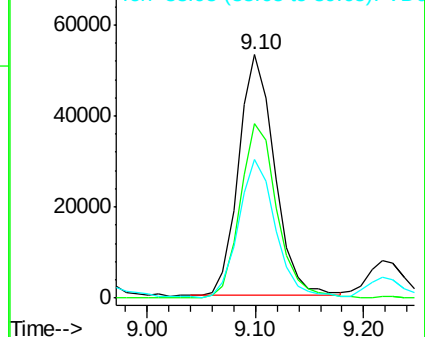
41 100

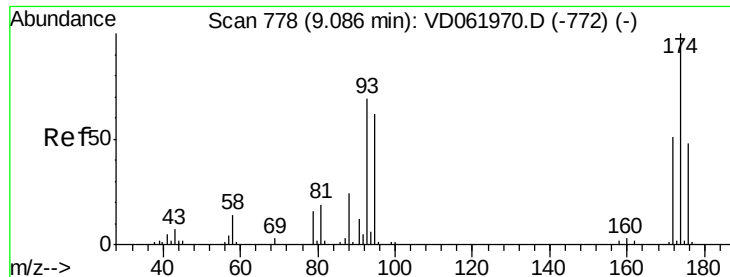
69 71.9 64.2 96.2

39 56.9 46.8 70.2



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

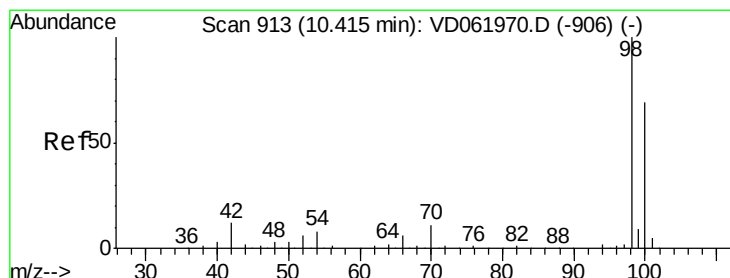
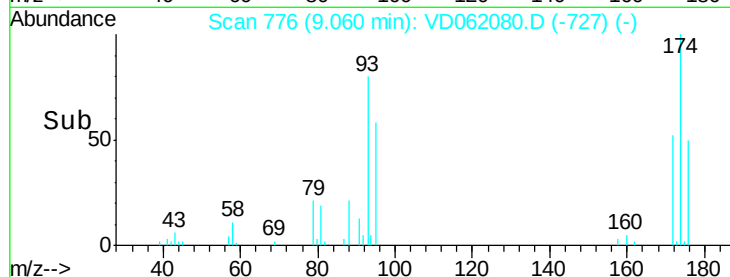
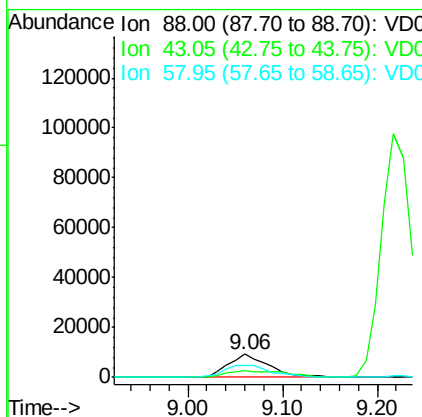
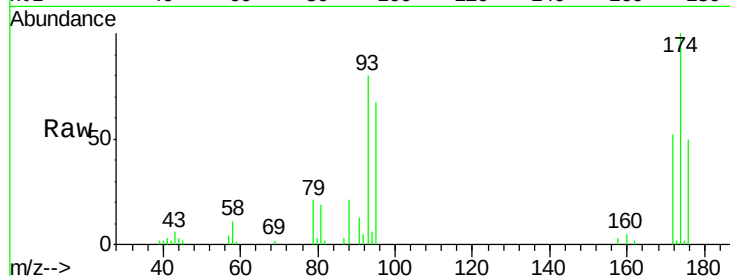




#49  
 1,4-Dioxane  
 Concen: 1177.456 ug/l  
 RT: 9.06 min Scan# 776  
 Delta R.T. -0.02 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

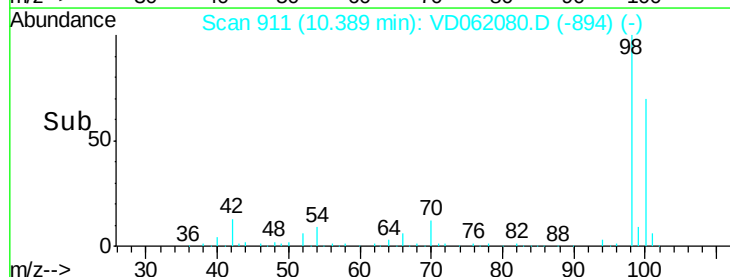
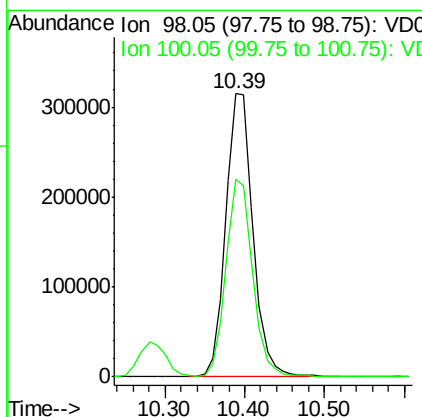
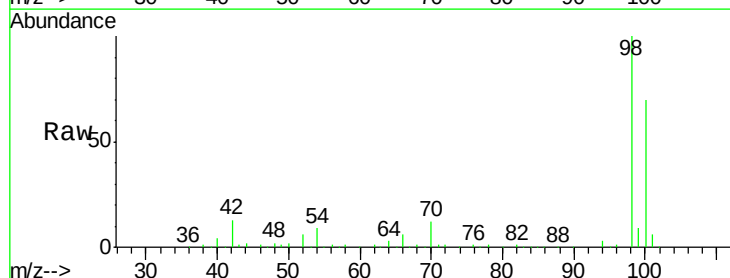
Instrument :  
 MSVOA\_D  
 ClientSampleId :

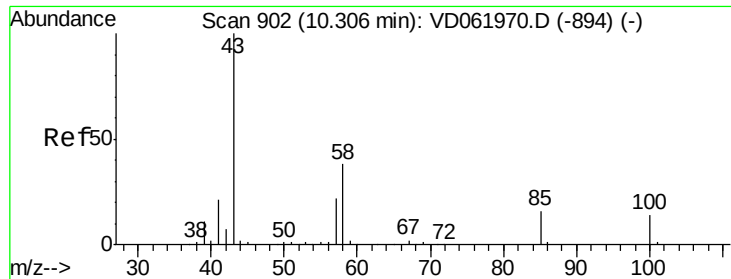
Tot Ion: 88 Resp: 27482  
 Ion Ratio Lower Upper  
 88 100  
 43 28.1 23.4 35.0  
 58 53.0 44.0 66.0



#50  
 Toluene-d8  
 Concen: 58.707 ug/l  
 RT: 10.39 min Scan# 911  
 Delta R.T. -0.03 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

Tgt Ion: 98 Resp: 755661  
 Ion Ratio Lower Upper  
 98 100  
 100 69.9 53.8 80.8





#51

4-Methyl-2-Pentanone

Concen: 310.651 ug/l

RT: 10.28 min Scan# 900

Delta R.T. -0.02 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

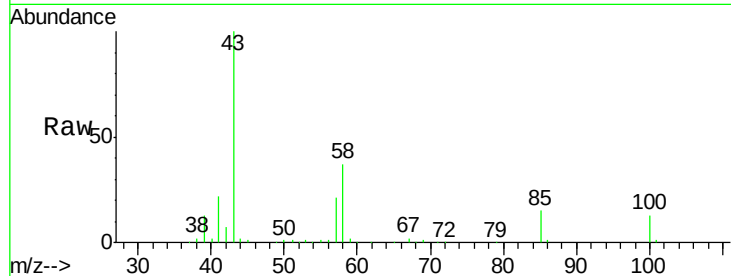
ClientSampleId :

Tot Ion: 43 Resp: 720857

Ion Ratio Lower Upper

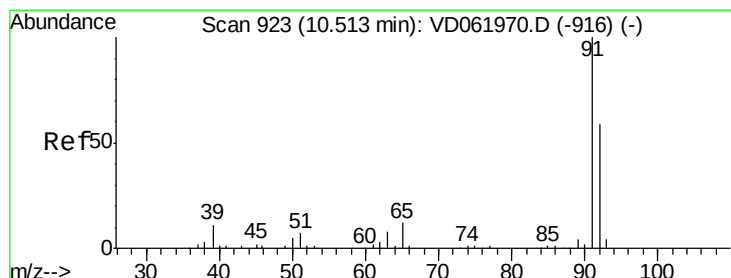
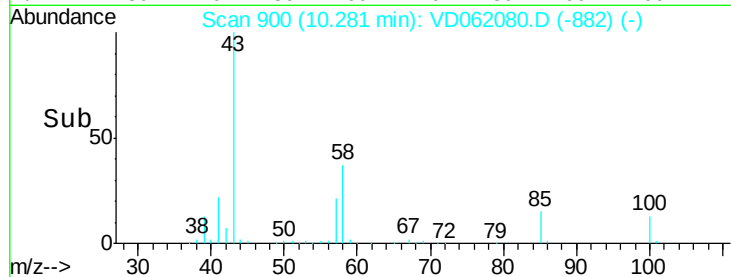
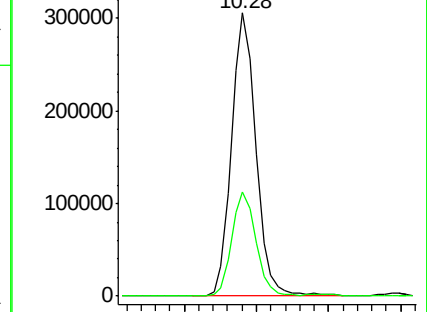
43 100

58 36.7 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 52.529 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.02 min

Lab File: VD062080.D

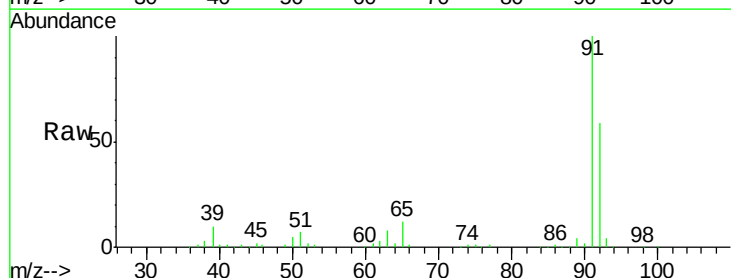
Acq: 30 Apr 2019 00:22

Tgt Ion: 92 Resp: 505298

Ion Ratio Lower Upper

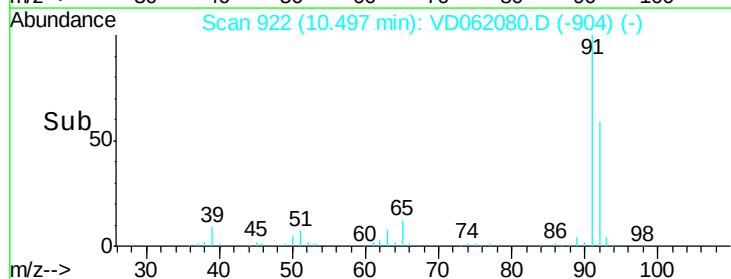
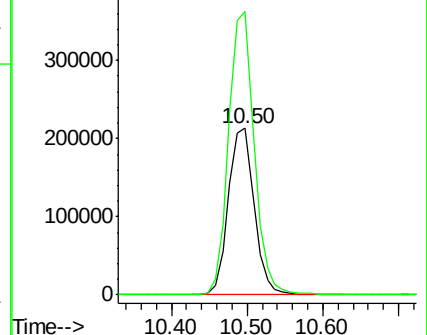
92 100

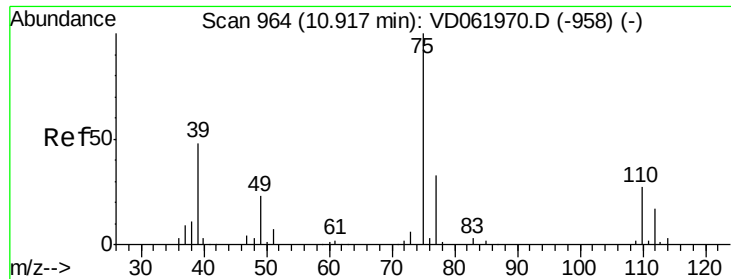
91 170.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

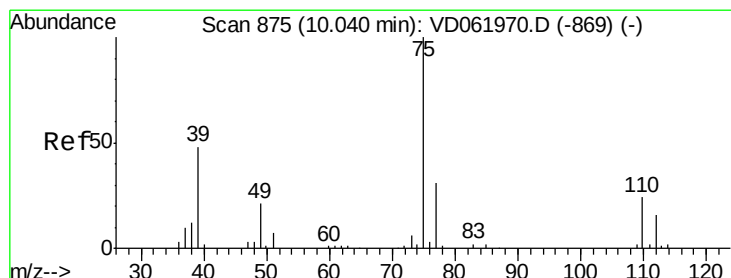
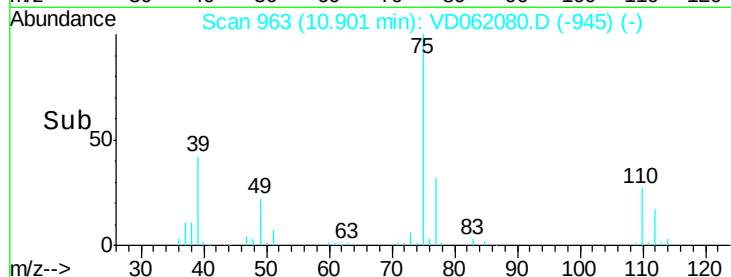
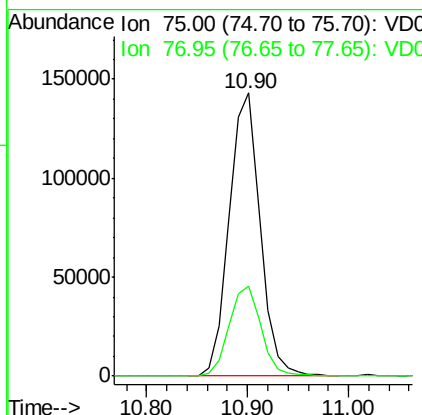
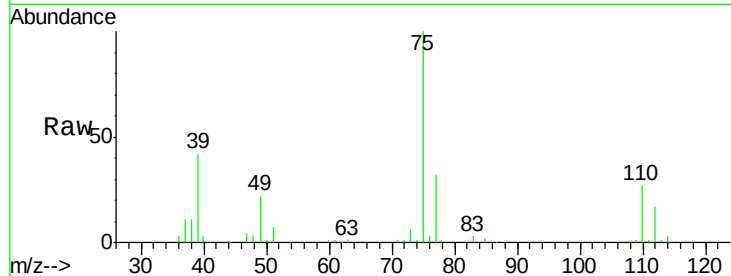




#53  
t-1,3-Dichloropropene  
Concen: 55.951 ug/l  
RT: 10.90 min Scan# 963  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

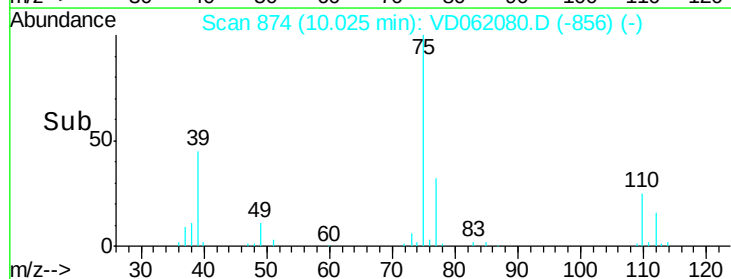
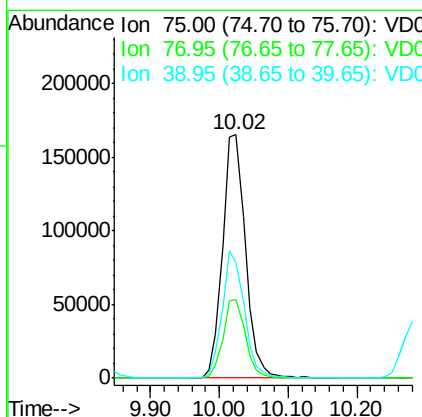
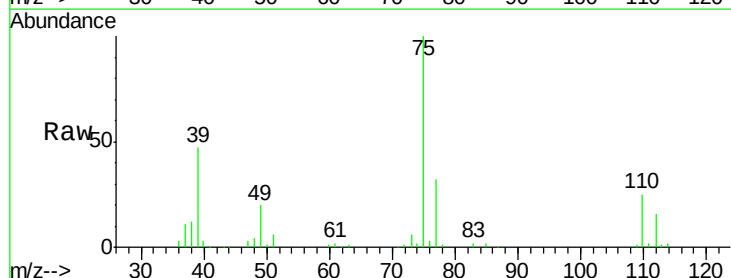
Instrument :  
MSVOA\_D  
ClientSampleId :

