

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD032919\  
 Data File : VD061425.D  
 Acq On : 29 Mar 2019 13:09  
 Operator : VA/AP  
 Sample : VD0329SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBS01

Quant Time: Mar 29 16:48:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 28 09:22:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.06  | 168  | 722671   | 50.00 | ug/l  | 0.04     |
| 34) 1,4-Difluorobenzene    | 8.23  | 114  | 1233422  | 50.00 | ug/l  | 0.04     |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 946293   | 50.00 | ug/l  | 0.02     |
| 72) 1,4-Dichlorobenzene-d4 | 14.53 | 152  | 435420   | 50.00 | ug/l  | 0.02     |

| System Monitoring Compounds | R.T.  | QIon | Response   | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|------------|---------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.46  | 65   | 302404     | 48.99   | ug/l  | 0.03     |
| Spiked Amount 50.000        |       |      | Recovery = | 97.98%  |       |          |
| 35) Dibromofluoromethane    | 6.94  | 113  | 495841     | 52.61   | ug/l  | 0.04     |
| Spiked Amount 50.000        |       |      | Recovery = | 105.22% |       |          |
| 50) Toluene-d8              | 10.42 | 98   | 1116360    | 49.38   | ug/l  | 0.04     |
| Spiked Amount 50.000        |       |      | Recovery = | 98.76%  |       |          |
| 62) 4-Bromofluorobenzene    | 13.56 | 95   | 430133     | 49.62   | ug/l  | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery = | 99.24%  |       |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.59 | 85   | 163029   | 21.124  | ug/l   | 96     |
| 3) Chloromethane              | 1.77 | 50   | 132530   | 21.056  | ug/l   | 97     |
| 4) Vinyl Chloride             | 1.87 | 62   | 118012   | 20.420  | ug/l   | 92     |
| 5) Bromomethane               | 2.16 | 94   | 20140    | 17.574  | ug/l # | 97     |
| 6) Chloroethane               | 2.27 | 64   | 31438    | 18.550  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 2.54 | 101  | 170207   | 20.253  | ug/l   | 97     |
| 8) Diethyl Ether              | 2.88 | 74   | 53596    | 19.808  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.16 | 101  | 181983   | 20.142  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.33 | 142  | 236046   | 19.460  | ug/l   | 95     |
| 11) Tert butyl alcohol        | 4.08 | 59   | 37434    | 97.369  | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.14 | 96   | 158270   | 20.404  | ug/l   | 93     |
| 13) Acrolein                  | 3.05 | 56   | 29457    | 85.484  | ug/l   | 97     |
| 14) Allyl chloride            | 3.64 | 41   | 225579   | 20.850  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.21 | 53   | 140203   | 105.070 | ug/l   | 93     |
| 16) Acetone                   | 3.24 | 43   | 146563   | 92.355  | ug/l   | 99     |
| 17) Carbon Disulfide          | 3.40 | 76   | 504471   | 20.017  | ug/l   | 100    |
| 18) Methyl Acetate            | 3.66 | 43   | 69645    | 20.873  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 4.25 | 73   | 267756   | 19.941  | ug/l   | 100    |
| 20) Methylene Chloride        | 3.84 | 84   | 209021   | 22.454  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 4.23 | 96   | 176541   | 21.080  | ug/l   | 98     |
| 22) Diisopropyl ether         | 5.13 | 45   | 490318   | 21.416  | ug/l   | 93     |
| 23) Vinyl Acetate             | 5.07 | 43   | 1350507  | 108.594 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 5.00 | 63   | 275234   | 20.456  | ug/l   | 99     |
| 25) 2-Butanone                | 6.08 | 43   | 194438   | 97.401  | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.04 | 77   | 233545   | 21.835  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.05 | 96   | 196590   | 21.425  | ug/l   | 98     |
| 28) Bromochloromethane        | 6.46 | 49   | 106480   | 19.605  | ug/l # | 92     |
| 29) Tetrahydrofuran           | 6.48 | 42   | 107293   | 110.889 | ug/l   | 98     |
| 30) Chloroform                | 6.68 | 83   | 296065   | 21.295  | ug/l   | 97     |
| 31) Cyclohexane               | 6.97 | 56   | 236653   | 22.257  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 6.89 | 97   | 257625   | 21.004  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 7.17 | 75   | 224170   | 20.824  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.19 | 43   | 91089    | 19.785  | ug/l # | 96     |
| 38) Carbon Tetrachloride      | 7.13 | 117  | 250345   | 20.238  | ug/l   | 97     |

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Instrument :  
 MSVOA\_D  
 ClientSampleID :  
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Quant Time: Mar 29 16:48:37 2019  
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 Quant Title : SW846 8260  
 QLast Update : Thu Mar 28 09:22:37 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.88  | 83   | 239477   | 21.360  | ug/l   | 99       |
| 40) Benzene                    | 7.47  | 78   | 545555   | 20.193  | ug/l   | 97       |
| 41) Methacrylonitrile          | 6.46  | 41   | 118367   | 21.989  | ug/l # | 95       |
| 42) 1,2-Dichloroethane         | 7.59  | 62   | 167313   | 20.703  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 9.25  | 43   | 145705   | 21.751  | ug/l   | 95       |
| 44) Trichloroethene            | 8.55  | 130  | 204438   | 20.333  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 8.95  | 63   | 140556   | 20.517  | ug/l   | 95       |
| 46) Dibromomethane             | 9.08  | 93   | 93963    | 20.378  | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.39  | 83   | 224002   | 21.644  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.13  | 41   | 76150    | 20.598  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.09  | 88   | 18283    | 448.372 | ug/l # | 81       |
| 51) 4-Methyl-2-Pentanone       | 10.31 | 43   | 415883   | 102.047 | ug/l   | 98       |
| 52) Toluene                    | 10.51 | 92   | 340389   | 20.652  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.92 | 75   | 193218   | 20.549  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.05 | 75   | 244969   | 21.396  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 11.20 | 97   | 120479   | 20.901  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 11.05 | 69   | 121435   | 19.610  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 11.42 | 76   | 172251   | 20.331  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 347447   | 115.214 | ug/l   | 98       |
| 59) 2-Hexanone                 | 11.54 | 43   | 299404   | 101.398 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.69 | 129  | 180387   | 20.299  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.81 | 107  | 140529   | 21.054  | ug/l   | 98       |
| 64) Tetrachloroethene          | 11.27 | 164  | 152435   | 20.525  | ug/l   | 96       |
| 65) Chlorobenzene              | 12.40 | 112  | 416113   | 21.517  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 12.52 | 131  | 168641   | 22.522  | ug/l   | 99       |
| 67) Ethyl Benzene              | 12.53 | 91   | 676543   | 22.919  | ug/l   | 97       |
| 68) m/p-Xylenes                | 12.68 | 106  | 498328   | 44.566  | ug/l   | 98       |
| 69) o-Xylene                   | 13.05 | 106  | 252156   | 23.238  | ug/l   | 98       |
| 70) Styrene                    | 13.08 | 104  | 418740   | 22.137  | ug/l   | 99       |
| 71) Bromoform                  | 13.24 | 173  | 95863    | 20.196  | ug/l # | 98       |
| 73) Isopropylbenzene           | 13.41 | 105  | 662087   | 21.848  | ug/l   | 97       |
| 74) N-amyl acetate             | 13.27 | 43   | 161769   | 19.162  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 132093   | 20.663  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 130459   | 20.742  | ug/l   | 98       |
| 77) Bromobenzene               | 13.67 | 156  | 180628   | 20.105  | ug/l   | 97       |
| 78) n-propylbenzene            | 13.78 | 91   | 841789   | 22.698  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 13.85 | 91   | 438016   | 21.752  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 539355   | 22.939  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 13.48 | 75   | 37052    | 19.321  | ug/l # | 88       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 499749   | 22.824  | ug/l   | 87       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 600130   | 20.423  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 563421   | 22.133  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 705420   | 22.597  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 14.50 | 119  | 579989   | 21.972  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 309146   | 20.320  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 313755   | 21.148  | ug/l   | 94       |
| 89) n-Butylbenzene             | 14.81 | 91   | 548459   | 22.637  | ug/l   | 99       |
| 90) Hexachloroethane           | 15.01 | 117  | 153115   | 20.532  | ug/l   | 73       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 274106   | 21.965  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.39 | 75   | 14627    | 19.508  | ug/l   | 94       |

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Sample : VD0329SBSD01  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0329SBSD01

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 28 09:22:37 2019  
Response via : Initial Calibration

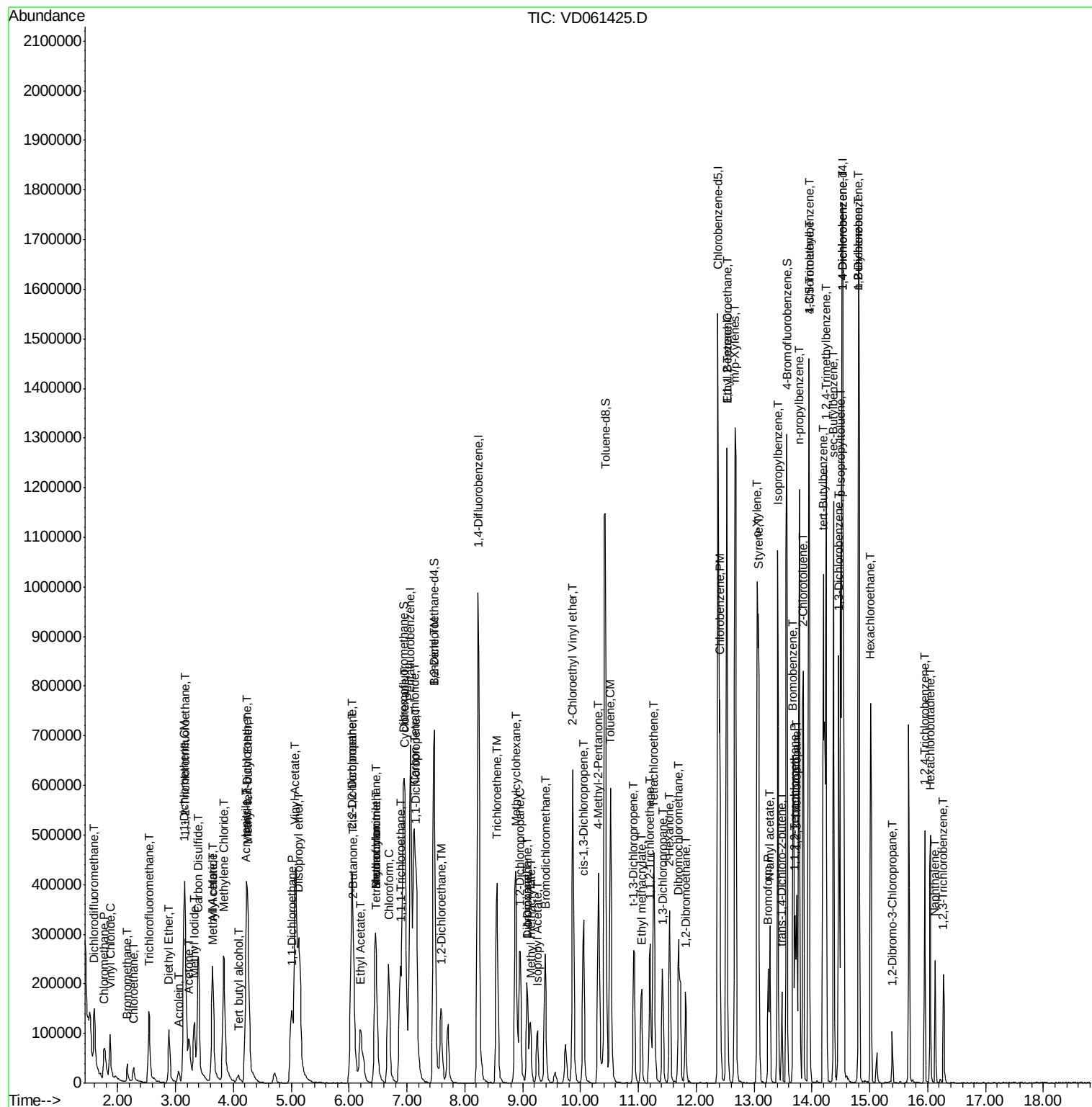
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180  | 123117   | 21.658 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 16.05 | 225  | 92348    | 20.789 | ug/l  | 96       |
| 95) Naphthalene            | 16.13 | 128  | 175197   | 20.219 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 54728    | 21.878 | ug/l  | 93       |

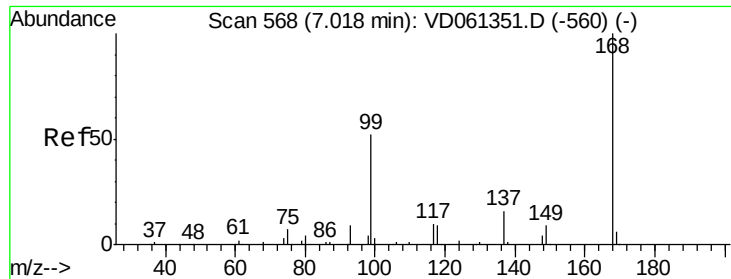
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.04 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

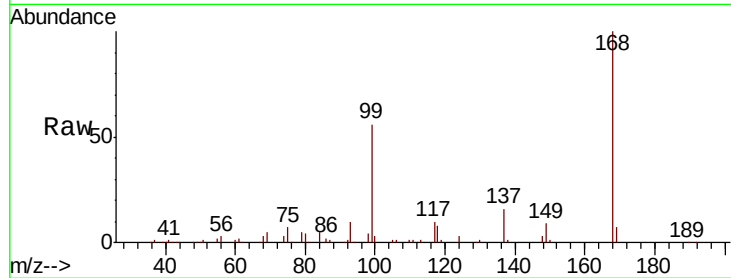
VD0329SBSD01

Tgt Ion:168 Resp: 722671

Ion Ratio Lower Upper

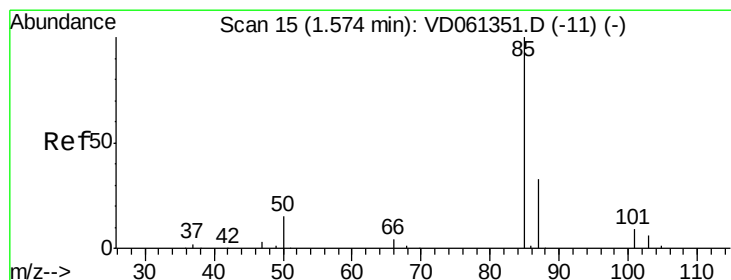
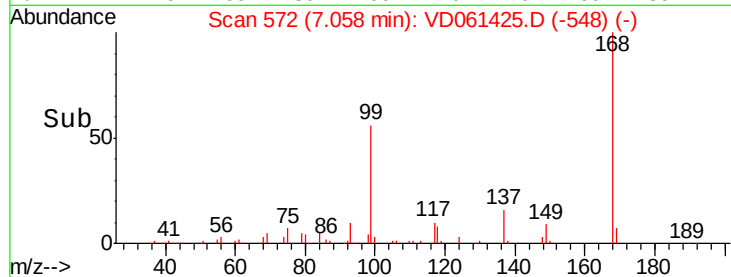
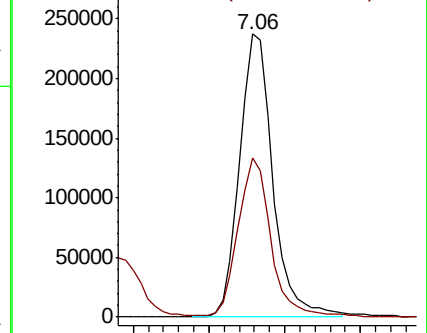
168 100

99 56.2 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 21.124 ug/l

RT: 1.59 min Scan# 17

Delta R.T. 0.02 min

Lab File: VD061425.D

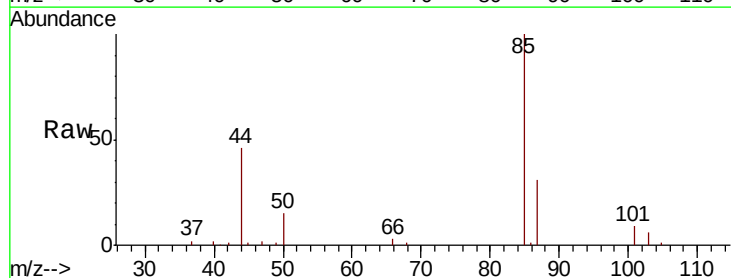
Acq: 29 Mar 2019 13:09

Tgt Ion: 85 Resp: 163029

Ion Ratio Lower Upper

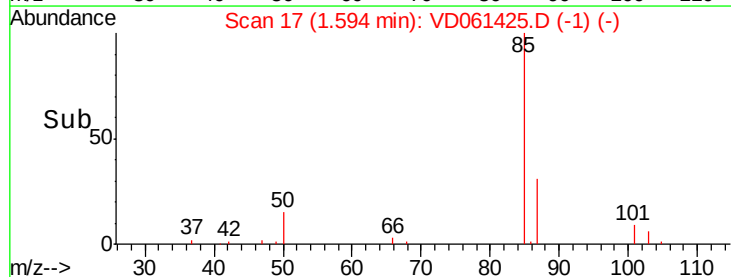
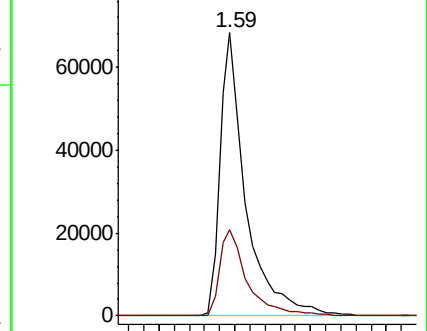
85 100

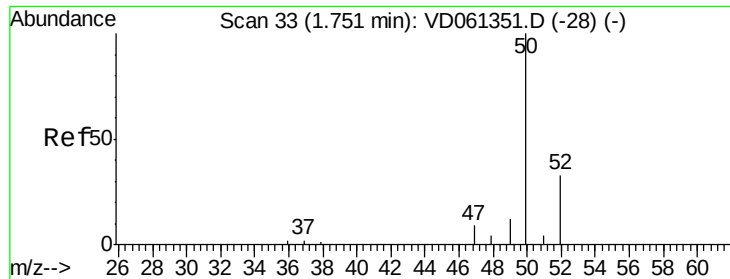
87 30.6 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.056 ug/l

RT: 1.77 min Scan# 35

Delta R.T. 0.02 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

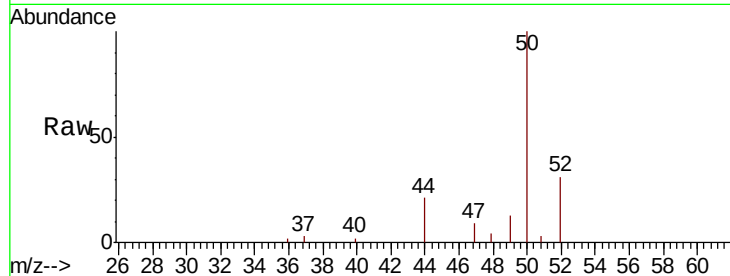
VD0329SBSD01

Tgt Ion: 50 Resp: 132530

Ion Ratio Lower Upper

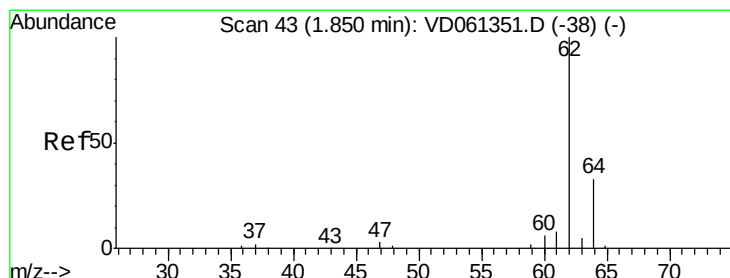
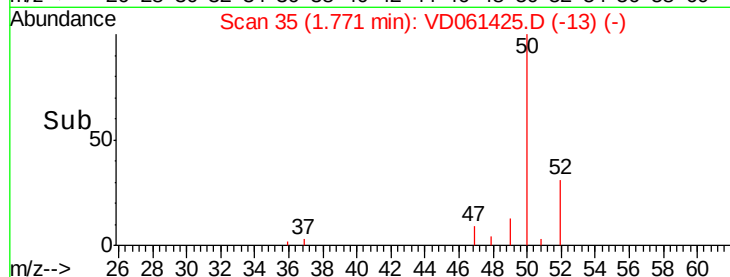
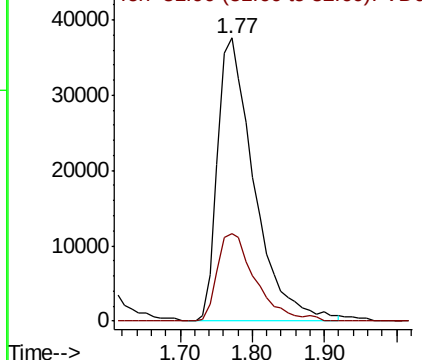
50 100

52 30.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.420 ug/l

RT: 1.87 min Scan# 45

Delta R.T. 0.02 min

Lab File: VD061425.D

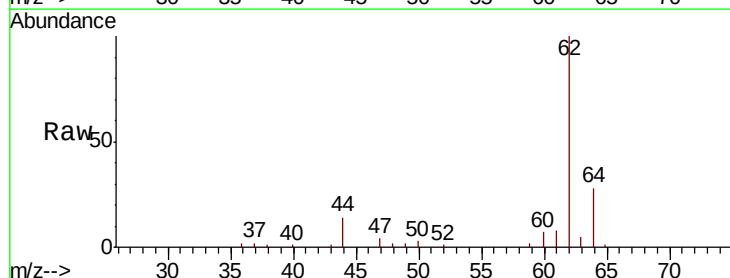
Acq: 29 Mar 2019 13:09

Tgt Ion: 62 Resp: 118012

Ion Ratio Lower Upper

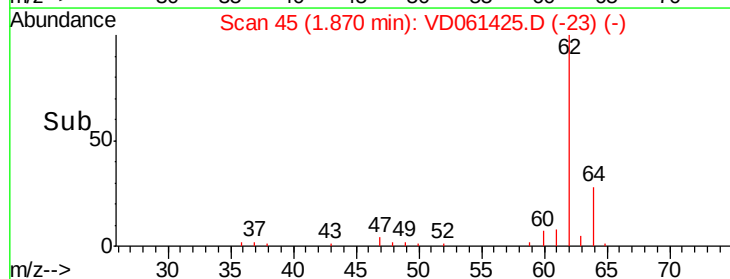
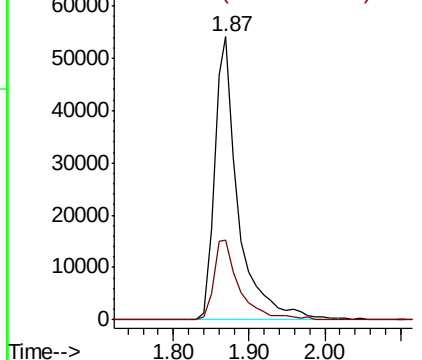
62 100

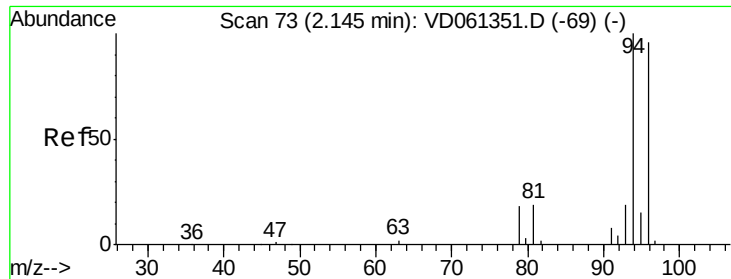
64 28.4 26.6 39.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

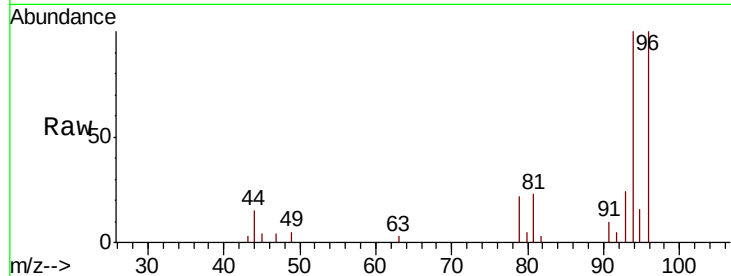




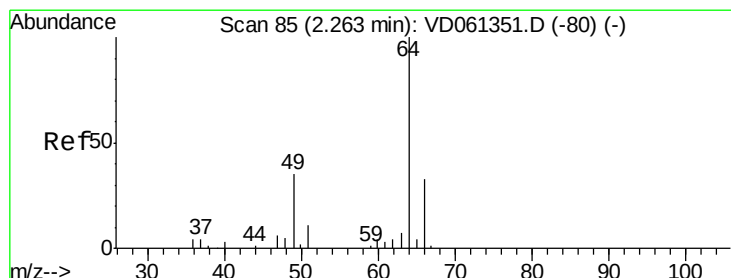
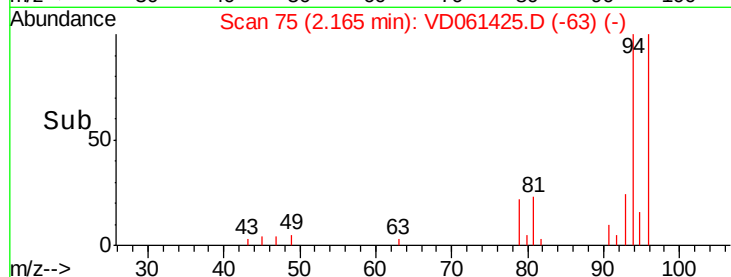
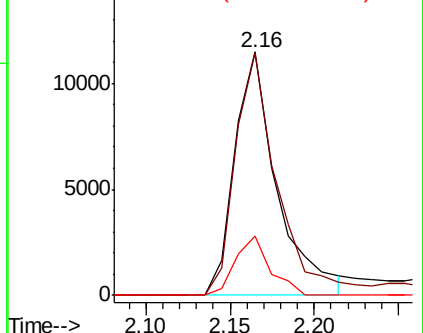
#5  
Bromomethane  
Concen: 17.574 ug/l  
RT: 2.16 min Scan# 75  
Delta R.T. 0.02 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0329SBSD01

Tgt Ion: 94 Resp: 20140  
Ion Ratio Lower Upper  
94 100  
96 99.6 78.3 117.5  
93 24.2 15.6 23.4#

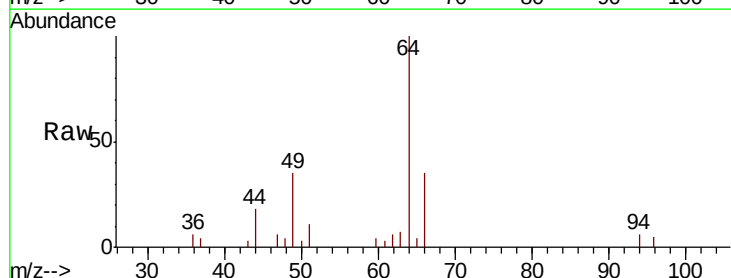


Abundance Ion 94.00 (93.70 to 94.70): VDC  
Ion 96.00 (95.70 to 96.70): VDC  
Ion 93.00 (92.70 to 93.70): VDC

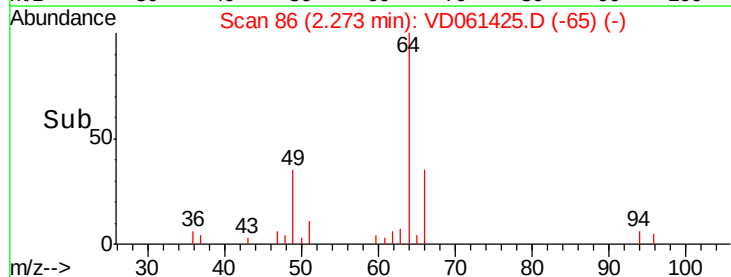
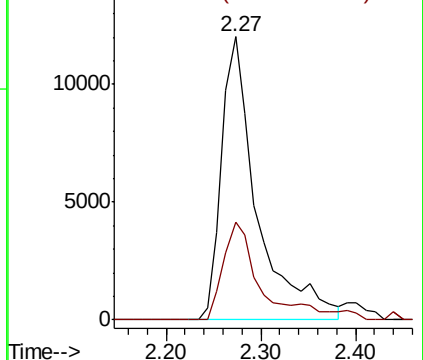


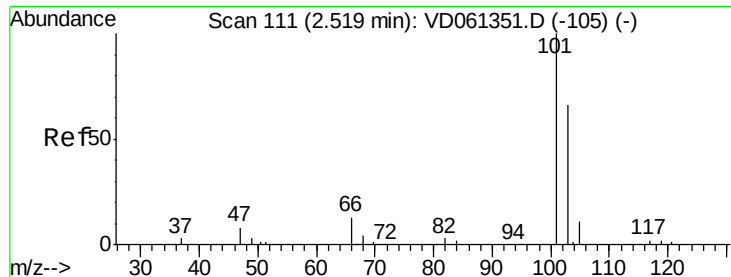
#6  
Chloroethane  
Concen: 18.550 ug/l  
RT: 2.27 min Scan# 86  
Delta R.T. 0.01 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Tgt Ion: 64 Resp: 31438  
Ion Ratio Lower Upper  
64 100  
66 34.6 26.2 39.2



