

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\  
 Data File : VD061318.D  
 Acq On : 26 Mar 2019 1:04  
 Operator : VA/AP  
 Sample : VD0325SBS02  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBS02

Quant Time: Mar 26 04:31:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032519S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 26 03:31:57 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.04  | 168  | 598078   | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 8.21  | 114  | 1010115  | 50.00 | ug/l  | -0.01    |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 921986   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152  | 396180   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response   | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|------------|---------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.45  | 65   | 294785     | 57.13   | ug/l  | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery = | 114.26% |       |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 426195     | 55.14   | ug/l  | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery = | 110.28% |       |          |
| 50) Toluene-d8              | 10.41 | 98   | 1099148    | 58.65   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 117.30% |       |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 386692     | 52.89   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 105.78% |       |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85   | 128869   | 21.075  | ug/l   | 96     |
| 3) Chloromethane              | 1.76 | 50   | 110720   | 23.211  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.85 | 62   | 97048    | 21.759  | ug/l   | 99     |
| 5) Bromomethane               | 2.15 | 94   | 19478    | 21.517  | ug/l   | 88     |
| 6) Chloroethane               | 2.26 | 64   | 24781    | 17.661  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 2.52 | 101  | 126849   | 19.241  | ug/l   | 94     |
| 8) Diethyl Ether              | 2.88 | 74   | 51957    | 26.506  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101  | 155536   | 23.179  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.31 | 142  | 165345   | 17.637  | ug/l   | 95     |
| 11) Tert butyl alcohol        | 4.07 | 59   | 34818    | 126.757 | ug/l # | 95     |
| 12) 1,1-Dichloroethene        | 3.12 | 96   | 138484   | 23.984  | ug/l   | 95     |
| 13) Acrolein                  | 3.03 | 56   | 37933    | 126.163 | ug/l   | 93     |
| 14) Allyl chloride            | 3.62 | 41   | 193588   | 23.635  | ug/l   | 94     |
| 15) Acrylonitrile             | 4.20 | 53   | 123188   | 127.522 | ug/l   | 93     |
| 16) Acetone                   | 3.22 | 43   | 123420   | 99.996  | ug/l   | 96     |
| 17) Carbon Disulfide          | 3.38 | 76   | 442784   | 23.090  | ug/l   | 97     |
| 18) Methyl Acetate            | 3.64 | 43   | 64525    | 27.658  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 4.24 | 73   | 254960   | 25.073  | ug/l   | 100    |
| 20) Methylene Chloride        | 3.81 | 84   | 169041   | 24.131  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.22 | 96   | 152162   | 23.556  | ug/l   | 92     |
| 22) Diisopropyl ether         | 5.11 | 45   | 420009   | 24.342  | ug/l   | 93     |
| 23) Vinyl Acetate             | 5.05 | 43   | 1149334  | 124.715 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 4.98 | 63   | 243958   | 24.262  | ug/l   | 99     |
| 25) 2-Butanone                | 6.07 | 43   | 171248   | 119.956 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.02 | 77   | 173885   | 20.366  | ug/l   | 94     |
| 27) cis-1,2-Dichloroethene    | 6.04 | 96   | 169372   | 24.366  | ug/l   | 98     |
| 28) Bromochloromethane        | 6.43 | 49   | 101450   | 24.105  | ug/l   | 94     |
| 29) Tetrahydrofuran           | 6.45 | 42   | 93366    | 131.394 | ug/l   | 99     |
| 30) Chloroform                | 6.66 | 83   | 252299   | 23.546  | ug/l   | 96     |
| 31) Cyclohexane               | 6.95 | 56   | 174286   | 21.356  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97   | 200821   | 21.162  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.14 | 75   | 179075   | 21.668  | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.18 | 43   | 78578    | 22.764  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 7.11 | 117  | 206162   | 21.826  | ug/l   | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\  
 Data File : VD061318.D  
 Acq On : 26 Mar 2019 1:04  
 Operator : VA/AP  
 Sample : VD0325SBS02  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0325SBS02

Quant Time: Mar 26 04:31:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032519S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 26 03:31:57 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.86  | 83   | 195610   | 22.854  | ug/l   | 99       |
| 40) Benzene                    | 7.45  | 78   | 486276   | 23.692  | ug/l   | 98       |
| 41) Methacrylonitrile          | 6.44  | 41   | 98489    | 24.553  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 7.57  | 62   | 152993   | 23.917  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 9.24  | 43   | 129186   | 25.956  | ug/l # | 99       |
| 44) Trichloroethene            | 8.54  | 130  | 181181   | 24.408  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 8.93  | 63   | 123039   | 24.288  | ug/l   | 97       |
| 46) Dibromomethane             | 9.06  | 93   | 82253    | 23.688  | ug/l   | 91       |
| 47) Bromodichloromethane       | 9.37  | 83   | 191543   | 23.535  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.12  | 41   | 68225    | 25.682  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.07  | 88   | 16147    | 553.981 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone       | 10.30 | 43   | 382190   | 128.992 | ug/l   | 99       |
| 52) Toluene                    | 10.51 | 92   | 299357   | 23.837  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 173112   | 24.475  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.03 | 75   | 198893   | 23.028  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 11.19 | 97   | 110232   | 26.438  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 11.04 | 69   | 118309   | 26.591  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 11.40 | 76   | 144675   | 22.975  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 321313   | 138.818 | ug/l   | 98       |
| 59) 2-Hexanone                 | 11.53 | 43   | 271694   | 126.256 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.68 | 129  | 162793   | 24.929  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 127434   | 26.158  | ug/l   | 99       |
| 64) Tetrachloroethene          | 11.25 | 164  | 141095   | 22.215  | ug/l   | 98       |
| 65) Chlorobenzene              | 12.40 | 112  | 389119   | 22.913  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 147220   | 22.360  | ug/l   | 99       |
| 67) Ethyl Benzene              | 12.51 | 91   | 559081   | 21.512  | ug/l   | 98       |
| 68) m/p-Xylenes                | 12.66 | 106  | 405525   | 39.973  | ug/l   | 100      |
| 69) o-Xylene                   | 13.05 | 106  | 213729   | 22.715  | ug/l   | 100      |
| 70) Styrene                    | 13.07 | 104  | 380933   | 23.855  | ug/l   | 97       |
| 71) Bromoform                  | 13.23 | 173  | 88160    | 21.881  | ug/l   | 98       |
| 73) Isopropylbenzene           | 13.40 | 105  | 570068   | 22.123  | ug/l   | 98       |
| 74) N-amyl acetate             | 13.26 | 43   | 150967   | 22.393  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 121229   | 24.260  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 113658   | 23.069  | ug/l   | 99       |
| 77) Bromobenzene               | 13.67 | 156  | 161826   | 22.482  | ug/l   | 96       |
| 78) n-propylbenzene            | 13.78 | 91   | 716851   | 24.658  | ug/l   | 93       |
| 79) 2-Chlorotoluene            | 13.83 | 91   | 386573   | 22.838  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 14.24 | 105  | 500198   | 24.606  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 38361    | 24.671  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 448686   | 24.247  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 554550   | 23.892  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 500198   | 24.606  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 536203   | 20.744  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 14.48 | 119  | 504589   | 21.881  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 269698   | 21.139  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 289660   | 23.438  | ug/l   | 98       |
| 89) n-Butylbenzene             | 14.80 | 91   | 449206   | 21.940  | ug/l   | 96       |
| 90) Hexachloroethane           | 15.01 | 117  | 129005   | 20.864  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 251565   | 24.711  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 15426    | 24.704  | ug/l   | 88       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032519\  
Data File : VD061318.D  
Acq On : 26 Mar 2019 1:04  
Operator : VA/AP  
Sample : VD0325SBSD02  
Misc : 5.00µl/5ml/MSVOA D/SOIL  
ALS Vial : 33 Sample Multiplier: 1

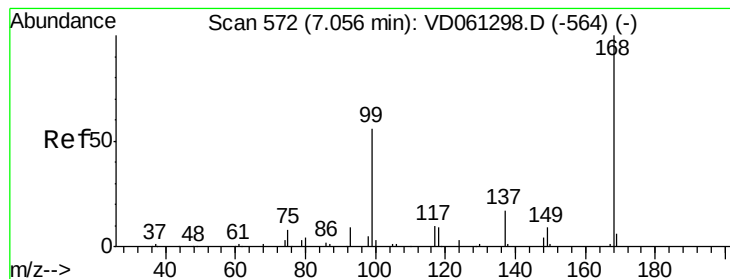
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBSD02

Quant Time: Mar 26 04:31:18 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D032519S.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 26 03:31:57 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 132765   | 28.238 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 92566    | 24.434 | ug/l  | 96       |
| 95) Naphthalene            | 16.12 | 128  | 206904   | 30.160 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 74138    | 33.761 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

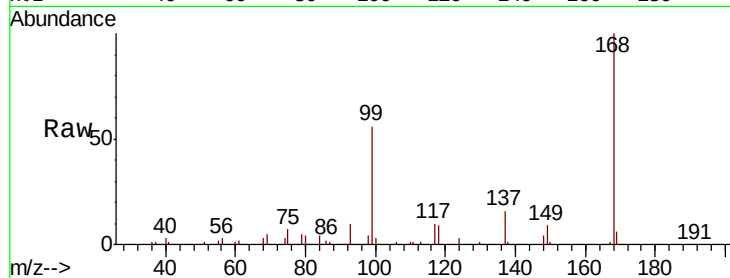
VD0325SBSD02

Tot Ion:168 Resp: 598078

Ion Ratio Lower Upper

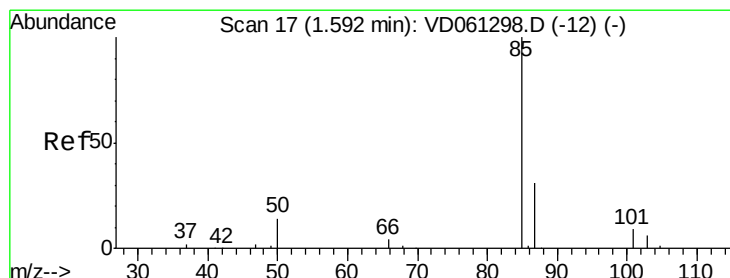
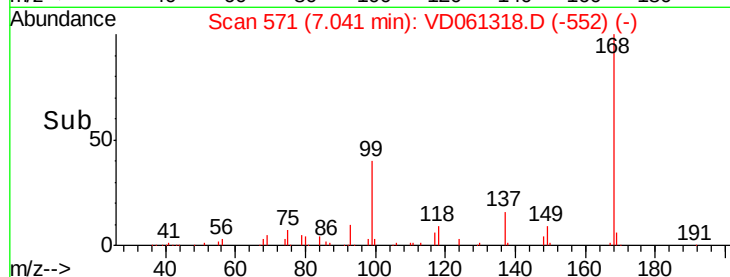
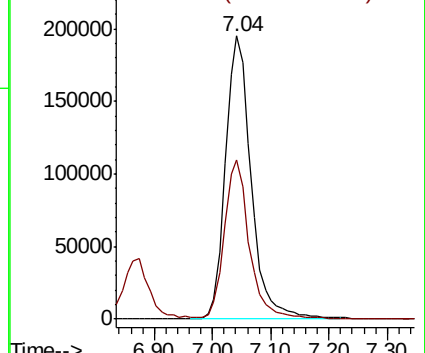
168 100

99 56.3 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 21.075 ug/l

RT: 1.58 min Scan# 16

Delta R.T. -0.01 min

Lab File: VD061318.D

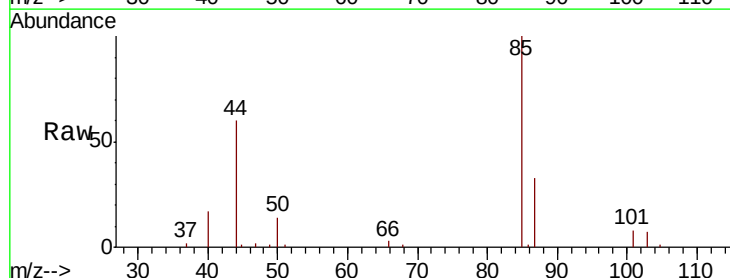
Acq: 26 Mar 2019 1:04

Tgt Ion: 85 Resp: 128869

Ion Ratio Lower Upper

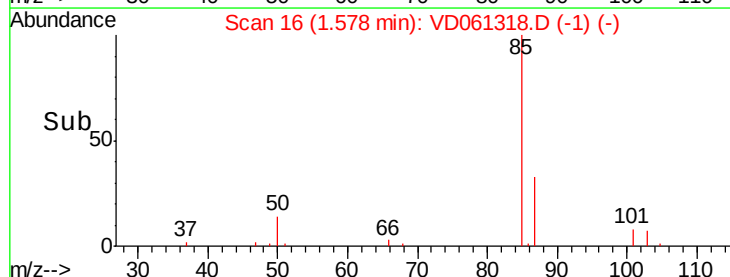
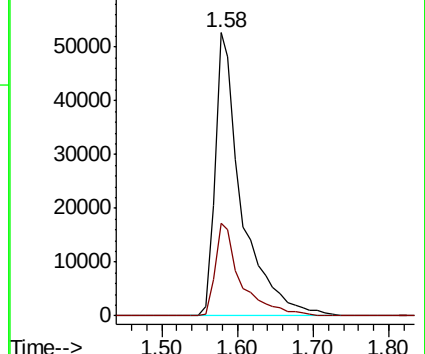
85 100

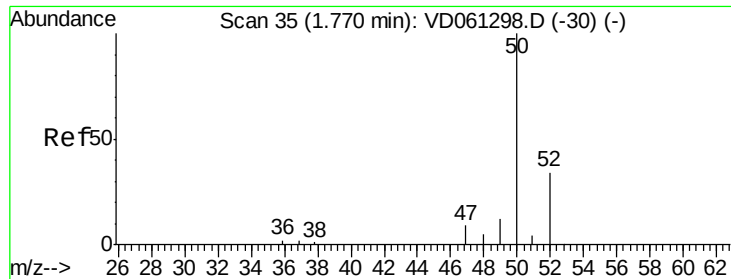
87 32.9 15.4 46.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 23.211 ug/l

RT: 1.76 min Scan# 34

Delta R.T. -0.01 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

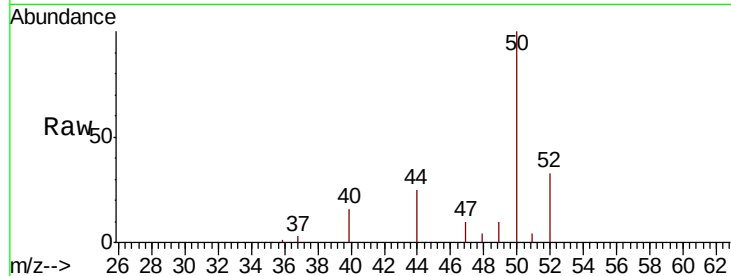
VD0325SBS02

Tot Ion: 50 Resp: 110720

Ion Ratio Lower Upper

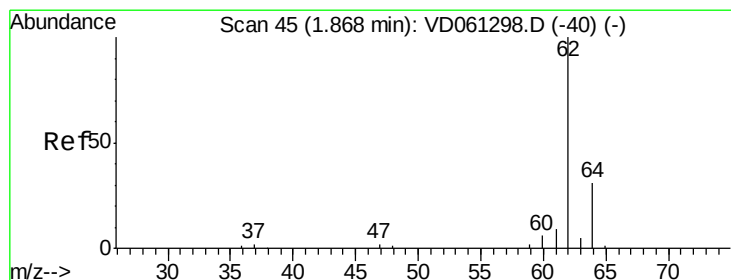
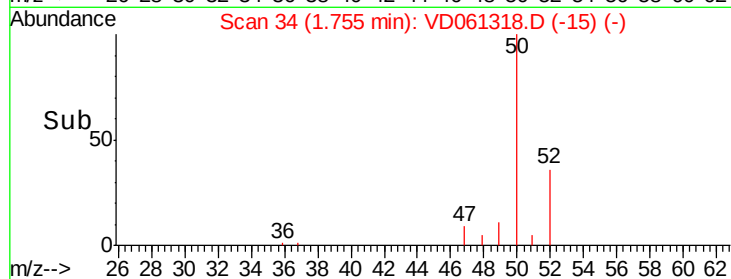
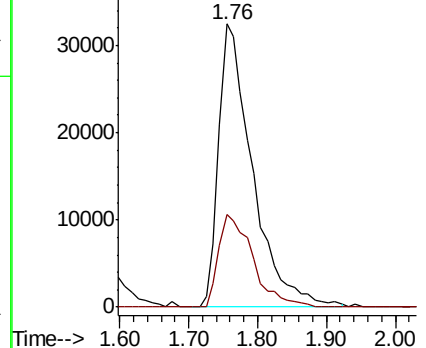
50 100

52 32.9 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.759 ug/l

RT: 1.85 min Scan# 44

Delta R.T. -0.01 min

Lab File: VD061318.D

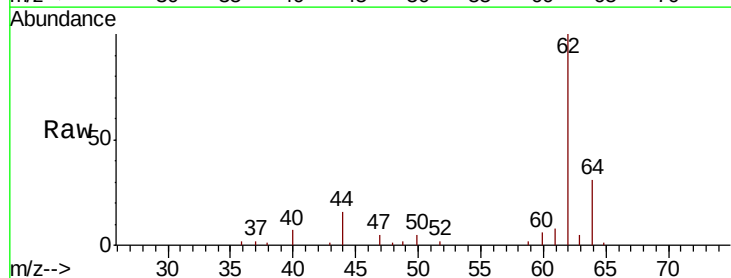
Acq: 26 Mar 2019 1:04

Tgt Ion: 62 Resp: 97048

Ion Ratio Lower Upper

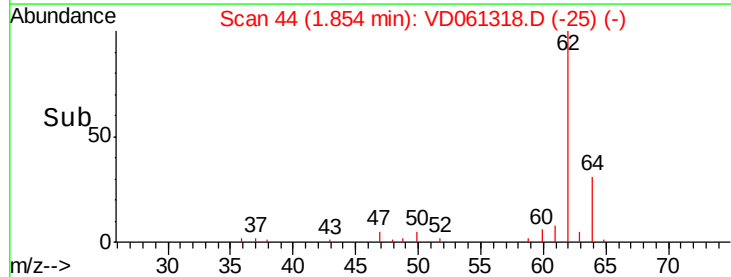
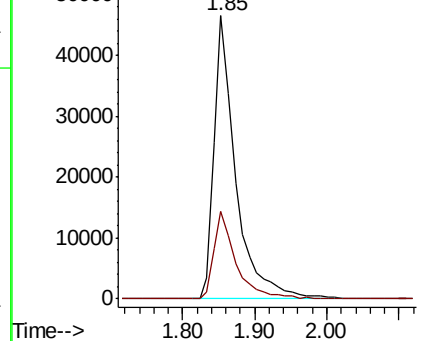
62 100

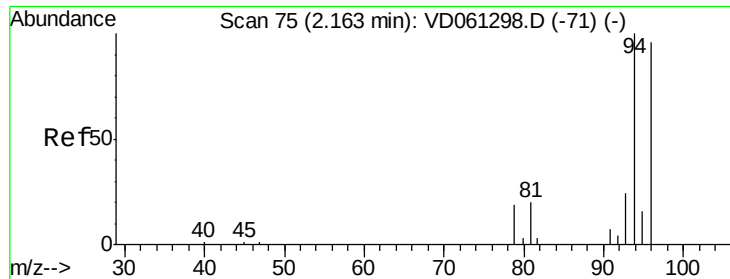
64 30.8 25.1 37.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 21.517 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.01 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0325SBSD02

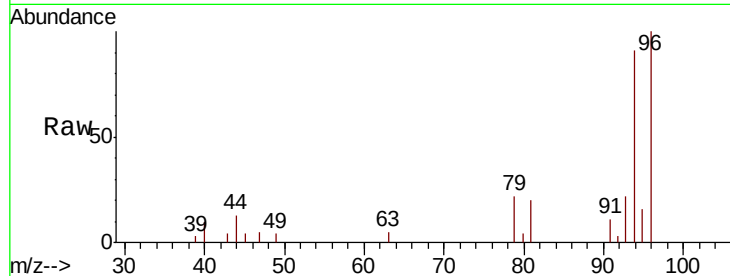
Tot Ion: 94 Resp: 19478

Ion Ratio Lower Upper

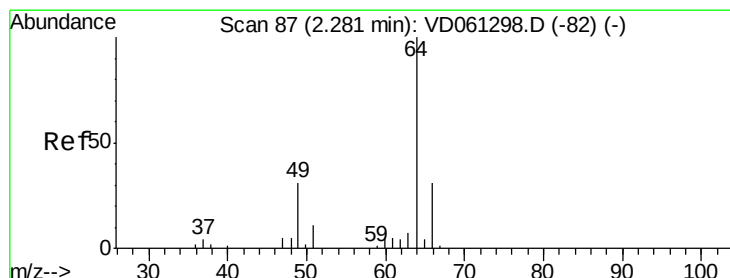
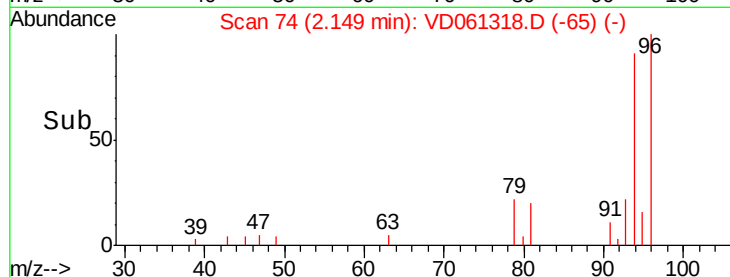
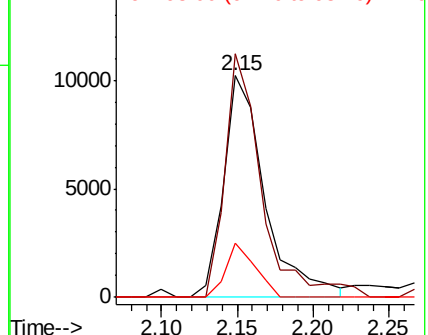
94 100

96 109.9 76.9 115.3

93 24.6 18.8 28.2



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: 17.661 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.02 min

Lab File: VD061318.D

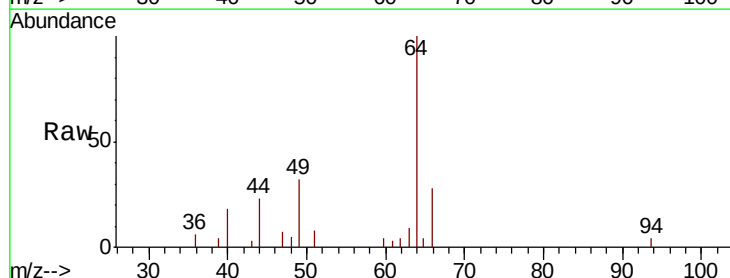
Acq: 26 Mar 2019 1:04

Tgt Ion: 64 Resp: 24781

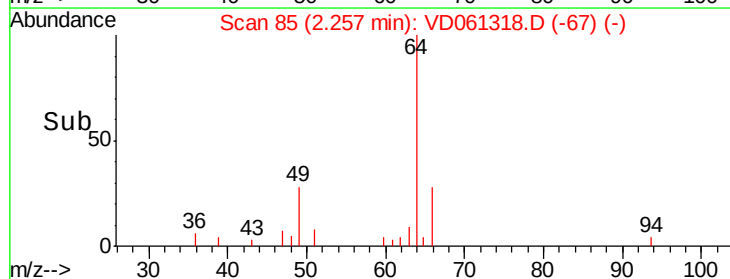
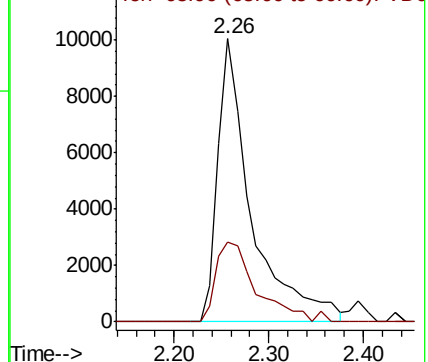
Ion Ratio Lower Upper

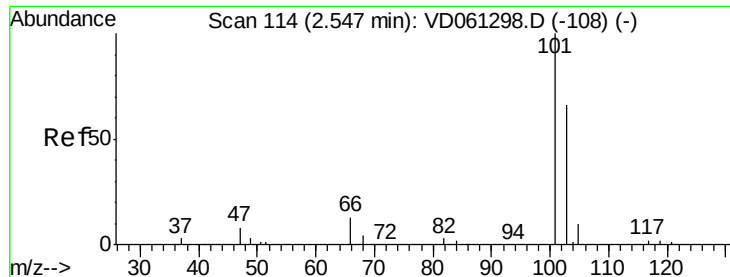
64 100

66 28.4 24.6 36.8



Abundance Ion 63.95 (63.65 to 64.65): VDC  
Ion 65.90 (65.60 to 66.60): VDC



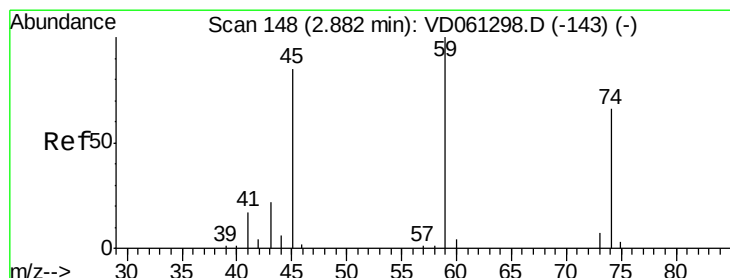
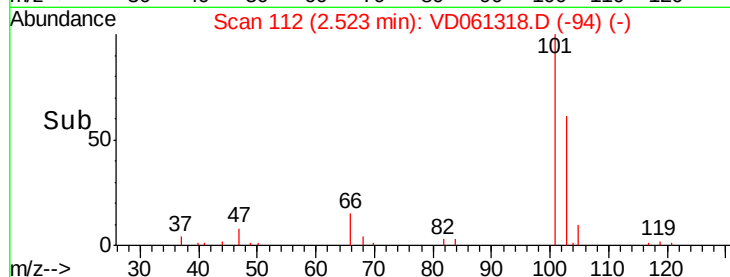
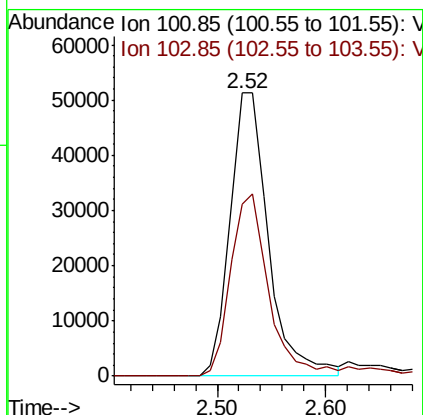
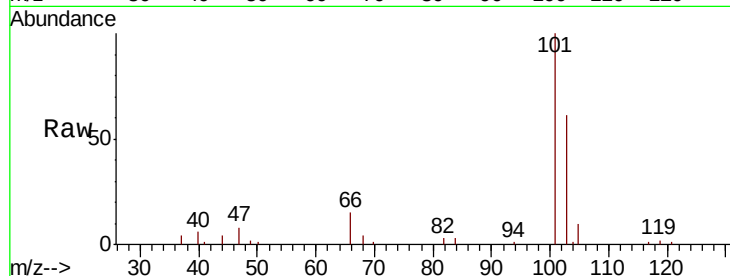


#7

Trichlorofluoromethane  
 Concen: 19.241 ug/l  
 RT: 2.52 min Scan# 112  
 Delta R.T. -0.02 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBSD02

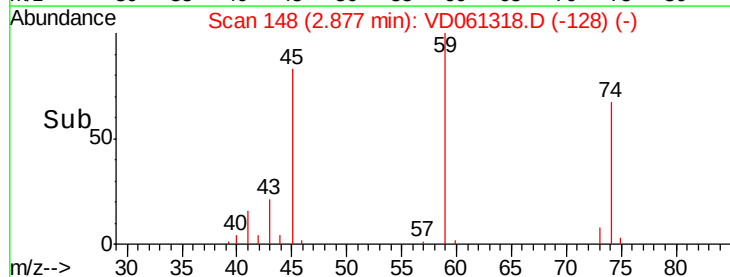
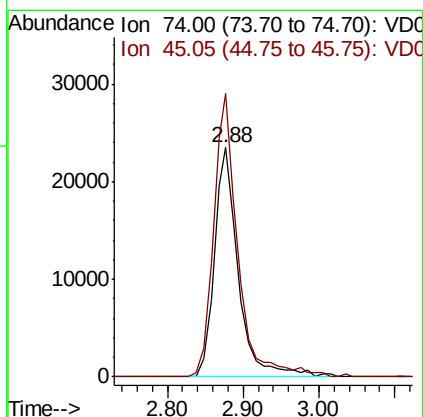
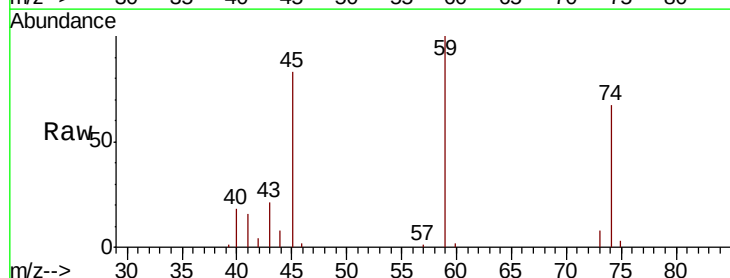
Tot Ion:101 Resp: 126849  
 Ion Ratio Lower Upper  
 101 100  
 103 61.0 52.6 79.0



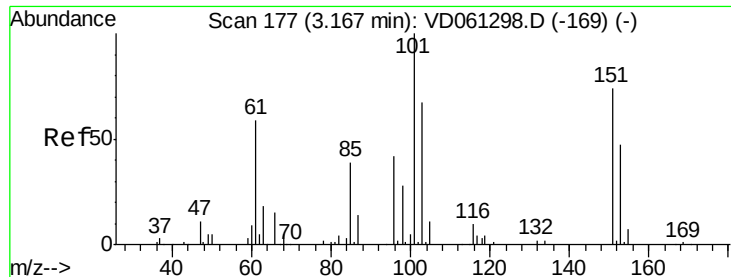
#8

Diethyl Ether  
 Concen: 26.506 ug/l  
 RT: 2.88 min Scan# 148  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Tgt Ion: 74 Resp: 51957  
 Ion Ratio Lower Upper  
 74 100  
 45 123.5 64.3 192.9







#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.179 ug/l

RT: 3.15 min Scan# 176

Delta R.T. -0.01 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0325SBSD02

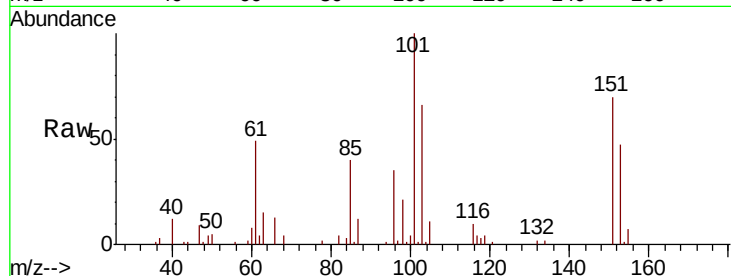
Tot Ion:101 Resp: 155536

Ion Ratio Lower Upper

101 100

85 39.7 31.6 47.4

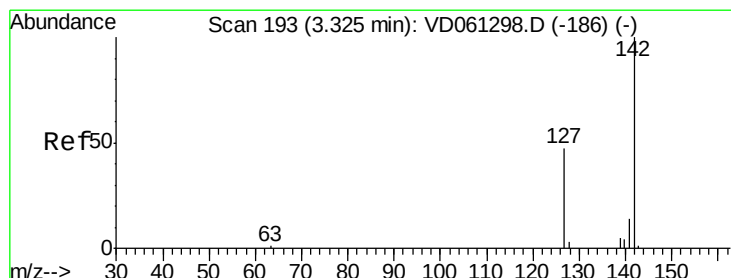
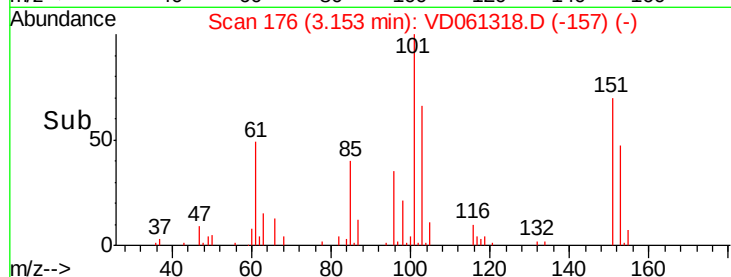
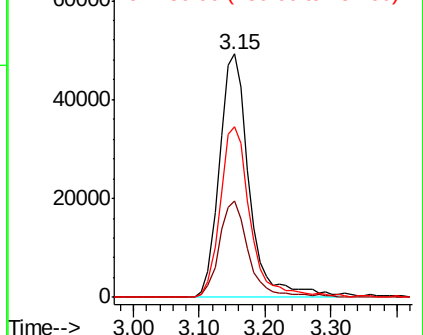
151 70.1 59.3 88.9