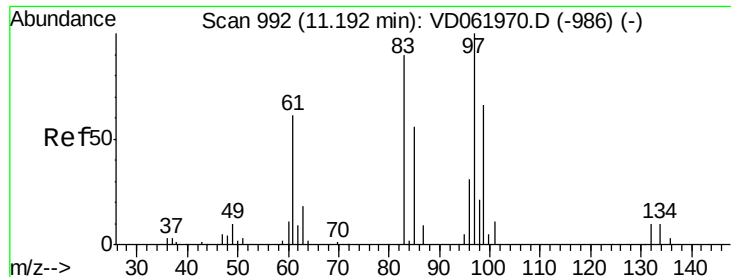
Tot Ion: 75 Resp: 305606  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.8 38.8



#54  
cis-1,3-Dichloropropene  
Concen: 57.647 ug/l  
RT: 10.02 min Scan# 874  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Tgt Ion: 75 Resp: 382959  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.5 38.3  
39 47.3 39.4 59.2

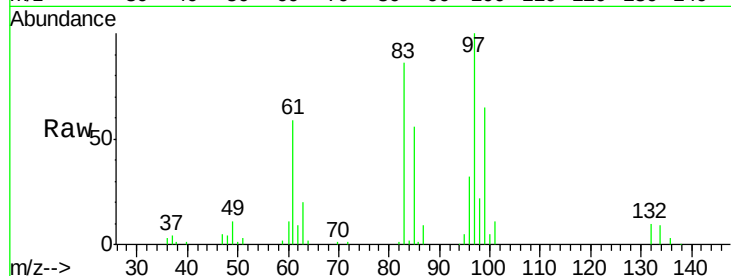




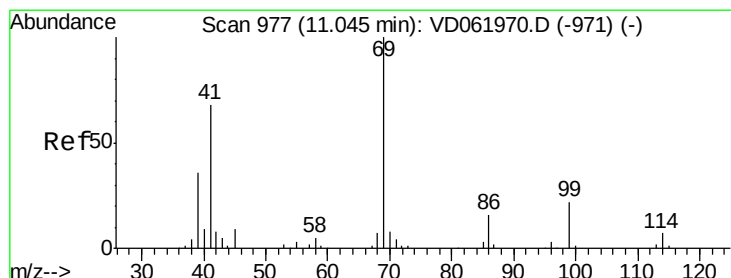
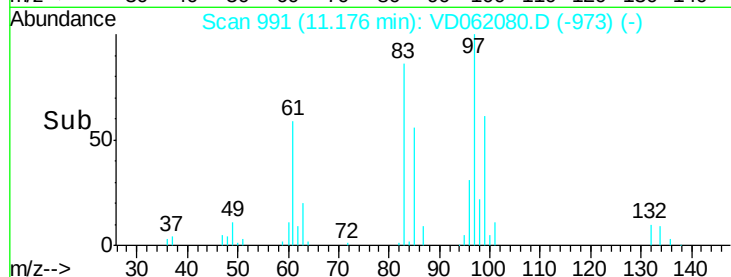
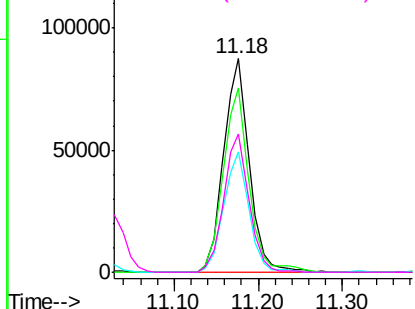
#55  
1,1,2-Trichloroethane  
Concen: 56.987 ug/l  
RT: 11.18 min Scan# 991  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Instrument :  
MSVOA\_D  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 184036 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.4  | 65.7  | 98.5   |
| 85       | 56.2  | 45.6  | 68.4   |
| 99       | 64.7  | 48.4  | 72.6   |

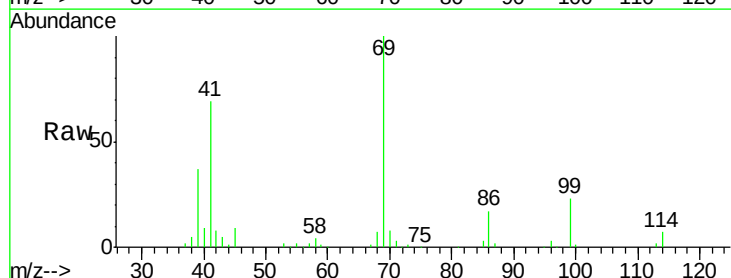


Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 82.95 (82.65 to 83.65): VDC  
Ion 84.95 (84.65 to 85.65): VDC  
Ion 98.85 (98.55 to 99.55): VDC

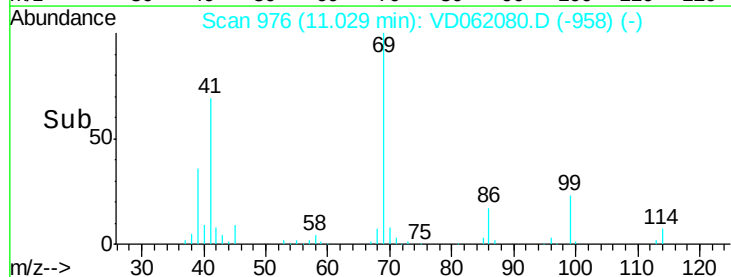
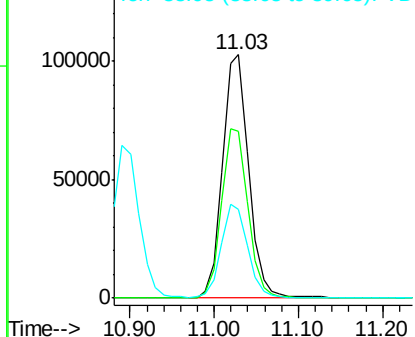


#56  
Ethyl methacrylate  
Concen: 61.788 ug/l  
RT: 11.03 min Scan# 976  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

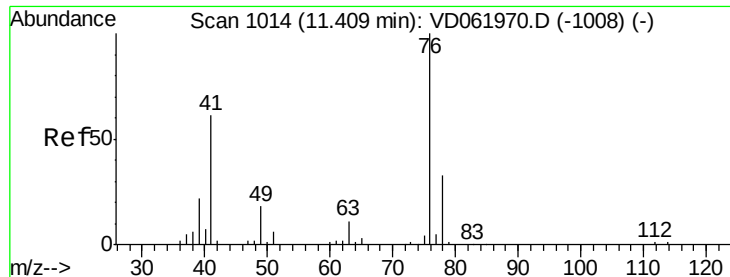
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 221001 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.6  | 56.3  | 84.5   |
| 39       | 36.6  | 29.4  | 44.2   |



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



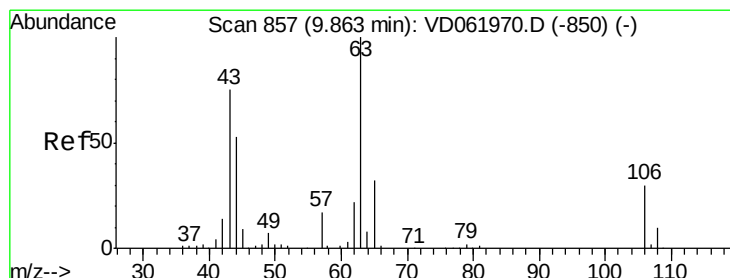
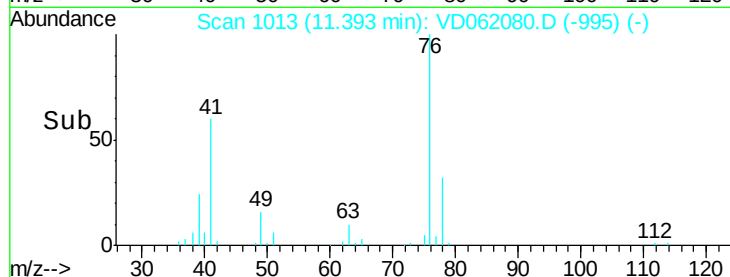
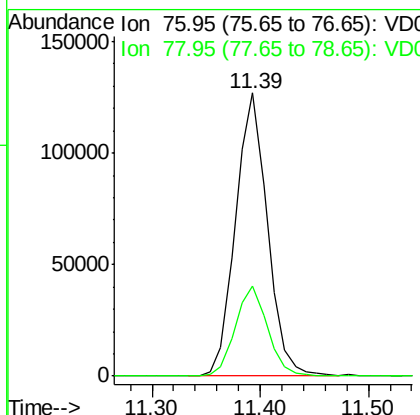
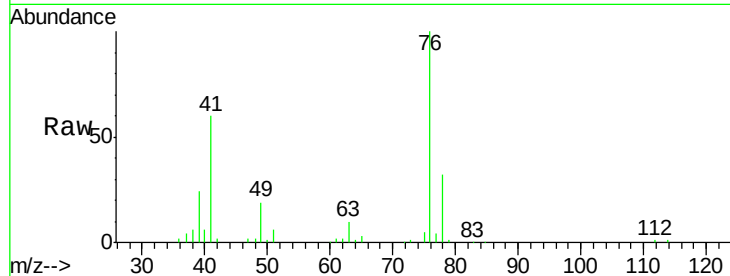




#57  
 1,3-Dichloropropane  
 Concen: 52.058 ug/l  
 RT: 11.39 min Scan# 1013  
 Delta R.T. -0.02 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

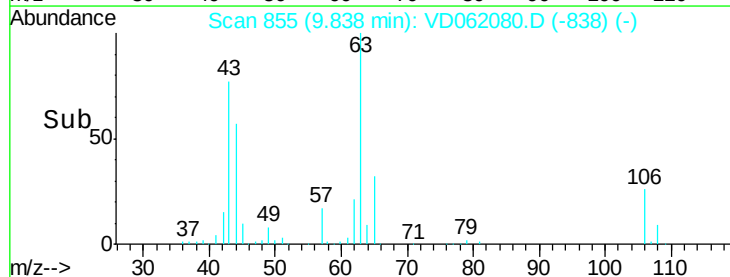
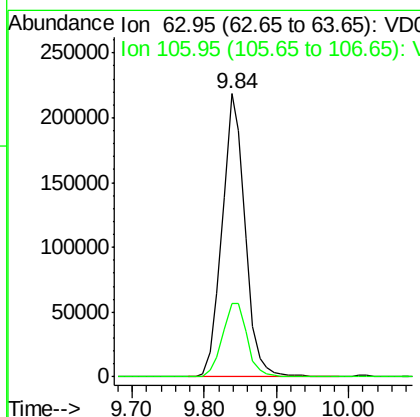
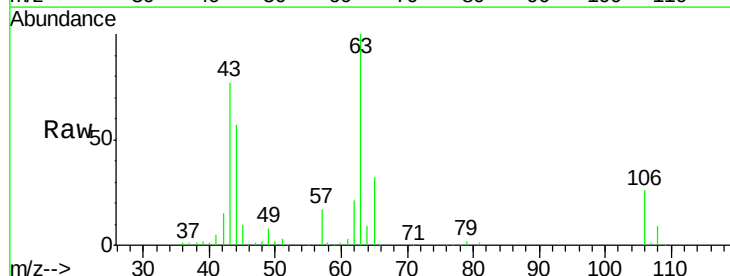
Instrument :  
 MSVOA\_D  
 ClientSampleId :

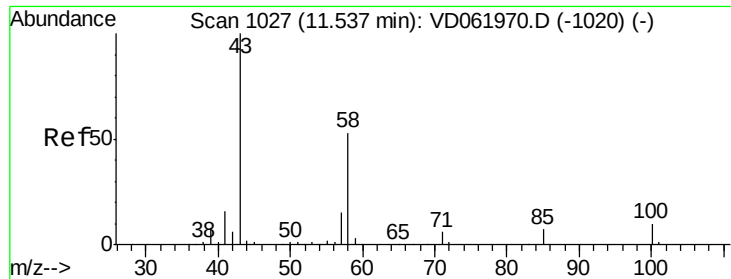
Tot Ion: 76 Resp: 259655  
 Ion Ratio Lower Upper  
 76 100  
 78 31.6 26.2 39.2



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 288.582 ug/l  
 RT: 9.84 min Scan# 855  
 Delta R.T. -0.03 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

Tgt Ion: 63 Resp: 479891  
 Ion Ratio Lower Upper  
 63 100  
 106 25.9 22.6 34.0

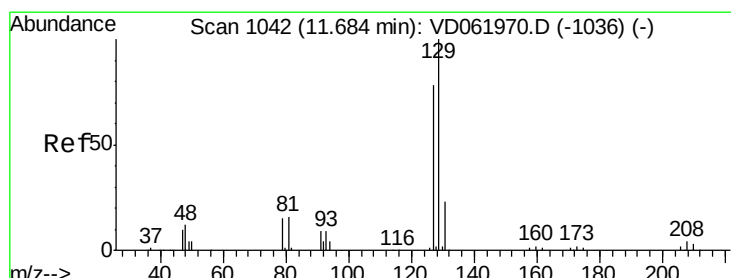
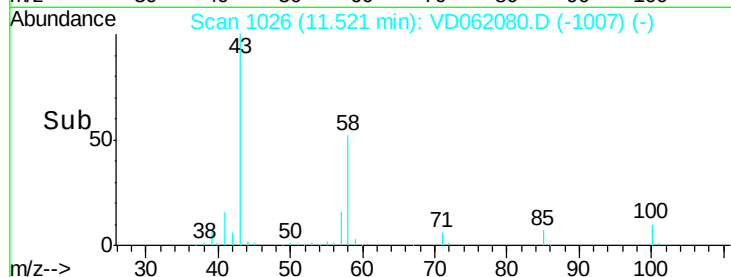
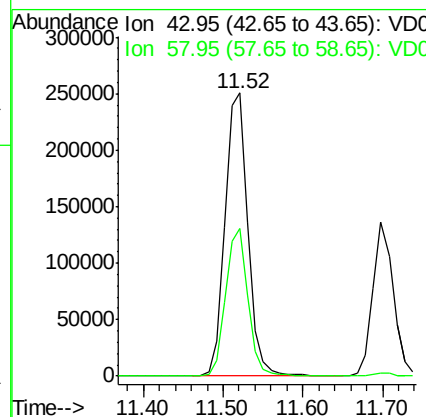
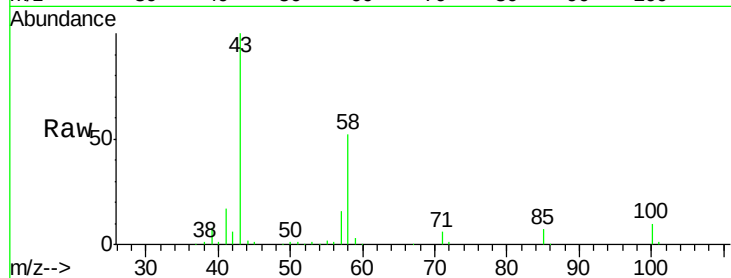




#59  
2-Hexanone  
Concen: 292.676 ug/l  
RT: 11.52 min Scan# 1026  
Delta R.T. -0.01 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