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



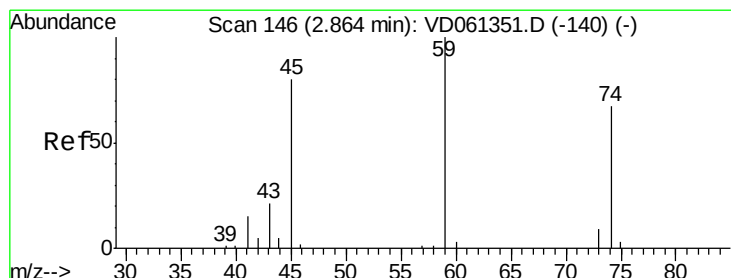
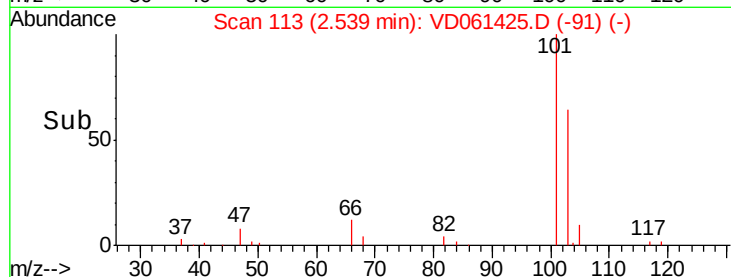
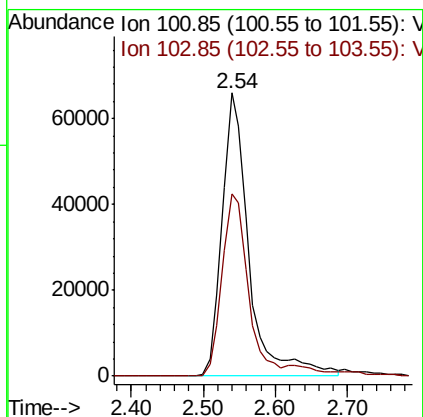
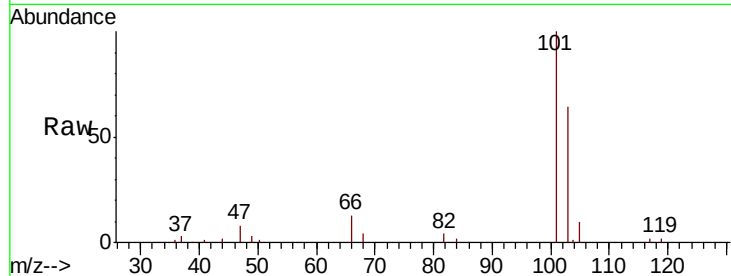


#7

Trichlorofluoromethane  
 Concen: 20.253 ug/l  
 RT: 2.54 min Scan# 113  
 Delta R.T. 0.02 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBSD01

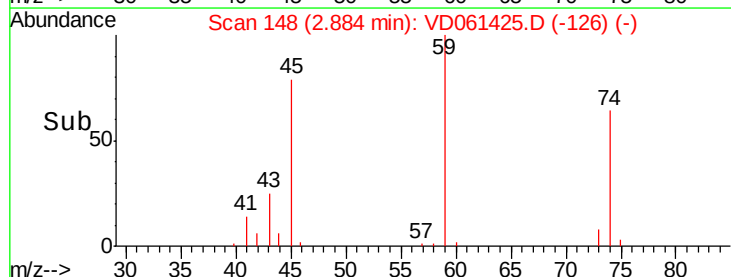
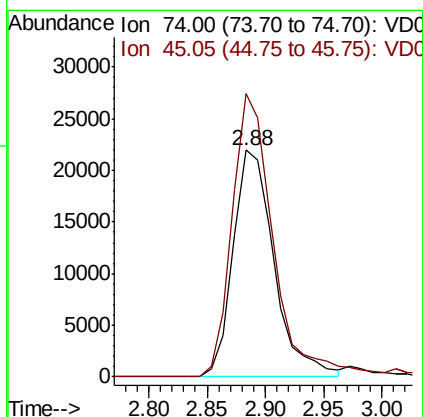
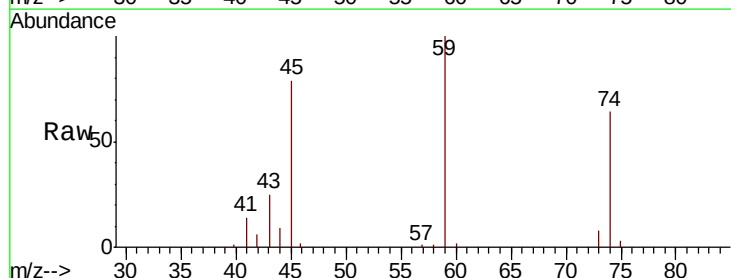
Tgt Ion: 101 Resp: 170207  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 53.1 79.7



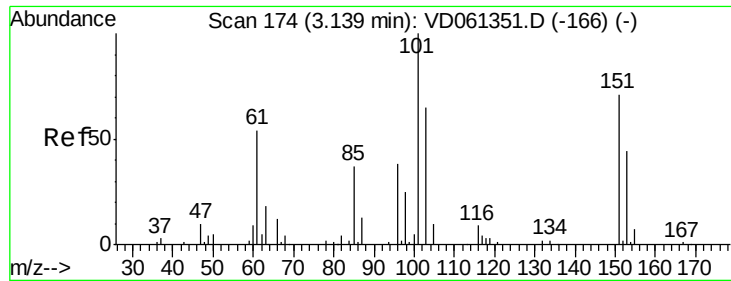
#8

Diethyl Ether  
 Concen: 19.808 ug/l  
 RT: 2.88 min Scan# 148  
 Delta R.T. 0.02 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Tgt Ion: 74 Resp: 53596  
 Ion Ratio Lower Upper  
 74 100  
 45 124.7 59.7 179.1







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.142 ug/l

RT: 3.16 min Scan# 176

Delta R.T. 0.02 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0329SBS01

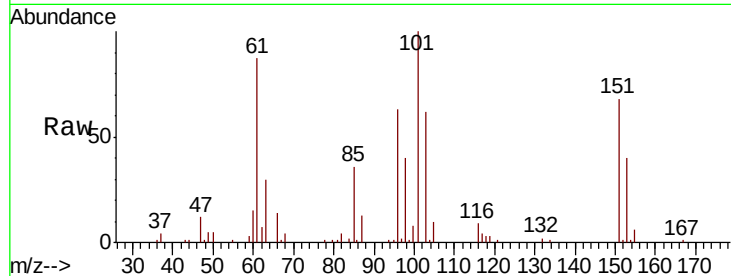
Tgt Ion:101 Resp: 181983

Ion Ratio Lower Upper

101 100

85 36.1 29.4 44.0

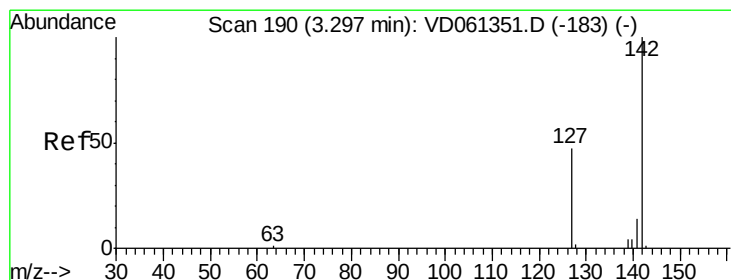
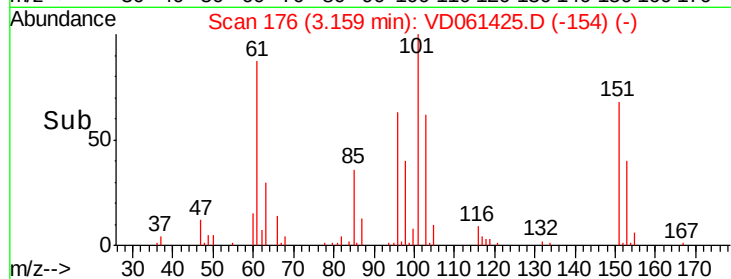
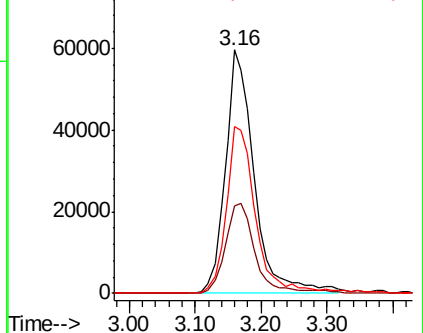
151 68.3 57.0 85.4



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: 19.460 ug/l

RT: 3.33 min Scan# 193

Delta R.T. 0.03 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

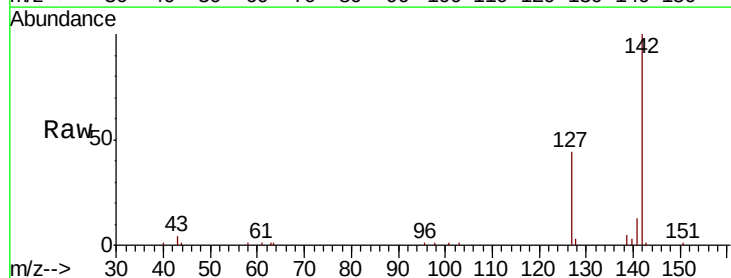
Tgt Ion:142 Resp: 236046

Ion Ratio Lower Upper

142 100

127 43.7 37.7 56.5

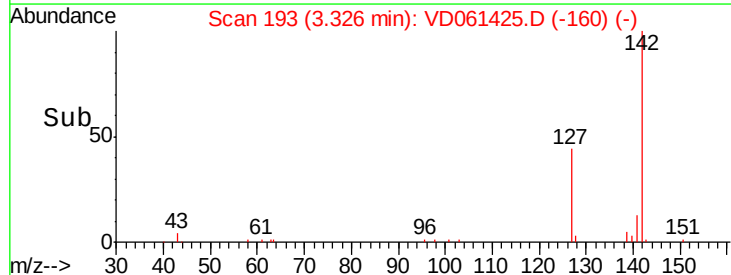
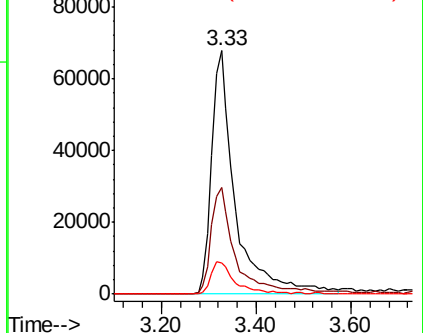
141 12.7 11.5 17.3

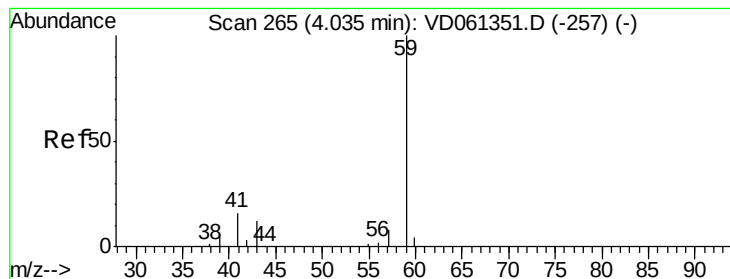


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



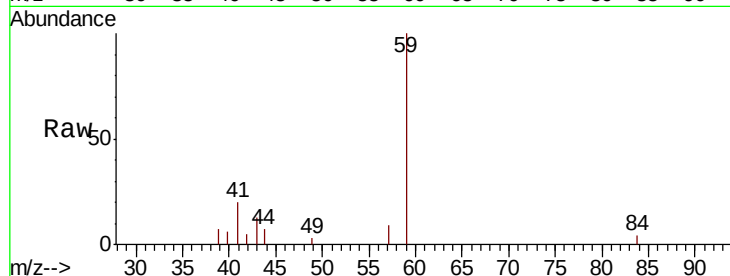


#11

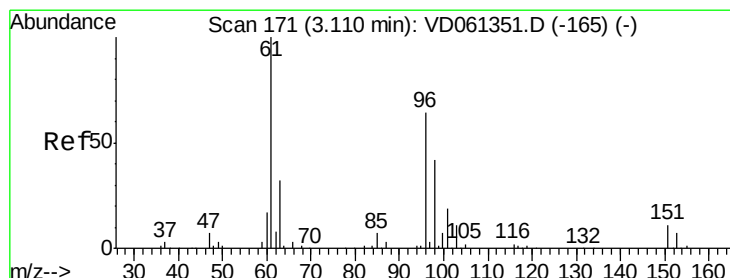
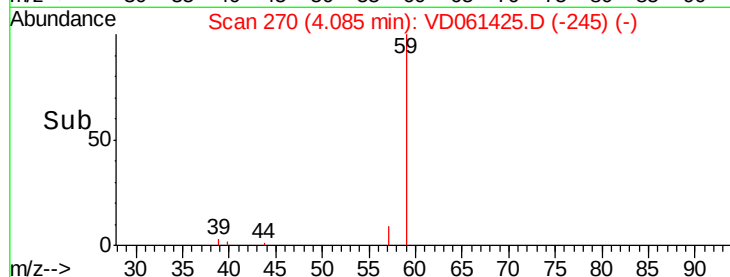
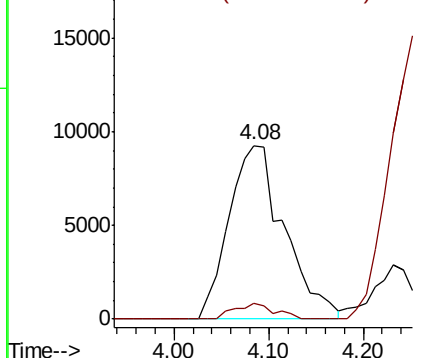
Tert butyl alcohol  
 Concen: 97.369 ug/l  
 RT: 4.08 min Scan# 270  
 Delta R.T. 0.05 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBSD01

Tgt Ion: 59 Resp: 37434  
 Ion Ratio Lower Upper  
 59 100  
 57 9.2 6.7 10.1



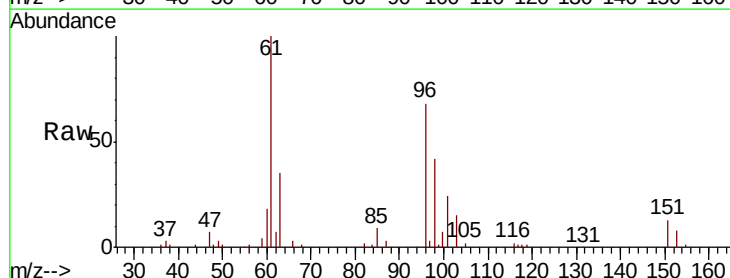
Abundance Ion 58.95 (58.65 to 59.65): VDC  
 Ion 56.95 (56.65 to 57.65): VDC



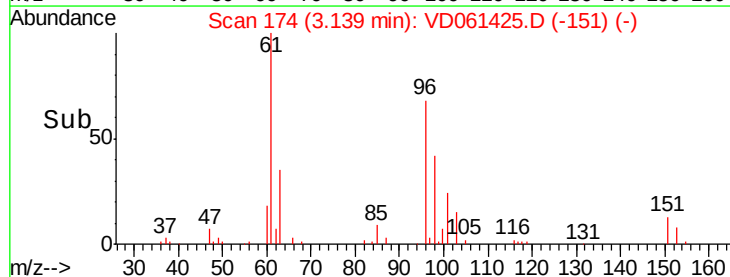
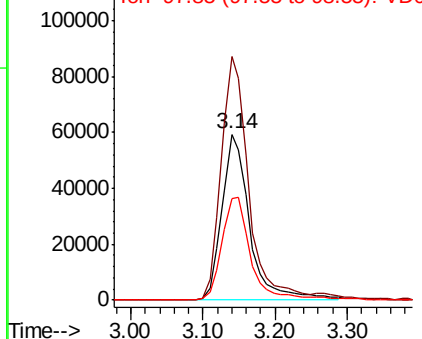
#12

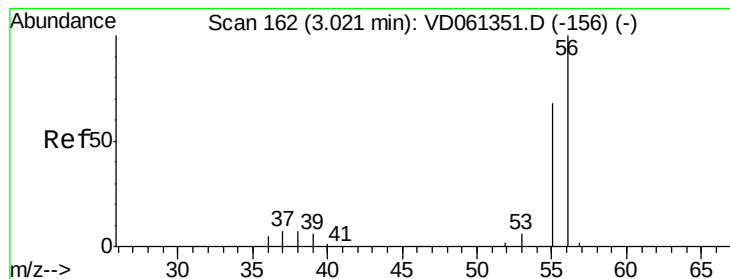
1,1-Dichloroethene  
 Concen: 20.404 ug/l  
 RT: 3.14 min Scan# 174  
 Delta R.T. 0.03 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Tgt Ion: 96 Resp: 158270  
 Ion Ratio Lower Upper  
 96 100  
 61 147.0 124.9 187.3  
 98 61.1 52.5 78.7



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





#13

Acrolein

Concen: 85.484 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.03 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

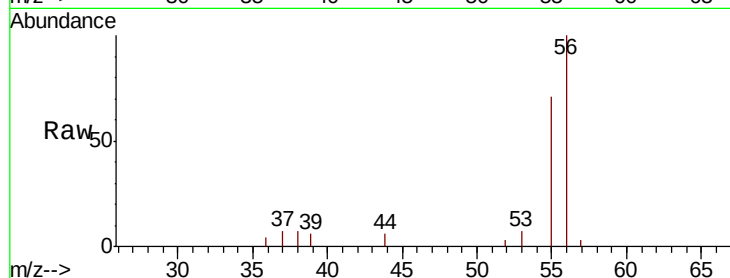
VD0329SBS01

Tgt Ion: 56 Resp: 29457

Ion Ratio Lower Upper

56 100

55 70.9 54.6 82.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

12000

10000

8000

6000

4000

2000

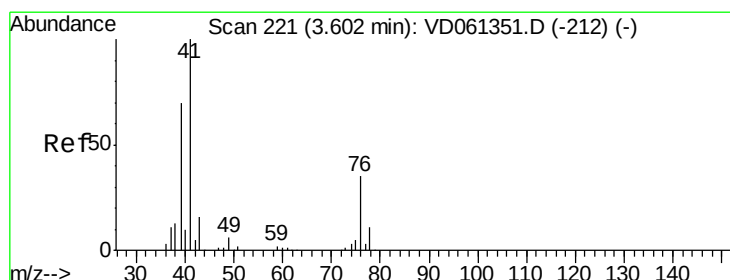
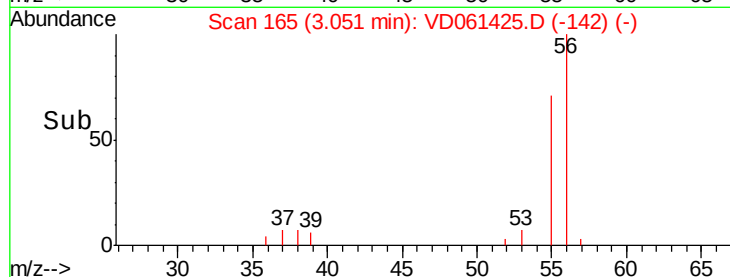
0

Time-->

3.00

3.10

3.20



#14

Allyl chloride

Concen: 20.850 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.04 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

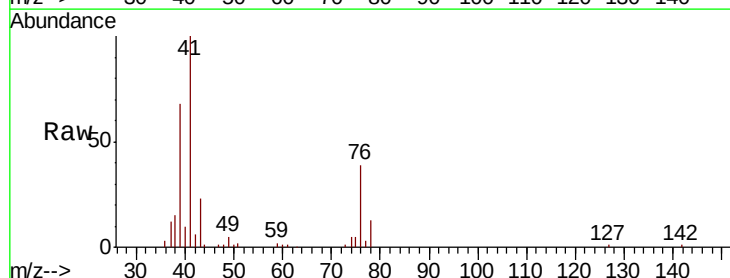
Tgt Ion: 41 Resp: 225579

Ion Ratio Lower Upper

41 100

39 67.6 55.6 83.4

76 39.5 31.0 46.6



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

100000

80000

60000

40000

20000

0

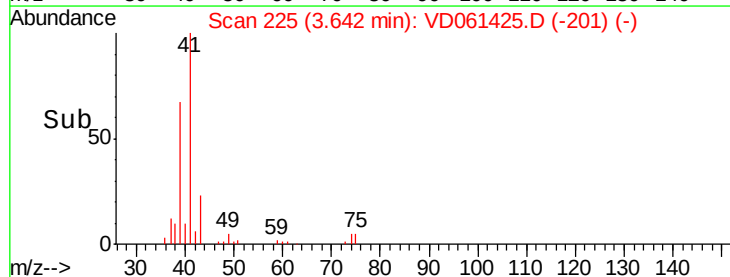
Time-->

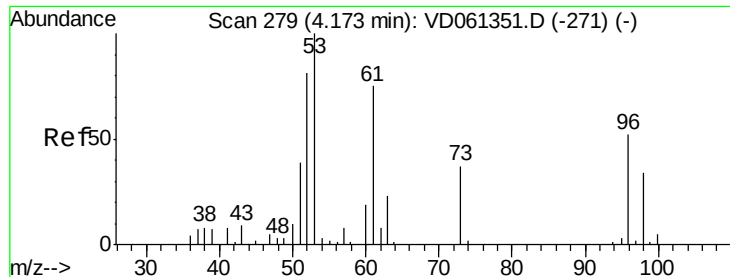
3.50

3.60

3.70

3.80





#15

Acrylonitrile

Concen: 105.070 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.04 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0329SBS01

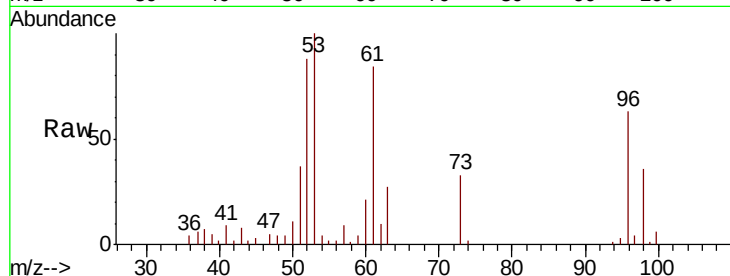
Tgt Ion: 53 Resp: 140203

Ion Ratio Lower Upper

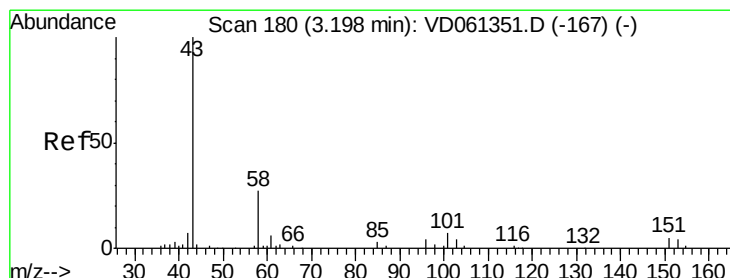
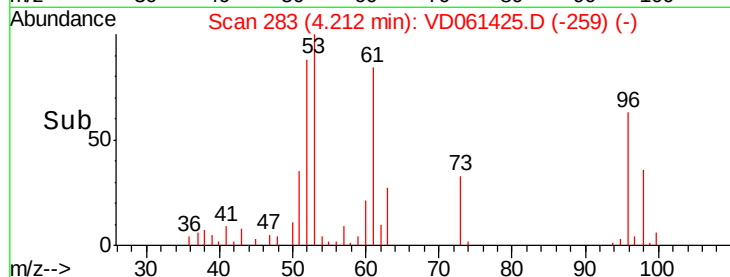
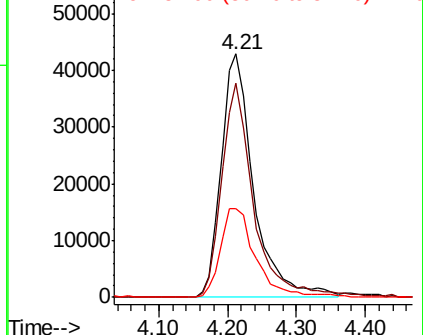
53 100

52 88.1 64.8 97.2

51 36.7 31.4 47.2



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



#16

Acetone

Concen: 92.355 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD061425.D

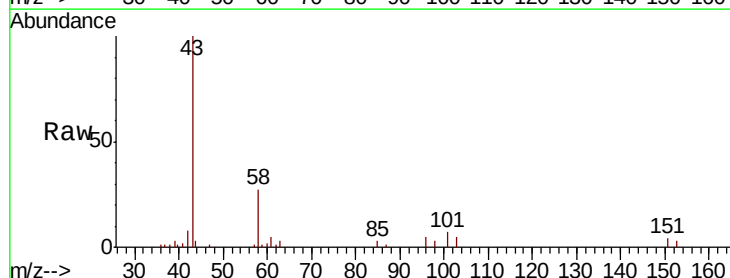
Acq: 29 Mar 2019 13:09

Tgt Ion: 43 Resp: 146563

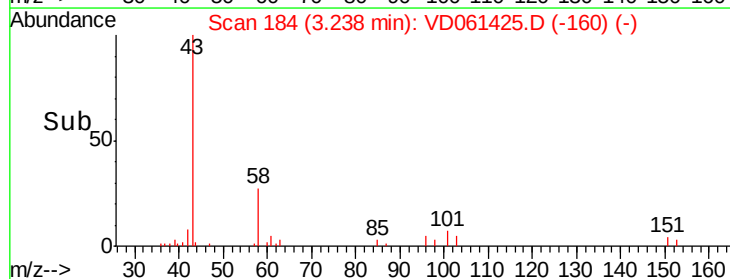
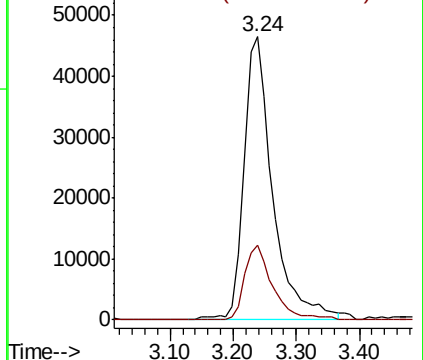
Ion Ratio Lower Upper

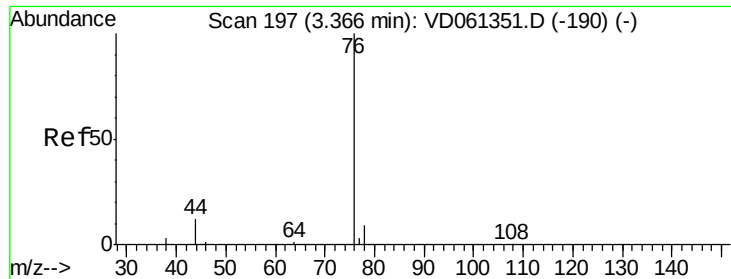
43 100

58 26.5 21.5 32.3



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

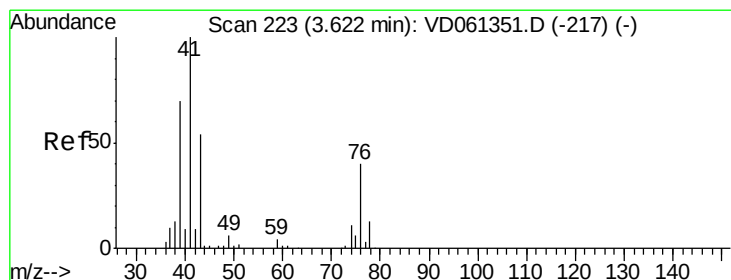
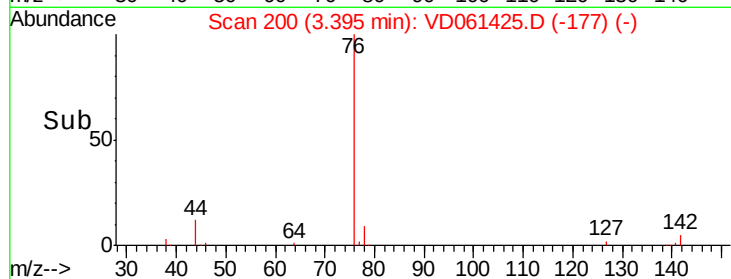
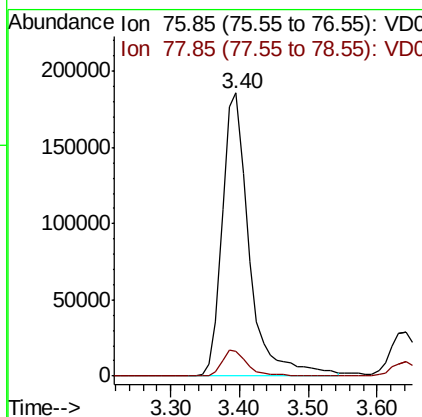
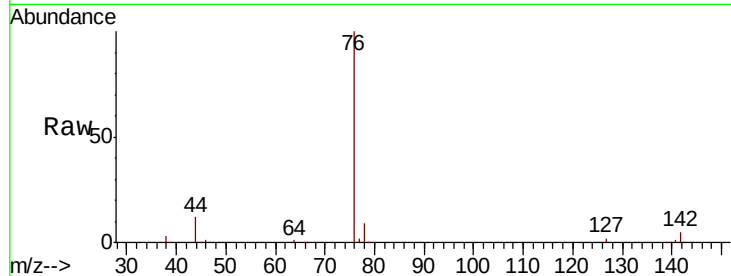




