

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051119\  
 Data File : VD062231.D  
 Acq On : 11 May 2019 12:23  
 Operator : FY/SY  
 Sample : VD0511SBSD01  
 Misc : 5.00g/5mL/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBSD01

Quant Time: May 11 22:19:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 07 14:26:29 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.04  | 168  | 875206   | 50.00 | ug/l  | 0.02     |
| 34) 1,4-Difluorobenzene    | 8.21  | 114  | 1189520  | 50.00 | ug/l  | 0.02     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 972372   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 503347   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.44  | 65   | 356245   | 43.80 | ug/l   | 0.02     |
| Spiked Amount               |       |      | Recovery | =     | 87.60% |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 442202   | 44.80 | ug/l   | 0.03     |
| Spiked Amount               |       |      | Recovery | =     | 89.60% |          |
| 50) Toluene-d8              | 10.41 | 98   | 1048500  | 44.06 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 88.12% |          |
| 62) 4-Bromofluorobenzene    | 13.56 | 95   | 436555   | 45.69 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.38% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85   | 150582   | 17.989  | ug/l   | 96     |
| 3) Chloromethane              | 1.75 | 50   | 105015   | 17.363  | ug/l   | 92     |
| 4) Vinyl Chloride             | 1.85 | 62   | 103469   | 17.407  | ug/l   | 100    |
| 5) Bromomethane               | 2.15 | 94   | 31562    | 22.660  | ug/l   | 97     |
| 6) Chloroethane               | 2.25 | 64   | 53846    | 21.588  | ug/l   | 94     |
| 7) Trichlorofluoromethane     | 2.52 | 101  | 230585   | 19.953  | ug/l   | 100    |
| 8) Diethyl Ether              | 2.87 | 74   | 33670    | 15.107  | ug/l   | 69     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101  | 180281   | 20.622  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.30 | 142  | 201420   | 15.245  | ug/l # | 86     |
| 11) Tert butyl alcohol        | 4.07 | 59   | 37705    | 90.819  | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 3.12 | 96   | 127333   | 19.081  | ug/l   | 94     |
| 13) Acrolein                  | 3.04 | 56   | 37379    | 87.048  | ug/l   | 99     |
| 14) Allyl chloride            | 3.62 | 41   | 181853   | 18.742  | ug/l   | 86     |
| 15) Acrylonitrile             | 4.20 | 53   | 101035   | 92.587  | ug/l   | 86     |
| 16) Acetone                   | 3.22 | 43   | 183755   | 107.732 | ug/l   | 90     |
| 17) Carbon Disulfide          | 3.37 | 76   | 322111   | 16.779  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.64 | 43   | 54335    | 17.615  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 4.24 | 73   | 280136   | 19.585  | ug/l   | 95     |
| 20) Methylene Chloride        | 3.81 | 84   | 141123   | 19.816  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 4.22 | 96   | 135294   | 18.219  | ug/l   | 93     |
| 22) Diisopropyl ether         | 5.11 | 45   | 398389   | 19.295  | ug/l   | 93     |
| 23) Vinyl Acetate             | 5.05 | 43   | 1128205  | 103.563 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 4.97 | 63   | 243837   | 19.576  | ug/l   | 97     |
| 25) 2-Butanone                | 6.07 | 43   | 179289   | 96.368  | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.03 | 77   | 253084   | 20.398  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 6.04 | 96   | 156601   | 18.840  | ug/l   | 97     |
| 28) Bromochloromethane        | 6.43 | 49   | 107711   | 21.979  | ug/l   | 90     |
| 29) Tetrahydrofuran           | 6.45 | 42   | 78974    | 92.127  | ug/l   | 98     |
| 30) Chloroform                | 6.66 | 83   | 288439   | 19.214  | ug/l   | 98     |
| 31) Cyclohexane               | 6.95 | 56   | 150118   | 17.591  | ug/l   | 92     |
| 32) 1,1,1-Trichloroethane     | 6.86 | 97   | 285768   | 20.140  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 7.14 | 75   | 196343   | 20.132  | ug/l   | 94     |
| 37) Ethyl Acetate             | 6.17 | 43   | 80850    | 19.547  | ug/l # | 90     |
| 38) Carbon Tetrachloride      | 7.11 | 117  | 280243   | 20.760  | ug/l   | 98     |

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 Sample : VD0511SBSD01  
 Misc : 5.00g/5mL/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBSD01

Quant Time: May 11 22:19:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 07 14:26:29 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.86  | 83   | 180619   | 19.329  | ug/l   | 97       |
| 40) Benzene                    | 7.45  | 78   | 421357   | 19.132  | ug/l   | 93       |
| 41) Methacrylonitrile          | 6.44  | 41   | 100404   | 19.864  | ug/l # | 89       |
| 42) 1,2-Dichloroethane         | 7.57  | 62   | 184418   | 19.764  | ug/l   | 94       |
| 43) Isopropyl Acetate          | 9.24  | 43   | 114678   | 19.550  | ug/l   | 96       |
| 44) Trichloroethene            | 8.54  | 130  | 161574   | 19.253  | ug/l   | 80       |
| 45) 1,2-Dichloropropane        | 8.93  | 63   | 108208   | 19.864  | ug/l   | 98       |
| 46) Dibromomethane             | 9.06  | 93   | 81016    | 18.289  | ug/l   | 87       |
| 47) Bromodichloromethane       | 9.37  | 83   | 222331   | 20.519  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.12  | 41   | 79605    | 22.032  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.09  | 88   | 12278    | 314.948 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.30 | 43   | 383429   | 101.688 | ug/l   | 96       |
| 52) Toluene                    | 10.50 | 92   | 287482   | 20.063  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 187910   | 20.065  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 10.03 | 75   | 198676   | 19.447  | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 103720   | 20.458  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 11.04 | 69   | 103400   | 19.626  | ug/l # | 90       |
| 57) 1,3-Dichloropropane        | 11.40 | 76   | 151827   | 19.822  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 287306   | 99.834  | ug/l   | 94       |
| 59) 2-Hexanone                 | 11.53 | 43   | 283593   | 102.044 | ug/l   | 92       |
| 60) Dibromochloromethane       | 11.69 | 129  | 168330   | 19.211  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 113826   | 18.466  | ug/l   | 97       |
| 64) Tetrachloroethene          | 11.25 | 164  | 149249   | 19.629  | ug/l   | 96       |
| 65) Chlorobenzene              | 12.39 | 112  | 338818   | 18.708  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 155901   | 19.779  | ug/l   | 94       |
| 67) Ethyl Benzene              | 12.52 | 91   | 604925   | 19.951  | ug/l   | 97       |
| 68) m/p-Xylenes                | 12.67 | 106  | 446441   | 40.471  | ug/l   | 91       |
| 69) o-Xylene                   | 13.04 | 106  | 206498   | 20.135  | ug/l   | 86       |
| 70) Styrene                    | 13.07 | 104  | 357134   | 20.557  | ug/l   | 99       |
| 71) Bromoform                  | 13.23 | 173  | 109410   | 19.951  | ug/l # | 99       |
| 73) Isopropylbenzene           | 13.40 | 105  | 614166   | 20.355  | ug/l   | 96       |
| 74) N-amyl acetate             | 13.26 | 43   | 150062   | 18.970  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.69 | 83   | 115594   | 20.237  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 121940   | 20.385  | ug/l   | 98       |
| 77) Bromobenzene               | 13.66 | 156  | 179485   | 21.250  | ug/l   | 88       |
| 78) n-propylbenzene            | 13.77 | 91   | 789188   | 21.927  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 415632   | 20.163  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 530669   | 20.886  | ug/l   | 90       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 29764    | 17.625  | ug/l # | 78       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 519926   | 21.434  | ug/l   | 93       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 626016   | 21.921  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 550513   | 21.592  | ug/l   | 93       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 668843   | 21.361  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 579736   | 20.724  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 334202   | 21.660  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 318323   | 20.997  | ug/l   | 96       |
| 89) n-Butylbenzene             | 14.80 | 91   | 560292   | 22.314  | ug/l   | 94       |
| 90) Hexachloroethane           | 15.00 | 117  | 154416   | 20.298  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 279240   | 21.975  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 17256    | 18.404  | ug/l   | 79       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051119\  
Data File : VD062231.D  
Acq On : 11 May 2019 12:23  
Operator : FY/SY  
Sample : VD0511SBSD01  
Misc : 5.00g/5mL/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0511SBSD01

Quant Time: May 11 22:19:59 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 07 14:26:29 2019  
Response via : Initial Calibration

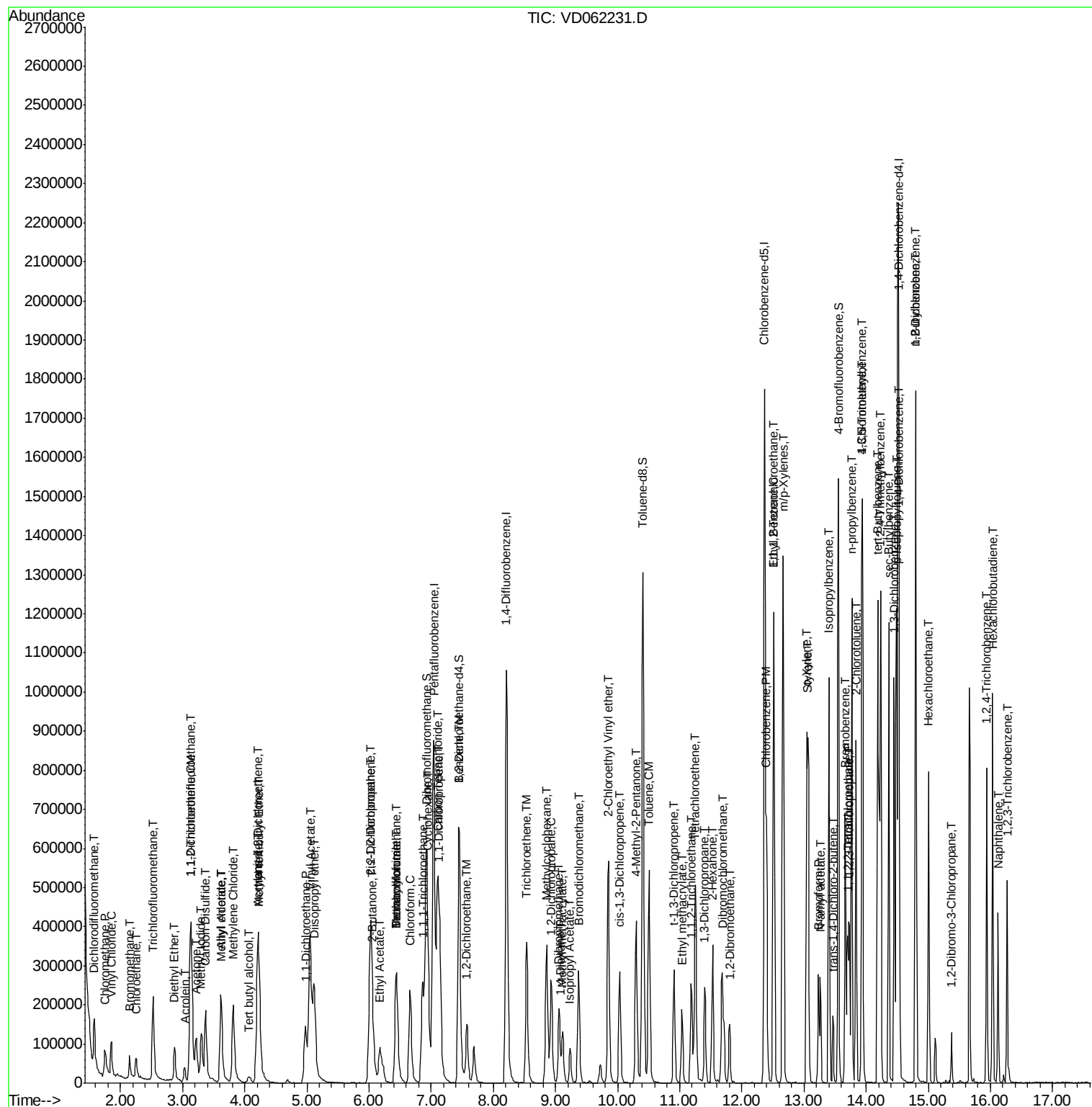
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180  | 223150   | 24.127 | ug/l  | 94       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 155664   | 22.629 | ug/l  | 96       |
| 95) Naphthalene            | 16.12 | 128  | 268829   | 20.819 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 154161   | 26.510 | ug/l  | 94       |

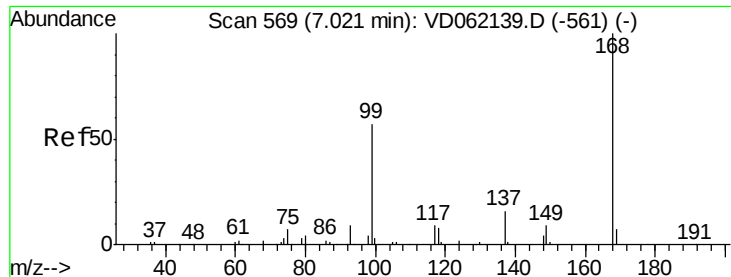
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051119\  
Data File : VD062231.D  
Acq On : 11 May 2019 12:23  
Operator : FY/SY  
Sample : VD0511SBSD01  
Misc : 5.00µ/5mL/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0511SBSD01

Quant Time: May 11 22:19:59 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 07 14:26:29 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

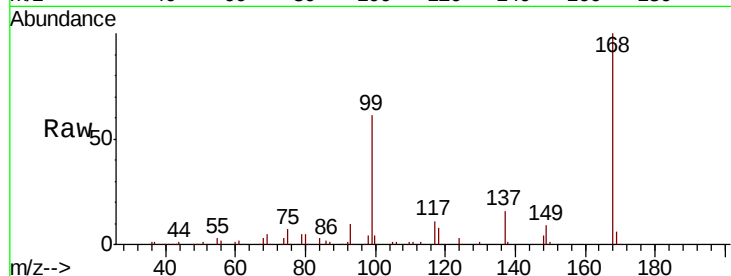
VD0511SBSD01

Tot Ion:168 Resp: 875206

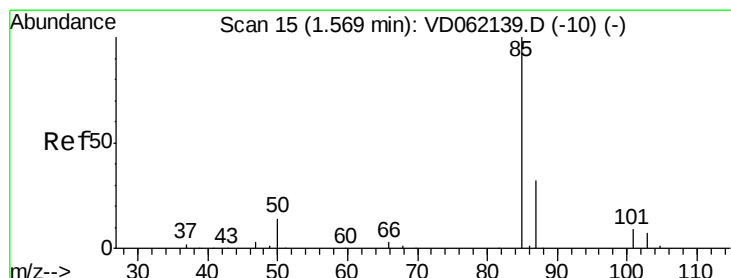
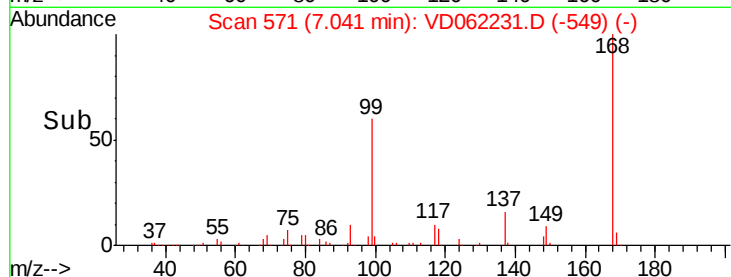
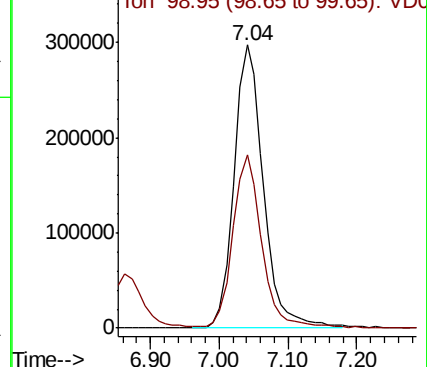
Ion Ratio Lower Upper

168 100

99 61.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#2

Dichlorodifluoromethane

Concen: 17.989 ug/l

RT: 1.58 min Scan# 16

Delta R.T. 0.01 min

Lab File: VD062231.D

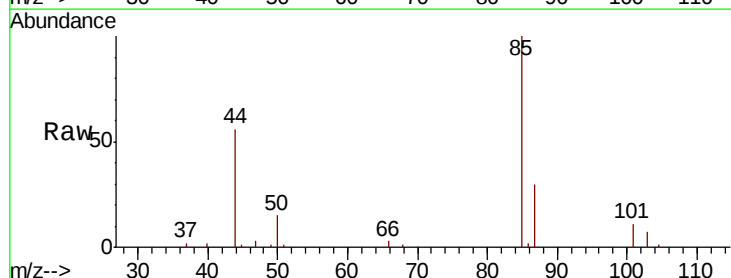
Acq: 11 May 2019 12:23

Tgt Ion: 85 Resp: 150582

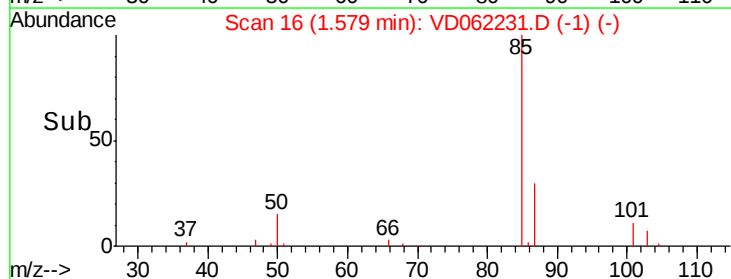
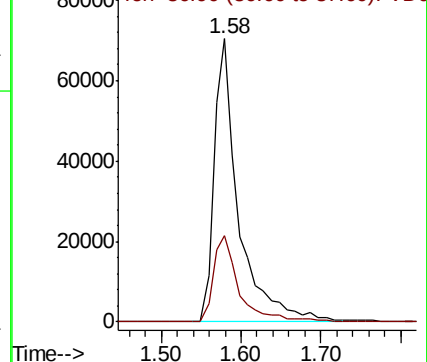
Ion Ratio Lower Upper

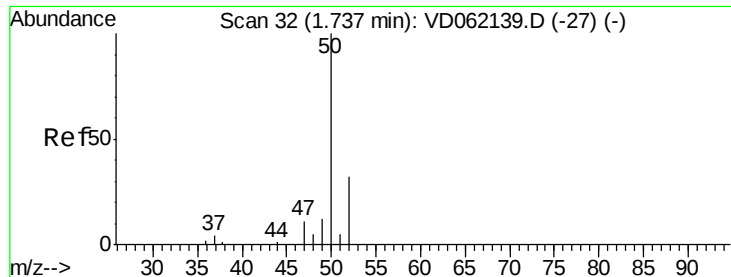
85 100

87 30.4 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): V





#3

Chloromethane

Concen: 17.363 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

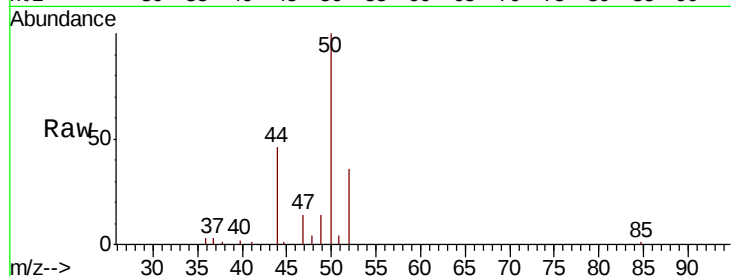
VD0511SBSD01

Tot Ion: 50 Resp: 105015

Ion Ratio Lower Upper

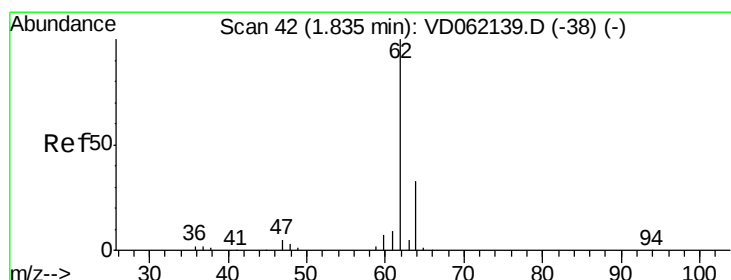
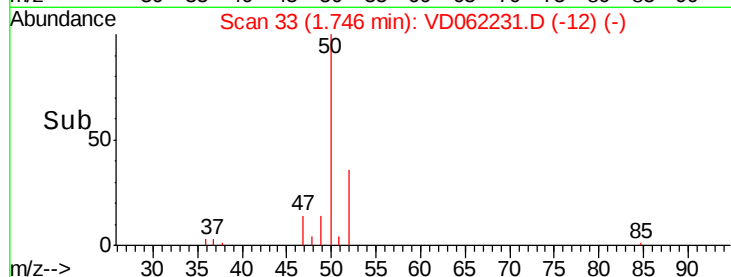
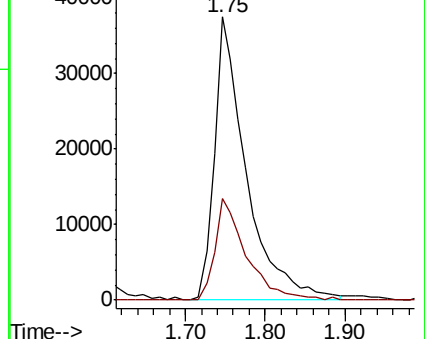
50 100

52 35.9 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: 17.407 ug/l

RT: 1.85 min Scan# 44

Delta R.T. 0.02 min

Lab File: VD062231.D

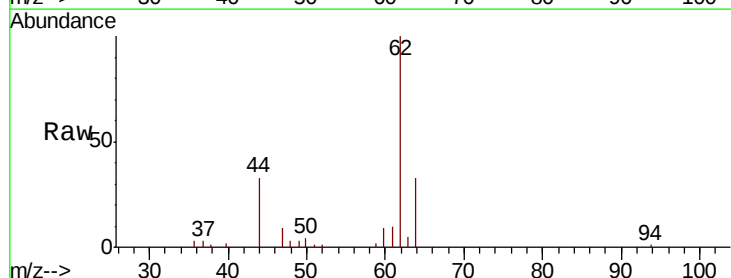
Acq: 11 May 2019 12:23

Tgt Ion: 62 Resp: 103469

Ion Ratio Lower Upper

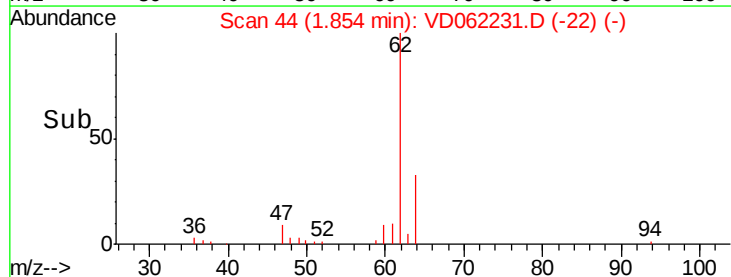
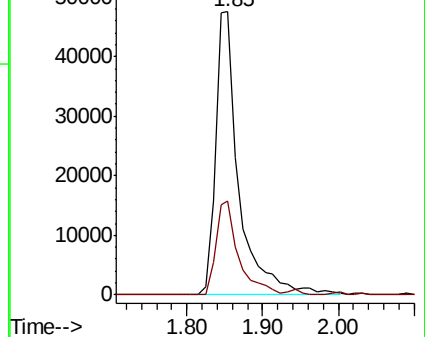
62 100

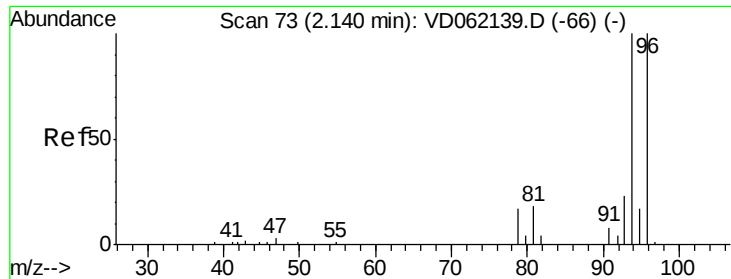
64 33.1 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 22.660 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

VD0511SBSD01

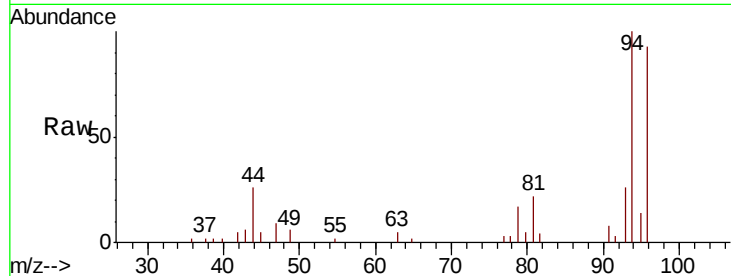
Tot Ion: 94 Resp: 31562

Ion Ratio Lower Upper

94 100

96 93.1 76.6 115.0

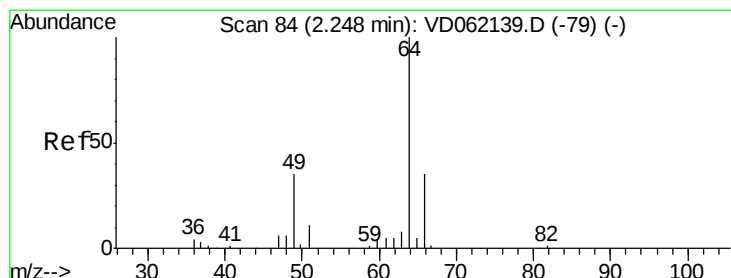
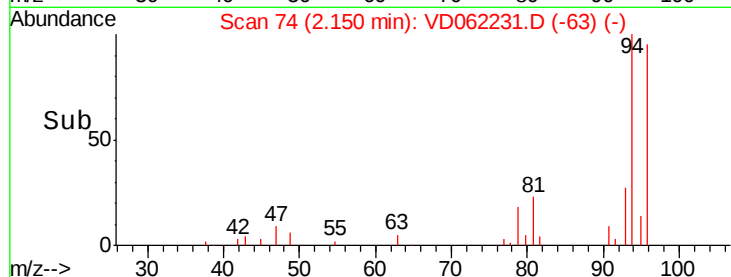
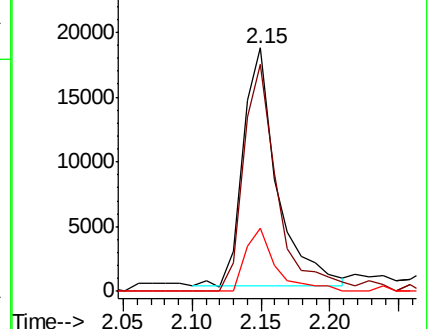
93 26.1 18.5 27.7



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 21.588 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VD062231.D

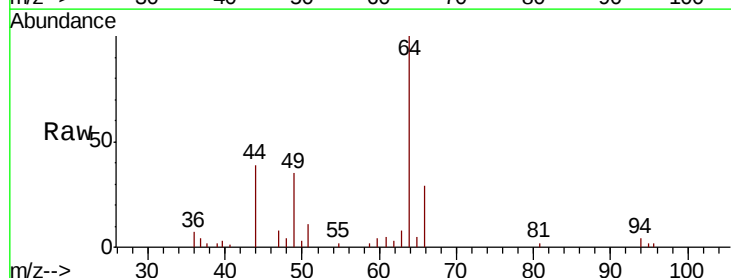
Acq: 11 May 2019 12:23

Tgt Ion: 64 Resp: 53846

Ion Ratio Lower Upper

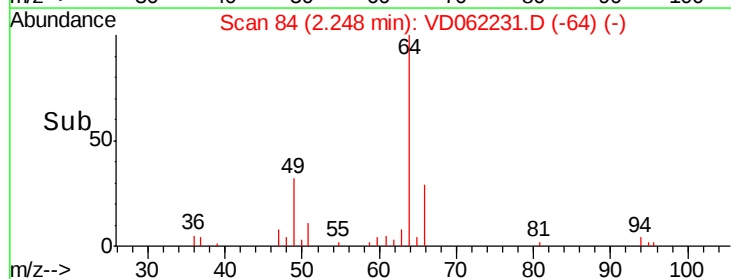
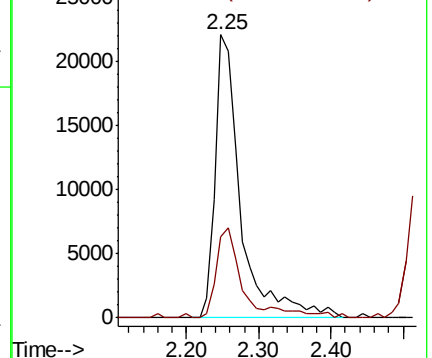
64 100

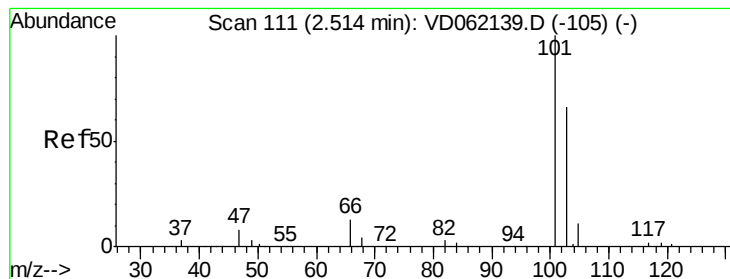
66 28.5 25.6 38.4



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



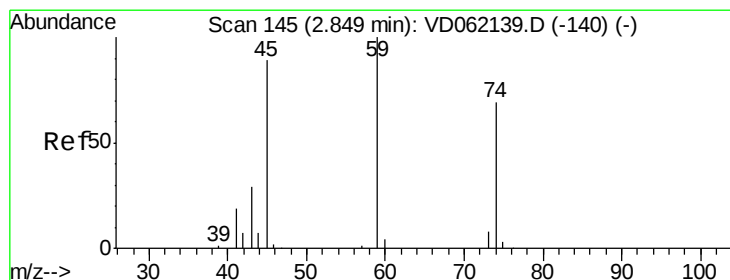
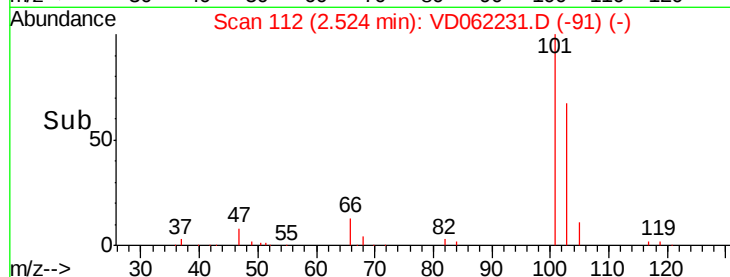
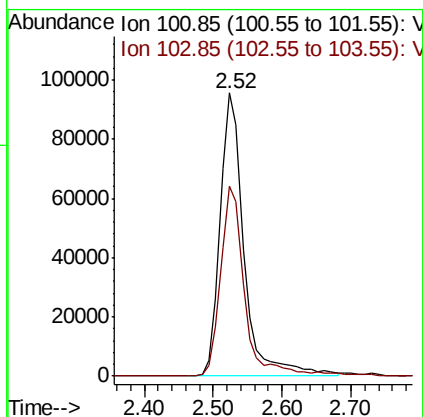
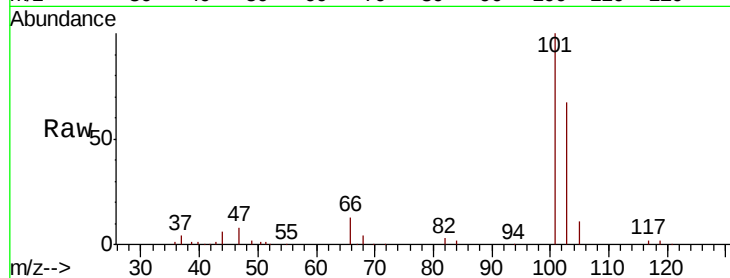


#7

Trichlorofluoromethane  
 Concen: 19.953 ug/l  
 RT: 2.52 min Scan# 112  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBSD01