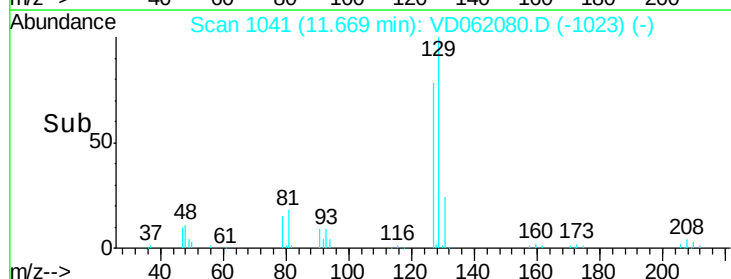
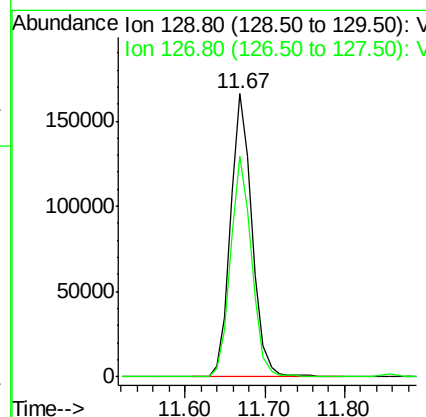
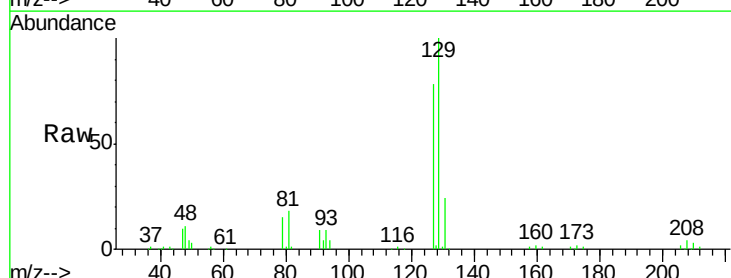
Instrument :  
MSVOA\_D  
ClientSampled :

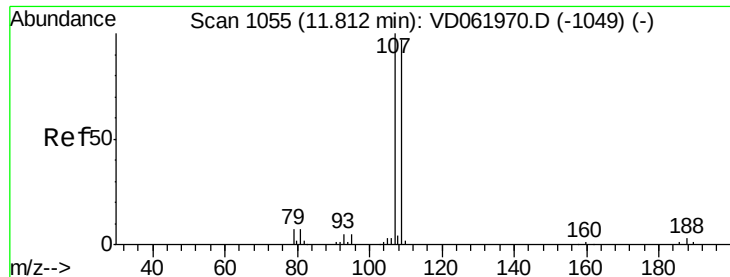
Tot Ion: 43 Resp: 509457  
Ion Ratio Lower Upper  
43 100  
58 52.0 25.4 76.4



#60  
Dibromochloromethane  
Concen: 59.151 ug/l  
RT: 11.67 min Scan# 1041  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Tgt Ion: 129 Resp: 316076  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.0 113.9





#61

1,2-Dibromoethane

Concen: 57.767 ug/l

RT: 11.79 min Scan# 1053

Delta R.T. -0.02 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

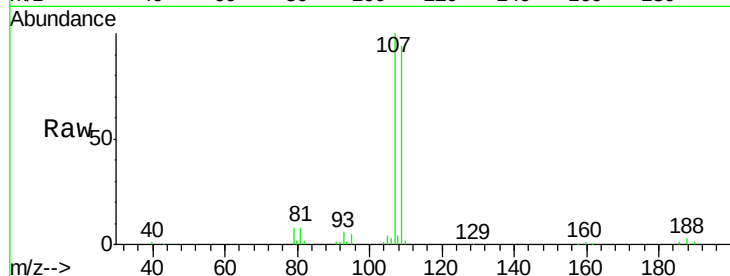
ClientSampled :

Tot Ion:107 Resp: 221300

Ion Ratio Lower Upper

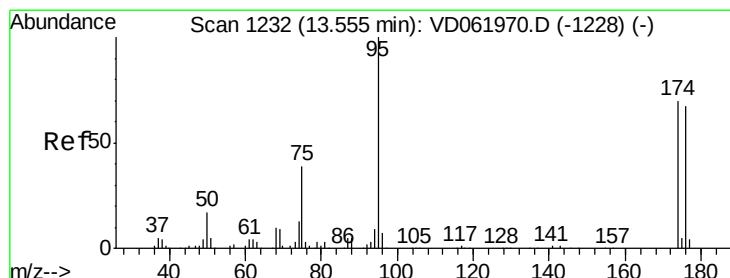
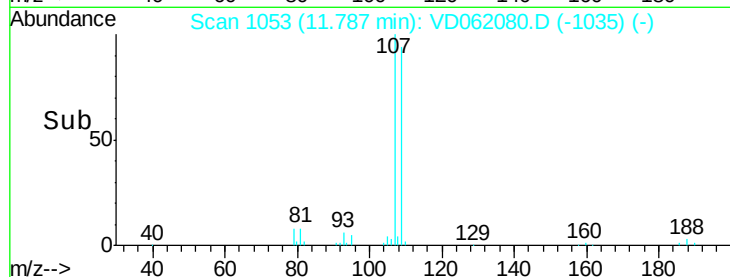
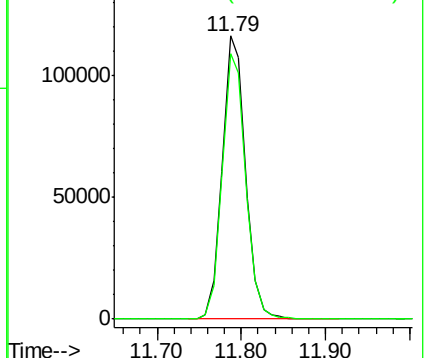
107 100

109 93.6 78.3 117.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 62.231 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

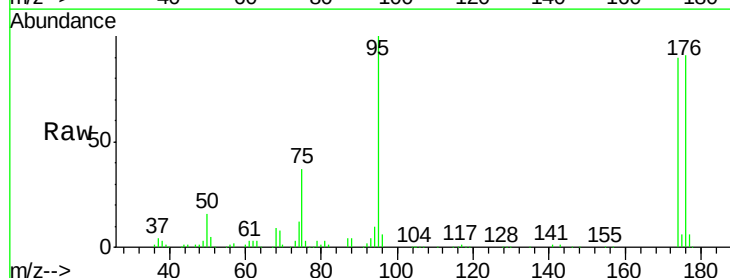
Tgt Ion: 95 Resp: 321287

Ion Ratio Lower Upper

95 100

174 90.1 0.0 181.8

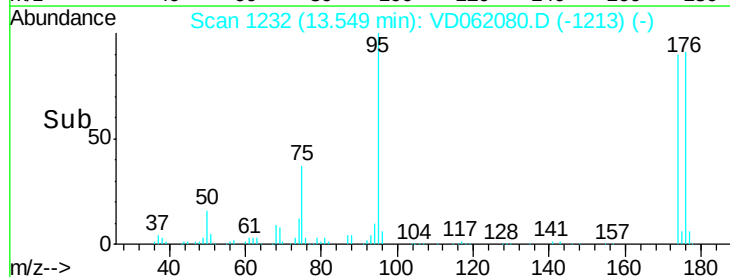
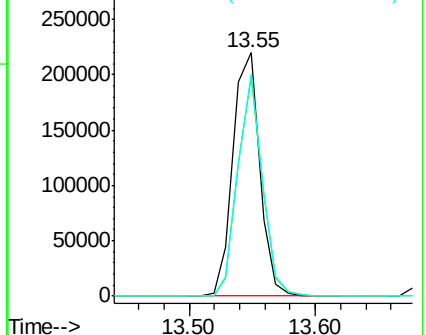
176 91.3 0.0 174.4

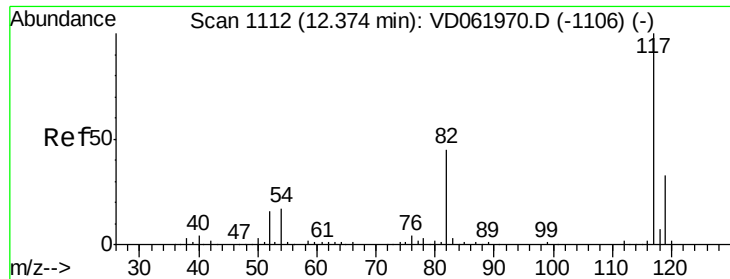


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

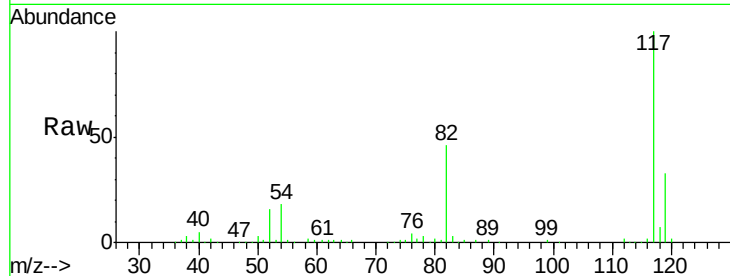




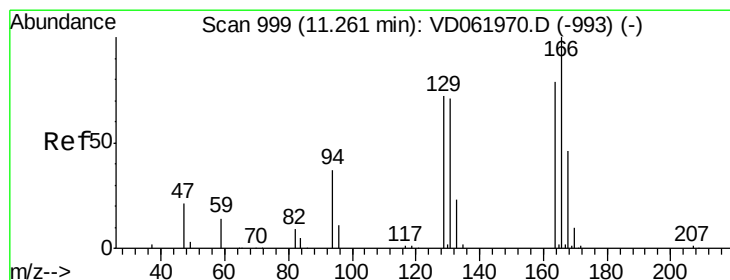
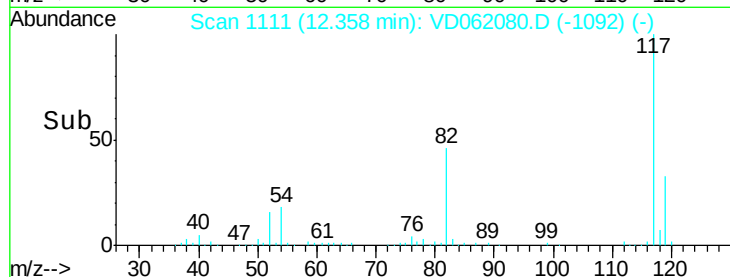
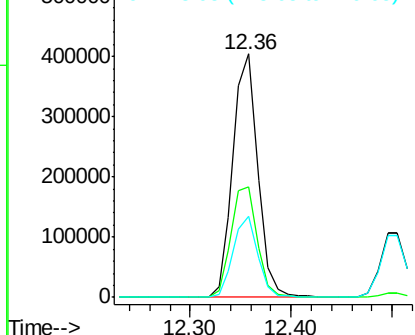
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. -0.01 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:117 Resp: 694307  
Ion Ratio Lower Upper  
117 100  
82 45.6 36.2 54.2  
119 33.2 26.2 39.4

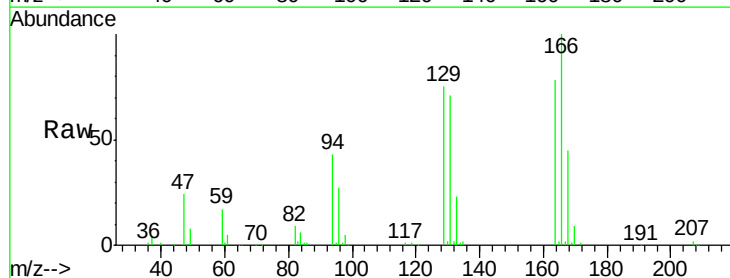


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

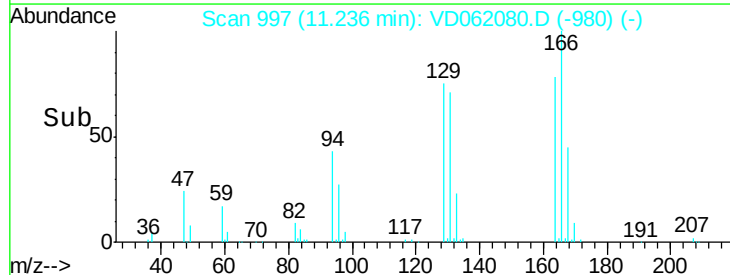
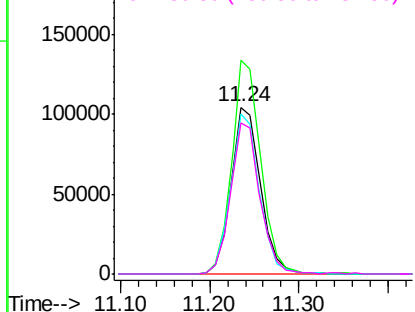


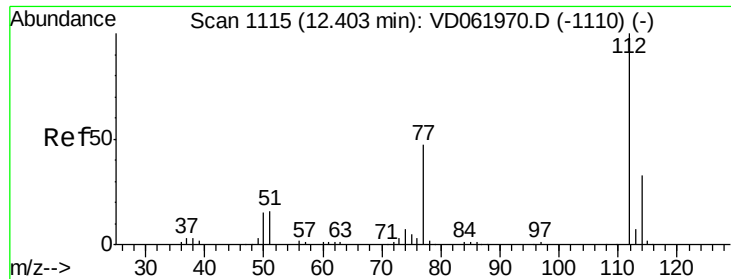
#64  
Tetrachloroethene  
Concen: 48.600 ug/l  
RT: 11.24 min Scan# 997  
Delta R.T. -0.03 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Tgt Ion:164 Resp: 240711  
Ion Ratio Lower Upper  
164 100  
166 128.4 101.5 152.3  
129 96.3 74.6 112.0  
131 91.0 72.6 108.8



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

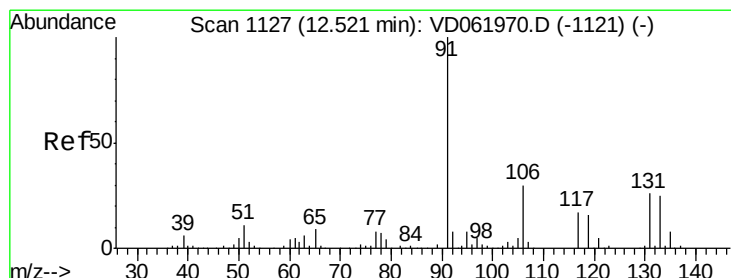
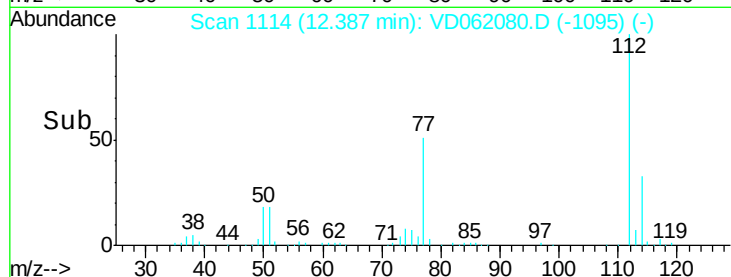
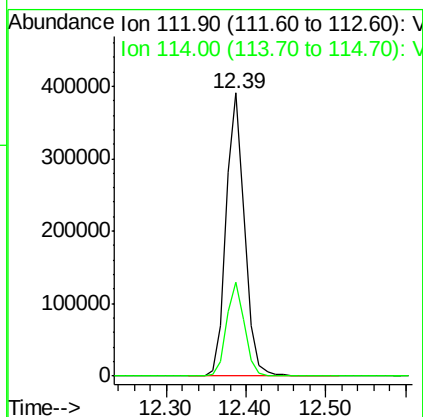
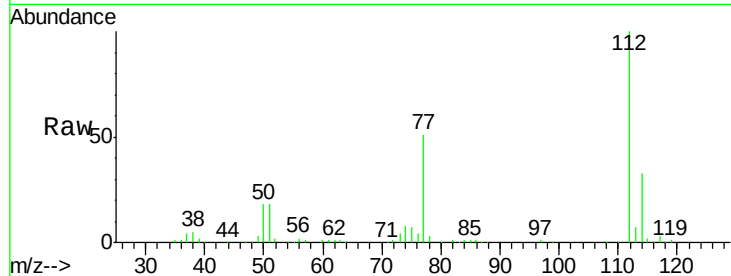




#65  
Chlorobenzene  
Concen: 48.579 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. -0.01 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