#17  
Carbon Disulfide  
Concen: 20.017 ug/l  
RT: 3.40 min Scan# 200  
Delta R.T. 0.03 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

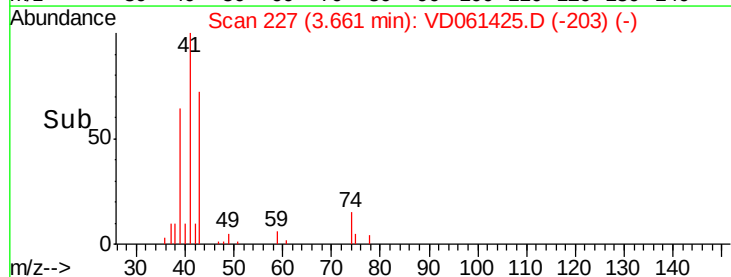
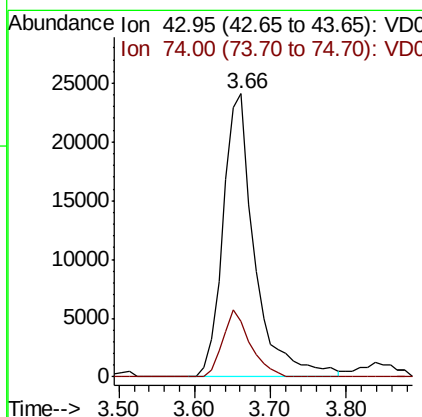
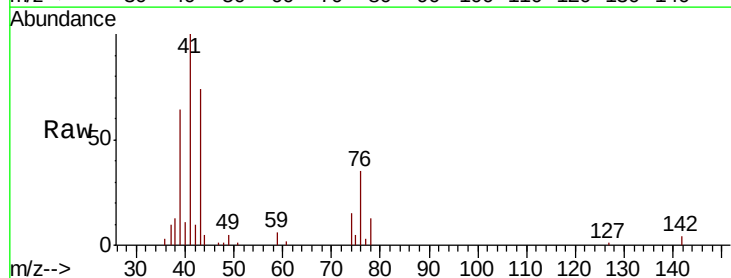
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0329SBSD01

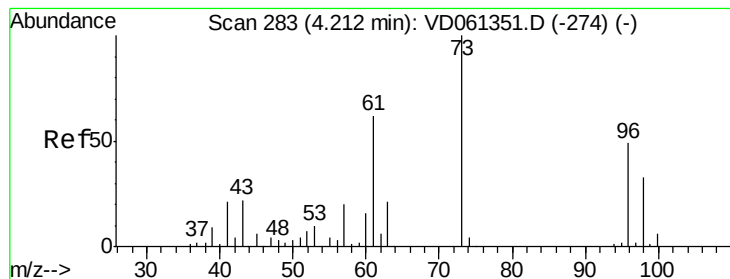
Tgt Ion: 76 Resp: 504471  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.1 10.7



#18  
Methyl Acetate  
Concen: 20.873 ug/l  
RT: 3.66 min Scan# 227  
Delta R.T. 0.04 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Tgt Ion: 43 Resp: 69645  
Ion Ratio Lower Upper  
43 100  
74 19.8 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 19.941 ug/l

RT: 4.25 min Scan# 287

Delta R.T. 0.04 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

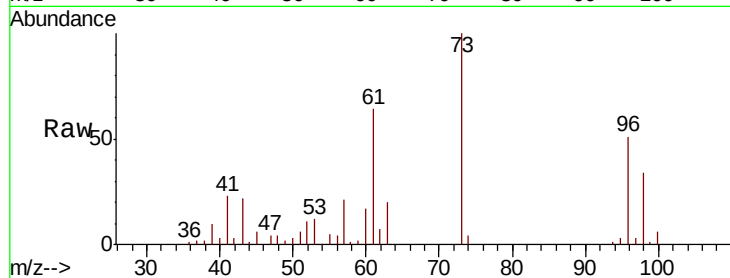
VD0329SBS01

Tgt Ion: 73 Resp: 267756

Ion Ratio Lower Upper

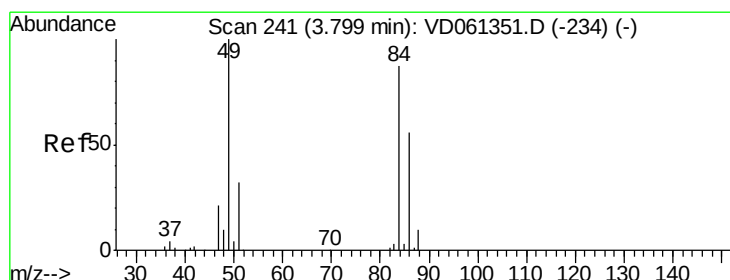
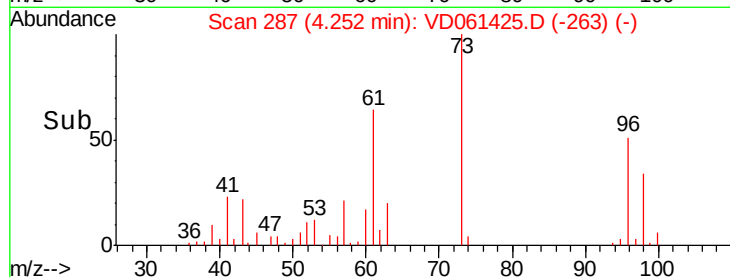
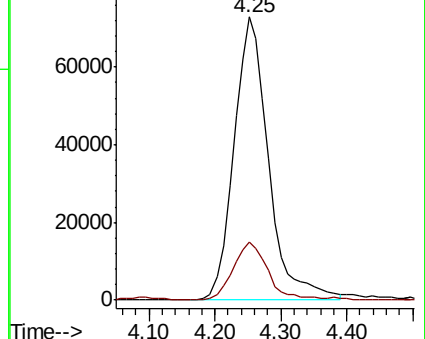
73 100

57 20.7 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.05 (56.75 to 57.75): VDC



#20

Methylene Chloride

Concen: 22.454 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Tgt Ion: 84 Resp: 209021

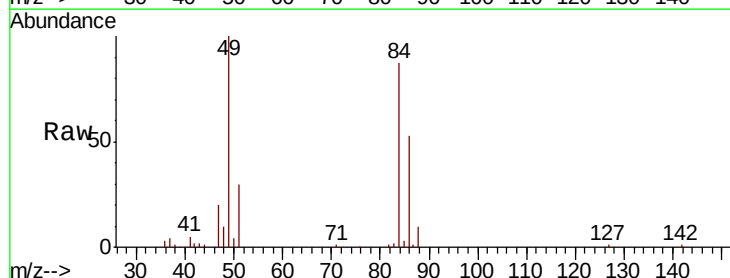
Ion Ratio Lower Upper

84 100

49 114.4 91.8 137.8

51 34.8 29.8 44.8

86 60.6 51.8 77.6

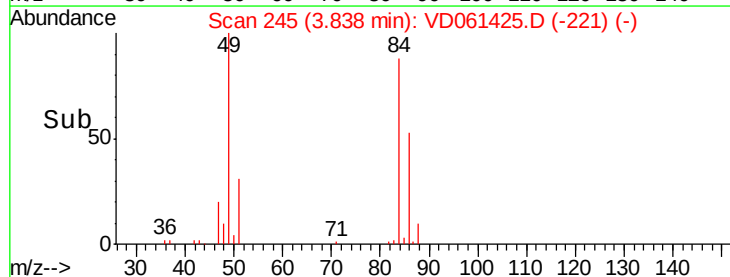
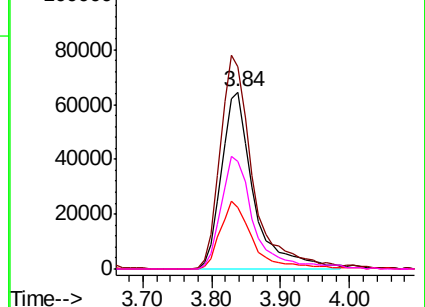


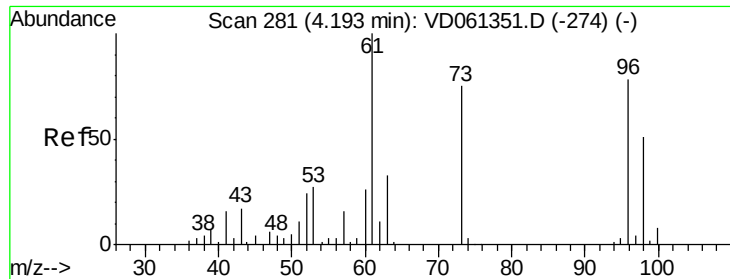
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 21.080 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.04 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0329SBS01

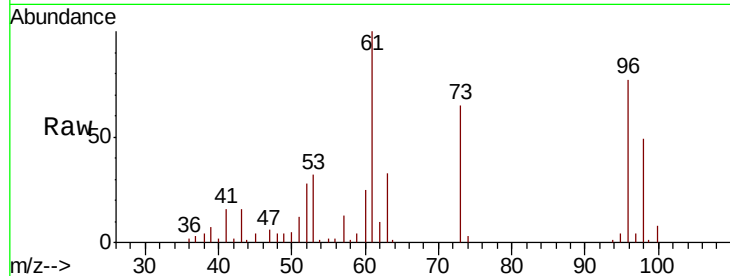
Tgt Ion: 96 Resp: 176541

Ion Ratio Lower Upper

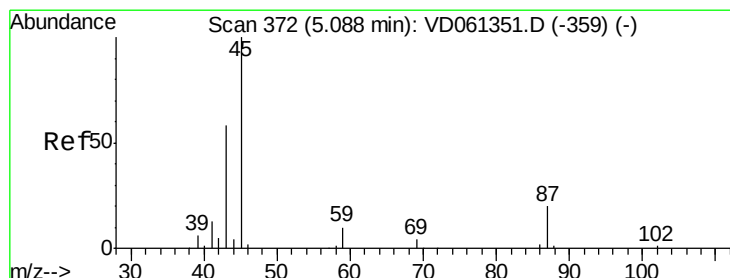
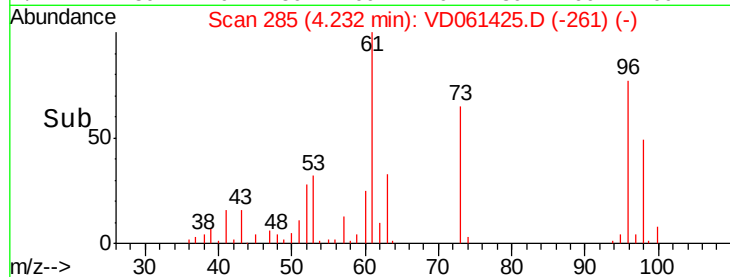
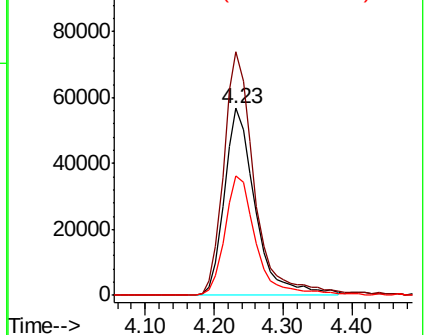
96 100

61 130.2 102.7 154.1

98 63.8 52.2 78.4



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: 21.416 ug/l

RT: 5.13 min Scan# 376

Delta R.T. 0.04 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Tgt Ion: 45 Resp: 490318

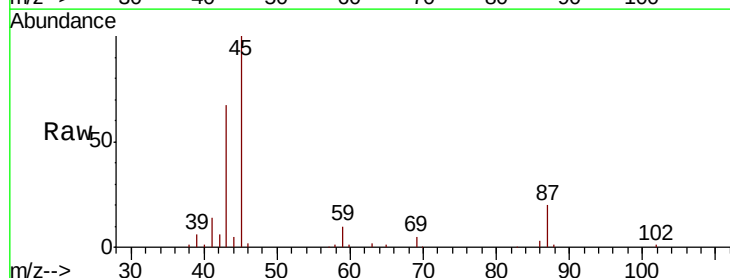
Ion Ratio Lower Upper

45 100

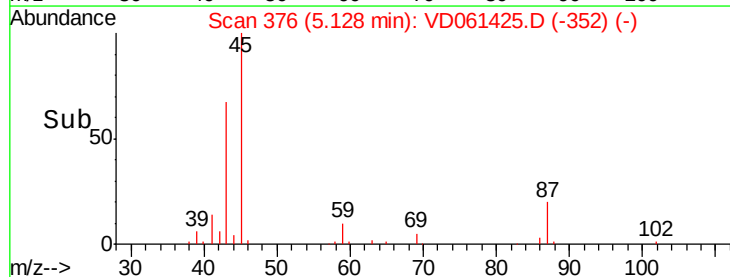
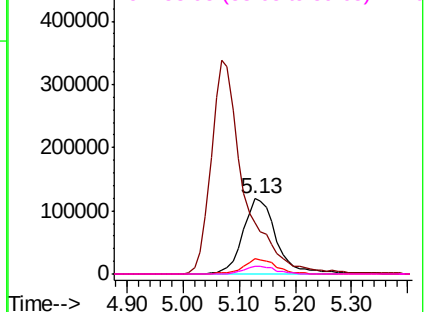
43 67.3 47.4 71.2

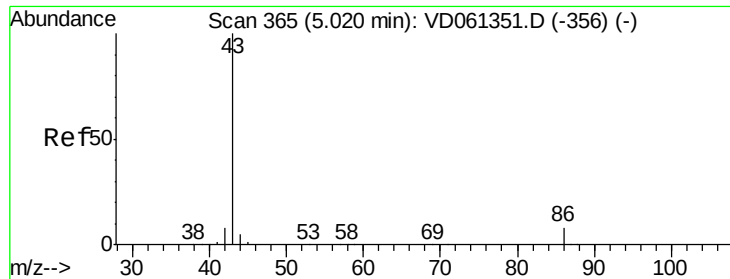
87 20.2 16.3 24.5

59 10.0 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

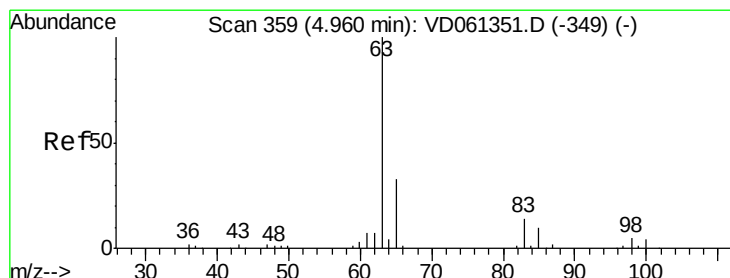
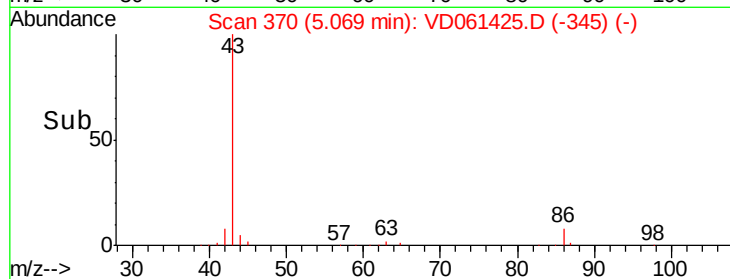
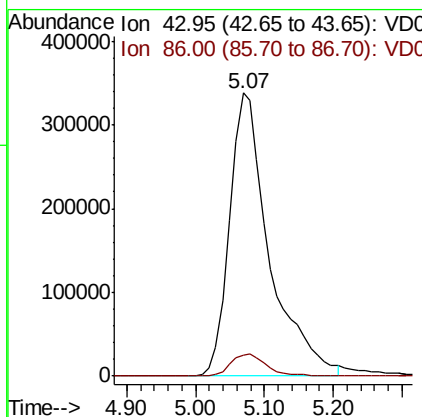
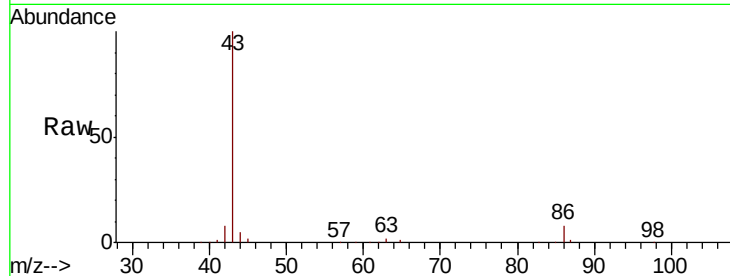




#23  
 Vinyl Acetate  
 Concen: 108.594 ug/l  
 RT: 5.07 min Scan# 370  
 Delta R.T. 0.05 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

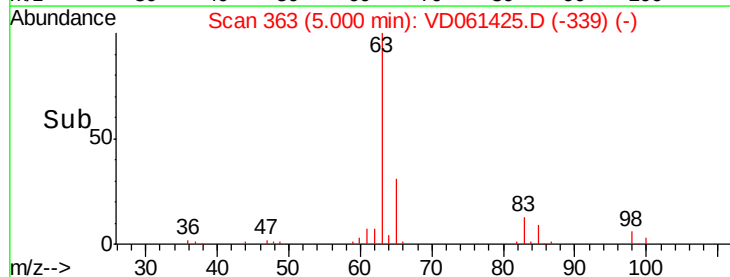
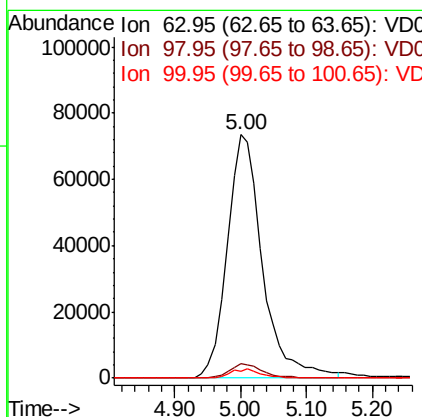
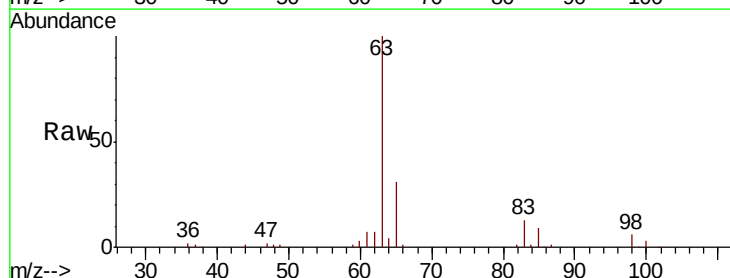
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBSD01

Tgt Ion: 43 Resp: 1350507  
 Ion Ratio Lower Upper  
 43 100  
 86 7.6 6.7 10.1

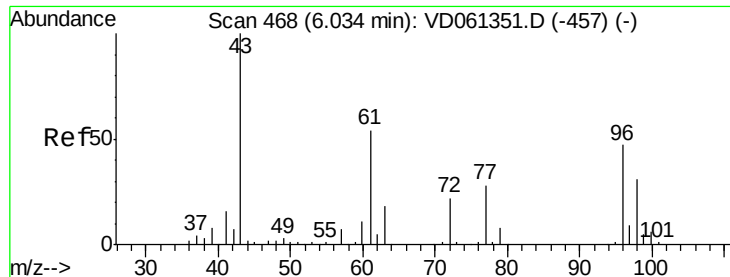


#24  
 1,1-Dichloroethane  
 Concen: 20.456 ug/l  
 RT: 5.00 min Scan# 363  
 Delta R.T. 0.04 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Tgt Ion: 63 Resp: 275234  
 Ion Ratio Lower Upper  
 63 100  
 98 5.8 2.6 8.0  
 100 3.1 1.8 5.3







#25

2-Butanone

Concen: 97.401 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.05 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

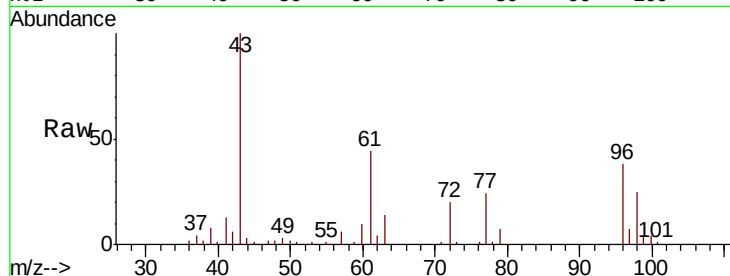
VD0329SBSD01

Tgt Ion: 43 Resp: 194438

Ion Ratio Lower Upper

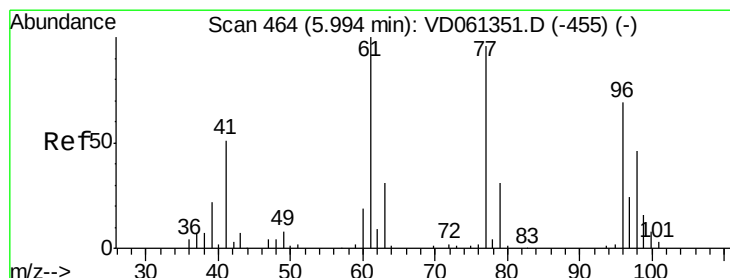
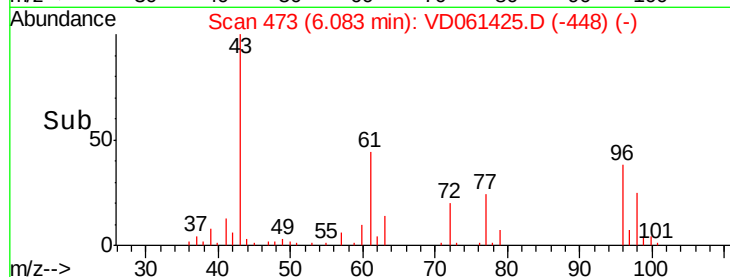
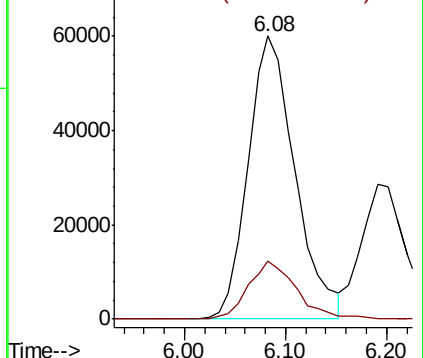
43 100

72 20.4 17.2 25.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.835 ug/l

RT: 6.04 min Scan# 469

Delta R.T. 0.05 min

Lab File: VD061425.D

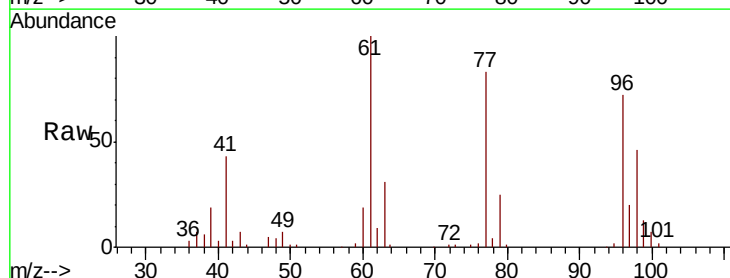
Acq: 29 Mar 2019 13:09

Tgt Ion: 77 Resp: 233545

Ion Ratio Lower Upper

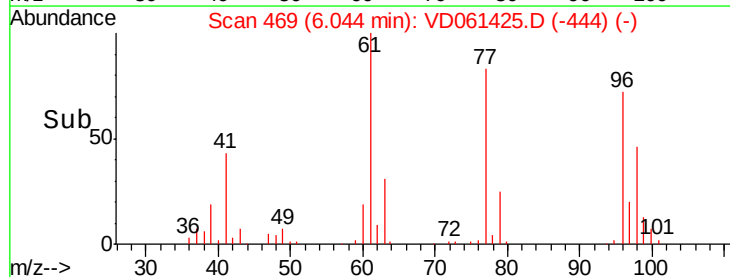
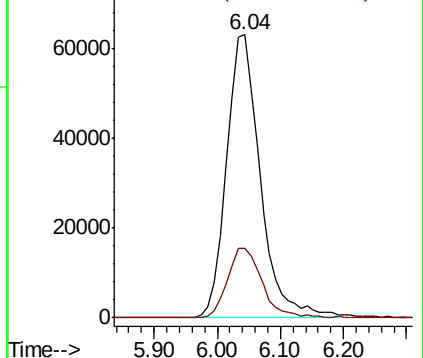
77 100

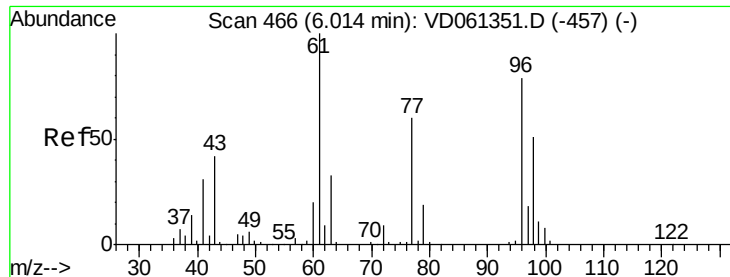
97 24.5 12.7 38.0



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



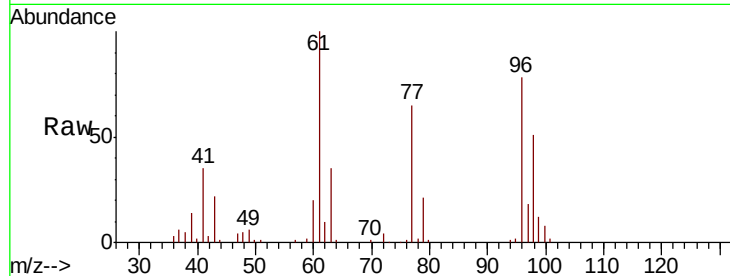


#27

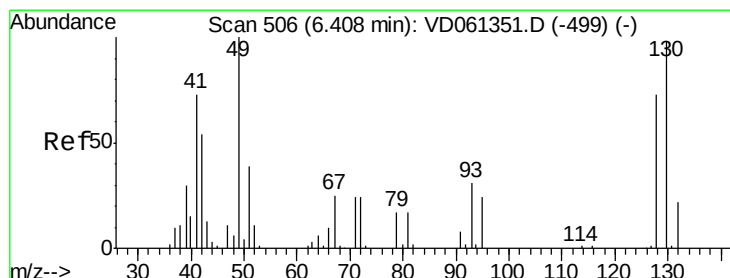
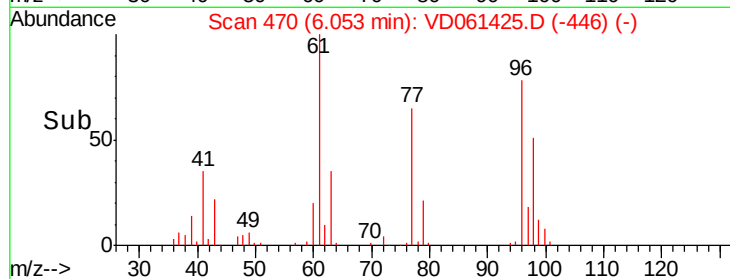
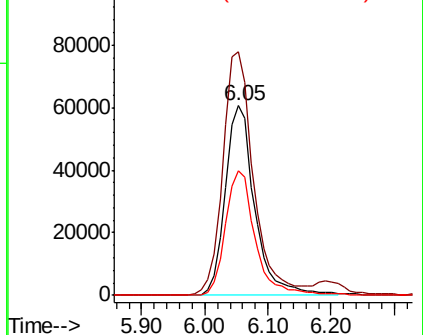
cis-1,2-Dichloroethene  
 Concen: 21.425 ug/l  
 RT: 6.05 min Scan# 470  
 Delta R.T. 0.04 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBSD01

Tgt Ion: 96 Resp: 196590  
 Ion Ratio Lower Upper  
 96 100  
 61 128.6 0.0 251.6  
 98 65.5 0.0 129.2



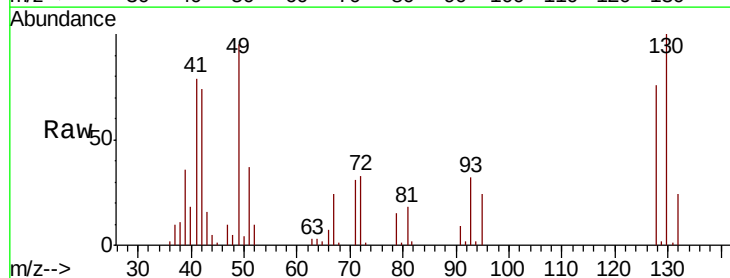
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC