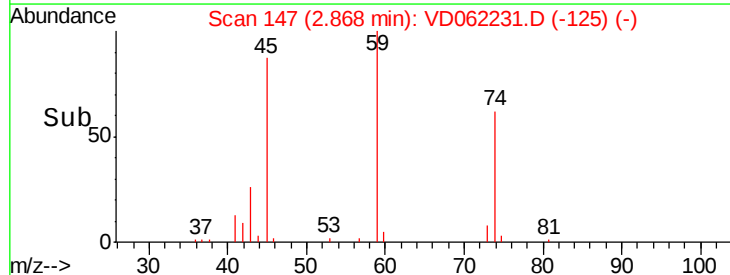
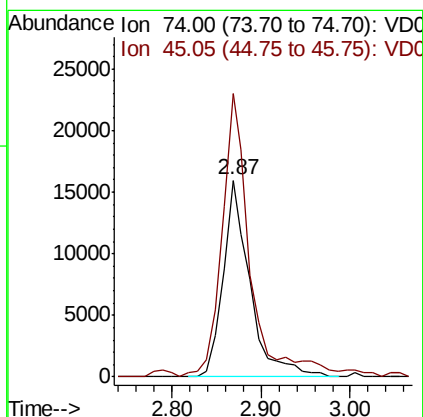
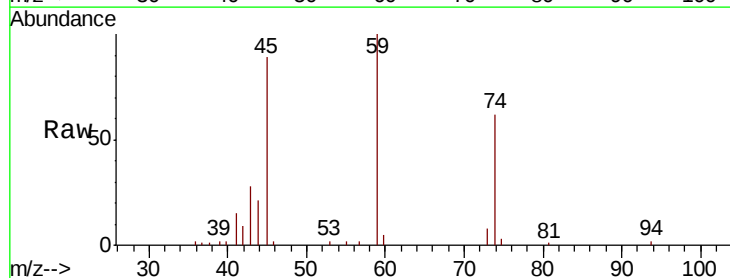
Tot Ion:101 Resp: 230585  
 Ion Ratio Lower Upper  
 101 100  
 103 66.9 53.6 80.4

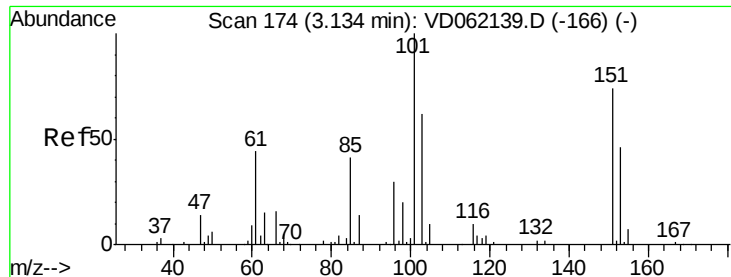


#8

Diethyl Ether  
 Concen: 15.107 ug/l  
 RT: 2.87 min Scan# 147  
 Delta R.T. 0.02 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Tgt Ion: 74 Resp: 33670  
 Ion Ratio Lower Upper  
 74 100  
 45 146.8 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.622 ug/l

RT: 3.14 min Scan# 175

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

VD0511SBSD01

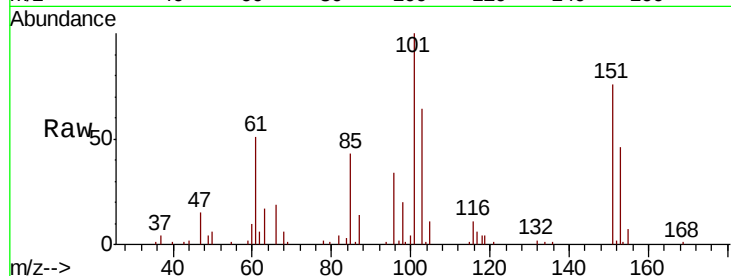
Tot Ion:101 Resp: 180281

Ion Ratio Lower Upper

101 100

85 42.7 32.4 48.6

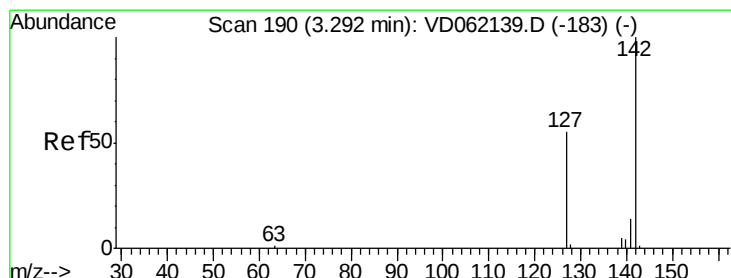
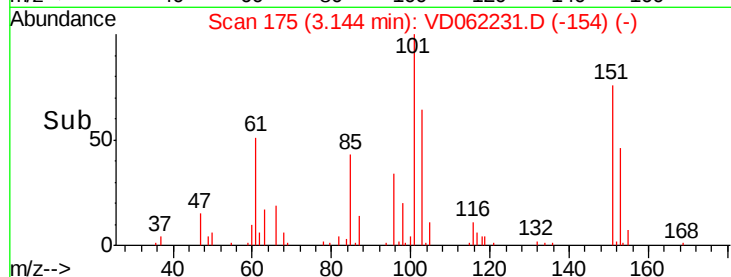
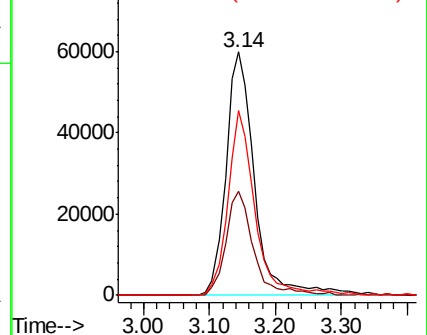
151 75.6 59.4 89.0



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: 15.245 ug/l

RT: 3.30 min Scan# 191

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

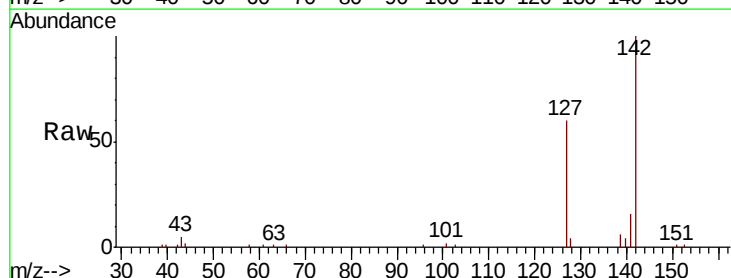
Tgt Ion:142 Resp: 201420

Ion Ratio Lower Upper

142 100

127 59.7 38.8 58.2#

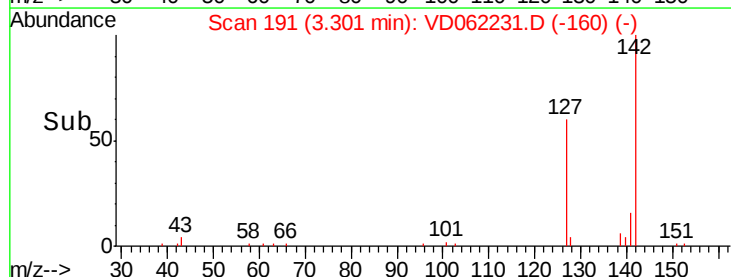
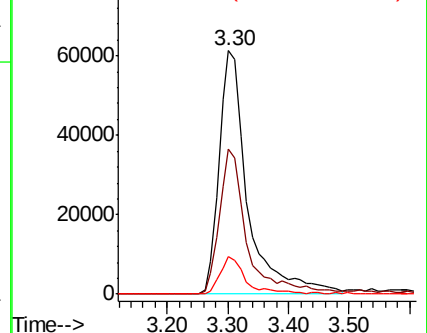
141 15.5 11.4 17.0

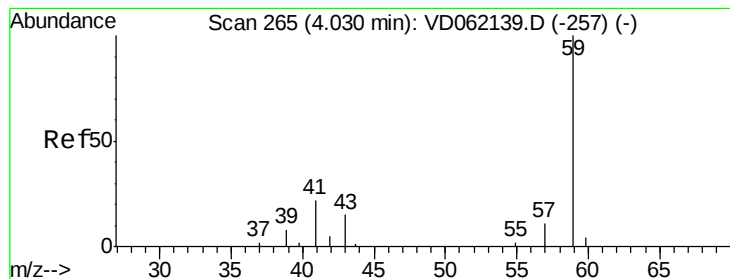


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



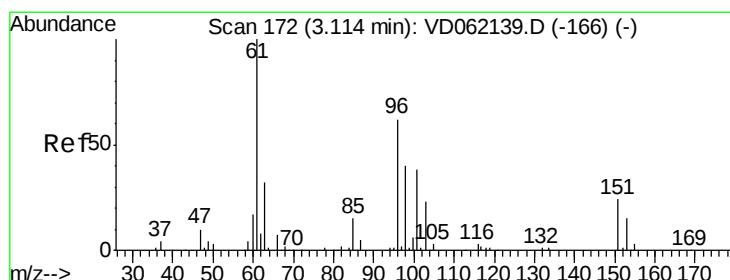
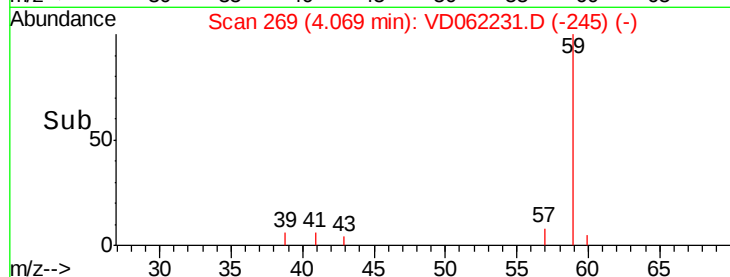
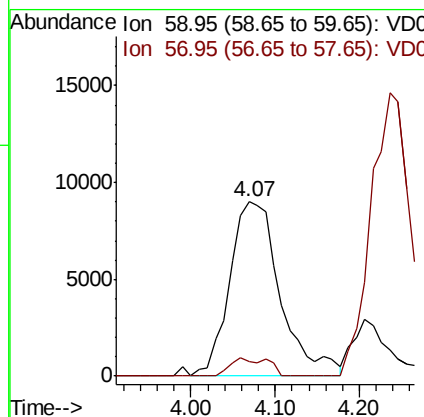
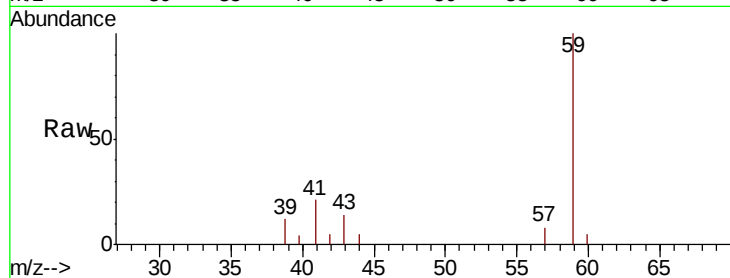


#11

Tert butyl alcohol  
 Concen: 90.819 ug/l  
 RT: 4.07 min Scan# 269  
 Delta R.T. 0.04 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBSD01

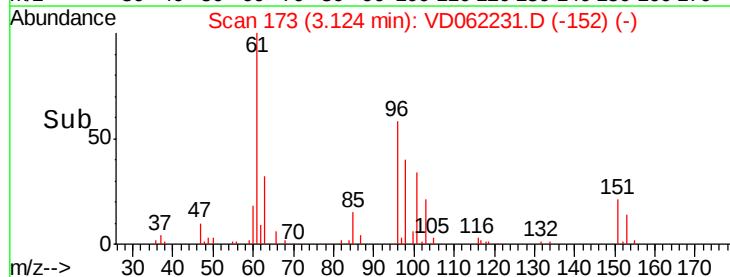
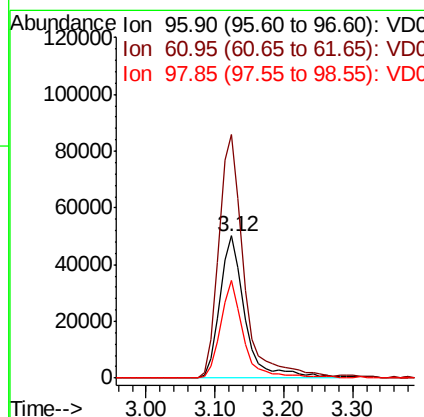
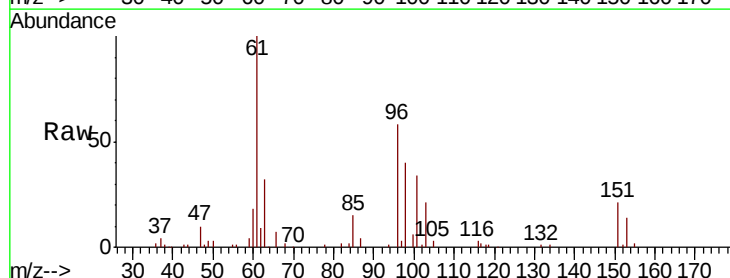
Tot Ion: 59 Resp: 37705  
 Ion Ratio Lower Upper  
 59 100  
 57 8.1 6.9 10.3

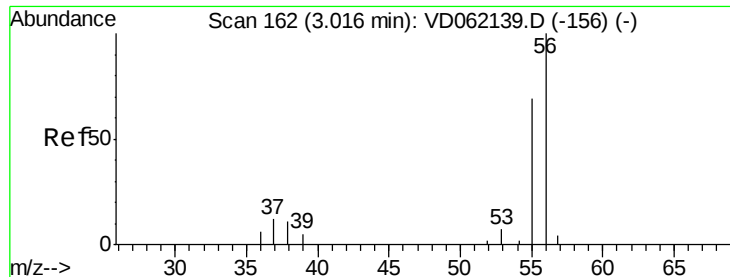


#12

1,1-Dichloroethene  
 Concen: 19.081 ug/l  
 RT: 3.12 min Scan# 173  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Tgt Ion: 96 Resp: 127333  
 Ion Ratio Lower Upper  
 96 100  
 61 171.1 129.8 194.8  
 98 68.7 51.2 76.8





#13

Acrolein

Concen: 87.048 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.02 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

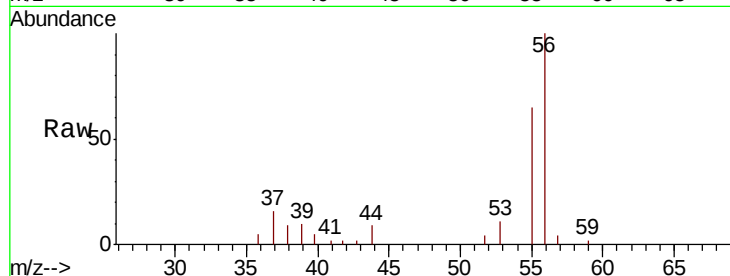
VD0511SBS01

Tot Ion: 56 Resp: 37379

Ion Ratio Lower Upper

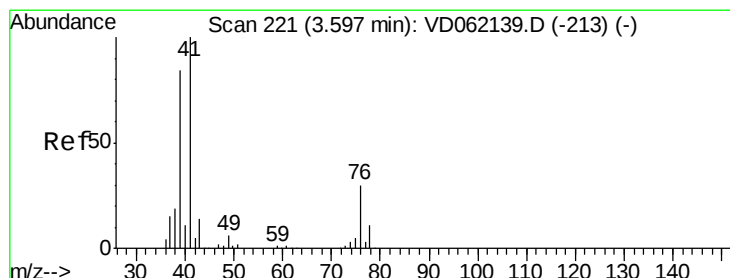
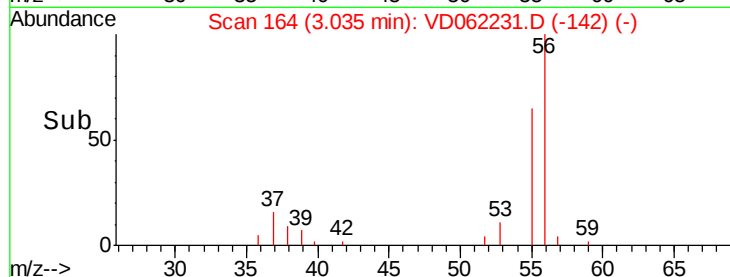
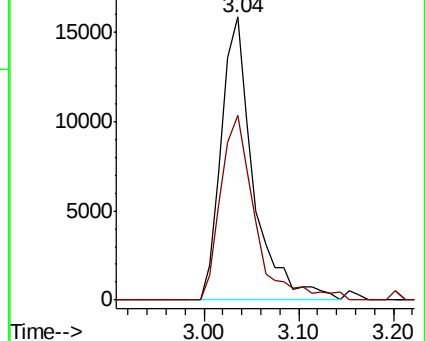
56 100

55 65.3 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: 18.742 ug/l

RT: 3.62 min Scan# 223

Delta R.T. 0.02 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

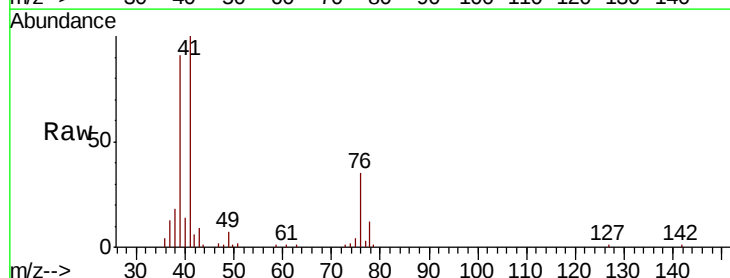
Tgt Ion: 41 Resp: 181853

Ion Ratio Lower Upper

41 100

39 90.6 60.5 90.7

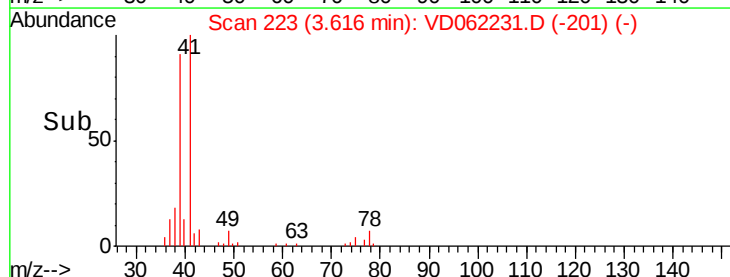
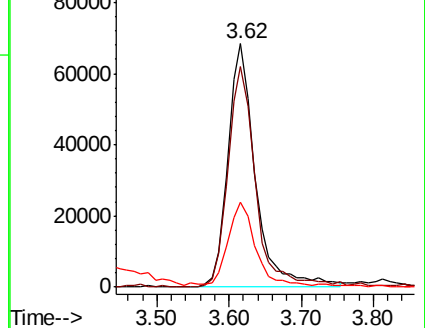
76 34.8 31.8 47.8

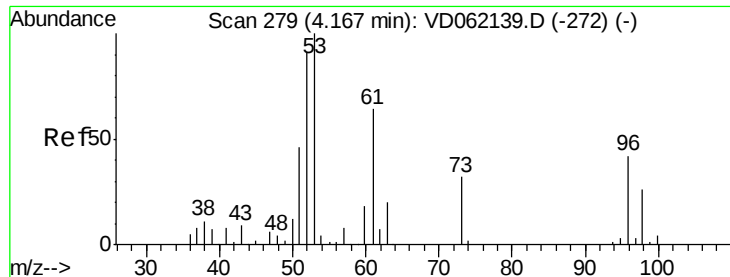


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 92.587 ug/l

RT: 4.20 min Scan# 282

Delta R.T. 0.03 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

VD0511SBSD01

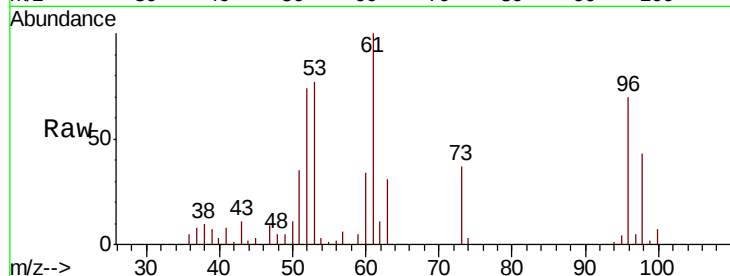
Tot Ion: 53 Resp: 101035

Ion Ratio Lower Upper

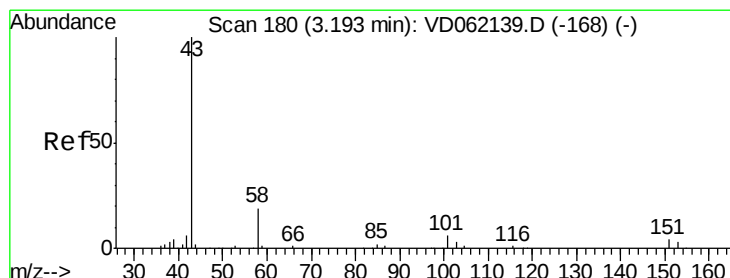
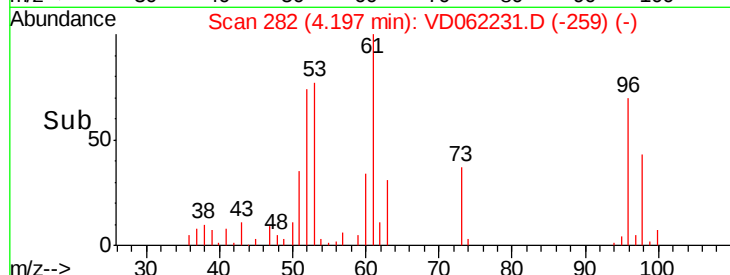
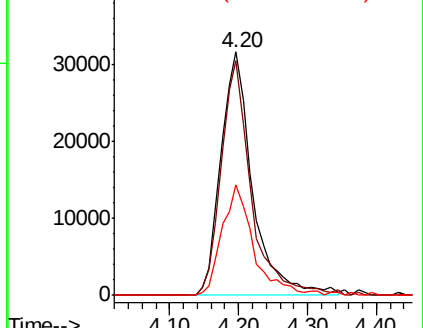
53 100

52 96.5 65.0 97.4

51 45.5 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: 107.732 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062231.D

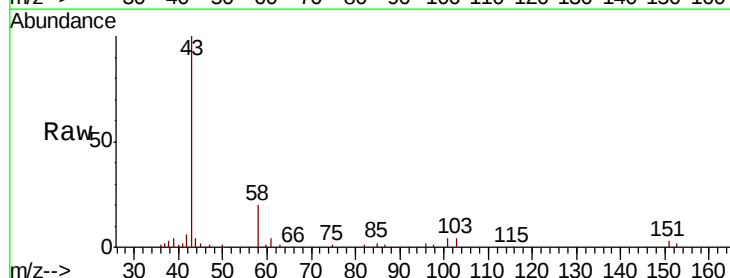
Acq: 11 May 2019 12:23

Tgt Ion: 43 Resp: 183755

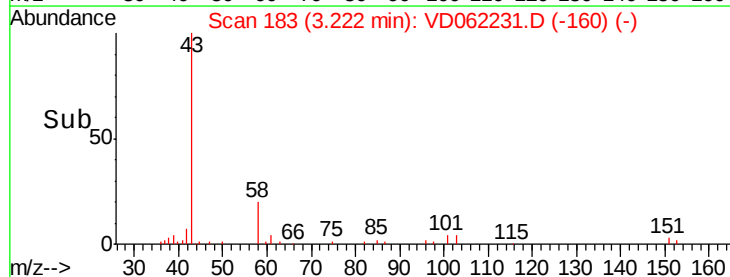
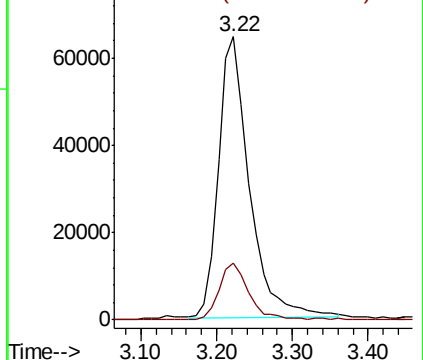
Ion Ratio Lower Upper

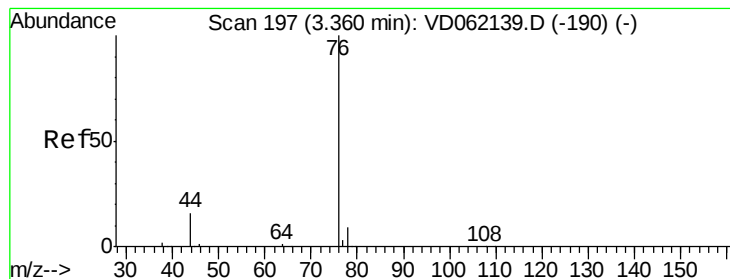
43 100

58 19.9 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: 16.779 ug/l

RT: 3.37 min Scan# 198

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

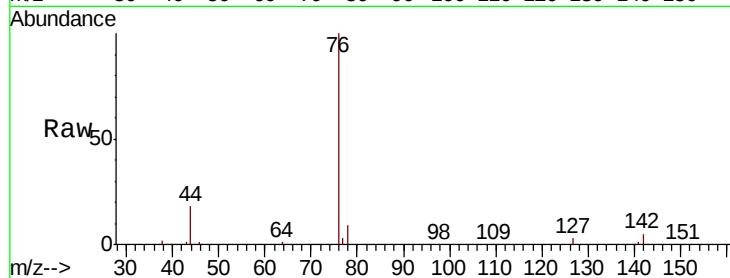
VD0511SBSD01

Tot Ion: 76 Resp: 322111

Ion Ratio Lower Upper

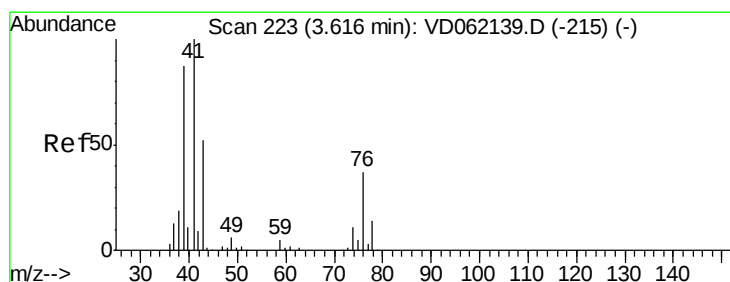
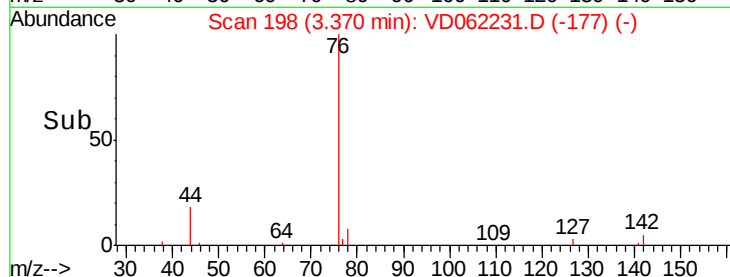
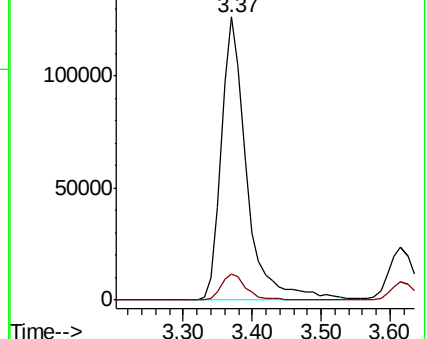
76 100

78 9.4 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: 17.615 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.02 min

Lab File: VD062231.D

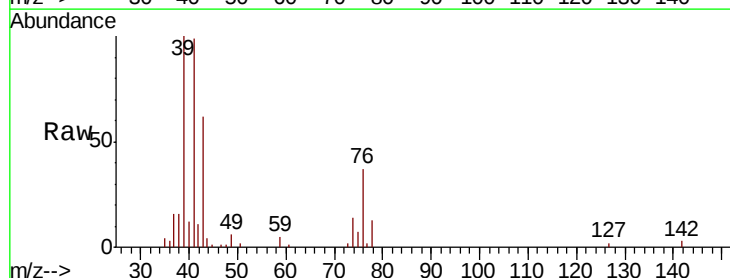
Acq: 11 May 2019 12:23

Tgt Ion: 43 Resp: 54335

Ion Ratio Lower Upper

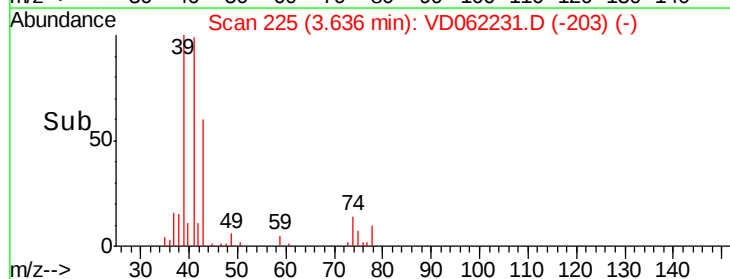
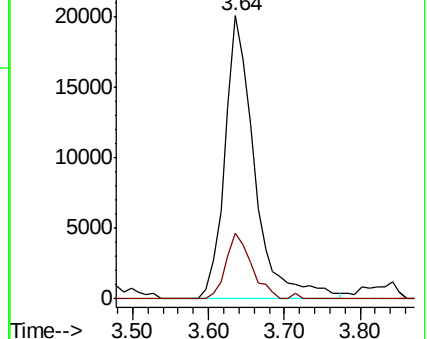
43 100

74 23.2 18.0 27.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

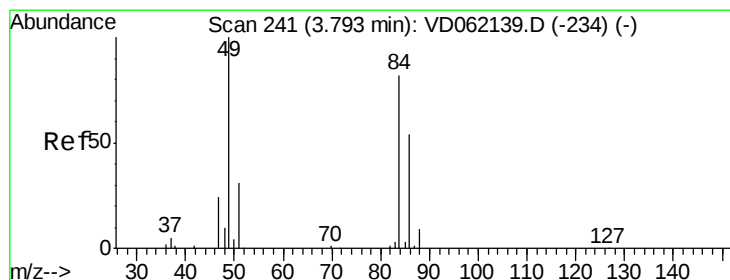
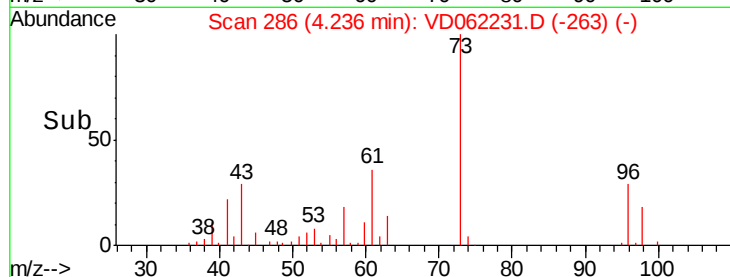
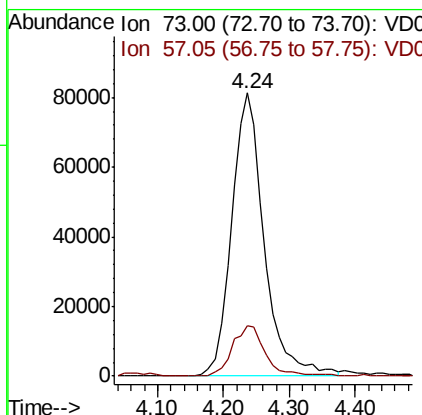
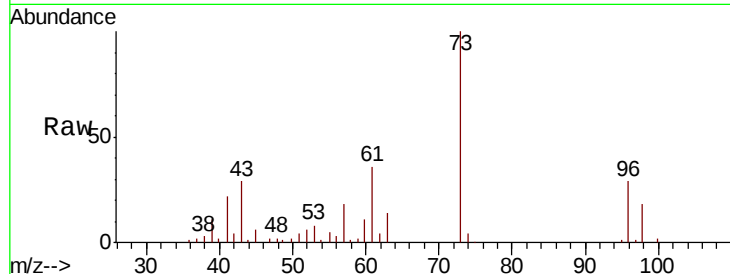




#19  
Methvl tert-butvl Ether  
Concen: 19.585 ug/l  
RT: 4.24 min Scan# 286  
Delta R.T. 0.03 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