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: 17.637 ug/l

RT: 3.31 min Scan# 192

Delta R.T. -0.01 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

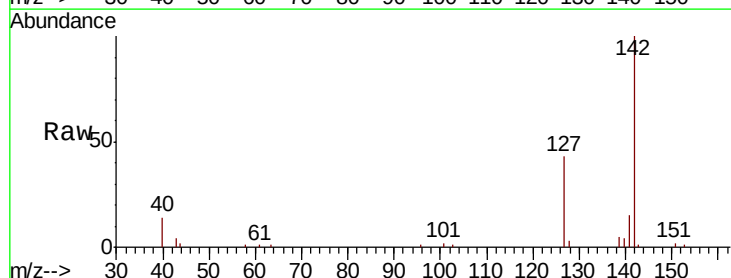
Tgt Ion:142 Resp: 165345

Ion Ratio Lower Upper

142 100

127 42.7 37.8 56.6

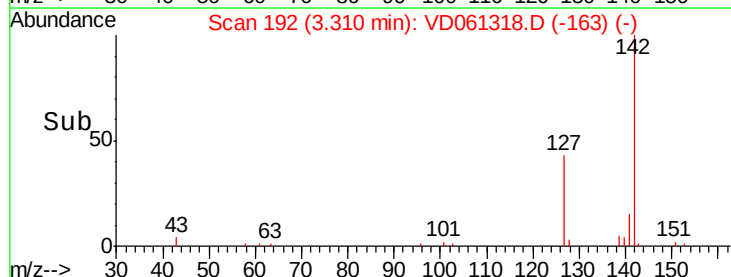
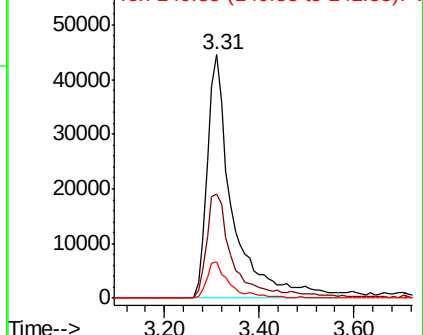
141 15.0 11.6 17.4

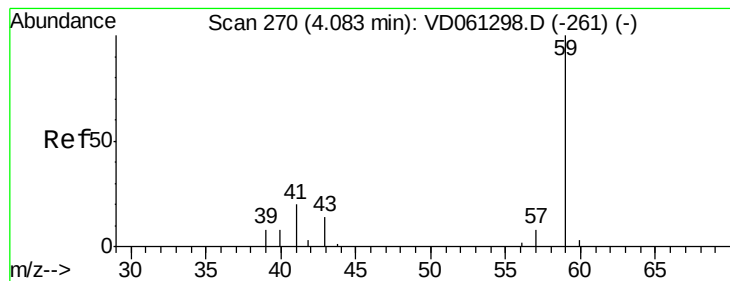


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



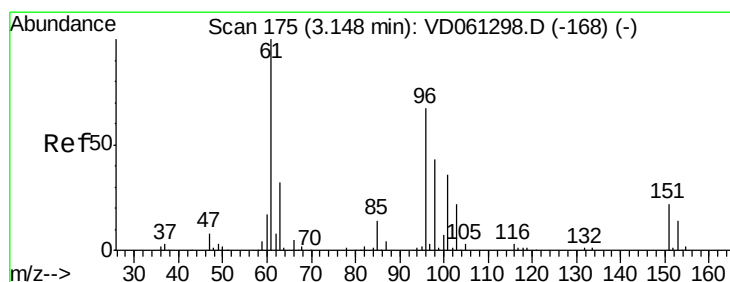
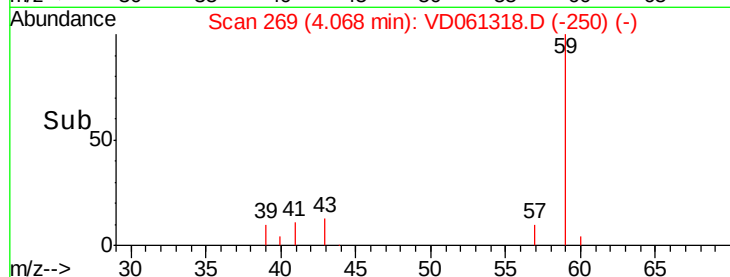
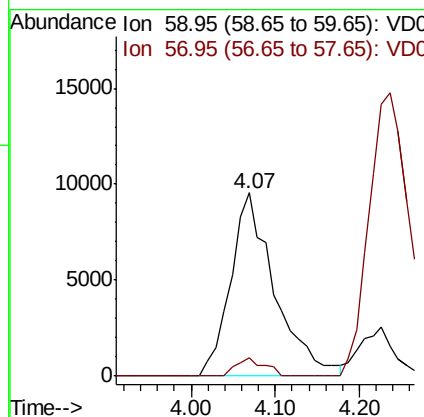
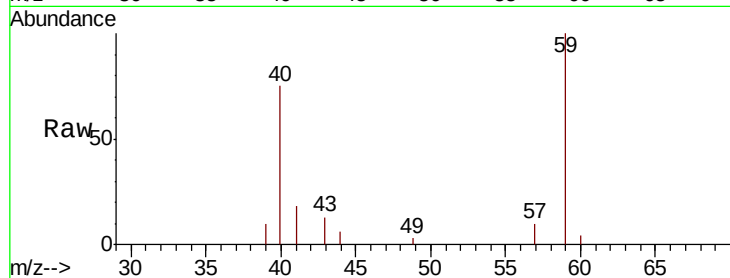


#11

Tert butyl alcohol  
 Concen: 126.757 ug/l  
 RT: 4.07 min Scan# 269  
 Delta R.T. -0.01 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBSD02

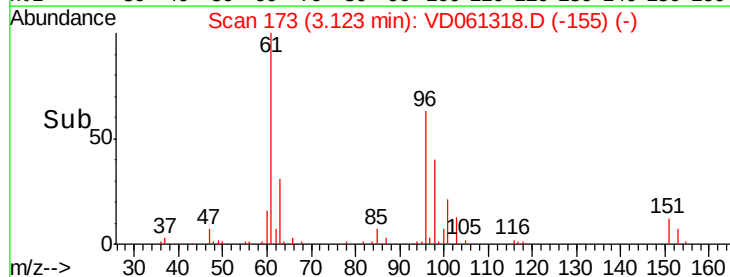
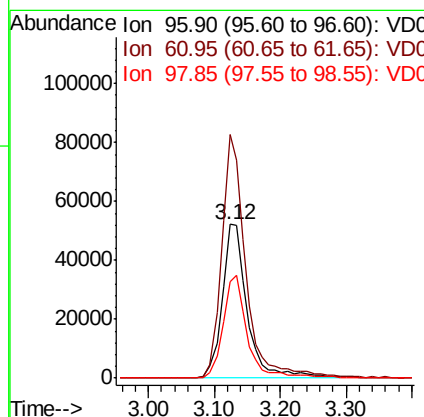
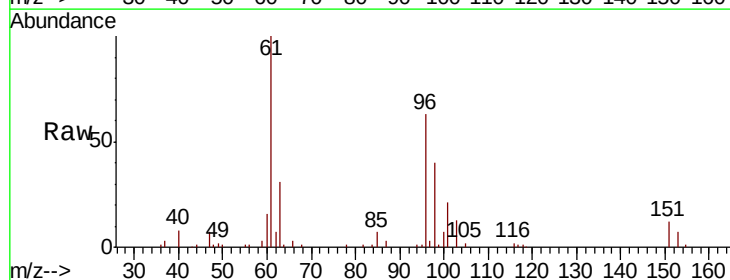
Tot Ion: 59 Resp: 34818  
 Ion Ratio Lower Upper  
 59 100  
 57 10.0 6.6 9.8#

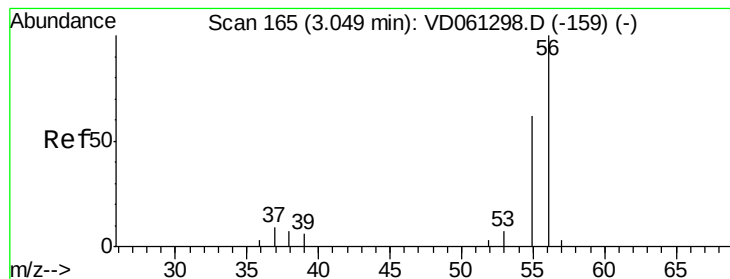


#12

1,1-Dichloroethene  
 Concen: 23.984 ug/l  
 RT: 3.12 min Scan# 173  
 Delta R.T. -0.02 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Tgt Ion: 96 Resp: 138484  
 Ion Ratio Lower Upper  
 96 100  
 61 158.2 120.2 180.2  
 98 62.9 52.2 78.4





#13

Acrolein

Concen: 126.163 ug/l

RT: 3.03 min Scan# 164

Delta R.T. -0.01 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

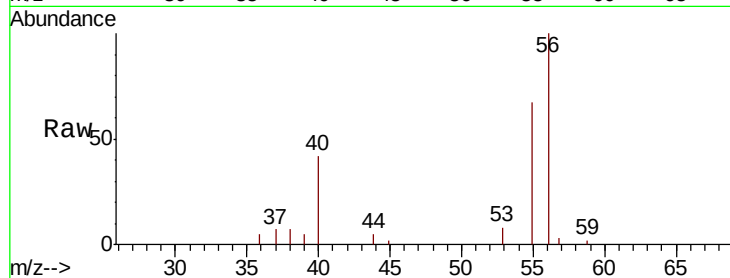
VD0325SBS02

Tot Ion: 56 Resp: 37933

Ion Ratio Lower Upper

56 100

55 67.5 49.8 74.6



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

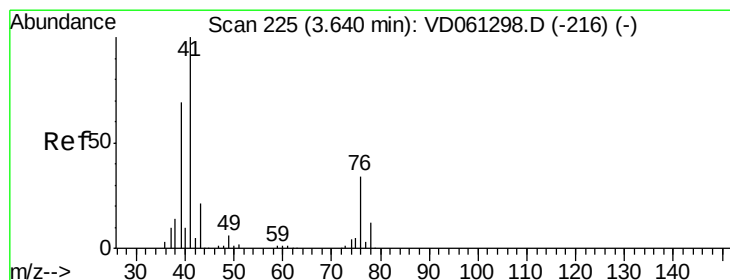
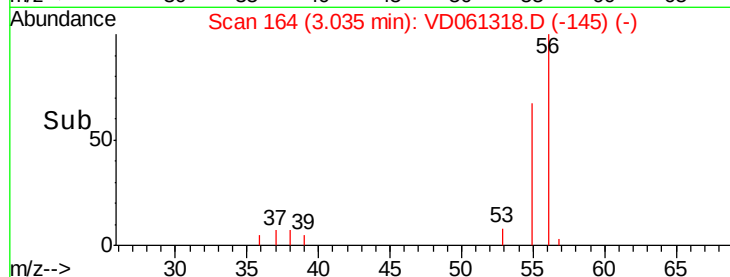
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 23.635 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.02 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

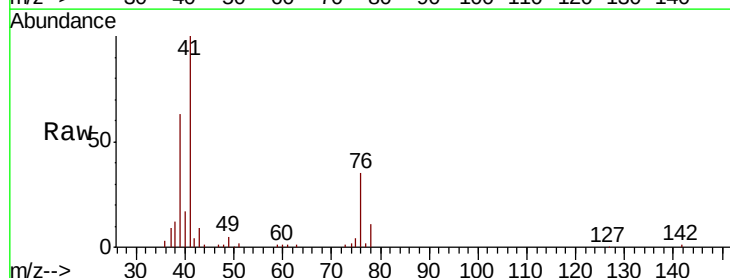
Tgt Ion: 41 Resp: 193588

Ion Ratio Lower Upper

41 100

39 62.8 55.1 82.7

76 35.3 30.2 45.2



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

100000

80000

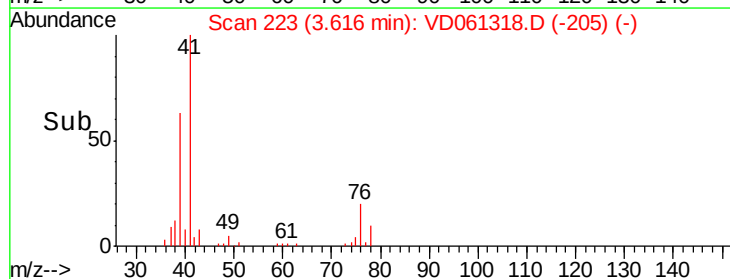
60000

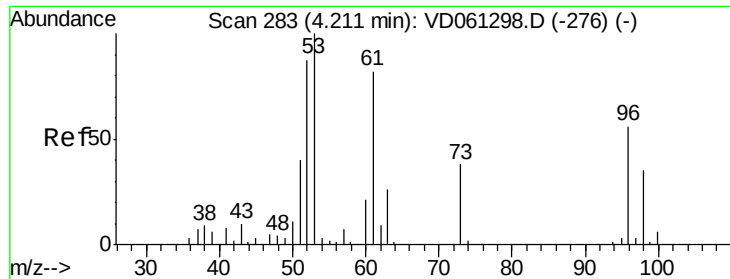
40000

20000

0

Time-->

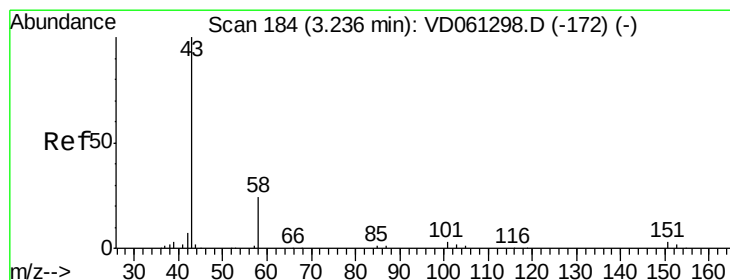
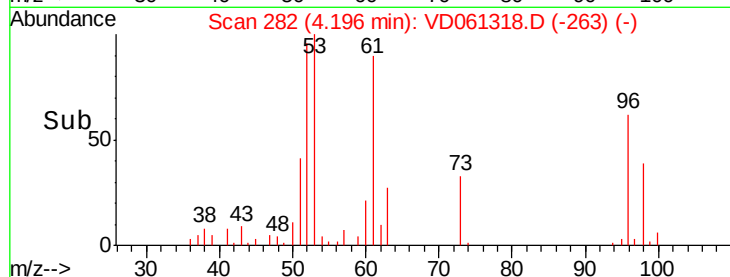
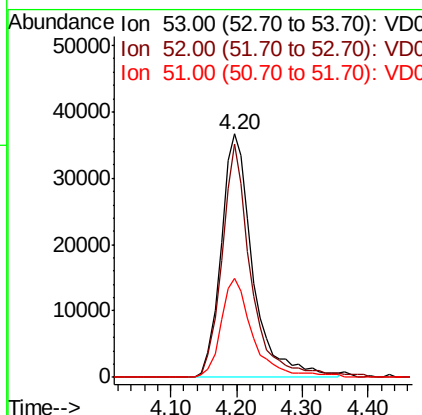
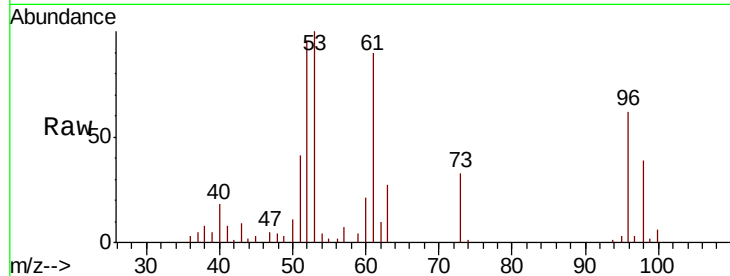




#15  
 Acrylonitrile  
 Concen: 127.522 ug/l  
 RT: 4.20 min Scan# 282  
 Delta R.T. -0.01 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

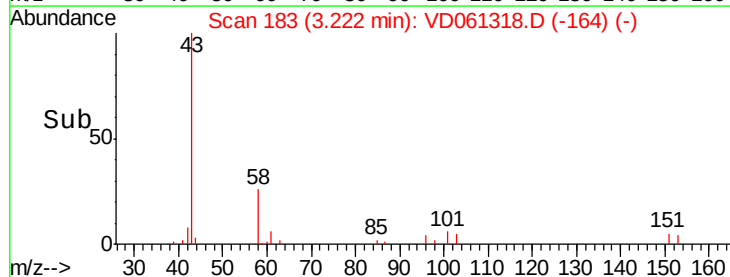
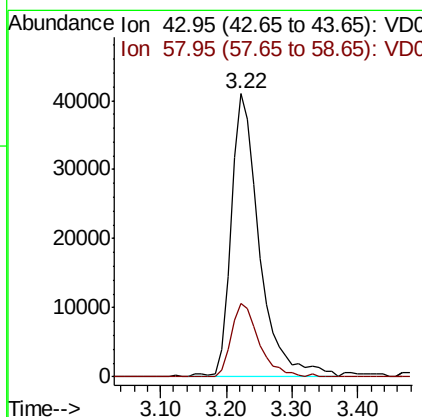
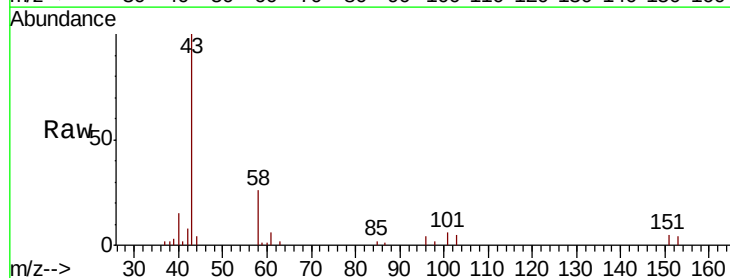
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBSD02

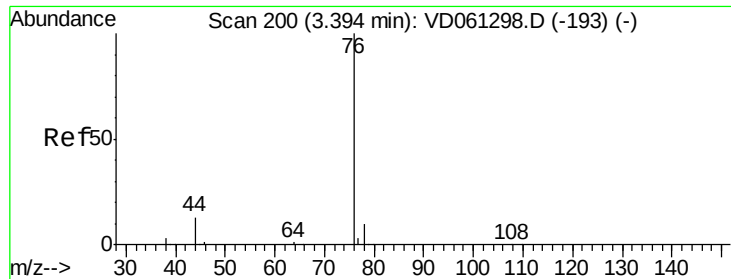
Tot Ion: 53 Resp: 123188  
 Ion Ratio Lower Upper  
 53 100  
 52 96.1 69.4 104.2  
 51 40.6 31.7 47.5



#16  
 Acetone  
 Concen: 99.996 ug/l  
 RT: 3.22 min Scan# 183  
 Delta R.T. -0.01 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Tgt Ion: 43 Resp: 123420  
 Ion Ratio Lower Upper  
 43 100  
 58 26.2 19.4 29.0





#17

Carbon Disulfide

Concen: 23.090 ug/l

RT: 3.38 min Scan# 199

Delta R.T. -0.01 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

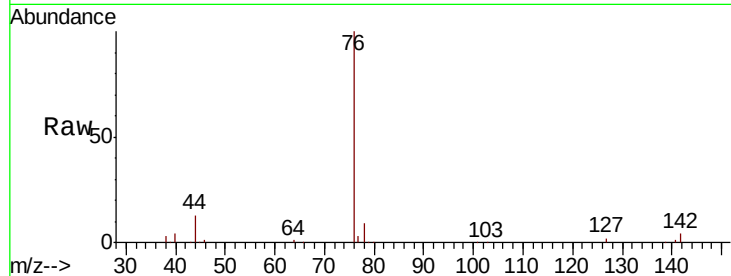
VD0325SBSD02

Tot Ion: 76 Resp: 442784

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.6



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.38

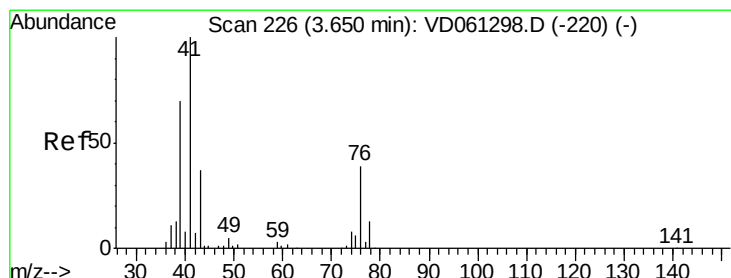
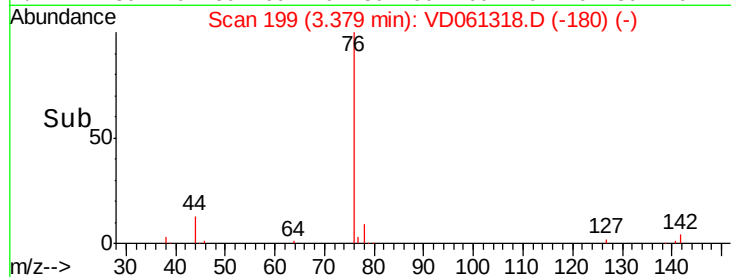
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 27.658 ug/l

RT: 3.64 min Scan# 225

Delta R.T. -0.01 min

Lab File: VD061318.D

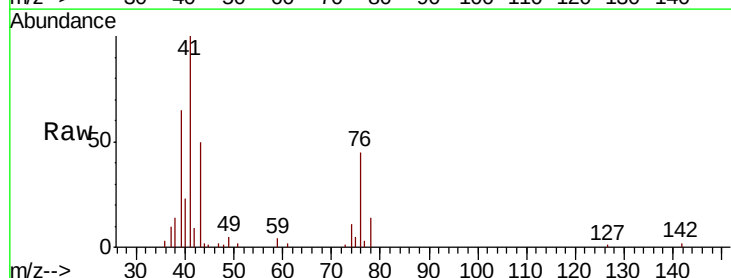
Acq: 26 Mar 2019 1:04

Tgt Ion: 43 Resp: 64525

Ion Ratio Lower Upper

43 100

74 22.3 16.6 25.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.64

25000

20000

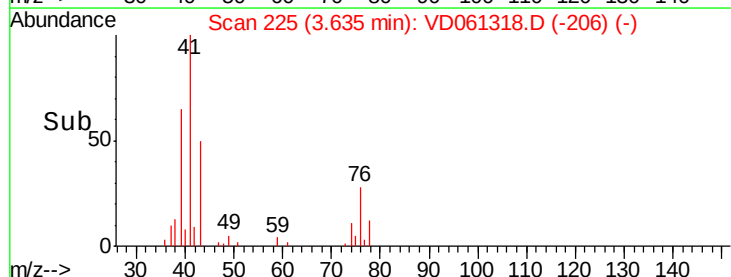
15000

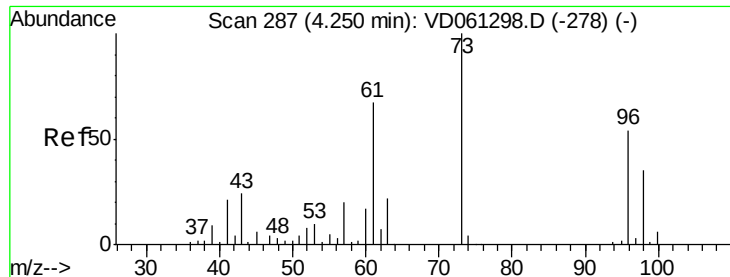
10000

5000

0

Time-->

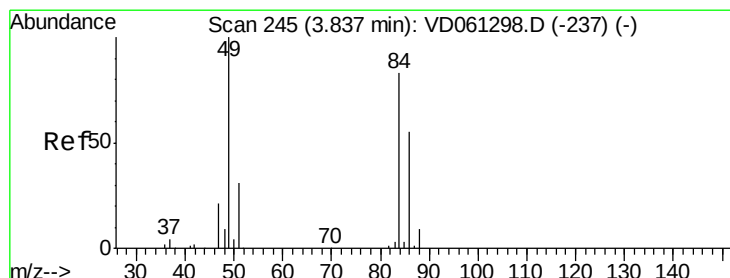
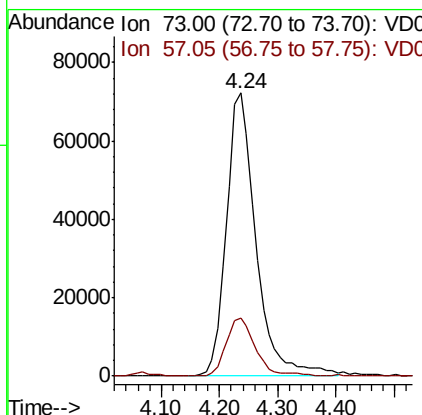
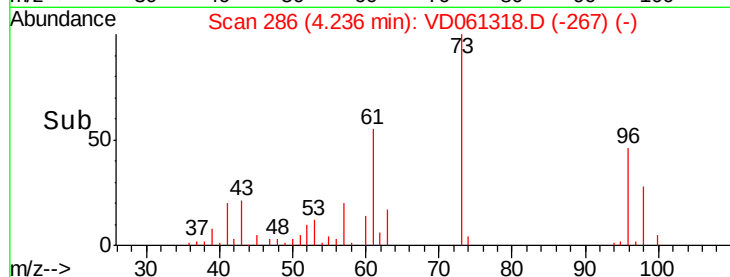
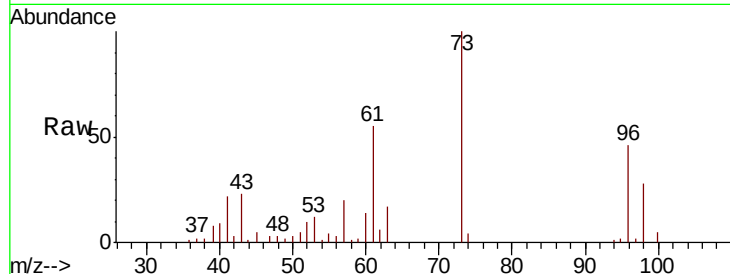




#19  
Methyl tert-butyl Ether  
Concen: 25.073 ug/l  
RT: 4.24 min Scan# 286  
Delta R.T. -0.01 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

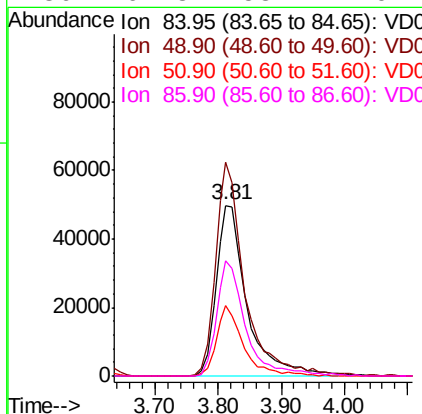
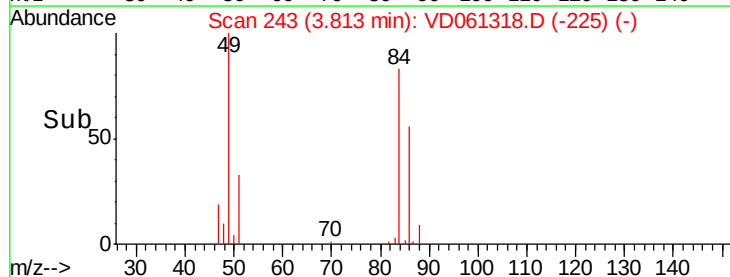
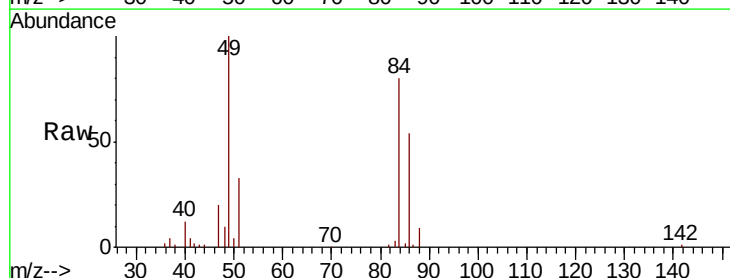
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBS02

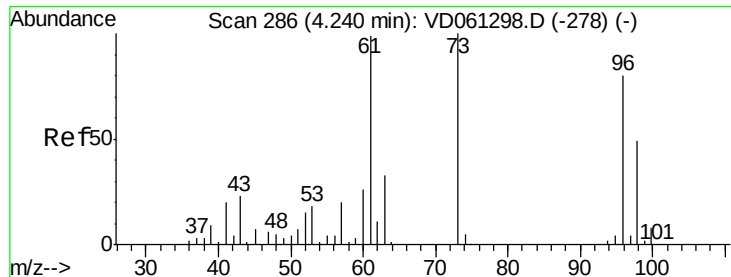
Tot Ion: 73 Resp: 254960  
Ion Ratio Lower Upper  
73 100  
57 20.4 16.3 24.5



#20  
Methylene Chloride  
Concen: 24.131 ug/l  
RT: 3.81 min Scan# 243  
Delta R.T. -0.02 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Tgt Ion: 84 Resp: 169041  
Ion Ratio Lower Upper  
84 100  
49 125.4 96.8 145.2  
51 41.0 29.9 44.9  
86 67.8 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 23.556 ug/l

RT: 4.22 min Scan# 284

Delta R.T. -0.02 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0325SBS02

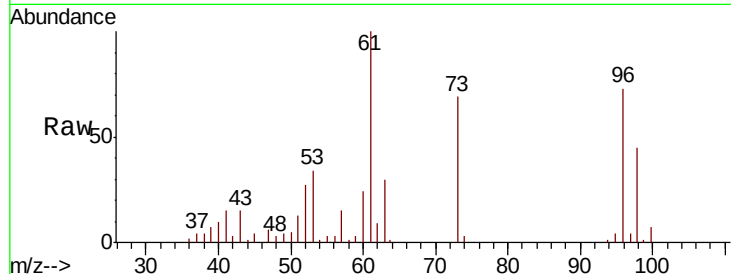
Tot Ion: 96 Resp: 152162

Ion Ratio Lower Upper

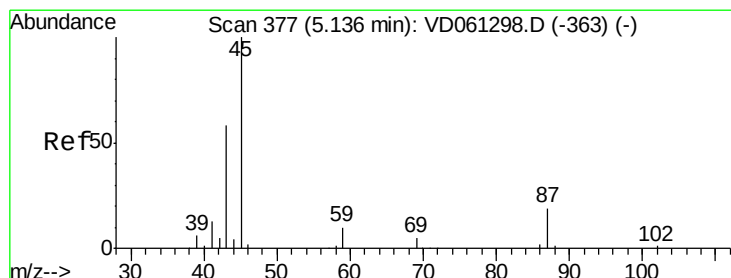
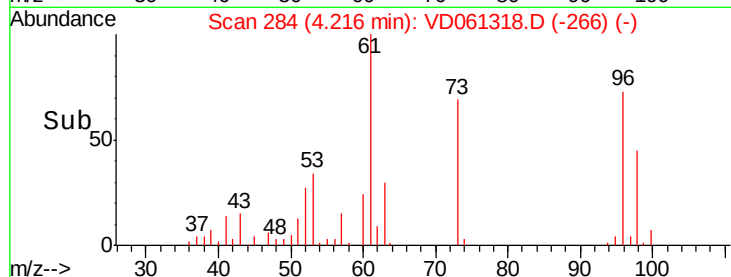
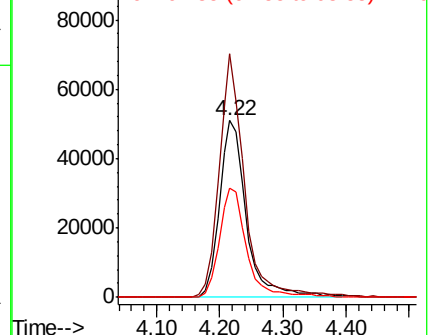
96 100

61 137.7 99.2 148.8

98 61.9 49.2 73.8



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: 24.342 ug/l

RT: 5.11 min Scan# 375

Delta R.T. -0.02 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Tgt Ion: 45 Resp: 420009

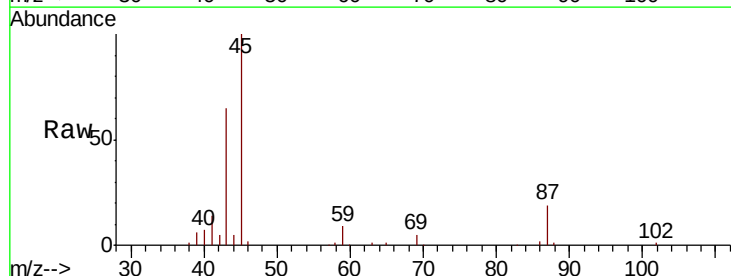
Ion Ratio Lower Upper

45 100

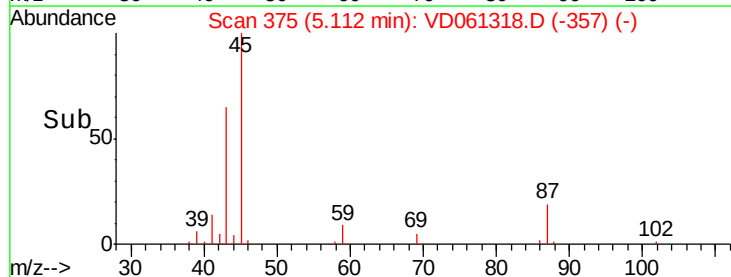
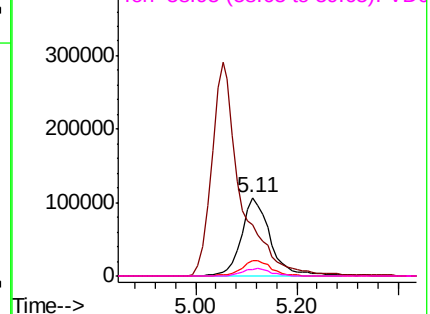
43 65.4 46.7 70.1