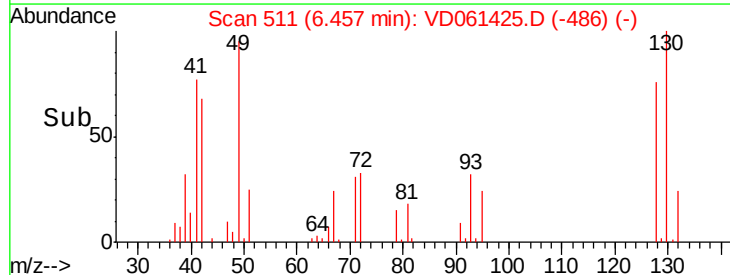
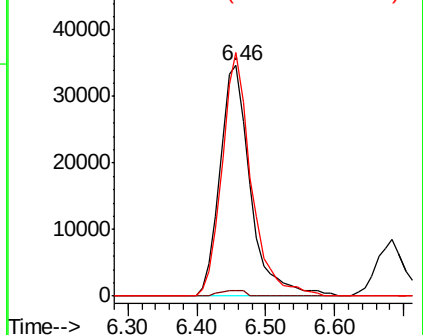
#28

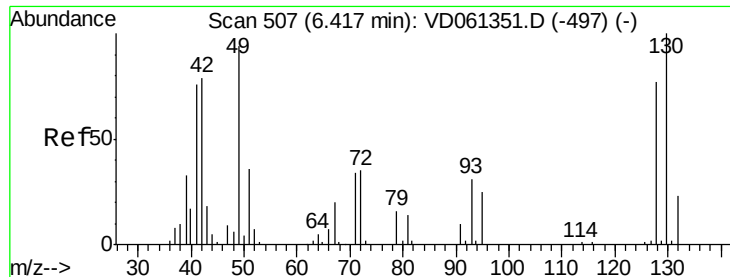
Bromochloromethane  
 Concen: 19.605 ug/l  
 RT: 6.46 min Scan# 511  
 Delta R.T. 0.05 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Tgt Ion: 49 Resp: 106480  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 0.0#  
 130 105.5 78.4 117.6



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





#29

Tetrahydrofuran

Concen: 110.889 ug/l

RT: 6.48 min Scan# 513

Delta R.T. 0.06 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0329SBS01

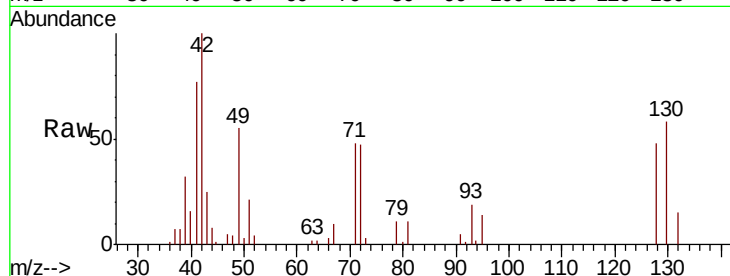
Tgt Ion: 42 Resp: 107293

Ion Ratio Lower Upper

42 100

72 45.6 37.4 56.0

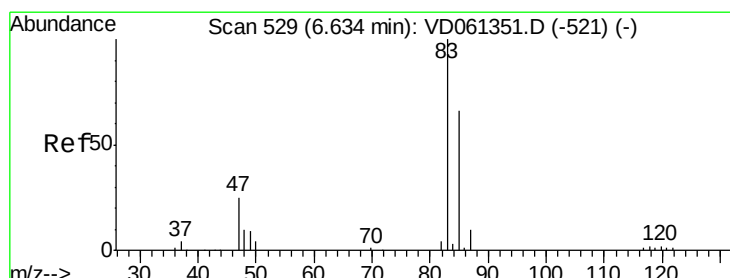
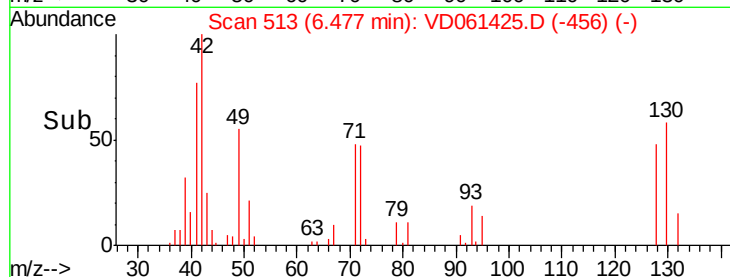
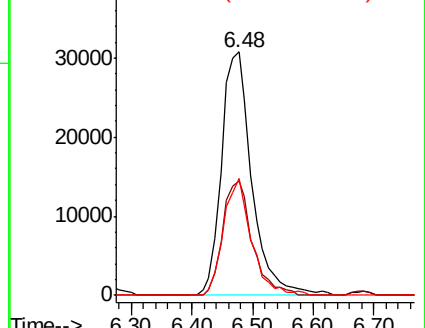
71 44.0 36.7 55.1



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 21.295 ug/l

RT: 6.68 min Scan# 534

Delta R.T. 0.05 min

Lab File: VD061425.D

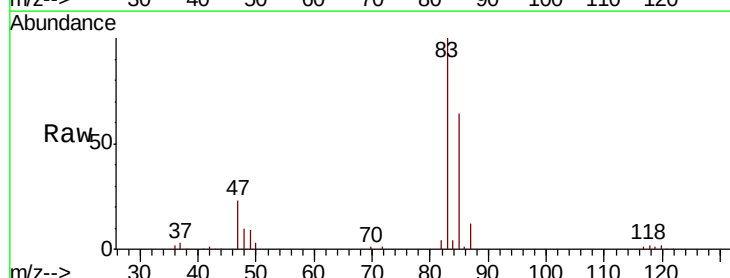
Acq: 29 Mar 2019 13:09

Tgt Ion: 83 Resp: 296065

Ion Ratio Lower Upper

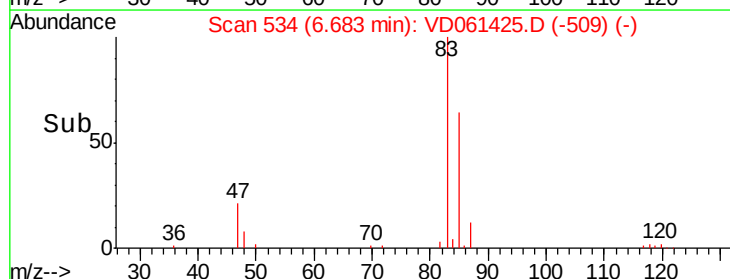
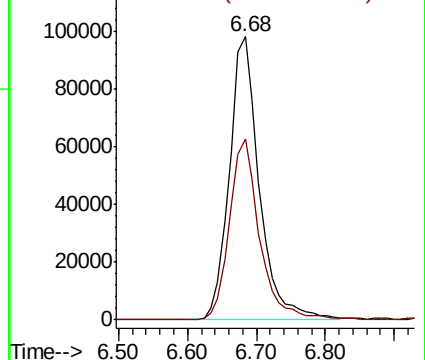
83 100

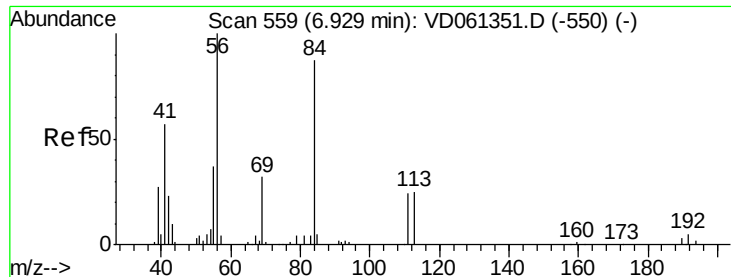
85 63.8 53.0 79.4



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

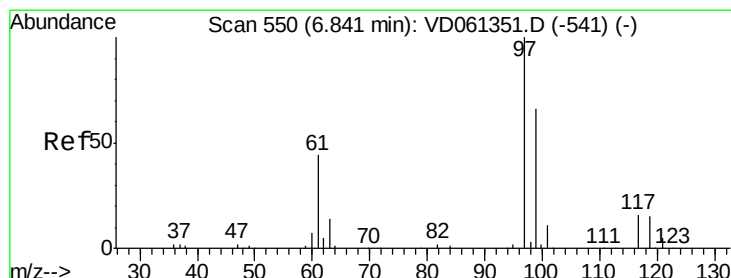
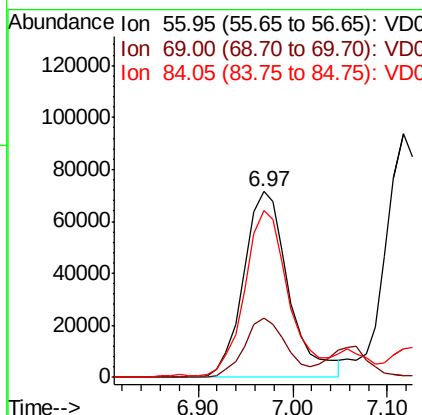
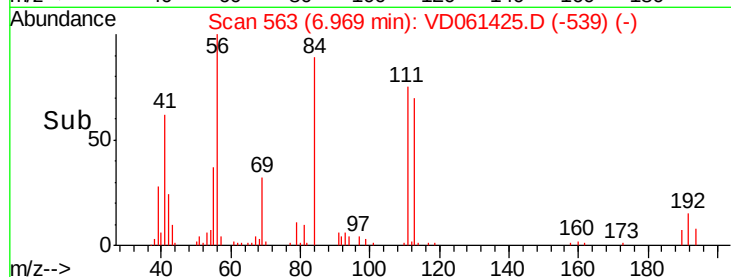
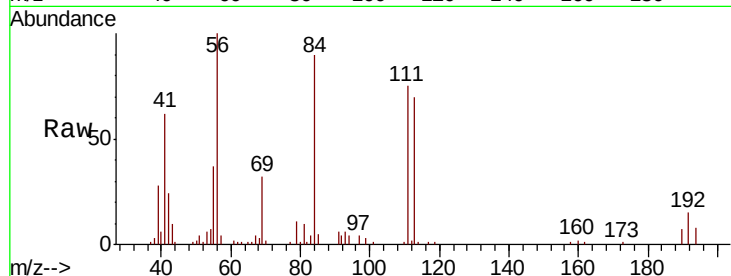




#31  
Cyclohexane  
Concen: 22.257 ug/l  
RT: 6.97 min Scan# 563  
Delta R.T. 0.04 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

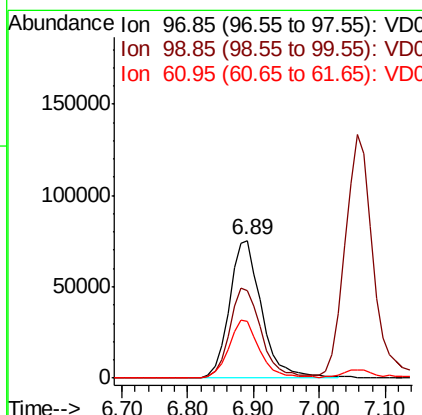
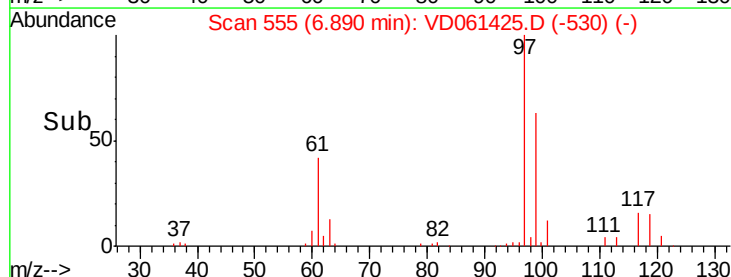
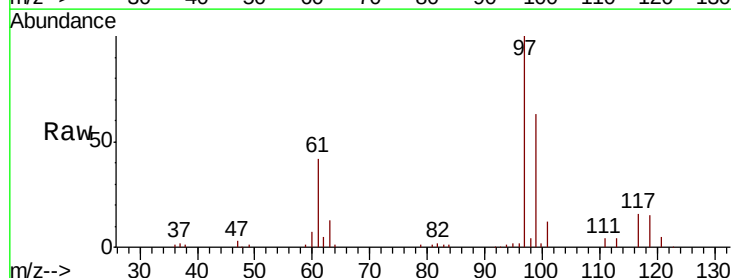
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0329SBSD01

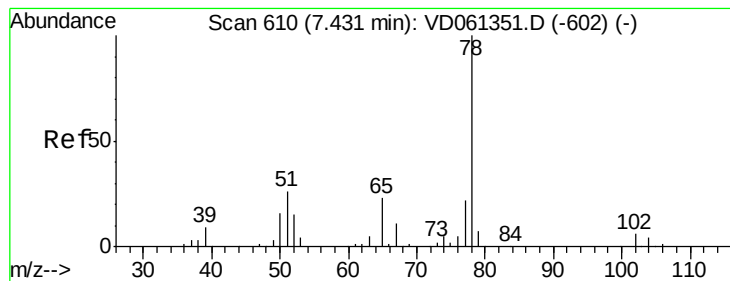
Tgt Ion: 56 Resp: 236653  
Ion Ratio Lower Upper  
56 100  
69 32.2 25.7 38.5  
84 89.8 70.6 105.8



#32  
1,1,1-Trichloroethane  
Concen: 21.004 ug/l  
RT: 6.89 min Scan# 555  
Delta R.T. 0.05 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Tgt Ion: 97 Resp: 257625  
Ion Ratio Lower Upper  
97 100  
99 63.4 53.1 79.7  
61 41.7 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 21.004 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

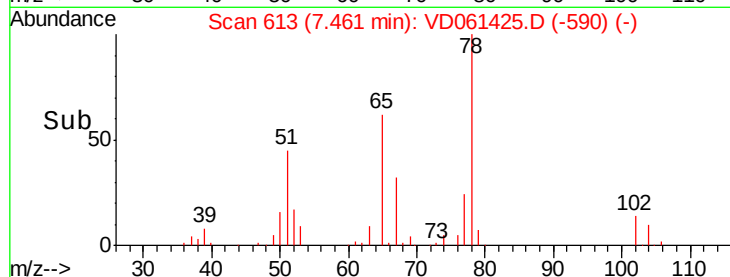
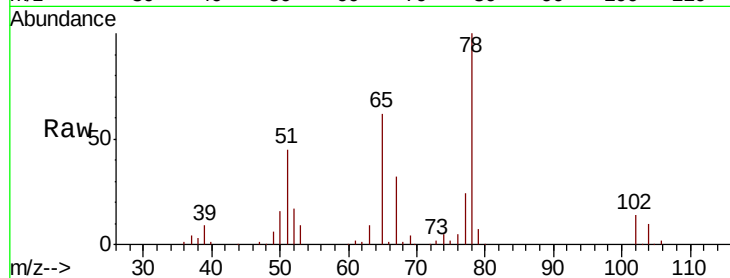
VD0329SBSD01

Tgt Ion: 65 Resp: 302404

Ion Ratio Lower Upper

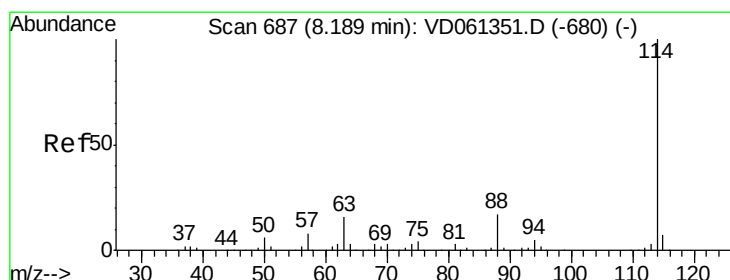
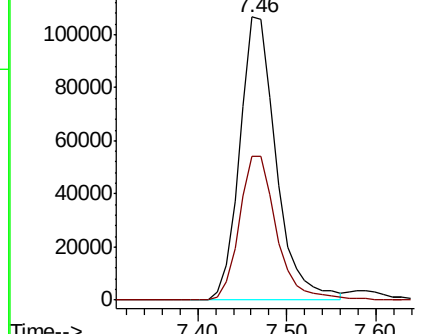
65 100

67 50.9 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.04 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

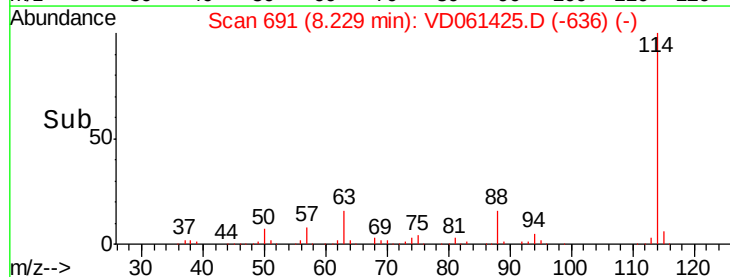
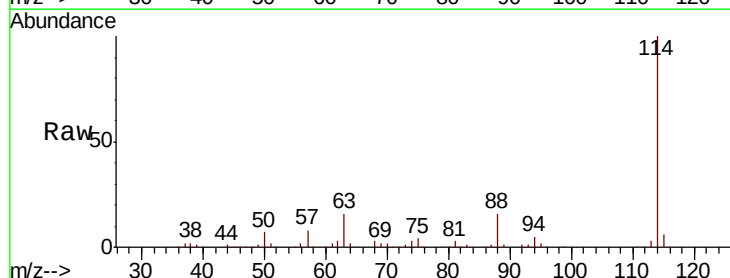
Tgt Ion: 114 Resp: 1233422

Ion Ratio Lower Upper

114 100

63 15.9 0.0 31.6

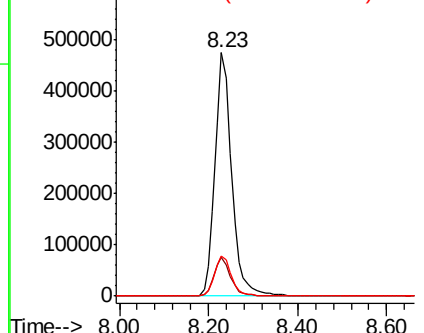
88 16.4 0.0 33.4

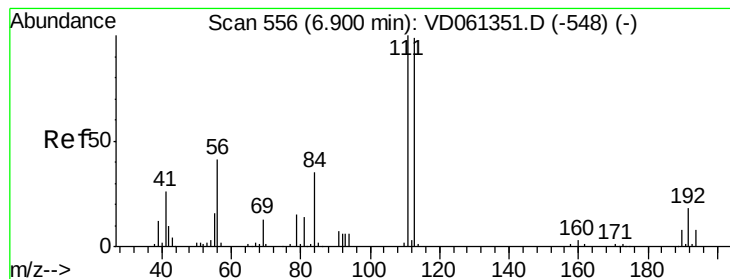


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.04 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0329SBSD01

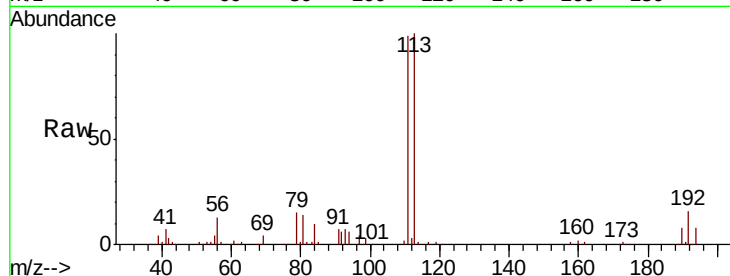
Tgt Ion:113 Resp: 495841

Ion Ratio Lower Upper

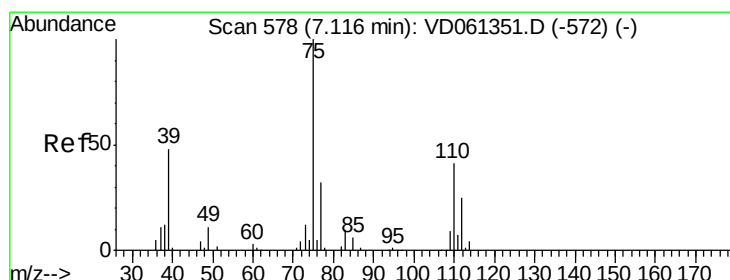
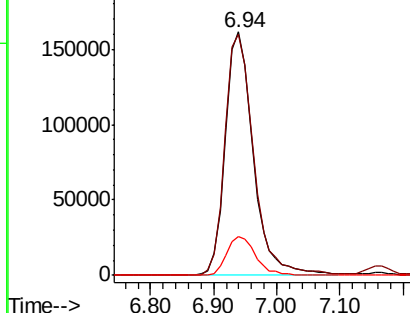
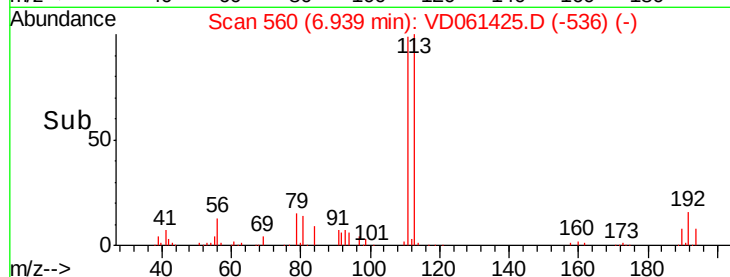
113 100

111 99.2 81.0 121.6

192 16.0 14.4 21.6



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: 20.824 ug/l

RT: 7.17 min Scan# 583

Delta R.T. 0.05 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

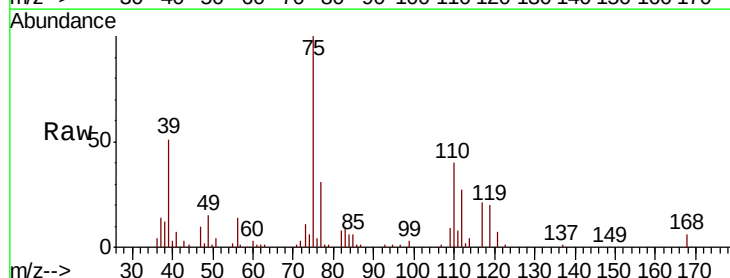
Tgt Ion: 75 Resp: 224170

Ion Ratio Lower Upper

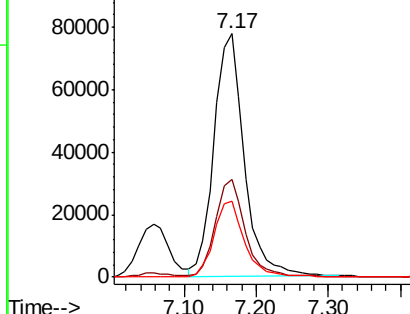
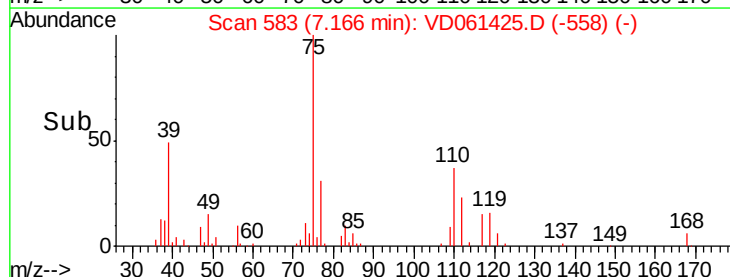
75 100

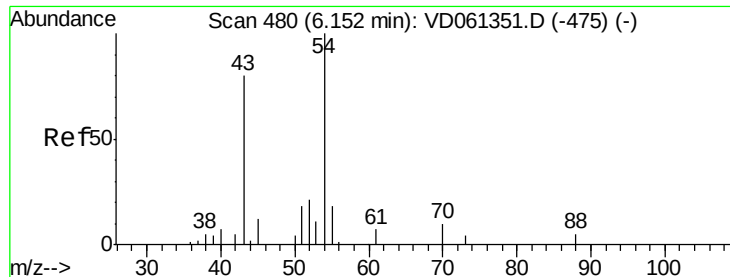
110 40.3 20.4 61.3

77 31.3 24.9 37.3



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

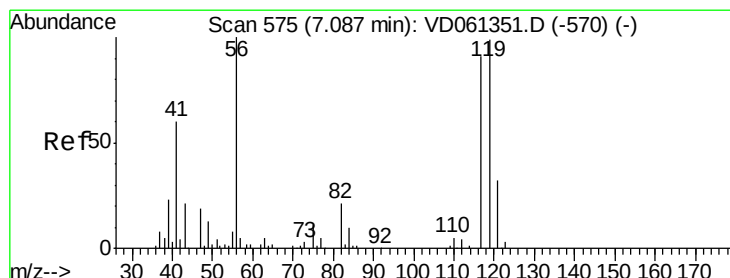
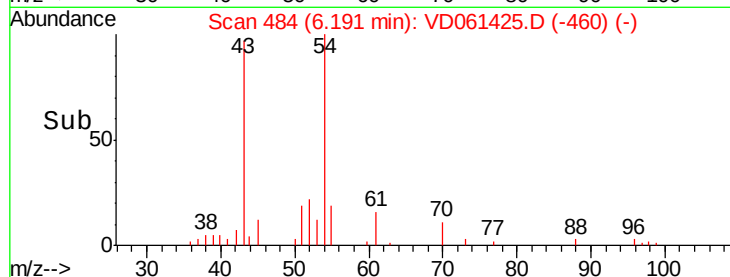
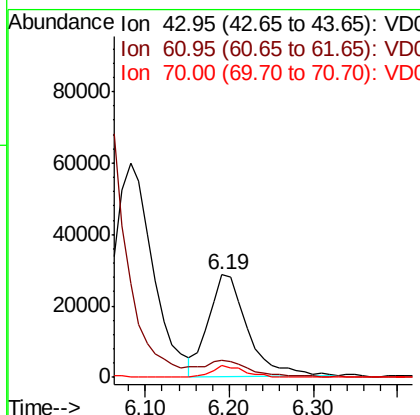
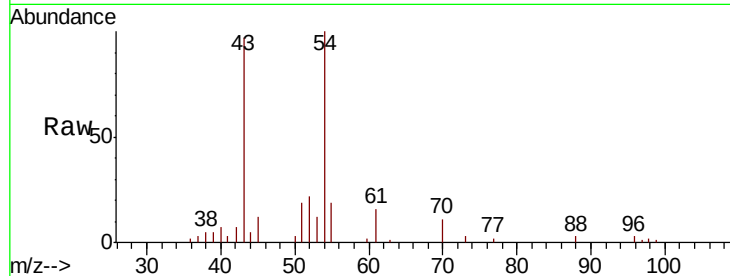




#37  
 Ethyl Acetate  
 Concen: 19.785 ug/l  
 RT: 6.19 min Scan# 484  
 Delta R.T. 0.04 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

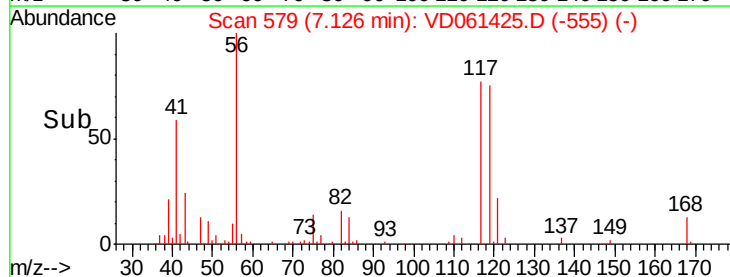
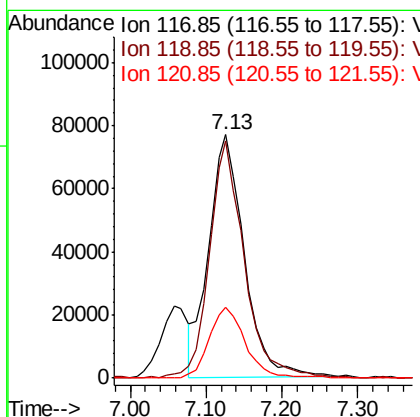
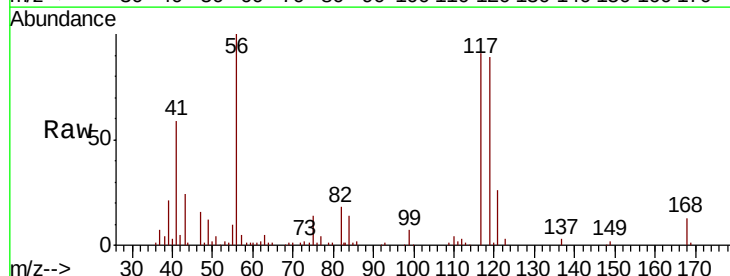
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBSD01

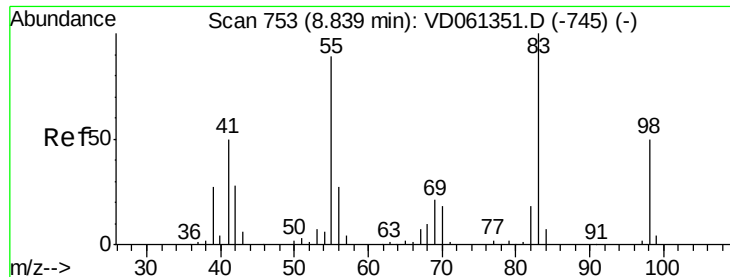
Tgt Ion: 43 Resp: 91089  
 Ion Ratio Lower Upper  
 43 100  
 61 16.1 13.8 20.8  
 70 11.8 7.8 11.8#