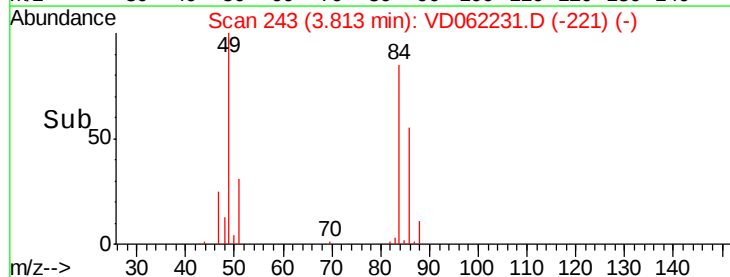
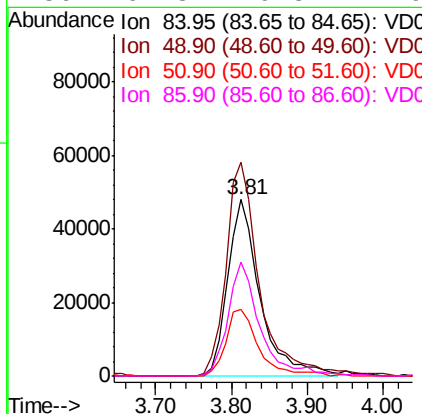
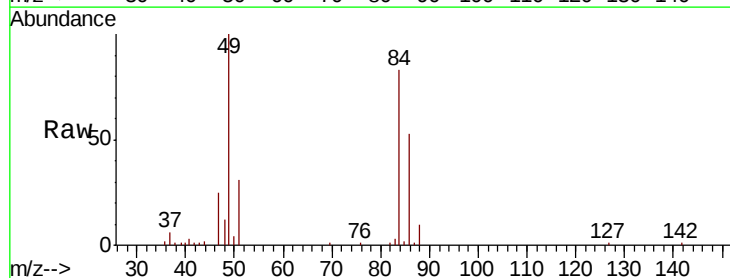
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0511SBSD01

Tot Ion: 73 Resp: 280136  
Ion Ratio Lower Upper  
73 100  
57 18.0 16.3 24.5



#20  
Methylene Chloride  
Concen: 19.816 ug/l  
RT: 3.81 min Scan# 243  
Delta R.T. 0.02 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Tgt Ion: 84 Resp: 141123  
Ion Ratio Lower Upper  
84 100  
49 121.0 94.0 141.0  
51 38.0 29.0 43.4  
86 64.3 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 18.219 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.02 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

VD0511SBSD01

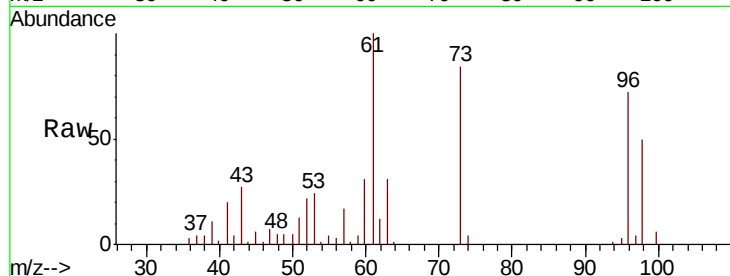
Tot Ion: 96 Resp: 135294

Ion Ratio Lower Upper

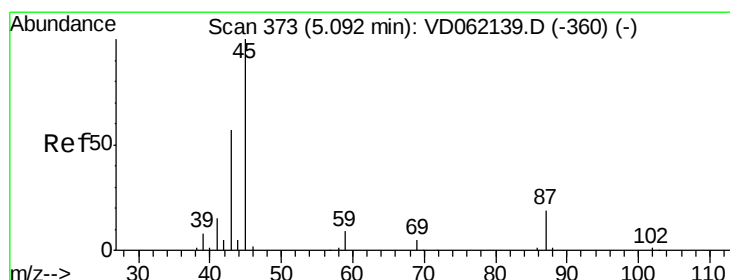
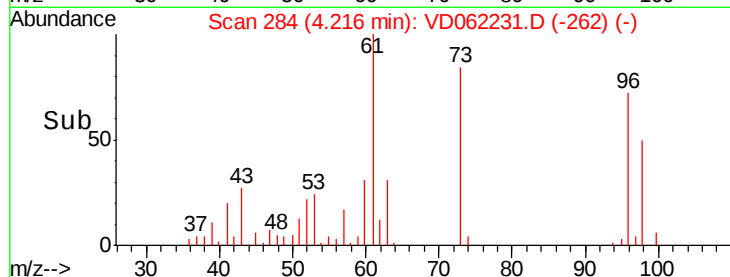
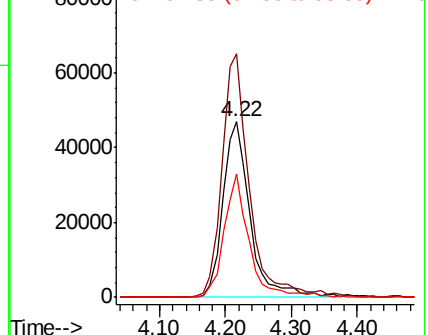
96 100

61 138.7 104.4 156.6

98 70.0 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: 19.295 ug/l

RT: 5.11 min Scan# 375

Delta R.T. 0.02 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Tgt Ion: 45 Resp: 398389

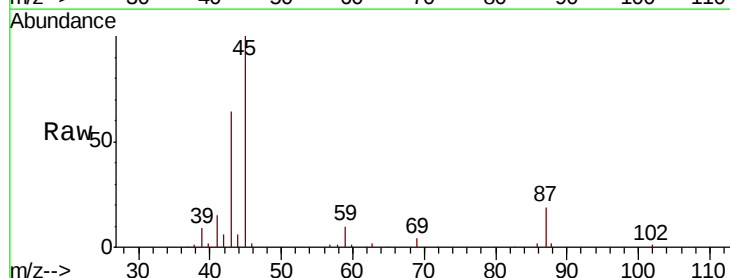
Ion Ratio Lower Upper

45 100

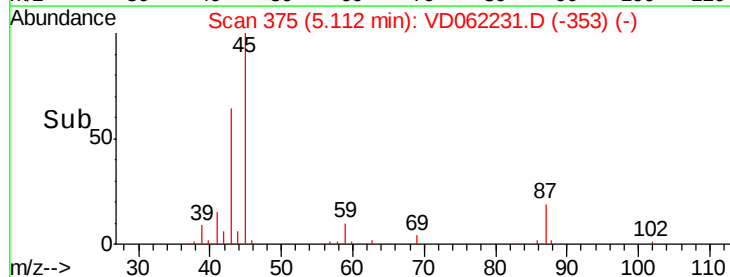
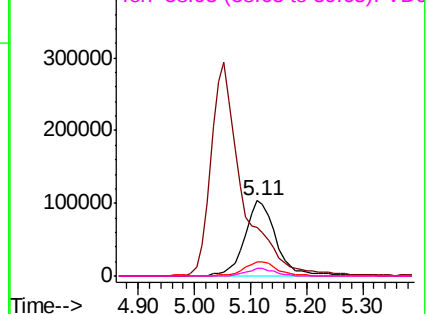
43 64.4 46.2 69.2

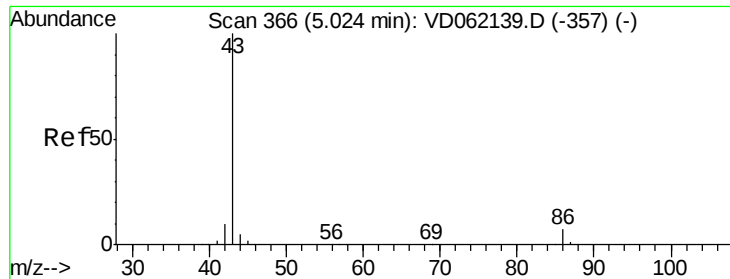
87 18.7 15.9 23.9

59 9.7 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: 103.563 ug/l

RT: 5.05 min Scan# 369

Delta R.T. 0.03 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

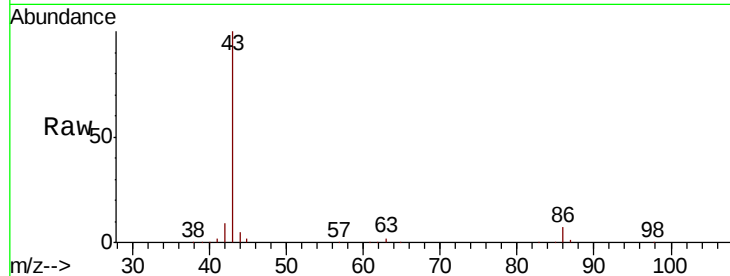
VD0511SBS01

Tot Ion: 43 Resp: 1128205

Ion Ratio Lower Upper

43 100

86 6.8 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

5.05

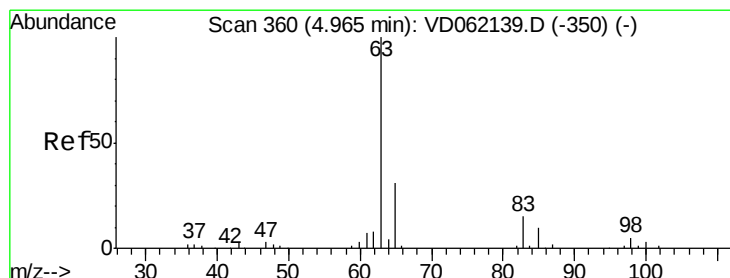
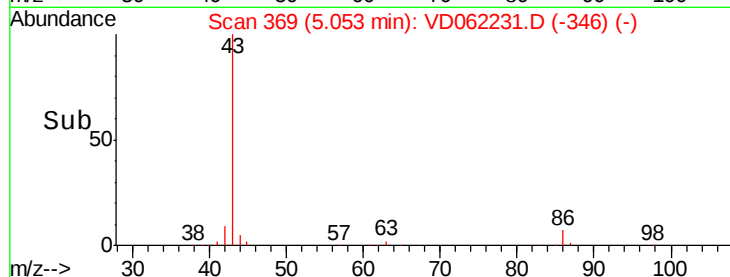
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.576 ug/l

RT: 4.97 min Scan# 361

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

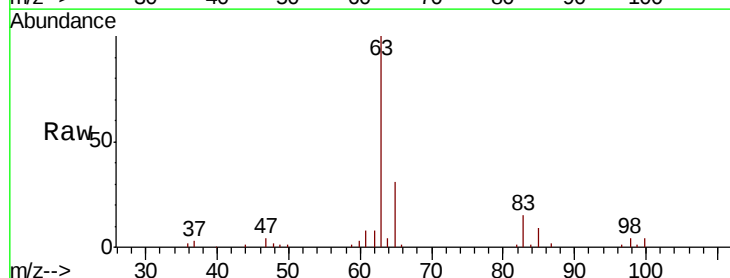
Tgt Ion: 63 Resp: 243837

Ion Ratio Lower Upper

63 100

98 3.8 2.8 8.4

100 3.5 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

4.97

80000

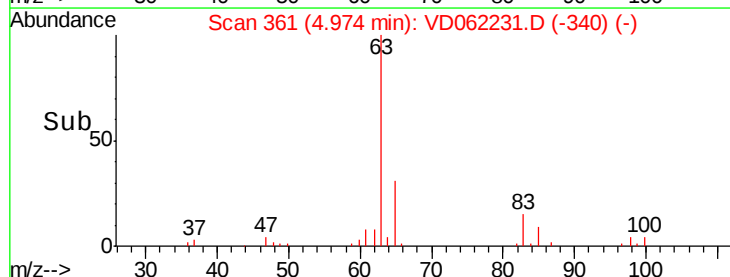
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 96.368 ug/l

RT: 6.07 min Scan# 472

Delta R.T. 0.03 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

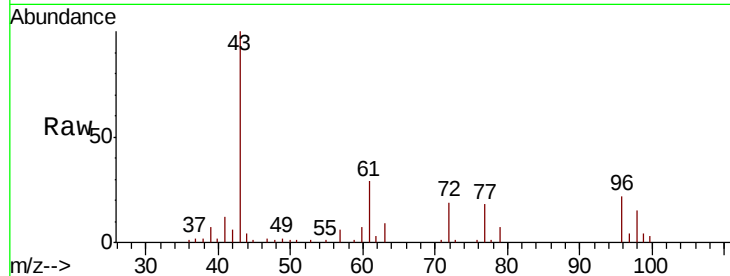
VD0511SBSD01

Tot Ion: 43 Resp: 179289

Ion Ratio Lower Upper

43 100

72 19.4 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

60000

50000

40000

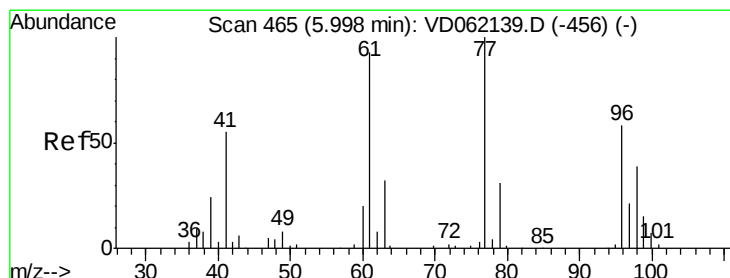
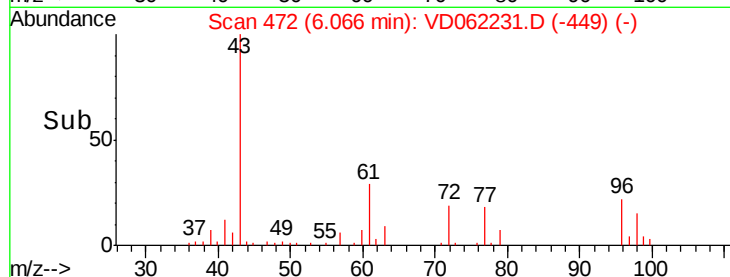
30000

20000

10000

0

Time-->



#26

2,2-Dichloropropane

Concen: 20.398 ug/l

RT: 6.03 min Scan# 468

Delta R.T. 0.03 min

Lab File: VD062231.D

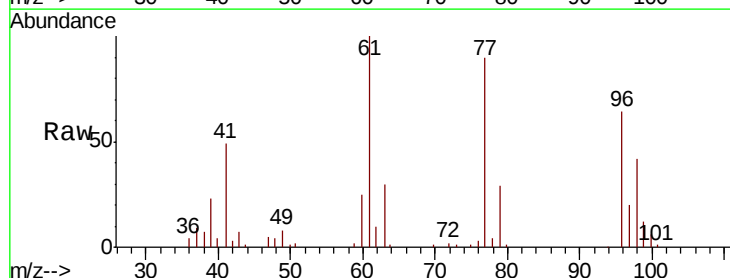
Acq: 11 May 2019 12:23

Tgt Ion: 77 Resp: 253084

Ion Ratio Lower Upper

77 100

97 21.9 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

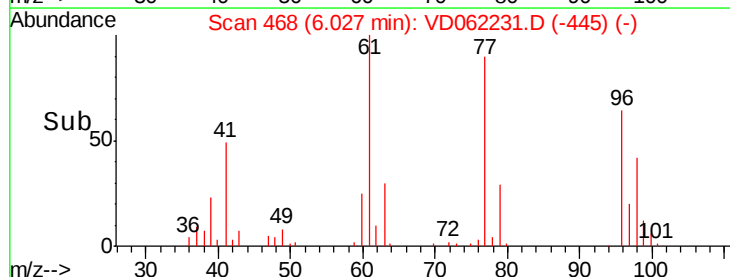
60000

40000

20000

0

Time-->



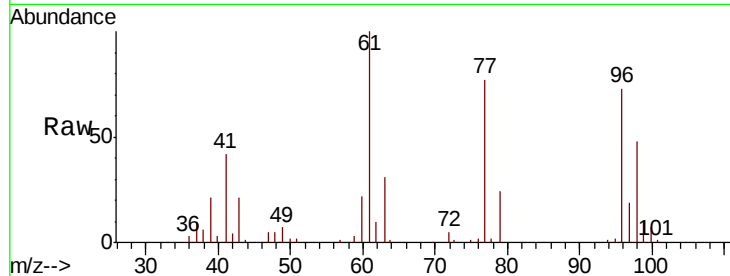


#27

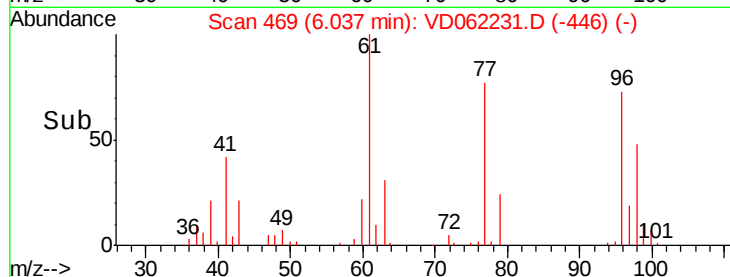
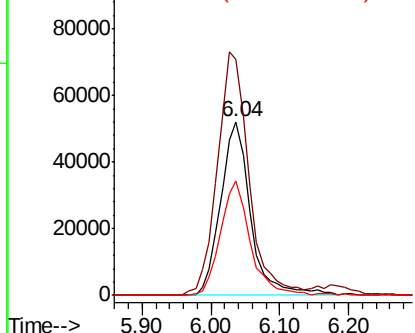
cis-1,2-Dichloroethene  
Concen: 18.840 ug/l  
RT: 6.04 min Scan# 469  
Delta R.T. 0.03 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0511SBSD01

Tot Ion: 96 Resp: 156601  
Ion Ratio Lower Upper  
96 100  
61 136.5 0.0 279.8  
98 65.7 0.0 136.0



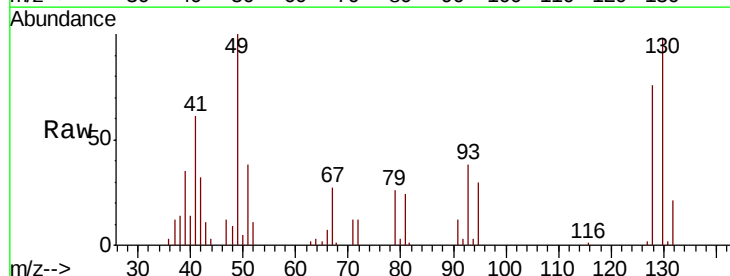
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



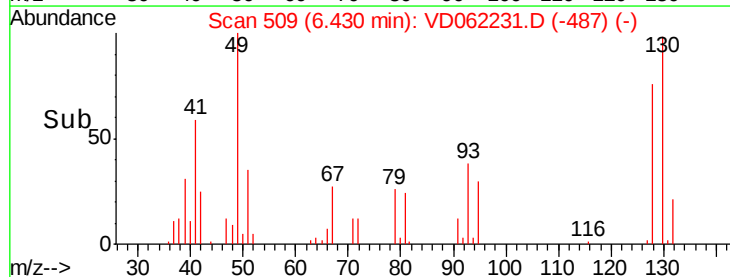
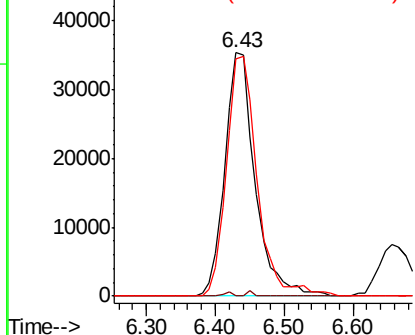
#28

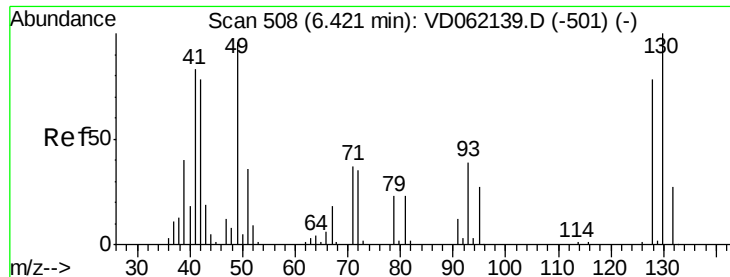
Bromochloromethane  
Concen: 21.979 ug/l  
RT: 6.43 min Scan# 509  
Delta R.T. 0.02 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Tgt Ion: 49 Resp: 107711  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 6.6  
130 97.5 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

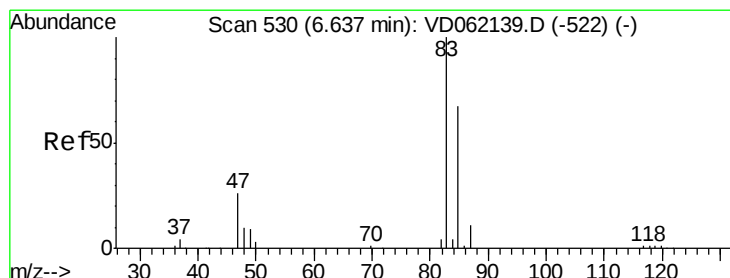
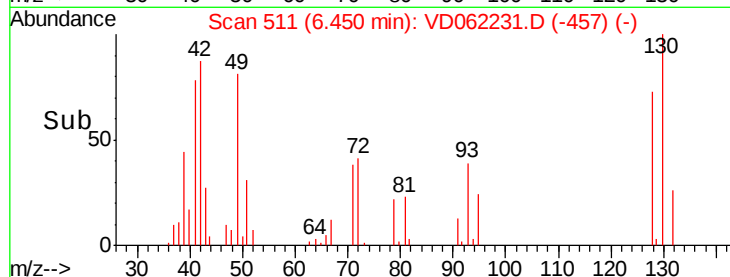
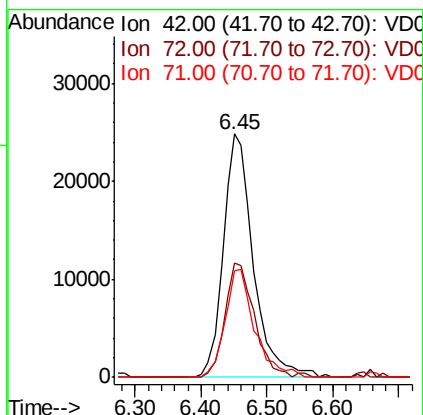
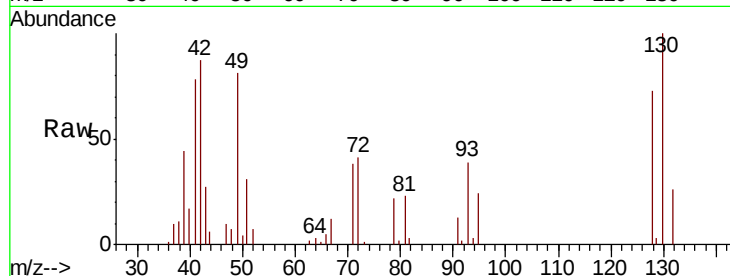




#29  
Tetrahydrofuran  
Concen: 92.127 ug/l  
RT: 6.45 min Scan# 511  
Delta R.T. 0.03 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

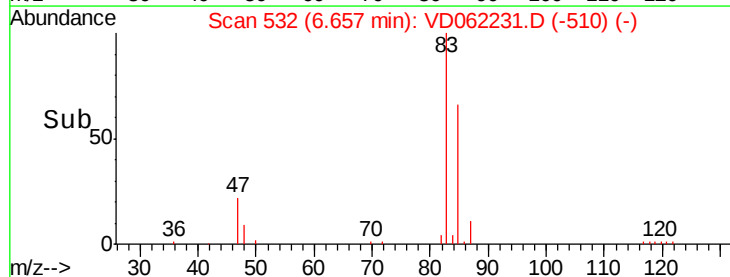
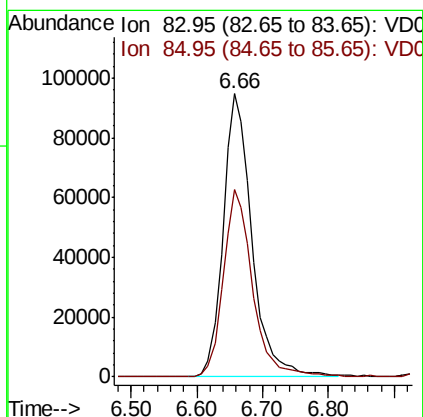
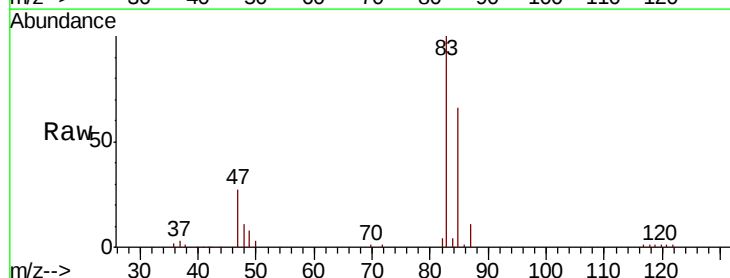
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0511SBSD01

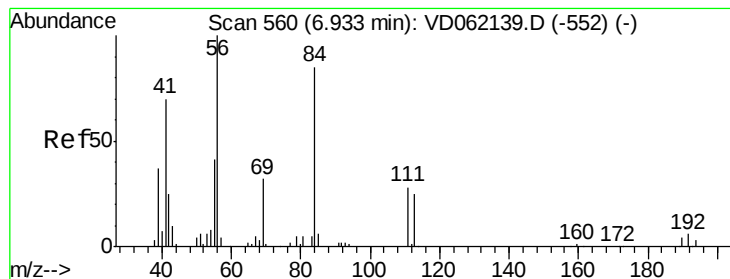
Tot Ion: 42 Resp: 78974  
Ion Ratio Lower Upper  
42 100  
72 45.9 37.8 56.6  
71 44.0 36.7 55.1



#30  
Chloroform  
Concen: 19.214 ug/l  
RT: 6.66 min Scan# 532  
Delta R.T. 0.02 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Tgt Ion: 83 Resp: 288439  
Ion Ratio Lower Upper  
83 100  
85 66.4 51.7 77.5





#31

Cyclohexane

Concen: 17.591 ug/l

RT: 6.95 min Scan# 562

Delta R.T. 0.02 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

VD0511SBS01

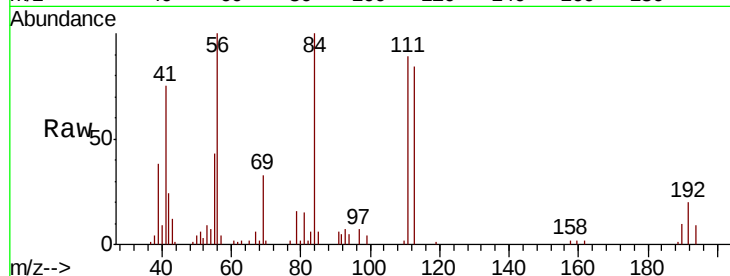
Tot Ion: 56 Resp: 150118

Ion Ratio Lower Upper

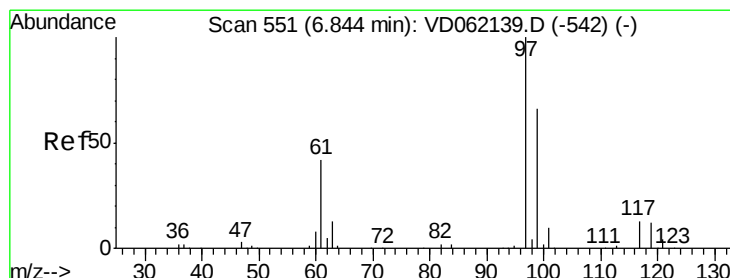
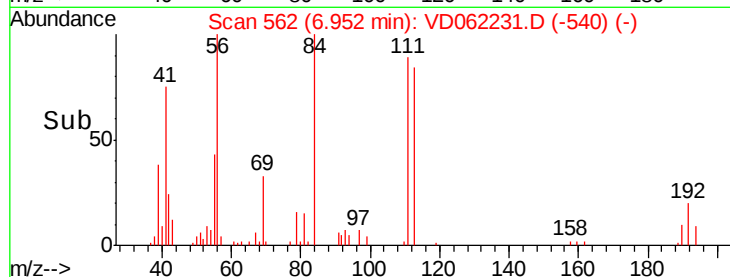
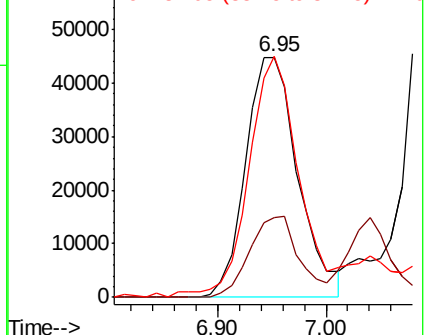
56 100

69 33.4 25.8 38.6

84 100.3 72.2 108.4



Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 20.140 ug/l

RT: 6.86 min Scan# 553

Delta R.T. 0.02 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

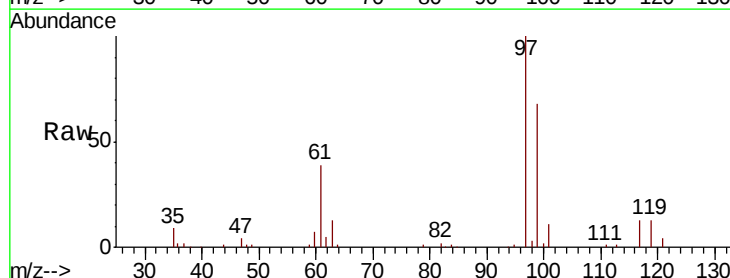
Tgt Ion: 97 Resp: 285768

Ion Ratio Lower Upper

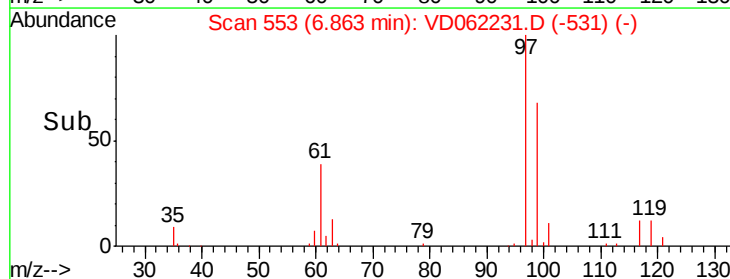
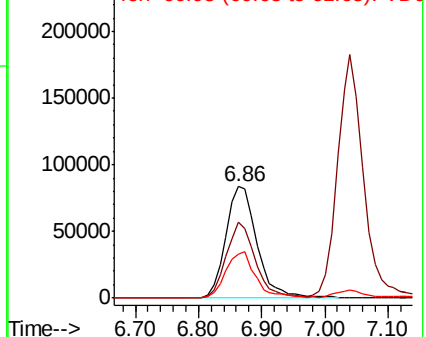
97 100

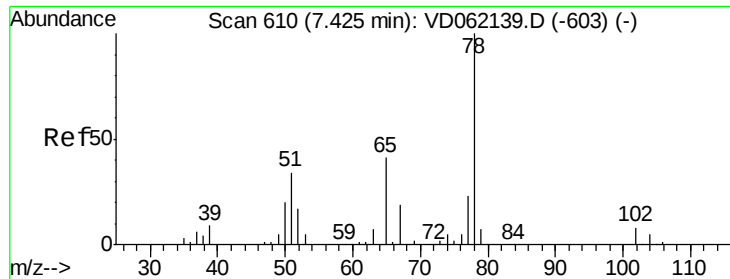
99 68.2 52.2 78.2

61 39.0 32.4 48.6



Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 98.85 (98.55 to 99.55): VDC  
Ion 60.95 (60.65 to 61.65): VDC

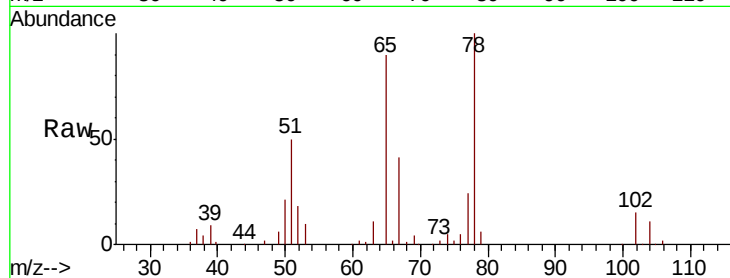




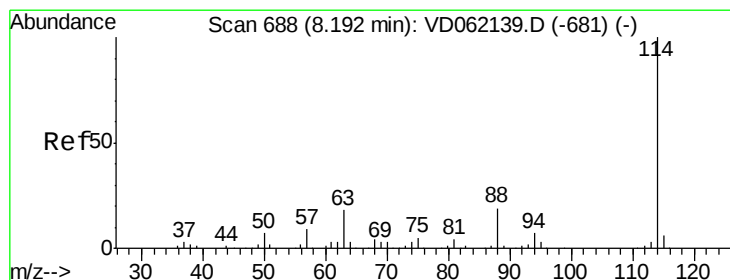
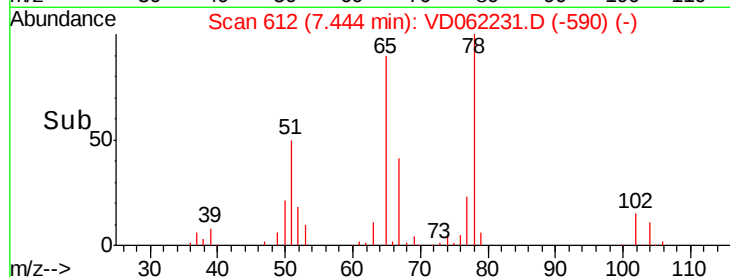
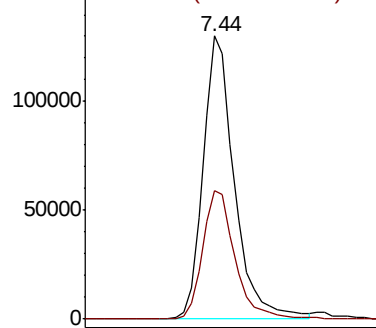
#33  
 1,2-Dichloroethane-d4  
 Concen: 43.800 ug/l  
 RT: 7.44 min Scan# 612  
 Delta R.T. 0.02 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBSD01