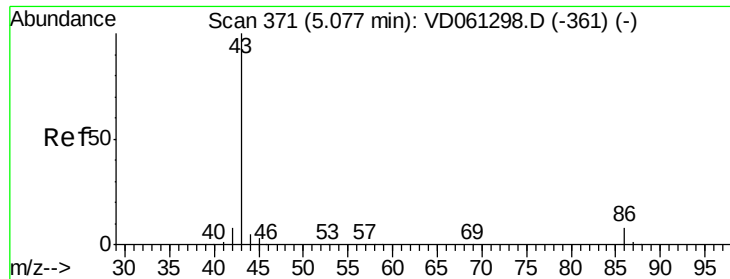
87 18.9 15.5 23.3

59 8.6 8.4 12.6



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: 124.715 ug/l

RT: 5.05 min Scan# 369

Delta R.T. -0.02 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

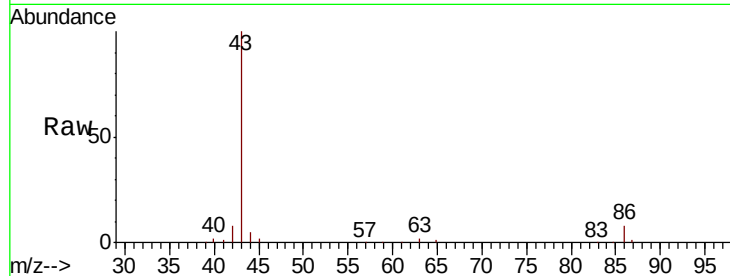
VD0325SBS02

Tot Ion: 43 Resp: 1149334

Ion Ratio Lower Upper

43 100

86 8.0 6.3 9.5



Abundance Ion 42.95 (42.65 to 43.65): VD061318.D (-361) (-)

Ion 86.00 (85.70 to 86.70): VD061318.D (-361) (-)

5.05

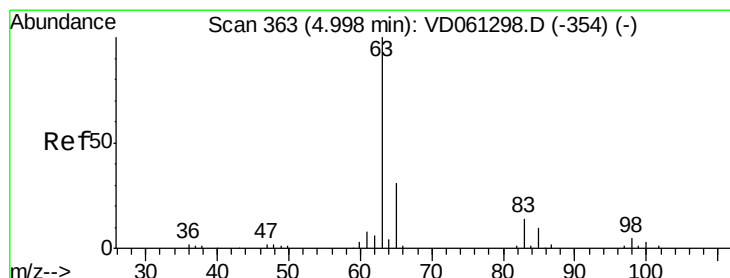
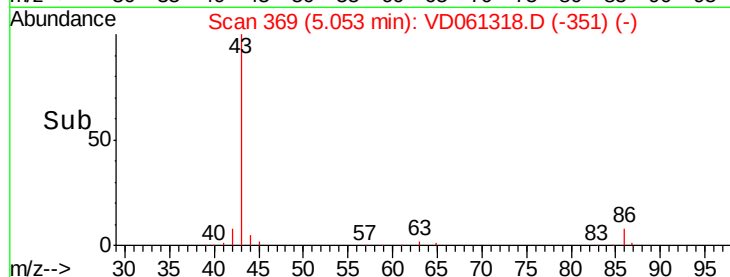
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 24.262 ug/l

RT: 4.98 min Scan# 362

Delta R.T. -0.01 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

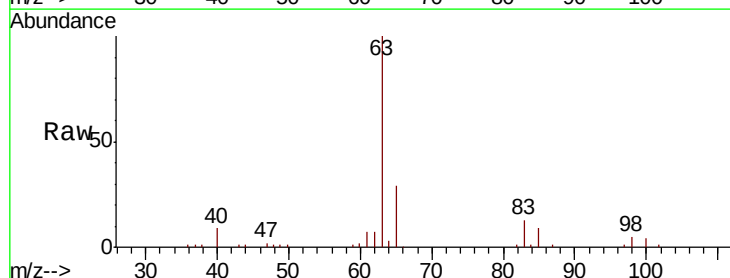
Tgt Ion: 63 Resp: 243958

Ion Ratio Lower Upper

63 100

98 5.0 2.8 8.3

100 3.5 1.6 4.8



Abundance Ion 62.95 (62.65 to 63.65): VD061318.D (-354) (-)

Ion 97.95 (97.65 to 98.65): VD061318.D (-354) (-)

Ion 99.95 (99.65 to 100.65): VD061318.D (-354) (-)

4.98

80000

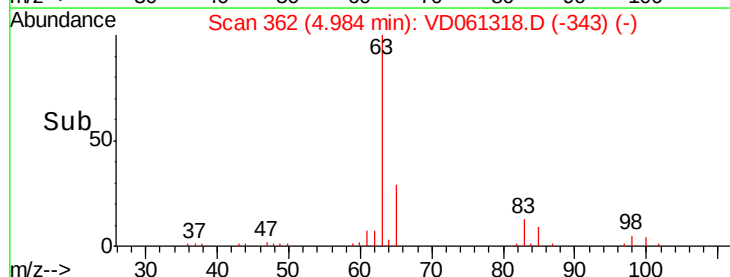
60000

40000

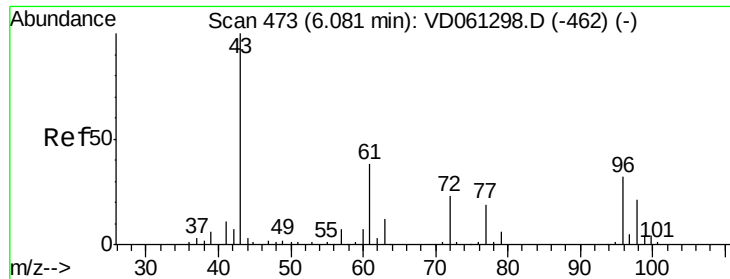
20000

0

Time-->







#25

2-Butanone

Concen: 119.956 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.01 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

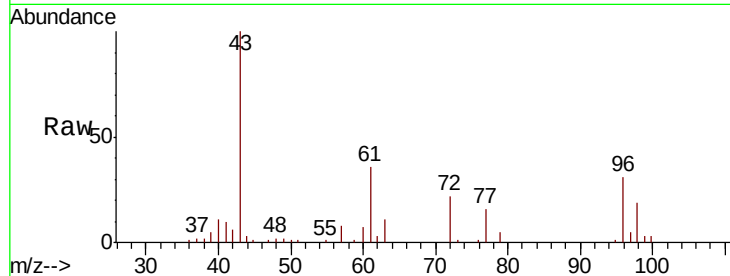
VD0325SBS02

Tot Ion: 43 Resp: 171248

Ion Ratio Lower Upper

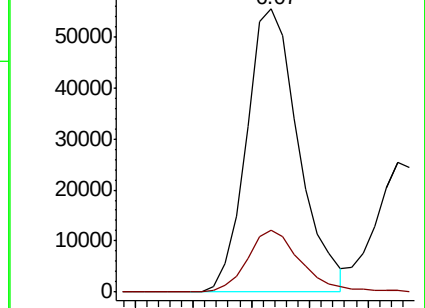
43 100

72 21.7 18.5 27.7

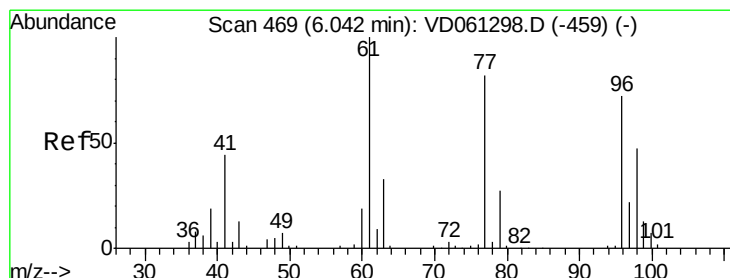
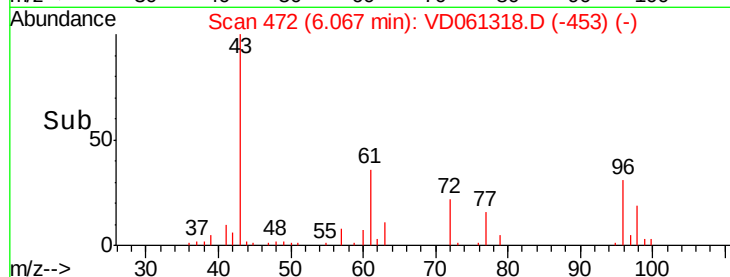


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#26

2,2-Dichloropropane

Concen: 20.366 ug/l

RT: 6.02 min Scan# 467

Delta R.T. -0.02 min

Lab File: VD061318.D

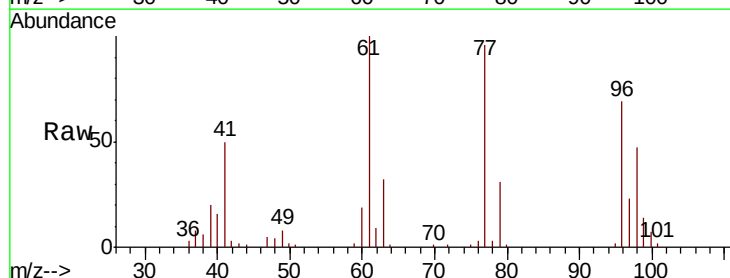
Acq: 26 Mar 2019 1:04

Tgt Ion: 77 Resp: 173885

Ion Ratio Lower Upper

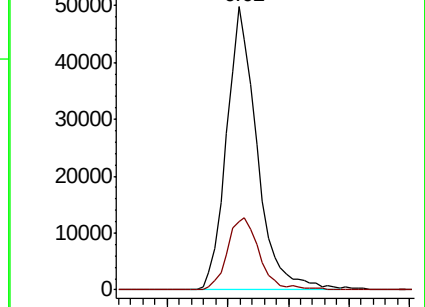
77 100

97 24.1 13.5 40.5

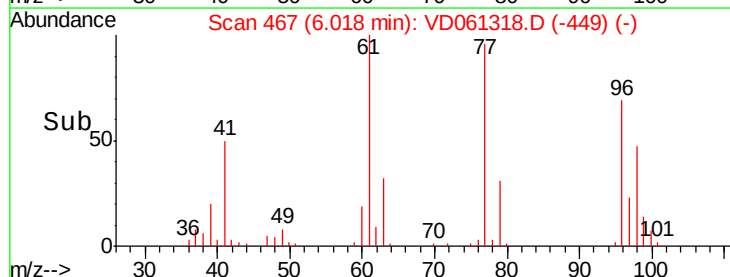


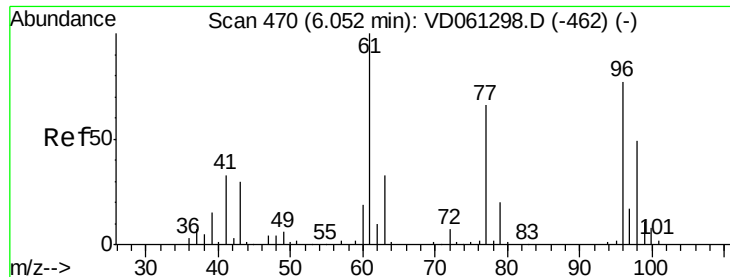
Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



Time-->





#27

cis-1,2-Dichloroethene

Concen: 24.366 ug/l

RT: 6.04 min Scan# 469

Delta R.T. -0.01 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0325SBSD02

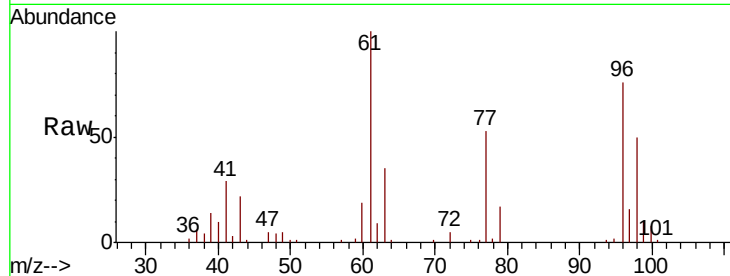
Tot Ion: 96 Resp: 169372

Ion Ratio Lower Upper

96 100

61 131.5 0.0 261.0

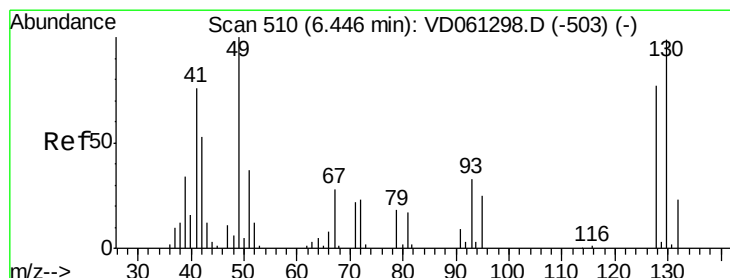
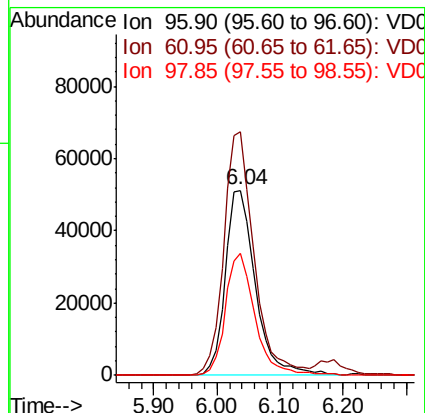
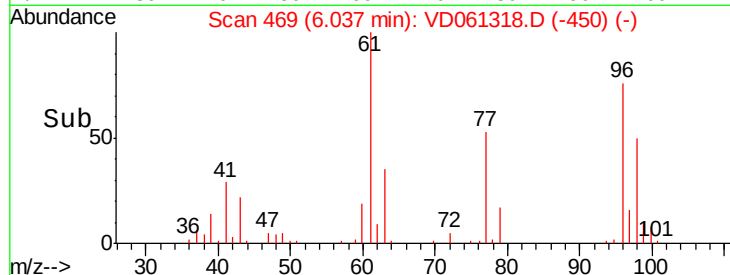
98 66.0 0.0 127.6



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: 24.105 ug/l

RT: 6.43 min Scan# 509

Delta R.T. -0.01 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

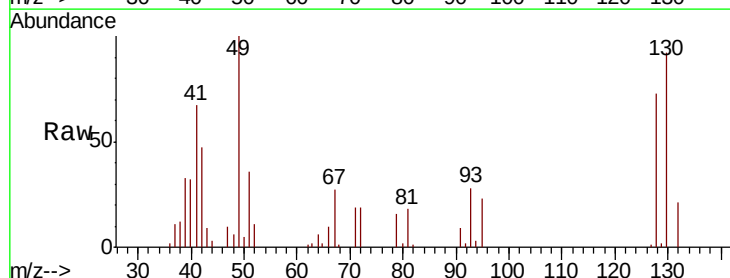
Tgt Ion: 49 Resp: 101450

Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

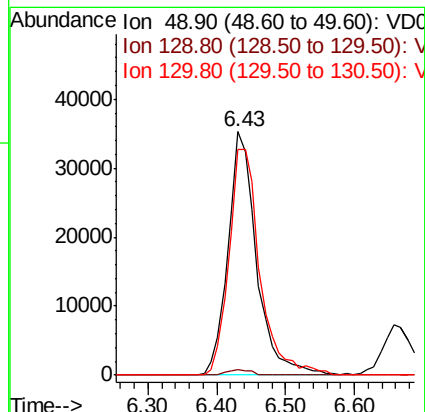
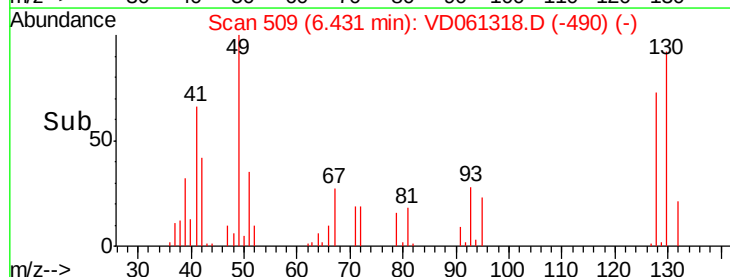
130 92.5 79.0 118.6

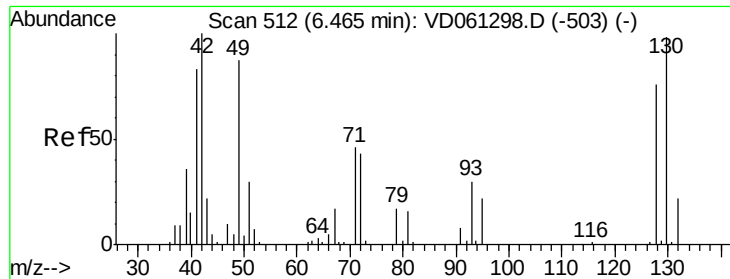


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

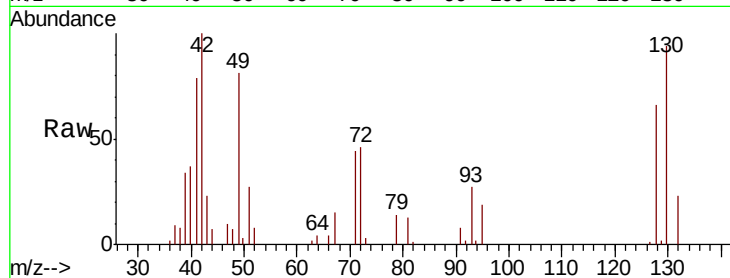




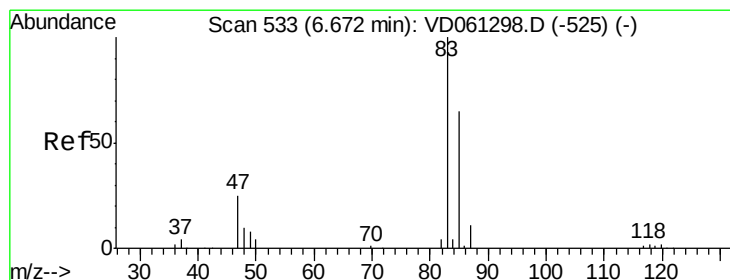
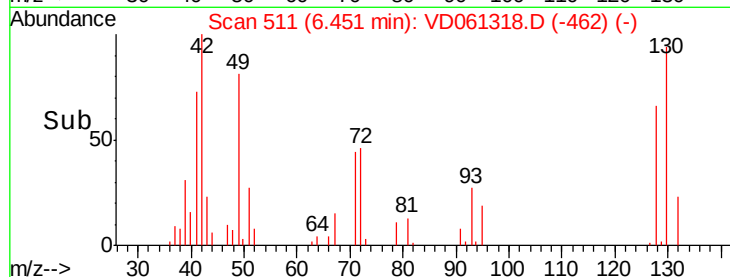
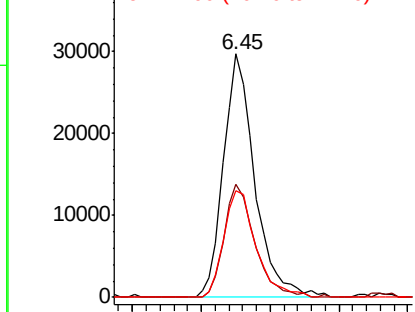
#29  
Tetrahydrofuran  
Concen: 131.394 ug/l  
RT: 6.45 min Scan# 511  
Delta R.T. -0.01 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBS02

Tot Ion: 42 Resp: 93366  
Ion Ratio Lower Upper  
42 100  
72 45.3 36.6 54.8  
71 45.1 36.3 54.5

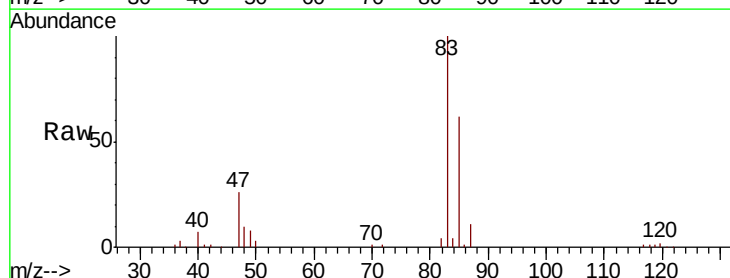


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

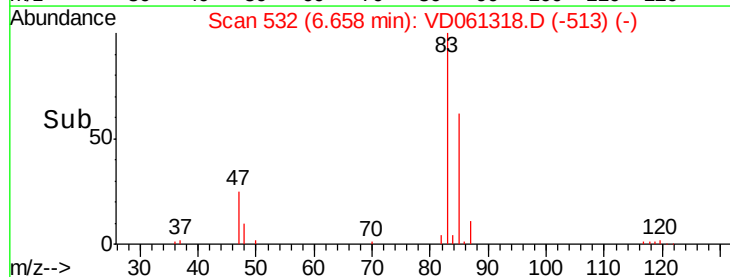
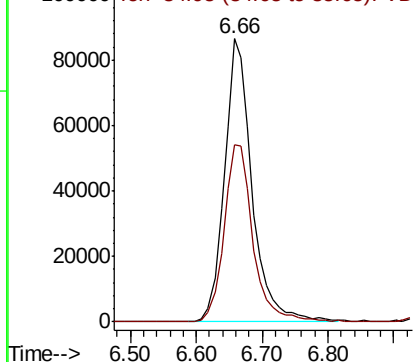


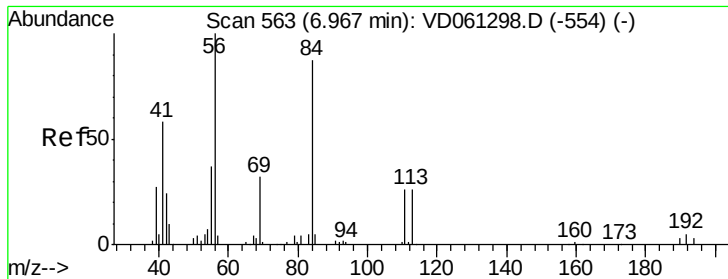
#30  
Chloroform  
Concen: 23.546 ug/l  
RT: 6.66 min Scan# 532  
Delta R.T. -0.01 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Tgt Ion: 83 Resp: 252299  
Ion Ratio Lower Upper  
83 100  
85 62.4 52.2 78.2



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

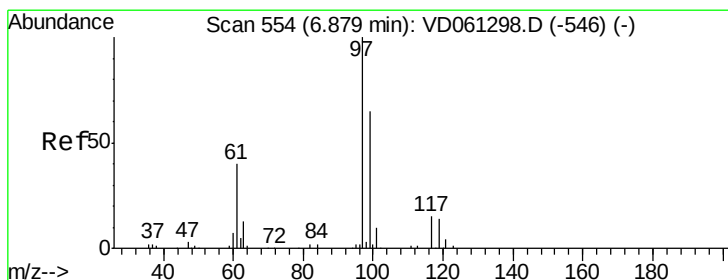
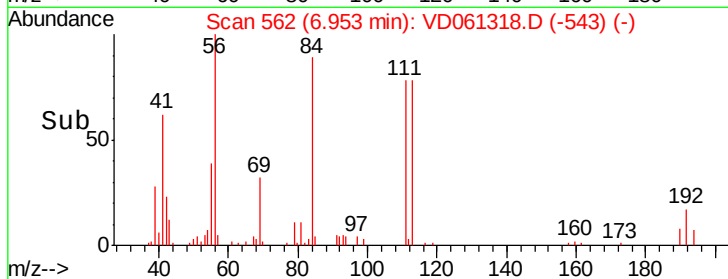
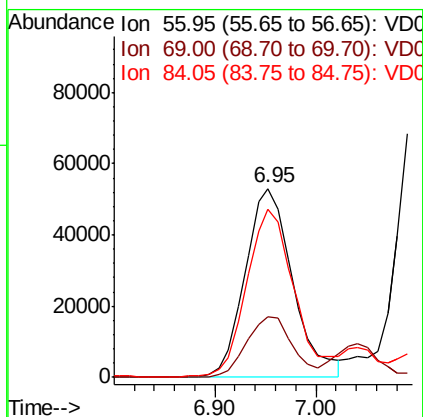
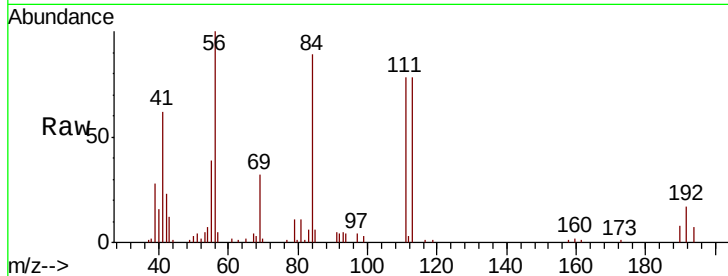




#31  
Cyclohexane  
Concen: 21.356 ug/l  
RT: 6.95 min Scan# 562  
Delta R.T. -0.01 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

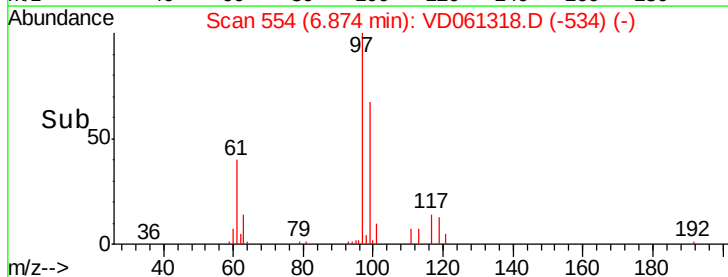
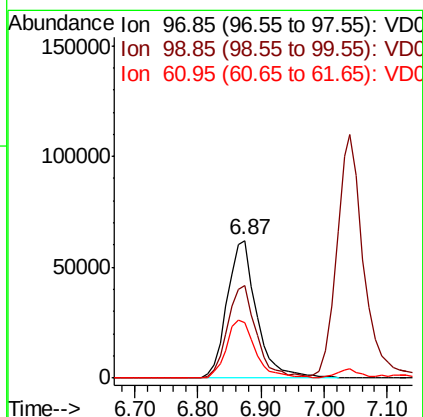
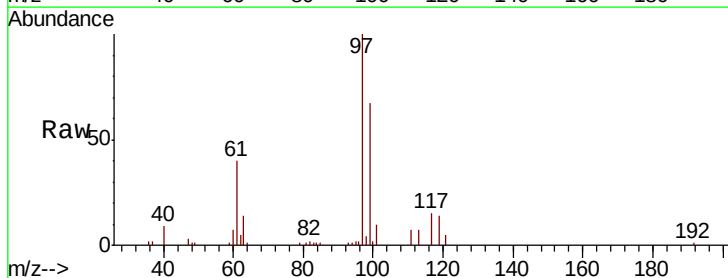
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBSD02

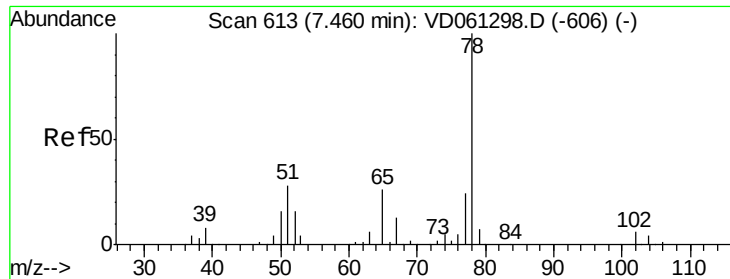
Tot Ion: 56 Resp: 174286  
Ion Ratio Lower Upper  
56 100  
69 32.3 25.5 38.3  
84 88.5 71.4 107.2



#32  
1,1,1-Trichloroethane  
Concen: 21.162 ug/l  
RT: 6.87 min Scan# 554  
Delta R.T. -0.00 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Tgt Ion: 97 Resp: 200821  
Ion Ratio Lower Upper  
97 100  
99 66.9 51.8 77.6  
61 40.1 31.9 47.9

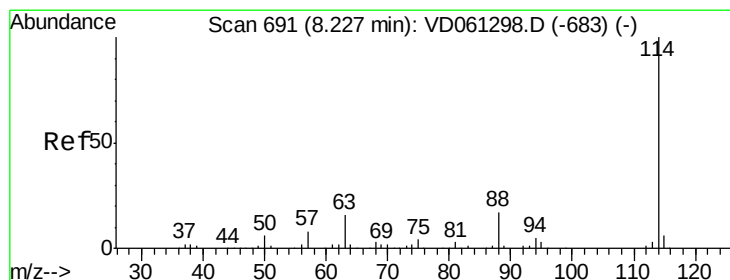
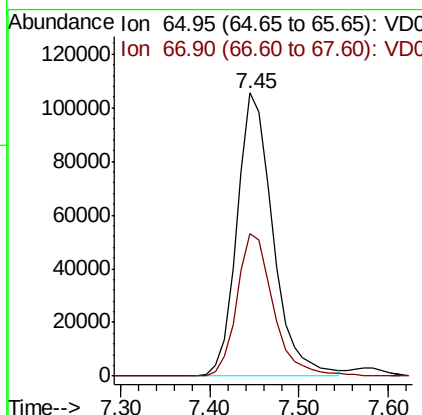
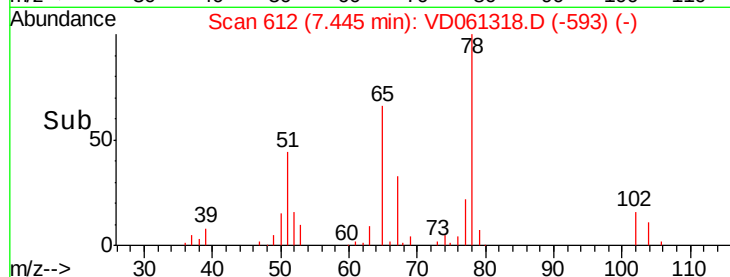
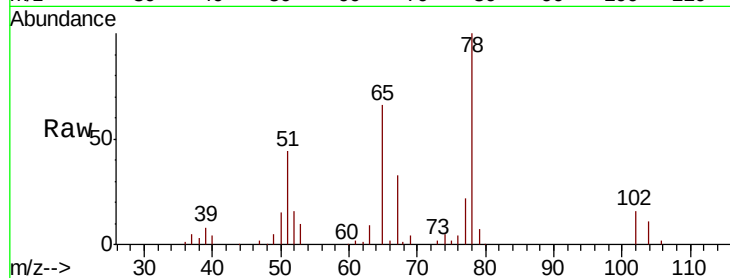




#33  
 1,2-Dichloroethane-d4  
 Concen: 21.162 ug/l  
 RT: 7.45 min Scan# 612  
 Delta R.T. -0.01 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

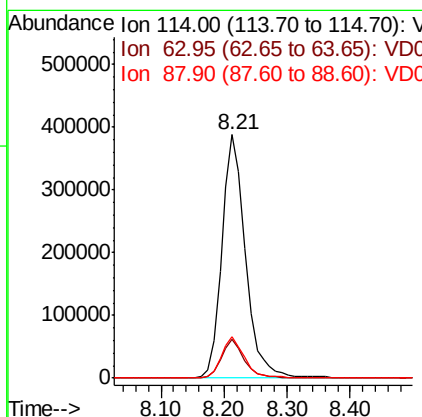
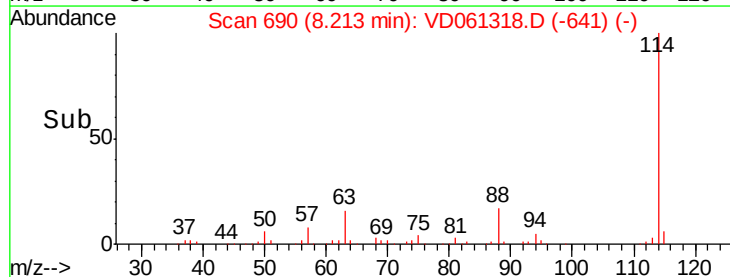
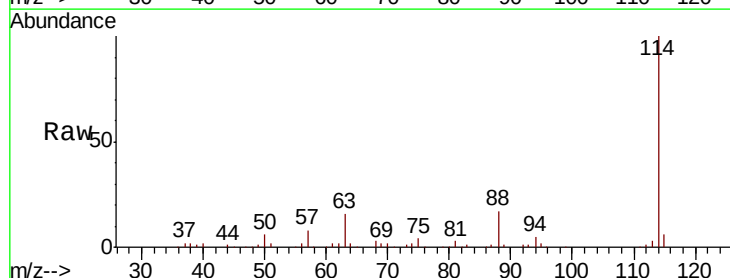
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBSD02

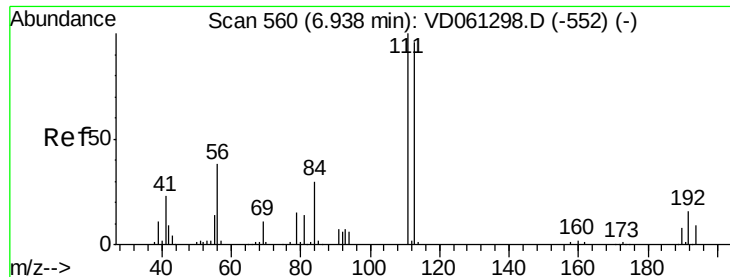
Tot Ion: 65 Resp: 294785  
 Ion Ratio Lower Upper  
 65 100  
 67 50.2 0.0 100.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.21 min Scan# 690  
 Delta R.T. -0.01 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Tgt Ion: 114 Resp: 1010115  
 Ion Ratio Lower Upper  
 114 100  
 63 15.9 0.0 31.4  
 88 16.8 0.0 33.2