#38  
 Carbon Tetrachloride  
 Concen: 20.238 ug/l  
 RT: 7.13 min Scan# 579  
 Delta R.T. 0.04 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Tgt Ion: 117 Resp: 250345  
 Ion Ratio Lower Upper  
 117 100  
 119 97.6 80.1 120.1  
 121 28.8 25.6 38.4

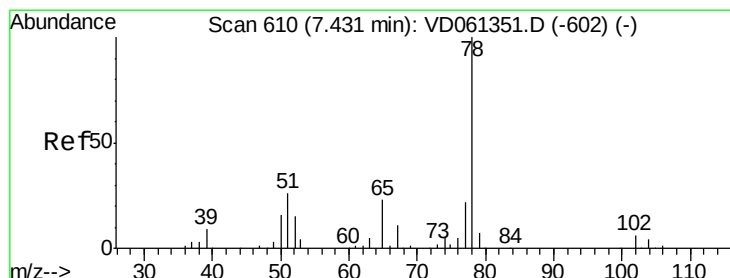
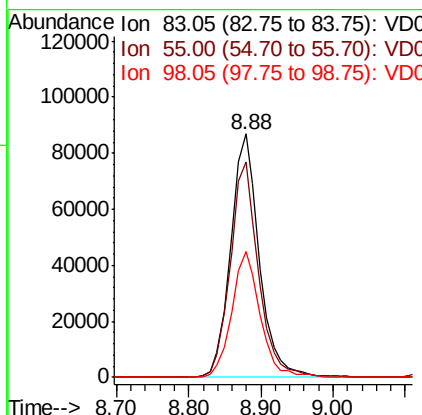
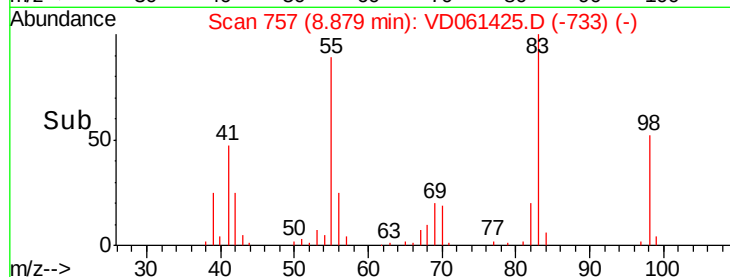
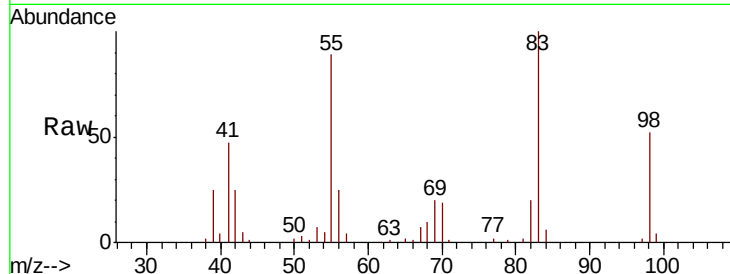




#39  
Methylcyclohexane  
Concen: 21.360 ug/l  
RT: 8.88 min Scan# 757  
Delta R.T. 0.04 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

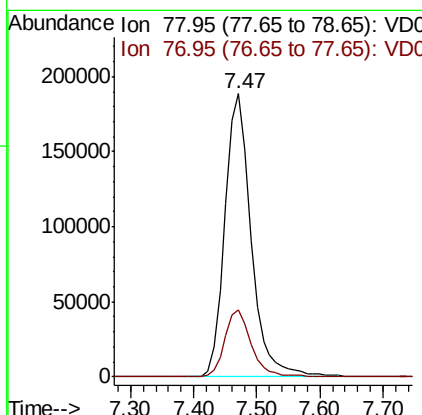
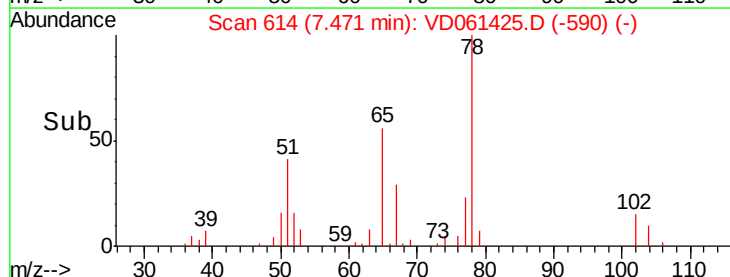
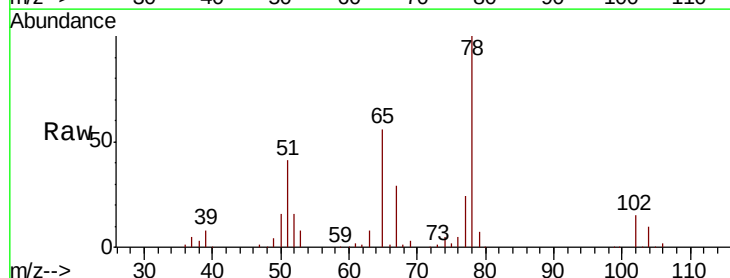
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0329SBSD01

Tgt Ion: 83 Resp: 239477  
Ion Ratio Lower Upper  
83 100  
55 88.8 71.5 107.3  
98 51.9 40.3 60.5

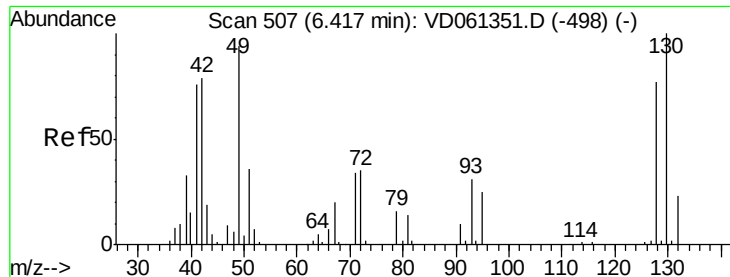


#40  
Benzene  
Concen: 20.193 ug/l  
RT: 7.47 min Scan# 614  
Delta R.T. 0.04 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Tgt Ion: 78 Resp: 545555  
Ion Ratio Lower Upper  
78 100  
77 23.6 17.8 26.6







#41

Methacrylonitrile

Concen: 21.989 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.04 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0329SBSD01

Tgt Ion: 41 Resp: 118367

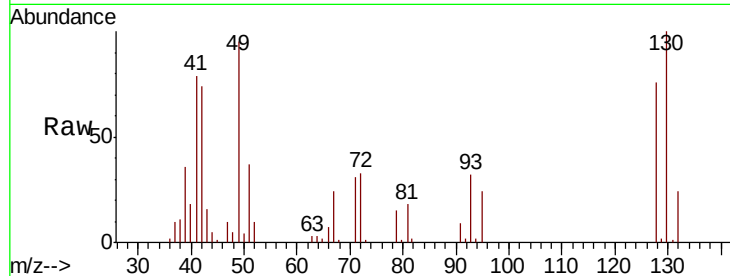
Ion Ratio Lower Upper

41 100

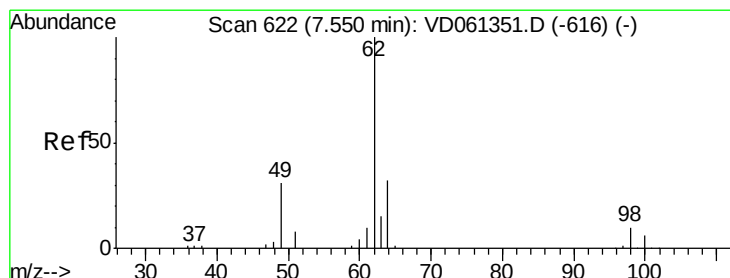
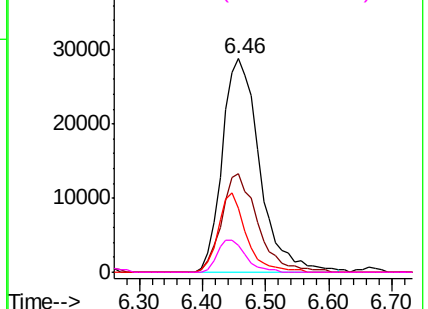
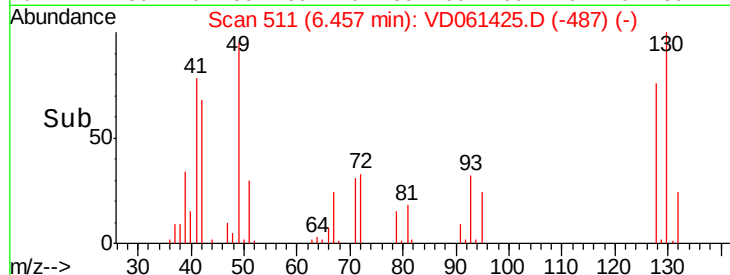
39 46.1 35.0 52.6

67 30.1 21.0 31.6

52 12.4 7.7 11.5#



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: 20.703 ug/l

RT: 7.59 min Scan# 626

Delta R.T. 0.04 min

Lab File: VD061425.D

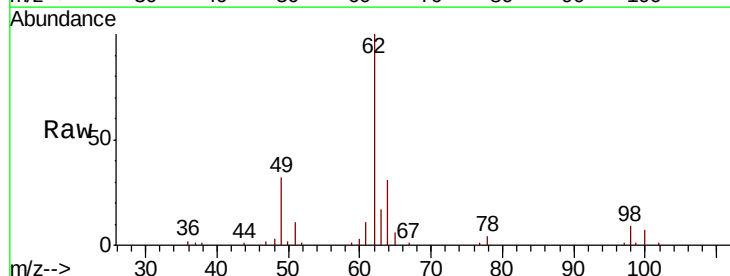
Acq: 29 Mar 2019 13:09

Tgt Ion: 62 Resp: 167313

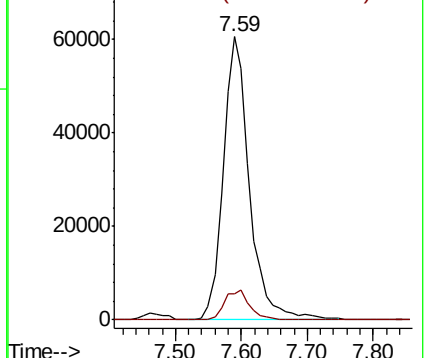
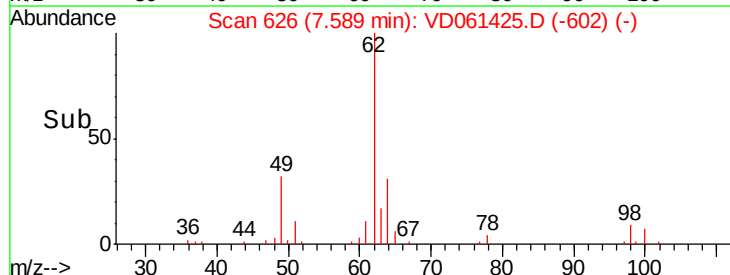
Ion Ratio Lower Upper

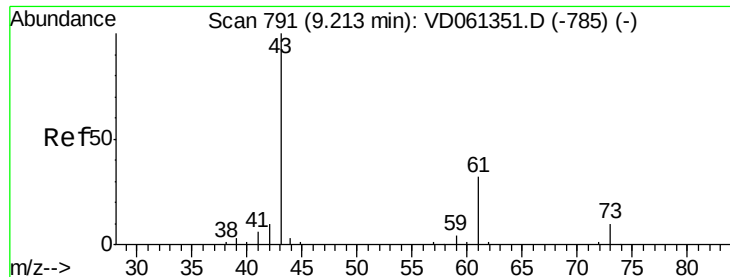
62 100

98 9.3 0.0 19.8



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

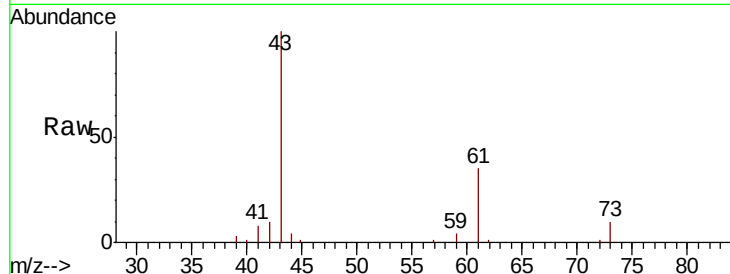




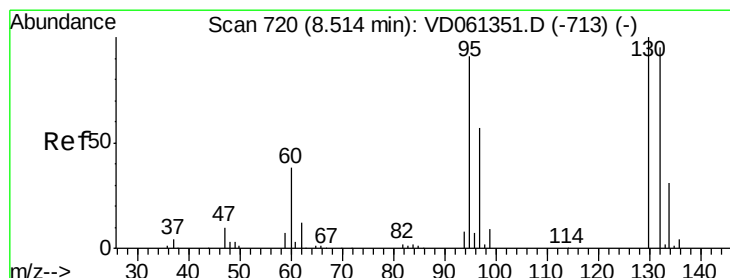
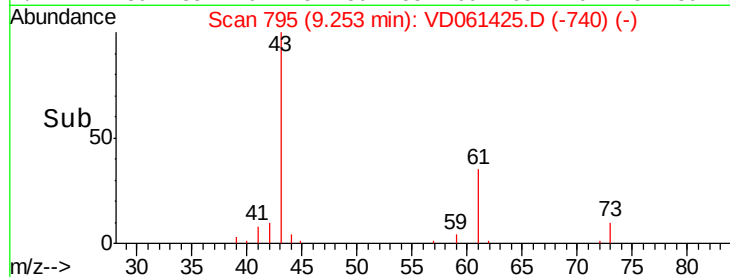
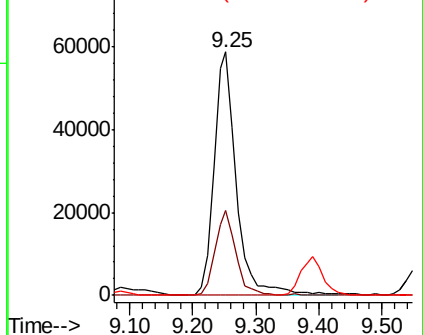
#43  
Isopropyl Acetate  
Concen: 21.751 ug/l  
RT: 9.25 min Scan# 795  
Delta R.T. 0.04 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0329SBSD01

Tgt Ion: 43 Resp: 145705  
Ion Ratio Lower Upper  
43 100  
61 34.9 25.8 38.6  
87 0.0 0.0 0.0

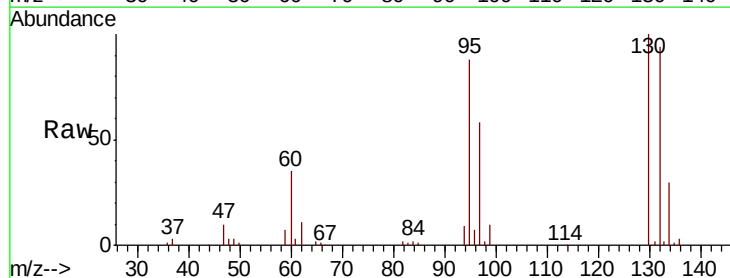


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 87.00 (86.70 to 87.70): VDC

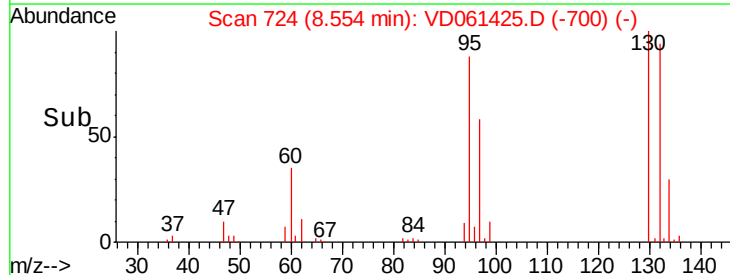
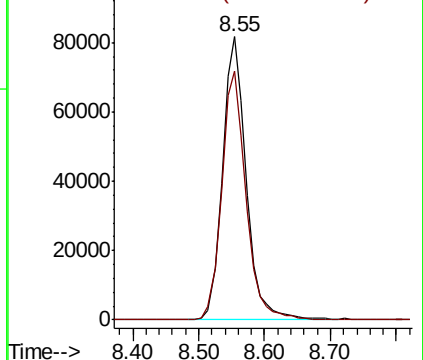


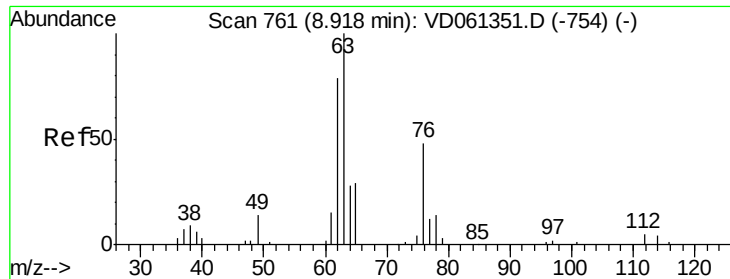
#44  
Trichloroethene  
Concen: 20.333 ug/l  
RT: 8.55 min Scan# 724  
Delta R.T. 0.04 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Tgt Ion: 130 Resp: 204438  
Ion Ratio Lower Upper  
130 100  
95 87.9 0.0 181.4



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

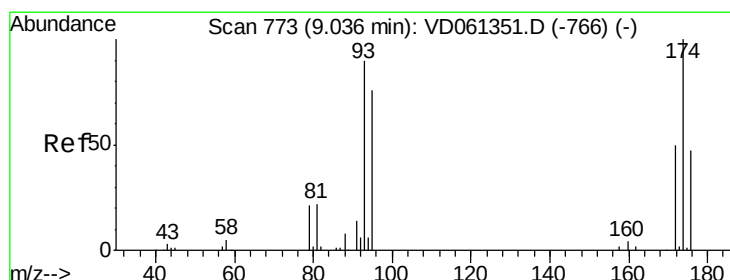
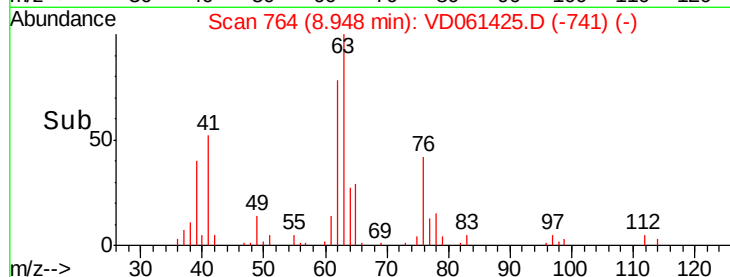
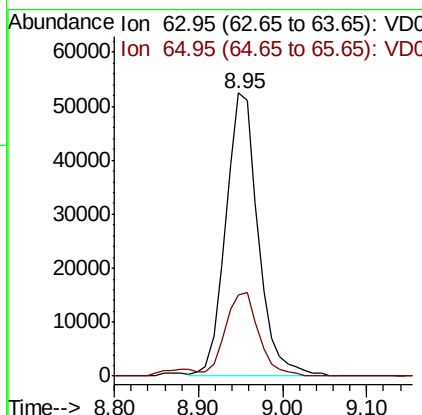
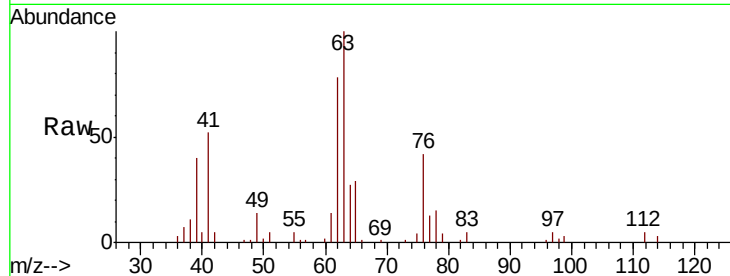




#45  
 1,2-Dichloropropane  
 Concen: 20.517 ug/l  
 RT: 8.95 min Scan# 764  
 Delta R.T. 0.03 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

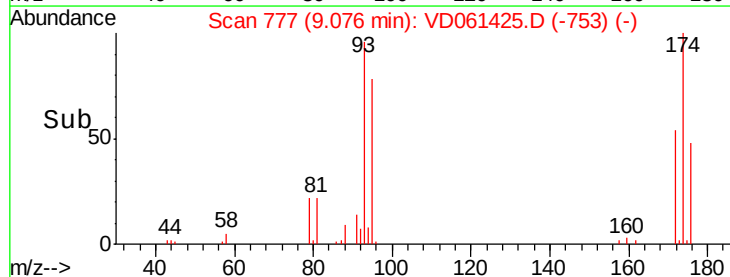
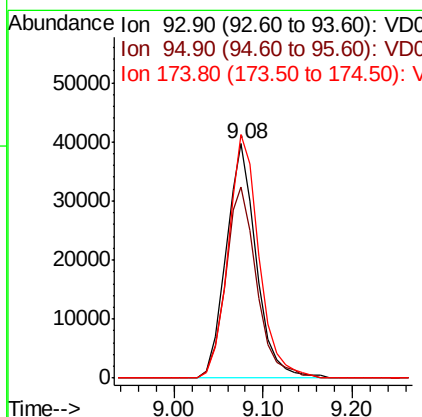
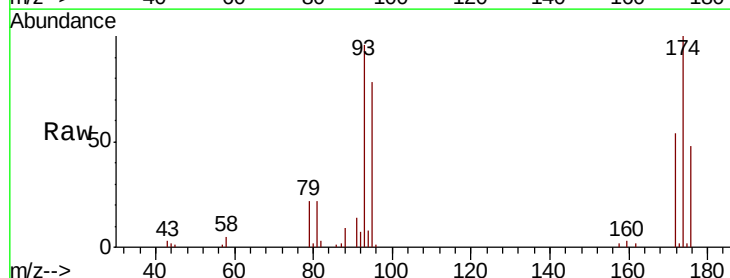
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBS01

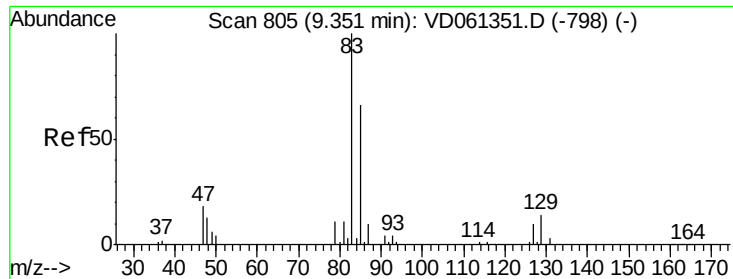
Tgt Ion: 63 Resp: 140556  
 Ion Ratio Lower Upper  
 63 100  
 65 28.7 25.0 37.4



#46  
 Dibromomethane  
 Concen: 20.378 ug/l  
 RT: 9.08 min Scan# 777  
 Delta R.T. 0.04 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Tgt Ion: 93 Resp: 93963  
 Ion Ratio Lower Upper  
 93 100  
 95 81.3 67.4 101.0  
 174 103.8 88.9 133.3





#47

Bromodichloromethane

Concen: 21.644 ug/l

RT: 9.39 min Scan# 809

Delta R.T. 0.04 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0329SBSD01

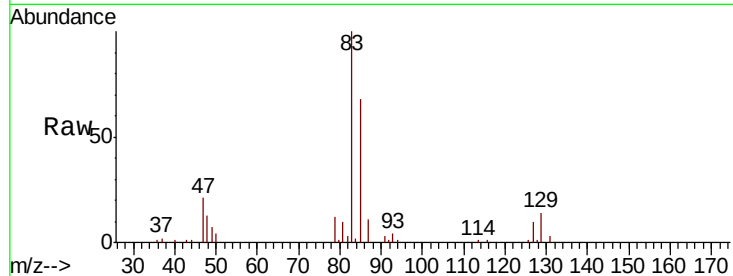
Tgt Ion: 83 Resp: 224002

Ion Ratio Lower Upper

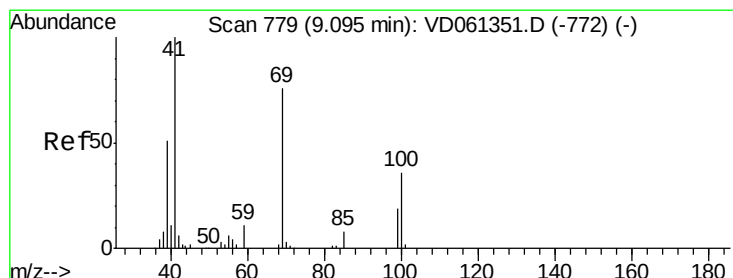
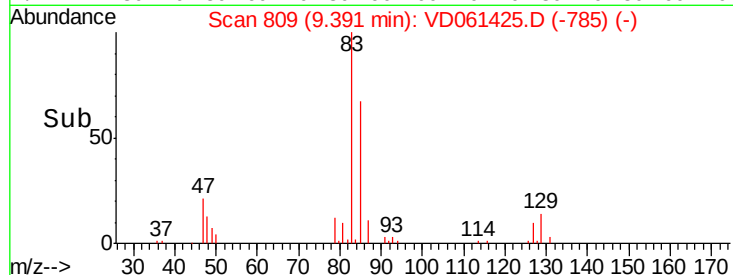
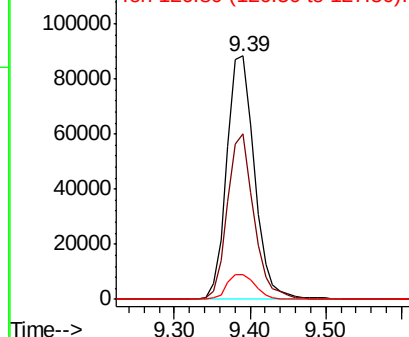
83 100

85 68.1 53.0 79.4

127 10.1 8.4 12.6



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



#48

Methyl methacrylate

Concen: 20.598 ug/l

RT: 9.13 min Scan# 783

Delta R.T. 0.04 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

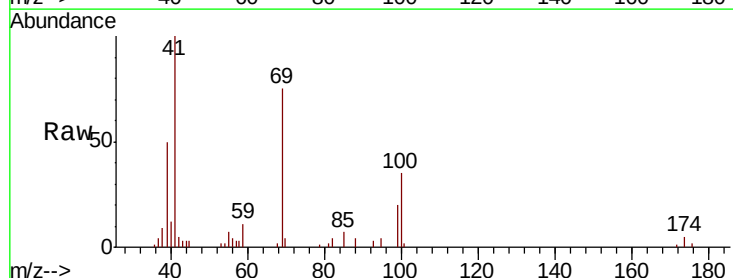
Tgt Ion: 41 Resp: 76150

Ion Ratio Lower Upper

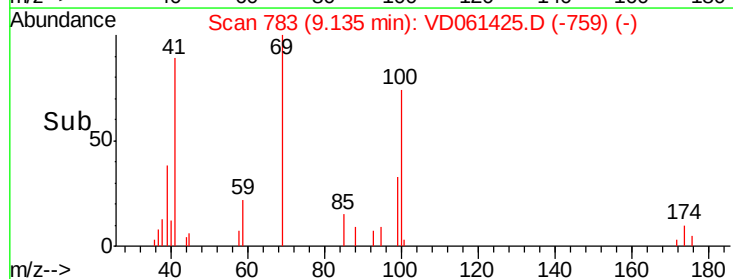
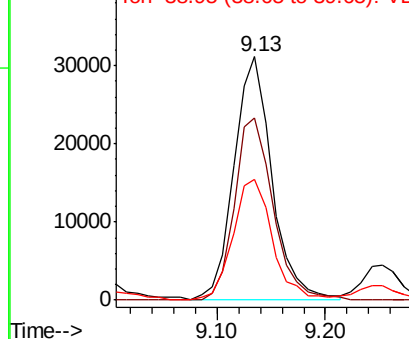
41 100