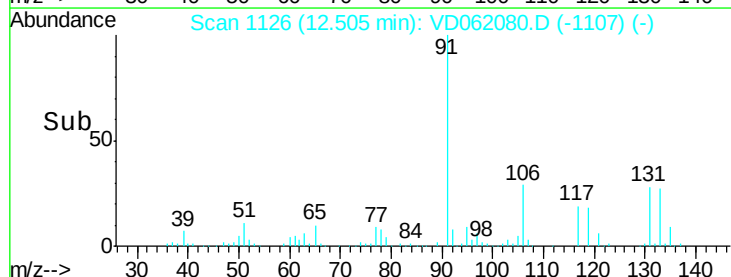
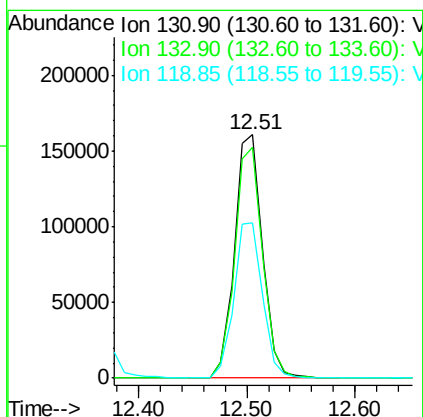
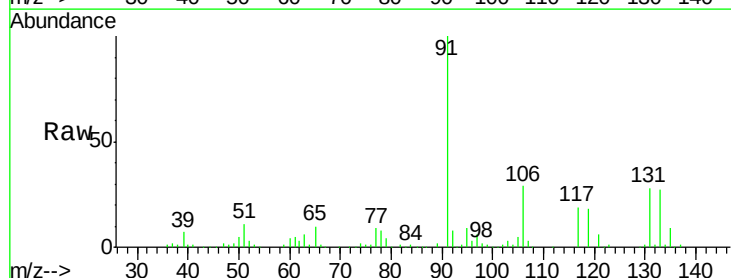
Instrument :  
MSVOA\_D  
ClientSampled :

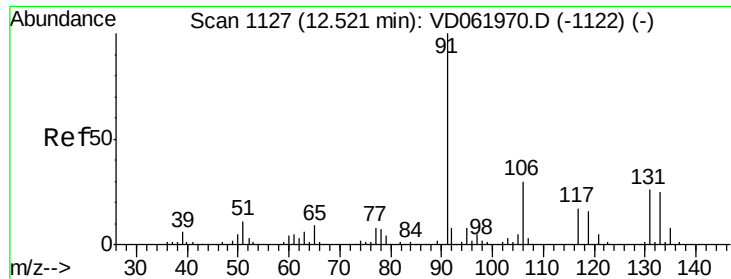
Tot Ion:112 Resp: 637356  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.632 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. -0.01 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Tgt Ion:131 Resp: 287339  
Ion Ratio Lower Upper  
131 100  
133 95.0 48.6 145.8  
119 64.0 34.7 104.1

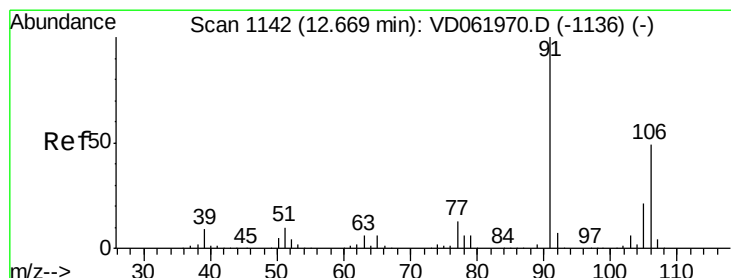
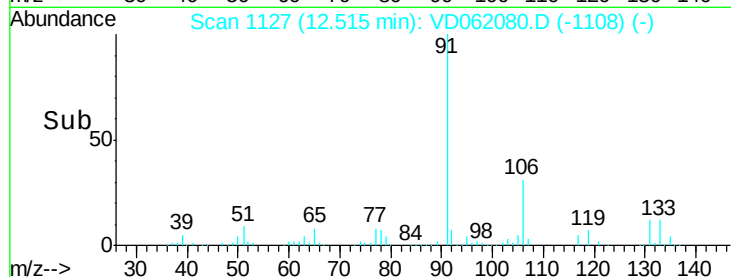
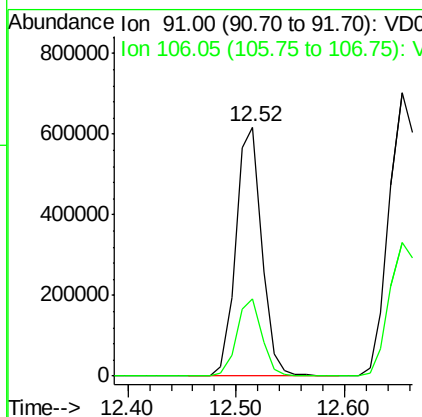
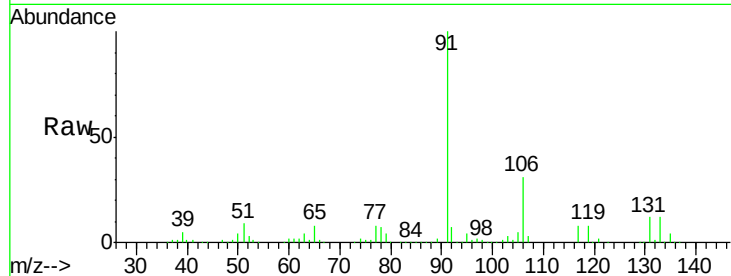




#67  
Ethyl Benzene  
Concen: 48.042 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. -0.01 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

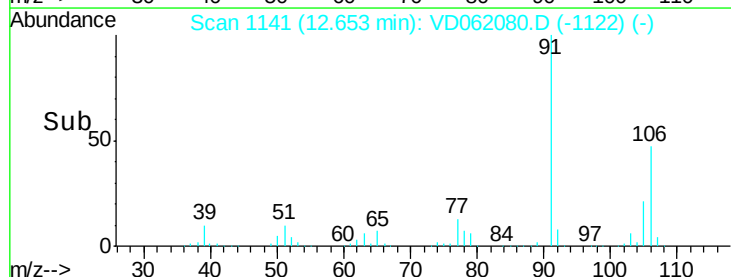
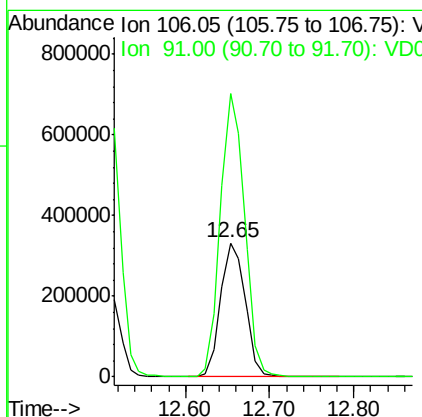
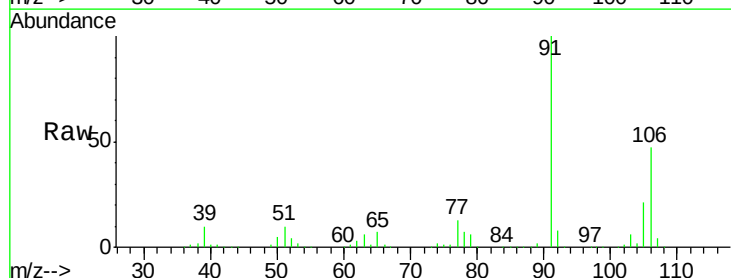
Instrument :  
MSVOA\_D  
ClientSampleId :

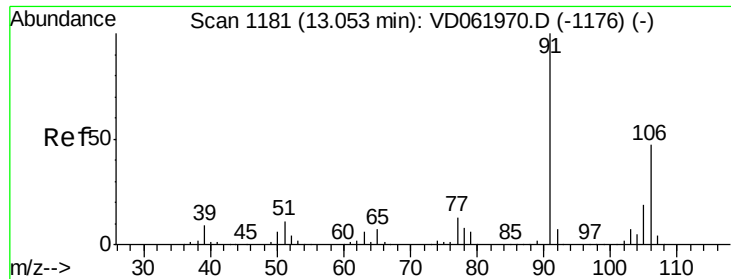
Tot Ion: 91 Resp: 1028785  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.7 37.1



#68  
m/p-Xylenes  
Concen: 87.369 ug/l  
RT: 12.65 min Scan# 1141  
Delta R.T. -0.01 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Tgt Ion: 106 Resp: 676209  
Ion Ratio Lower Upper  
106 100  
91 211.6 164.0 246.0

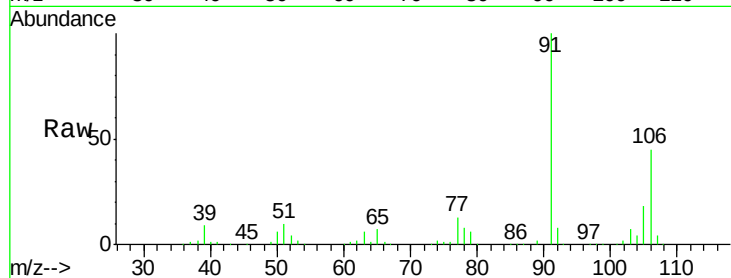




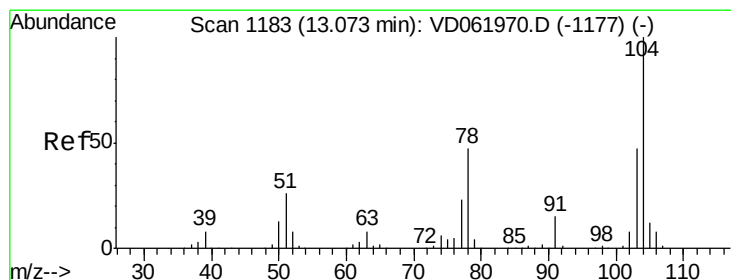
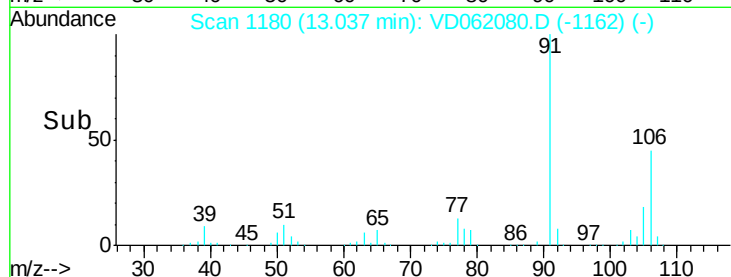
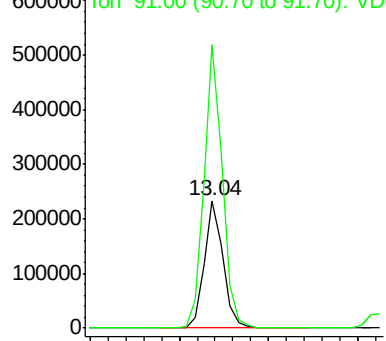
#69  
o-Xylene  
Concen: 48.718 ug/l  
RT: 13.04 min Scan# 1180  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:106 Resp: 344997  
Ion Ratio Lower Upper  
106 100  
91 222.0 106.7 319.9

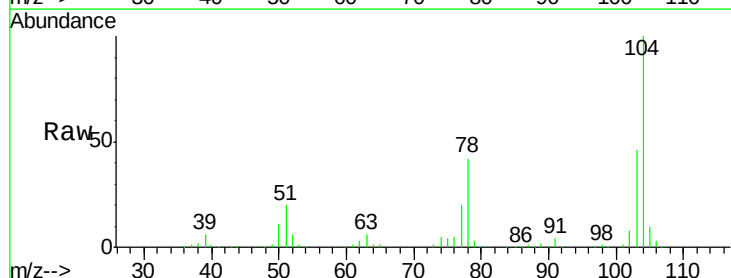


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

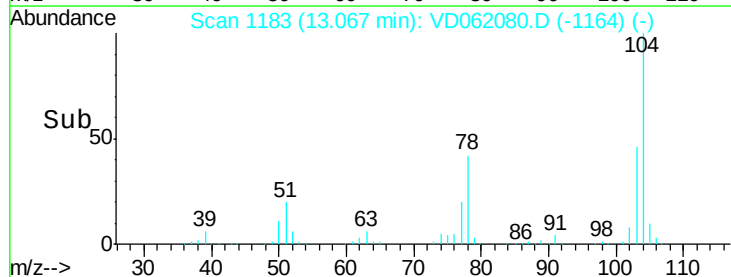
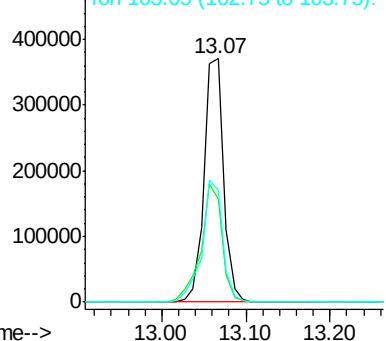


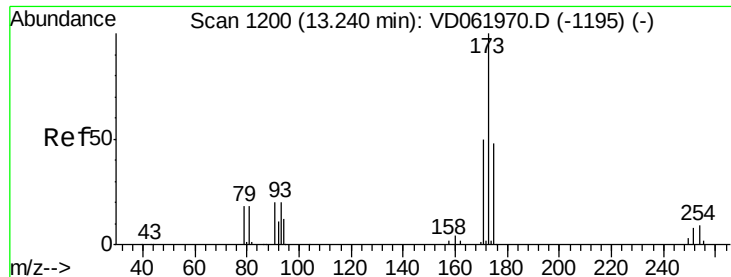
#70  
Styrene  
Concen: 48.846 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Tgt Ion:104 Resp: 597274  
Ion Ratio Lower Upper  
104 100  
78 42.2 35.4 53.2  
103 46.1 37.5 56.3



Abundance Ion 104.05 (103.75 to 104.75): V  
Ion 77.95 (77.65 to 78.65): VDC  
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 56.767 ug/l

RT: 13.22 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

ClientSampleId :

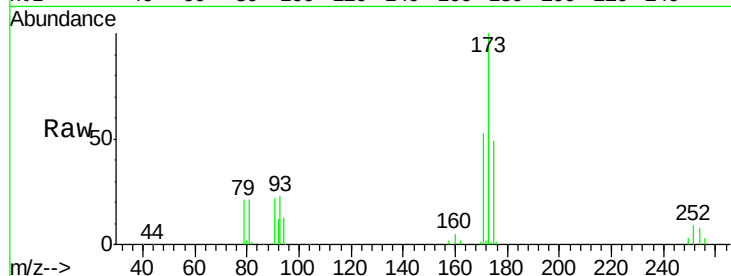
Tot Ion:173 Resp: 180110

Ion Ratio Lower Upper

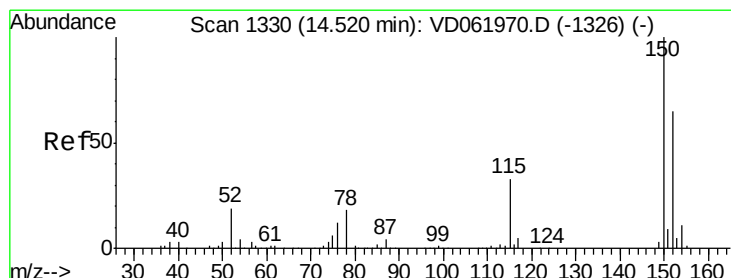
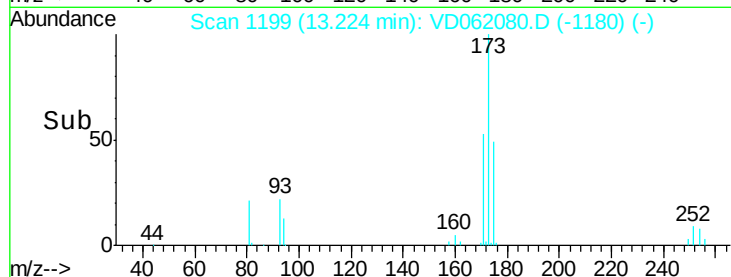
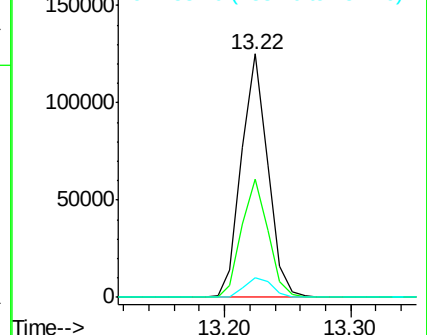
173 100

175 48.6 24.4 73.4

254 8.0 5.4 8.2



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: 14.51 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