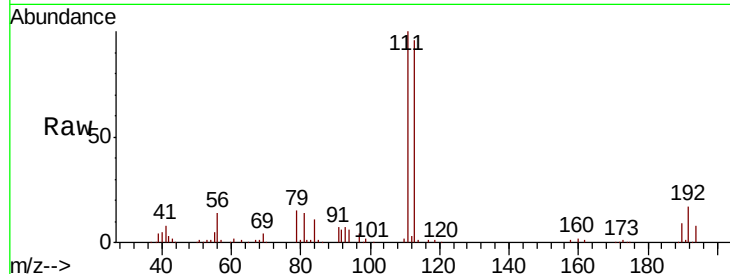




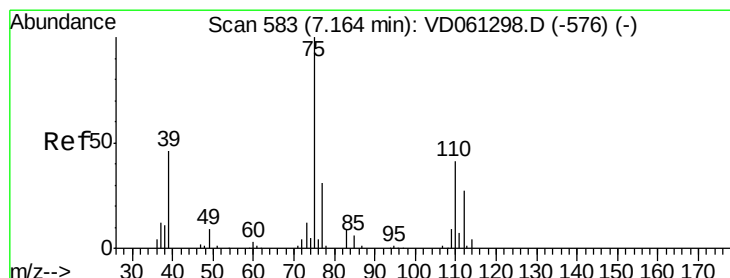
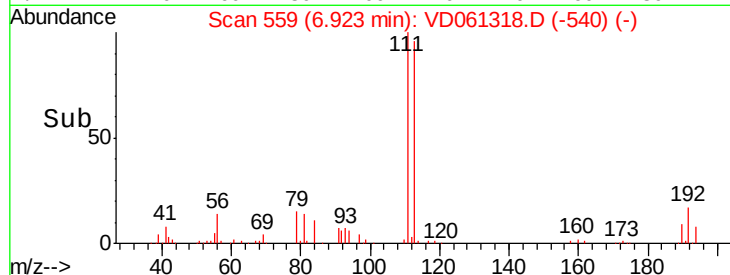
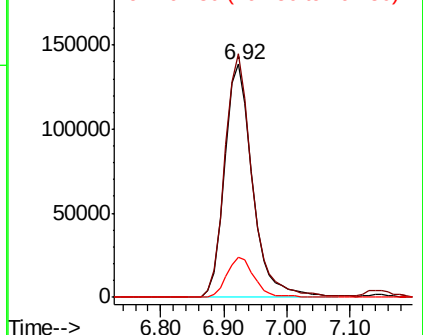
#35  
Dibromofluoromethane  
Concen: 50.000 ug/l  
RT: 6.92 min Scan# 559  
Delta R.T. -0.01 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBSD02

Tot Ion:113 Resp: 426195  
Ion Ratio Lower Upper  
113 100  
111 104.6 83.7 125.5  
192 17.3 13.4 20.0

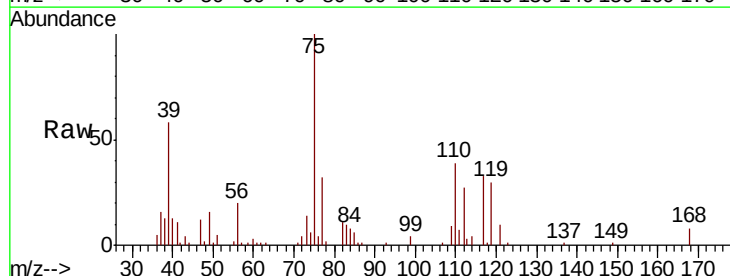


Abundance Ion 112.90 (112.60 to 113.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 191.80 (191.50 to 192.50): V

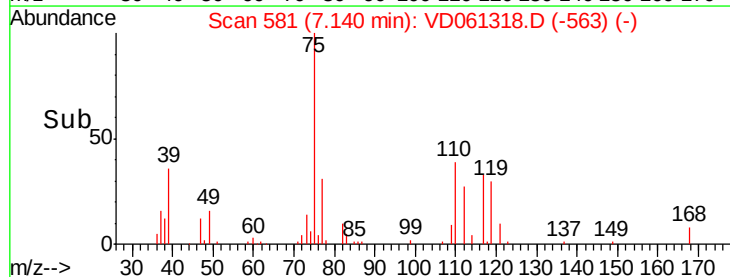
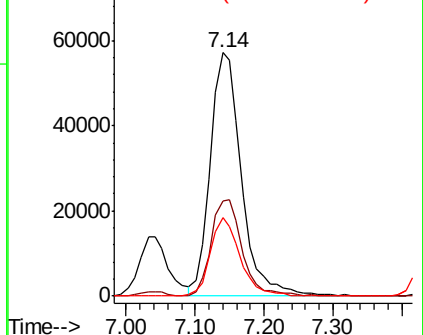


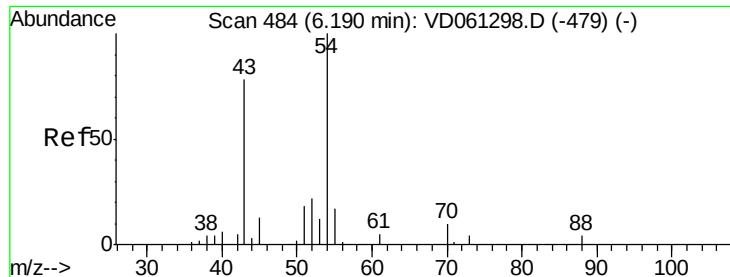
#36  
1,1-Dichloropropene  
Concen: 21.668 ug/l  
RT: 7.14 min Scan# 581  
Delta R.T. -0.02 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Tgt Ion: 75 Resp: 179075  
Ion Ratio Lower Upper  
75 100  
110 39.1 20.1 60.2  
77 32.2 24.3 36.5



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

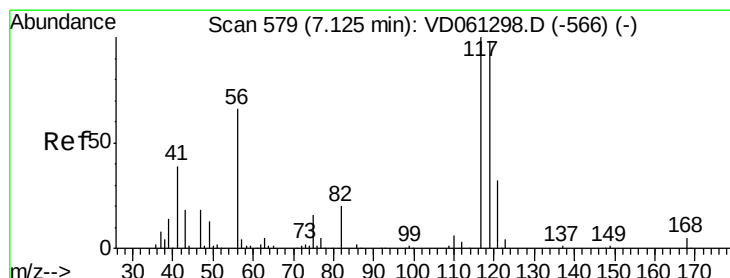
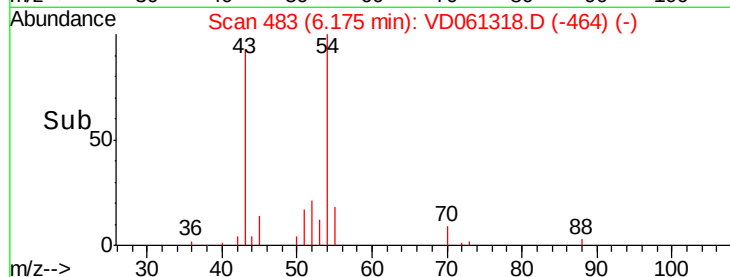
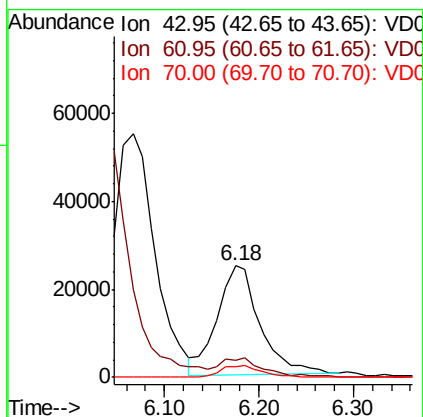
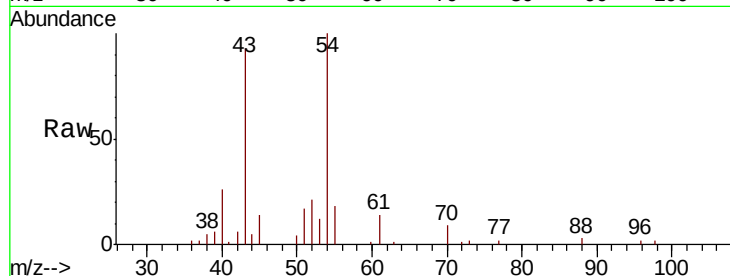




#37  
Ethyl Acetate  
Concen: 22.764 ug/l  
RT: 6.18 min Scan# 483  
Delta R.T. -0.01 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

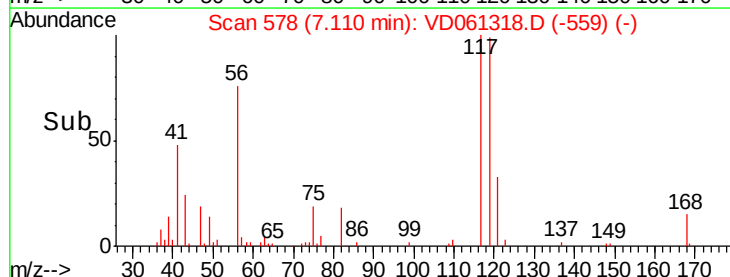
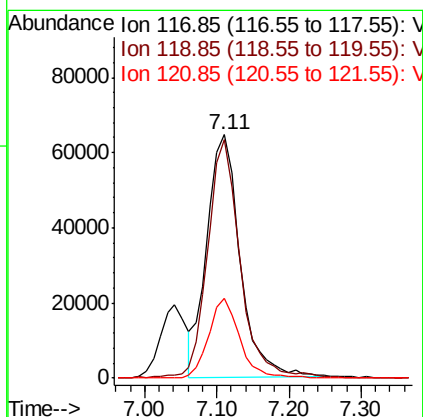
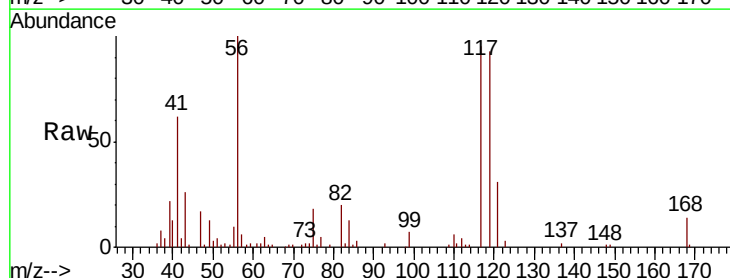
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBS02

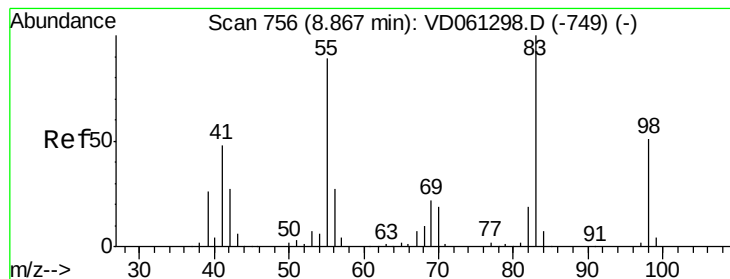
Tot Ion: 43 Resp: 78578  
Ion Ratio Lower Upper  
43 100  
61 14.8 12.6 19.0  
70 9.3 8.2 12.4



#38  
Carbon Tetrachloride  
Concen: 21.826 ug/l  
RT: 7.11 min Scan# 578  
Delta R.T. -0.01 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Tgt Ion: 117 Resp: 206162  
Ion Ratio Lower Upper  
117 100  
119 97.9 78.4 117.6  
121 32.6 25.1 37.7





#39

Methylvlcyclohexane

Concen: 22.854 ug/l

RT: 8.86 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0325SBS02

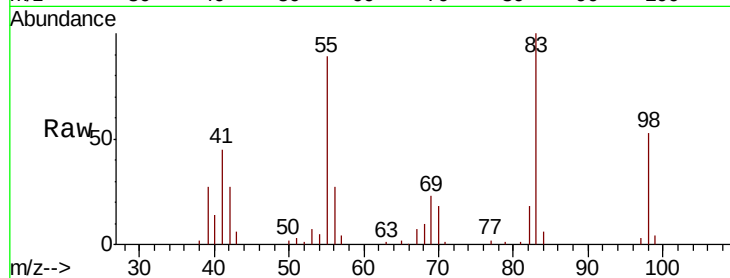
Tot Ion: 83 Resp: 195610

Ion Ratio Lower Upper

83 100

55 89.2 71.3 106.9

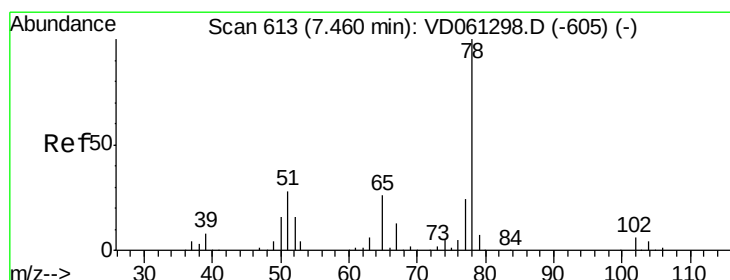
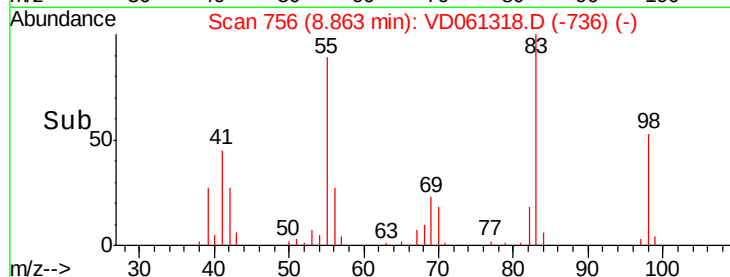
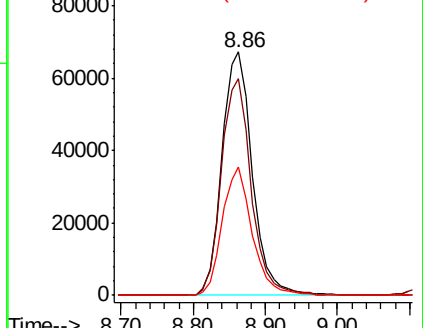
98 52.9 40.4 60.6



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: 23.692 ug/l

RT: 7.45 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD061318.D

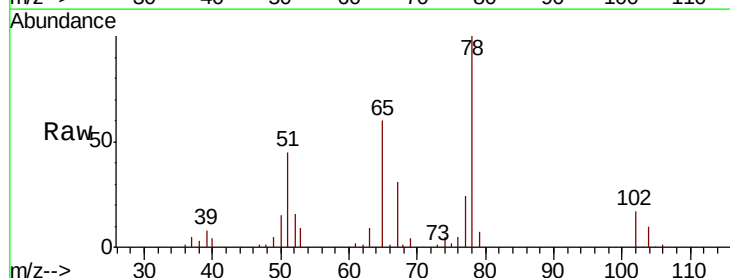
Acq: 26 Mar 2019 1:04

Tgt Ion: 78 Resp: 486276

Ion Ratio Lower Upper

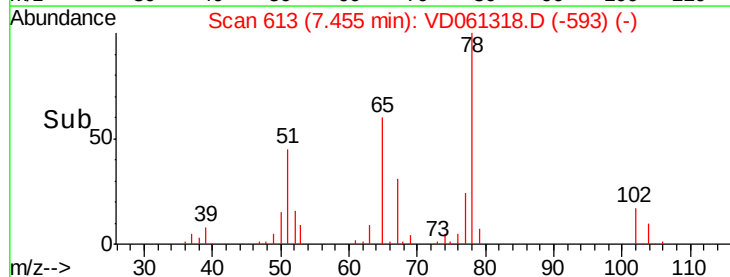
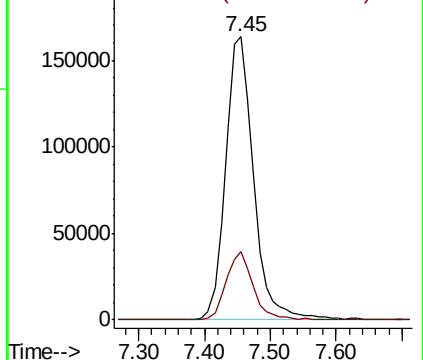
78 100

77 24.4 18.8 28.2

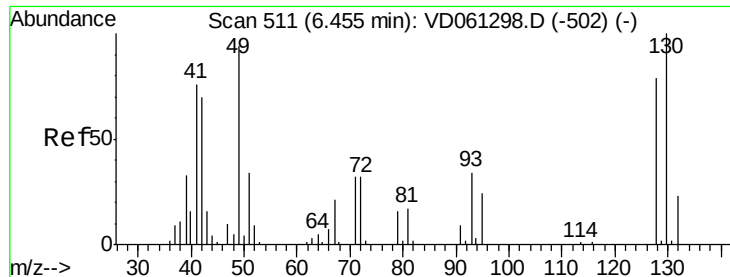


Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



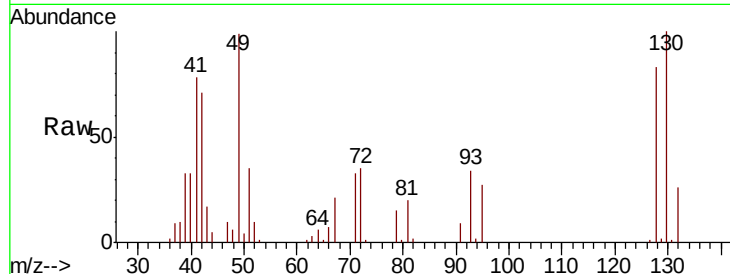




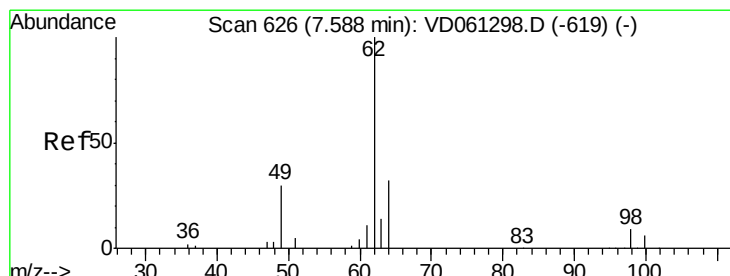
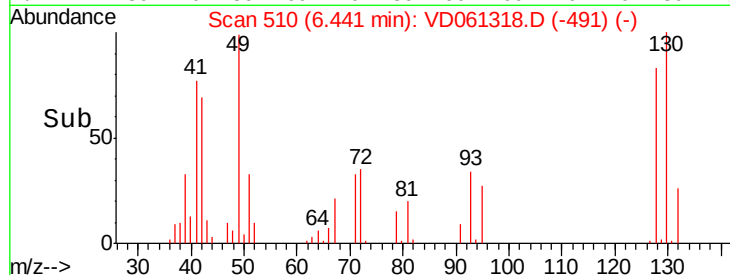
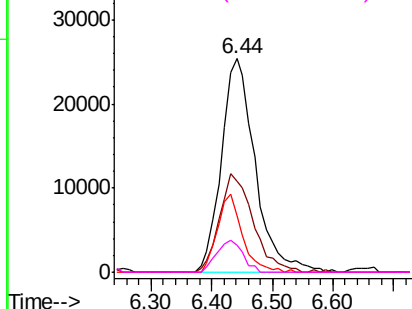
#41  
Methacrylonitrile  
Concen: 24.553 ug/l  
RT: 6.44 min Scan# 510  
Delta R.T. -0.01 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBSD02

Tot Ion: 41 Resp: 98489  
Ion Ratio Lower Upper  
41 100  
39 42.3 34.2 51.2  
67 26.6 21.8 32.6  
52 12.5 9.0 13.4

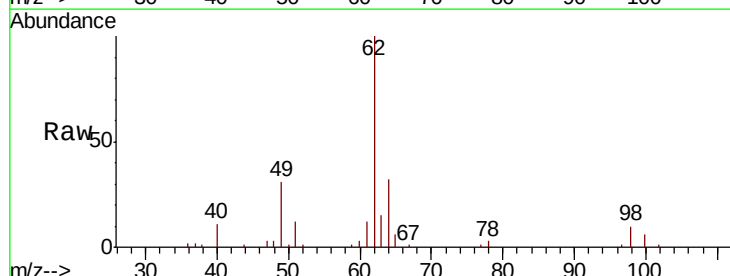


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

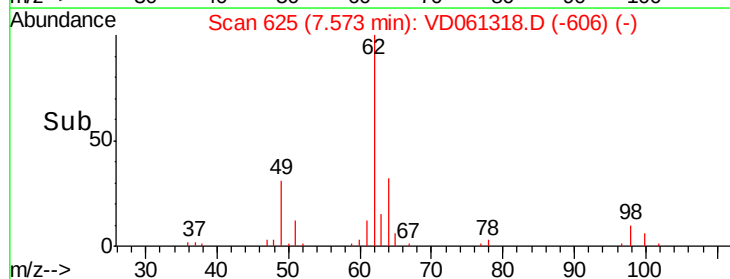
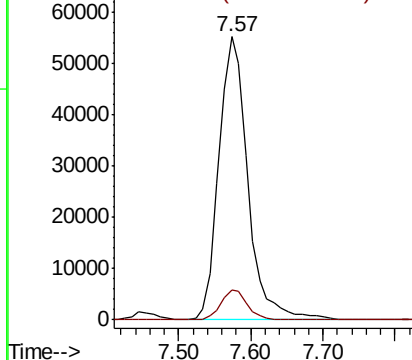


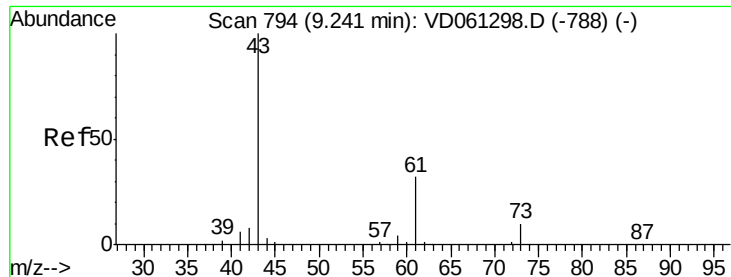
#42  
1,2-Dichloroethane  
Concen: 23.917 ug/l  
RT: 7.57 min Scan# 625  
Delta R.T. -0.01 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Tgt Ion: 62 Resp: 152993  
Ion Ratio Lower Upper  
62 100  
98 10.4 0.0 18.6



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





#43

Isopropyl Acetate

Concen: 25.956 ug/l

RT: 9.24 min Scan# 794

Delta R.T. -0.00 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0325SBSD02

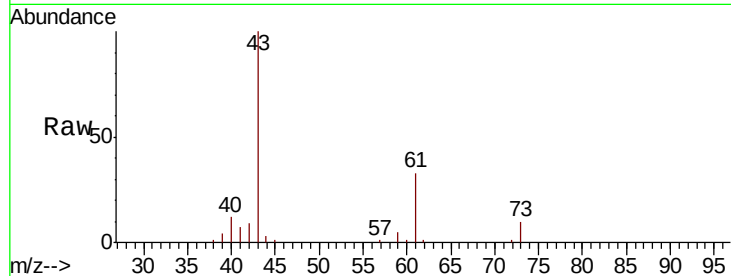
Tot Ion: 43 Resp: 129186

Ion Ratio Lower Upper

43 100

61 32.8 25.8 38.8

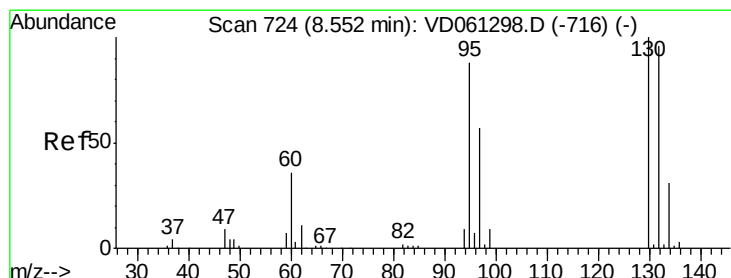
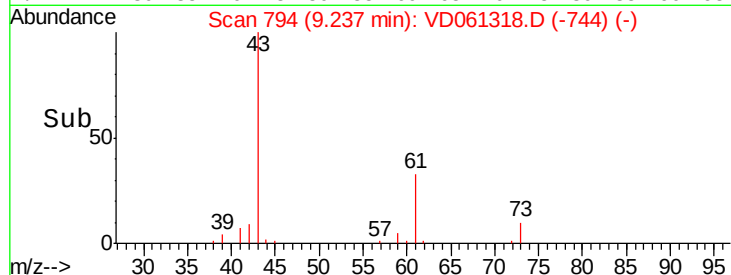
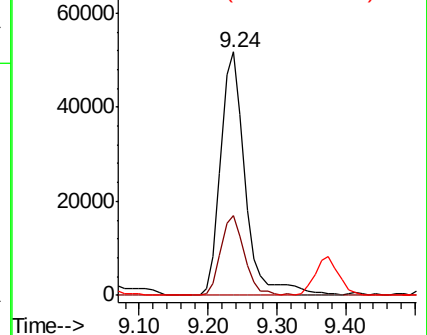
87 0.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 24.408 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: VD061318.D

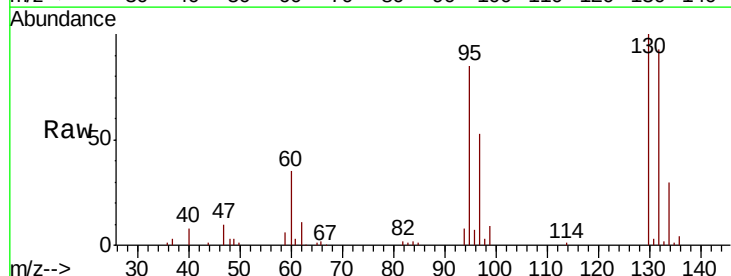
Acq: 26 Mar 2019 1:04

Tgt Ion:130 Resp: 181181

Ion Ratio Lower Upper

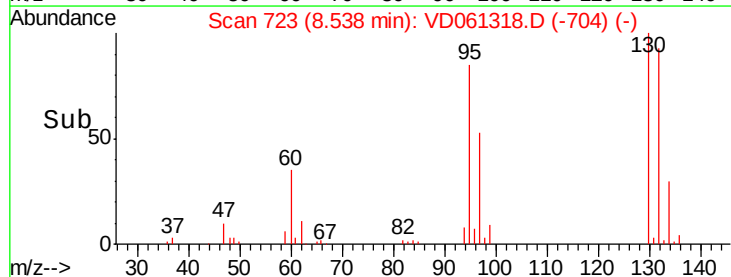
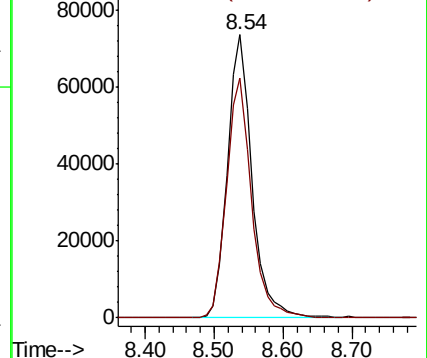
130 100

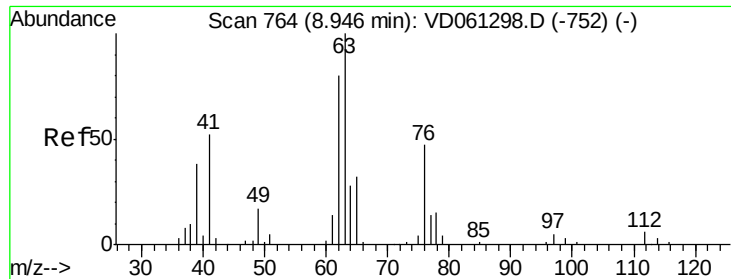
95 84.6 0.0 175.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

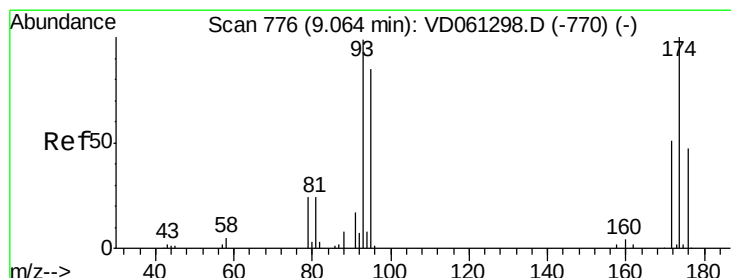
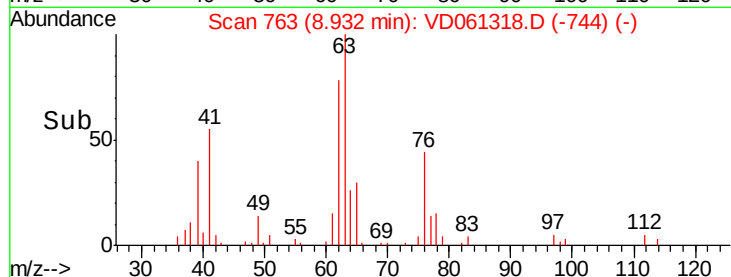
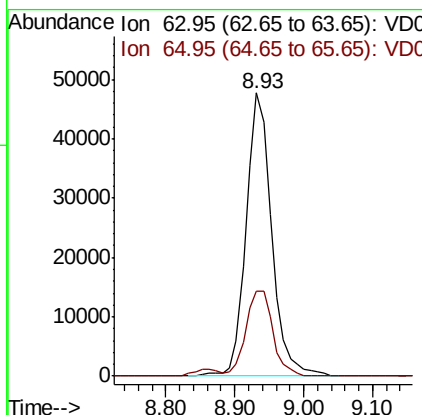
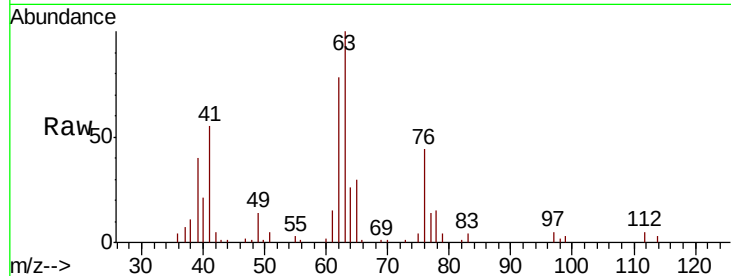




#45  
 1,2-Dichloropropane  
 Concen: 24.288 ug/l  
 RT: 8.93 min Scan# 763  
 Delta R.T. -0.01 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

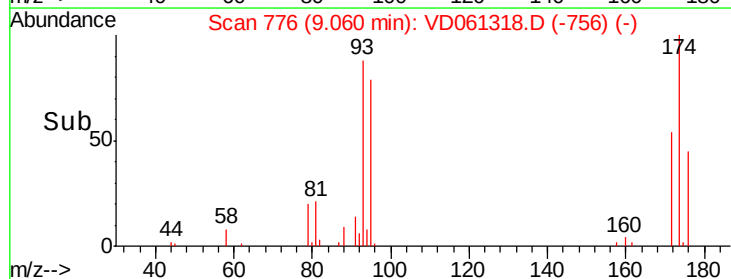
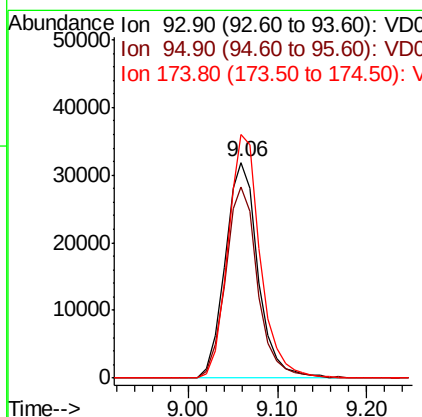
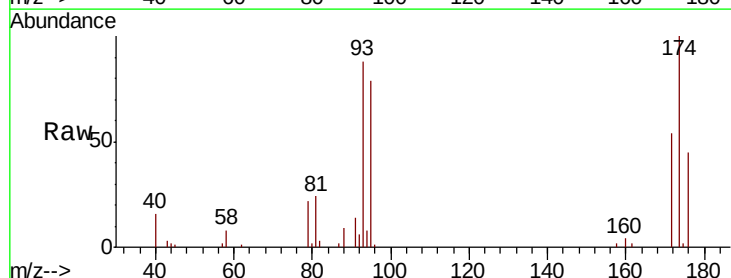
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBS02

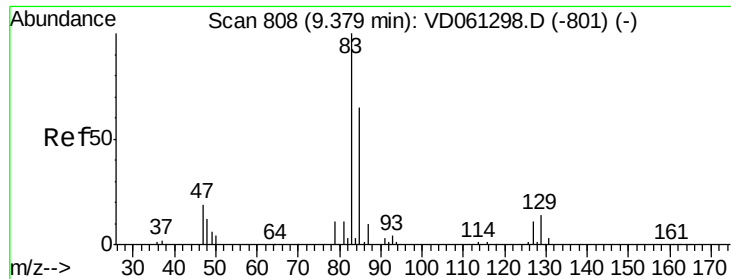
Tot Ion: 63 Resp: 123039  
 Ion Ratio Lower Upper  
 63 100  
 65 30.0 25.2 37.8



#46  
 Dibromomethane  
 Concen: 23.688 ug/l  
 RT: 9.06 min Scan# 776  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Tgt Ion: 93 Resp: 82253  
 Ion Ratio Lower Upper  
 93 100  
 95 88.9 68.1 102.1  
 174 113.0 80.4 120.6