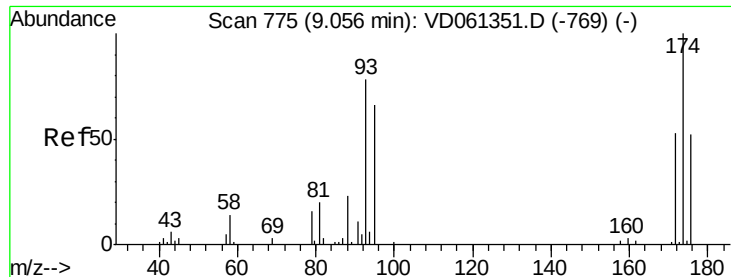
69 75.0 60.2 90.4

39 49.6 41.4 62.2



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

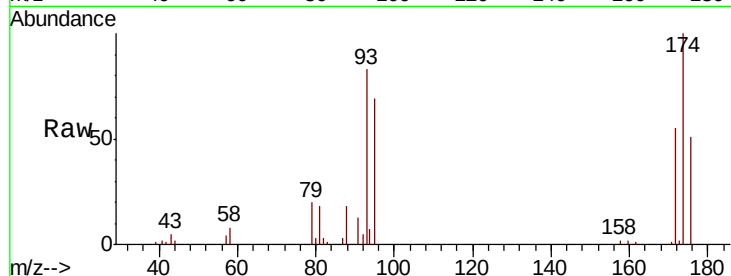




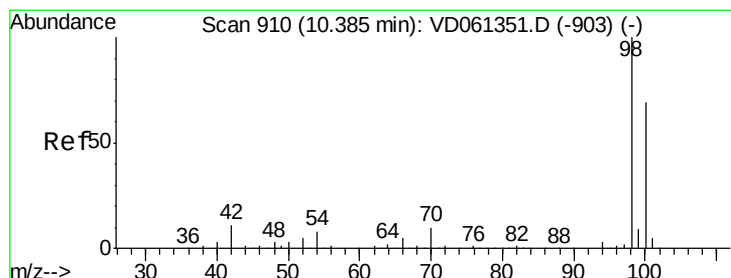
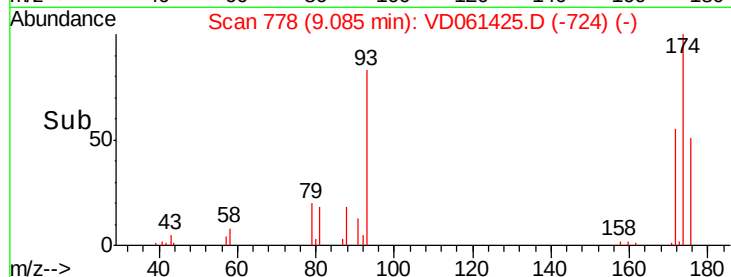
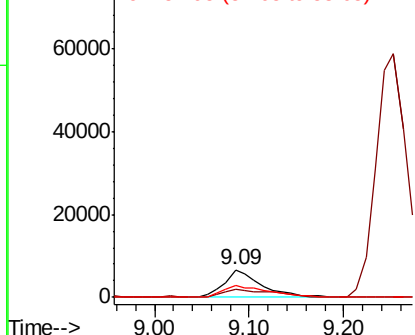
#49  
 1,4-Dioxane  
 Concen: 448.372 ug/l  
 RT: 9.09 min Scan# 778  
 Delta R.T. 0.03 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBS01

Tgt Ion: 88 Resp: 18283  
 Ion Ratio Lower Upper  
 88 100  
 43 29.3 23.3 34.9  
 58 42.2 50.8 76.2#

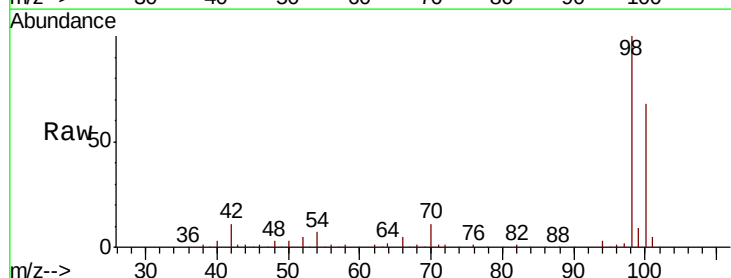


Abundance Ion 88.00 (87.70 to 88.70): VDC  
 Ion 43.05 (42.75 to 43.75): VDC  
 Ion 57.95 (57.65 to 58.65): VDC

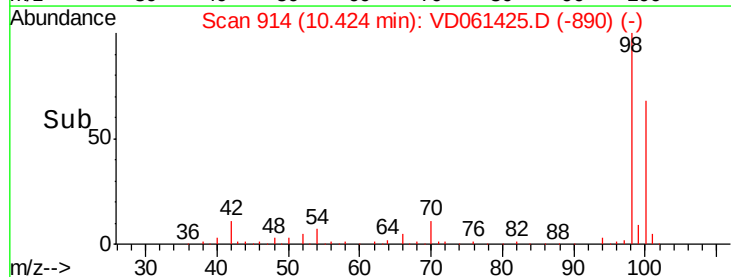
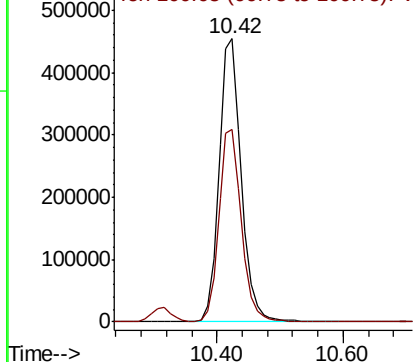


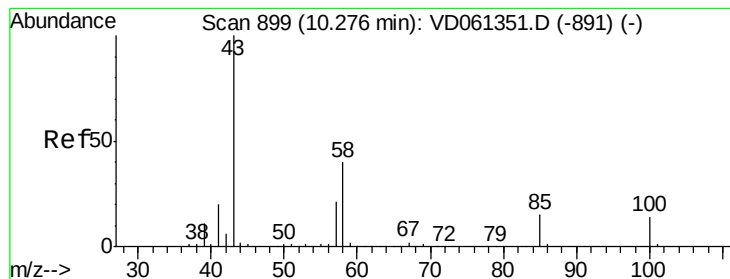
#50  
 Toluene-d8  
 Concen: 448.372 ug/l  
 RT: 10.42 min Scan# 914  
 Delta R.T. 0.04 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Tgt Ion: 98 Resp: 1116360  
 Ion Ratio Lower Upper  
 98 100  
 100 68.2 56.2 84.2



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: 102.047 ug/l

RT: 10.31 min Scan# 902

Delta R.T. 0.03 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

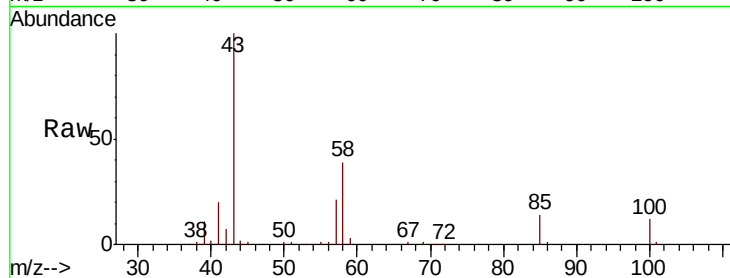
VD0329SBS01

Tgt Ion: 43 Resp: 415883

Ion Ratio Lower Upper

43 100

58 38.8 31.8 47.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.31

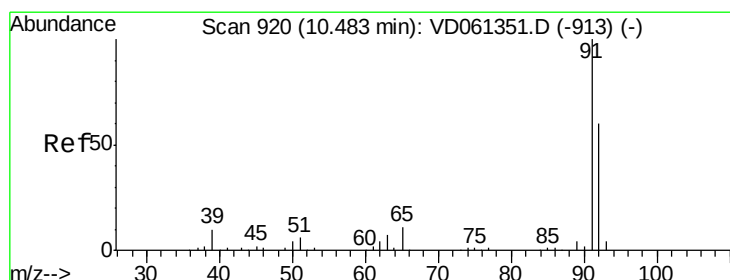
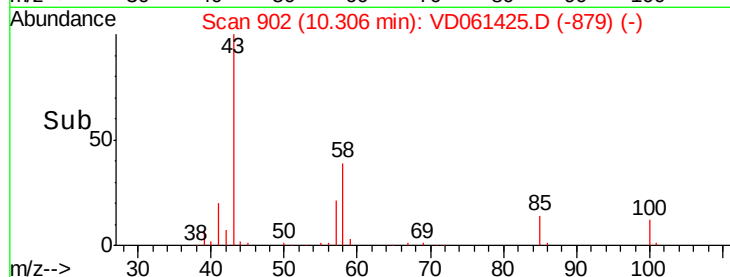
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.652 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.03 min

Lab File: VD061425.D

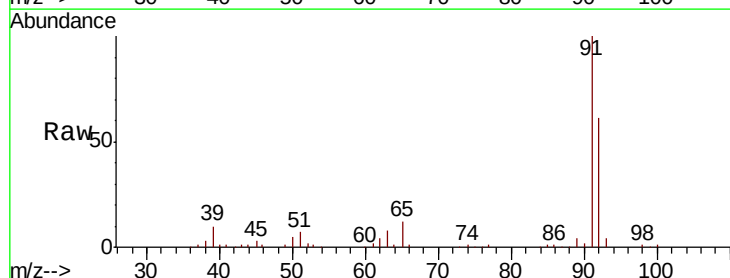
Acq: 29 Mar 2019 13:09

Tgt Ion: 92 Resp: 340389

Ion Ratio Lower Upper

92 100

91 165.1 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

250000

200000

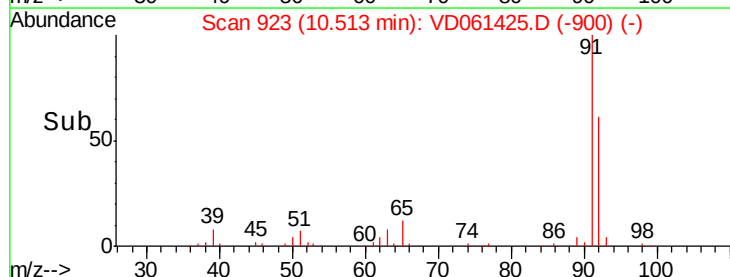
150000

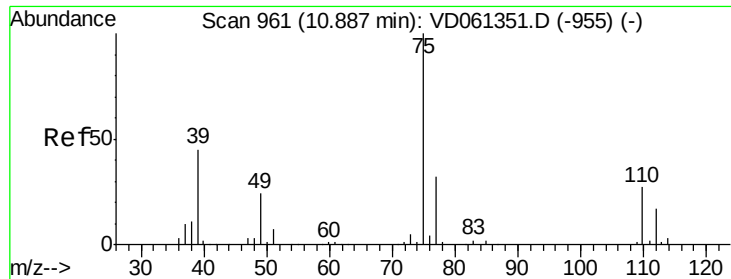
100000

50000

0

Time-->

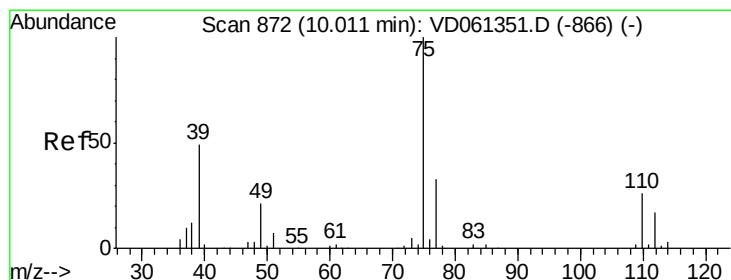
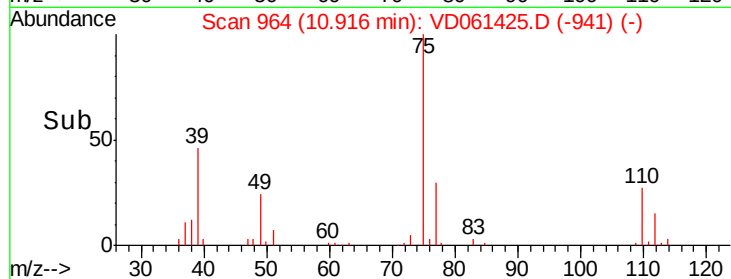
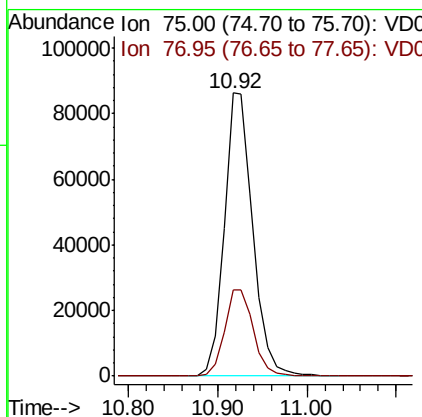
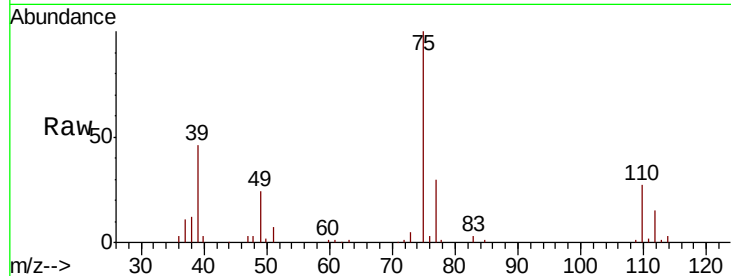




#53  
t-1,3-Dichloropropene  
Concen: 20.549 ug/l  
RT: 10.92 min Scan# 964  
Delta R.T. 0.03 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

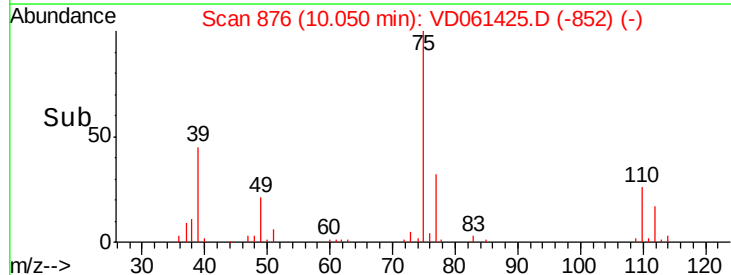
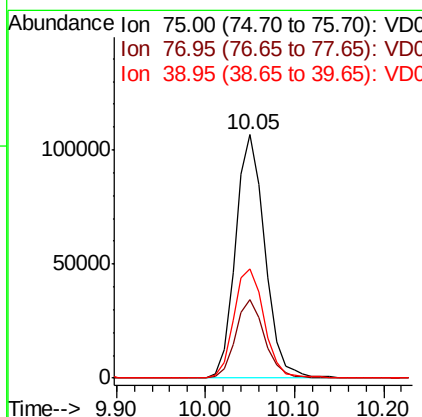
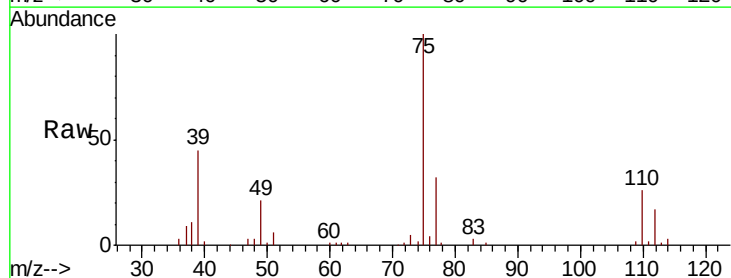
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0329SBSD01

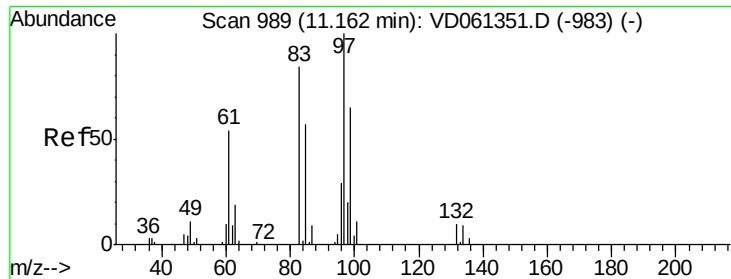
Tgt Ion: 75 Resp: 193218  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 21.396 ug/l  
RT: 10.05 min Scan# 876  
Delta R.T. 0.04 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Tgt Ion: 75 Resp: 244969  
Ion Ratio Lower Upper  
75 100  
77 32.2 26.2 39.4  
39 45.0 39.4 59.0

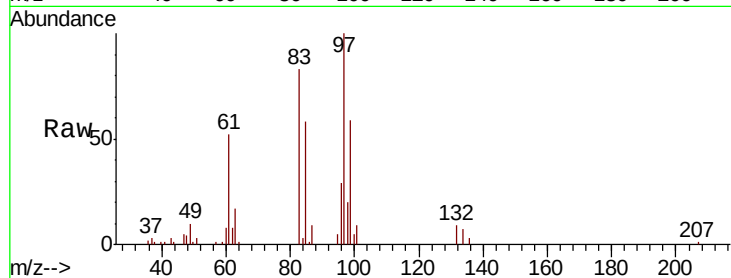




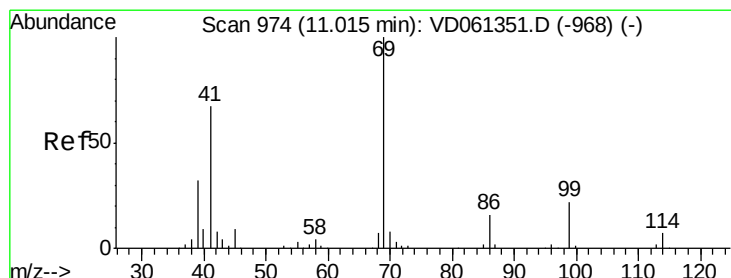
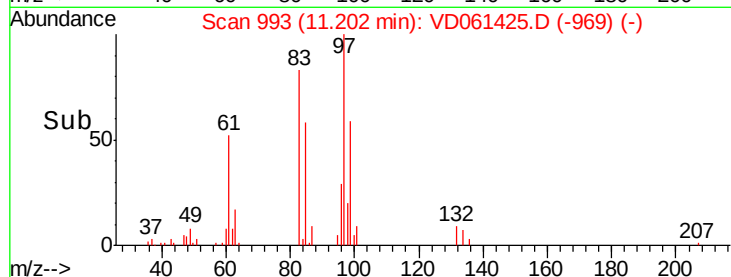
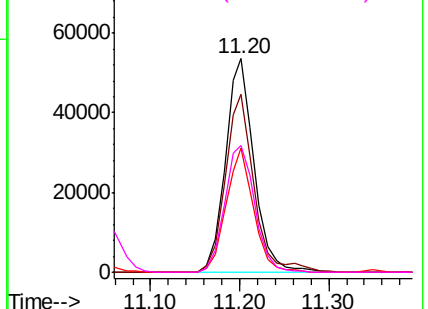
#55  
 1,1,2-Trichloroethane  
 Concen: 20.901 ug/l  
 RT: 11.20 min Scan# 993  
 Delta R.T. 0.04 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 120479 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.3  | 67.0  | 100.6  |
| 85       | 58.1  | 45.4  | 68.2   |
| 99       | 59.2  | 51.9  | 77.9   |

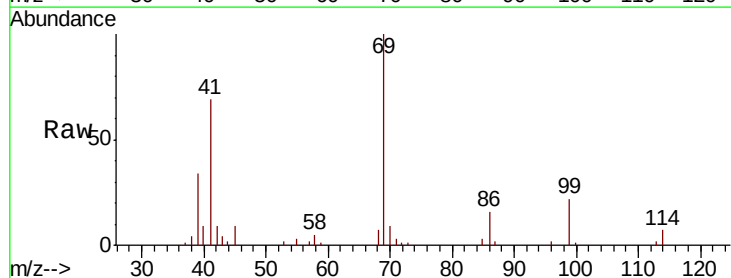


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

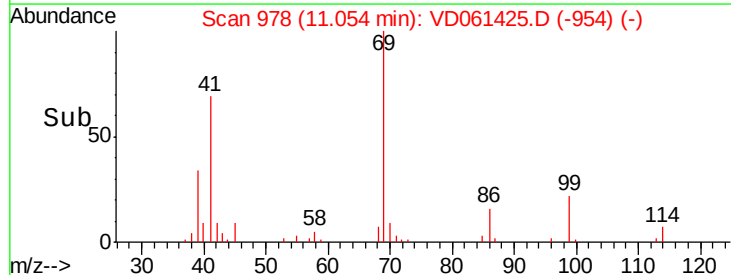
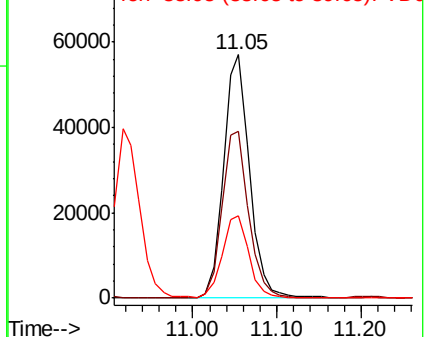


#56  
 Ethyl methacrylate  
 Concen: 19.610 ug/l  
 RT: 11.05 min Scan# 978  
 Delta R.T. 0.04 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

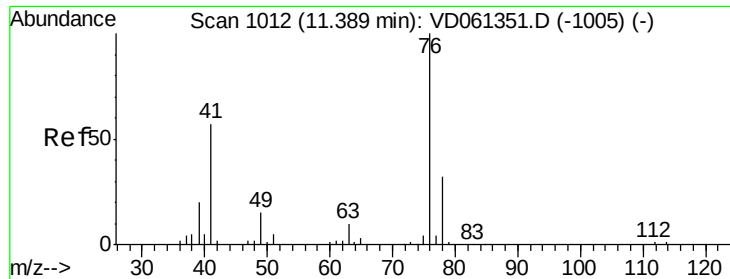
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 121435 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.7  | 53.8  | 80.6   |
| 39       | 33.9  | 26.4  | 39.6   |



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



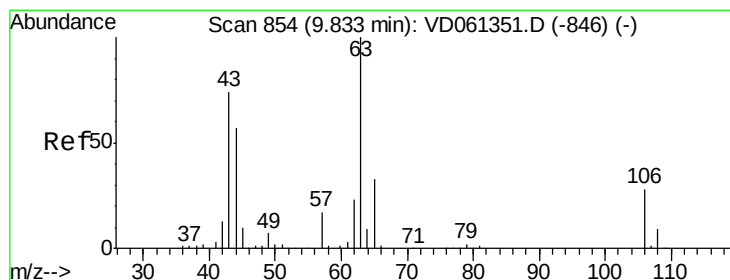
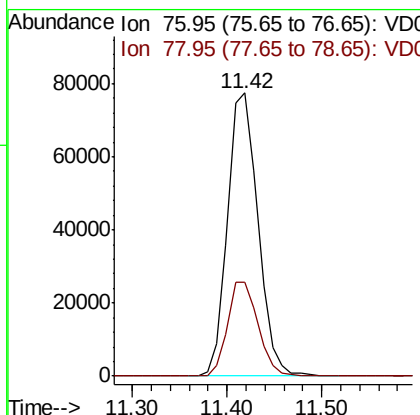
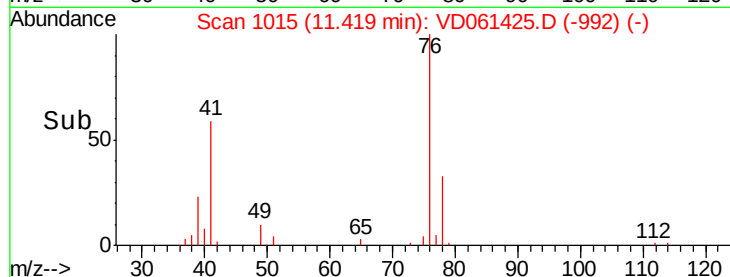
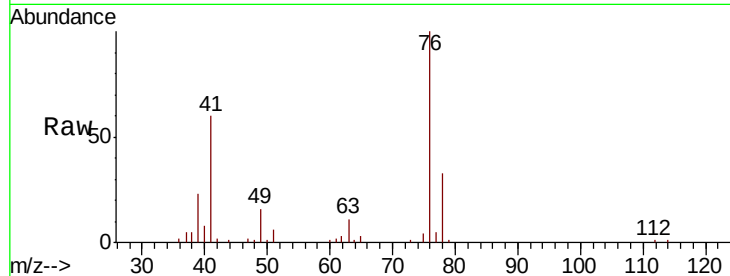




#57  
 1,3-Dichloropropane  
 Concen: 20.331 ug/l  
 RT: 11.42 min Scan# 1015  
 Delta R.T. 0.03 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

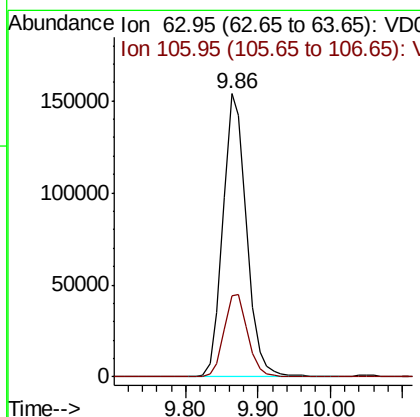
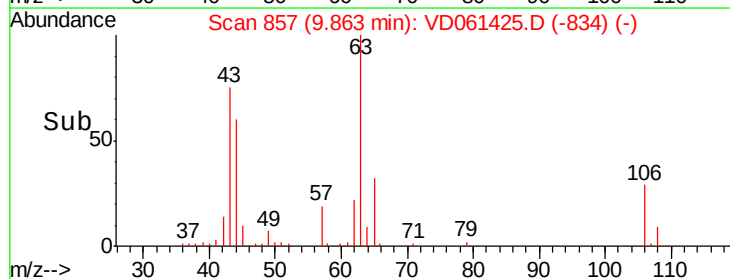
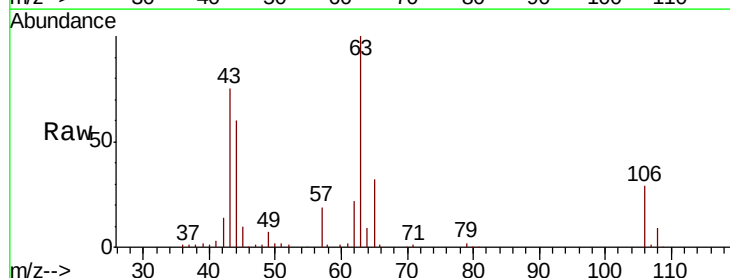
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBSD01

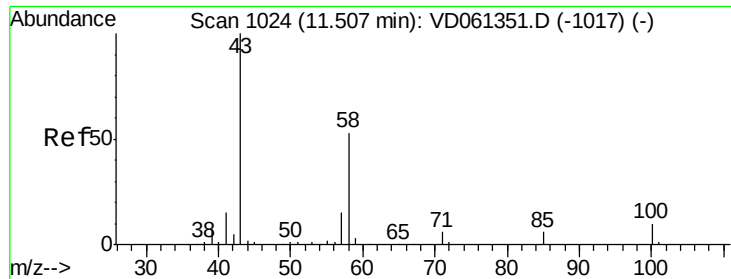
Tgt Ion: 76 Resp: 172251  
 Ion Ratio Lower Upper  
 76 100  
 78 33.4 25.4 38.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 115.214 ug/l  
 RT: 9.86 min Scan# 857  
 Delta R.T. 0.03 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Tgt Ion: 63 Resp: 347447  
 Ion Ratio Lower Upper  
 63 100  
 106 28.8 22.4 33.6

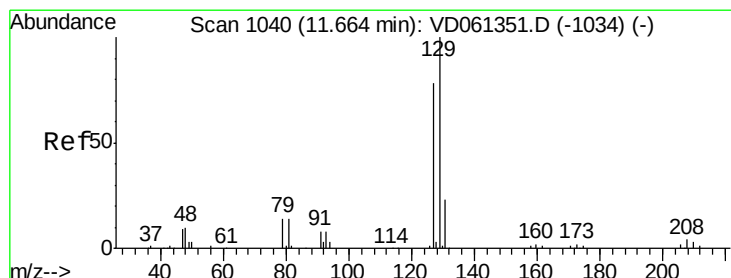
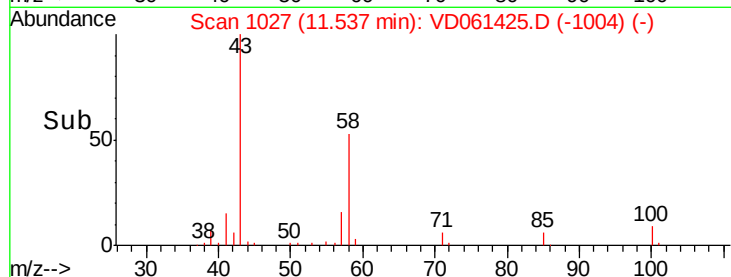
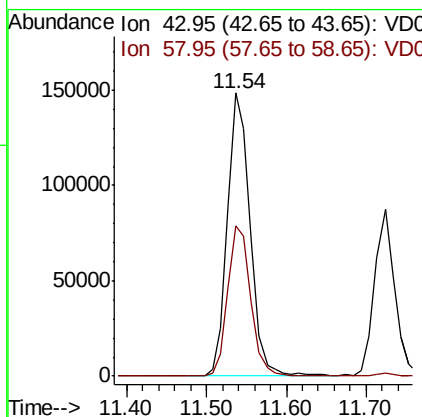
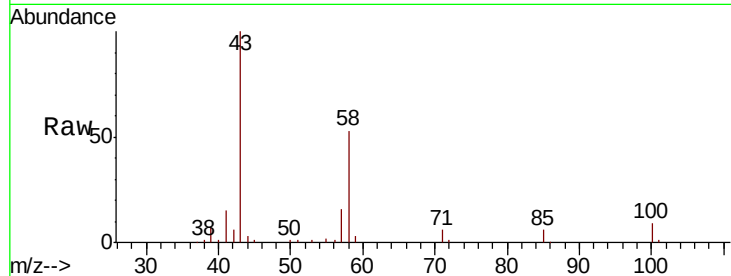




#59  
2-Hexanone  
Concen: 101.398 ug/l  
RT: 11.54 min Scan# 1027  
Delta R.T. 0.03 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