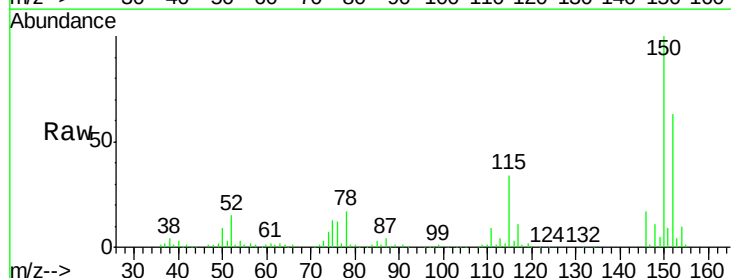
Tgt Ion:152 Resp: 303458

Ion Ratio Lower Upper

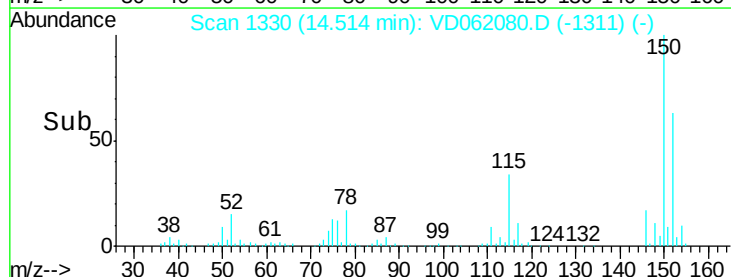
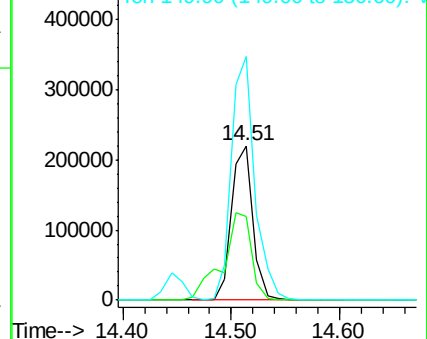
152 100

115 53.9 30.9 92.7

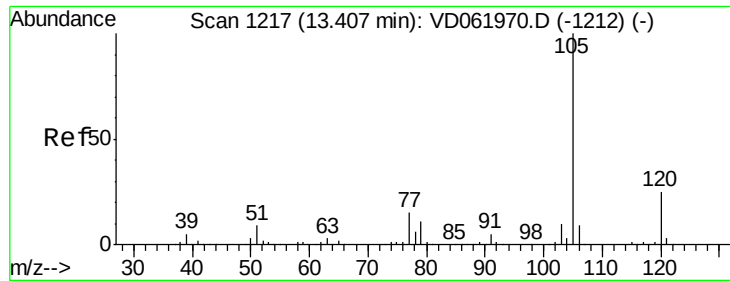
150 158.0 0.0 314.8



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: 48.976 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

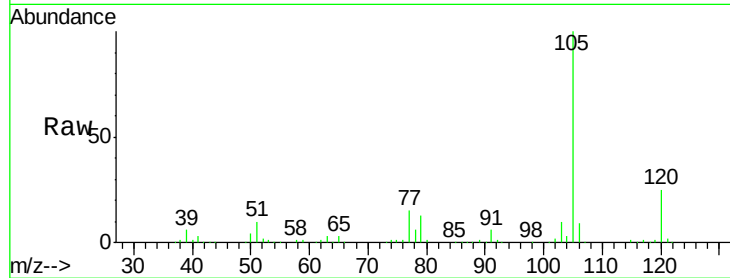
ClientSampleId :

Tot Ion:105 Resp: 991410

Ion Ratio Lower Upper

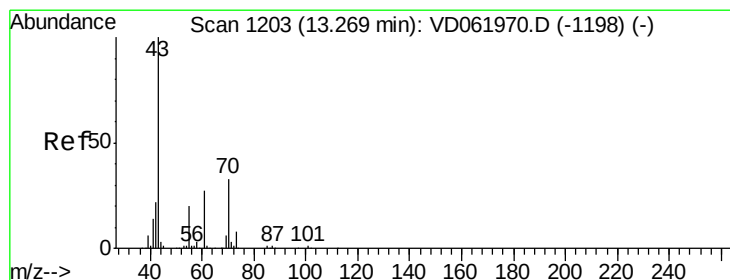
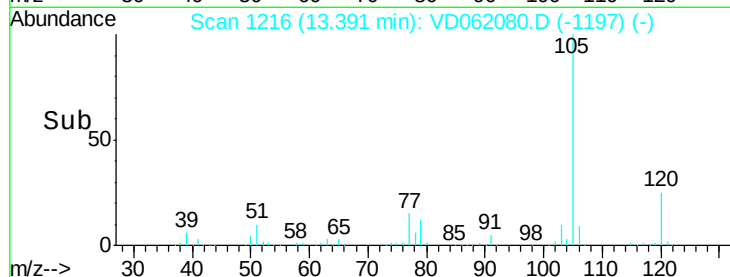
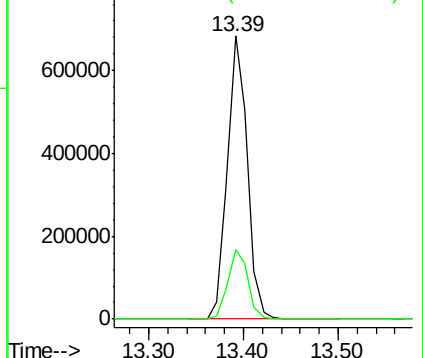
105 100

120 24.6 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 53.530 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Tgt Ion: 43 Resp: 279064

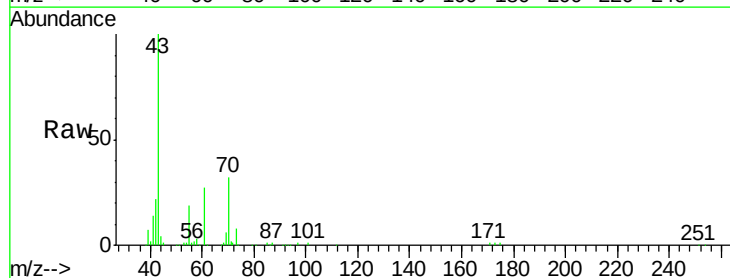
Ion Ratio Lower Upper

43 100

70 31.5 24.2 36.4

55 19.1 16.0 24.0

61 26.7 21.6 32.4

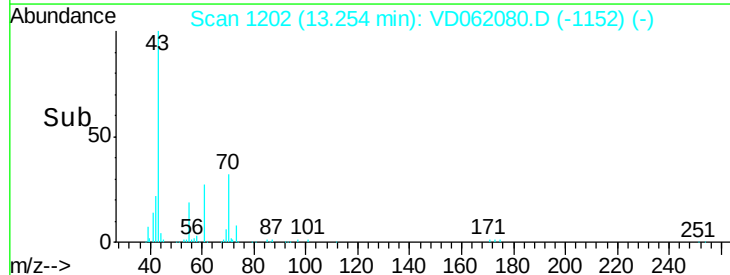
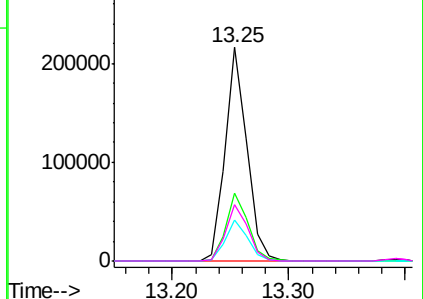


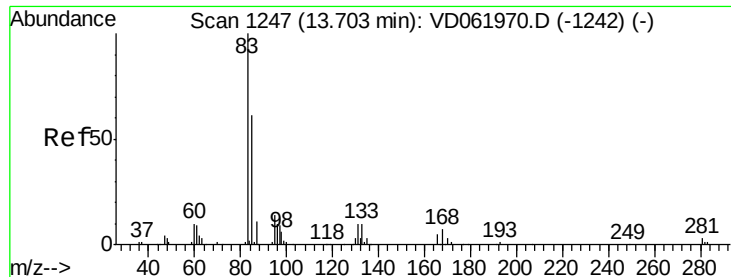
Abundance Ion 42.95 (42.65 to 43.65): VDC

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





#75

1,1,2,2-Tetrachloroethane

Concen: 54.356 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

ClientSampleId :

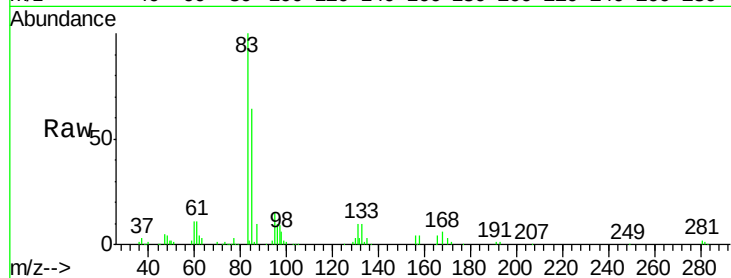
Tot Ion: 83 Resp: 215619

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.5  | 5.0   | 14.9  |
| 85  | 64.2  | 32.6  | 97.7  |

83 100

131 10.5 5.0 14.9

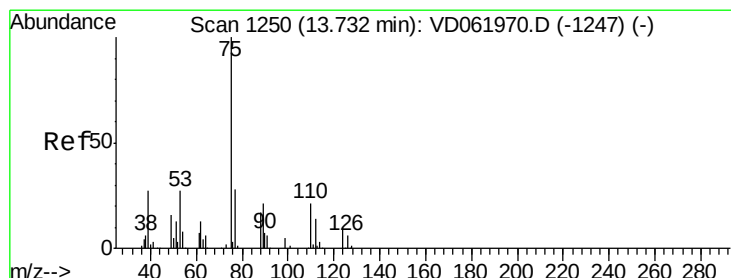
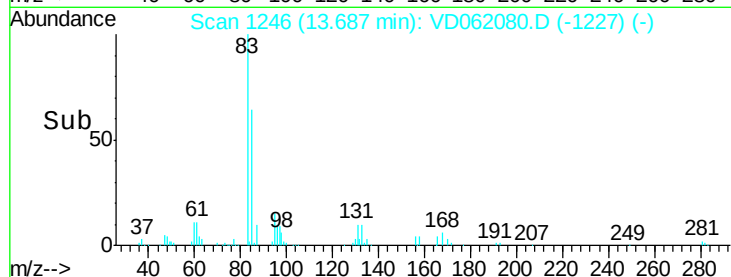
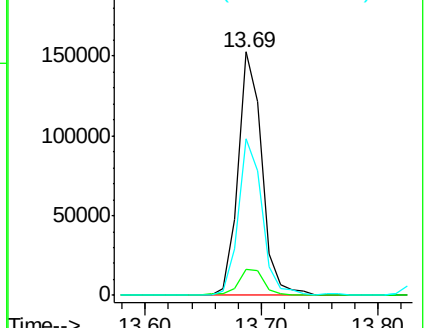
85 64.2 32.6 97.7



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: 54.706 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VD062080.D

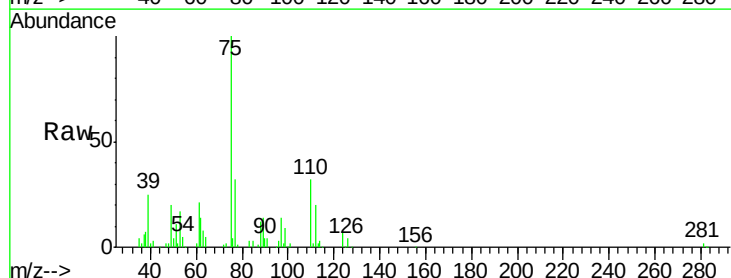
Acq: 30 Apr 2019 00:22

Tgt Ion: 75 Resp: 210809

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 32.4  | 16.4  | 49.4  |

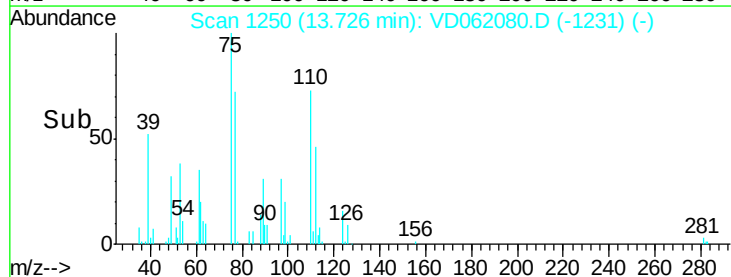
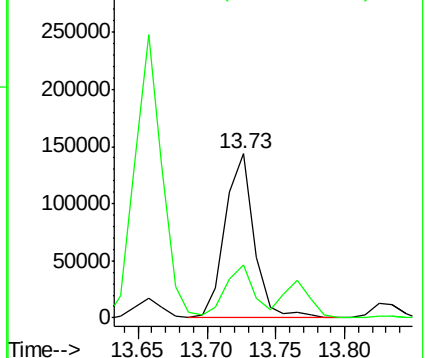
75 100

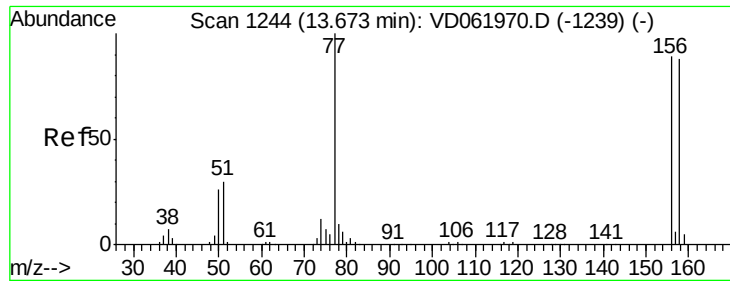
77 32.4 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 47.848 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

ClientSampleId :

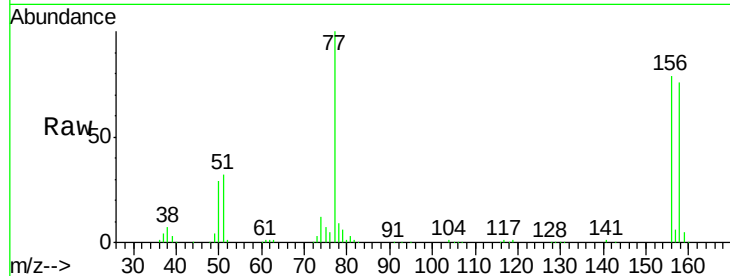
Tot Ion:156 Resp: 277852

Ion Ratio Lower Upper

156 100

77 126.3 53.1 159.4

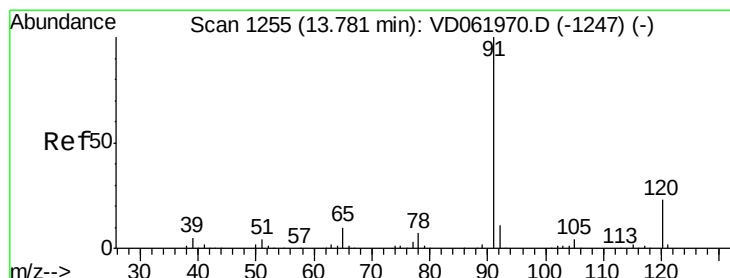
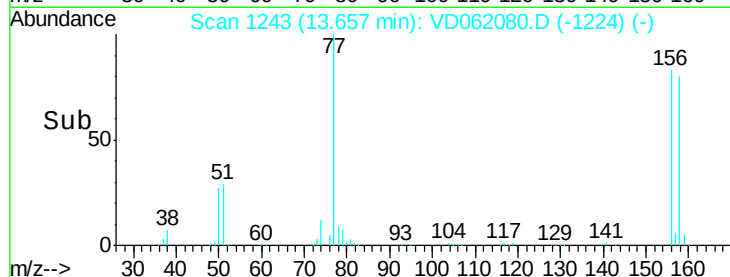
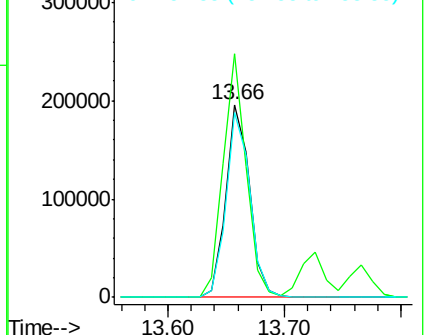
158 96.2 49.4 148.0



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: 49.528 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD062080.D