#47

Bromodichloromethane

Concen: 23.535 ug/l

RT: 9.37 min Scan# 808

Delta R.T. -0.00 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0325SBS02

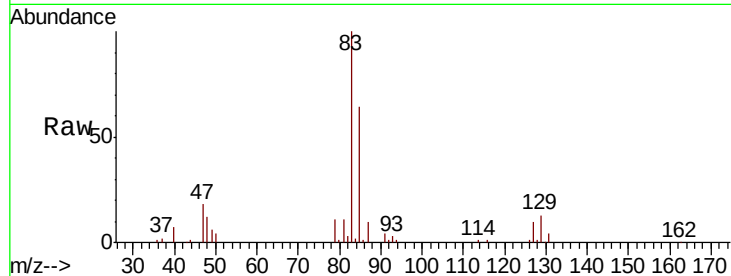
Tot Ion: 83 Resp: 191543

Ion Ratio Lower Upper

83 100

85 64.1 51.7 77.5

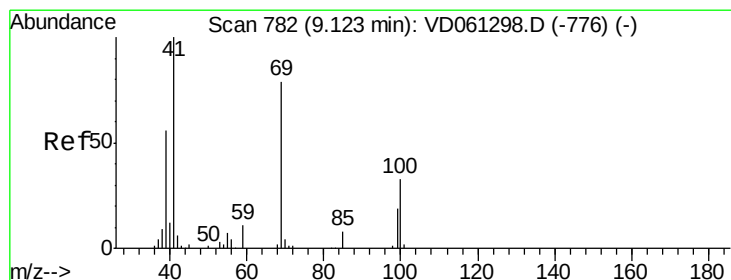
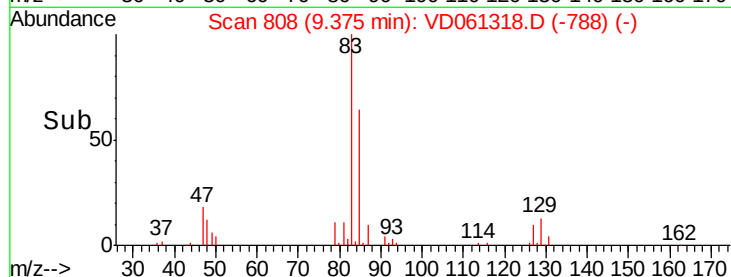
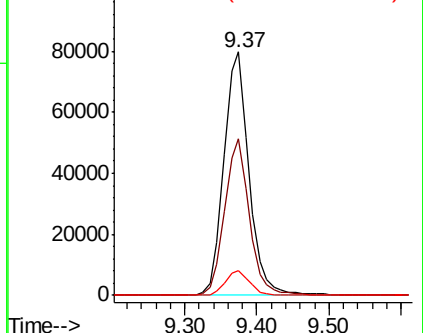
127 10.0 8.8 13.2



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: 25.682 ug/l

RT: 9.12 min Scan# 782

Delta R.T. -0.00 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

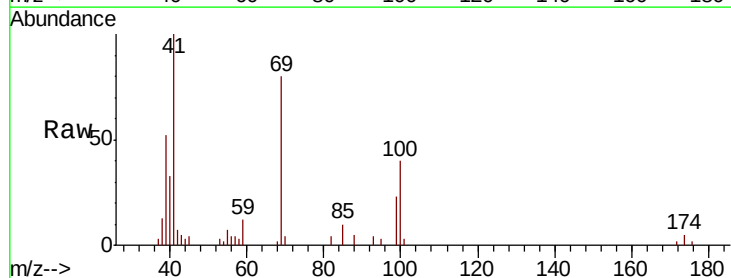
Tgt Ion: 41 Resp: 68225

Ion Ratio Lower Upper

41 100

69 80.0 62.4 93.6

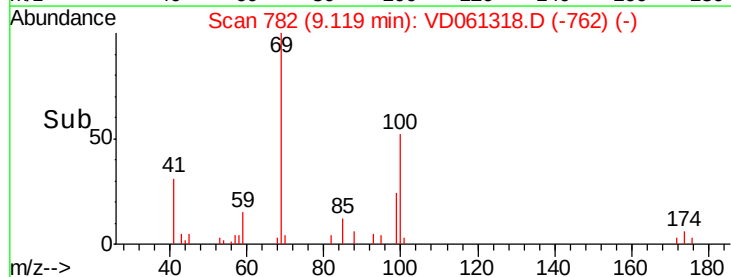
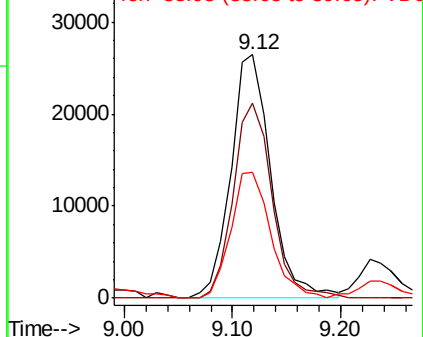
39 51.9 44.9 67.3

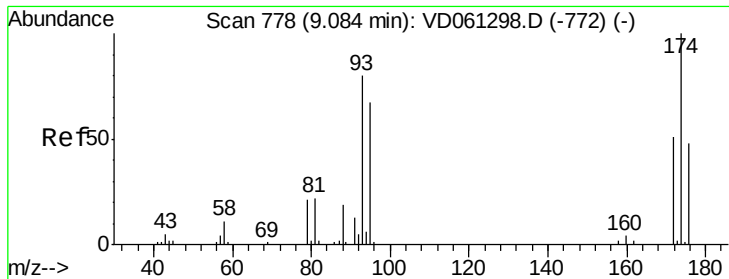


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 553.981 ug/l

RT: 9.07 min Scan# 777

Delta R.T. -0.01 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0325SBS02

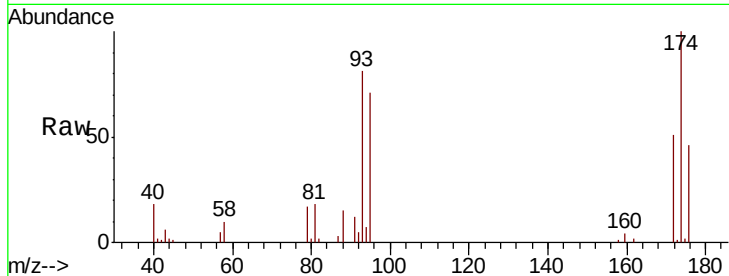
Tot Ion: 88 Resp: 16147

Ion Ratio Lower Upper

88 100

43 37.1 20.7 31.1#

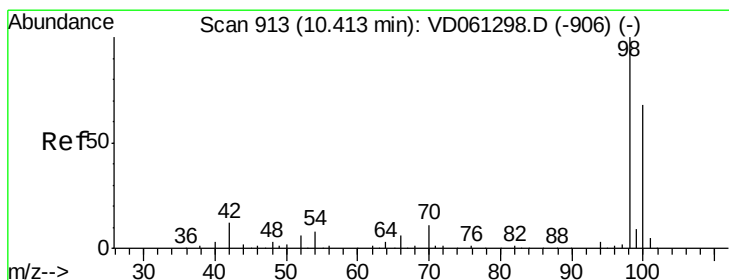
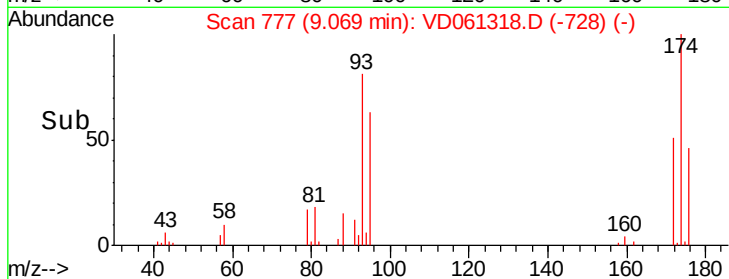
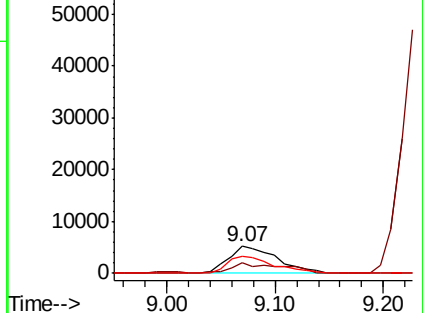
58 63.1 44.9 67.3



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: 553.981 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD061318.D

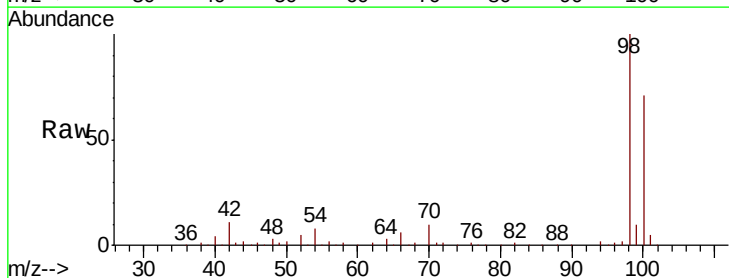
Acq: 26 Mar 2019 1:04

Tgt Ion: 98 Resp: 1099148

Ion Ratio Lower Upper

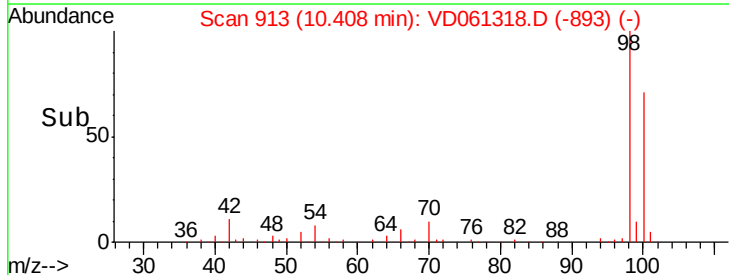
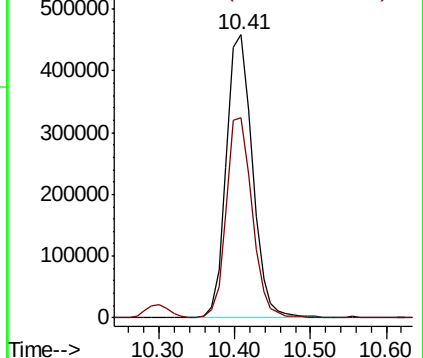
98 100

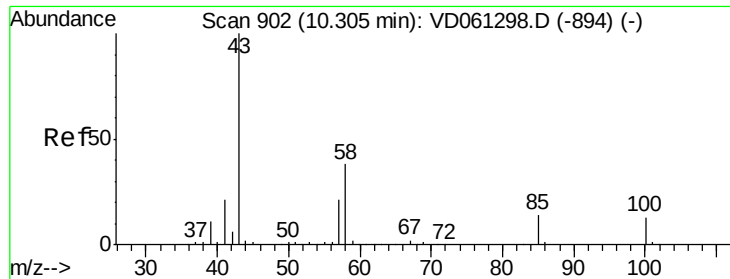
100 70.9 55.4 83.0



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: 128.992 ug/l

RT: 10.30 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

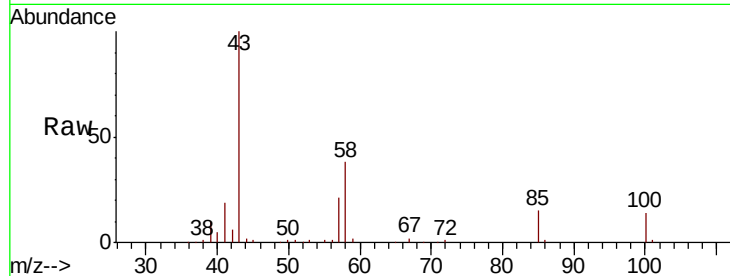
VD0325SBS02

Tot Ion: 43 Resp: 382190

Ion Ratio Lower Upper

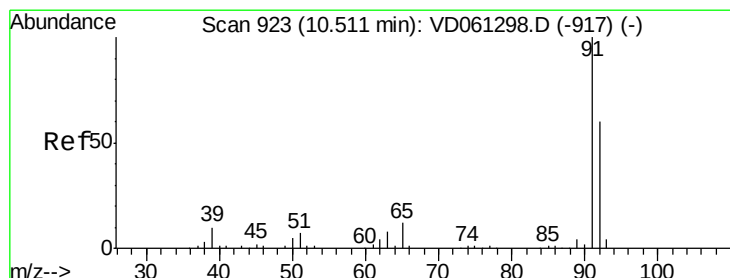
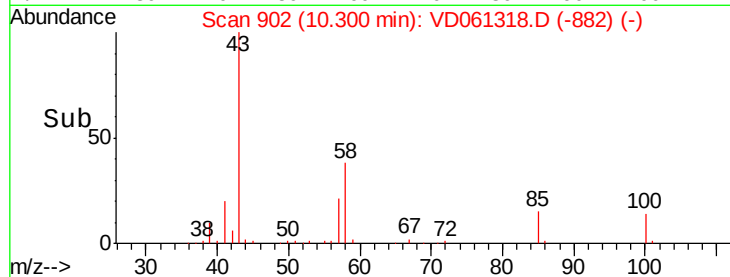
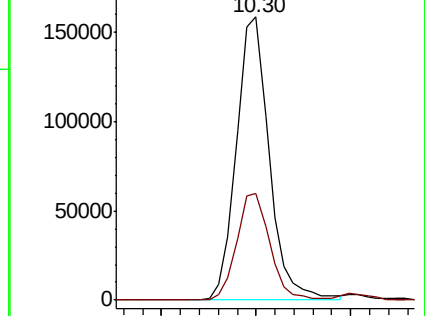
43 100

58 37.7 30.6 45.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 23.837 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: VD061318.D

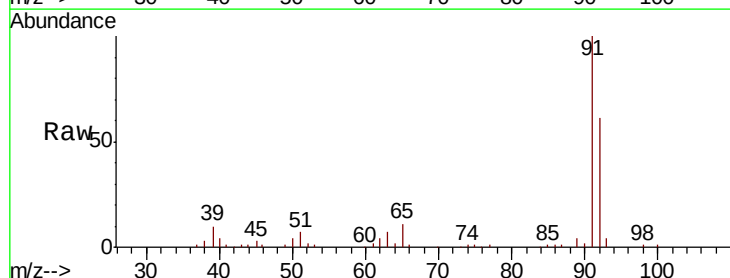
Acq: 26 Mar 2019 1:04

Tgt Ion: 92 Resp: 299357

Ion Ratio Lower Upper

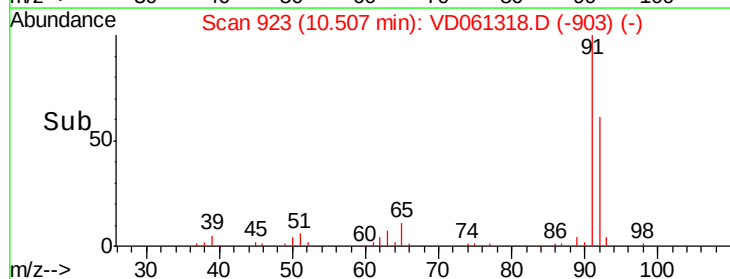
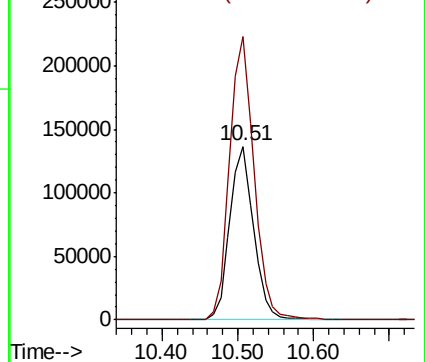
92 100

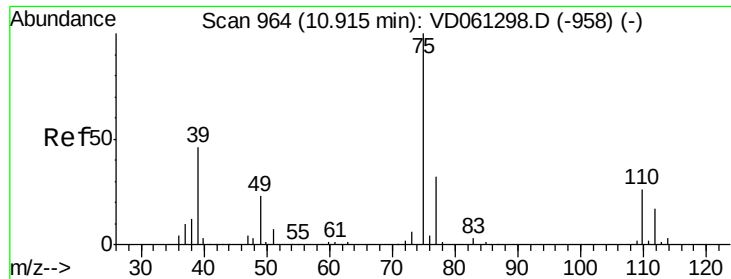
91 163.2 133.1 199.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

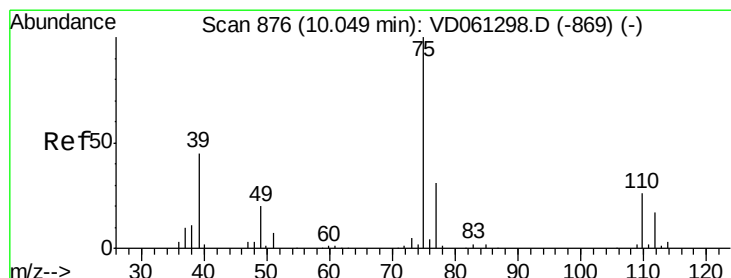
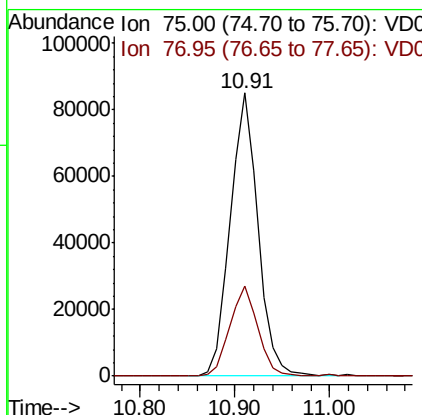
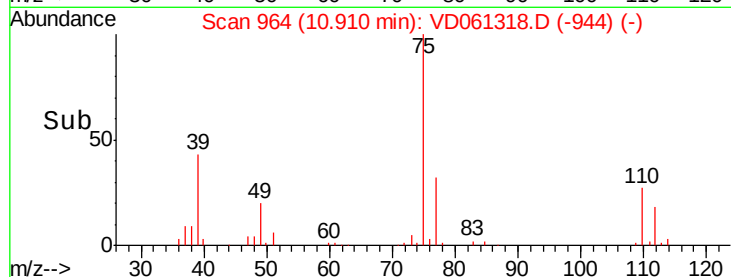
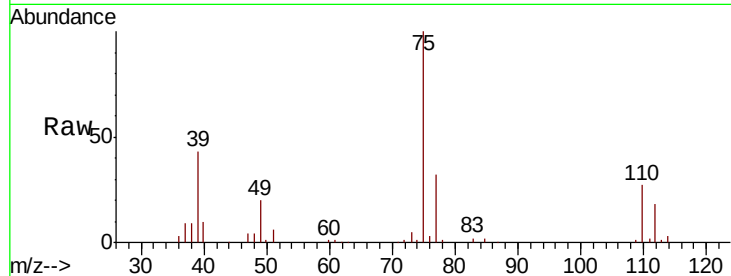




#53  
 t-1,3-Dichloropropene  
 Concen: 24.475 ug/l  
 RT: 10.91 min Scan# 964  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

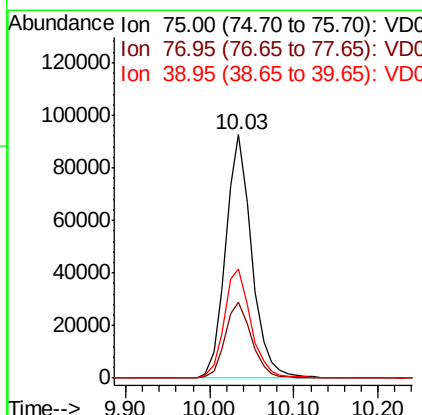
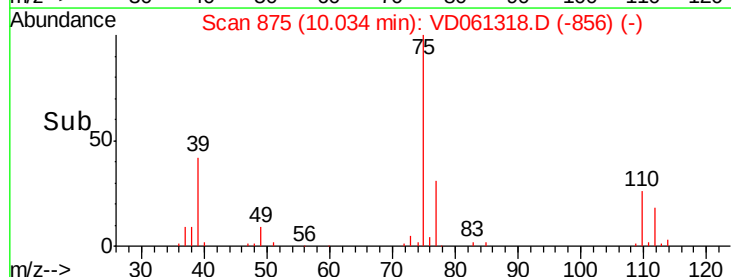
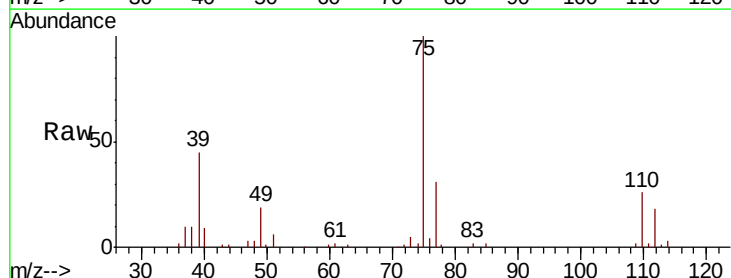
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBSD02

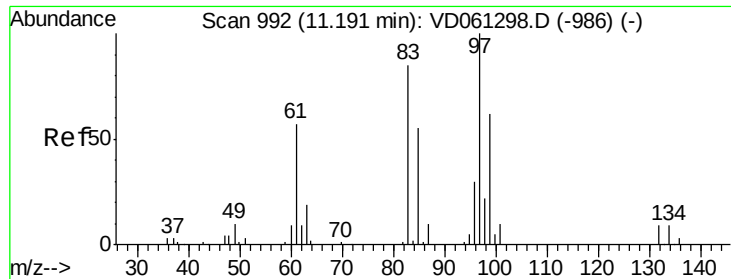
Tot Ion: 75 Resp: 173112  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.8 38.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 23.028 ug/l  
 RT: 10.03 min Scan# 875  
 Delta R.T. -0.01 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Tgt Ion: 75 Resp: 198893  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 24.9 37.3  
 39 44.7 36.0 54.0

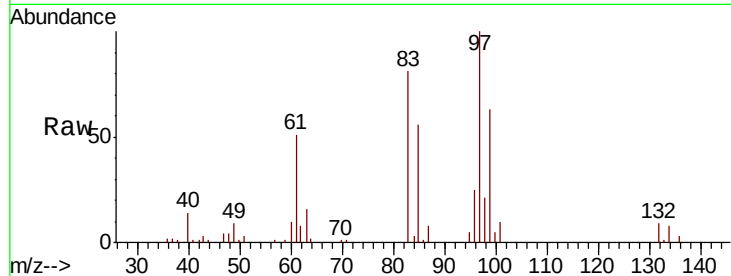




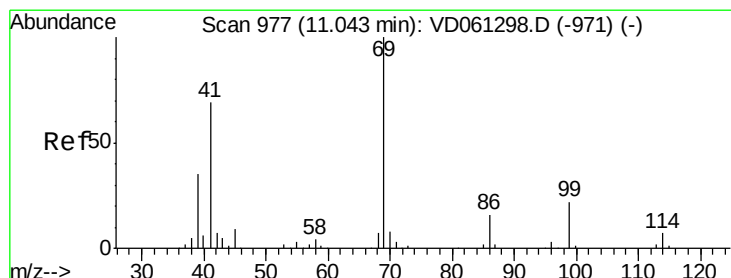
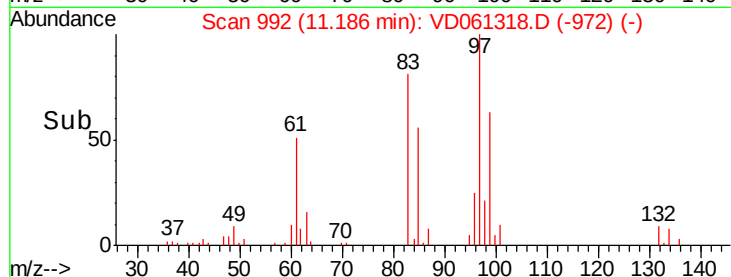
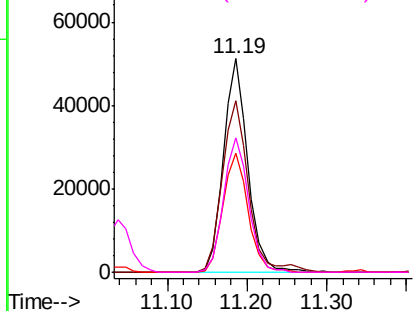
#55  
 1,1,2-Trichloroethane  
 Concen: 26.438 ug/l  
 RT: 11.19 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBSD02

Tot Ion: 97 Resp: 110232  
 Ion Ratio Lower Upper  
 97 100  
 83 80.6 67.7 101.5  
 85 55.5 43.8 65.8  
 99 63.0 49.8 74.6

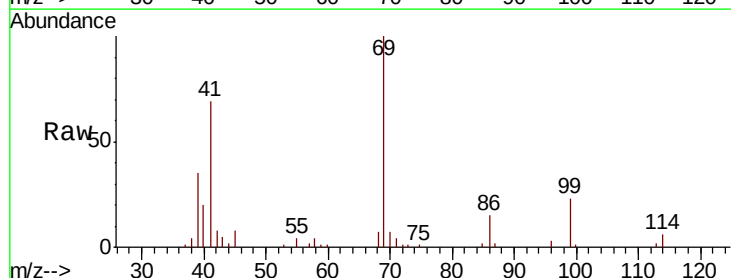


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

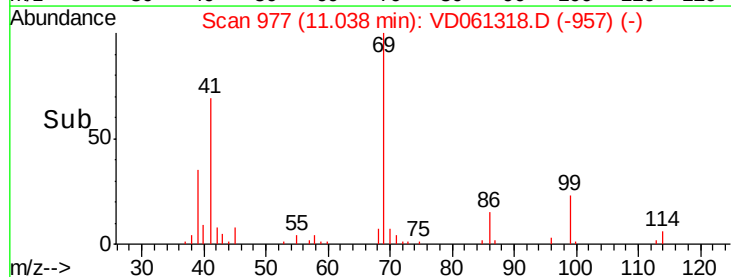
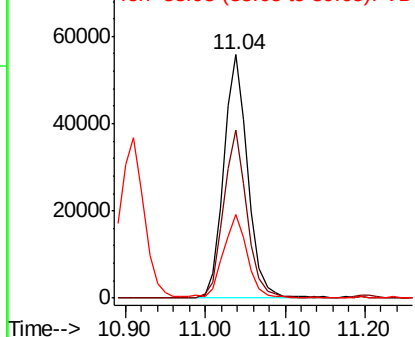


#56  
 Ethyl methacrylate  
 Concen: 26.591 ug/l  
 RT: 11.04 min Scan# 977  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

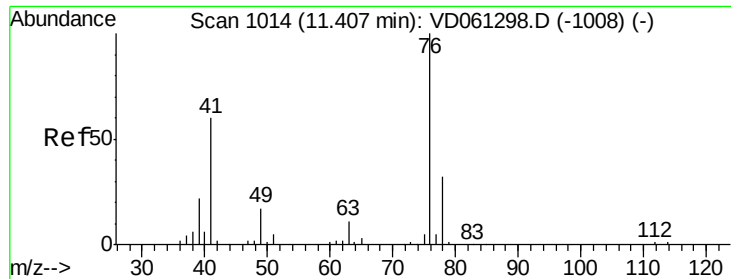
Tgt Ion: 69 Resp: 118309  
 Ion Ratio Lower Upper  
 69 100  
 41 68.9 54.9 82.3  
 39 34.6 28.5 42.7



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



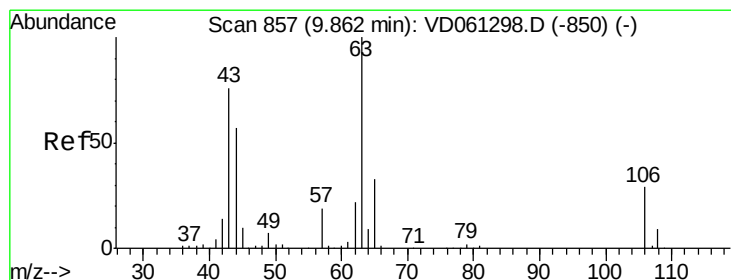
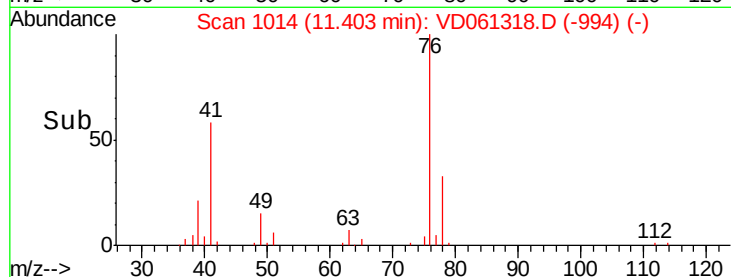
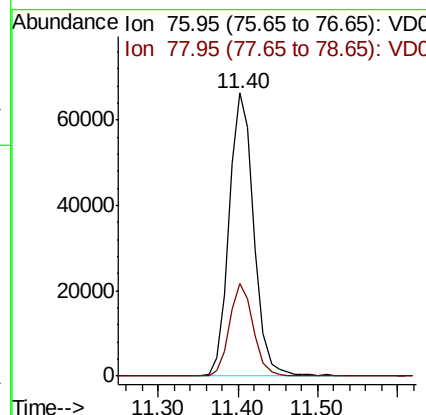
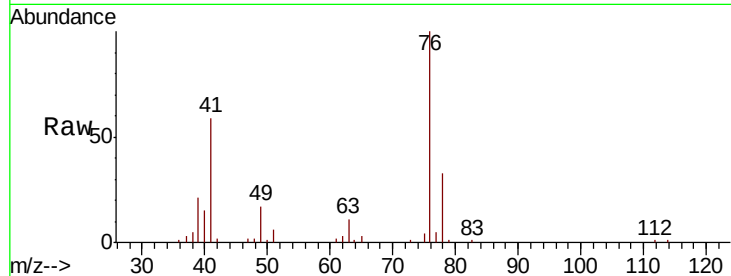




#57  
 1,3-Dichloropropane  
 Concen: 22.975 ug/l  
 RT: 11.40 min Scan# 1014  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

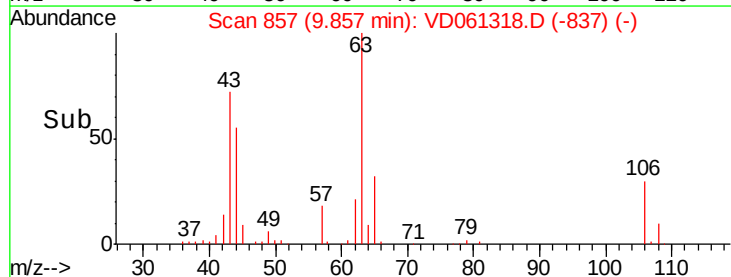
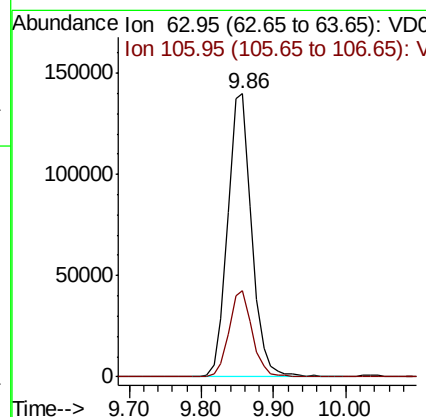
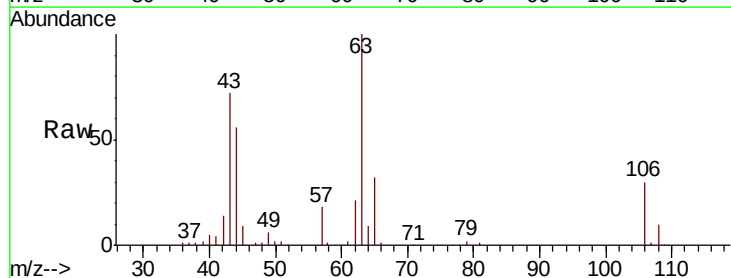
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBSD02

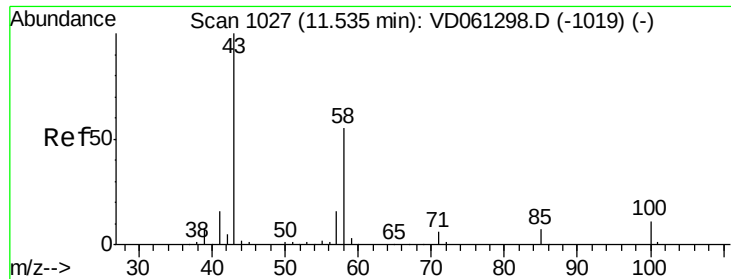
Tot Ion: 76 Resp: 144675  
 Ion Ratio Lower Upper  
 76 100  
 78 32.8 25.7 38.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 138.818 ug/l  
 RT: 9.86 min Scan# 857  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Tgt Ion: 63 Resp: 321313  
 Ion Ratio Lower Upper  
 63 100  
 106 30.4 23.4 35.0

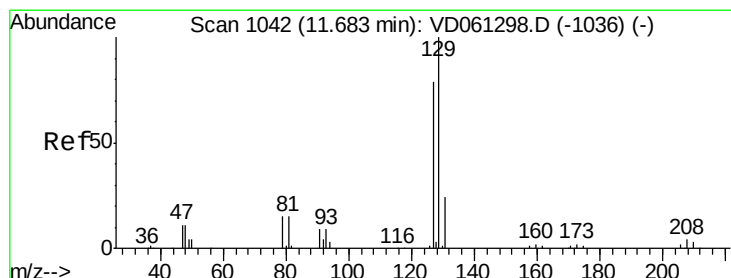
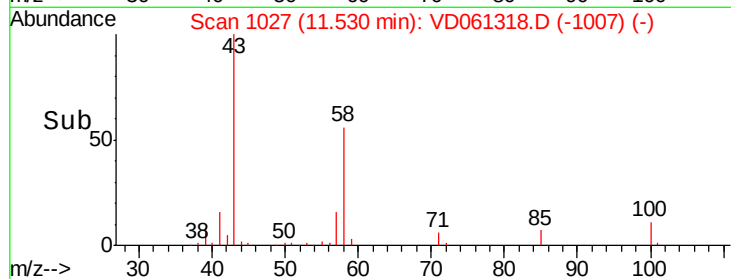
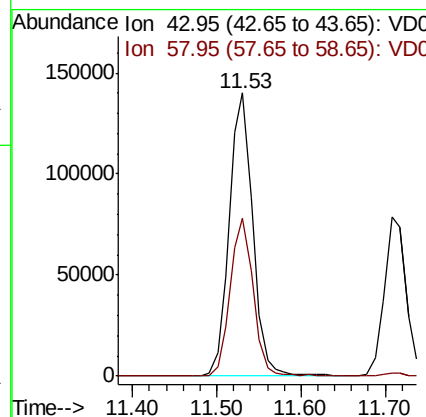
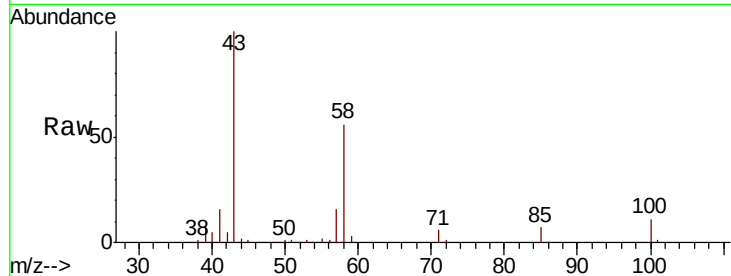