Tot Ion: 65 Resp: 356245  
 Ion Ratio Lower Upper  
 65 100  
 67 45.5 0.0 98.0

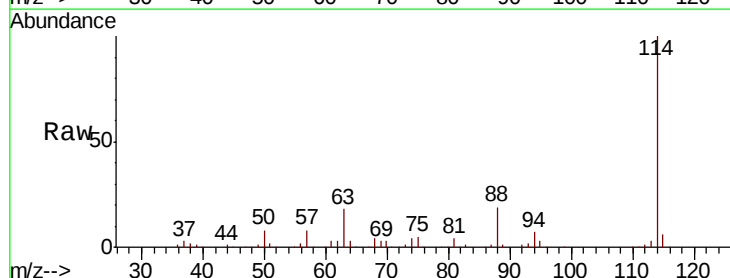


Abundance Ion 64.95 (64.65 to 65.65): VDC  
 Ion 66.90 (66.60 to 67.60): VDC

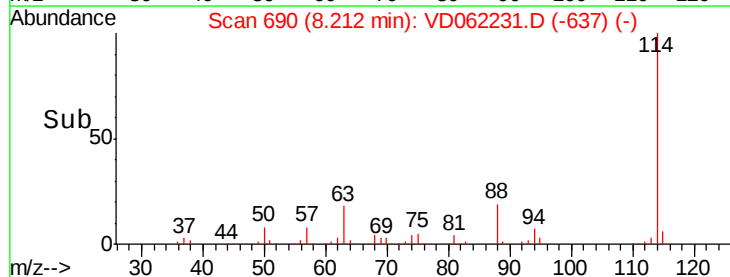
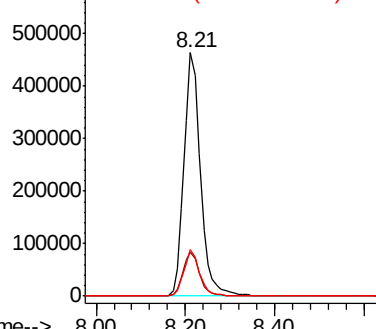


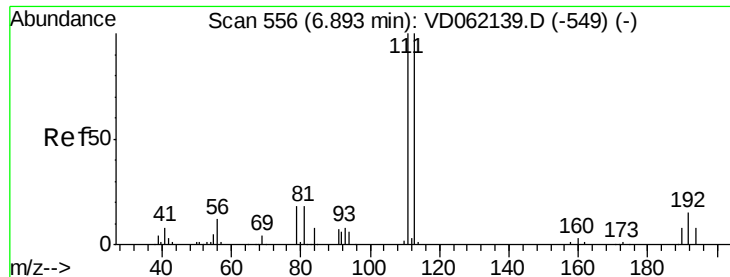
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.21 min Scan# 690  
 Delta R.T. 0.02 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Tgt Ion: 114 Resp: 1189520  
 Ion Ratio Lower Upper  
 114 100  
 63 17.8 0.0 32.4  
 88 18.9 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): VDC  
 Ion 62.95 (62.65 to 63.65): VDC  
 Ion 87.90 (87.60 to 88.60): VDC

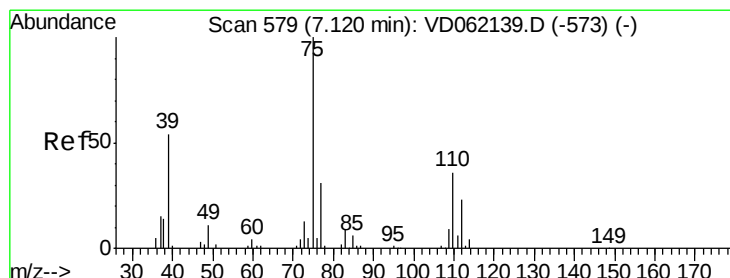
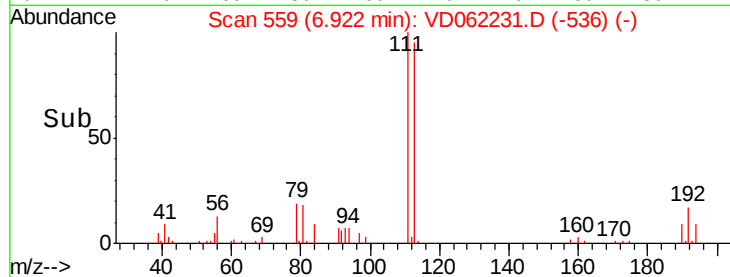
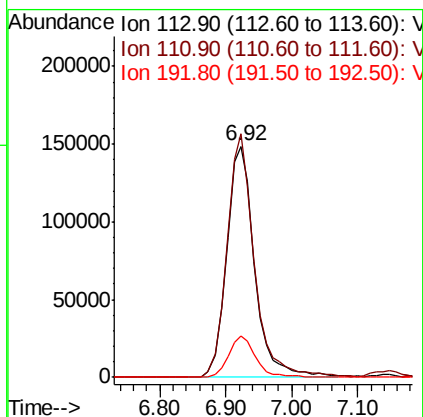
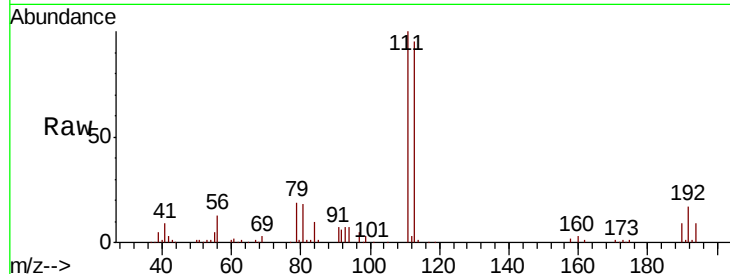




#35  
Dibromofluoromethane  
Concen: 44.805 ug/l  
RT: 6.92 min Scan# 559  
Delta R.T. 0.03 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

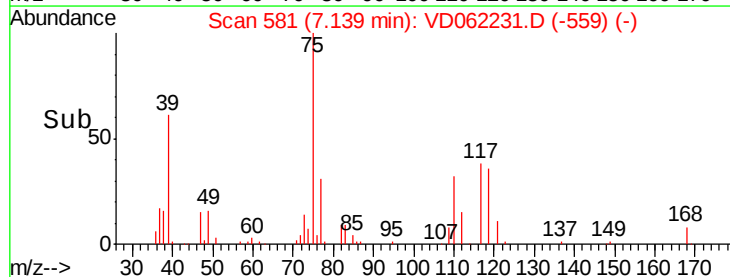
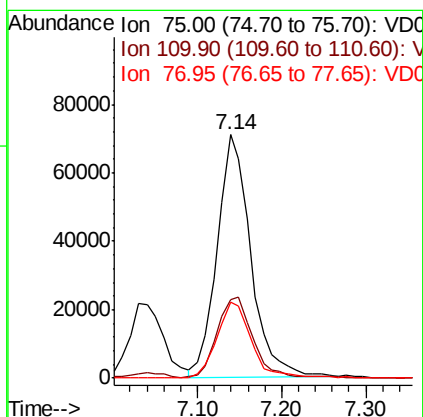
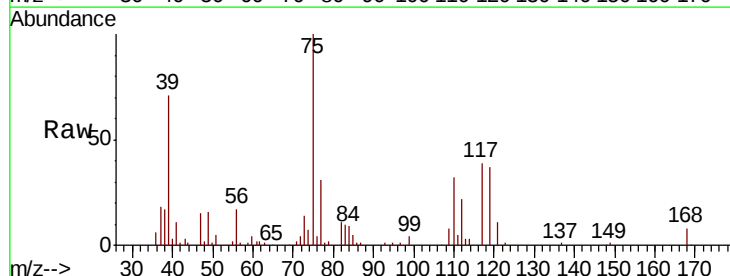
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0511SBSD01

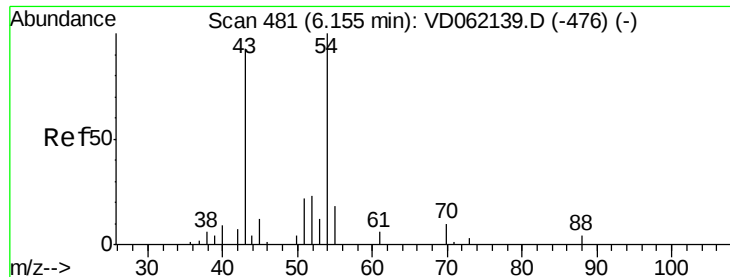
Tot Ion:113 Resp: 442202  
Ion Ratio Lower Upper  
113 100  
111 105.2 78.5 117.7  
192 17.6 13.0 19.4



#36  
1,1-Dichloropropene  
Concen: 20.132 ug/l  
RT: 7.14 min Scan# 581  
Delta R.T. 0.02 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Tgt Ion: 75 Resp: 196343  
Ion Ratio Lower Upper  
75 100  
110 32.2 19.1 57.1  
77 31.2 25.6 38.4

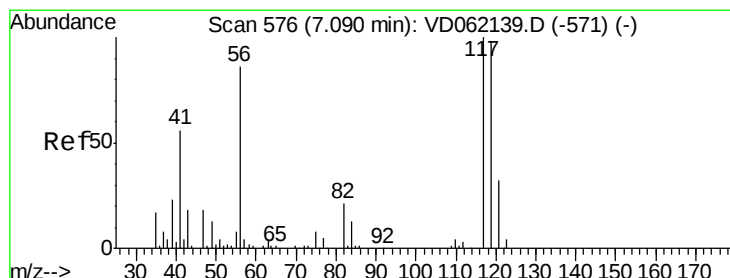
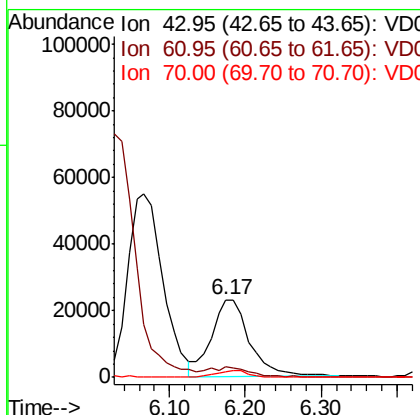
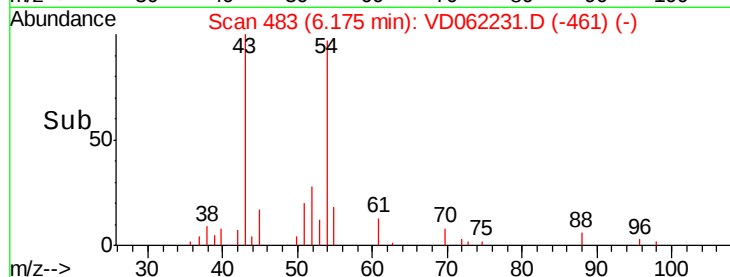
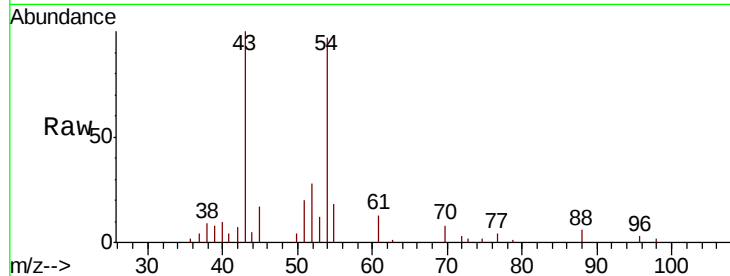




#37  
Ethyl Acetate  
Concen: 19.547 ug/l  
RT: 6.17 min Scan# 483  
Delta R.T. 0.02 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

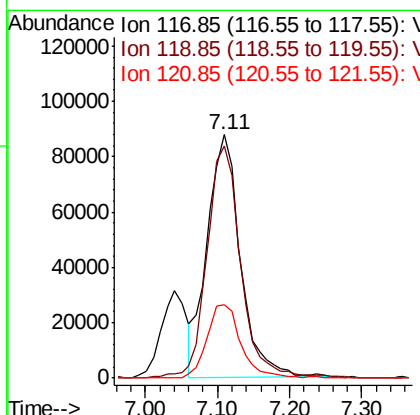
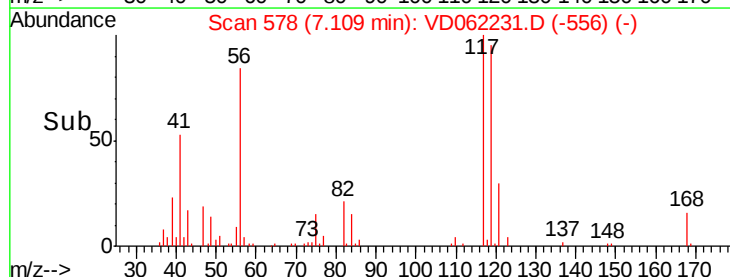
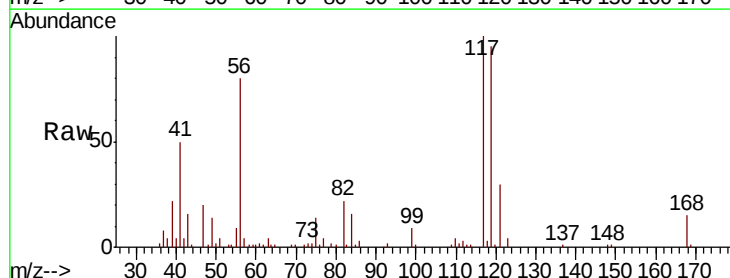
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0511SBSD01

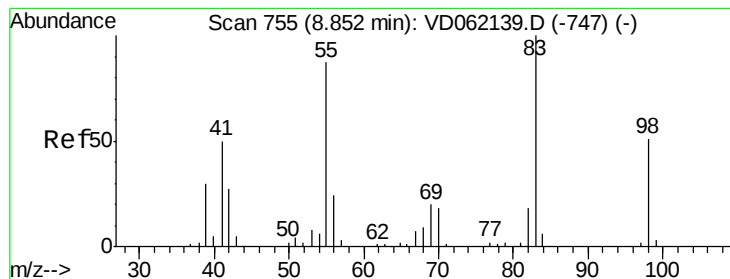
Tot Ion: 43 Resp: 80850  
Ion Ratio Lower Upper  
43 100  
61 13.2 14.7 22.1#  
70 7.7 7.8 11.6#



#38  
Carbon Tetrachloride  
Concen: 20.760 ug/l  
RT: 7.11 min Scan# 578  
Delta R.T. 0.02 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Tgt Ion: 117 Resp: 280243  
Ion Ratio Lower Upper  
117 100  
119 95.3 75.8 113.8  
121 30.0 25.9 38.9





#39

Methvlcvclohexane

Concen: 19.329 ug/l

RT: 8.86 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

VD0511SBSD01

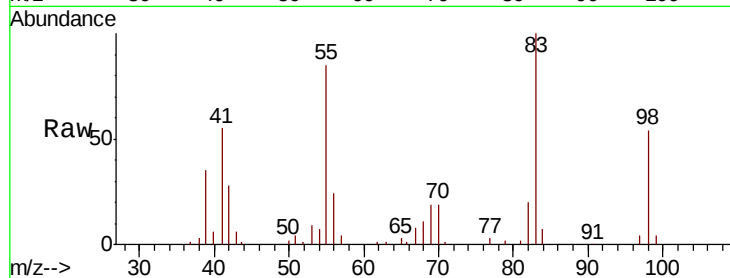
Tot Ion: 83 Resp: 180619

Ion Ratio Lower Upper

83 100

55 85.3 68.2 102.4

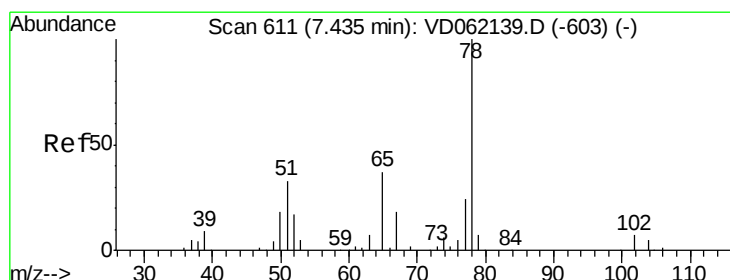
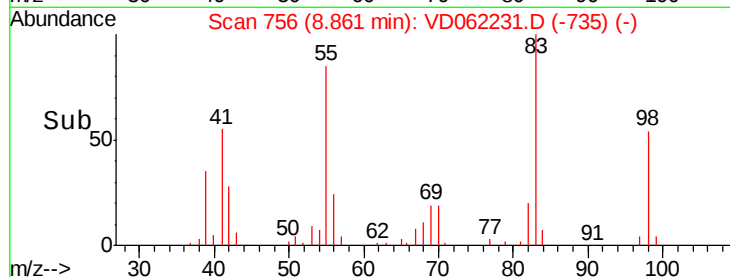
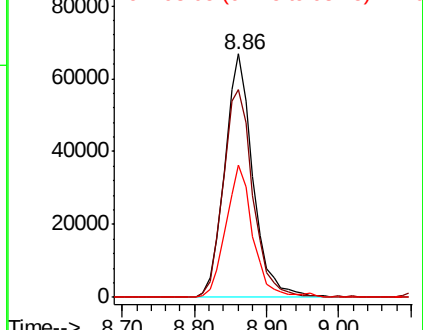
98 54.2 38.2 57.4



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: 19.132 ug/l

RT: 7.45 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD062231.D

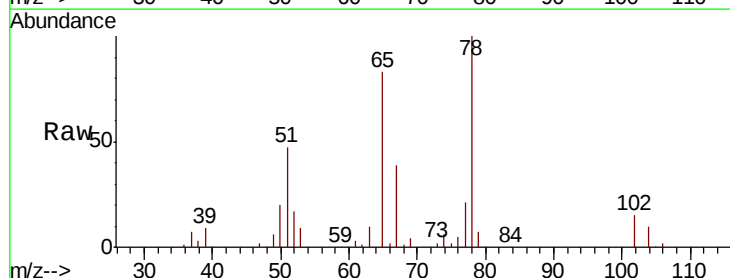
Acq: 11 May 2019 12:23

Tgt Ion: 78 Resp: 421357

Ion Ratio Lower Upper

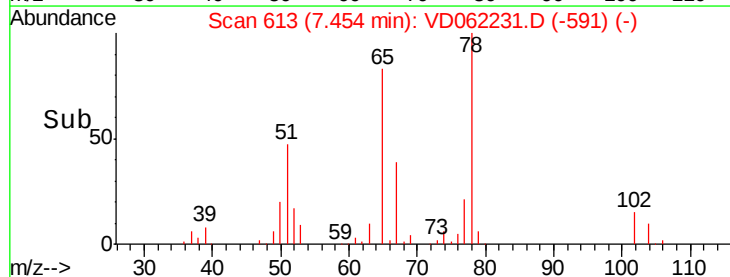
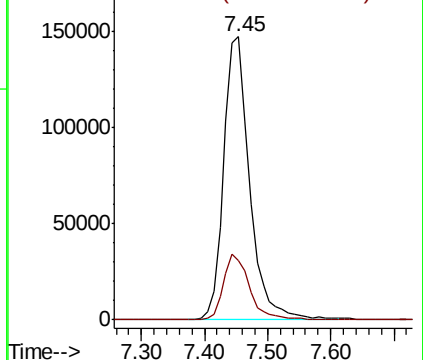
78 100

77 20.9 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: 19.864 ug/l

RT: 6.44 min Scan# 510

Delta R.T. 0.02 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

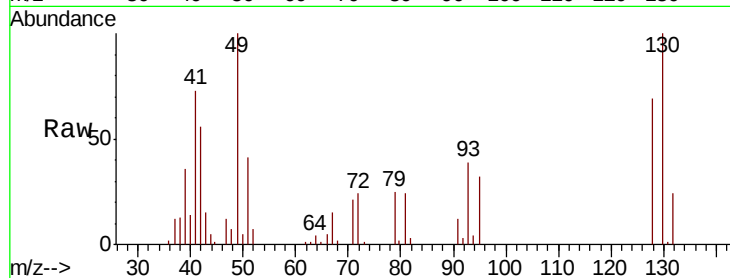
ClientSampleId :

VD0511SBSD01

Tot Ion: 41 Resp: 100404

Ion Ratio Lower Upper

|    |      |      |      |
|----|------|------|------|
| 41 | 100  |      |      |
| 39 | 48.6 | 34.1 | 51.1 |
| 67 | 20.8 | 23.8 | 35.6 |
| 52 | 9.4  | 8.8  | 13.2 |

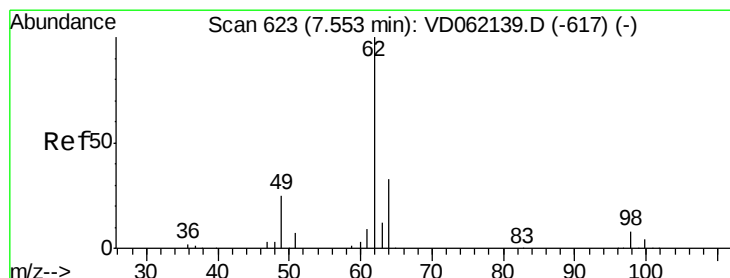
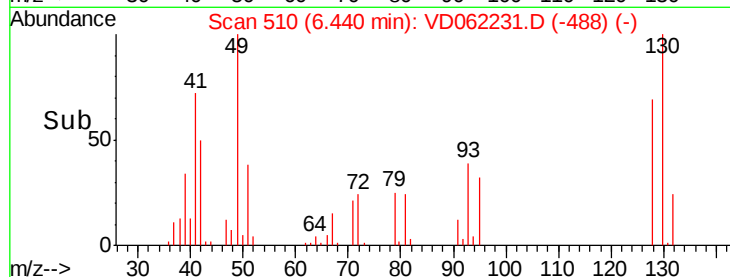
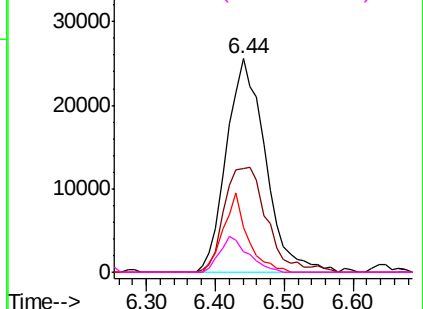


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 19.764 ug/l

RT: 7.57 min Scan# 625

Delta R.T. 0.02 min

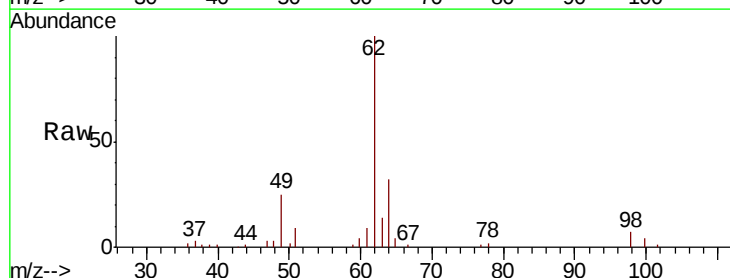
Lab File: VD062231.D

Acq: 11 May 2019 12:23

Tgt Ion: 62 Resp: 184418

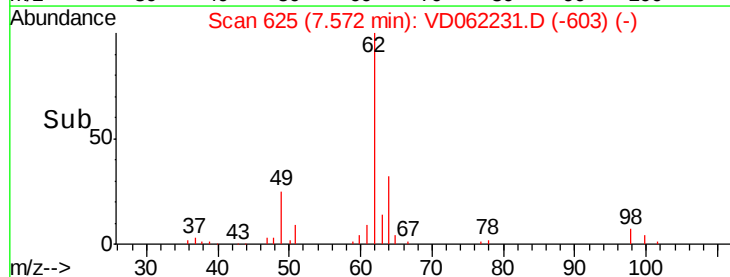
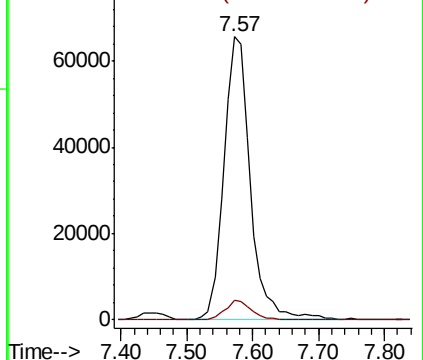
Ion Ratio Lower Upper

|    |     |     |      |
|----|-----|-----|------|
| 62 | 100 |     |      |
| 98 | 6.8 | 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: 19.550 ug/l

RT: 9.24 min Scan# 794

Delta R.T. 0.02 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

VD0511SBSD01

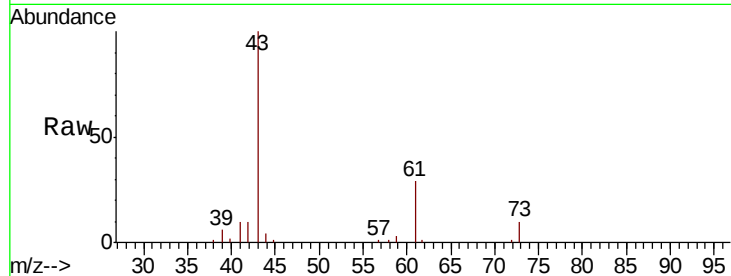
Tot Ion: 43 Resp: 114678

Ion Ratio Lower Upper

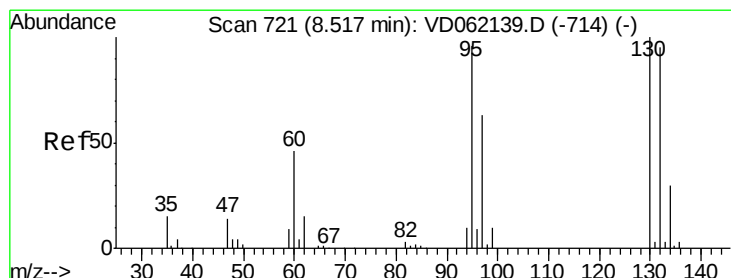
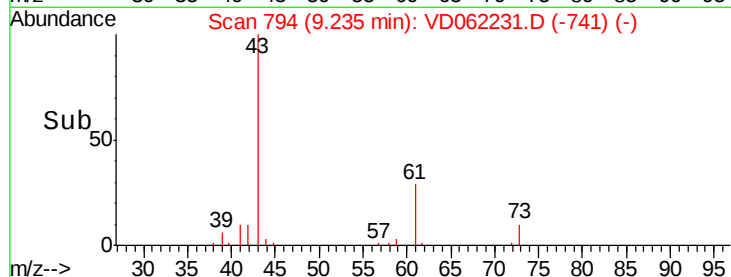
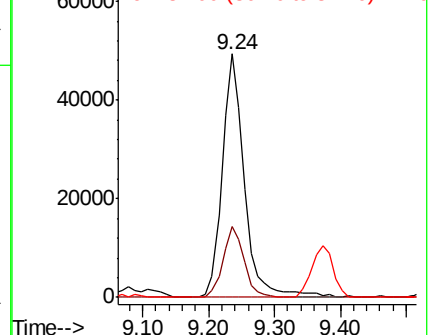
43 100

61 29.0 25.1 37.7

87 0.0 0.0 0.0



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



#44

Trichloroethene

Concen: 19.253 ug/l

RT: 8.54 min Scan# 723

Delta R.T. 0.02 min

Lab File: VD062231.D

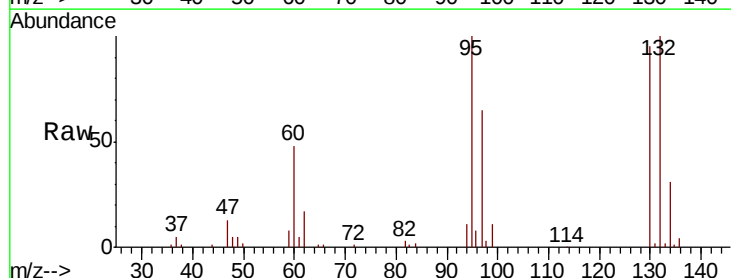
Acq: 11 May 2019 12:23

Tgt Ion:130 Resp: 161574

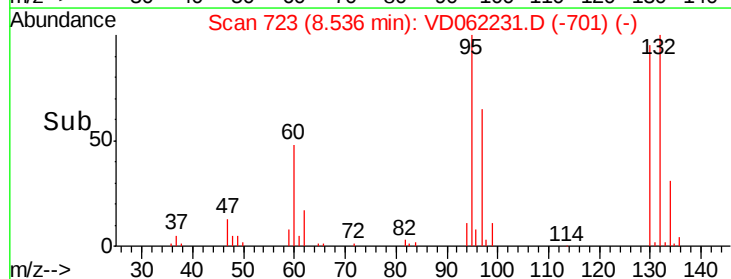
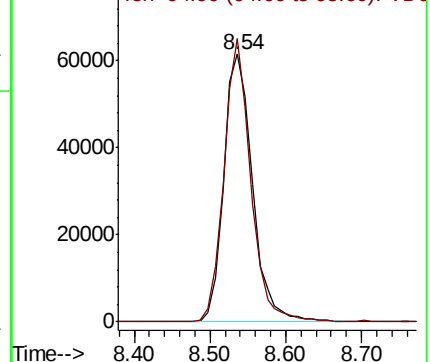
Ion Ratio Lower Upper

130 100

95 105.7 0.0 174.0



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





#45

1,2-Dichloropropane

Concen: 19.864 ug/l

RT: 8.93 min Scan# 763

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

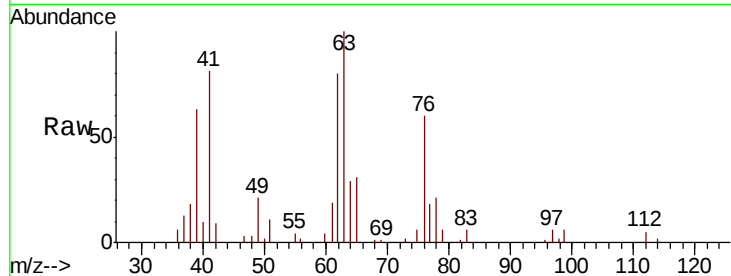
VD0511SBSD01

Tot Ion: 63 Resp: 108208

Ion Ratio Lower Upper

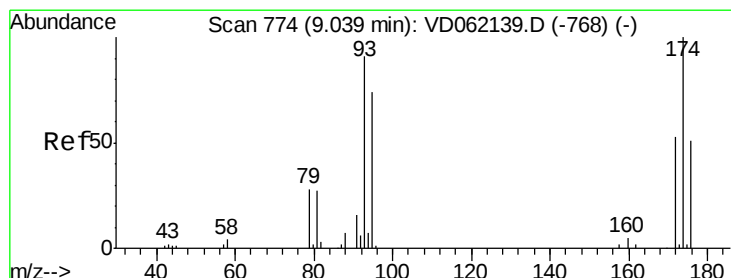
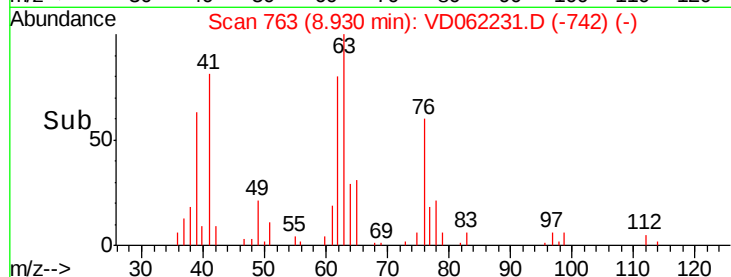
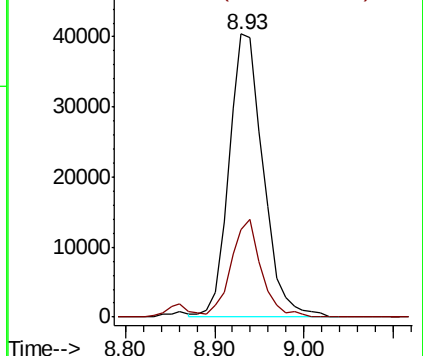
63 100