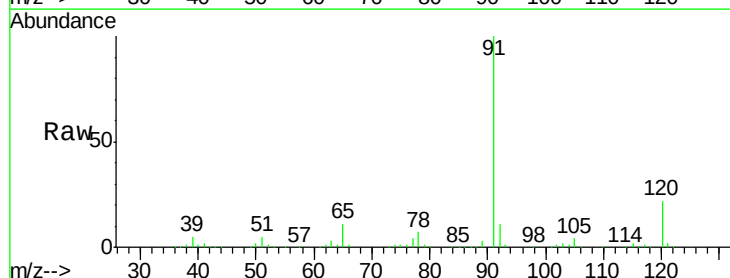
Acq: 30 Apr 2019 00:22

Tgt Ion: 91 Resp: 1147723

Ion Ratio Lower Upper

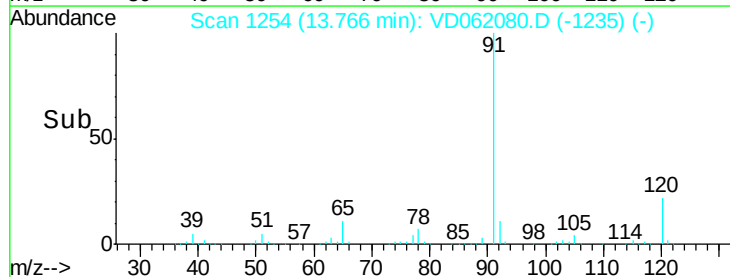
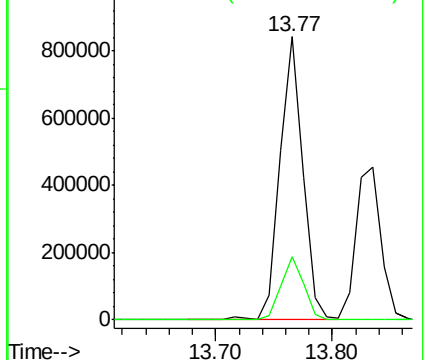
91 100

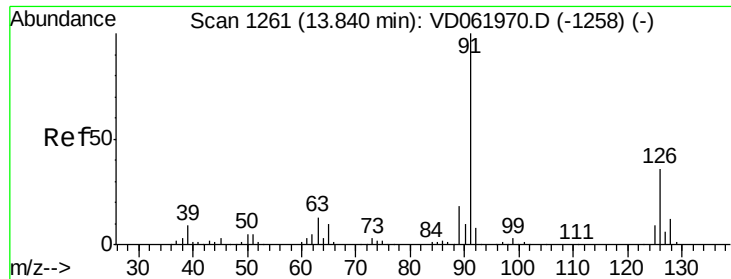
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 47.954 ug/l

RT: 13.83 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

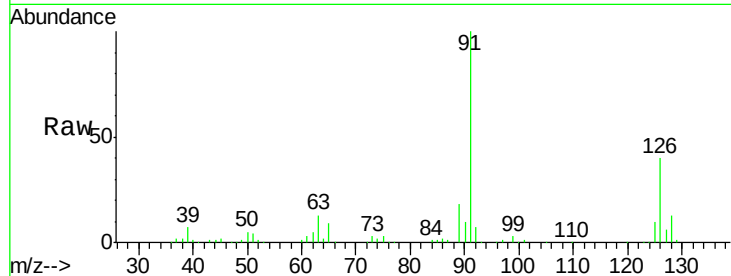
ClientSampleId :

Tot Ion: 91 Resp: 673097

Ion Ratio Lower Upper

91 100

126 39.6 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VD061970.D (-1258) (-)

Ion 125.95 (125.65 to 126.65): VD061970.D (-1258) (-)

1000000

800000

600000

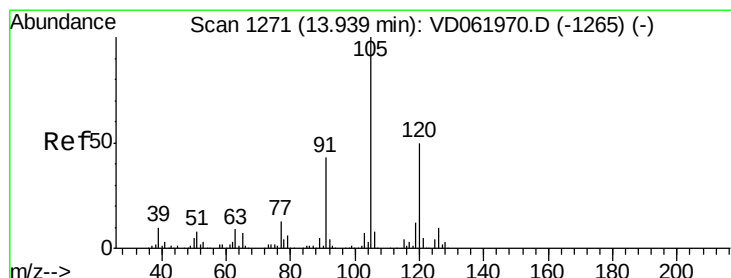
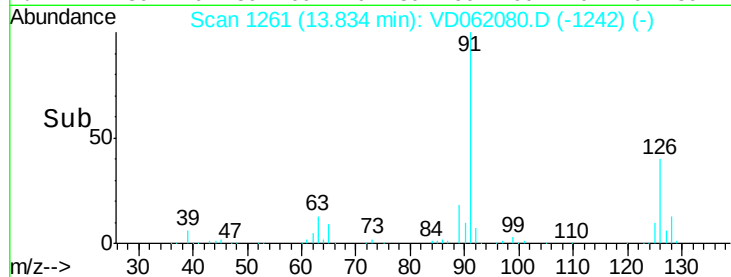
400000

200000

0

13.80 13.85 13.90

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.055 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD062080.D

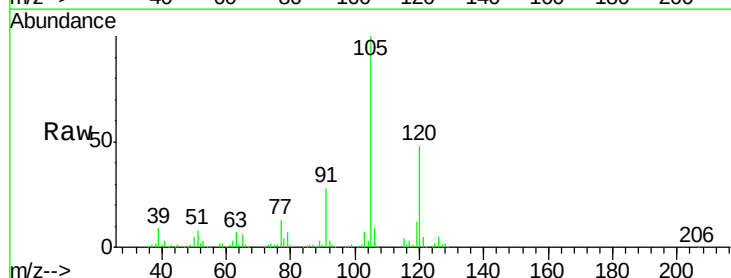
Acq: 30 Apr 2019 00:22

Tgt Ion:105 Resp: 775650

Ion Ratio Lower Upper

105 100

120 48.0 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): VD061970.D (-1265) (-)

Ion 120.05 (119.75 to 120.75): VD061970.D (-1265) (-)

600000

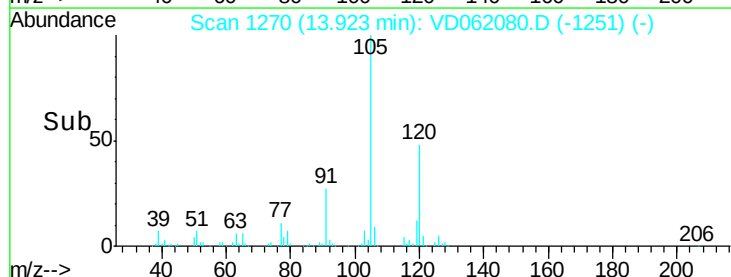
400000

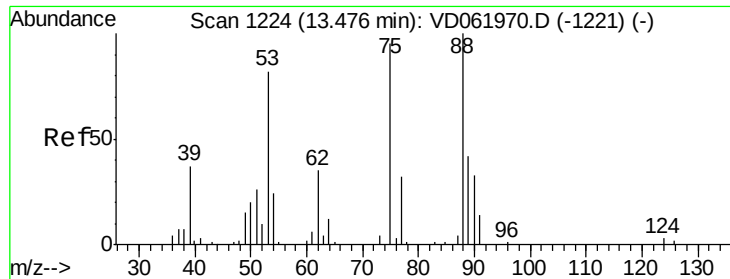
200000

0

13.90 14.00

Time-->

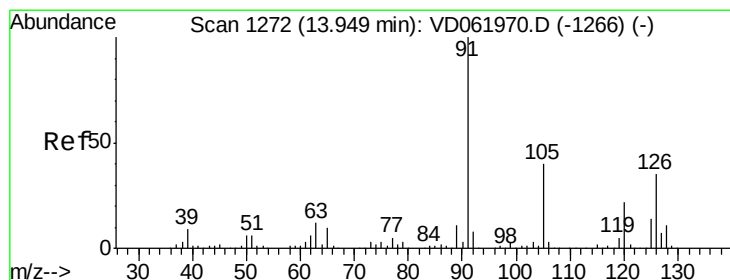
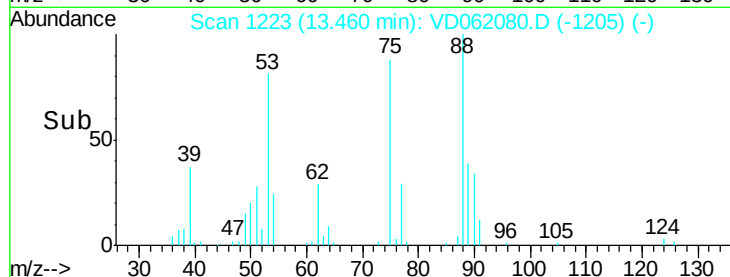
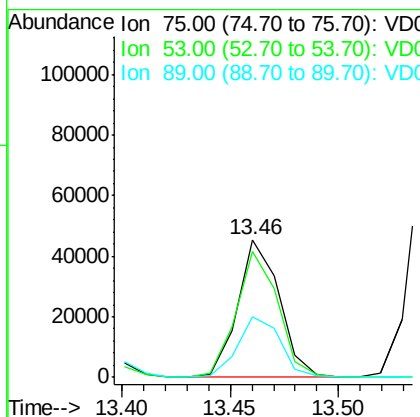
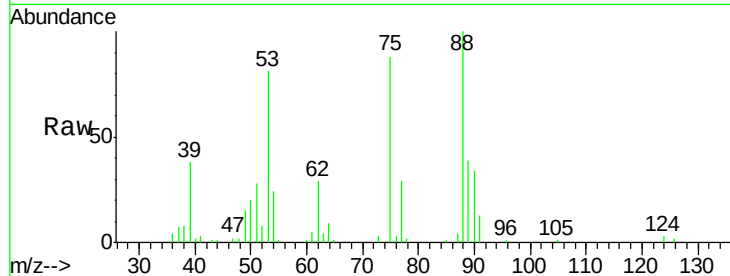




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.672 ug/l  
RT: 13.46 min Scan# 1223  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

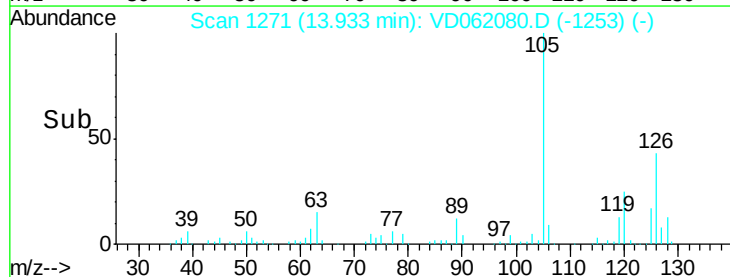
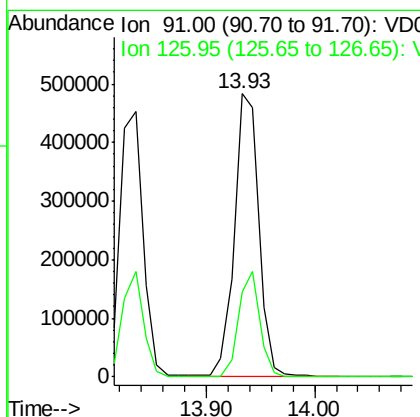
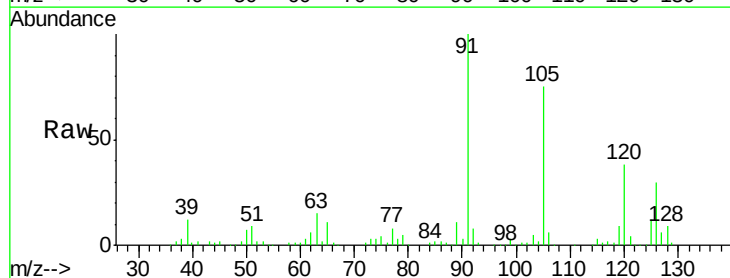
Instrument :  
MSVOA\_D  
ClientSampleId :

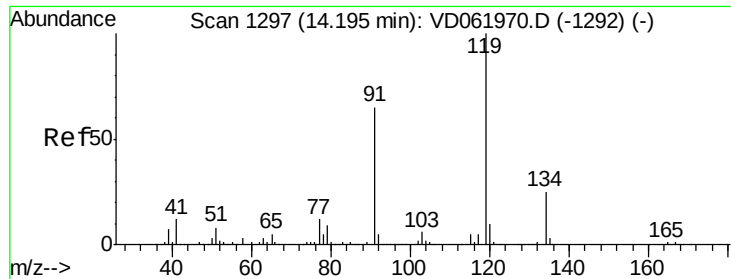
Tot Ion: 75 Resp: 61508  
Ion Ratio Lower Upper  
75 100  
53 91.5 65.8 98.8  
89 44.4 35.0 52.6



#82  
4-Chlorotoluene  
Concen: 48.966 ug/l  
RT: 13.93 min Scan# 1271  
Delta R.T. -0.02 min  
Lab File: VD062080.D  
Acq: 30 Apr 2019 00:22

Tgt Ion: 91 Resp: 756910  
Ion Ratio Lower Upper  
91 100  
126 30.1 19.1 57.5

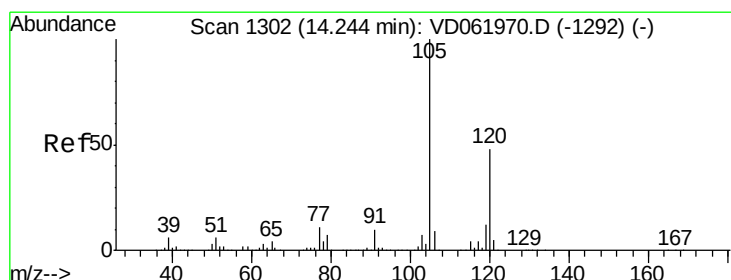
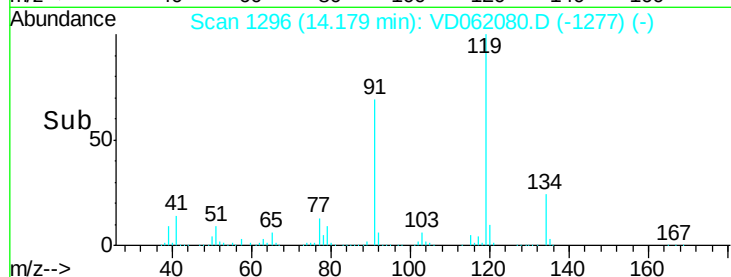
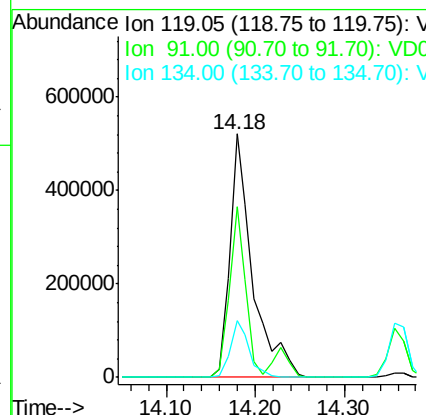
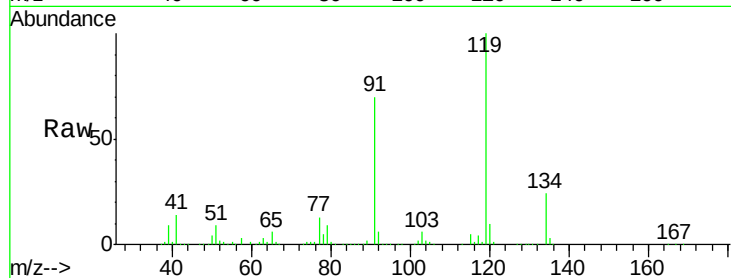




#83  
 tert-Butylbenzene  
 Concen: 50.028 ug/l  
 RT: 14.18 min Scan# 1296  
 Delta R.T. -0.01 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

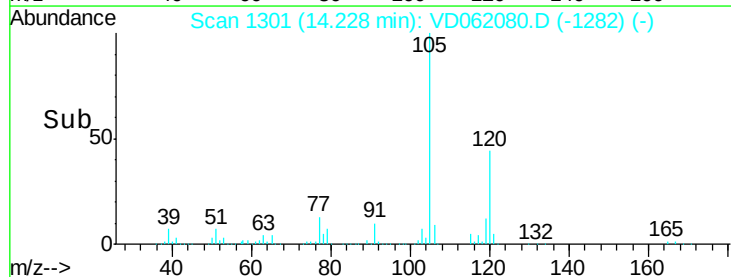
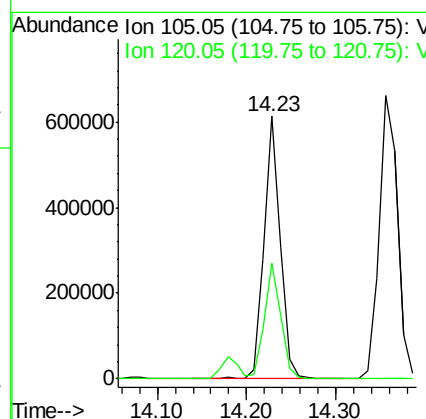
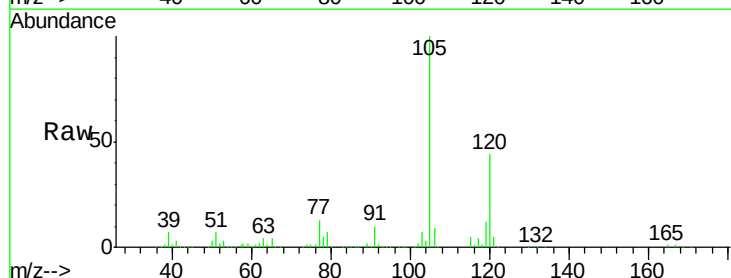
Instrument :  
 MSVOA\_D  
 ClientSampleId :