#59  
2-Hexanone  
Concen: 126.256 ug/l  
RT: 11.53 min Scan# 1027  
Delta R.T. -0.00 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

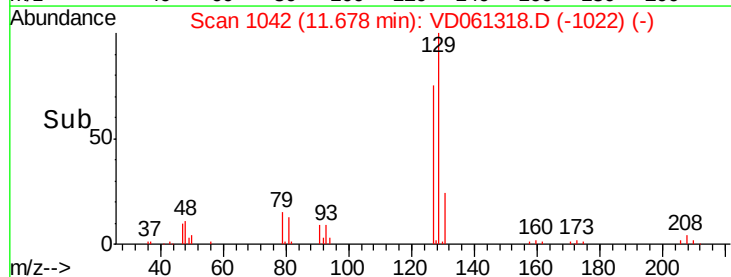
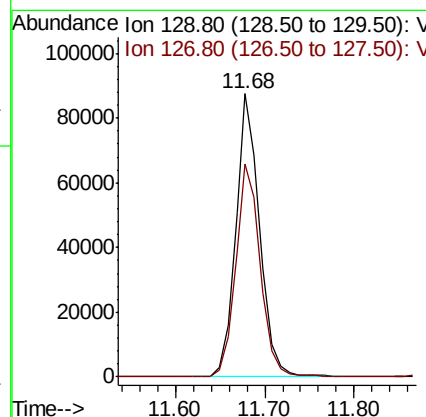
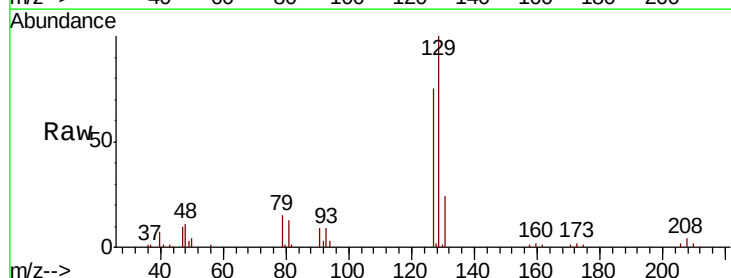
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBSD02

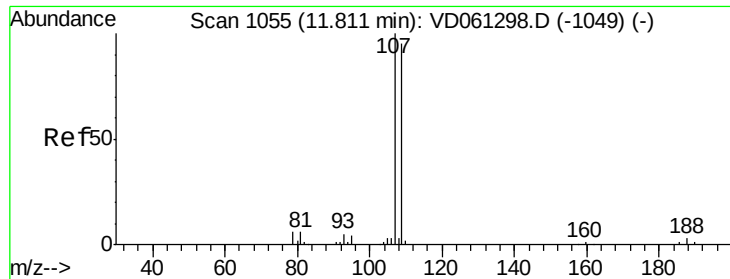
Tot Ion: 43 Resp: 271694  
Ion Ratio Lower Upper  
43 100  
58 55.7 27.4 82.0



#60  
Dibromochloromethane  
Concen: 24.929 ug/l  
RT: 11.68 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Tgt Ion: 129 Resp: 162793  
Ion Ratio Lower Upper  
129 100  
127 75.4 39.6 119.0

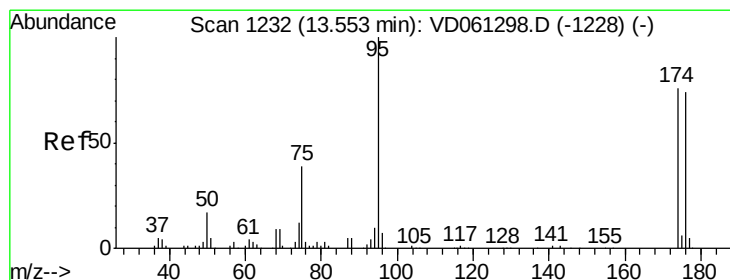
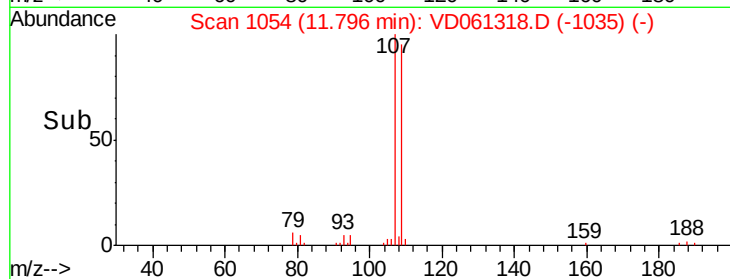
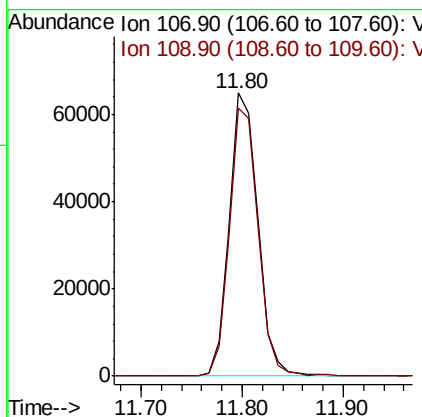
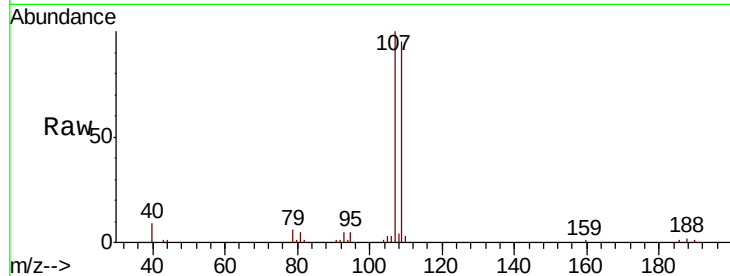




#61  
 1,2-Dibromoethane  
 Concen: 26.158 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. -0.01 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

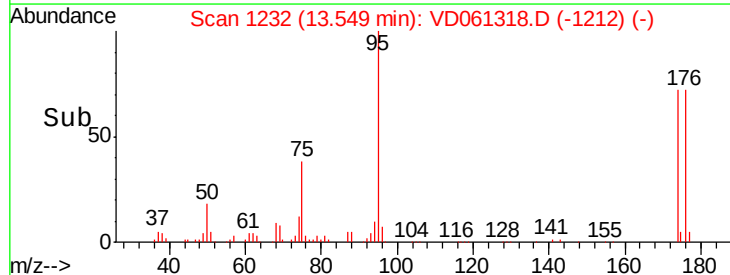
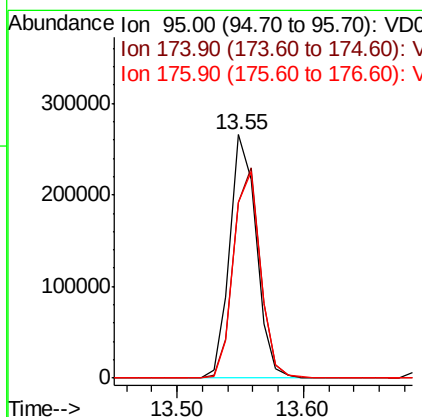
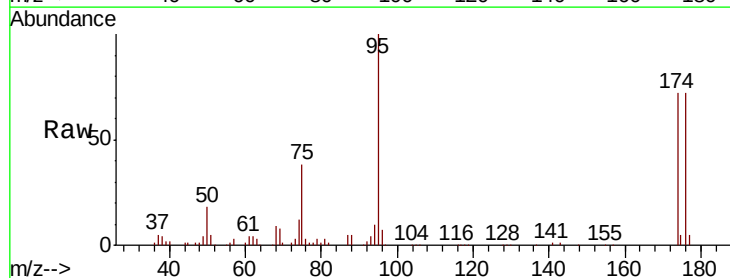
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBSD02

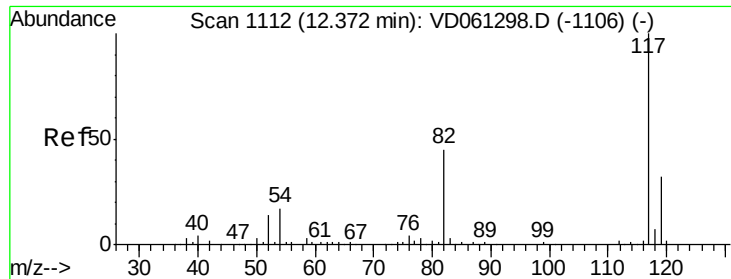
Tot Ion:107 Resp: 127434  
 Ion Ratio Lower Upper  
 107 100  
 109 94.6 76.1 114.1



#62  
 4-Bromofluorobenzene  
 Concen: 26.158 ug/l  
 RT: 13.55 min Scan# 1232  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Tgt Ion: 95 Resp: 386692  
 Ion Ratio Lower Upper  
 95 100  
 174 72.3 0.0 151.8  
 176 72.4 0.0 148.0

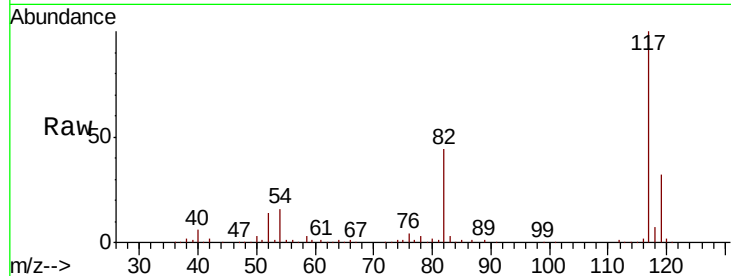




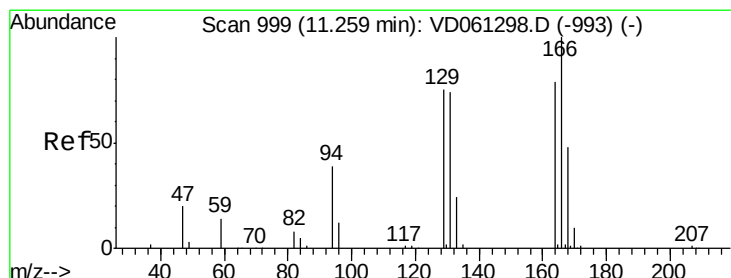
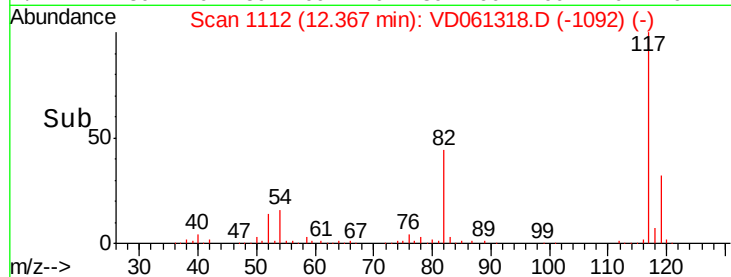
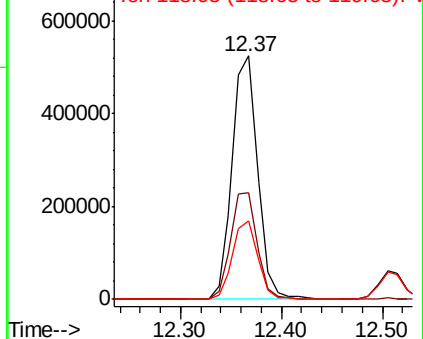
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.37 min Scan# 1112  
Delta R.T. -0.00 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBSD02

Tot Ion:117 Resp: 921986  
Ion Ratio Lower Upper  
117 100  
82 44.0 35.7 53.5  
119 32.3 25.9 38.9

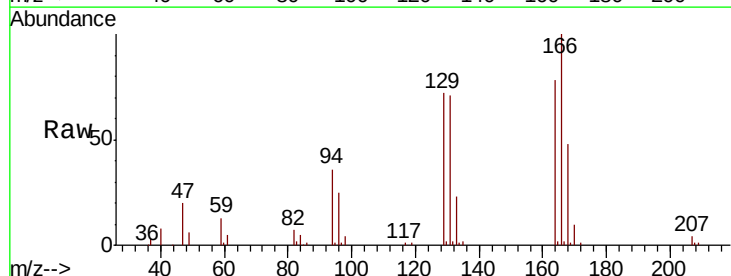


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

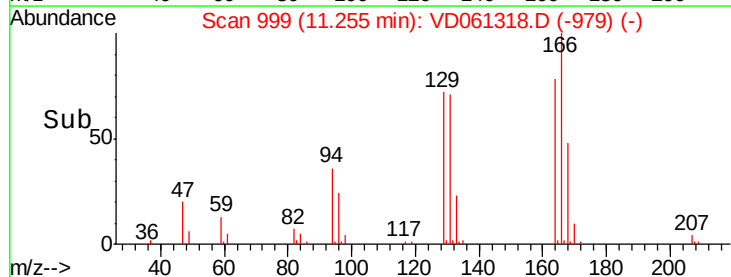
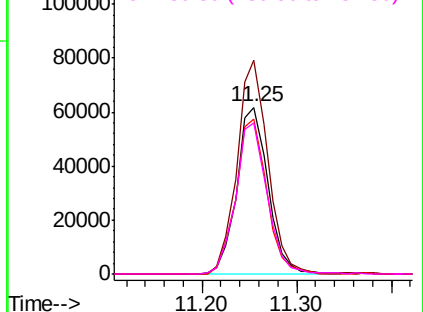


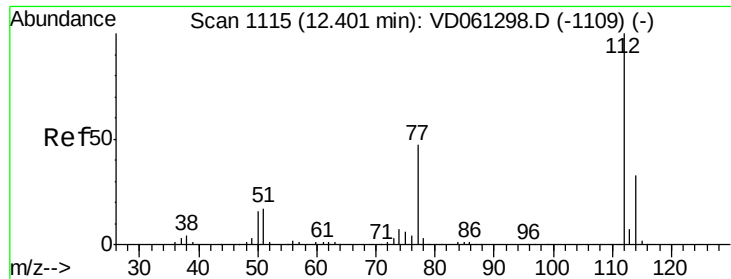
#64  
Tetrachloroethene  
Concen: 22.215 ug/l  
RT: 11.25 min Scan# 999  
Delta R.T. -0.00 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Tgt Ion:164 Resp: 141095  
Ion Ratio Lower Upper  
164 100  
166 127.9 101.6 152.4  
129 92.6 75.9 113.9  
131 90.7 75.3 112.9



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

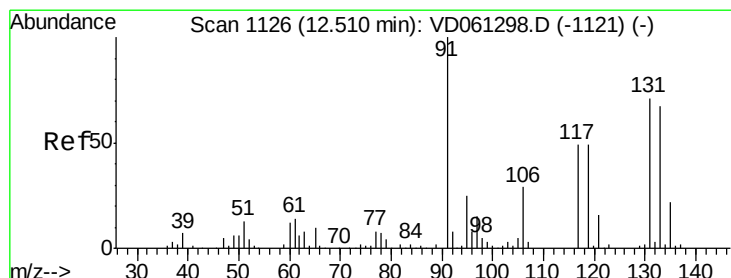
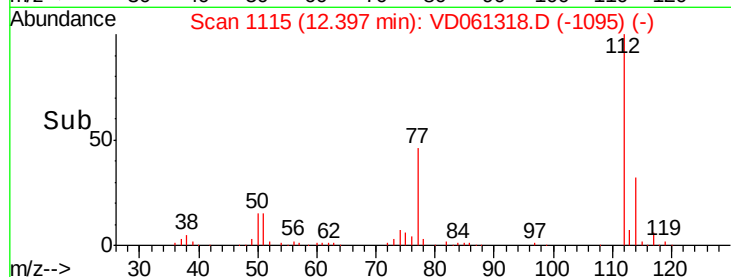
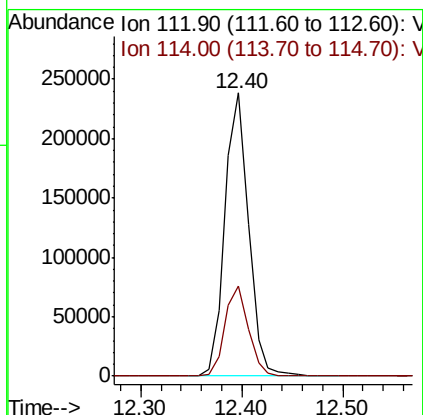
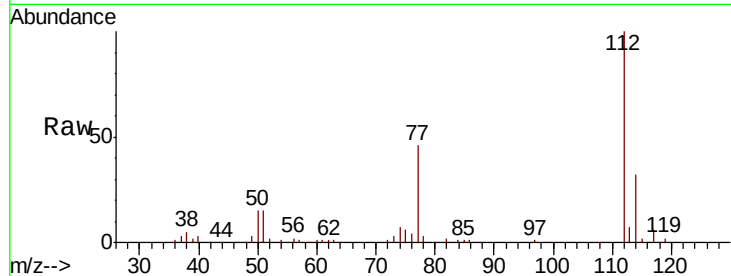




#65  
Chlorobenzene  
Concen: 22.913 ug/l  
RT: 12.40 min Scan# 1115  
Delta R.T. -0.00 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

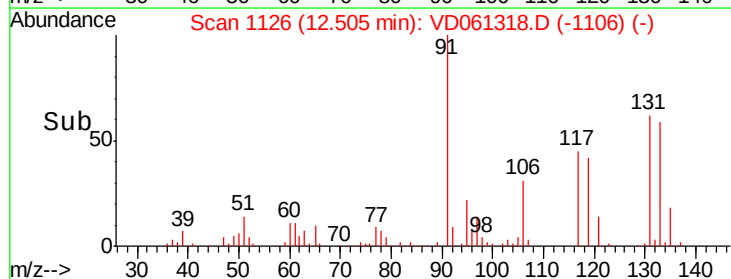
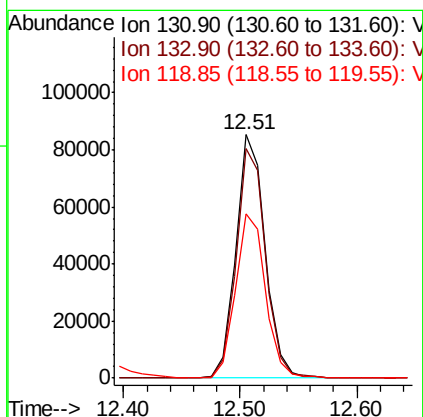
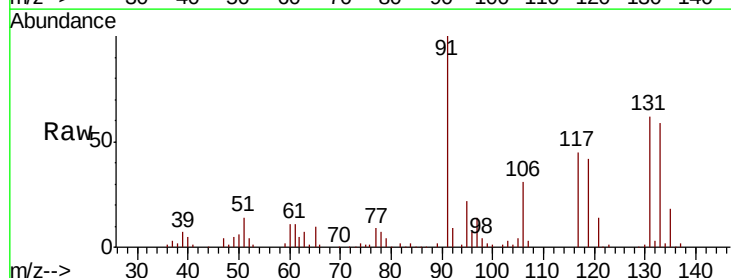
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBSD02

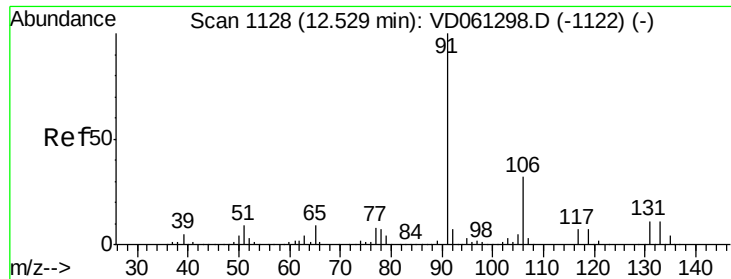
Tot Ion:112 Resp: 389119  
Ion Ratio Lower Upper  
112 100  
114 32.0 26.5 39.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.360 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Tgt Ion:131 Resp: 147220  
Ion Ratio Lower Upper  
131 100  
133 94.3 47.0 141.2  
119 67.4 34.8 104.5

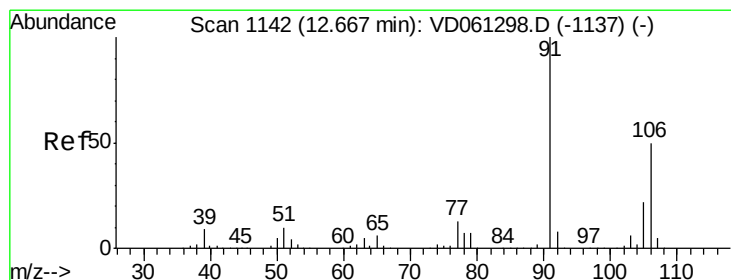
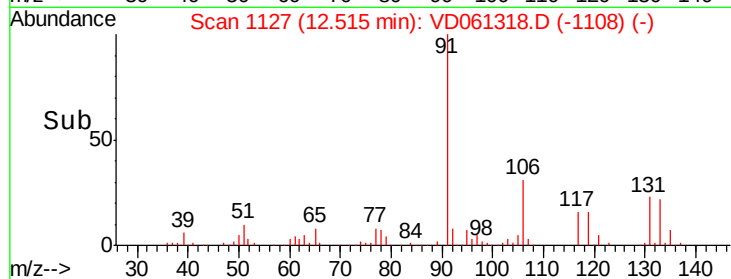
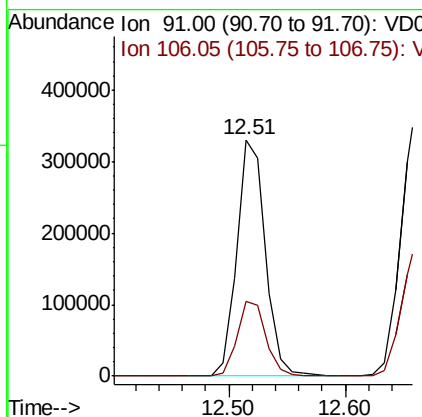
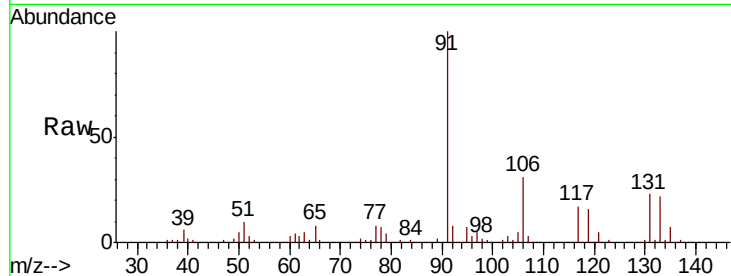




#67  
Ethyl Benzene  
Concen: 21.512 ug/l  
RT: 12.51 min Scan# 1127  
Delta R.T. -0.01 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

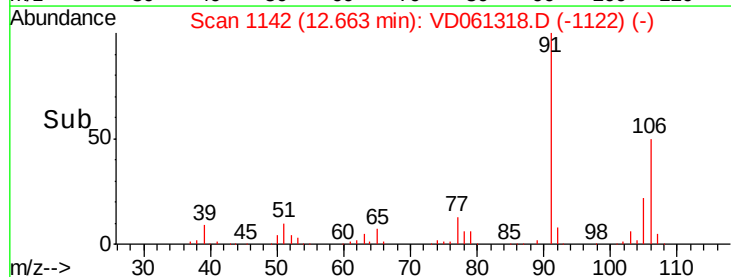
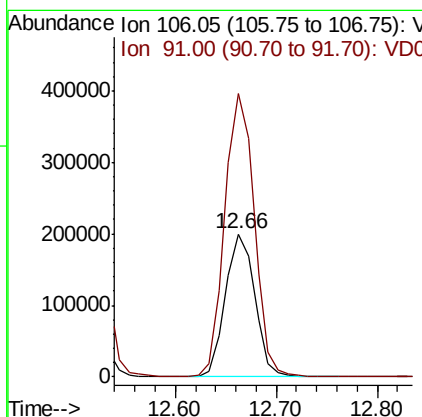
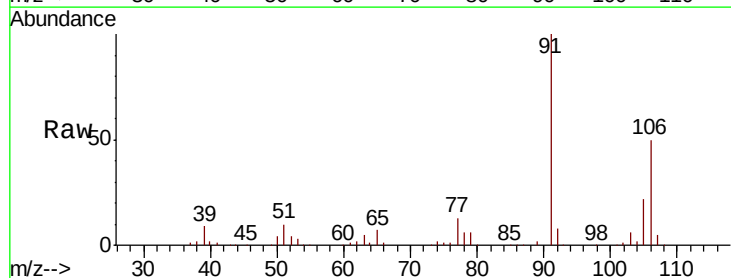
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBS02

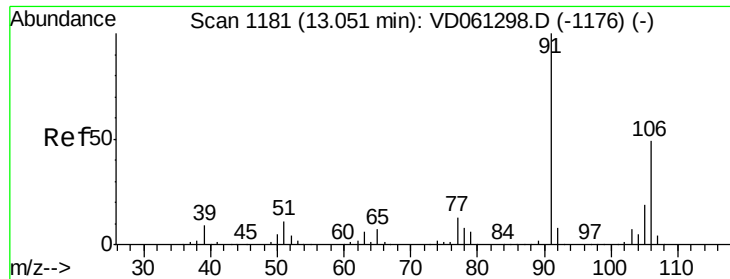
Tot Ion: 91 Resp: 559081  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.8 38.8



#68  
m/p-Xylenes  
Concen: 39.973 ug/l  
RT: 12.66 min Scan# 1142  
Delta R.T. -0.00 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Tgt Ion: 106 Resp: 405525  
Ion Ratio Lower Upper  
106 100  
91 198.4 159.2 238.8

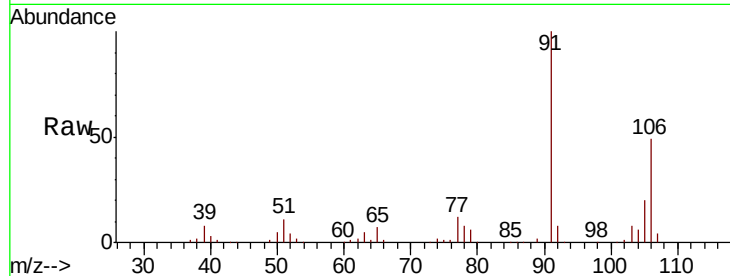




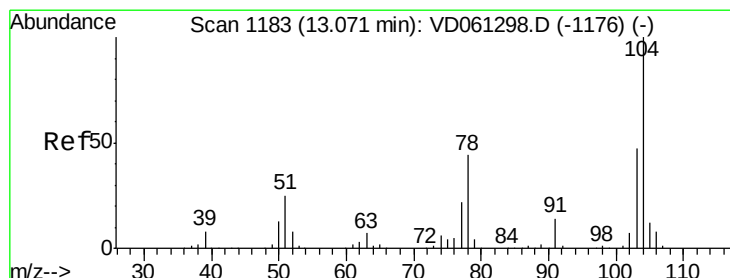
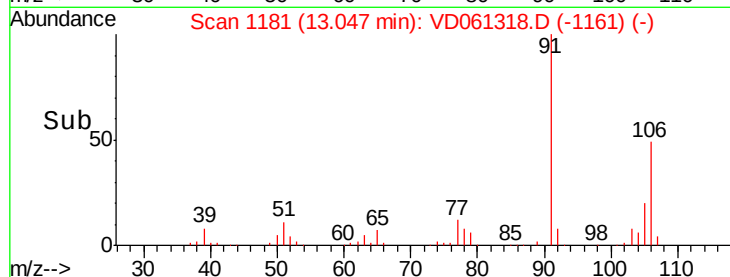
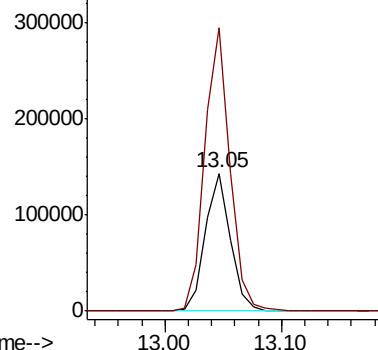
#69  
o-Xylene  
Concen: 22.715 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBS02

Tot Ion:106 Resp: 213729  
Ion Ratio Lower Upper  
106 100  
91 205.0 102.5 307.5

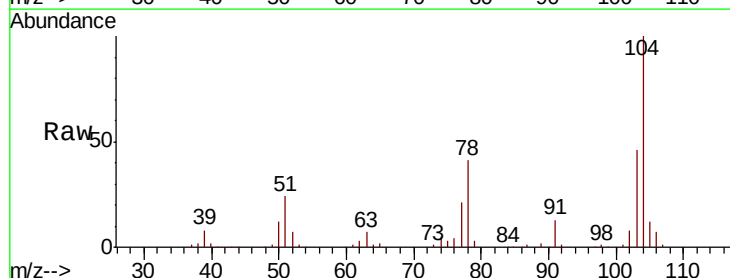


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

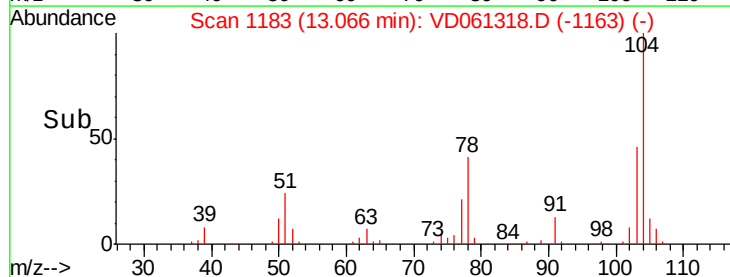
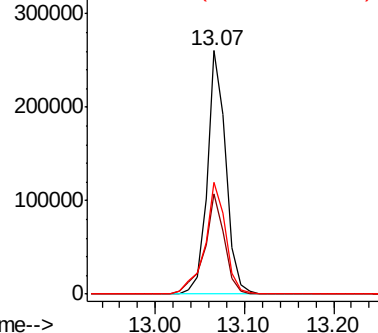


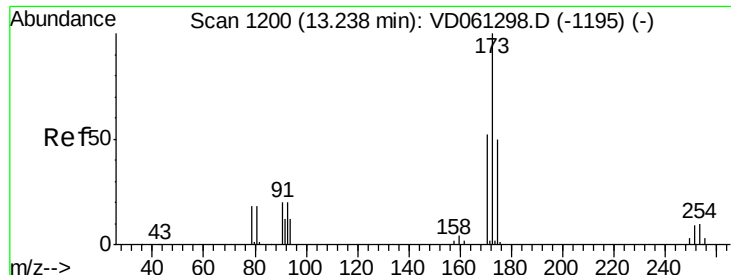
#70  
Styrene  
Concen: 23.855 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. -0.00 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Tgt Ion:104 Resp: 380933  
Ion Ratio Lower Upper  
104 100  
78 41.0 35.1 52.7  
103 46.2 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

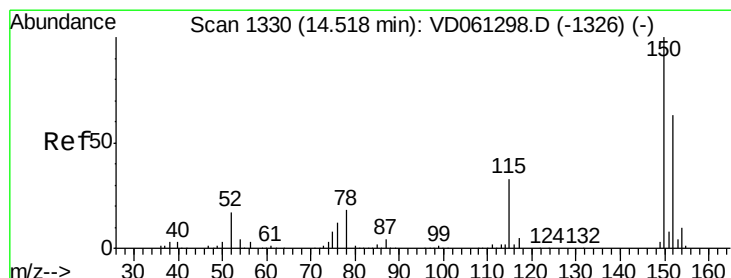
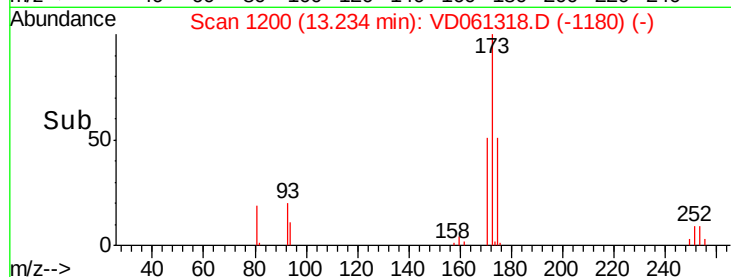
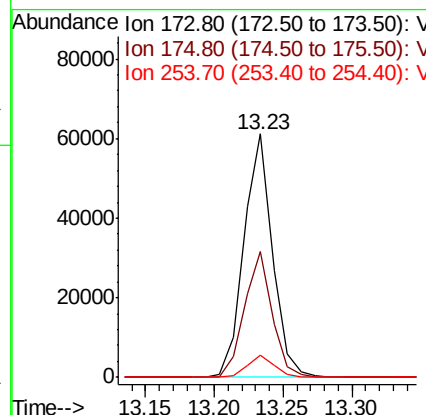
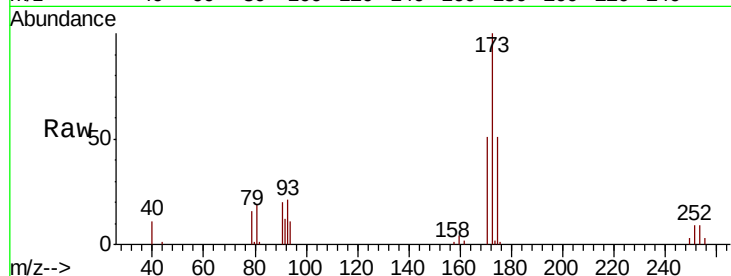




#71  
Bromoform  
Concen: 21.881 ug/l  
RT: 13.23 min Scan# 1200  
Delta R.T. -0.00 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