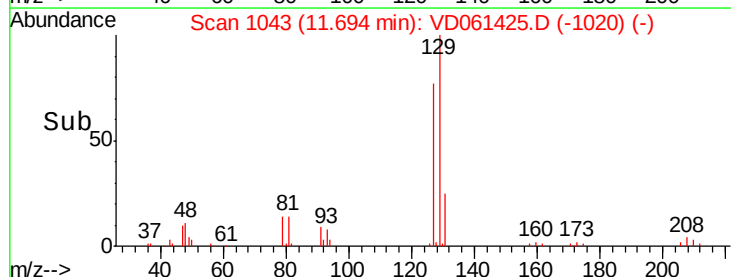
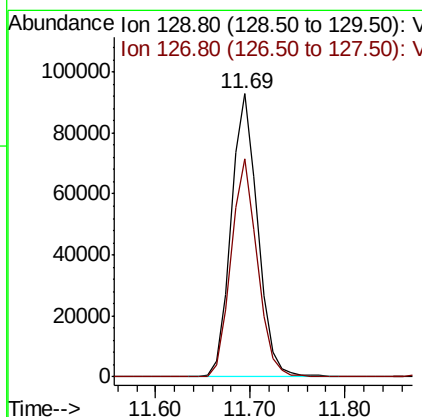
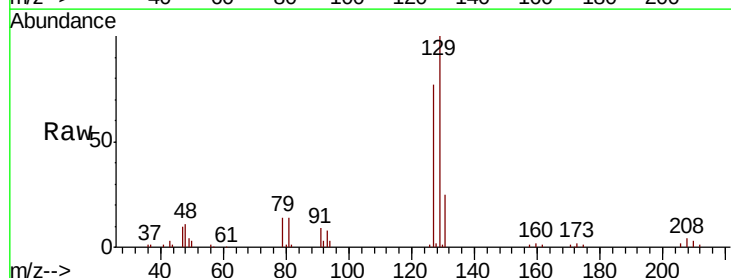
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0329SBSD01

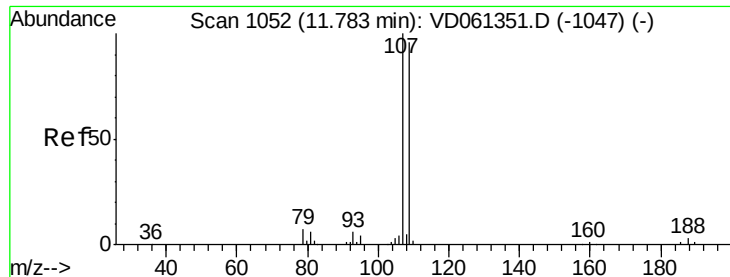
Tgt Ion: 43 Resp: 299404  
Ion Ratio Lower Upper  
43 100  
58 53.1 26.3 78.9



#60  
Dibromochloromethane  
Concen: 20.299 ug/l  
RT: 11.69 min Scan# 1043  
Delta R.T. 0.03 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Tgt Ion: 129 Resp: 180387  
Ion Ratio Lower Upper  
129 100  
127 76.8 39.0 116.9

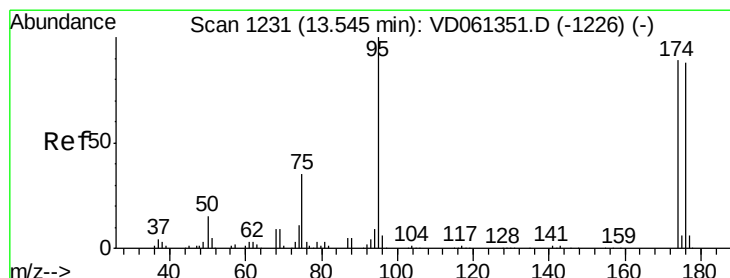
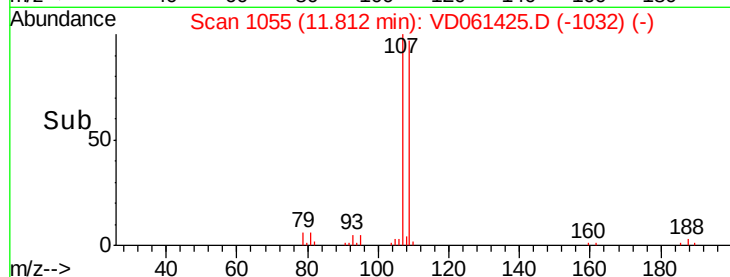
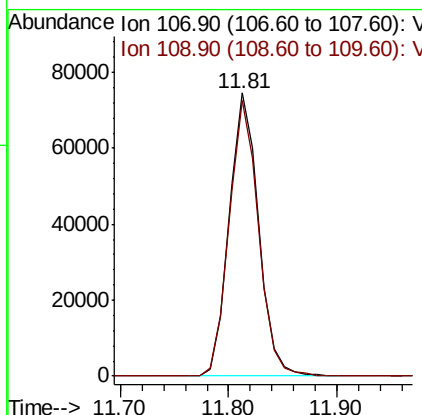
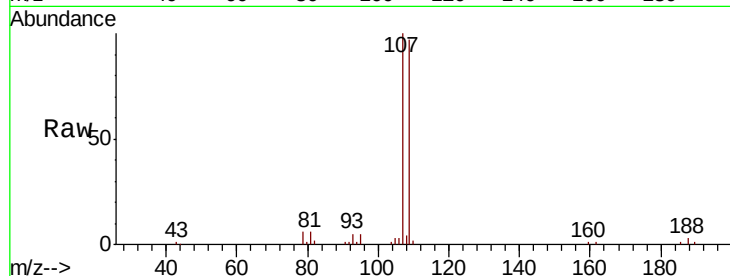




#61  
 1,2-Dibromoethane  
 Concen: 21.054 ug/l  
 RT: 11.81 min Scan# 1055  
 Delta R.T. 0.03 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

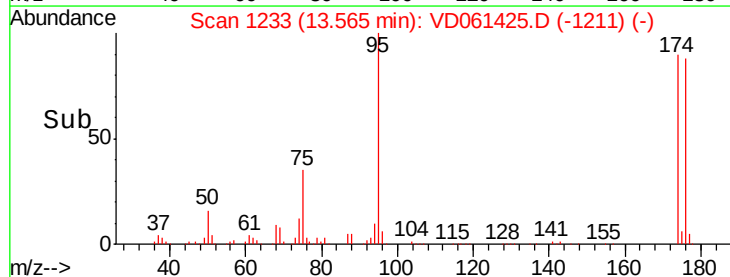
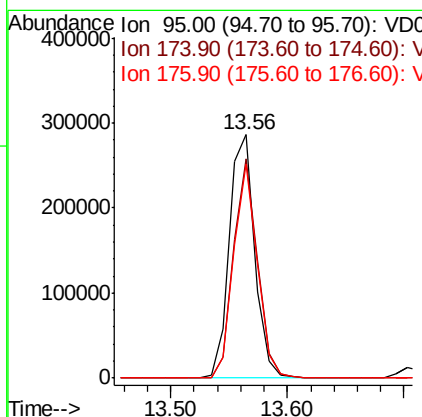
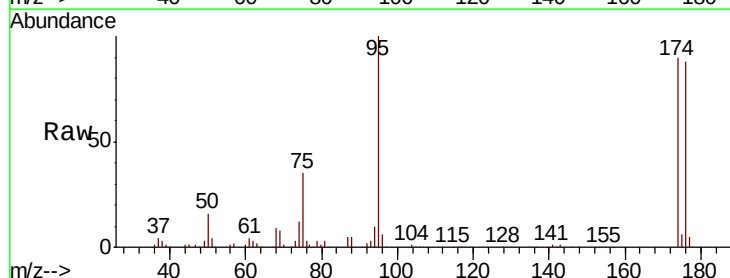
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBSD01

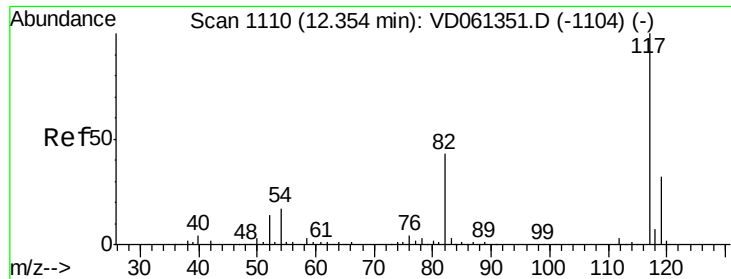
Tgt Ion: 107 Resp: 140529  
 Ion Ratio Lower Upper  
 107 100  
 109 97.3 76.6 114.8



#62  
 4-Bromofluorobenzene  
 Concen: 21.054 ug/l  
 RT: 13.56 min Scan# 1233  
 Delta R.T. 0.02 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Tgt Ion: 95 Resp: 430133  
 Ion Ratio Lower Upper  
 95 100  
 174 89.9 0.0 178.0  
 176 88.1 0.0 175.0

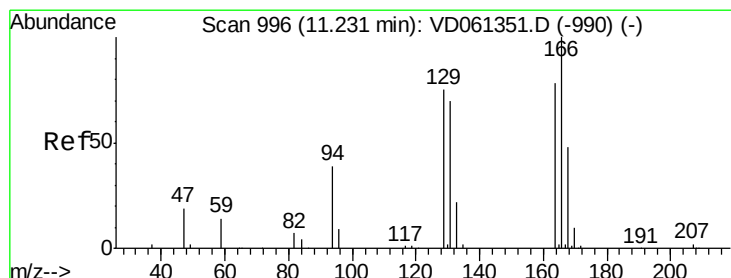
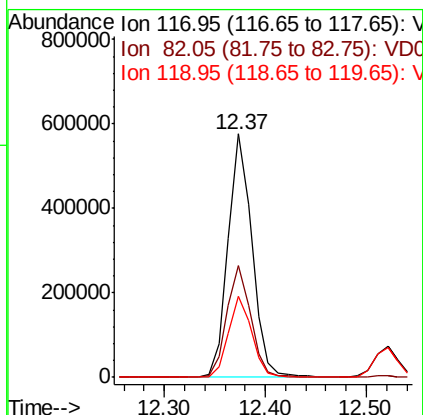
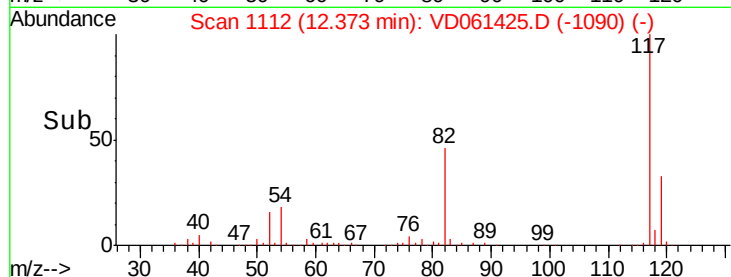
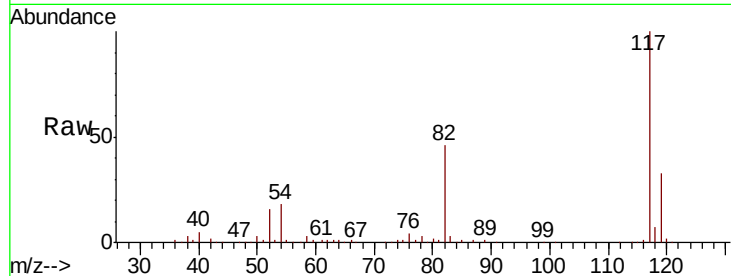




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.37 min Scan# 1112  
Delta R.T. 0.02 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

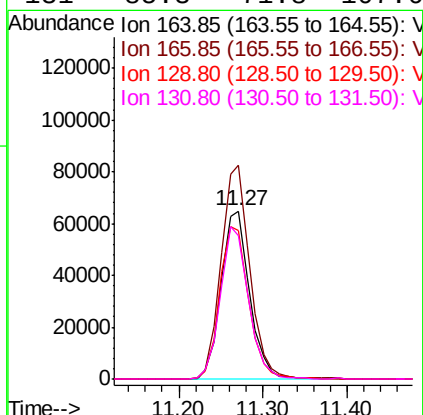
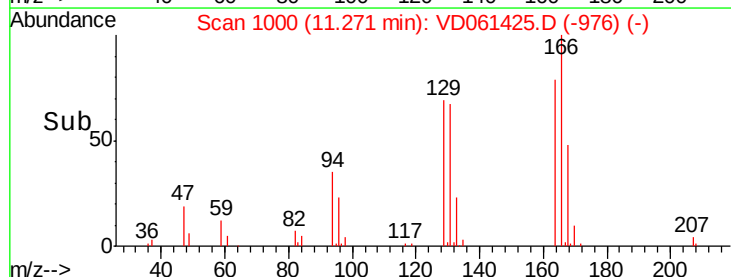
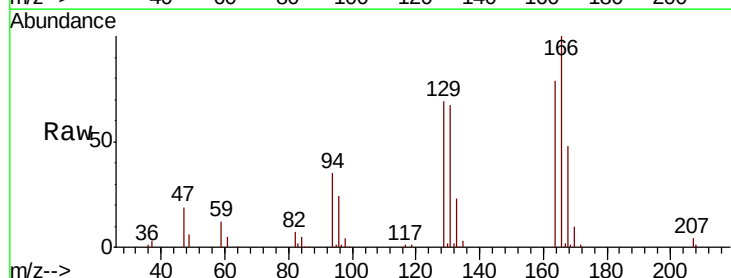
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0329SBSD01

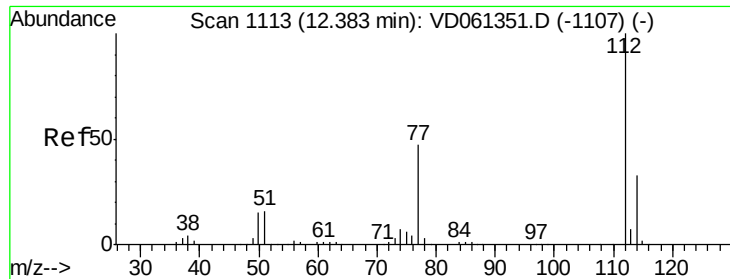
Tgt Ion:117 Resp: 946293  
Ion Ratio Lower Upper  
117 100  
82 46.1 34.4 51.6  
119 33.0 25.8 38.6



#64  
Tetrachloroethene  
Concen: 20.525 ug/l  
RT: 11.27 min Scan# 1000  
Delta R.T. 0.04 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Tgt Ion:164 Resp: 152435  
Ion Ratio Lower Upper  
164 100  
166 127.2 102.4 153.6  
129 88.2 76.8 115.2  
131 85.3 71.8 107.6

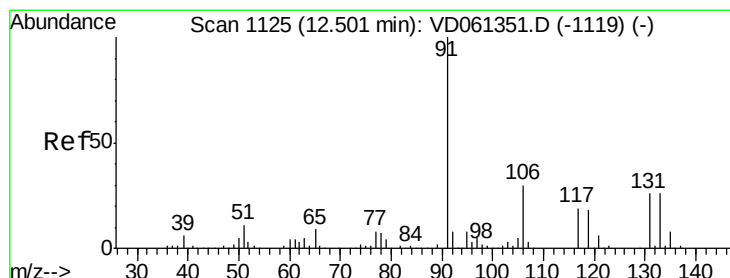
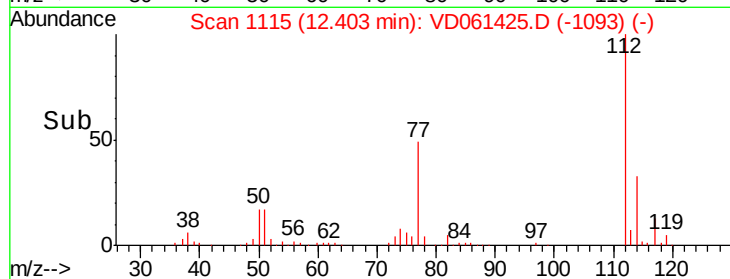
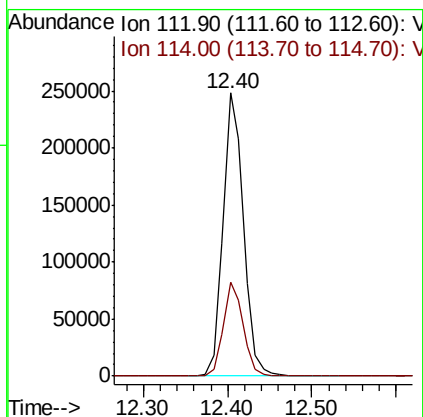
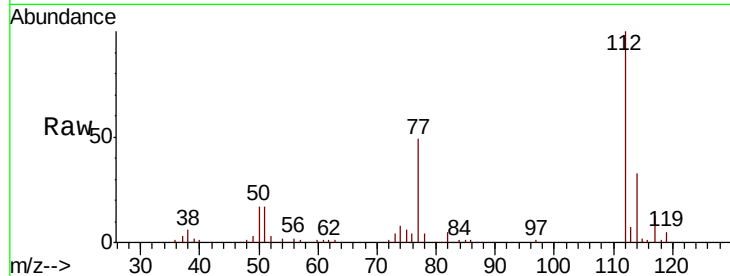




#65  
Chlorobenzene  
Concen: 21.517 ug/l  
RT: 12.40 min Scan# 1115  
Delta R.T. 0.02 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

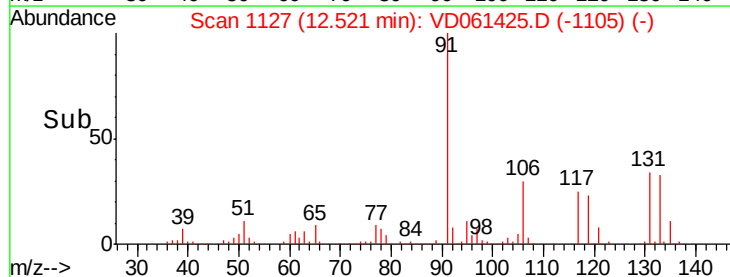
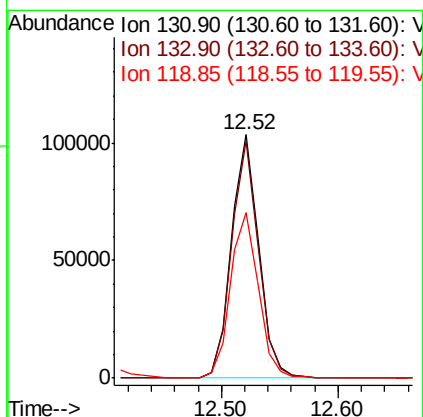
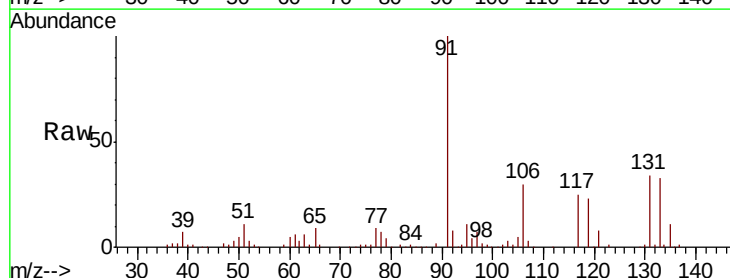
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0329SBSD01

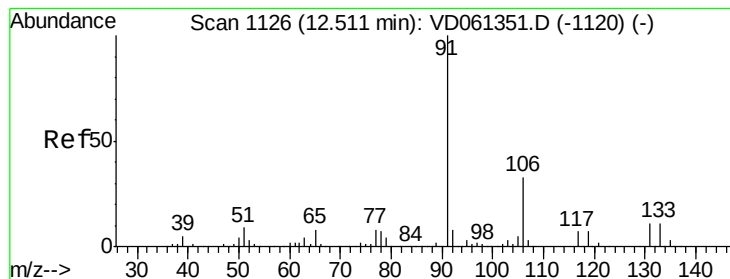
Tgt Ion:112 Resp: 416113  
Ion Ratio Lower Upper  
112 100  
114 33.3 26.6 39.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.522 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.02 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Tgt Ion:131 Resp: 168641  
Ion Ratio Lower Upper  
131 100  
133 97.3 49.4 148.2  
119 67.9 34.1 102.2





#67

Ethyl Benzene

Concen: 22.919 ug/l

RT: 12.53 min Scan# 1128

Delta R.T. 0.02 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

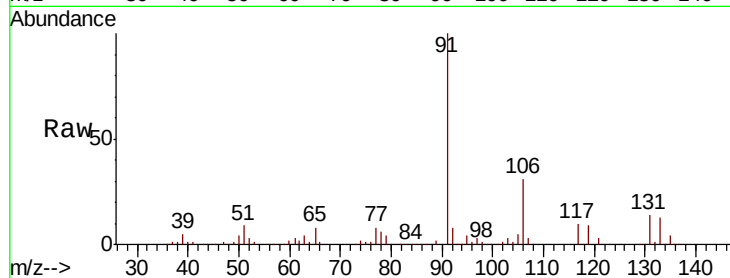
VD0329SBSD01

Tgt Ion: 91 Resp: 676543

Ion Ratio Lower Upper

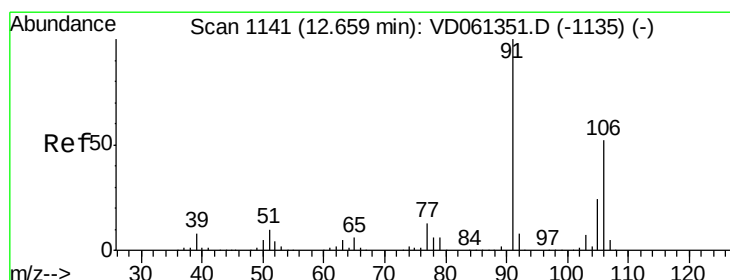
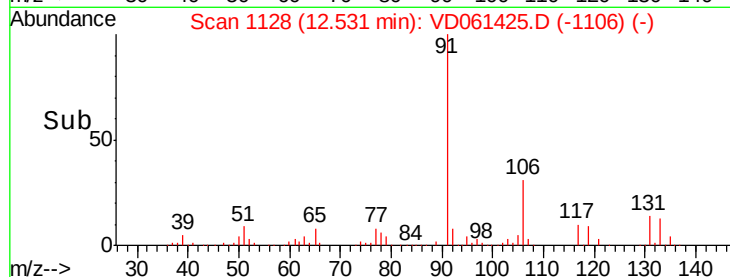
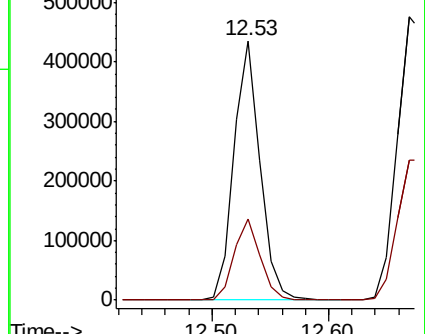
91 100

106 31.2 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.05 (105.75 to 106.75): VDC



#68

m/p-Xylenes

Concen: 44.566 ug/l

RT: 12.68 min Scan# 1143

Delta R.T. 0.02 min

Lab File: VD061425.D

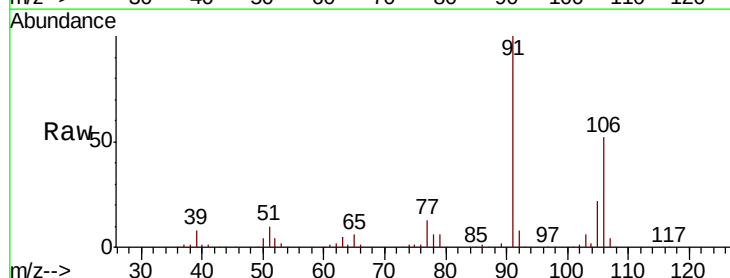
Acq: 29 Mar 2019 13:09

Tgt Ion: 106 Resp: 498328

Ion Ratio Lower Upper

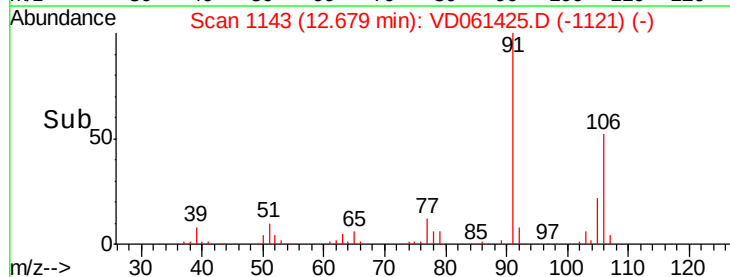
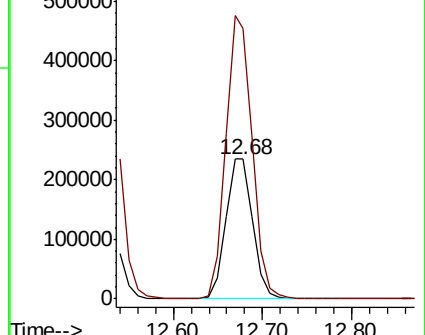
106 100

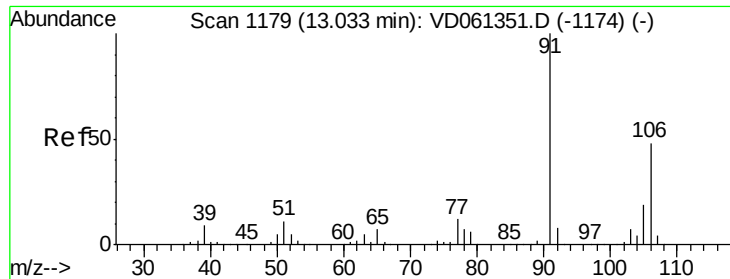
91 194.0 153.1 229.7



Abundance Ion 106.05 (105.75 to 106.75): VDC

Ion 91.00 (90.70 to 91.70): VDC

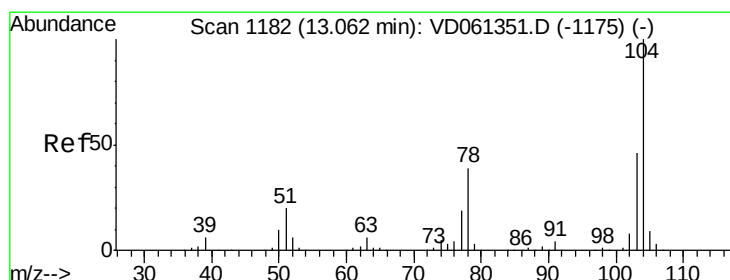
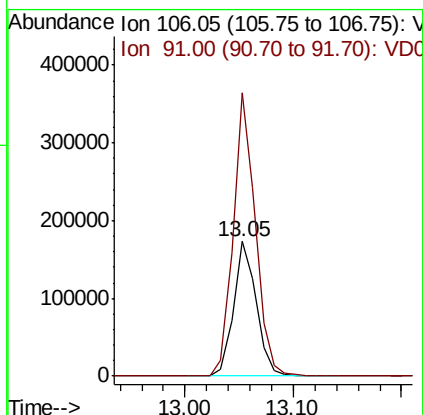
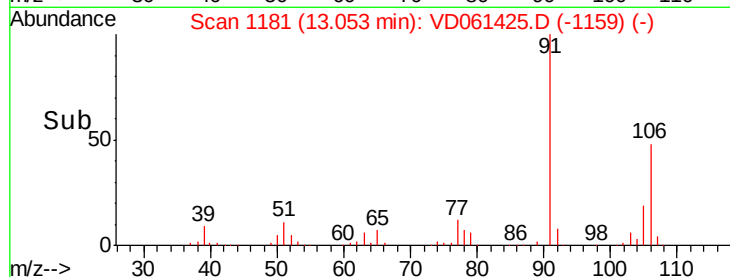
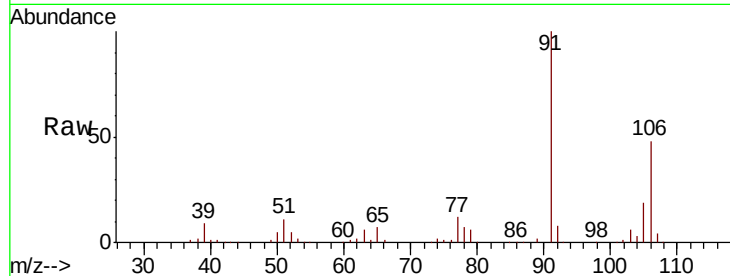




#69  
o-Xylene  
Concen: 23.238 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. 0.02 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

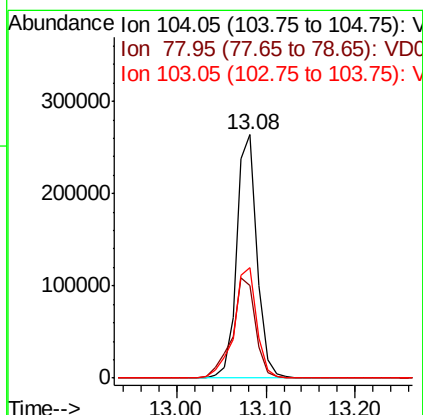
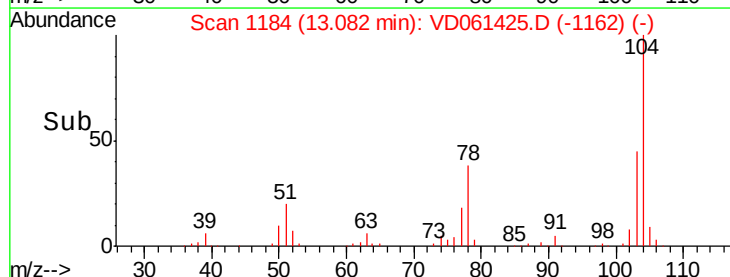
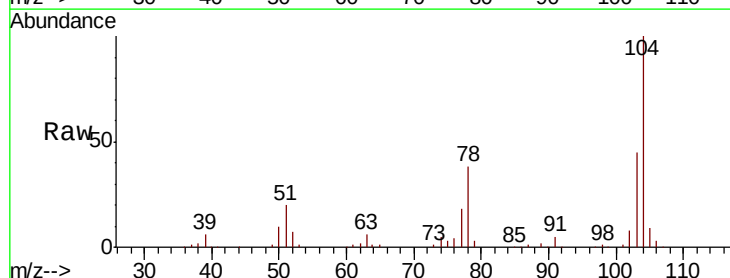
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0329SBSD01