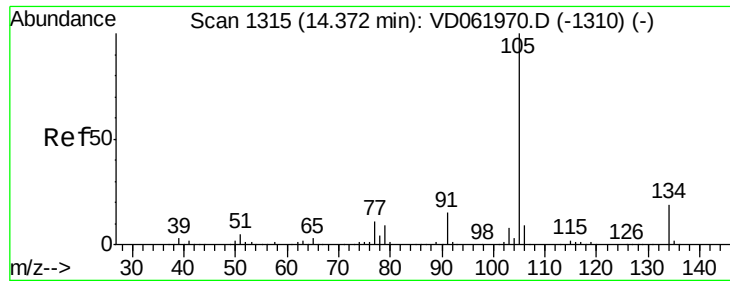
Tot Ion:119 Resp: 935435  
 Ion Ratio Lower Upper  
 119 100  
 91 69.9 34.2 102.6  
 134 23.5 12.0 36.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.232 ug/l  
 RT: 14.23 min Scan# 1301  
 Delta R.T. -0.01 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

Tgt Ion:105 Resp: 758763  
 Ion Ratio Lower Upper  
 105 100  
 120 44.0 23.1 69.2

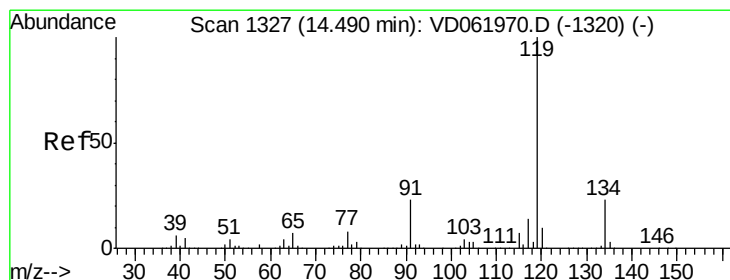
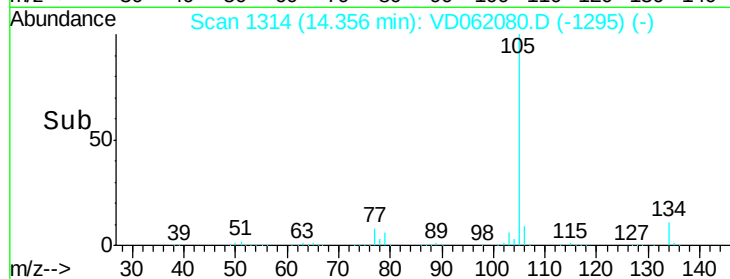
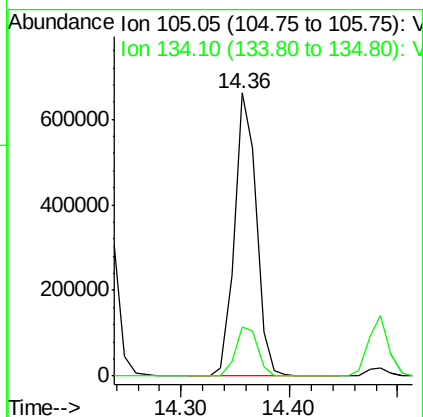
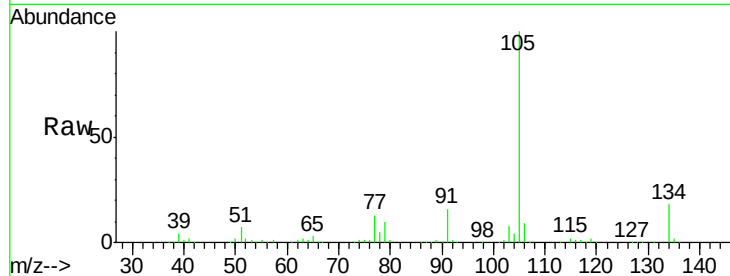




#85  
 sec-Butylbenzene  
 Concen: 45.836 ug/l  
 RT: 14.36 min Scan# 1314  
 Delta R.T. -0.01 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

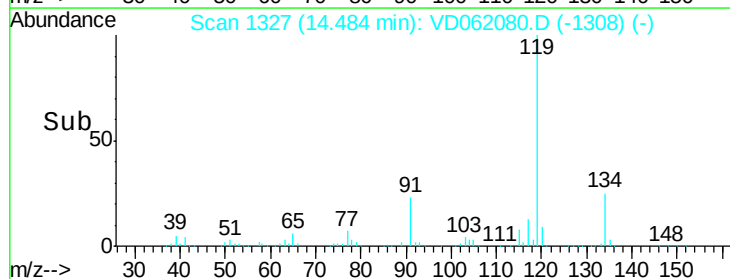
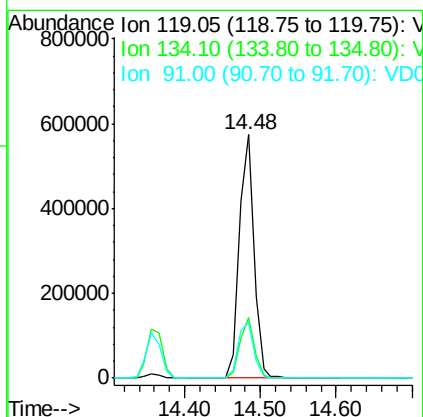
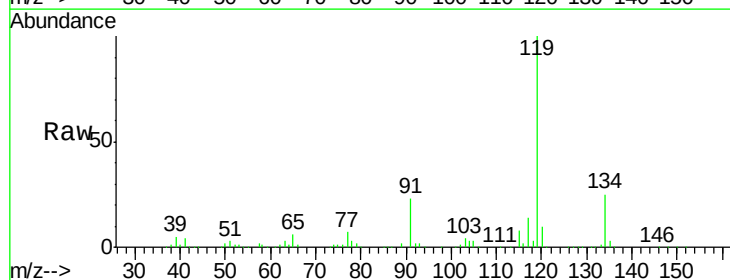
Instrument :  
 MSVOA\_D  
 ClientSampled :

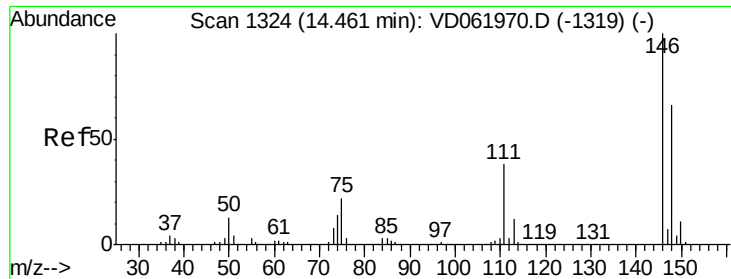
Tot Ion:105 Resp: 926051  
 Ion Ratio Lower Upper  
 105 100  
 134 17.6 8.9 26.7



#86  
 p-Isopropyltoluene  
 Concen: 41.931 ug/l  
 RT: 14.48 min Scan# 1327  
 Delta R.T. -0.01 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

Tgt Ion:119 Resp: 758174  
 Ion Ratio Lower Upper  
 119 100  
 134 24.7 12.8 38.3  
 91 22.6 10.7 32.1

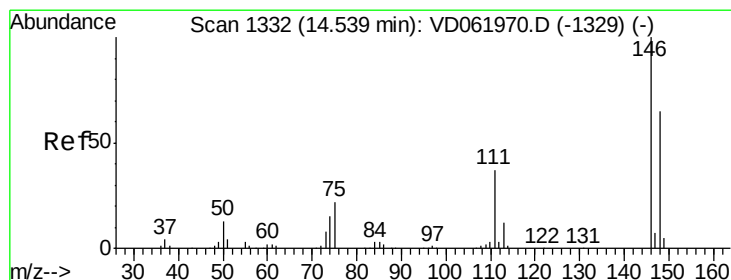
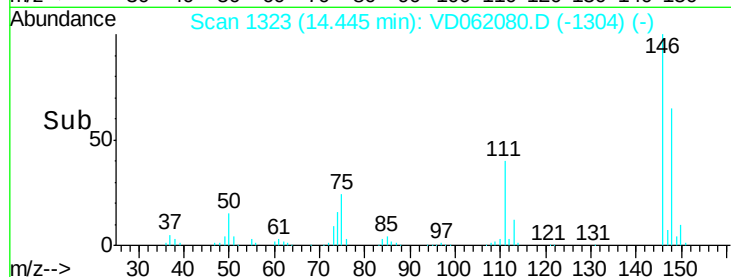
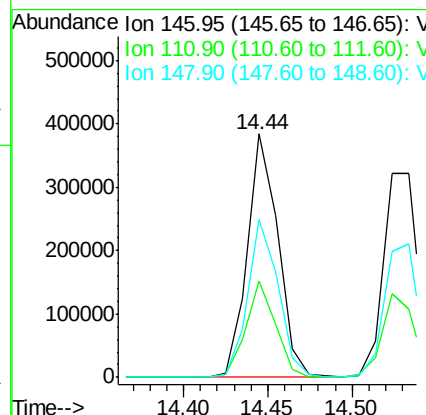
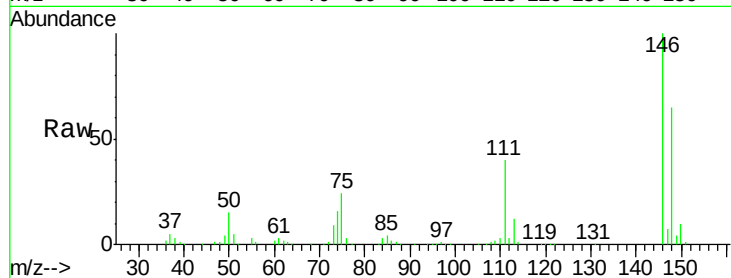




#87  
 1,3-Dichlorobenzene  
 Concen: 47.911 ug/l  
 RT: 14.44 min Scan# 1323  
 Delta R.T. -0.01 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

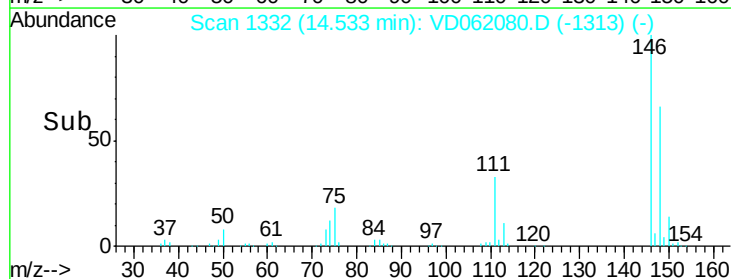
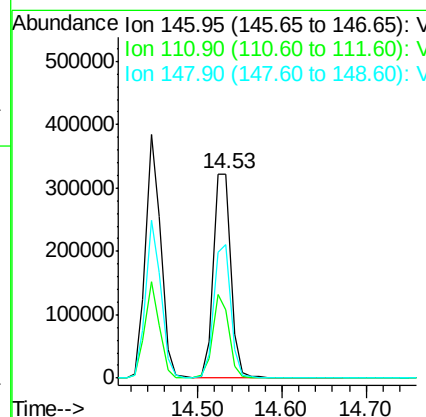
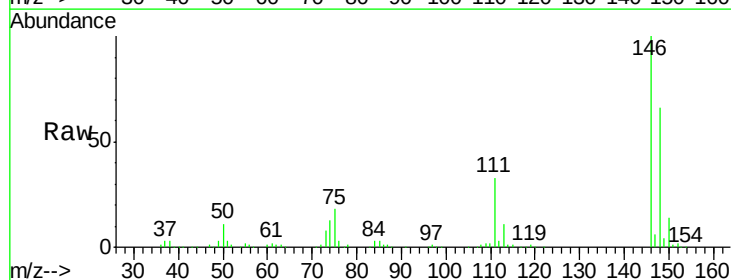
Instrument :  
 MSVOA\_D  
 ClientSampled :

Tot Ion:146 Resp: 487215  
 Ion Ratio Lower Upper  
 146 100  
 111 39.8 20.0 60.0  
 148 64.9 31.8 95.4

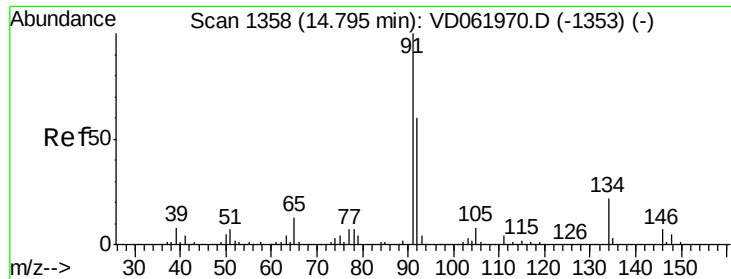


#88  
 1,4-Dichlorobenzene  
 Concen: 49.213 ug/l  
 RT: 14.53 min Scan# 1332  
 Delta R.T. -0.01 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

Tgt Ion:146 Resp: 468021  
 Ion Ratio Lower Upper  
 146 100  
 111 33.3 20.2 60.5  
 148 65.5 32.0 96.2







#89

n-Butylbenzene

Concen: 46.298 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

ClientSampled :

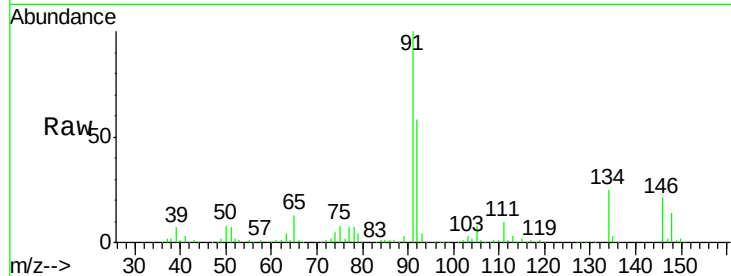
Tot Ion: 91 Resp: 751564

Ion Ratio Lower Upper

91 100

92 58.3 30.3 91.0

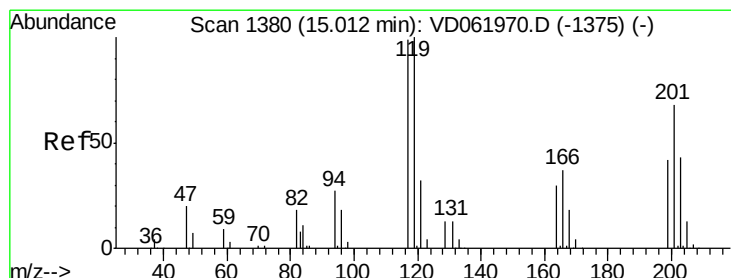
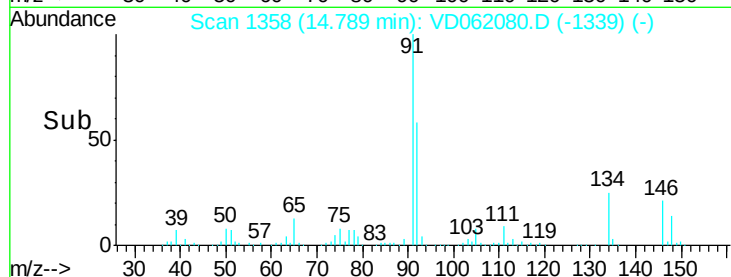
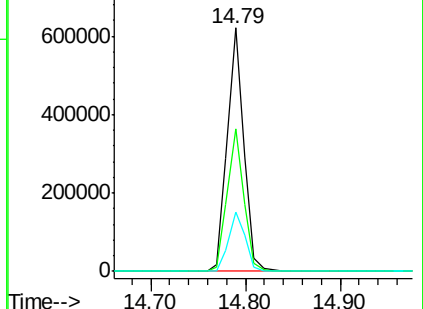
134 24.5 14.5 43.6



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: 50.958 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD062080.D