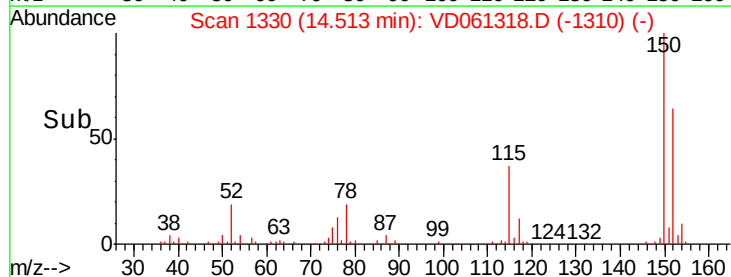
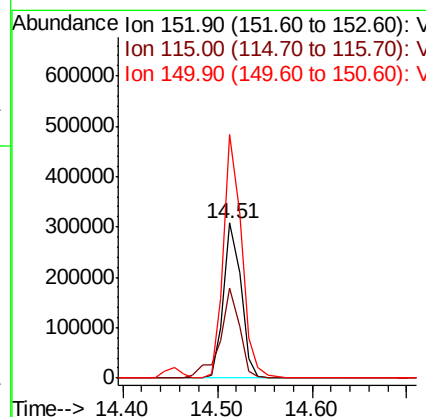
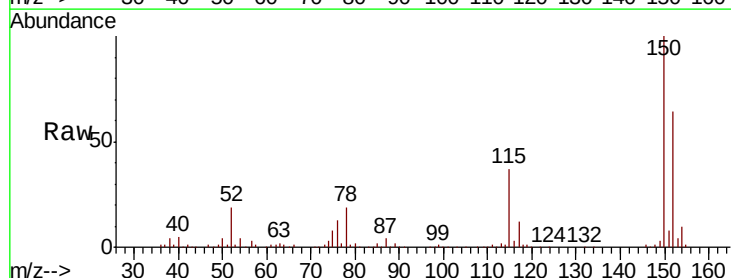
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBSD02

Tot Ion:173 Resp: 88160  
Ion Ratio Lower Upper  
173 100  
175 51.5 24.9 74.7  
254 9.1 7.8 11.6

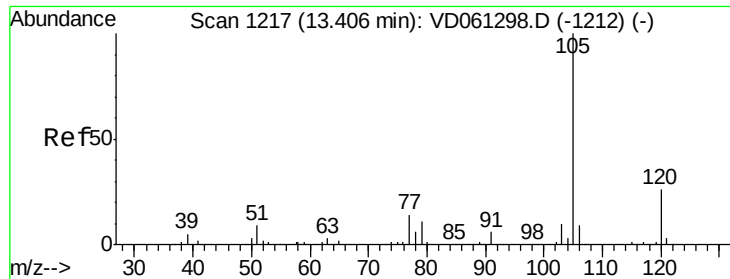


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.51 min Scan# 1330  
Delta R.T. -0.00 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Tgt Ion:152 Resp: 396180  
Ion Ratio Lower Upper  
152 100  
115 58.0 29.2 87.6  
150 157.1 0.0 319.6







#73

Isopropylbenzene

Concen: 22.123 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

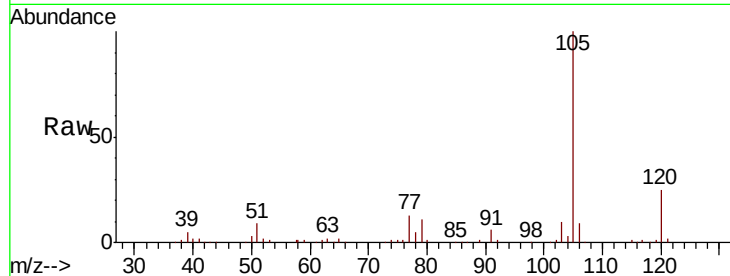
VD0325SBSD02

Tot Ion:105 Resp: 570068

Ion Ratio Lower Upper

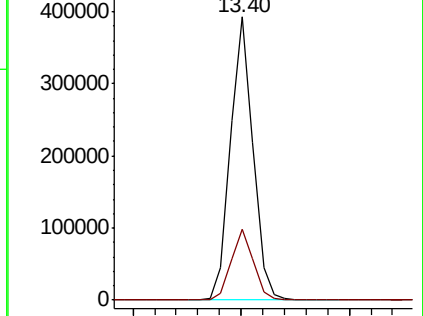
105 100

120 25.0 13.1 39.1

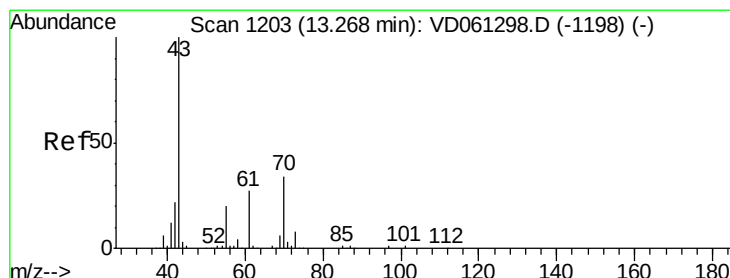
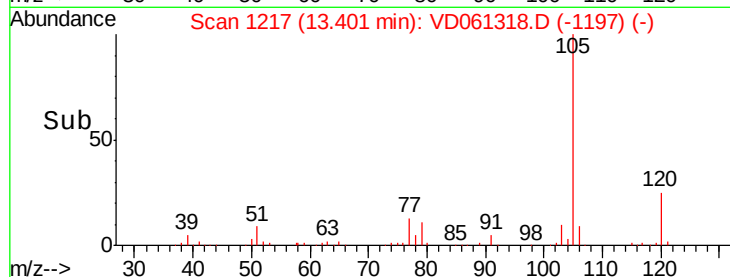


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 22.393 ug/l

RT: 13.26 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Tgt Ion: 43 Resp: 150967

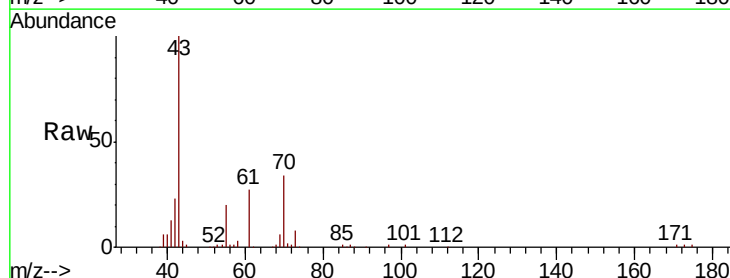
Ion Ratio Lower Upper

43 100

70 33.6 27.5 41.3

55 20.1 15.7 23.5

61 27.3 21.8 32.6

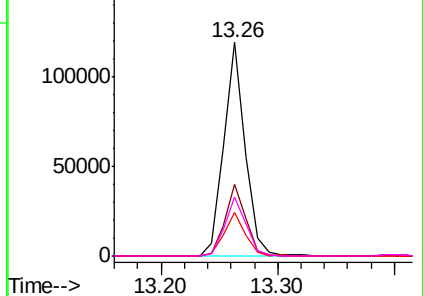


Abundance Ion 42.95 (42.65 to 43.65): VDC

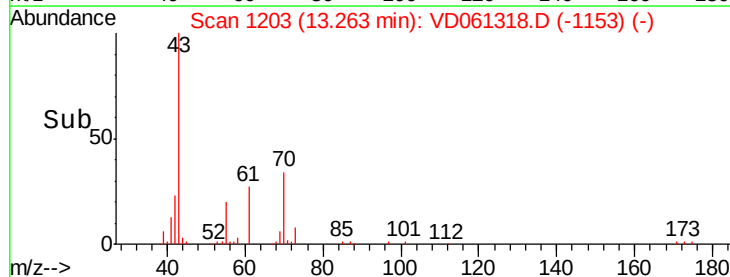
Ion 70.00 (69.70 to 70.70): VDC

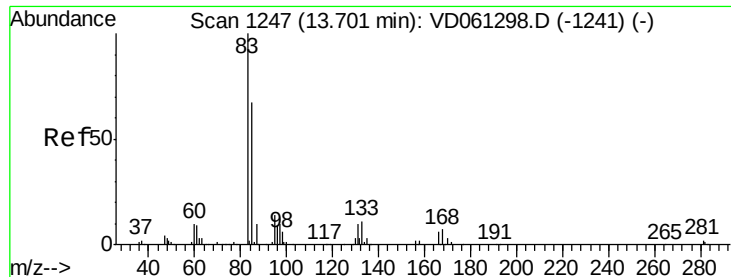
Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



Time--> 13.20 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 24.260 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0325SBS02

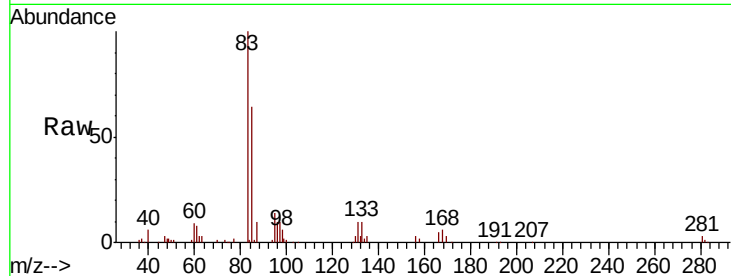
Tot Ion: 83 Resp: 121229

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

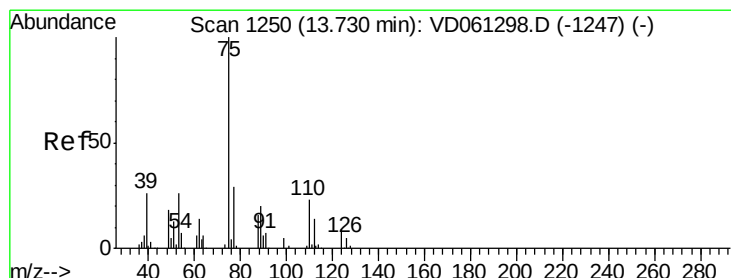
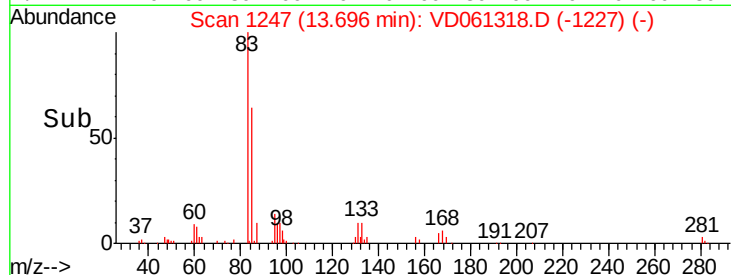
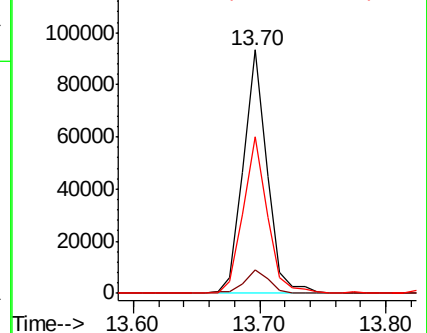
85 64.4 33.4 100.2



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: 23.069 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD061318.D

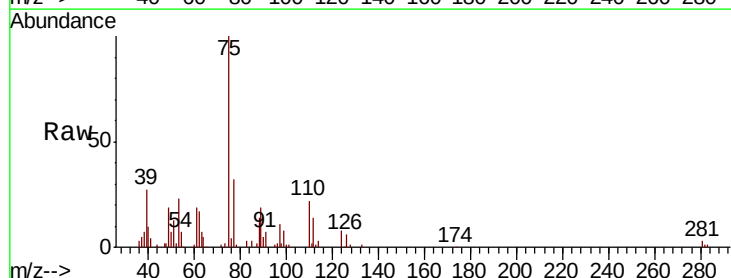
Acq: 26 Mar 2019 1:04

Tgt Ion: 75 Resp: 113658

Ion Ratio Lower Upper

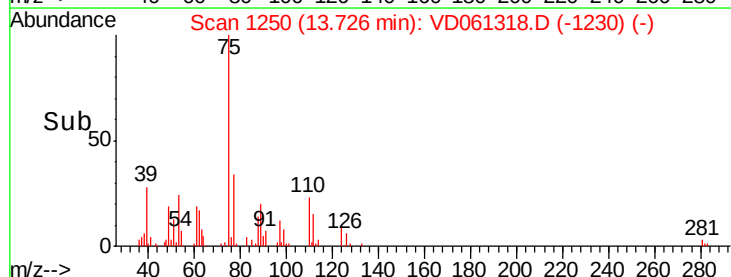
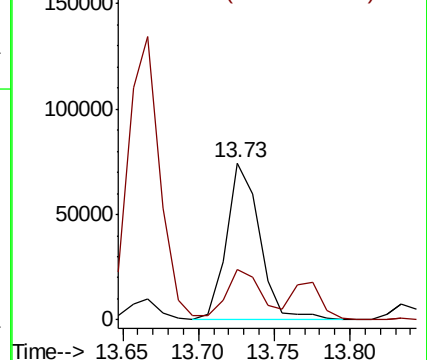
75 100

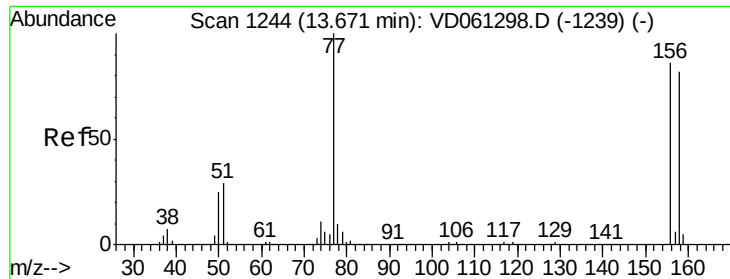
77 32.1 15.8 47.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 22.482 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0325SBSD02

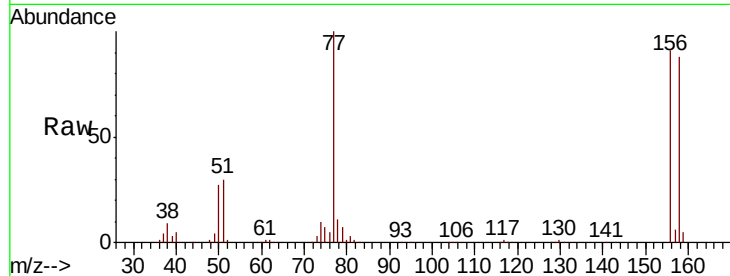
Tot Ion:156 Resp: 161826

Ion Ratio Lower Upper

156 100

77 109.9 58.4 175.1

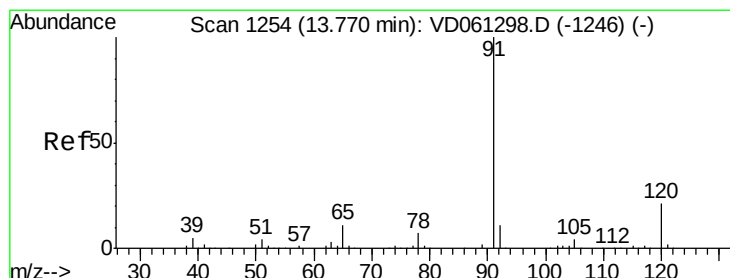
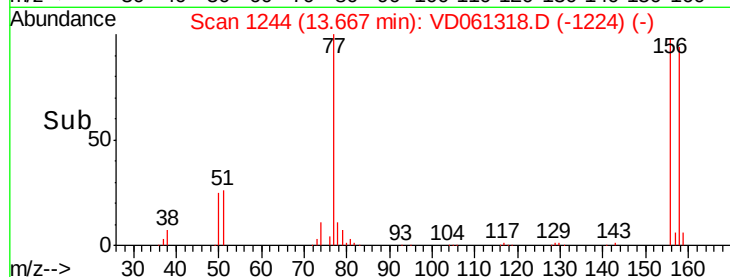
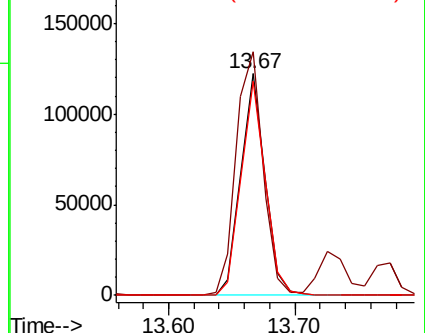
158 96.5 48.1 144.3



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: 24.658 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD061318.D

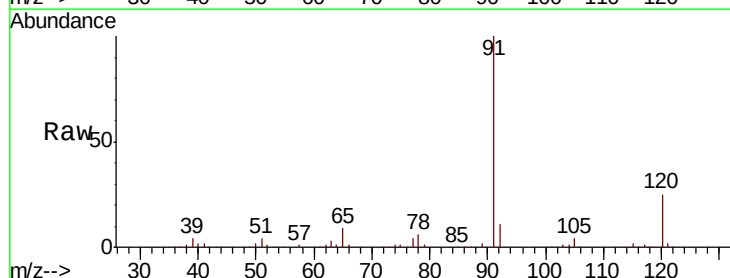
Acq: 26 Mar 2019 1:04

Tgt Ion: 91 Resp: 716851

Ion Ratio Lower Upper

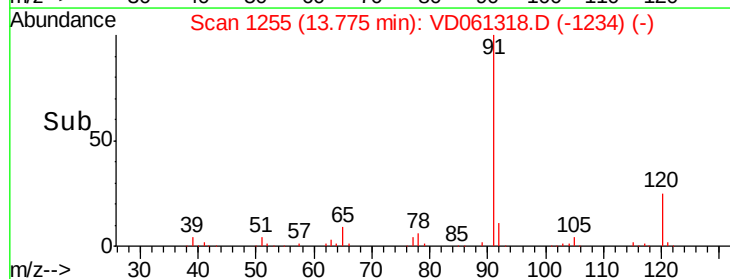
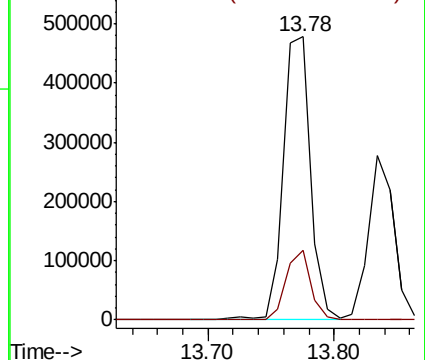
91 100

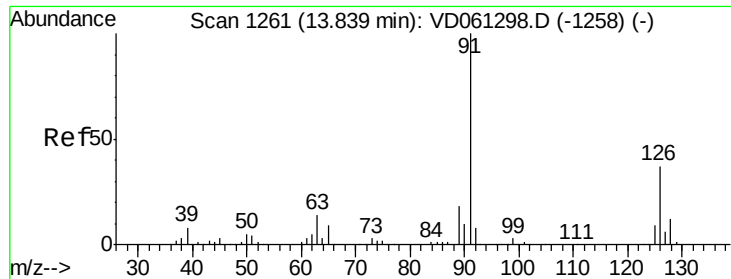
120 24.7 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 22.838 ug/l

RT: 13.83 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

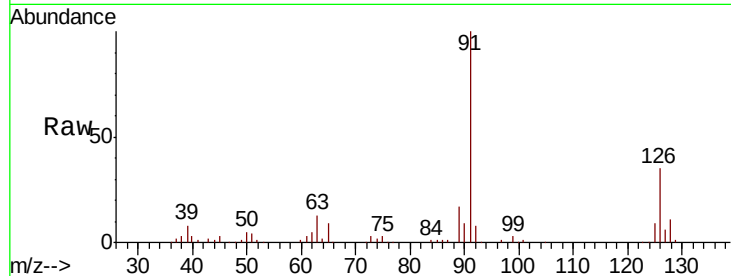
VD0325SBSD02

Tot Ion: 91 Resp: 386573

Ion Ratio Lower Upper

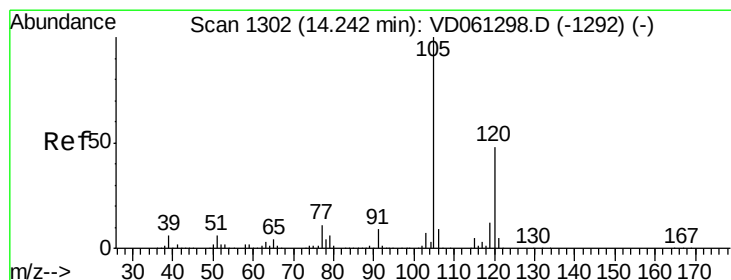
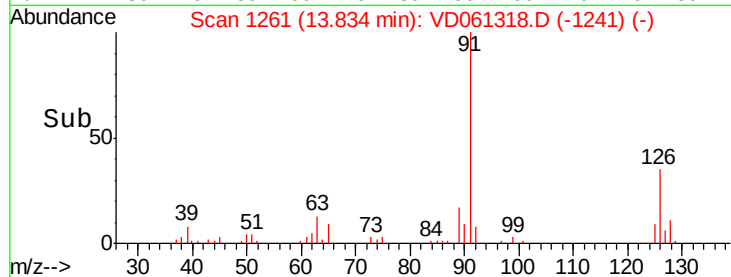
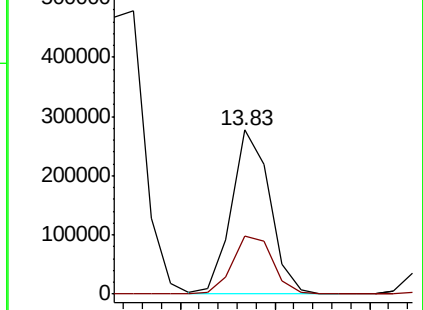
91 100

126 35.4 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VD061298.D (-1258) (-)

Ion 125.95 (125.65 to 126.65): VD061298.D (-1258) (-)



#80

1,3,5-Trimethylbenzene

Concen: 24.606 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VD061318.D

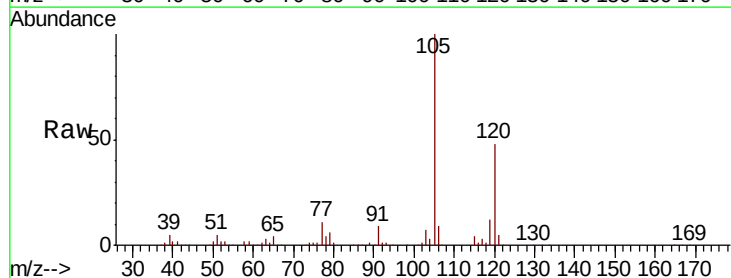
Acq: 26 Mar 2019 1:04

Tgt Ion:105 Resp: 500198

Ion Ratio Lower Upper

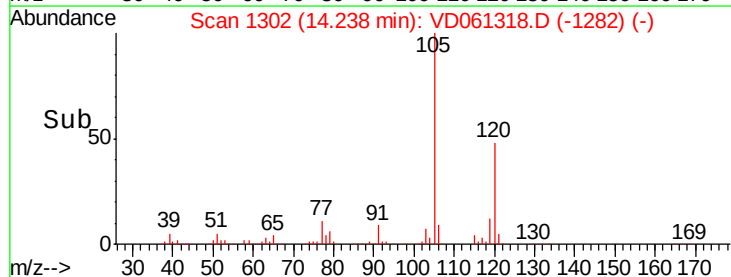
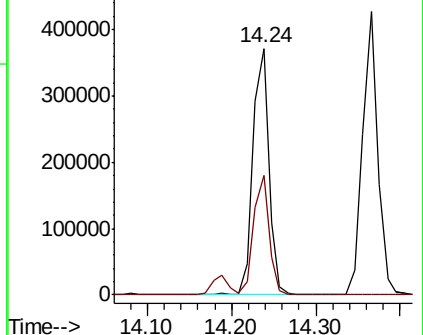
105 100

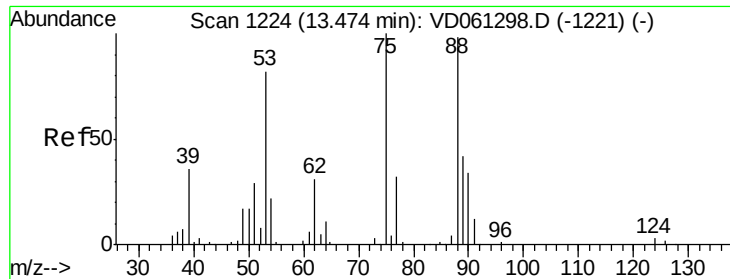
120 48.4 23.8 71.4



Abundance Ion 105.05 (104.75 to 105.75): VD061298.D (-1292) (-)

Ion 120.05 (119.75 to 120.75): VD061298.D (-1292) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 24.671 ug/l

RT: 13.47 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0325SBSD02

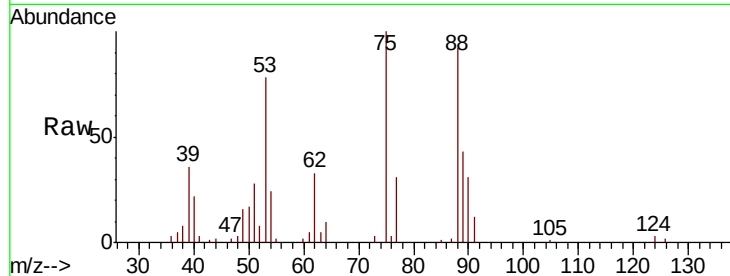
Tot Ion: 75 Resp: 38361

Ion Ratio Lower Upper

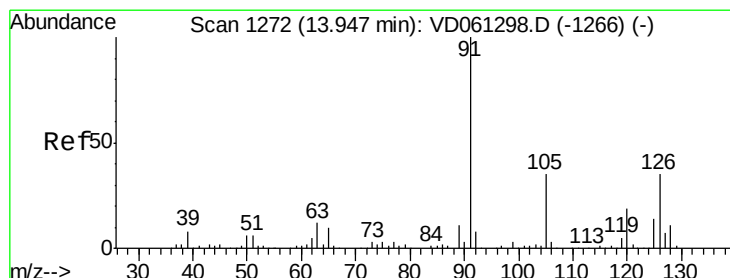
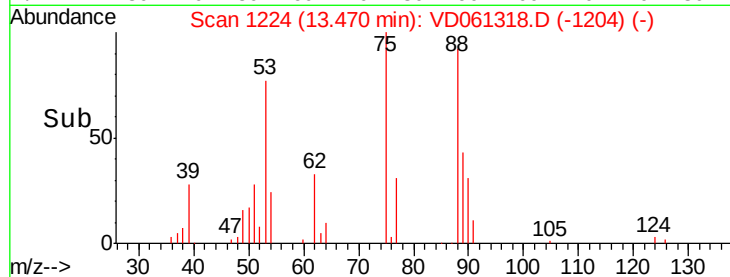
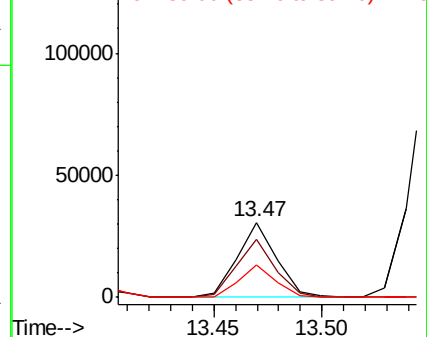
75 100

53 78.3 65.3 97.9

89 42.9 33.8 50.6



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 53.00 (52.70 to 53.70): VDC  
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 24.247 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VD061318.D

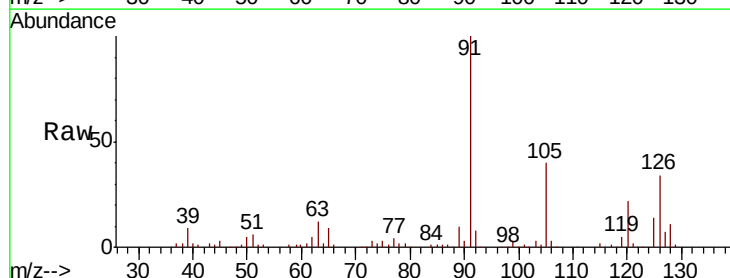
Acq: 26 Mar 2019 1:04

Tgt Ion: 91 Resp: 448686

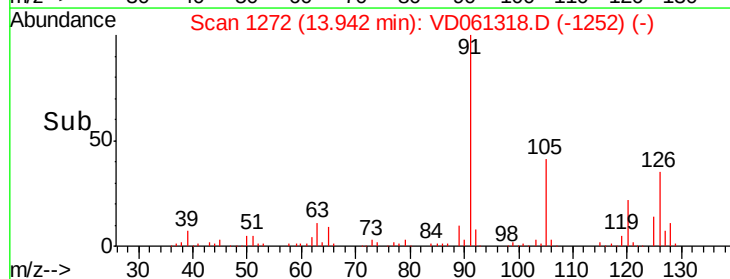
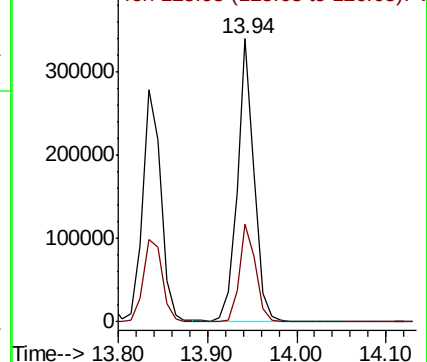
Ion Ratio Lower Upper

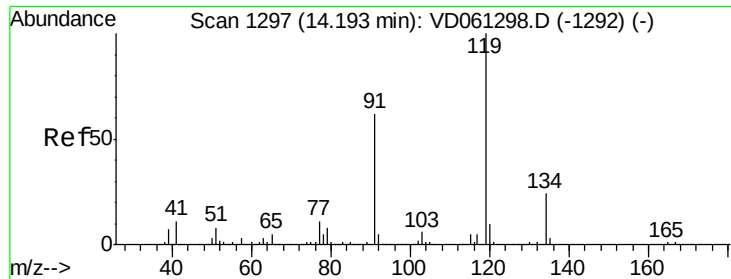
91 100

126 34.4 17.7 53.1



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

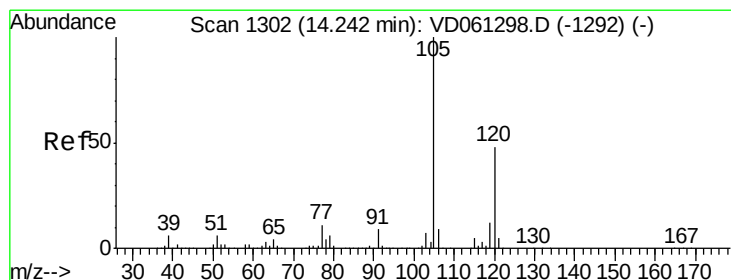
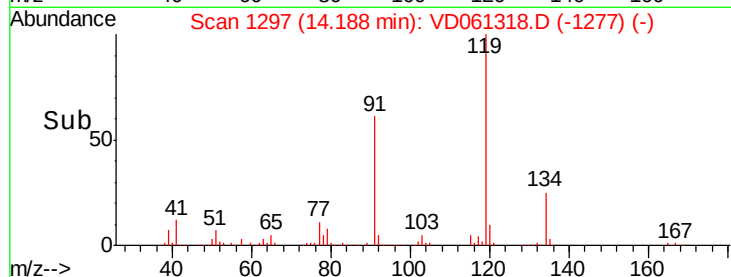
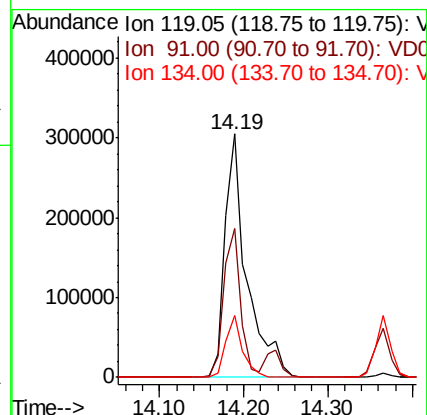
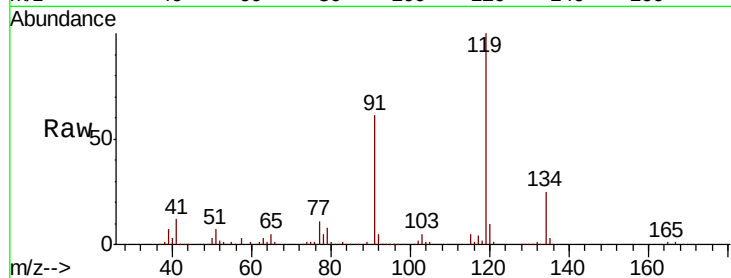




#83  
 tert-Butylbenzene  
 Concen: 23.892 ug/l  
 RT: 14.19 min Scan# 1297  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

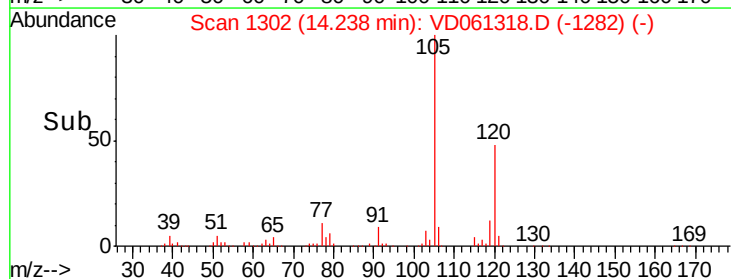
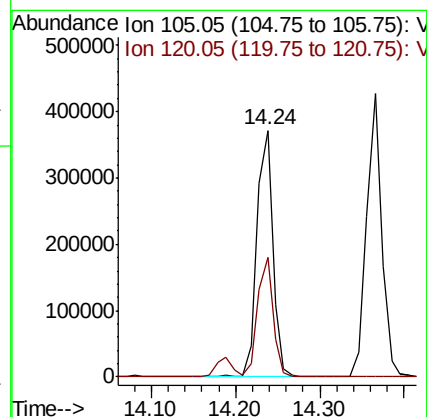
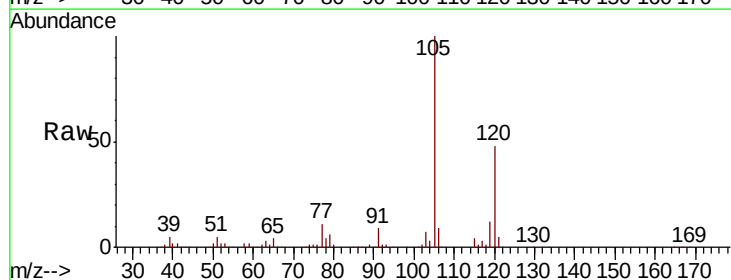
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBSD02