65 30.9 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: 18.289 ug/l

RT: 9.06 min Scan# 776

Delta R.T. 0.02 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

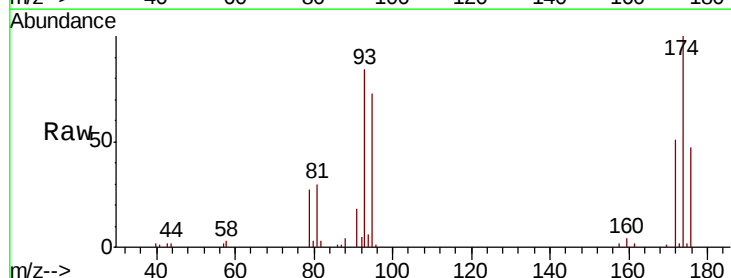
Tgt Ion: 93 Resp: 81016

Ion Ratio Lower Upper

93 100

95 86.2 64.8 97.2

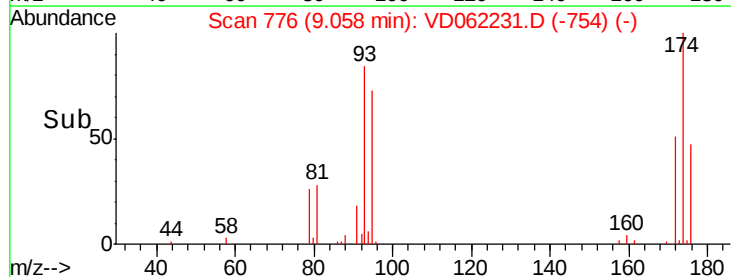
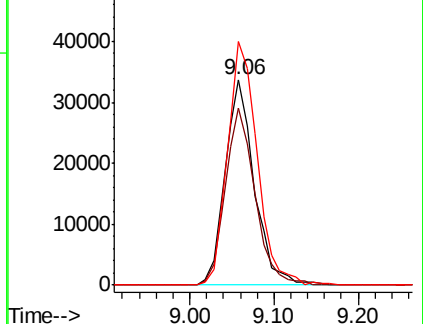
174 118.6 79.3 118.9



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): VDC





#47

Bromodichloromethane

Concen: 20.519 ug/l

RT: 9.37 min Scan# 808

Delta R.T. 0.02 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

VD0511SBSD01

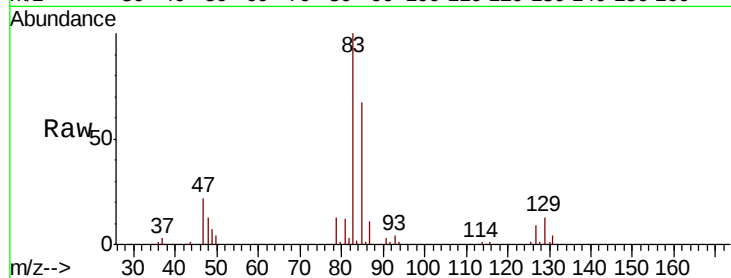
Tot Ion: 83 Resp: 222331

Ion Ratio Lower Upper

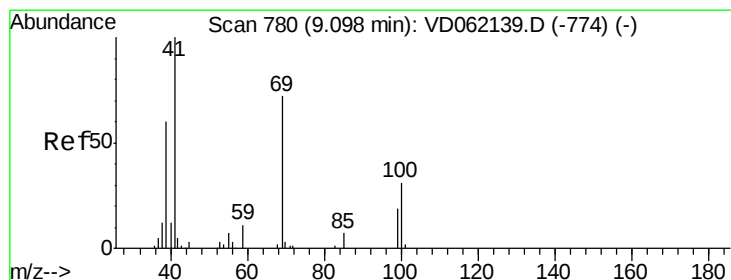
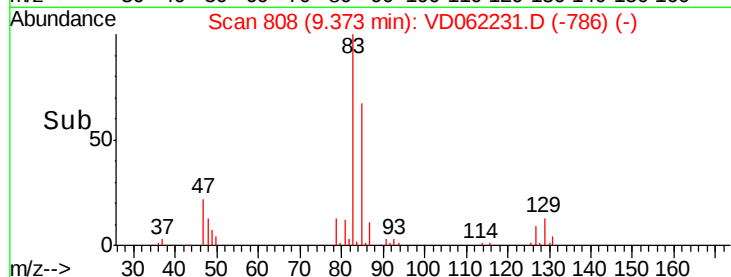
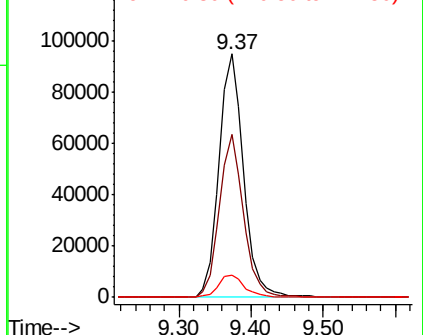
83 100

85 66.9 50.9 76.3

127 9.1 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: 22.032 ug/l

RT: 9.12 min Scan# 782

Delta R.T. 0.02 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

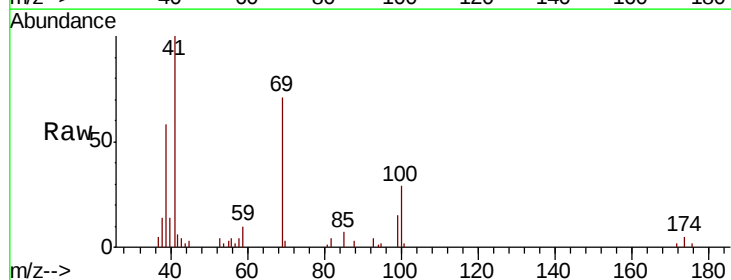
Tgt Ion: 41 Resp: 79605

Ion Ratio Lower Upper

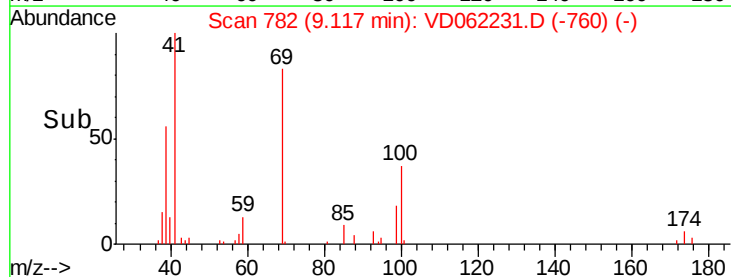
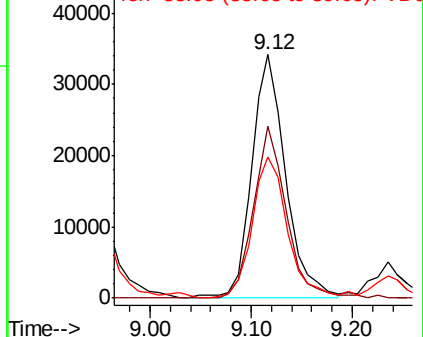
41 100

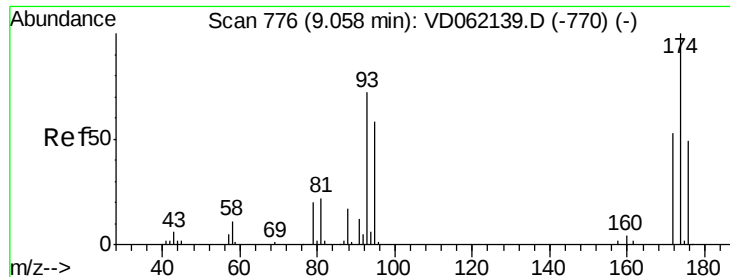
69 70.7 64.2 96.2

39 58.2 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

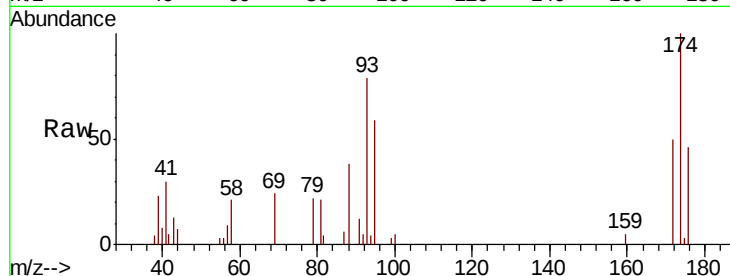




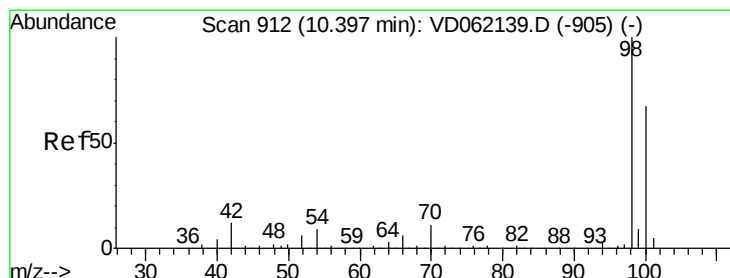
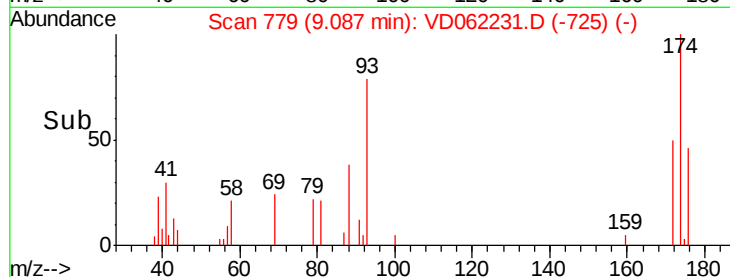
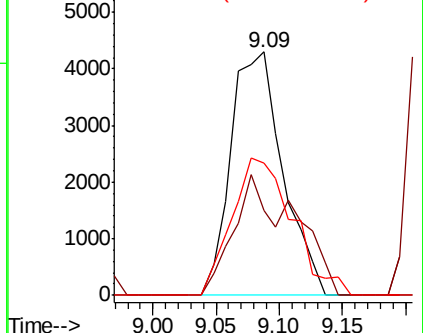
#49  
1,4-Dioxane  
Concen: 314.948 ug/l  
RT: 9.09 min Scan# 779  
Delta R.T. 0.03 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0511SBSD01

Tot Ion: 88 Resp: 12278  
Ion Ratio Lower Upper  
88 100  
43 34.7 23.4 35.0  
58 54.4 44.0 66.0

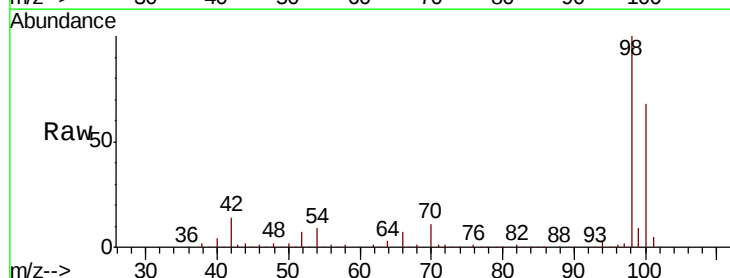


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

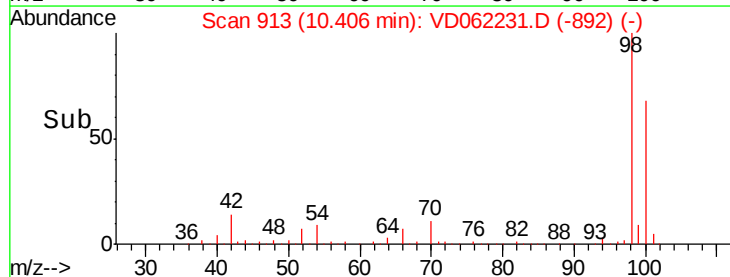
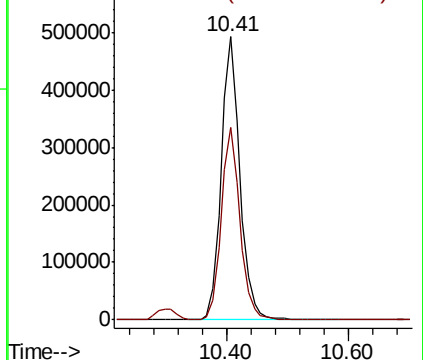


#50  
Toluene-d8  
Concen: 44.062 ug/l  
RT: 10.41 min Scan# 913  
Delta R.T. 0.01 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Tgt Ion: 98 Resp: 1048500  
Ion Ratio Lower Upper  
98 100  
100 68.2 53.8 80.8



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





#51

4-Methyl-2-Pentanone

Concen: 101.688 ug/l

RT: 10.30 min Scan# 902

Delta R.T. 0.02 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

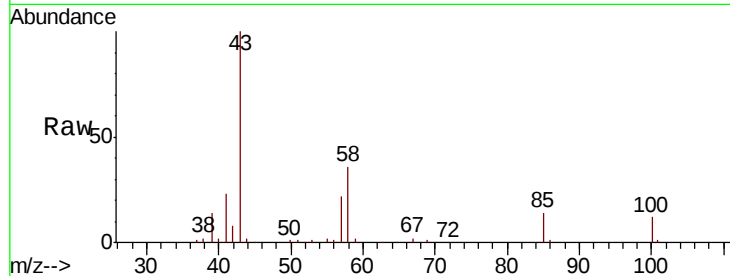
VD0511SBS01

Tot Ion: 43 Resp: 383429

Ion Ratio Lower Upper

43 100

58 35.5 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.30

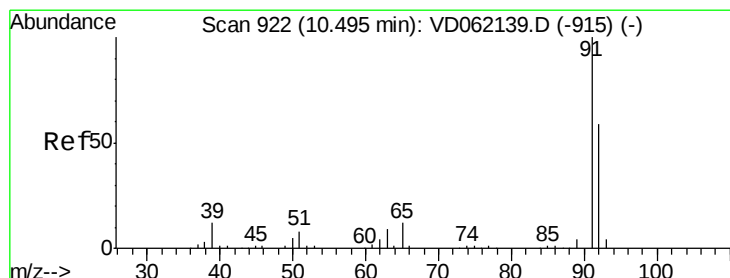
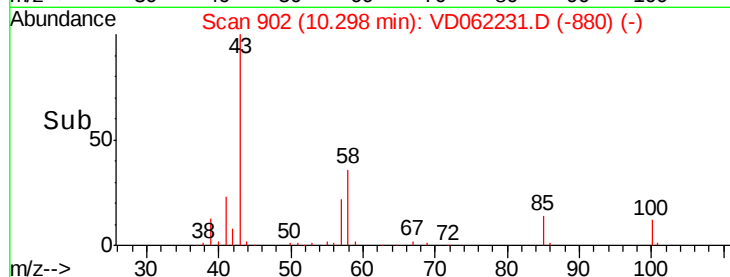
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.063 ug/l

RT: 10.50 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD062231.D

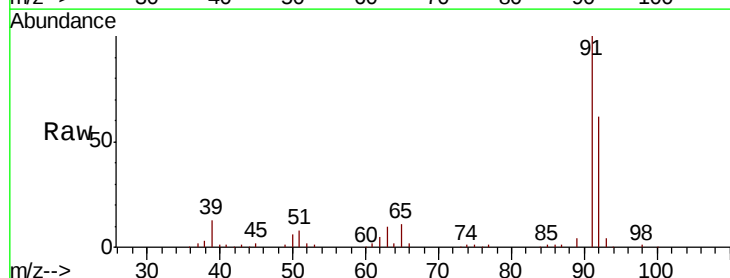
Acq: 11 May 2019 12:23

Tgt Ion: 92 Resp: 287482

Ion Ratio Lower Upper

92 100

91 162.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

250000

200000

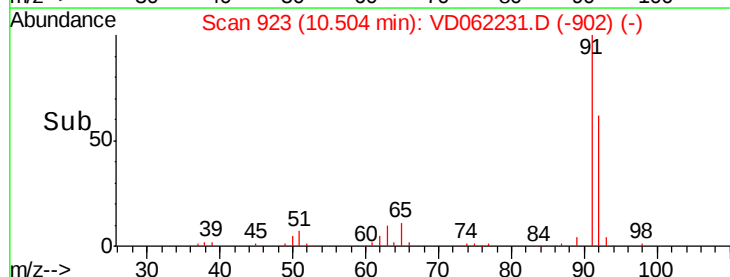
150000

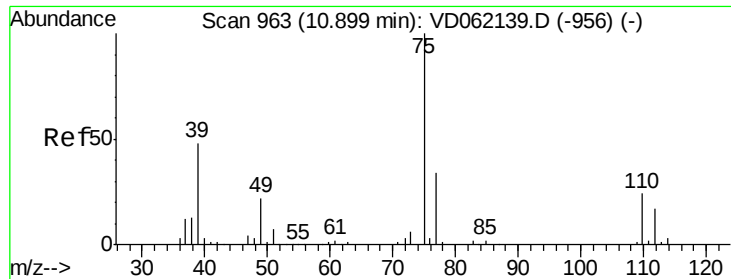
100000

50000

0

Time-->

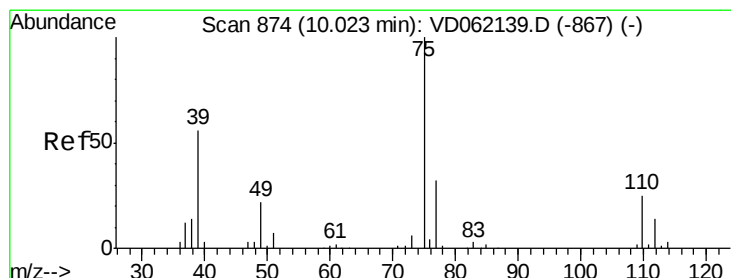
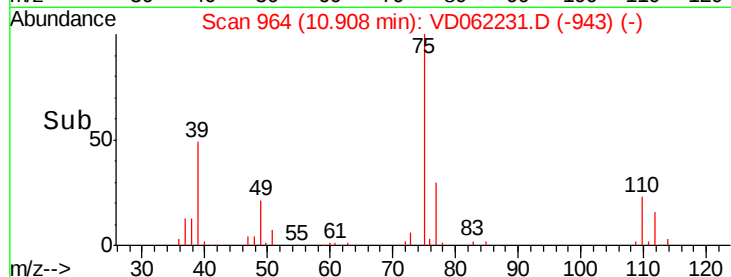
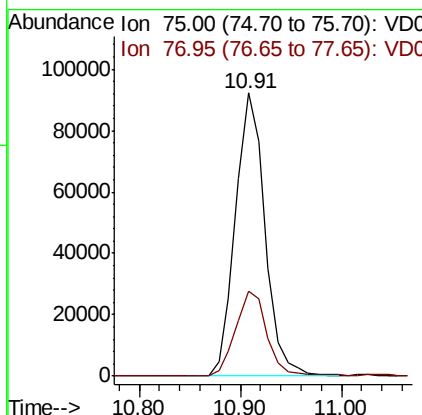
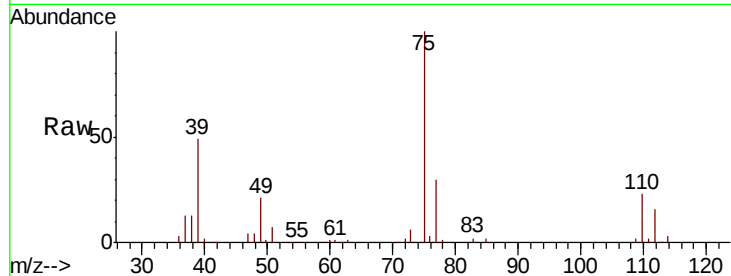




#53  
 t-1,3-Dichloropropene  
 Concen: 20.065 ug/l  
 RT: 10.91 min Scan# 964  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

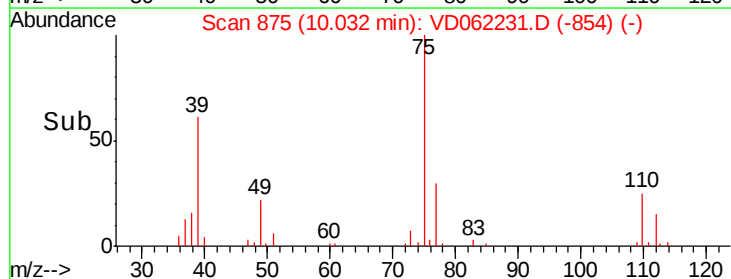
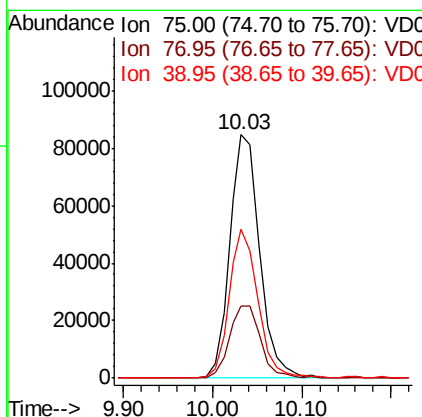
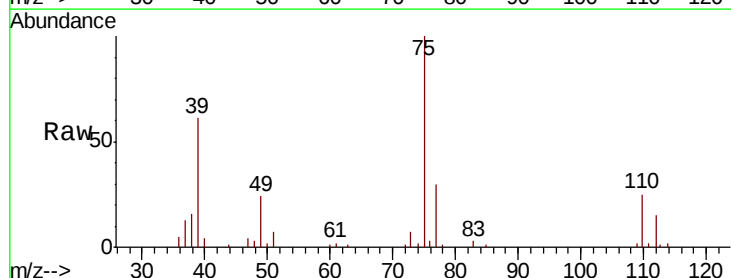
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBSD01

Tot Ion: 75 Resp: 187910  
 Ion Ratio Lower Upper  
 75 100  
 77 30.0 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.447 ug/l  
 RT: 10.03 min Scan# 875  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Tgt Ion: 75 Resp: 198676  
 Ion Ratio Lower Upper  
 75 100  
 77 29.8 25.5 38.3  
 39 61.4 39.4 59.2#

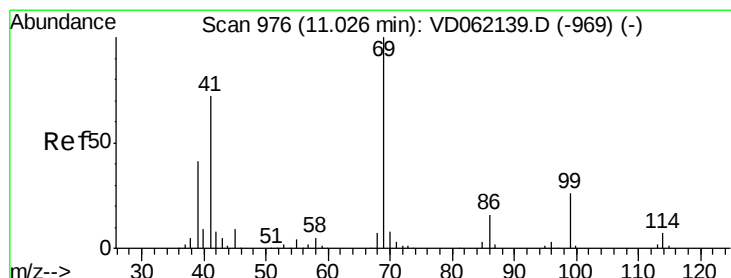
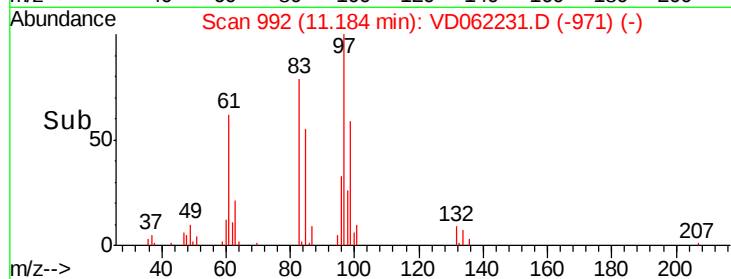
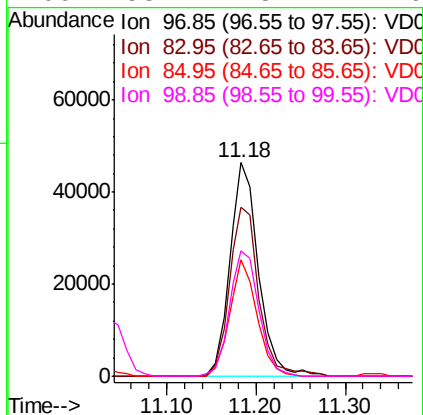
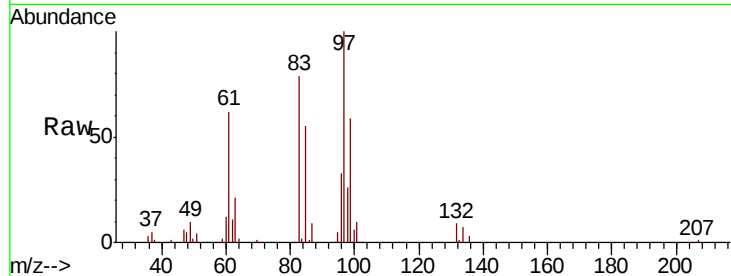




#55  
 1,1,2-Trichloroethane  
 Concen: 20.458 ug/l  
 RT: 11.18 min Scan# 992  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

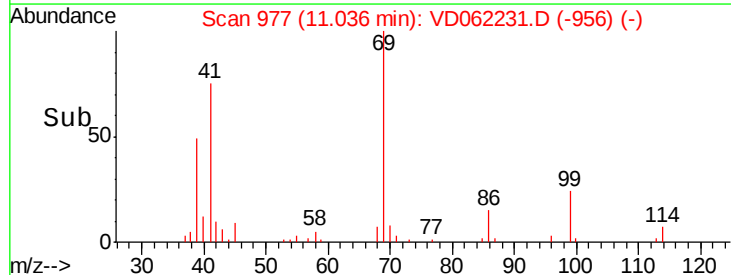
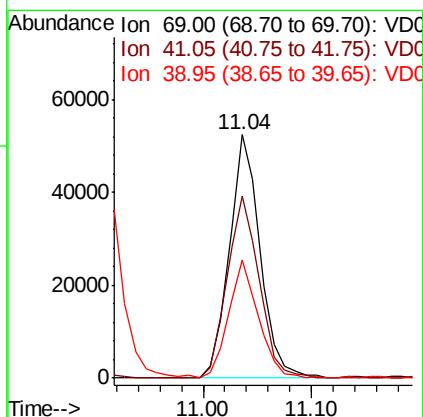
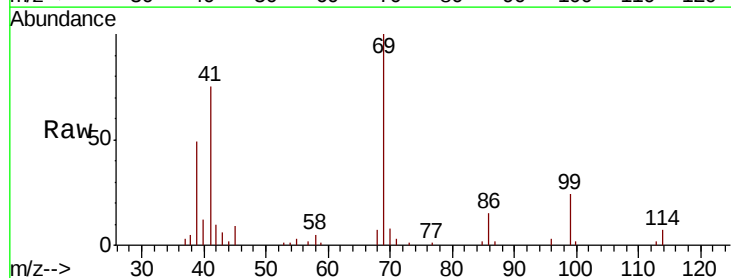
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBSD01

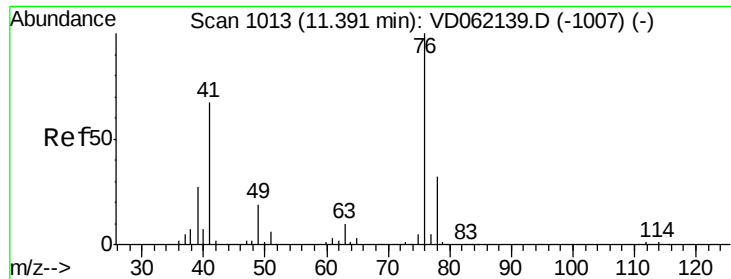
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 103720 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 80.9  | 65.7  | 98.5   |
| 85       | 54.5  | 45.6  | 68.4   |
| 99       | 58.7  | 48.4  | 72.6   |



#56  
 Ethyl methacrylate  
 Concen: 19.626 ug/l  
 RT: 11.04 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 103400 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 74.7  | 56.3  | 84.5   |
| 39       | 48.6  | 29.4  | 44.2#  |





#57

1,3-Dichloropropane

Concen: 19.822 ug/l

RT: 11.40 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

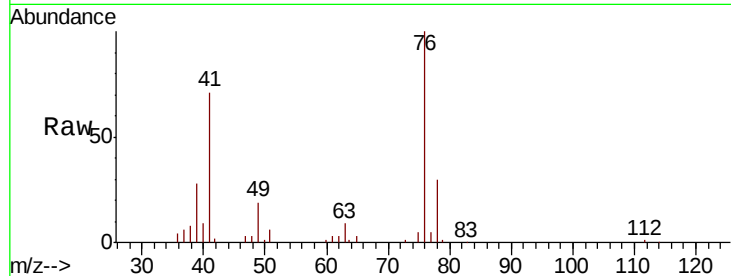
VD0511SBSD01

Tot Ion: 76 Resp: 151827

Ion Ratio Lower Upper

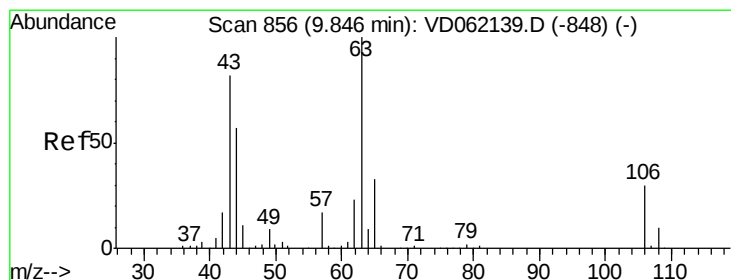
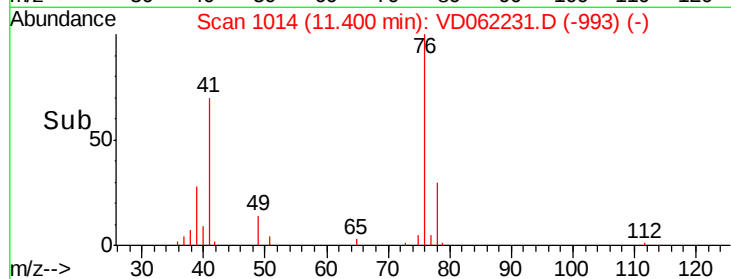
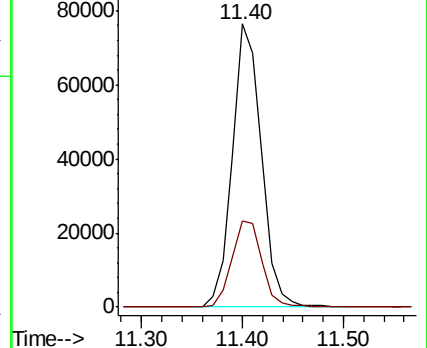
76 100

78 30.3 26.2 39.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 99.834 ug/l

RT: 9.86 min Scan# 857

Delta R.T. 0.01 min

Lab File: VD062231.D

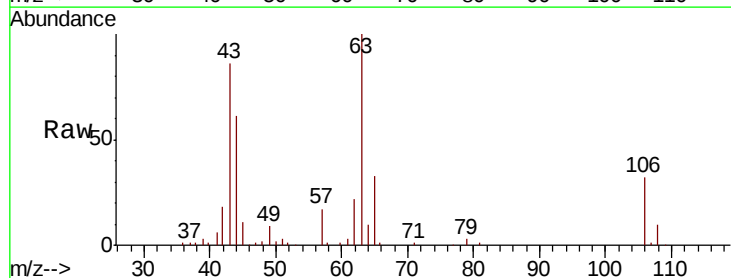
Acq: 11 May 2019 12:23

Tgt Ion: 63 Resp: 287306

Ion Ratio Lower Upper

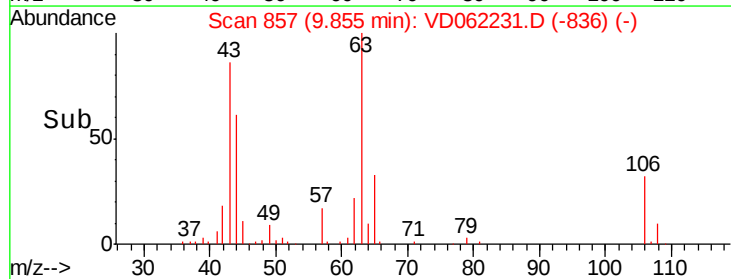
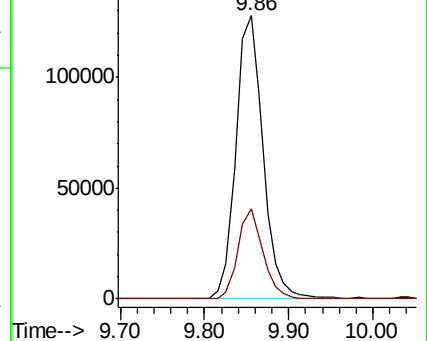
63 100