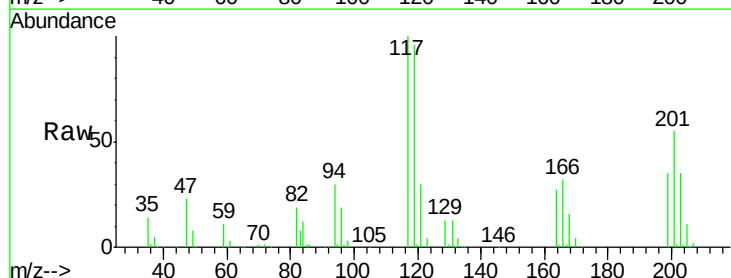
Acq: 30 Apr 2019 00:22

Tgt Ion: 117 Resp: 249151

Ion Ratio Lower Upper

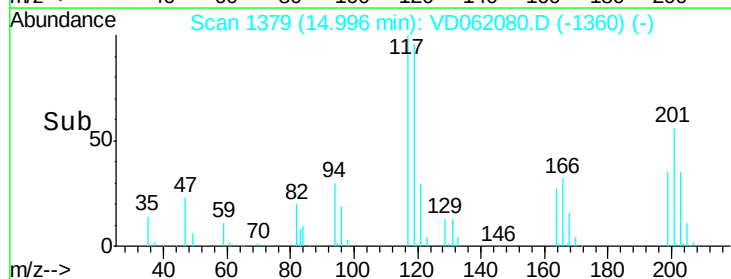
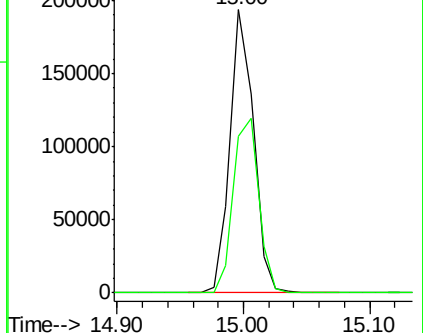
117 100

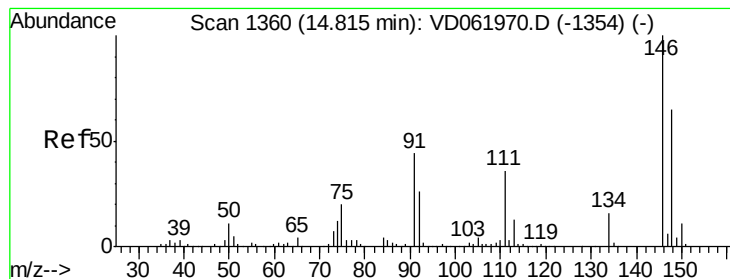
201 55.4 30.2 90.6



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC





#91

1,2-Dichlorobenzene

Concen: 50.008 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

ClientSampleId :

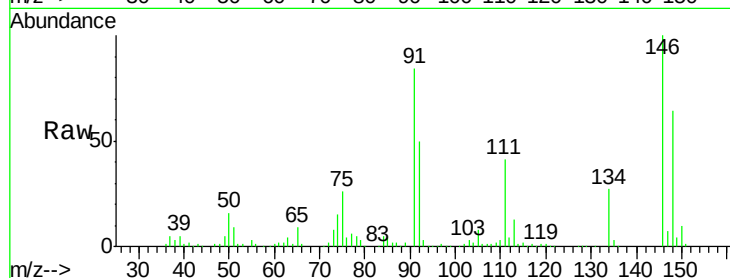
Tot Ion:146 Resp: 419485

Ion Ratio Lower Upper

146 100

111 41.5 20.0 59.9

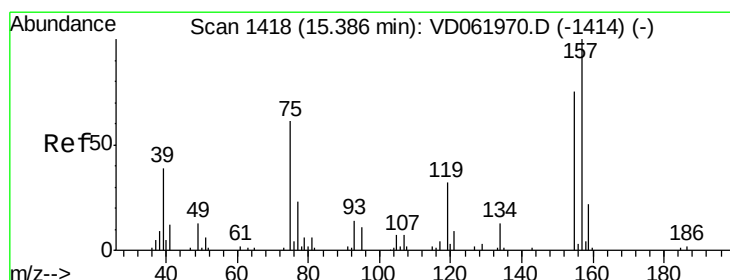
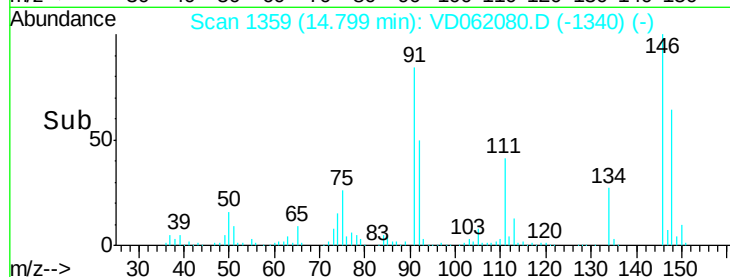
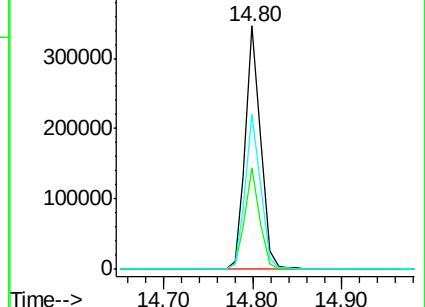
148 63.8 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.334 ug/l

RT: 15.37 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

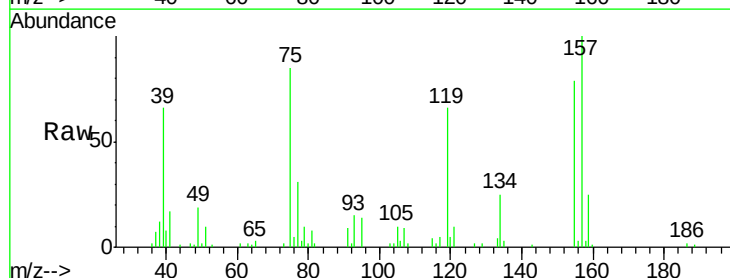
Tgt Ion: 75 Resp: 31985

Ion Ratio Lower Upper

75 100

155 92.1 55.3 165.8

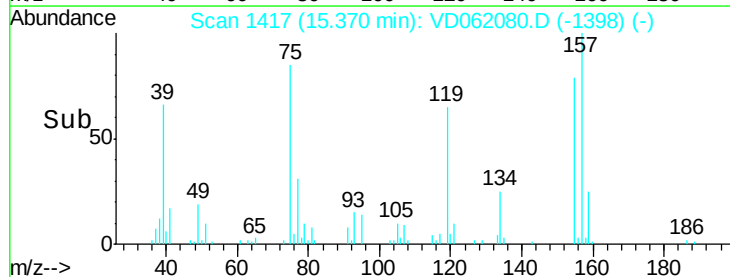
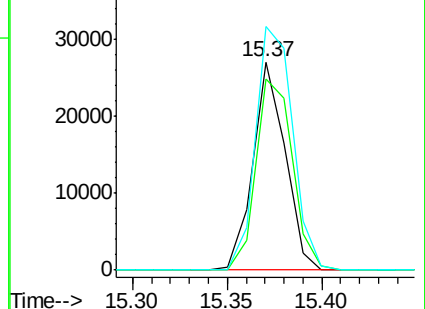
157 117.0 67.8 203.2

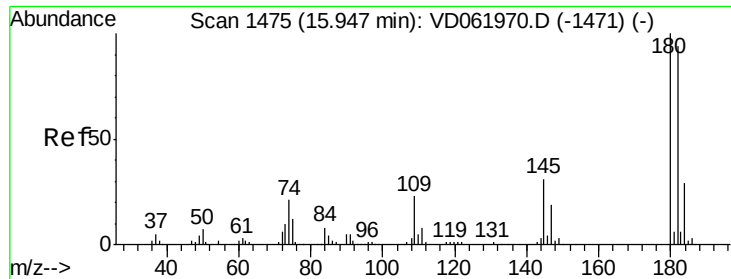


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

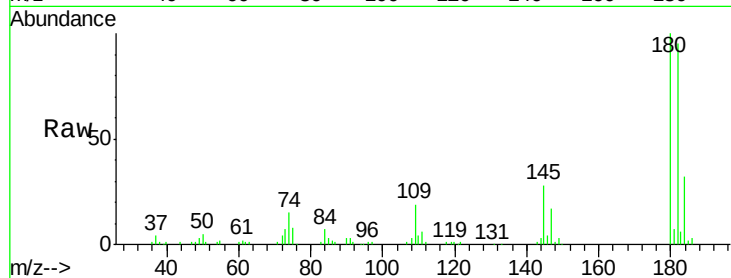




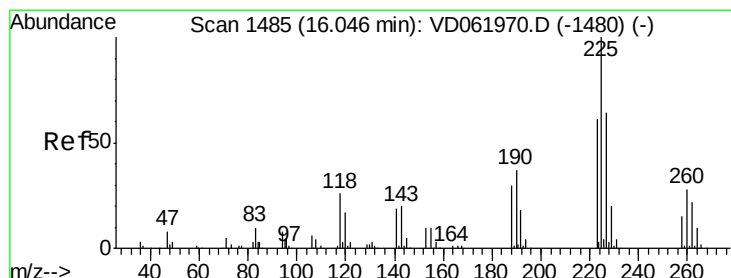
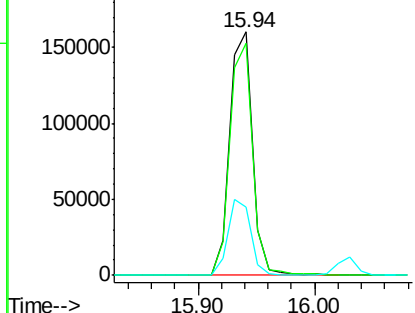
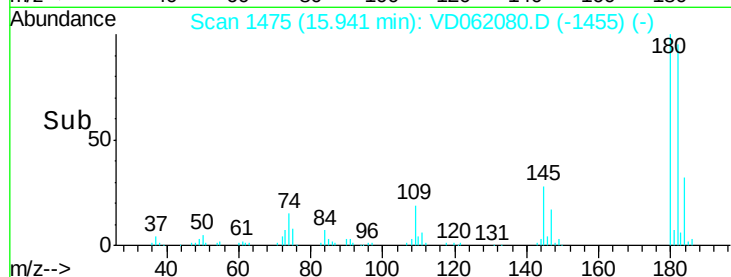
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.957 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. -0.00 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 49.3  | 147.8 |
| 145     | 27.8  | 16.2  | 48.6  |

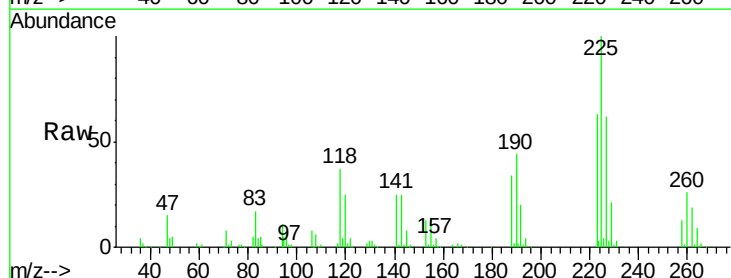


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

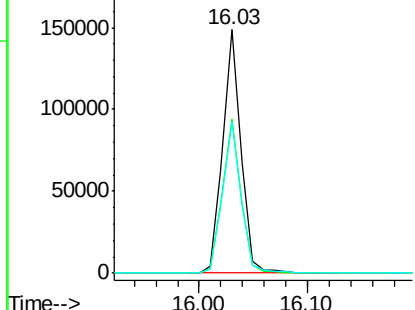
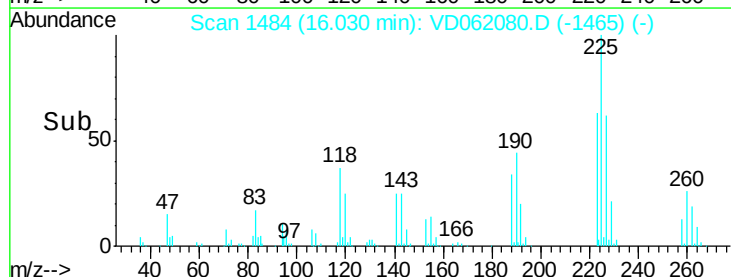


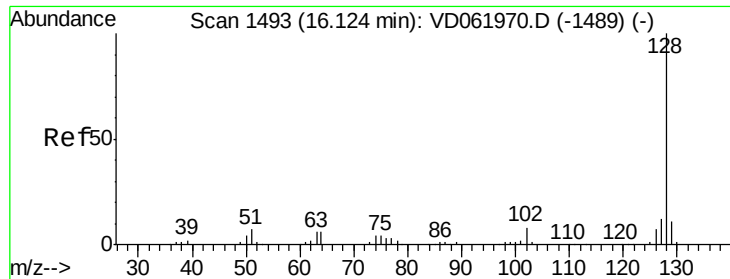
#94  
 Hexachlorobutadiene  
 Concen: 51.996 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. -0.01 min  
 Lab File: VD062080.D  
 Acq: 30 Apr 2019 00:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.4  | 30.6  | 92.0  |
| 227     | 62.3  | 32.0  | 96.2  |



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: 54.275 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

Instrument :

MSVOA\_D

ClientSampleId :

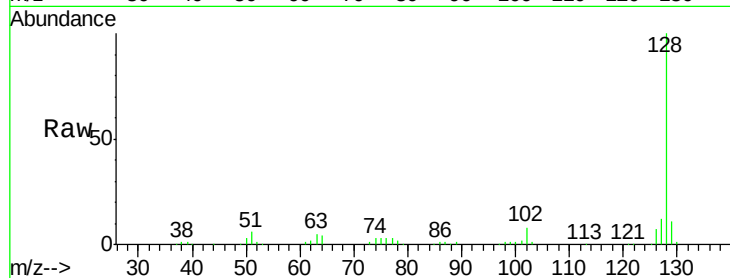
Tot Ion:128 Resp: 396631

Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.8

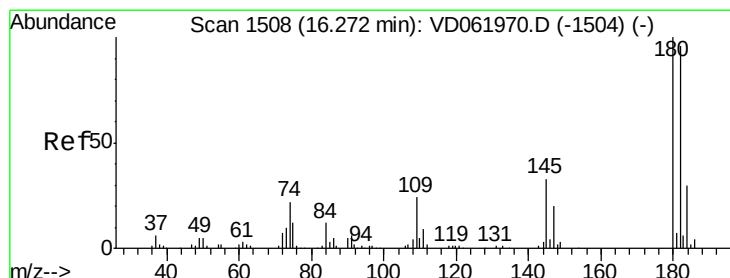
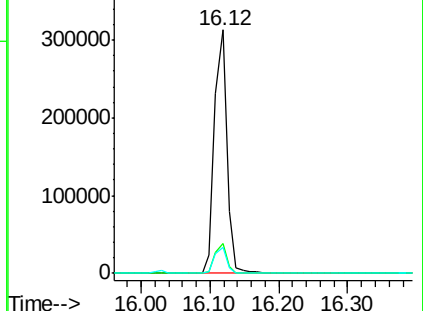
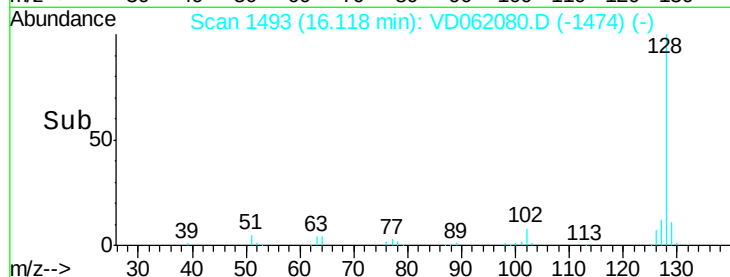
129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.486 ug/l

RT: 16.27 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VD062080.D

Acq: 30 Apr 2019 00:22

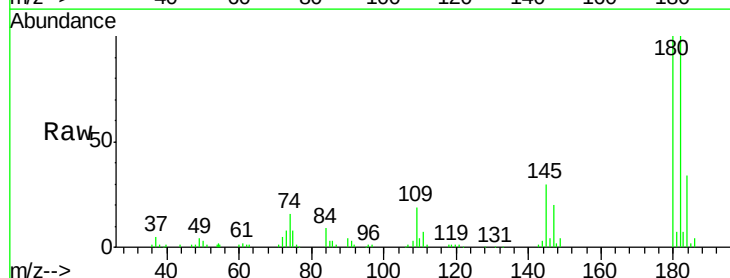
Tgt Ion:180 Resp: 132215

Ion Ratio Lower Upper

180 100

182 99.9 47.0 141.0

145 30.1 17.0 51.0



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