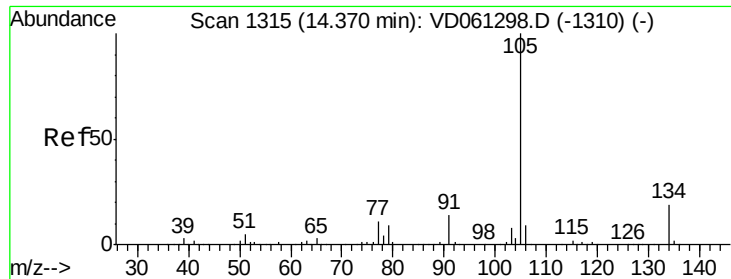
Tot Ion:119 Resp: 554550  
 Ion Ratio Lower Upper  
 119 100  
 91 61.1 31.1 93.5  
 134 25.2 11.9 35.7



#84  
 1,2,4-Trimethylbenzene  
 Concen: 24.606 ug/l  
 RT: 14.24 min Scan# 1302  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Tgt Ion:105 Resp: 500198  
 Ion Ratio Lower Upper  
 105 100  
 120 48.4 23.8 71.4

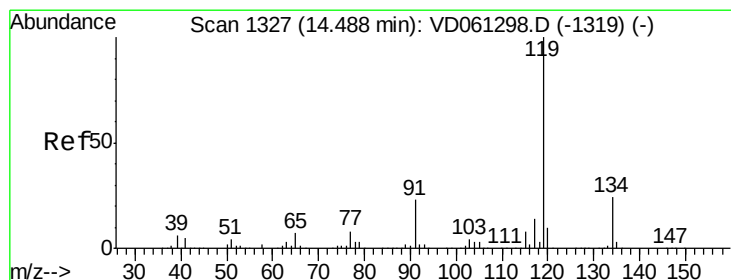
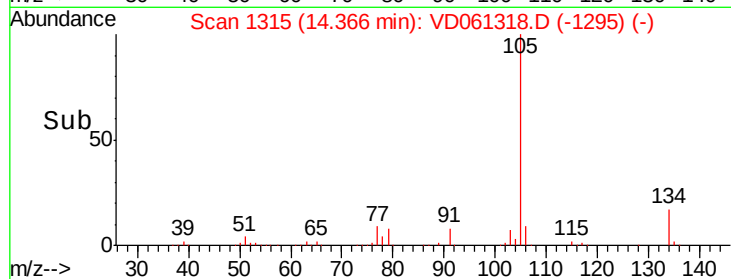
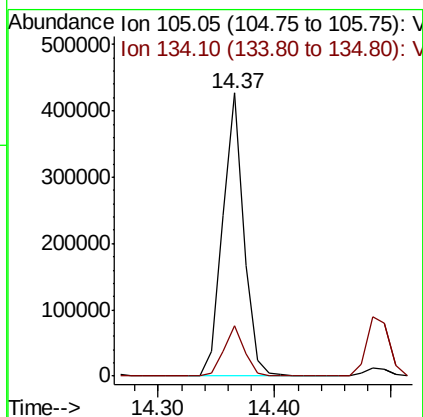
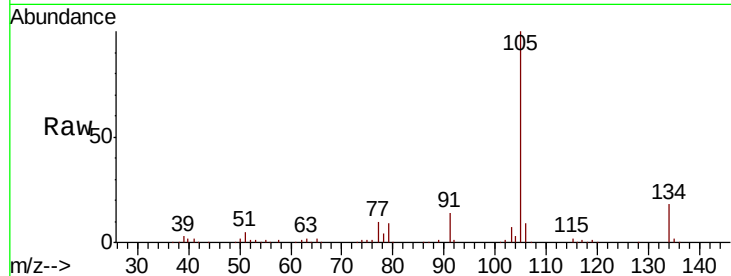




#85  
 sec-Butylbenzene  
 Concen: 20.744 ug/l  
 RT: 14.37 min Scan# 1315  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

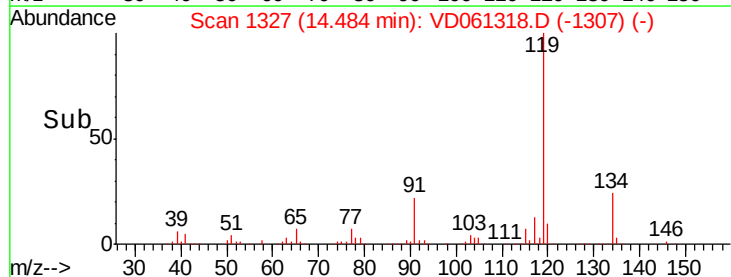
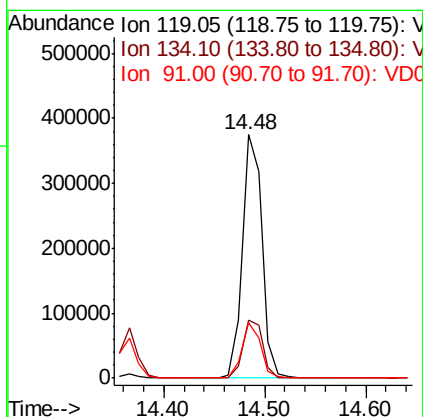
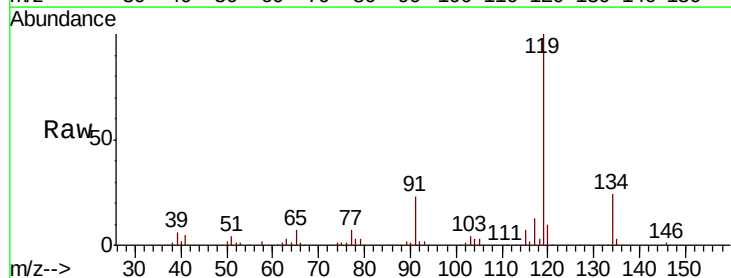
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBSD02

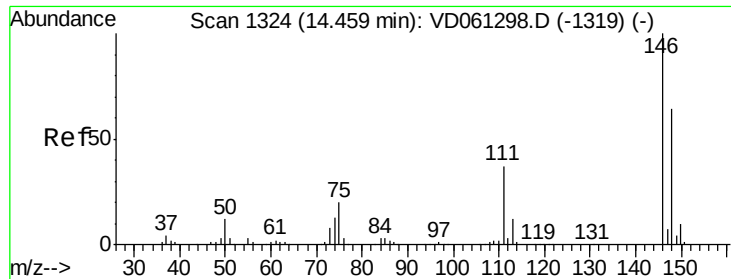
Tot Ion:105 Resp: 536203  
 Ion Ratio Lower Upper  
 105 100  
 134 18.0 9.5 28.5



#86  
 p-Isopropyltoluene  
 Concen: 21.881 ug/l  
 RT: 14.48 min Scan# 1327  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Tgt Ion:119 Resp: 504589  
 Ion Ratio Lower Upper  
 119 100  
 134 23.9 12.1 36.3  
 91 22.6 11.4 34.2

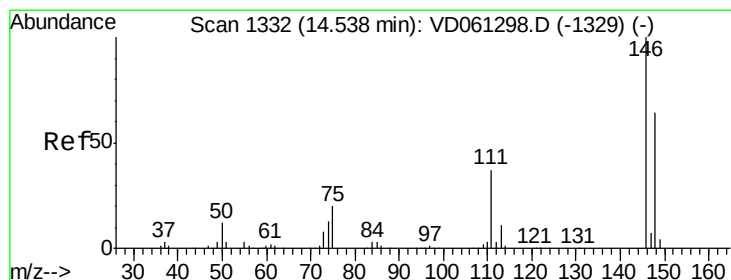
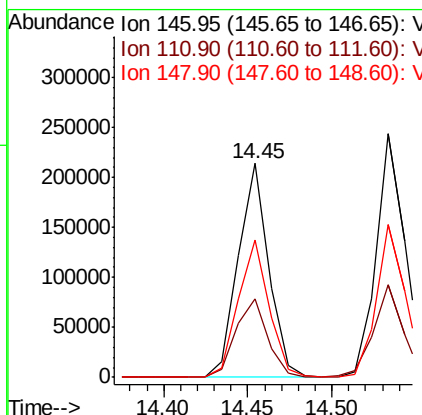
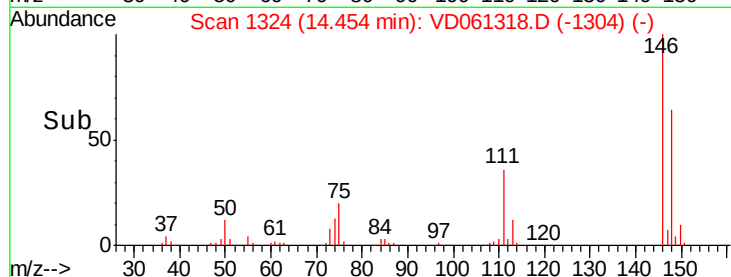
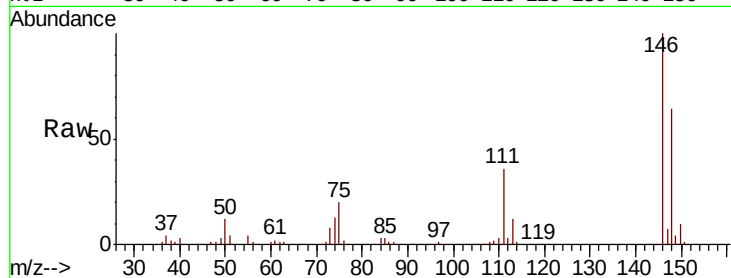




#87  
 1,3-Dichlorobenzene  
 Concen: 21.139 ug/l  
 RT: 14.45 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

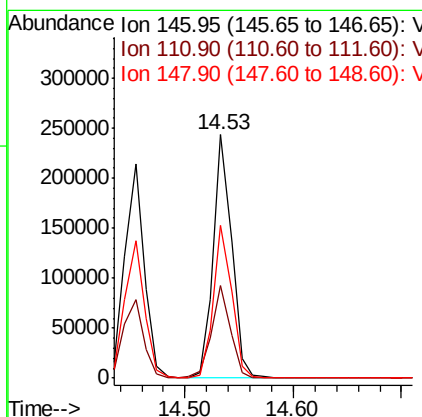
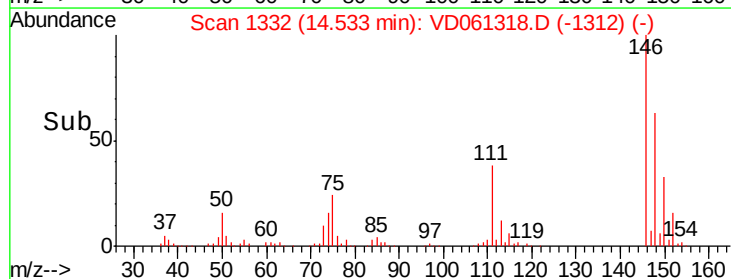
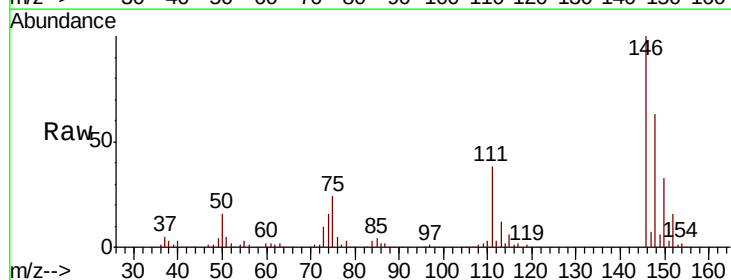
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBS02

Tot Ion:146 Resp: 269698  
 Ion Ratio Lower Upper  
 146 100  
 111 36.4 18.4 55.0  
 148 64.1 32.0 96.2

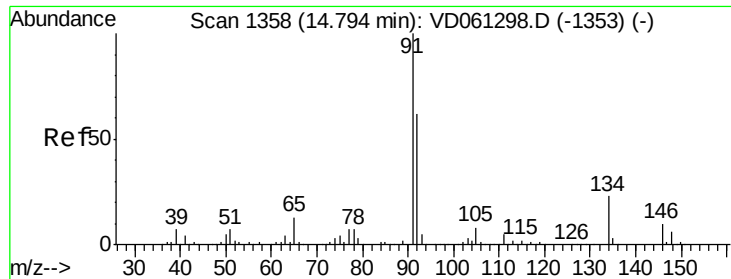


#88  
 1,4-Dichlorobenzene  
 Concen: 23.438 ug/l  
 RT: 14.53 min Scan# 1332  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Tgt Ion:146 Resp: 289660  
 Ion Ratio Lower Upper  
 146 100  
 111 38.3 18.6 55.6  
 148 62.7 31.9 95.5



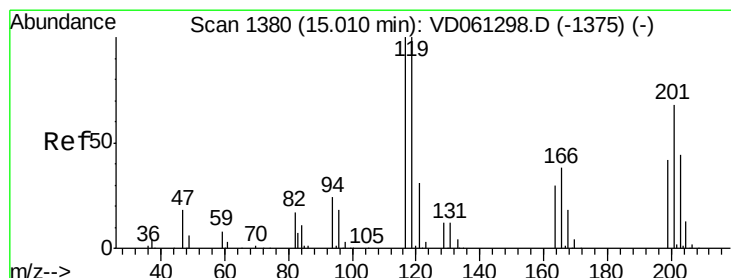
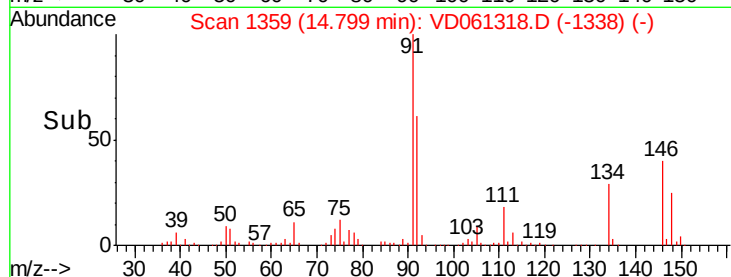
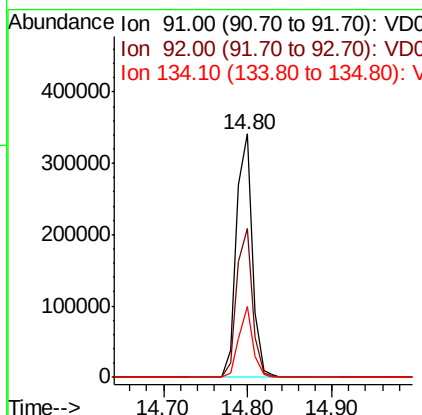
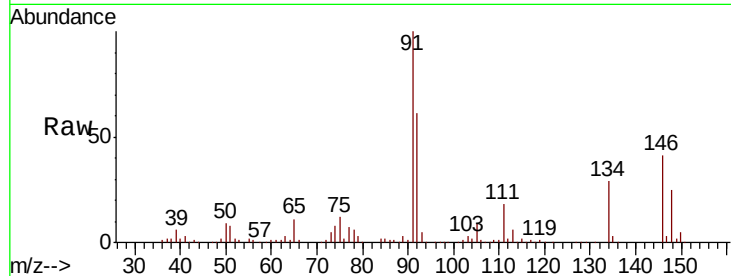




#89  
n-Butylbenzene  
Concen: 21.940 ug/l  
RT: 14.80 min Scan# 1359  
Delta R.T. 0.01 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

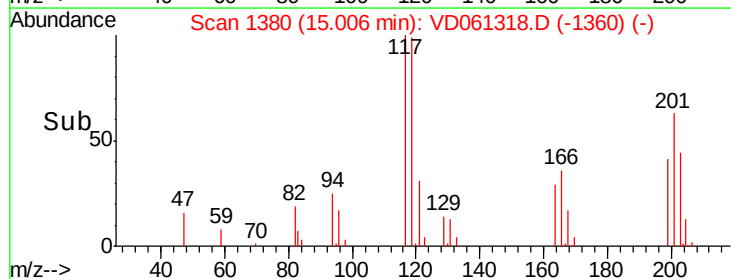
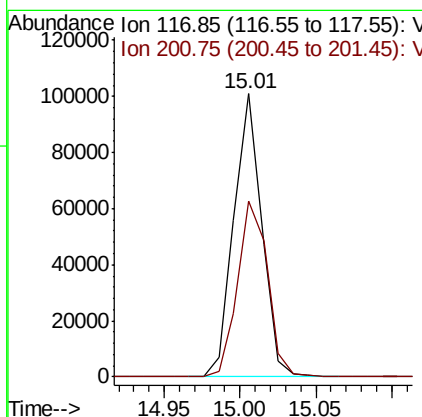
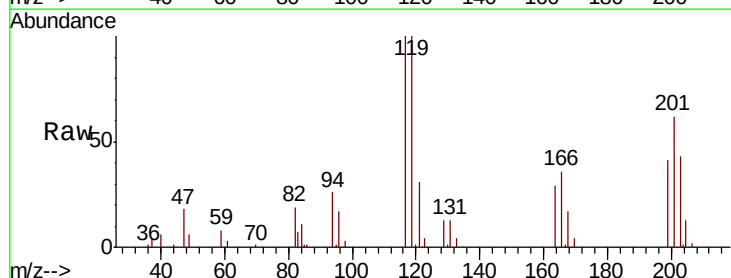
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0325SBSD02

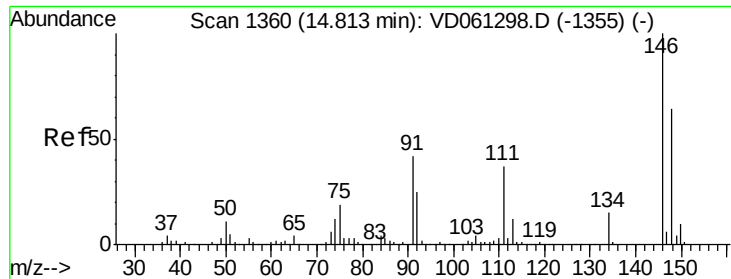
Tot Ion: 91 Resp: 449206  
Ion Ratio Lower Upper  
91 100  
92 60.9 30.9 92.7  
134 29.1 11.7 35.0



#90  
Hexachloroethane  
Concen: 20.864 ug/l  
RT: 15.01 min Scan# 1380  
Delta R.T. -0.00 min  
Lab File: VD061318.D  
Acq: 26 Mar 2019 1:04

Tgt Ion: 117 Resp: 129005  
Ion Ratio Lower Upper  
117 100  
201 62.1 34.0 101.8

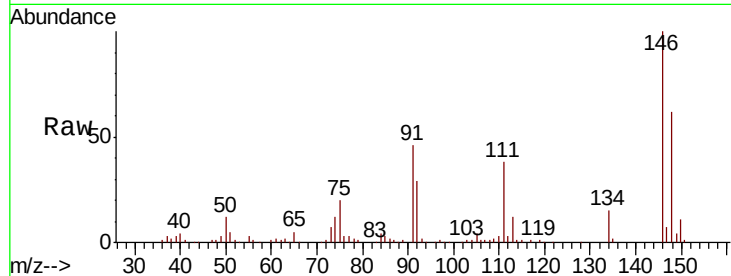




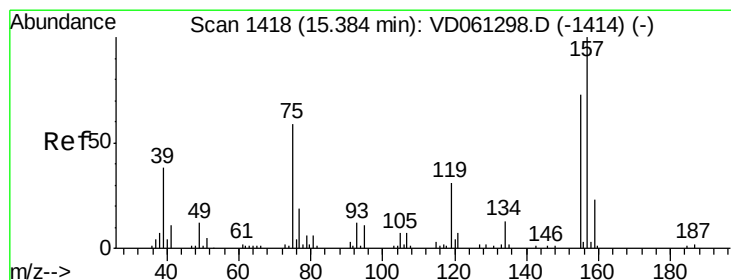
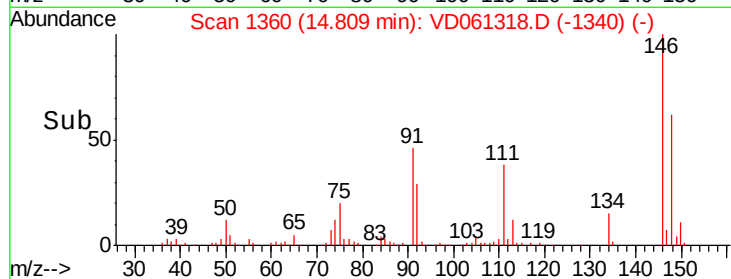
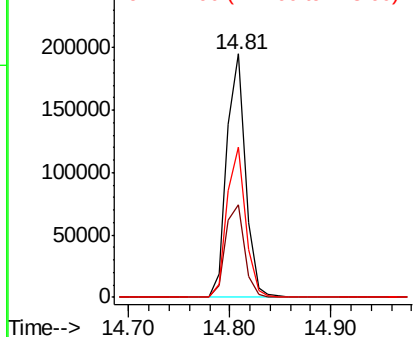
#91  
 1,2-Dichlorobenzene  
 Concen: 24.711 ug/l  
 RT: 14.81 min Scan# 1360  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBSD02

Tot Ion:146 Resp: 251565  
 Ion Ratio Lower Upper  
 146 100  
 111 38.2 18.3 54.8  
 148 61.6 31.9 95.7

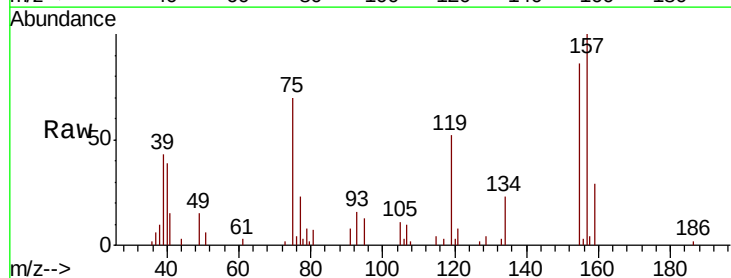


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

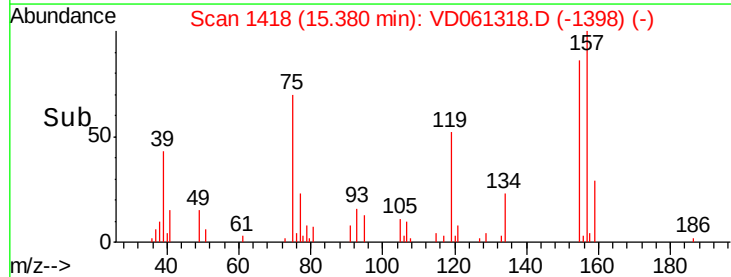
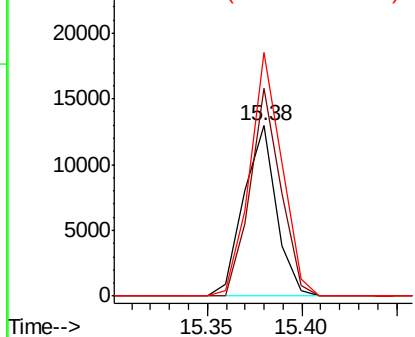


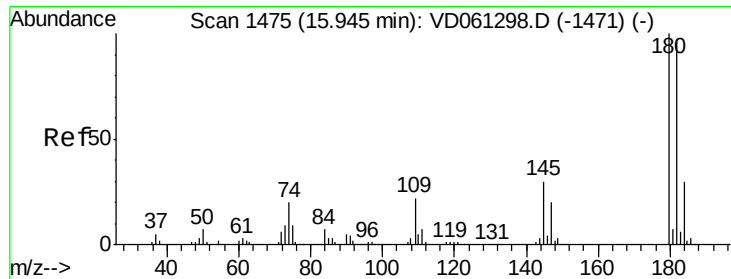
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 24.704 ug/l  
 RT: 15.38 min Scan# 1418  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Tgt Ion: 75 Resp: 15426  
 Ion Ratio Lower Upper  
 75 100  
 155 122.1 61.9 185.7  
 157 142.8 84.4 253.2



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

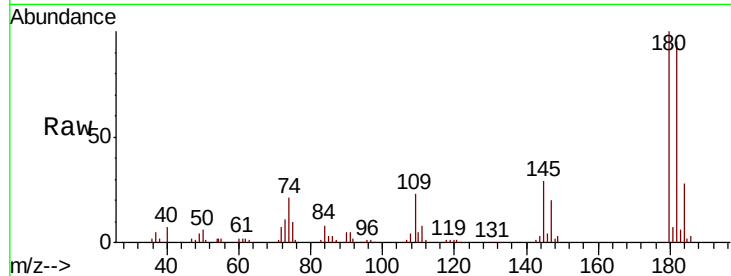




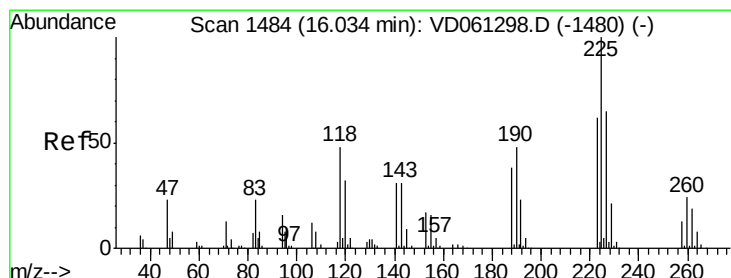
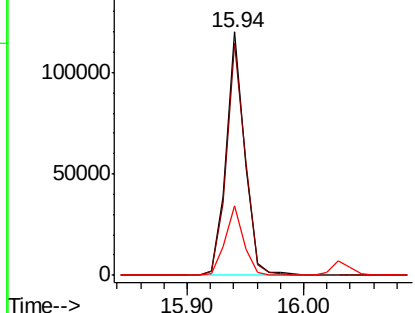
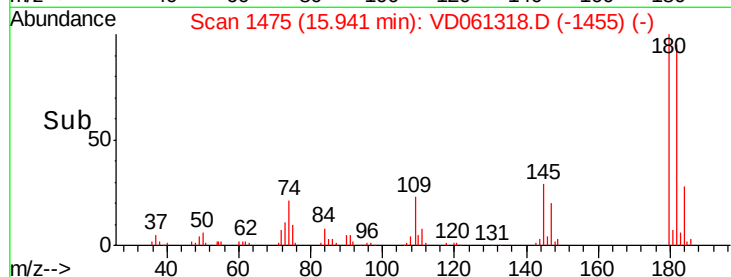
#93  
 1,2,4-Trichlorobenzene  
 Concen: 28.238 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. -0.00 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0325SBS02

Tot Ion:180 Resp: 132765  
 Ion Ratio Lower Upper  
 180 100  
 182 95.2 48.3 144.9  
 145 28.6 14.8 44.4

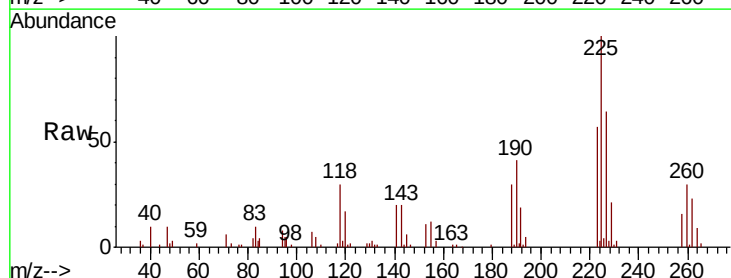


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

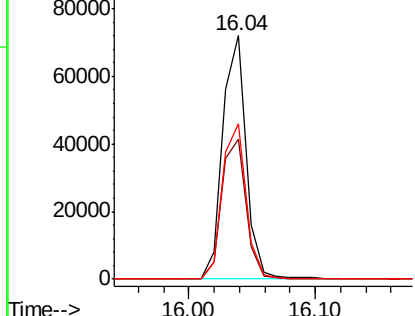
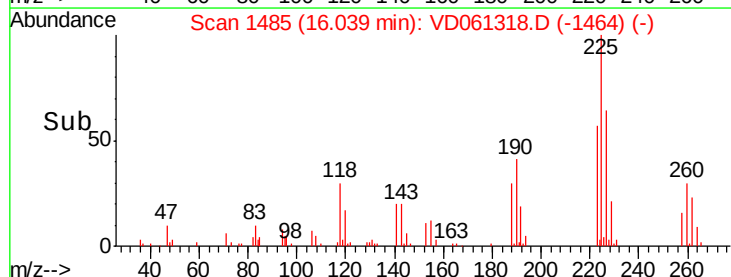


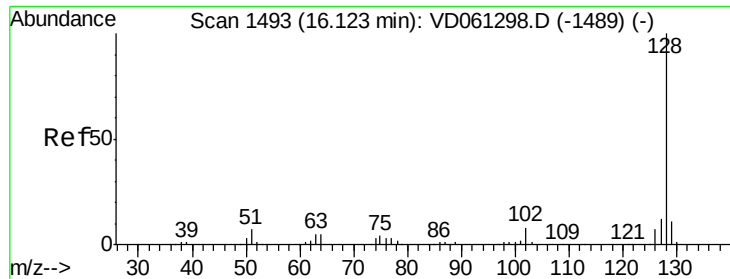
#94  
 Hexachlorobutadiene  
 Concen: 24.434 ug/l  
 RT: 16.04 min Scan# 1485  
 Delta R.T. 0.01 min  
 Lab File: VD061318.D  
 Acq: 26 Mar 2019 1:04

Tgt Ion:225 Resp: 92566  
 Ion Ratio Lower Upper  
 225 100  
 223 57.4 30.9 92.8  
 227 63.6 32.6 97.7



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: 30.160 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0325SBS02

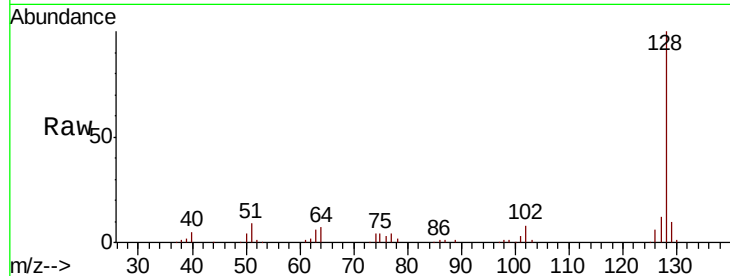
Tot Ion:128 Resp: 206904

Ion Ratio Lower Upper

128 100

127 11.8 9.8 14.6

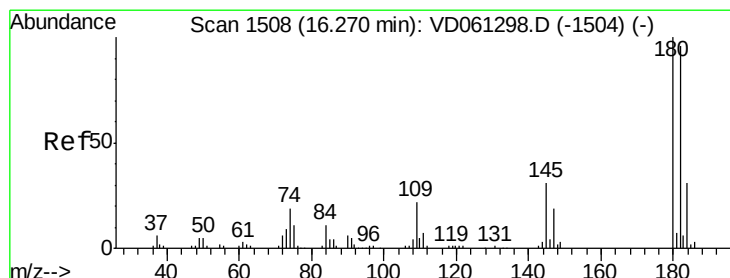
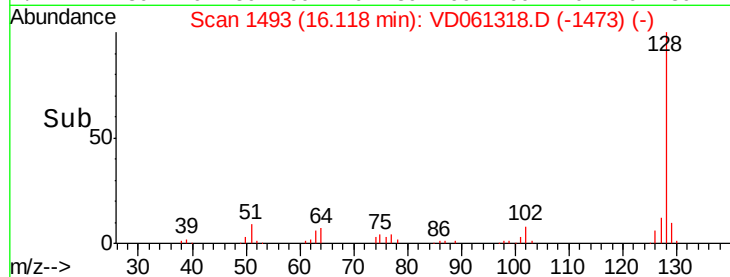
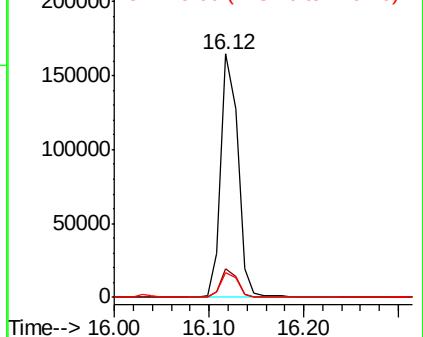
129 10.0 8.6 12.8



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: 33.761 ug/l

RT: 16.27 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VD061318.D

Acq: 26 Mar 2019 1:04

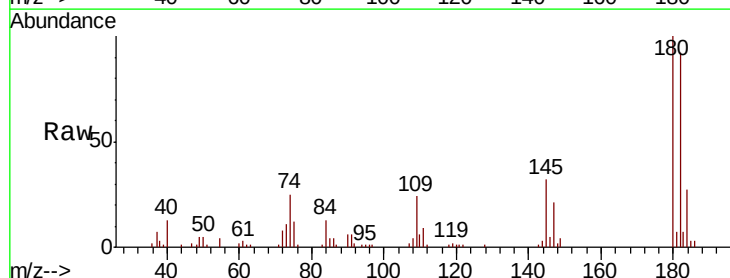
Tgt Ion:180 Resp: 74138

Ion Ratio Lower Upper

180 100

182 92.1 48.0 144.2

145 31.6 15.4 46.4



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