106 31.7 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

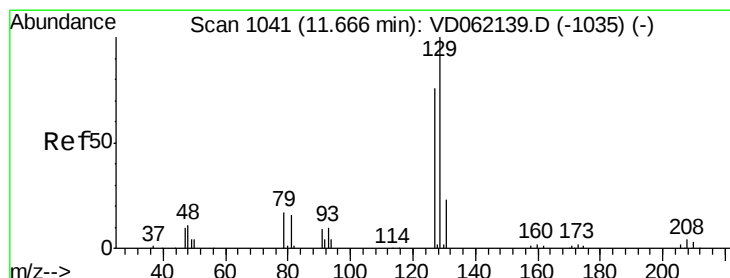
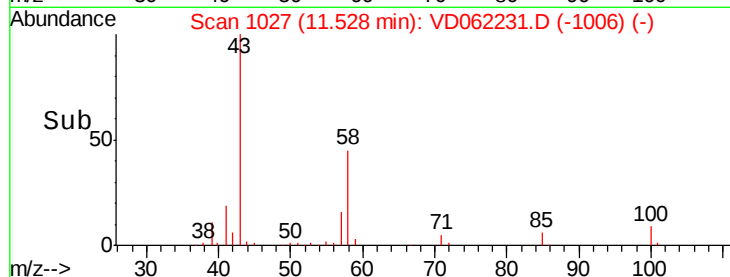
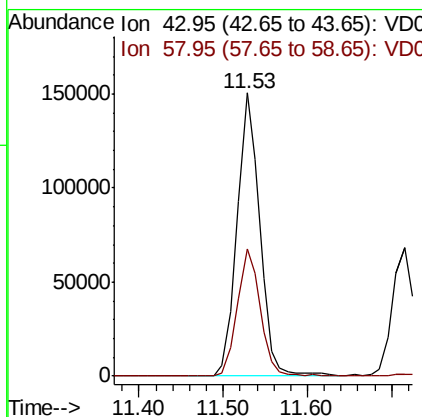
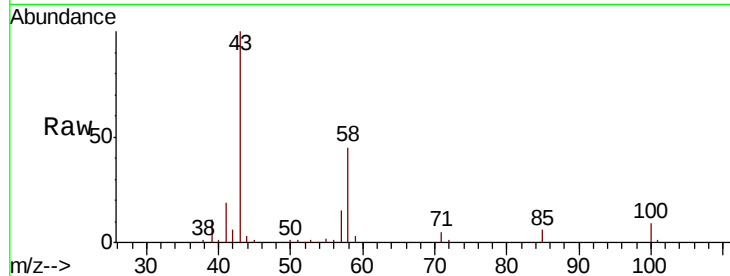




#59  
2-Hexanone  
Concen: 102.044 ug/l  
RT: 11.53 min Scan# 1027  
Delta R.T. 0.01 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

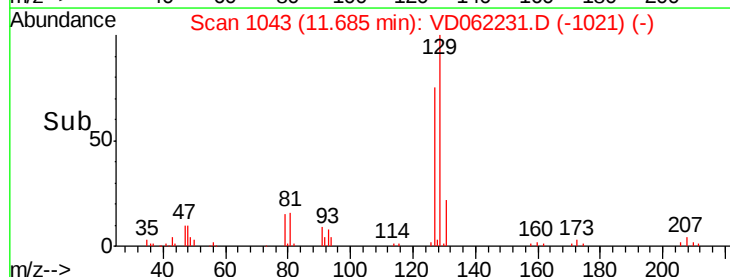
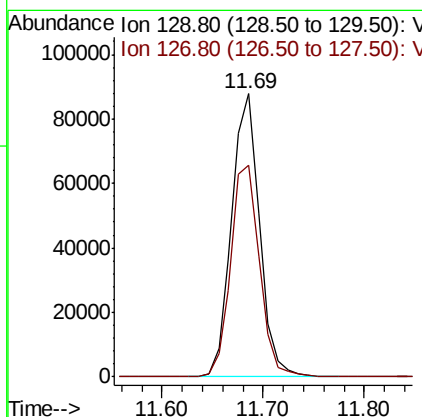
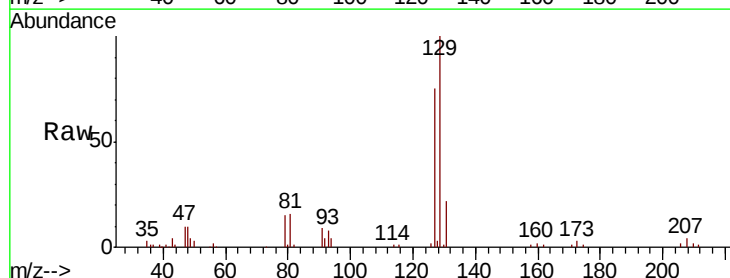
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0511SBSD01

Tot Ion: 43 Resp: 283593  
Ion Ratio Lower Upper  
43 100  
58 45.2 25.4 76.4



#60  
Dibromochloromethane  
Concen: 19.211 ug/l  
RT: 11.69 min Scan# 1043  
Delta R.T. 0.02 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Tgt Ion: 129 Resp: 168330  
Ion Ratio Lower Upper  
129 100  
127 74.8 38.0 113.9

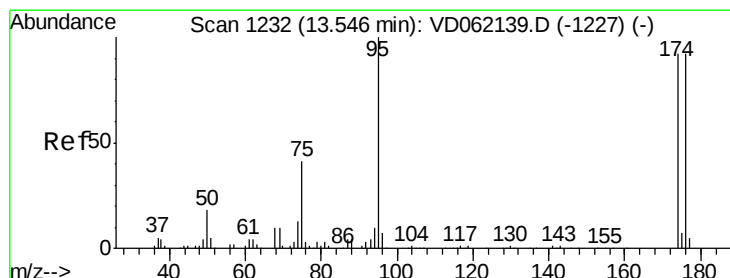
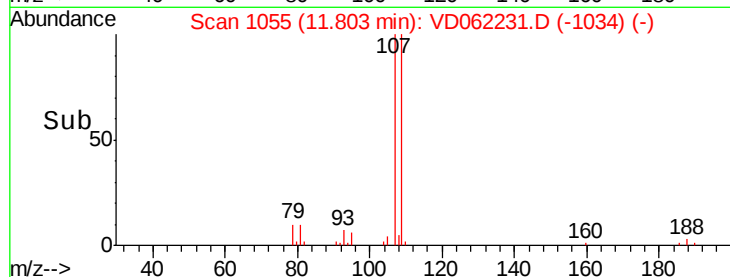
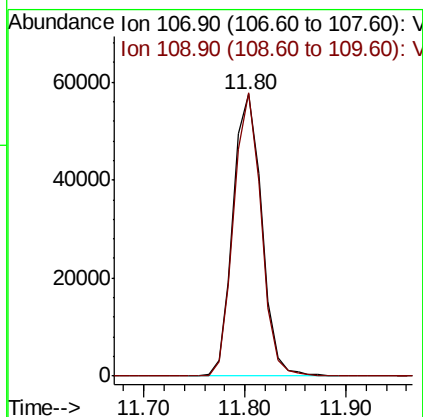
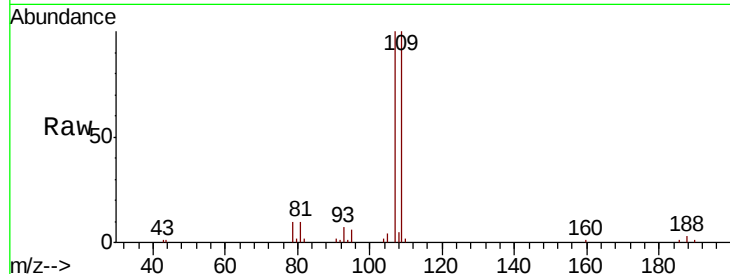




#61  
 1,2-Dibromoethane  
 Concen: 18.466 ug/l  
 RT: 11.80 min Scan# 1055  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

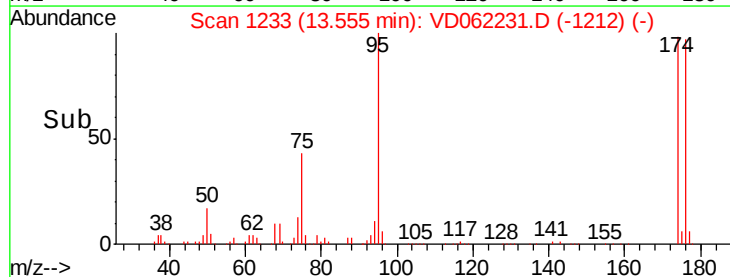
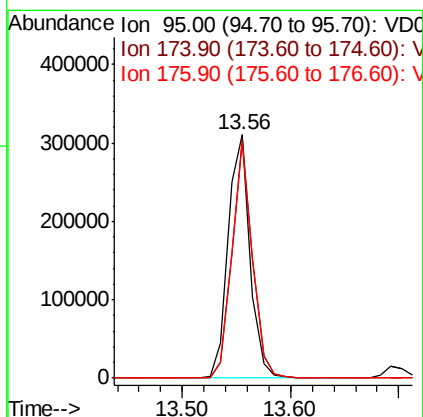
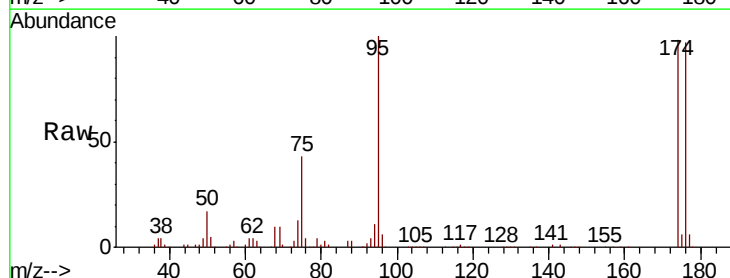
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBSD01

Tot Ion:107 Resp: 113826  
 Ion Ratio Lower Upper  
 107 100  
 109 100.4 78.3 117.5



#62  
 4-Bromofluorobenzene  
 Concen: 45.685 ug/l  
 RT: 13.56 min Scan# 1233  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Tgt Ion: 95 Resp: 436555  
 Ion Ratio Lower Upper  
 95 100  
 174 98.3 0.0 181.8  
 176 96.8 0.0 174.4

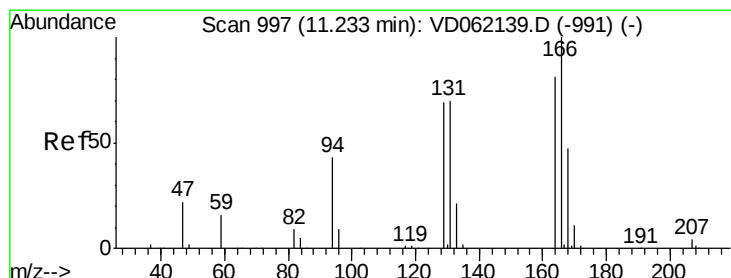
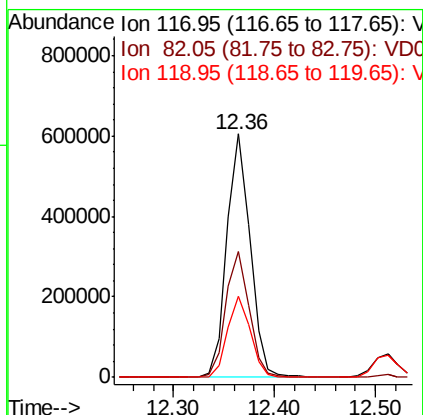
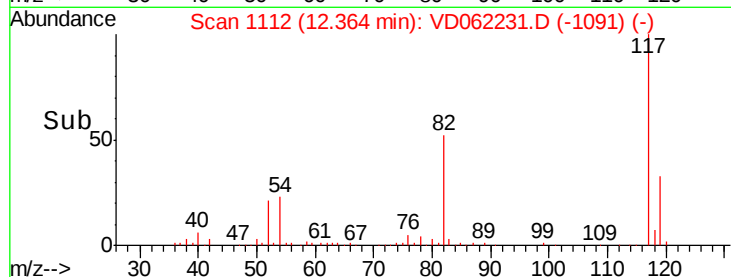
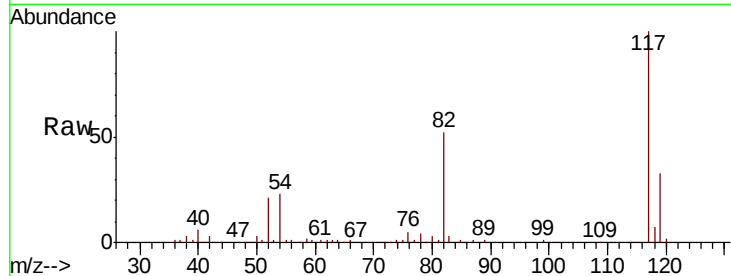




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1112  
Delta R.T. 0.01 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

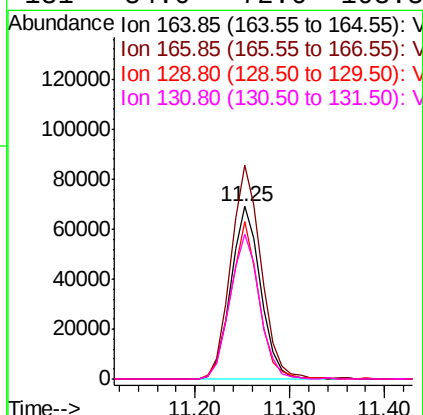
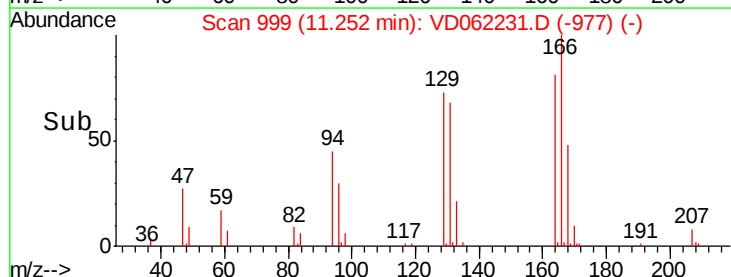
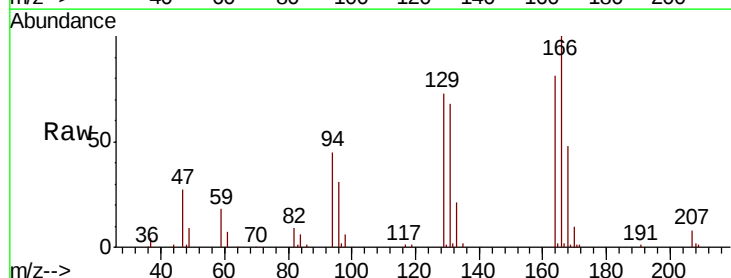
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0511SBSD01

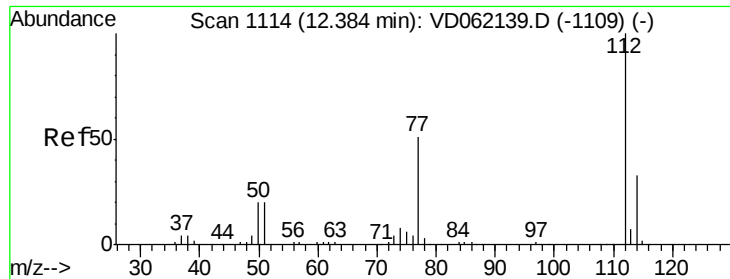
Tot Ion:117 Resp: 972372  
Ion Ratio Lower Upper  
117 100  
82 51.9 36.2 54.2  
119 33.5 26.2 39.4



#64  
Tetrachloroethene  
Concen: 19.629 ug/l  
RT: 11.25 min Scan# 999  
Delta R.T. 0.02 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Tgt Ion:164 Resp: 149249  
Ion Ratio Lower Upper  
164 100  
166 124.0 101.5 152.3  
129 91.0 74.6 112.0  
131 84.0 72.6 108.8





#65

Chlorobenzene

Concen: 18.708 ug/l

RT: 12.39 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

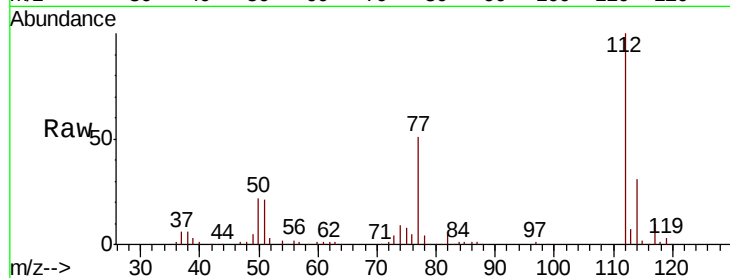
VD0511SBSD01

Tot Ion:112 Resp: 338818

Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V

200000

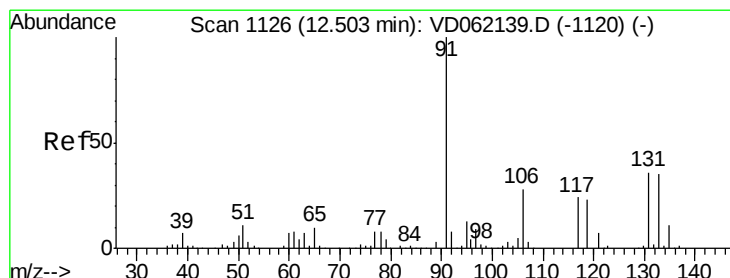
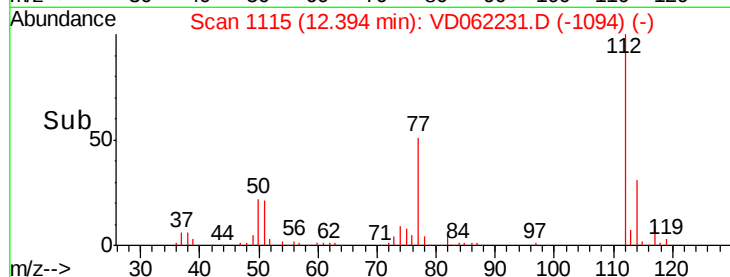
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#66

1,1,1,2-Tetrachloroethane

Concen: 19.779 ug/l

RT: 12.51 min Scan# 1127

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

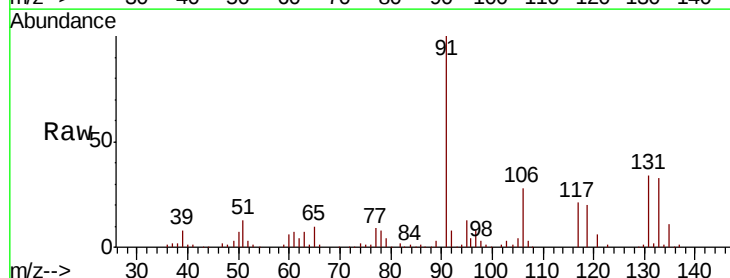
Tgt Ion:131 Resp: 155901

Ion Ratio Lower Upper

131 100

133 97.8 48.6 145.8

119 57.8 34.7 104.1



Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.85 (118.55 to 119.55): V

120000

100000

80000

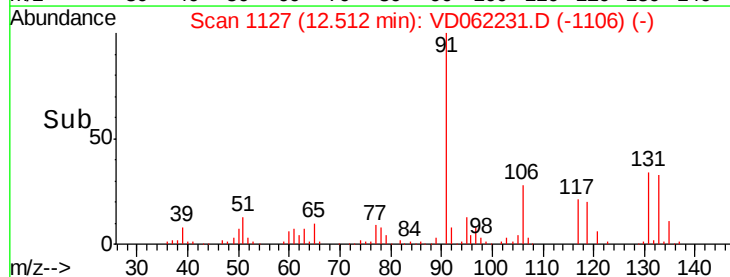
60000

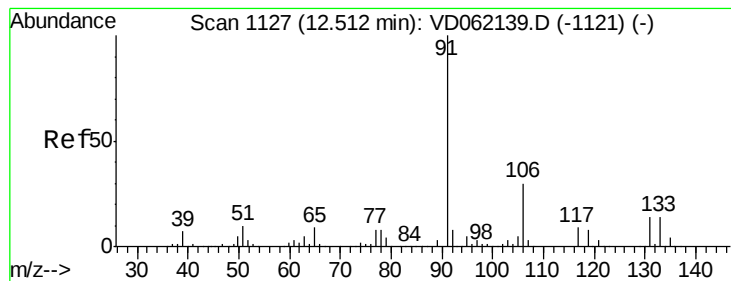
40000

20000

0

Time--> 12.50 12.60





#67

Ethyl Benzene

Concen: 19.951 ug/l

RT: 12.52 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleID :

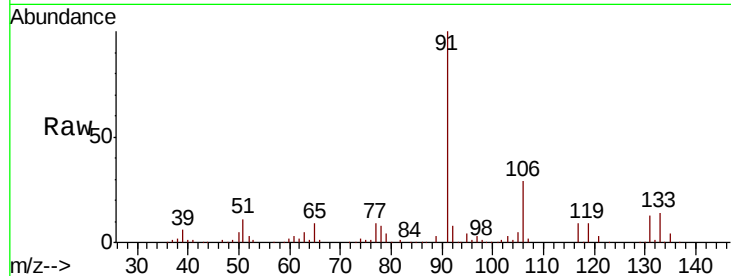
VD0511SBS01

Tot Ion: 91 Resp: 604925

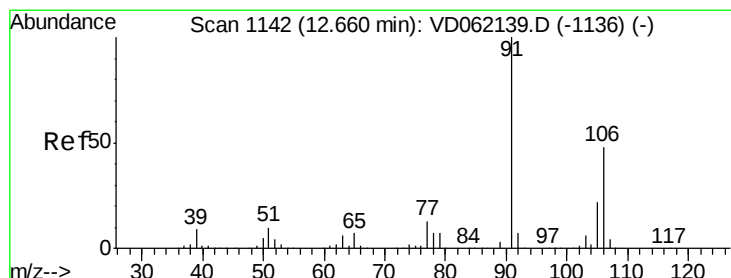
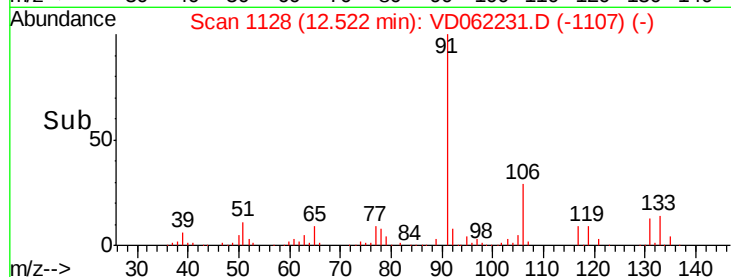
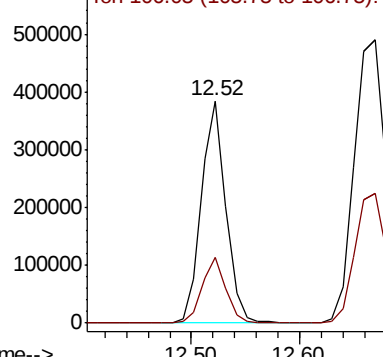
Ion Ratio Lower Upper

91 100

106 29.3 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 40.471 ug/l

RT: 12.67 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VD062231.D

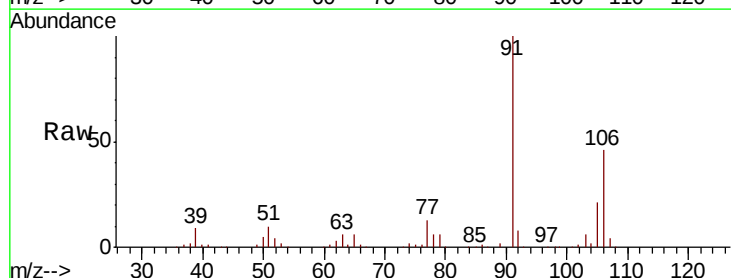
Acq: 11 May 2019 12:23

Tgt Ion: 106 Resp: 446441

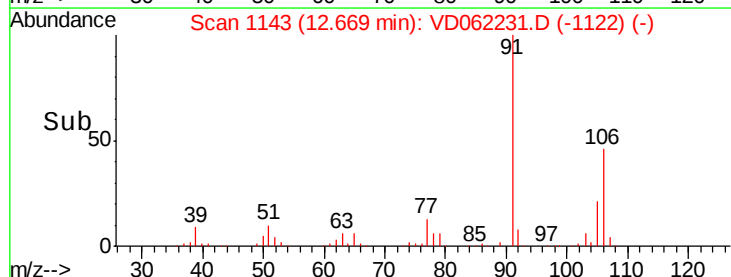
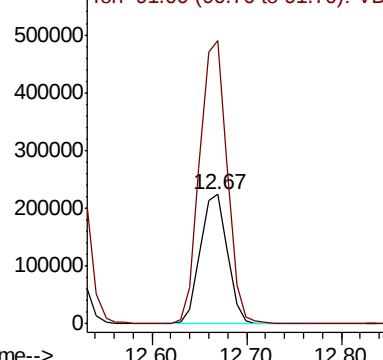
Ion Ratio Lower Upper

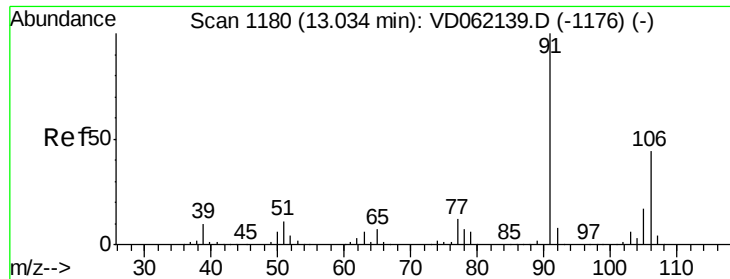
106 100

91 218.3 164.0 246.0



Abundance Ion 106.05 (105.75 to 106.75): V

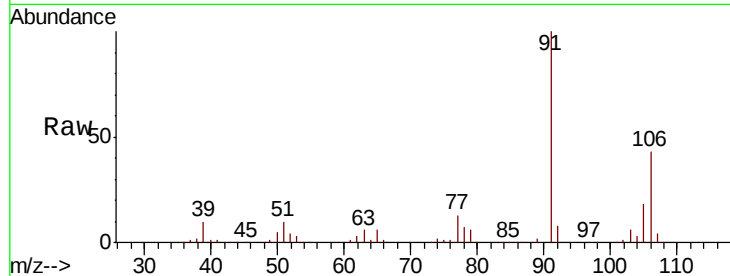




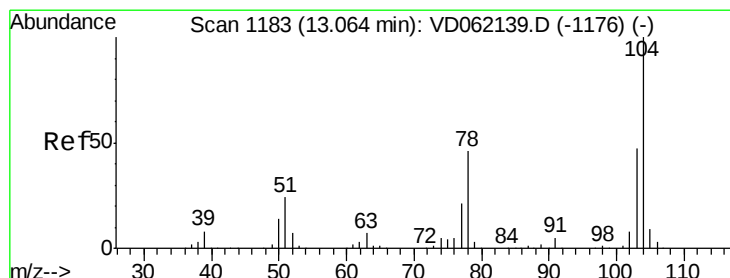
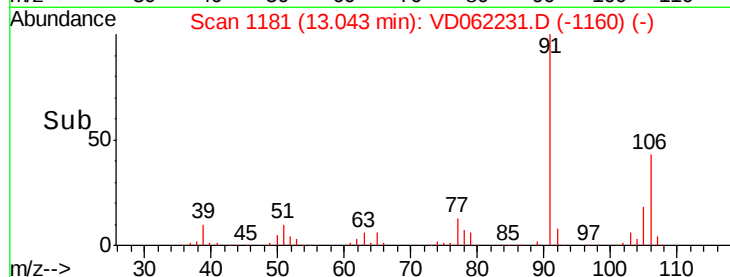
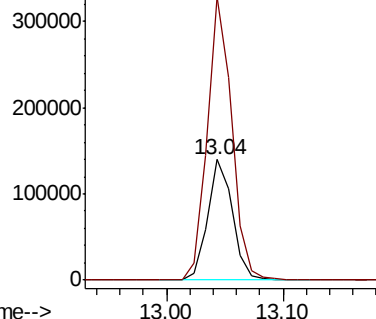
#69  
o-Xylene  
Concen: 20.135 ug/l  
RT: 13.04 min Scan# 1181  
Delta R.T. 0.01 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0511SBSD01

Tot Ion:106 Resp: 206498  
Ion Ratio Lower Upper  
106 100  
91 234.8 106.7 319.9

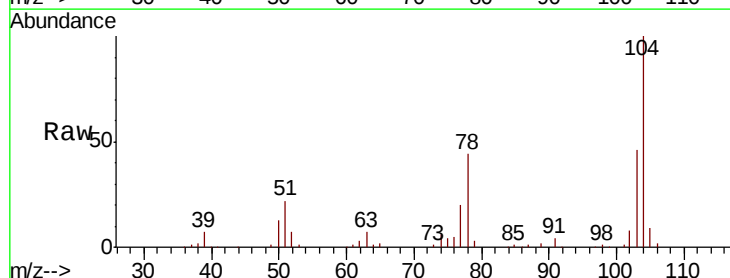


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

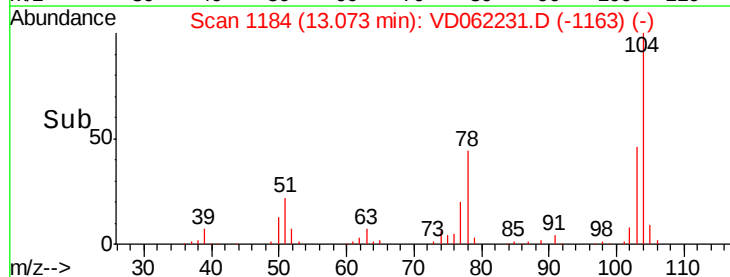
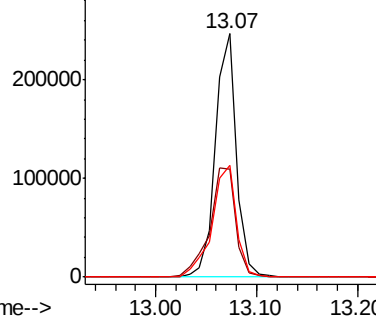


#70  
Styrene  
Concen: 20.557 ug/l  
RT: 13.07 min Scan# 1184  
Delta R.T. 0.01 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Tgt Ion:104 Resp: 357134  
Ion Ratio Lower Upper  
104 100  
78 44.4 35.4 53.2  
103 45.8 37.5 56.3



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





#71

Bromoform

Concen: 19.951 ug/l

RT: 13.23 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

VD0511SBSD01

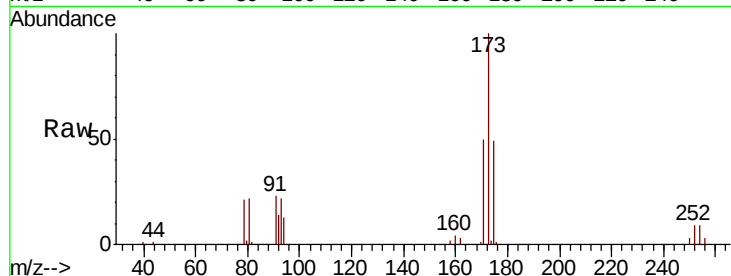
Tot Ion:173 Resp: 109410

Ion Ratio Lower Upper

173 100

175 49.2 24.4 73.4

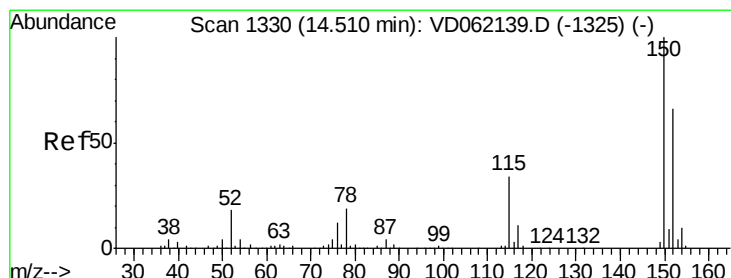
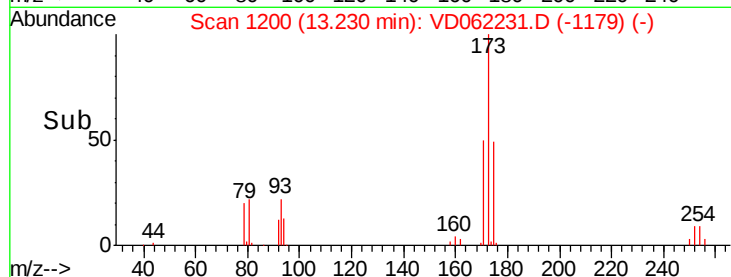
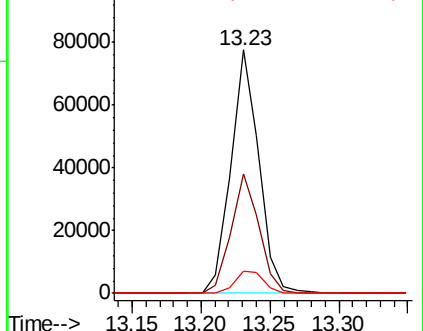
254 9.0 5.4 8.2#



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: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

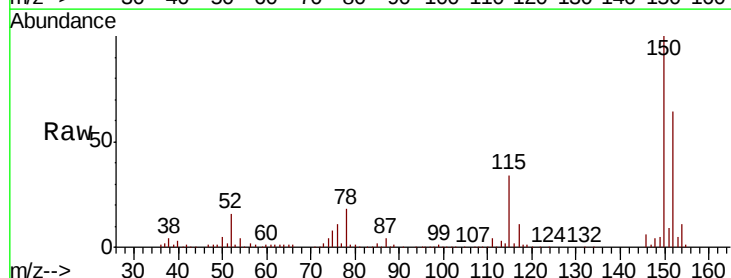
Tgt Ion:152 Resp: 503347

Ion Ratio Lower Upper

152 100

115 52.5 30.9 92.7

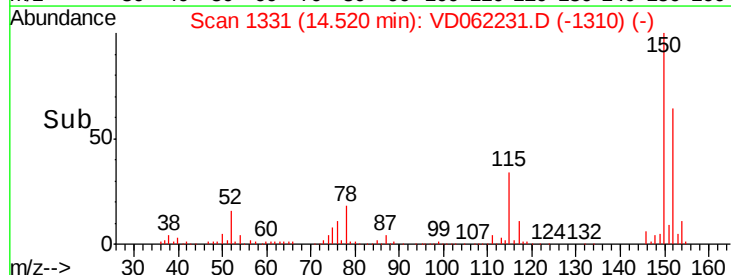
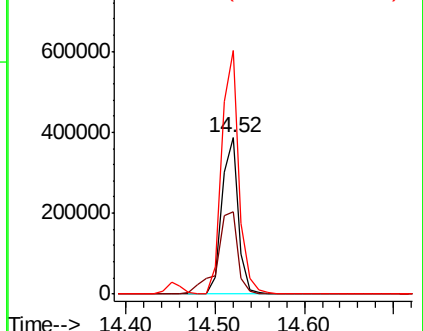
150 156.0 0.0 314.8

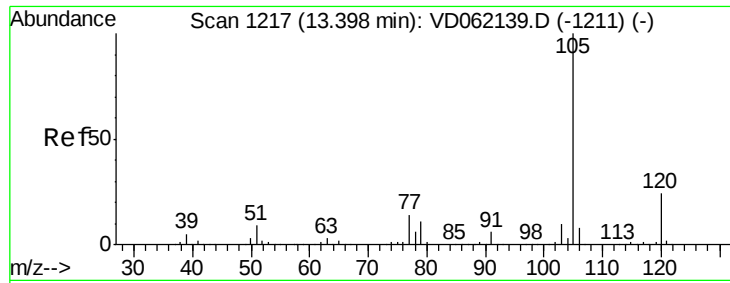


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.355 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

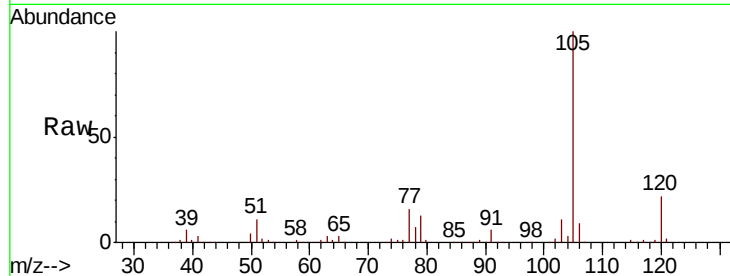
VD0511SBSD01

Tot Ion:105 Resp: 614166

Ion Ratio Lower Upper

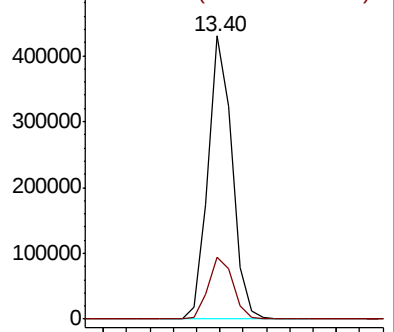
105 100

120 21.9 12.0 36.1

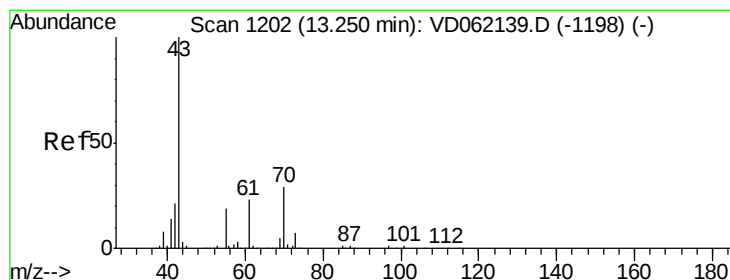
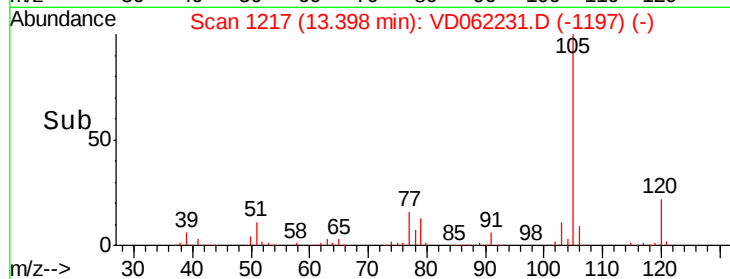


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 18.970 ug/l

RT: 13.26 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Tgt Ion: 43 Resp: 150062

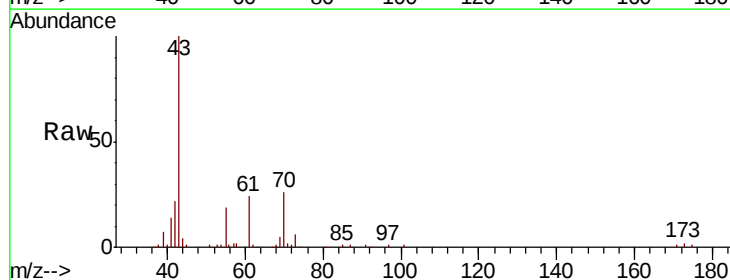
Ion Ratio Lower Upper

43 100

70 26.2 24.2 36.4

55 19.3 16.0 24.0

61 23.7 21.6 32.4

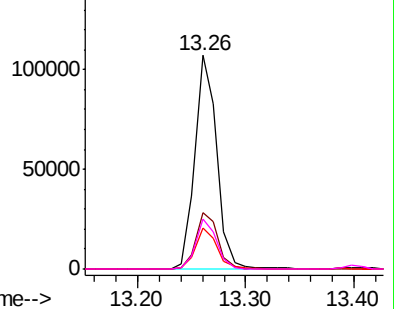


Abundance Ion 42.95 (42.65 to 43.65): V

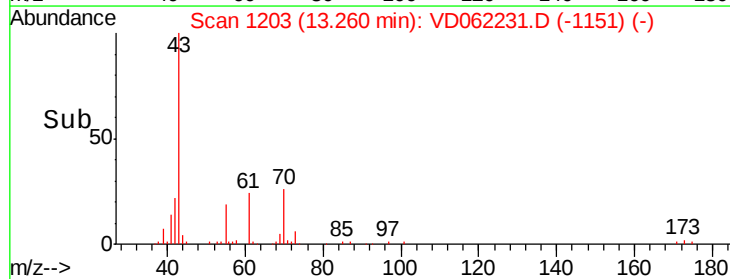
Ion 70.00 (69.70 to 70.70): V

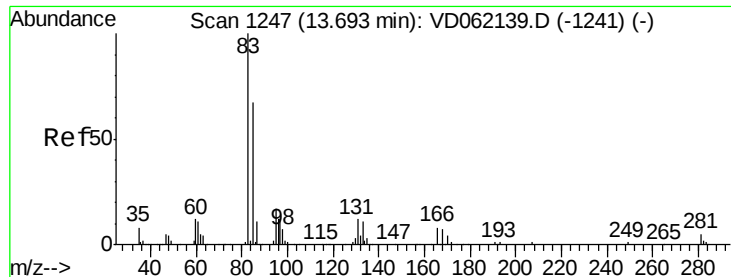
Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V



Time--> 13.20 13.30 13.40





#75

1,1,2,2-Tetrachloroethane

Concen: 20.237 ug/l

RT: 13.69 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

VD0511SBS01

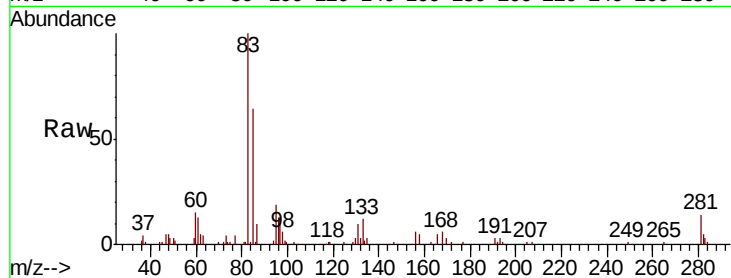
Tot Ion: 83 Resp: 115594

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

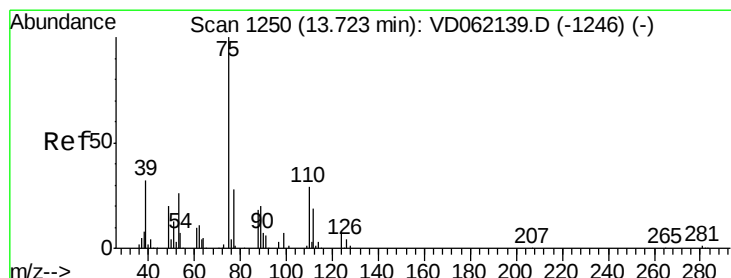
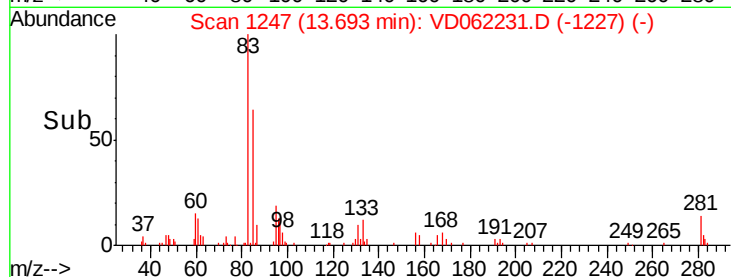
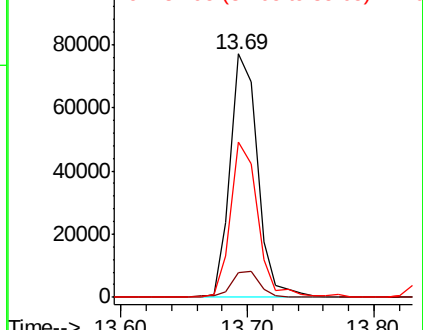
85 63.8 32.6 97.7



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: 20.385 ug/l

RT: 13.73 min Scan# 1251

Delta R.T. 0.01 min

Lab File: VD062231.D

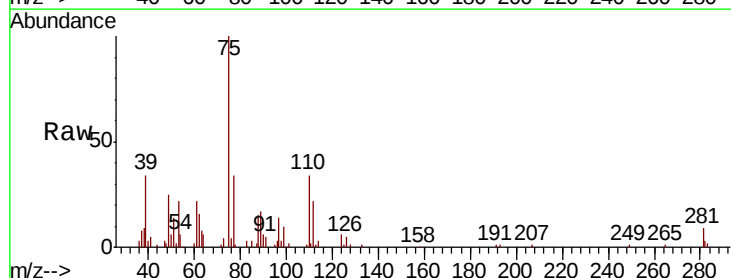
Acq: 11 May 2019 12:23

Tgt Ion: 75 Resp: 121940

Ion Ratio Lower Upper

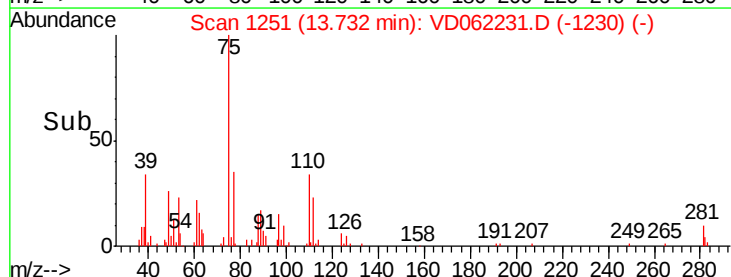
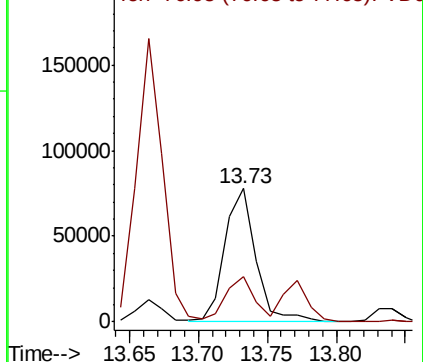
75 100

77 34.1 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: 21.250 ug/l

RT: 13.66 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

VD0511SBSD01

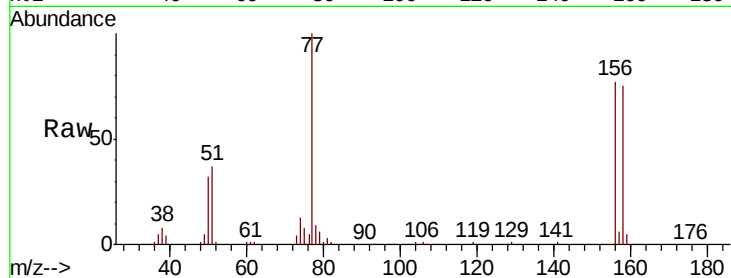
Tot Ion:156 Resp: 179485

Ion Ratio Lower Upper

156 100

77 129.2 53.1 159.4

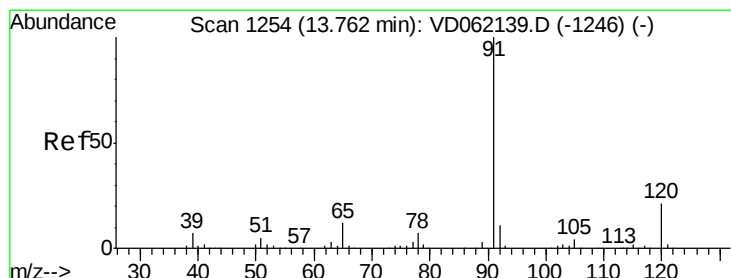
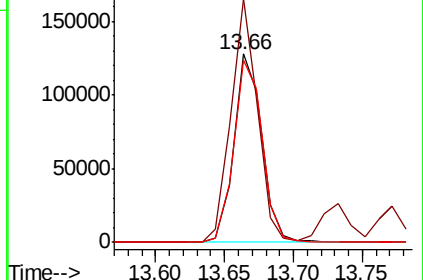
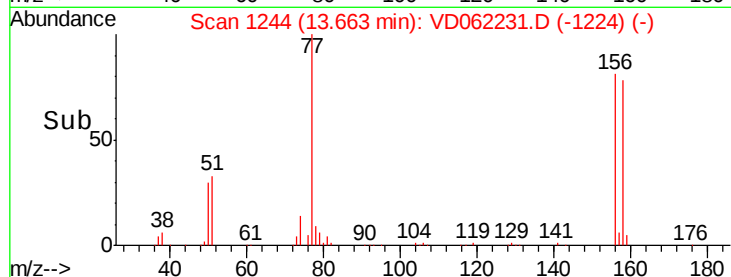
158 96.6 49.4 148.0



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: 21.927 ug/l

RT: 13.77 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD062231.D

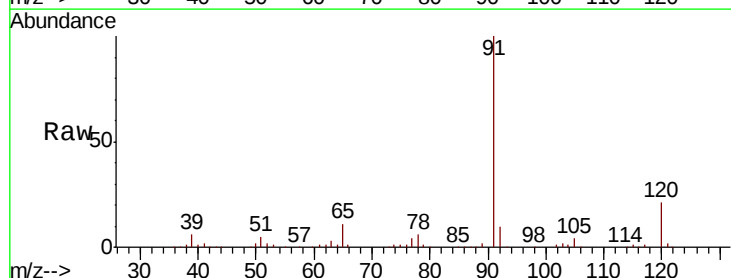
Acq: 11 May 2019 12:23

Tgt Ion: 91 Resp: 789188

Ion Ratio Lower Upper

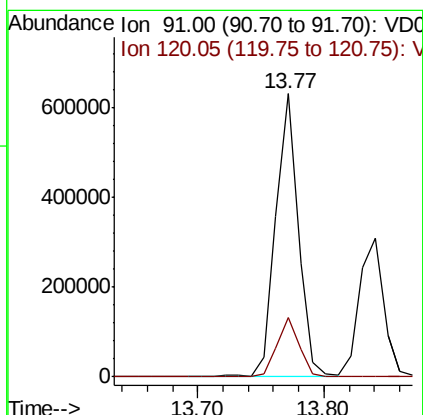
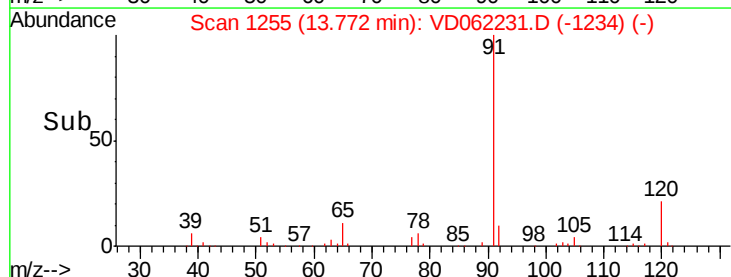
91 100

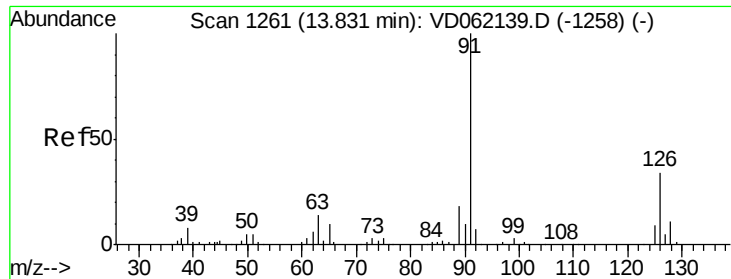
120 21.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

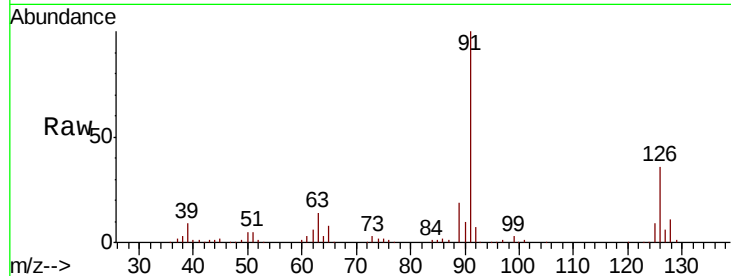




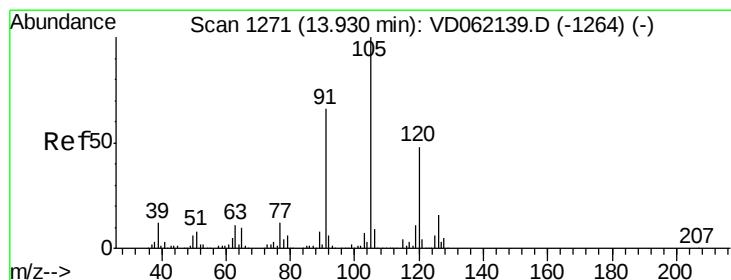
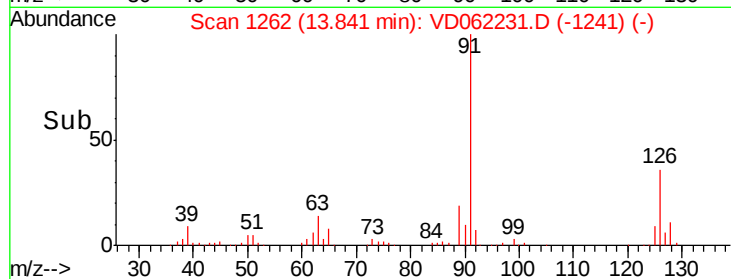
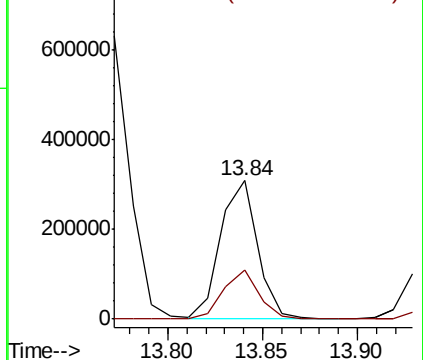
#79  
 2-Chlorotoluene  
 Concen: 20.163 ug/l  
 RT: 13.84 min Scan# 1262  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBSD01

Tot Ion: 91 Resp: 415632  
 Ion Ratio Lower Upper  
 91 100  
 126 35.6 18.6 55.8

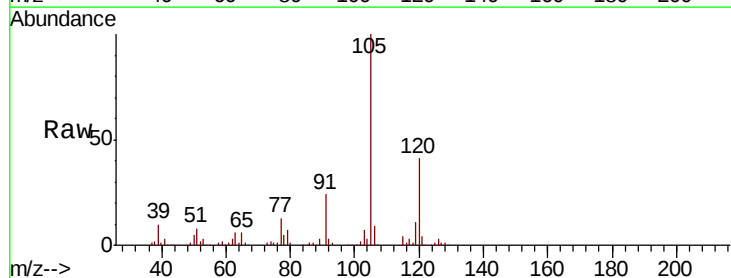


Abundance Ion 91.00 (90.70 to 91.70): V  
 Ion 125.95 (125.65 to 126.65): V

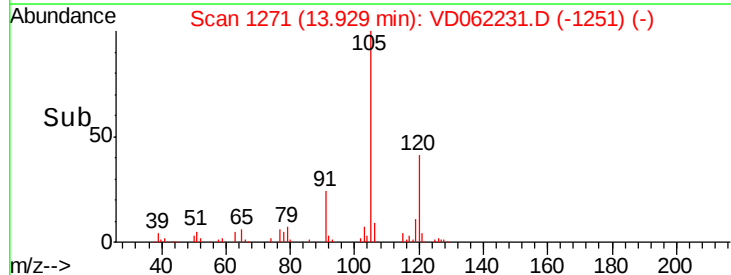
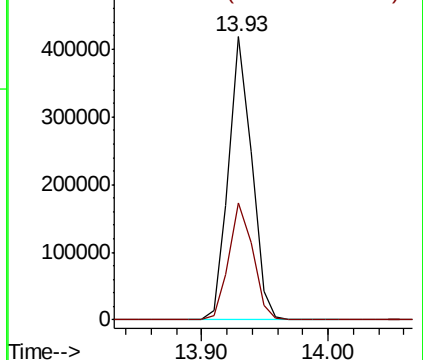


#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.886 ug/l  
 RT: 13.93 min Scan# 1271  
 Delta R.T. -0.00 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Tgt Ion: 105 Resp: 530669  
 Ion Ratio Lower Upper  
 105 100  
 120 41.2 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): V  
 Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.625 ug/l

RT: 13.47 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

VD0511SBSD01

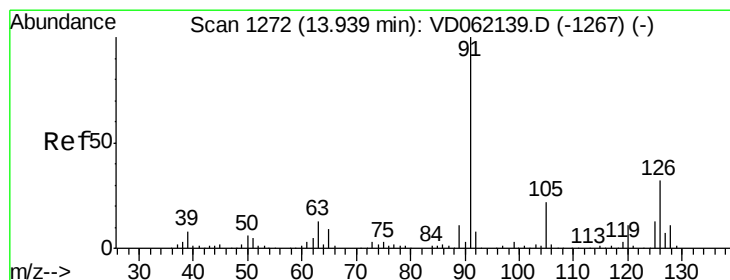
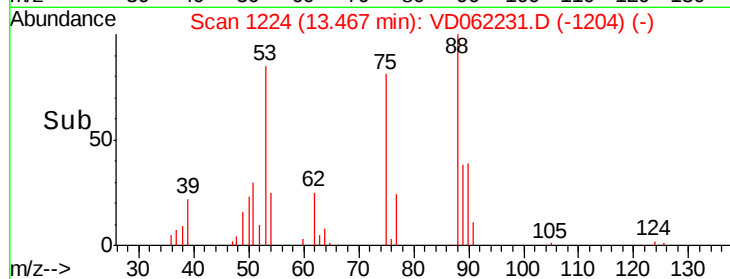
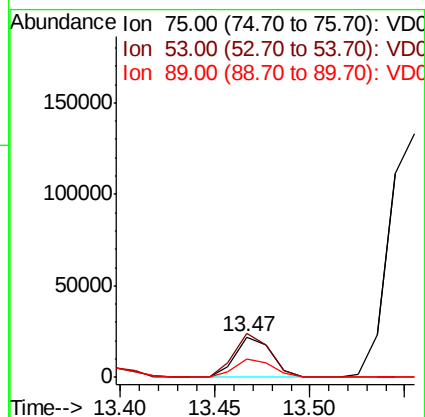
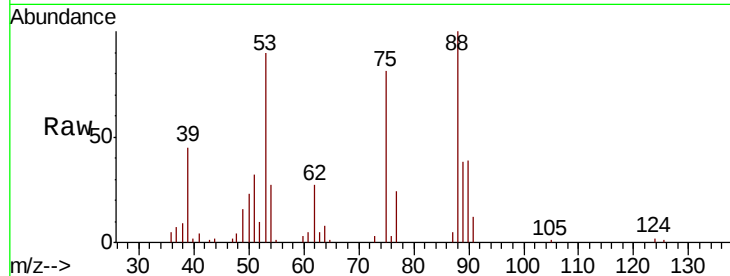
Tot Ion: 75 Resp: 29764

Ion Ratio Lower Upper

75 100

53 110.3 65.8 98.8#

89 46.3 35.0 52.6



#82

4-Chlorotoluene

Concen: 21.434 ug/l

RT: 13.95 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VD062231.D

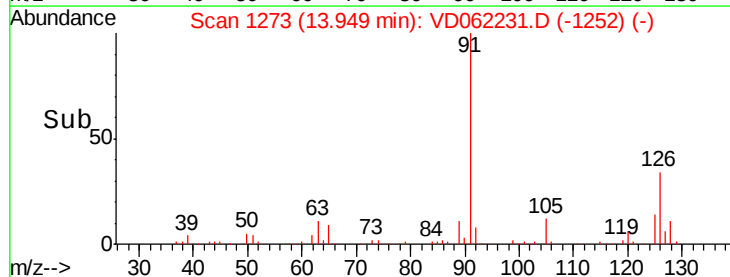
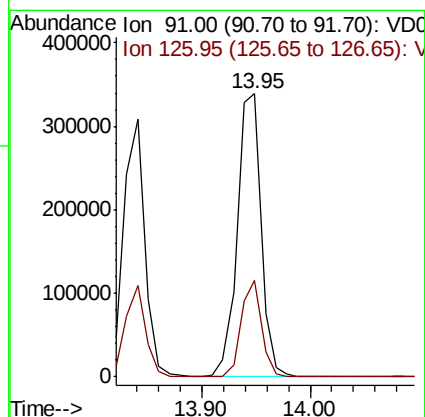
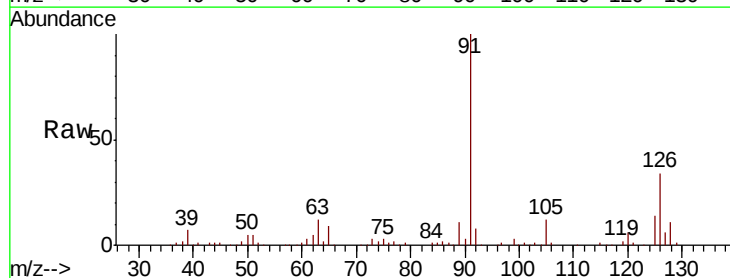
Acq: 11 May 2019 12:23

Tgt Ion: 91 Resp: 519926

Ion Ratio Lower Upper

91 100

126 34.0 19.1 57.5

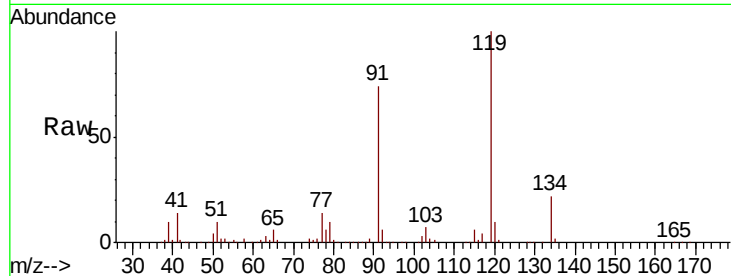




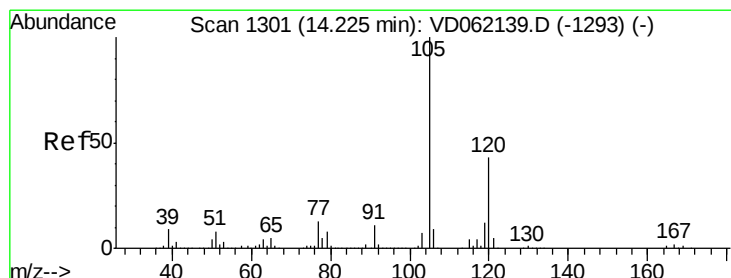
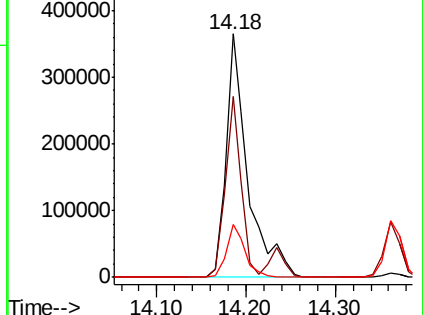
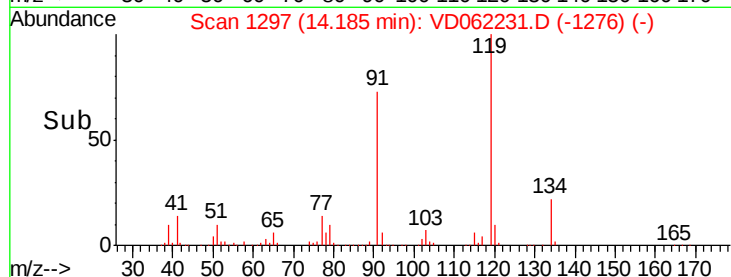
#83  
 tert-Butylbenzene  
 Concen: 21.921 ug/l  
 RT: 14.18 min Scan# 1297  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBS01

Tot Ion:119 Resp: 626016  
 Ion Ratio Lower Upper  
 119 100  
 91 74.2 34.2 102.6  
 134 21.7 12.0 36.0

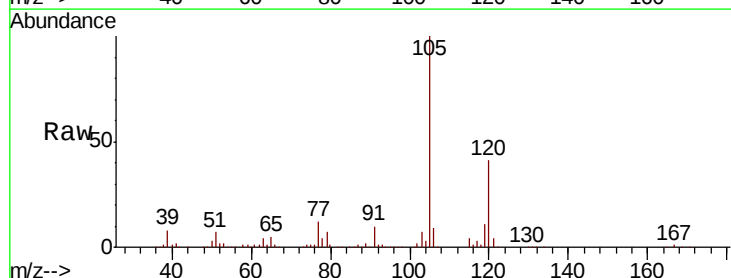


Abundance Ion 119.05 (118.75 to 119.75): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

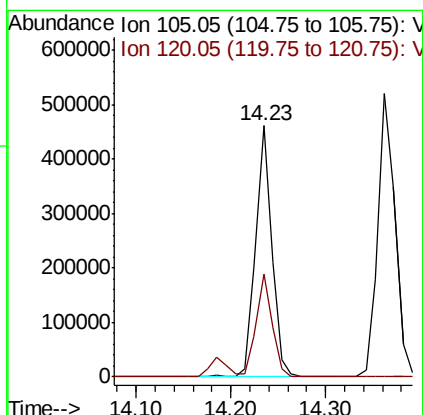
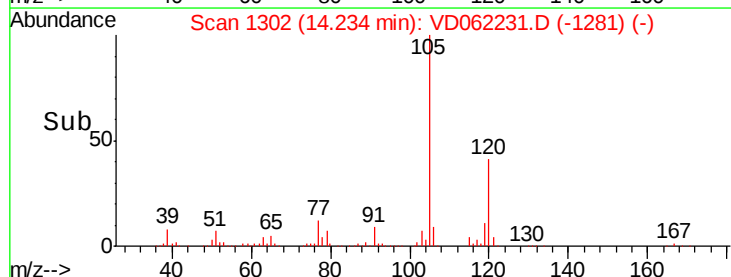


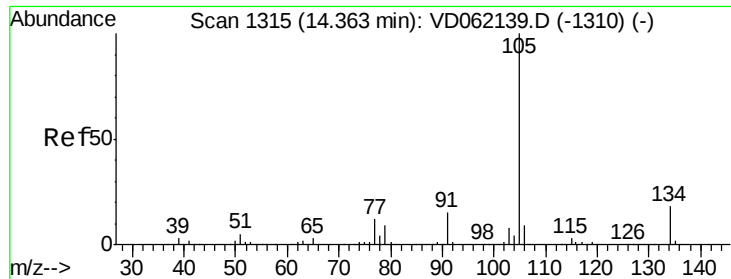
#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.592 ug/l  
 RT: 14.23 min Scan# 1302  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Tgt Ion:105 Resp: 550513  
 Ion Ratio Lower Upper  
 105 100  
 120 41.2 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V  
 Ion 120.05 (119.75 to 120.75): V

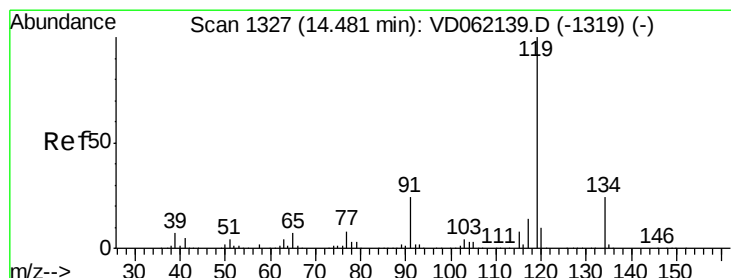
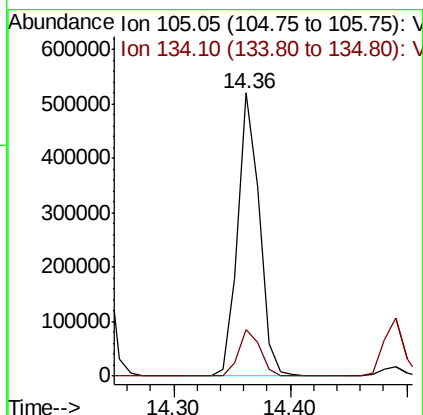
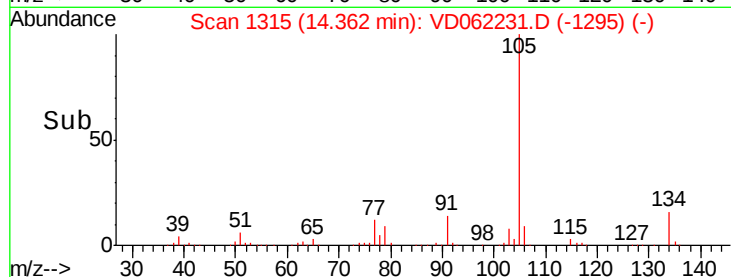
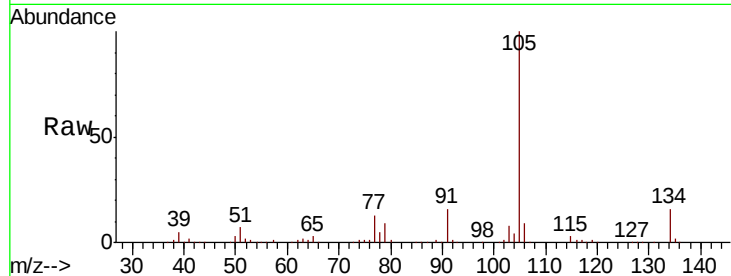




#85  
 sec-Butylbenzene  
 Concen: 21.361 ug/l  
 RT: 14.36 min Scan# 1315  
 Delta R.T. -0.00 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

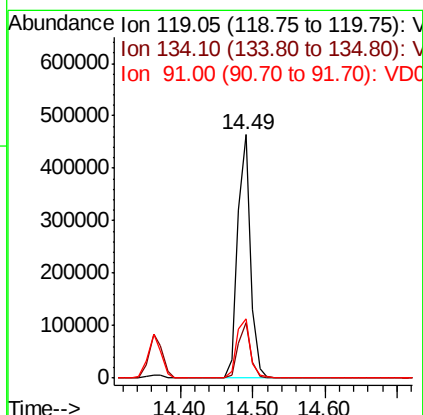
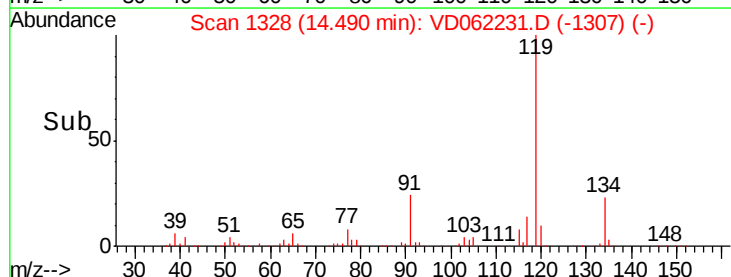
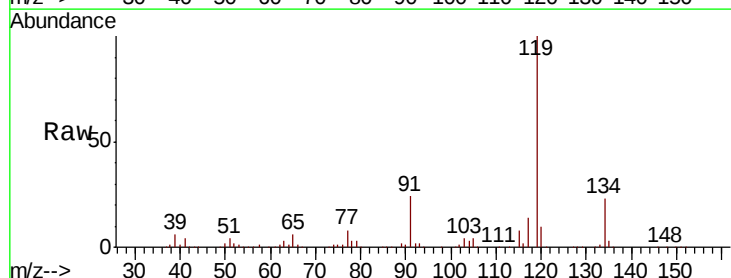
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBS01

Tot Ion:105 Resp: 668843  
 Ion Ratio Lower Upper  
 105 100  
 134 16.3 8.9 26.7



#86  
 p-Isopropyltoluene  
 Concen: 20.724 ug/l  
 RT: 14.49 min Scan# 1328  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Tgt Ion:119 Resp: 579736  
 Ion Ratio Lower Upper  
 119 100  
 134 22.9 12.8 38.3  
 91 24.4 10.7 32.1

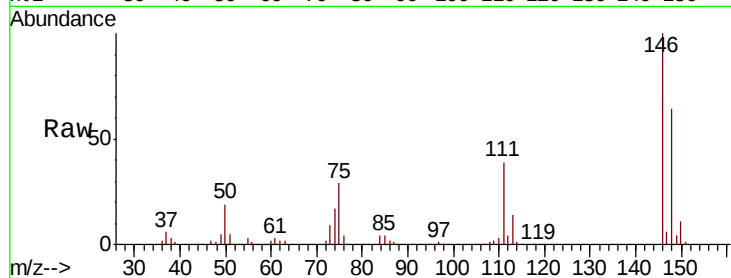




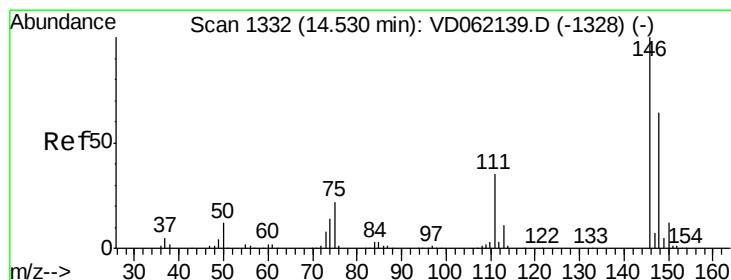
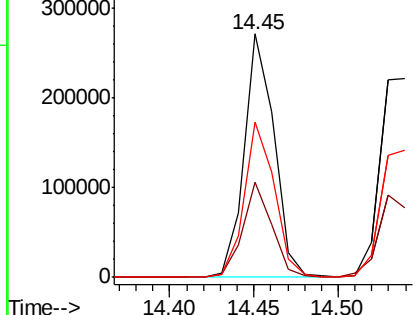
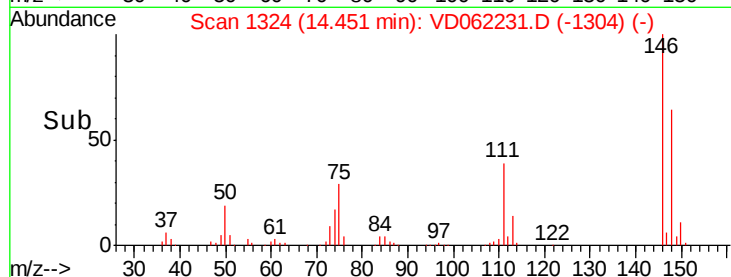
#87  
 1,3-Dichlorobenzene  
 Concen: 21.660 ug/l  
 RT: 14.45 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 20.0  | 60.0  |
| 148     | 63.5  | 31.8  | 95.4  |

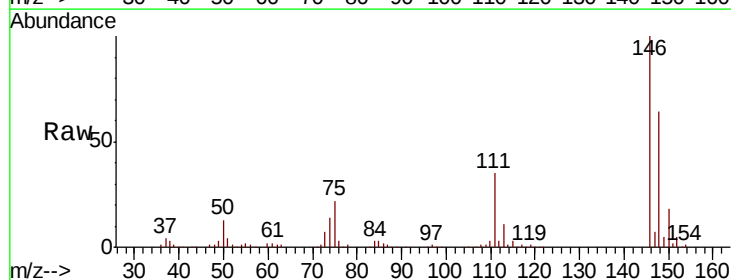


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

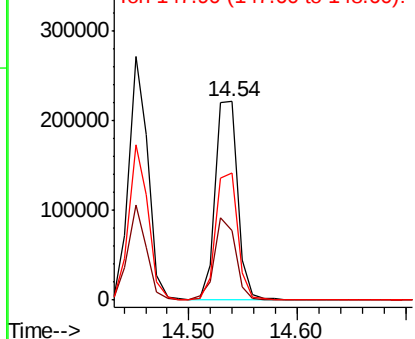
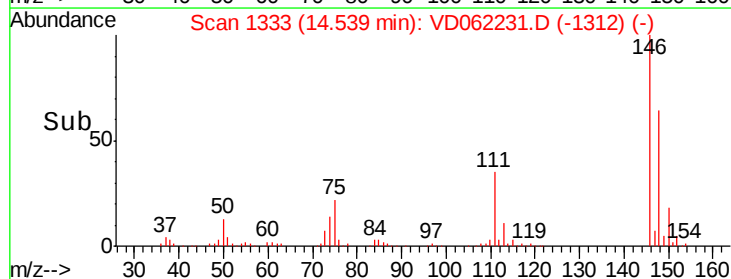


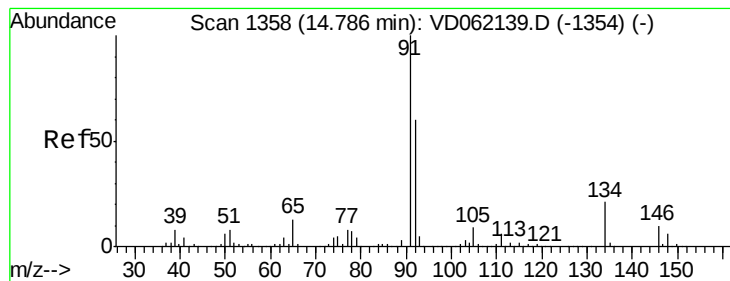
#88  
 1,4-Dichlorobenzene  
 Concen: 20.997 ug/l  
 RT: 14.54 min Scan# 1333  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 34.8  | 20.2  | 60.5  |
| 148     | 64.4  | 32.0  | 96.2  |



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





#89

n-Butylbenzene

Concen: 22.314 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.01 min

Lab File: VD062231.D

Acq: 11 May 2019 12:23

Instrument :

MSVOA\_D

ClientSampleId :

VD0511SBS01

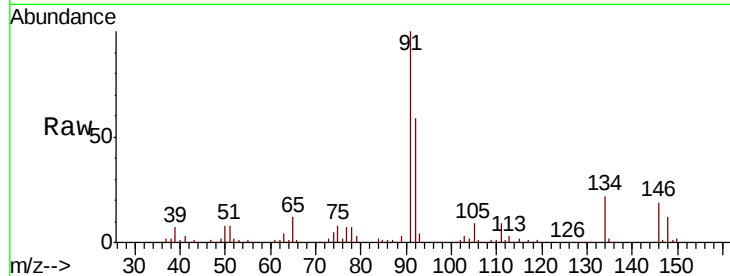
Tot Ion: 91 Resp: 560292

Ion Ratio Lower Upper

91 100

92 58.9 30.3 91.0

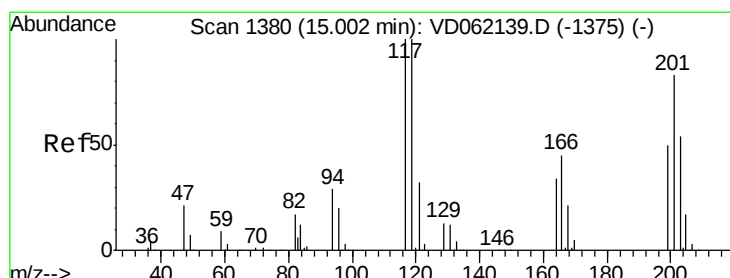
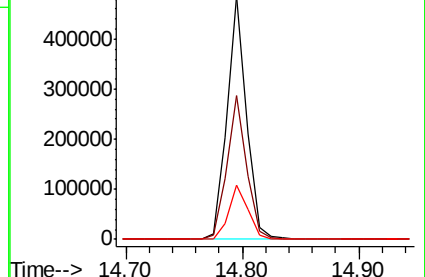
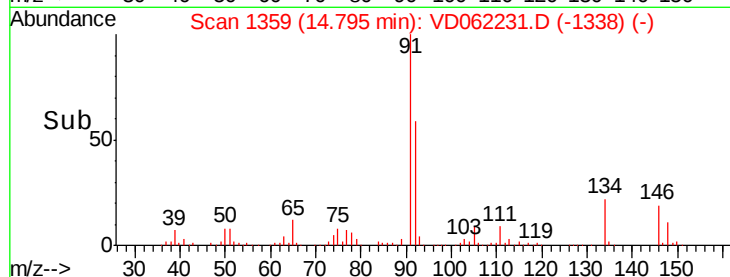
134 22.4 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 20.298 ug/l

RT: 15.00 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VD062231.D

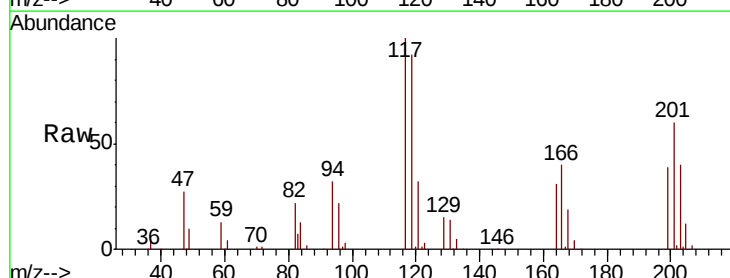
Acq: 11 May 2019 12:23

Tgt Ion: 117 Resp: 154416

Ion Ratio Lower Upper

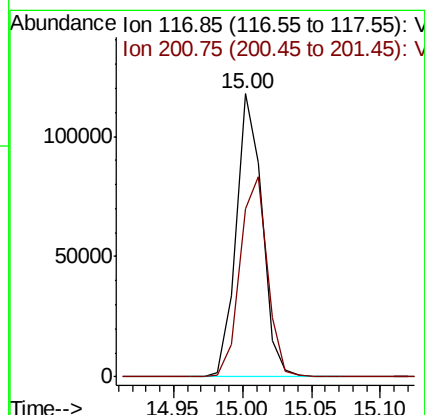
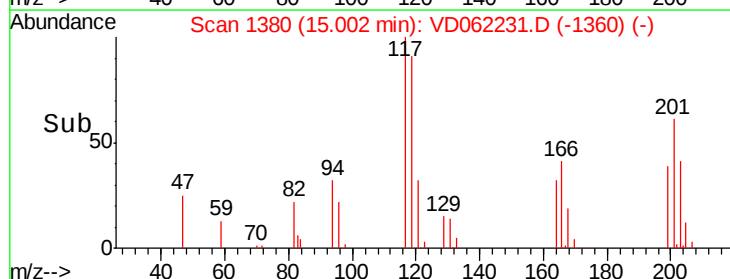
117 100

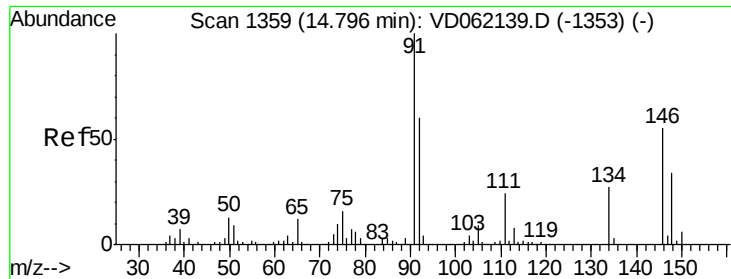
201 59.5 30.2 90.6



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

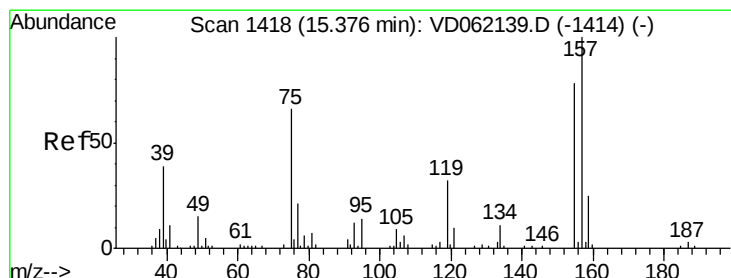
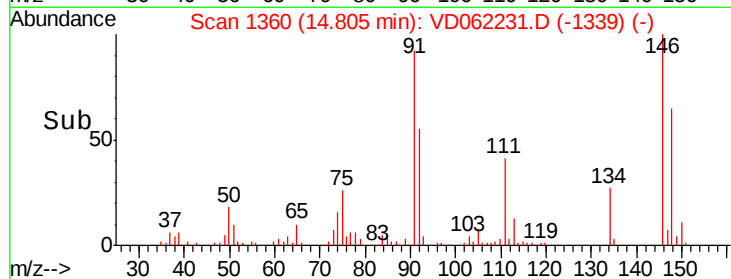
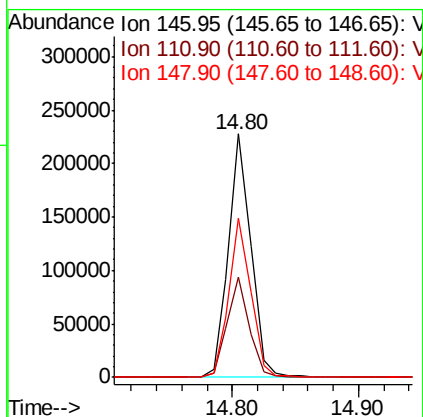
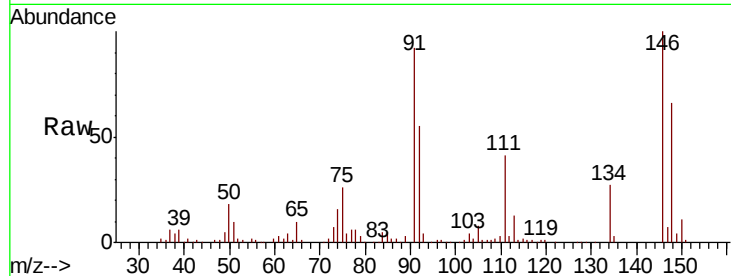




#91  
 1,2-Dichlorobenzene  
 Concen: 21.975 ug/l  
 RT: 14.80 min Scan# 1360  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

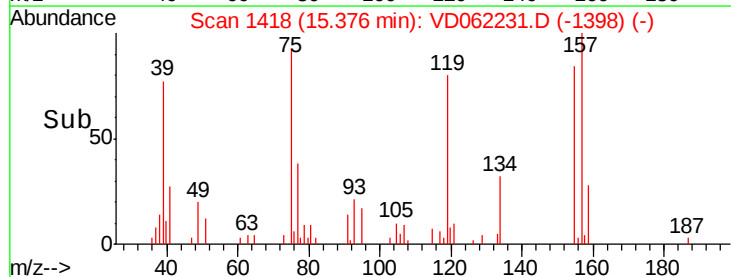
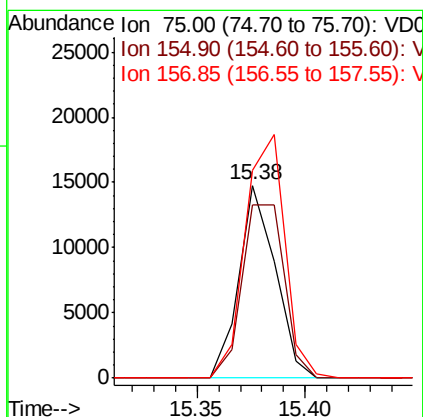
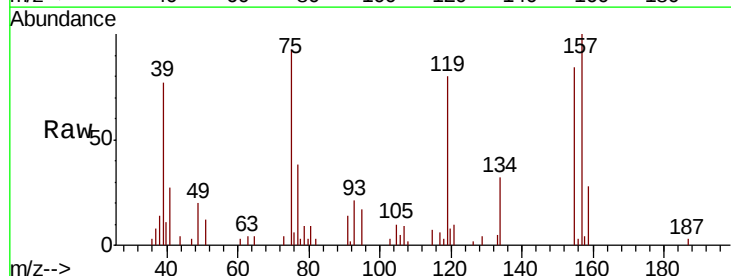
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBSD01

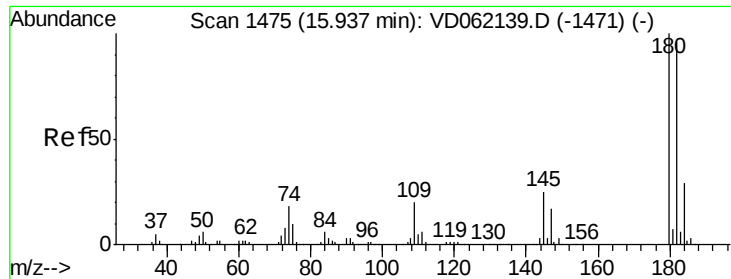
Tot Ion:146 Resp: 279240  
 Ion Ratio Lower Upper  
 146 100  
 111 41.4 20.0 59.9  
 148 65.6 32.3 96.8



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.404 ug/l  
 RT: 15.38 min Scan# 1418  
 Delta R.T. -0.00 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Tgt Ion: 75 Resp: 17256  
 Ion Ratio Lower Upper  
 75 100  
 155 90.1 55.3 165.8  
 157 107.8 67.8 203.2

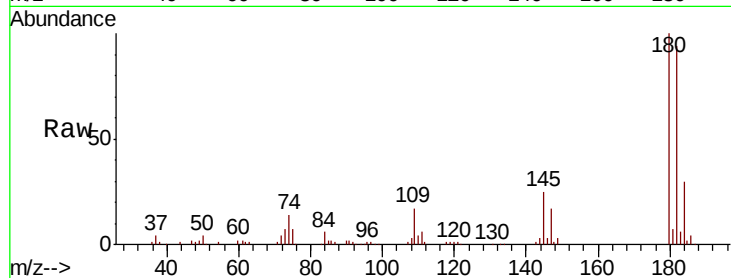




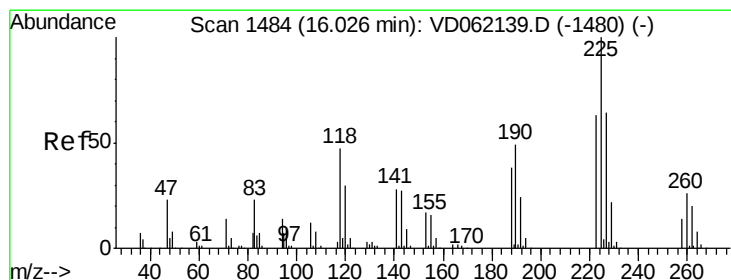
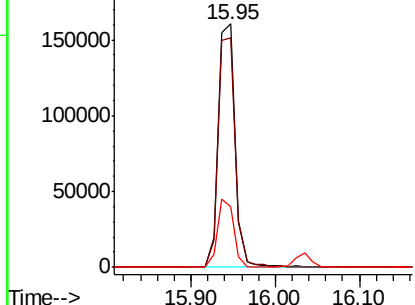
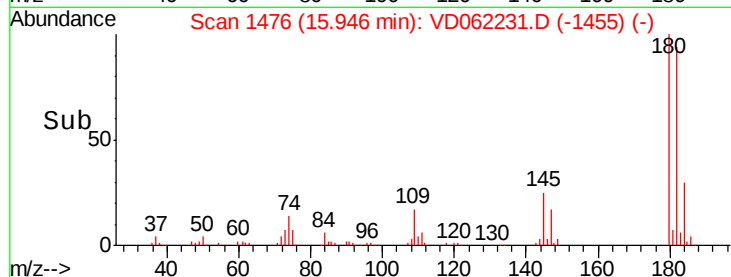
#93  
 1,2,4-Trichlorobenzene  
 Concen: 24.127 ug/l  
 RT: 15.95 min Scan# 1476  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0511SBSD01

Tot Ion:180 Resp: 223150  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 49.3 147.8  
 145 25.0 16.2 48.6

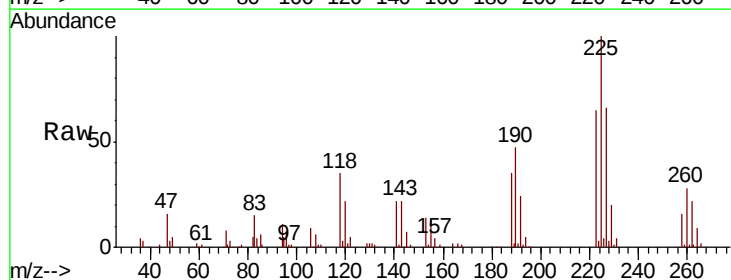


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

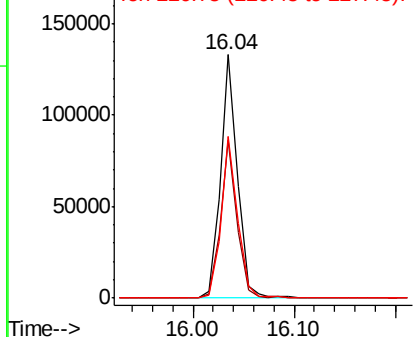
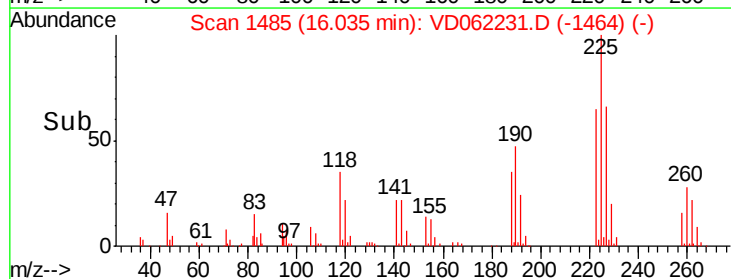


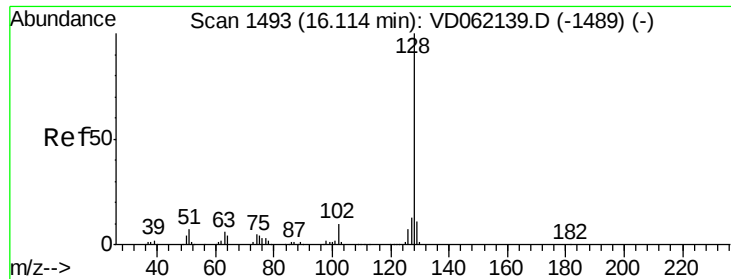
#94  
 Hexachlorobutadiene  
 Concen: 22.629 ug/l  
 RT: 16.04 min Scan# 1485  
 Delta R.T. 0.01 min  
 Lab File: VD062231.D  
 Acq: 11 May 2019 12:23

Tgt Ion:225 Resp: 155664  
 Ion Ratio Lower Upper  
 225 100  
 223 64.6 30.6 92.0  
 227 66.5 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

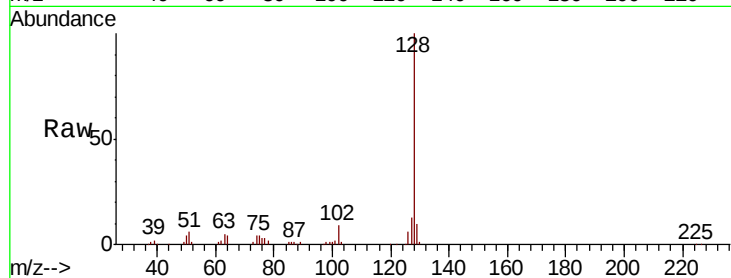




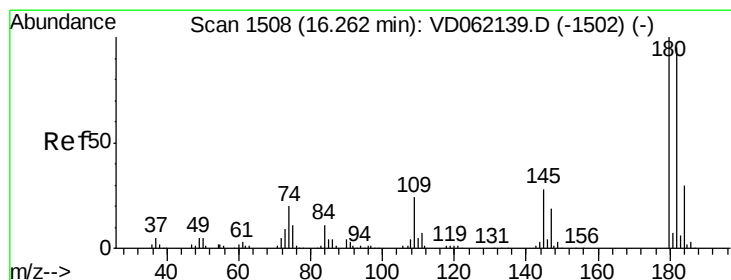
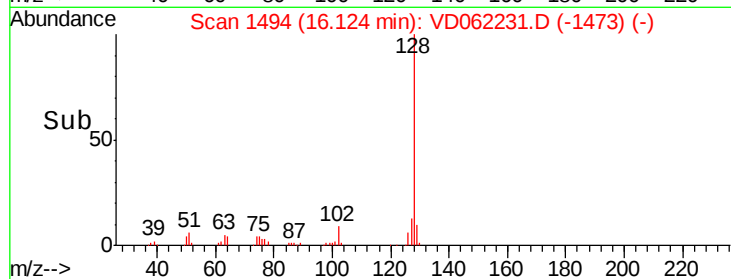
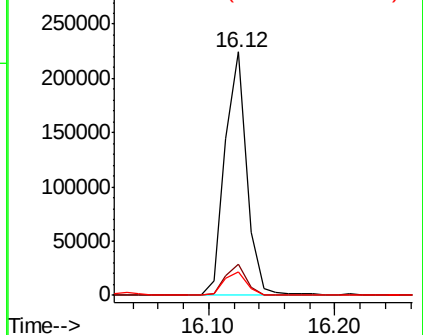
#95  
Naphthalene  
Concen: 20.819 ug/l  
RT: 16.12 min Scan# 1494  
Delta R.T. 0.01 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0511SBSD01

Tot Ion:128 Resp: 268829  
Ion Ratio Lower Upper  
128 100  
127 13.0 9.8 14.8  
129 9.9 8.8 13.2

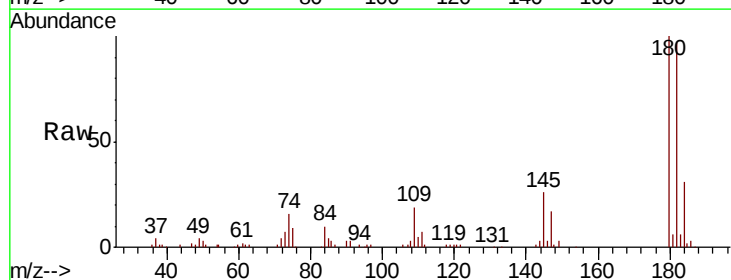


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 26.510 ug/l  
RT: 16.27 min Scan# 1509  
Delta R.T. 0.01 min  
Lab File: VD062231.D  
Acq: 11 May 2019 12:23

Tgt Ion:180 Resp: 154161  
Ion Ratio Lower Upper  
180 100  
182 96.9 47.0 141.0  
145 26.5 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