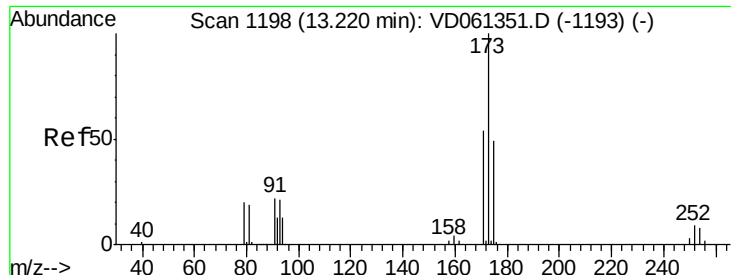
Tgt Ion:106 Resp: 252156  
Ion Ratio Lower Upper  
106 100  
91 210.4 103.8 311.3



#70  
Styrene  
Concen: 22.137 ug/l  
RT: 13.08 min Scan# 1184  
Delta R.T. 0.02 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Tgt Ion:104 Resp: 418740  
Ion Ratio Lower Upper  
104 100  
78 38.2 31.0 46.6  
103 45.4 37.0 55.4





#71

Bromoform

Concen: 20.196 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.02 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0329SBSD01

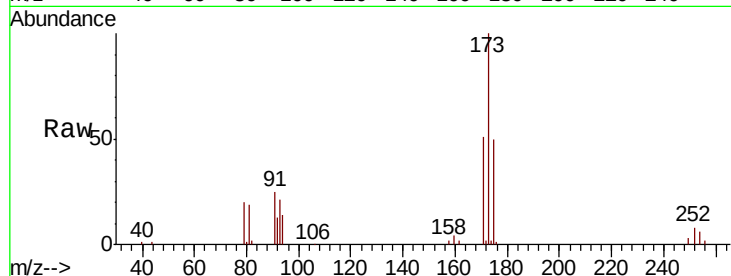
Tgt Ion:173 Resp: 95863

Ion Ratio Lower Upper

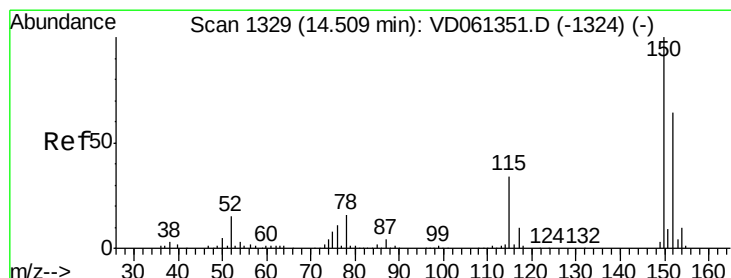
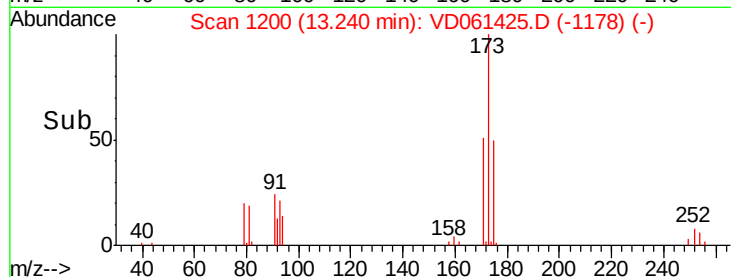
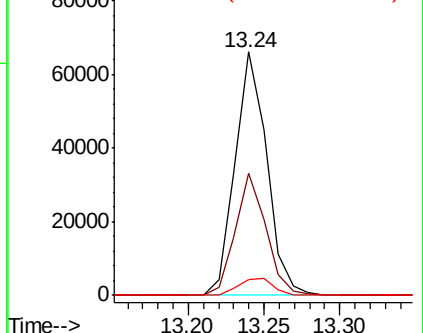
173 100

175 49.9 24.6 73.8

254 6.4 6.6 10.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.02 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

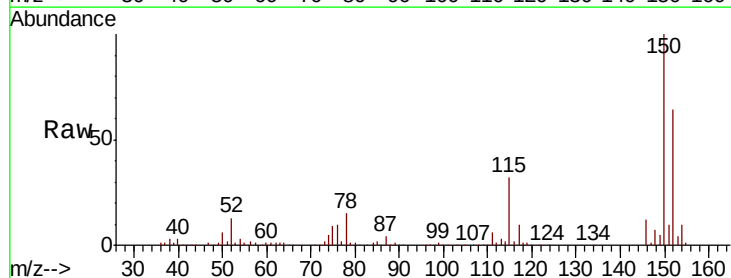
Tgt Ion:152 Resp: 435420

Ion Ratio Lower Upper

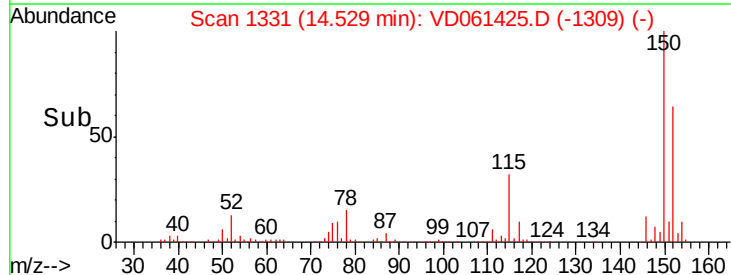
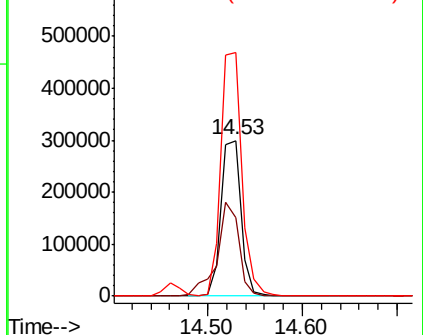
152 100

115 50.4 26.9 80.6

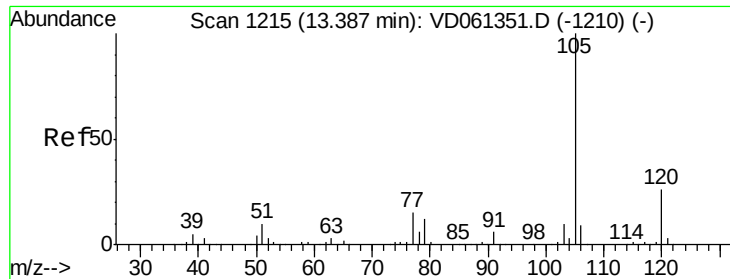
150 156.2 0.0 318.0



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







#73

Isopropylbenzene

Concen: 21.848 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.02 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

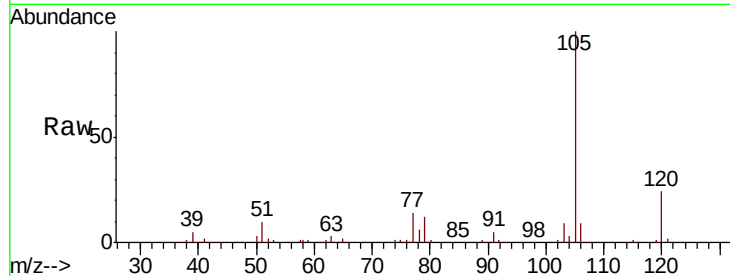
VD0329SBSD01

Tgt Ion:105 Resp: 662087

Ion Ratio Lower Upper

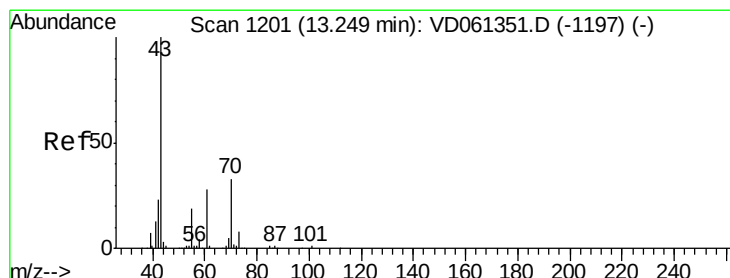
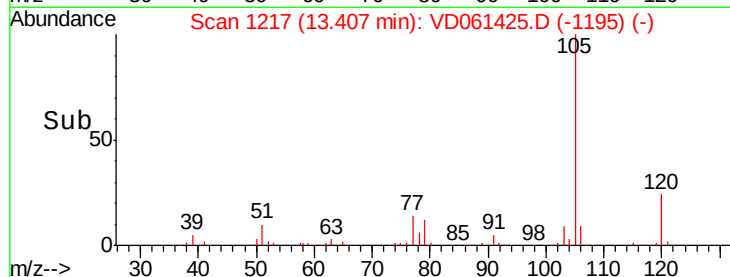
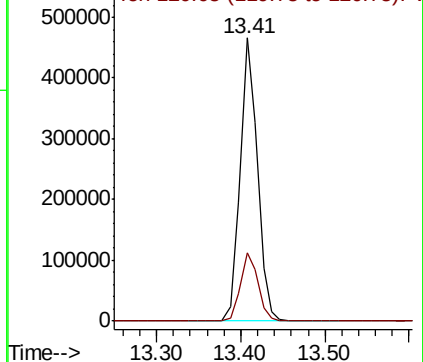
105 100

120 24.2 12.8 38.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 19.162 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.02 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Tgt Ion: 43 Resp: 161769

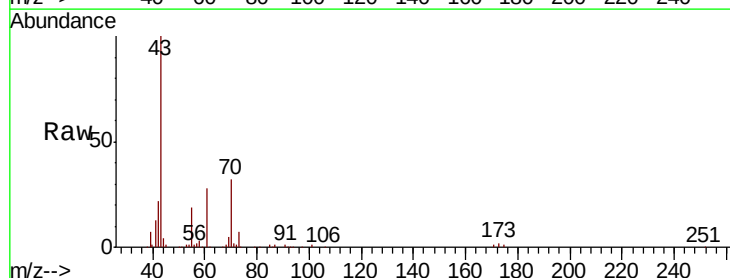
Ion Ratio Lower Upper

43 100

70 31.9 26.6 40.0

55 19.2 15.4 23.2

61 27.5 22.2 33.4

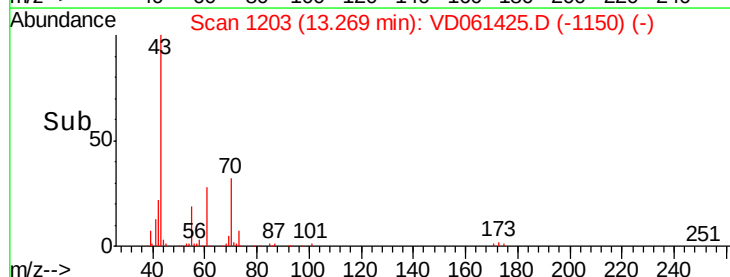
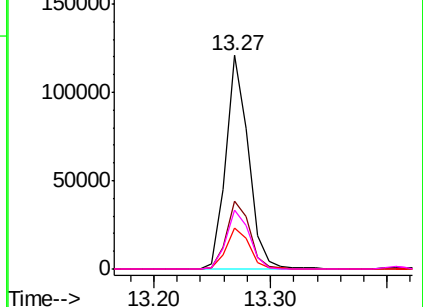


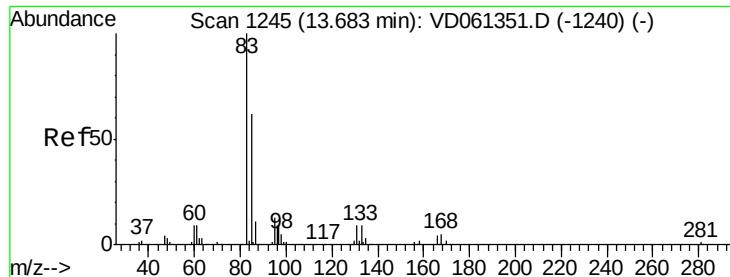
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 20.663 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.02 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0329SBSD01

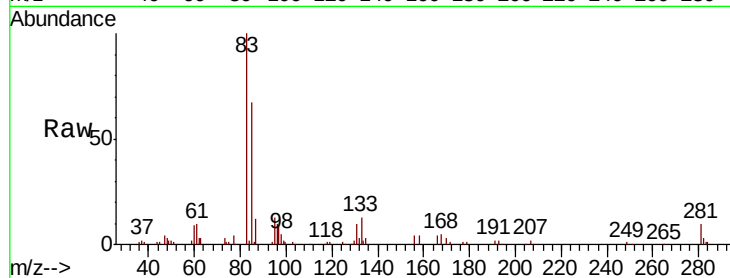
Tgt Ion: 83 Resp: 132093

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 9.9   | 4.3   | 13.1  |
| 85  | 66.9  | 31.2  | 93.6  |

83 100

131 9.9 4.3 13.1

85 66.9 31.2 93.6

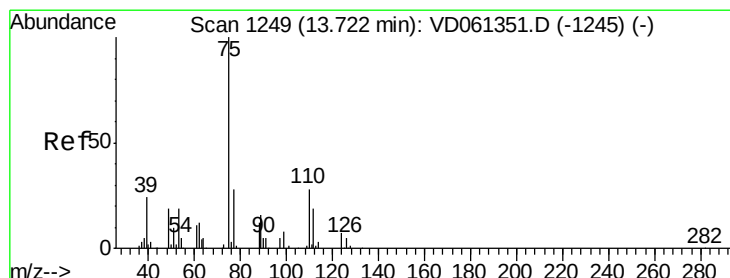
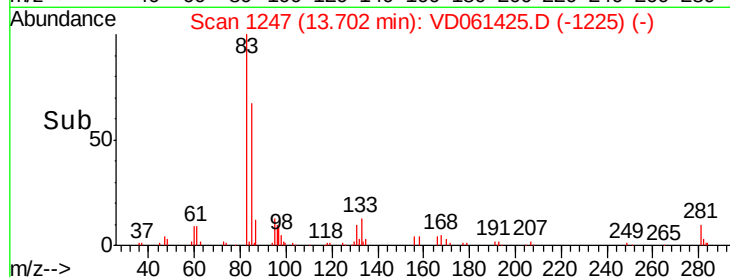
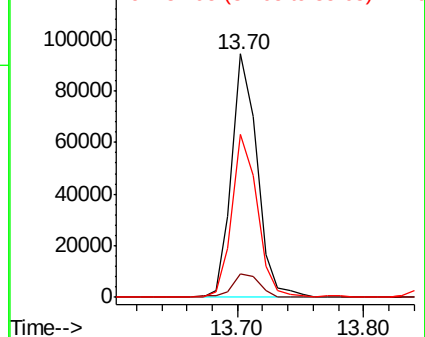


Abundance

Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 20.742 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.02 min

Lab File: VD061425.D

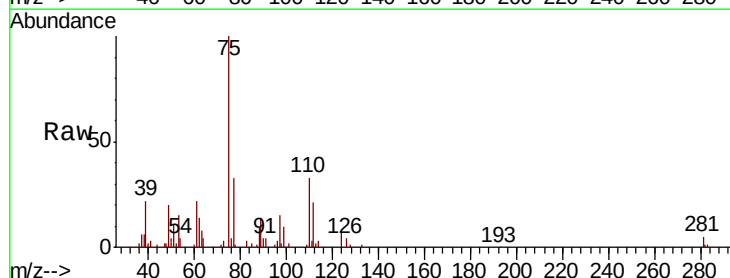
Acq: 29 Mar 2019 13:09

Tgt Ion: 75 Resp: 130459

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 33.1  | 16.2  | 48.5  |

75 100

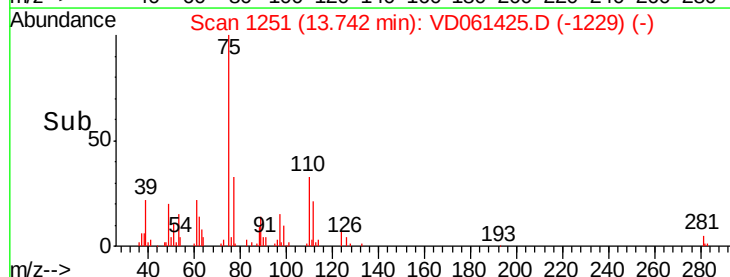
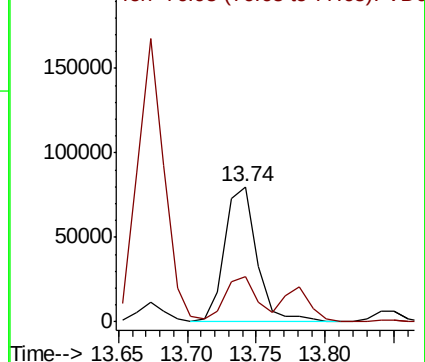
77 33.1 16.2 48.5

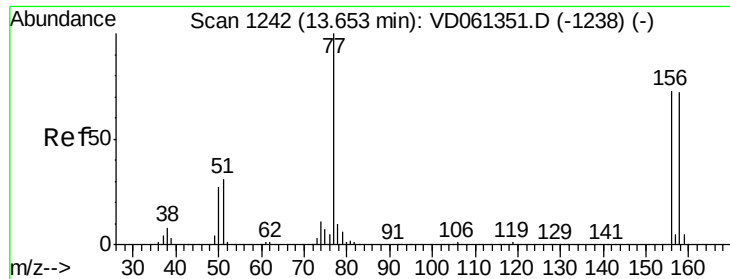


Abundance

Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 20.105 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. 0.02 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0329SBS01

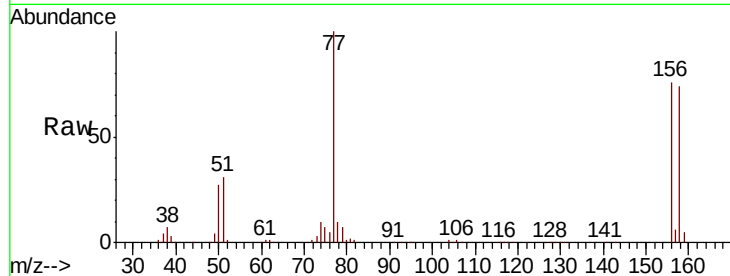
Tgt Ion:156 Resp: 180628

Ion Ratio Lower Upper

156 100

77 130.9 68.5 205.6

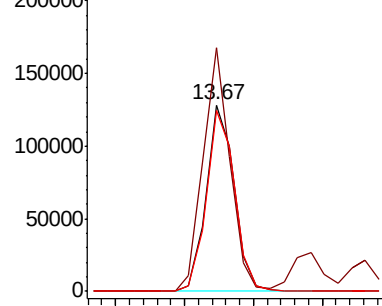
158 97.2 49.1 147.3



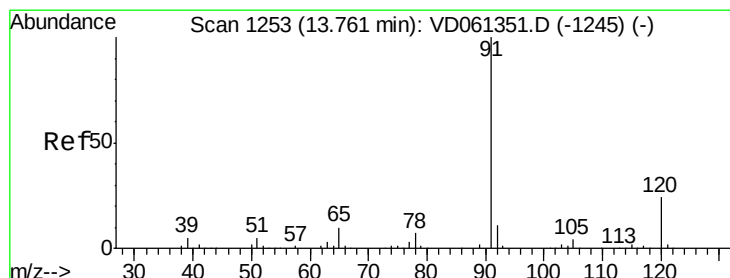
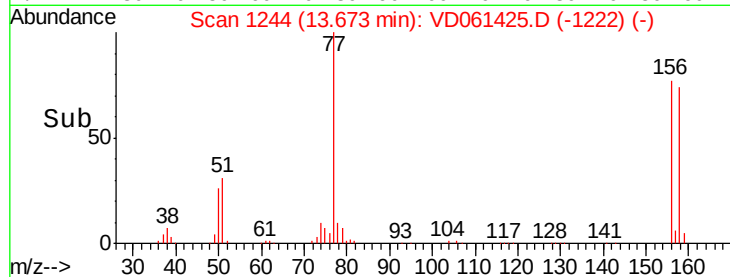
Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



Time-->



#78

n-propylbenzene

Concen: 22.698 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.02 min

Lab File: VD061425.D

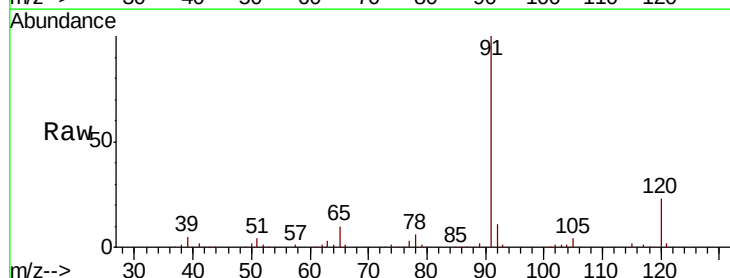
Acq: 29 Mar 2019 13:09

Tgt Ion: 91 Resp: 841789

Ion Ratio Lower Upper

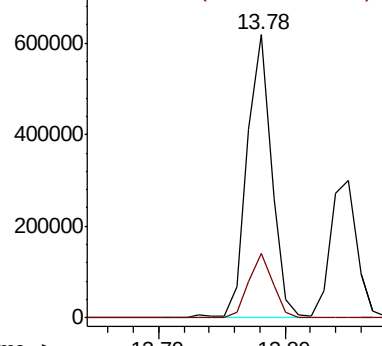
91 100

120 22.7 11.8 35.3

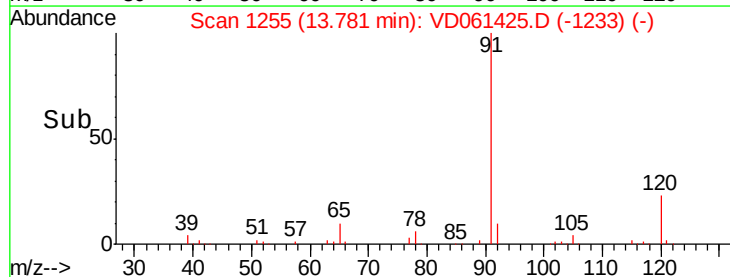


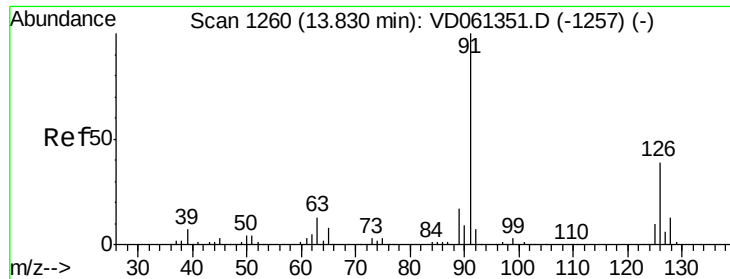
Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V



Time-->





#79

2-Chlorotoluene

Concen: 21.752 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.02 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

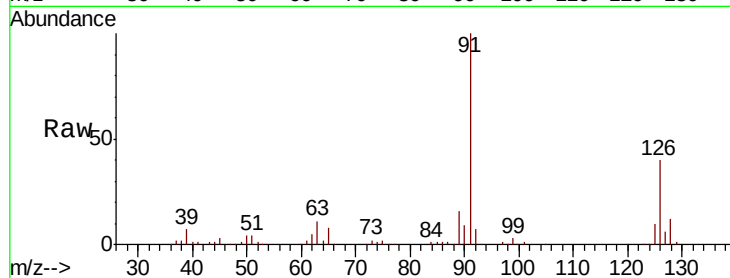
VD0329SBSD01

Tgt Ion: 91 Resp: 438016

Ion Ratio Lower Upper

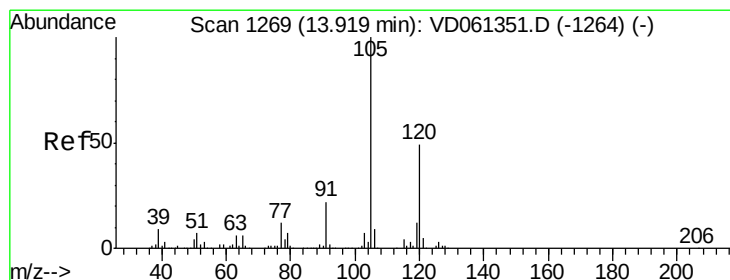
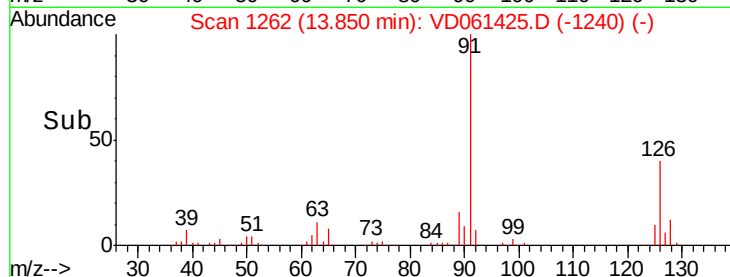
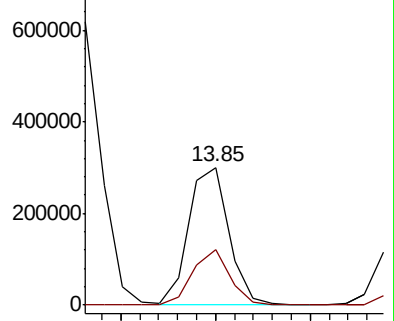
91 100

126 40.3 19.4 58.2



Abundance Ion 91.00 (90.70 to 91.70): VD061351.D (-1257) (-)

Ion 125.95 (125.65 to 126.65): VD061351.D (-1257) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.939 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. 0.02 min

Lab File: VD061425.D

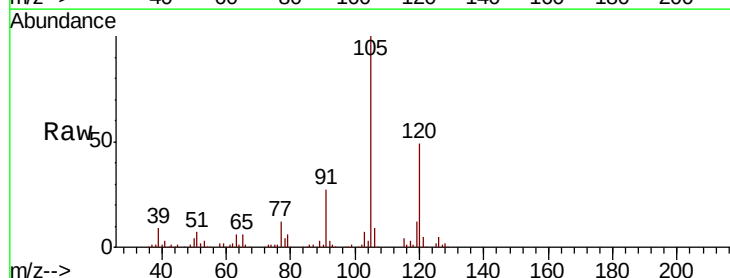
Acq: 29 Mar 2019 13:09

Tgt Ion: 105 Resp: 539355

Ion Ratio Lower Upper

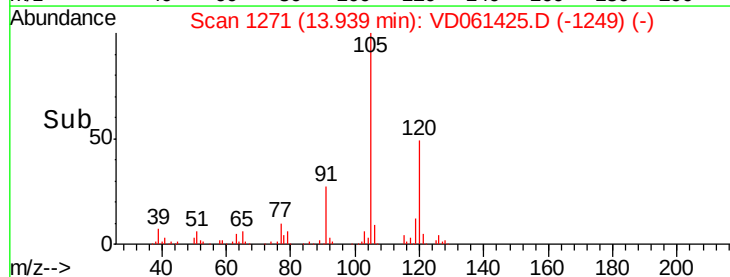
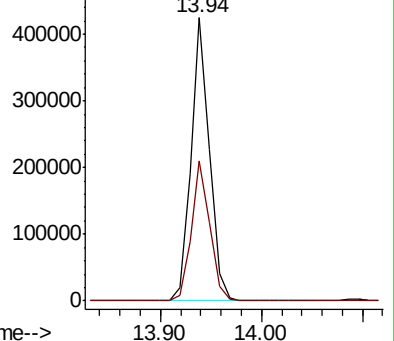
105 100

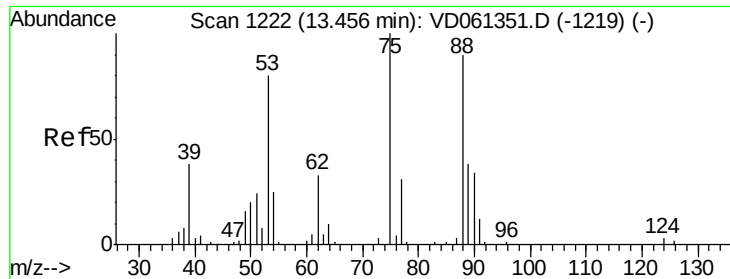
120 49.3 24.6 73.6



Abundance Ion 105.05 (104.75 to 105.75): VD061351.D (-1264) (-)

Ion 120.05 (119.75 to 120.75): VD061351.D (-1264) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.321 ug/l

RT: 13.48 min Scan# 1224

Delta R.T. 0.02 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0329SBS01

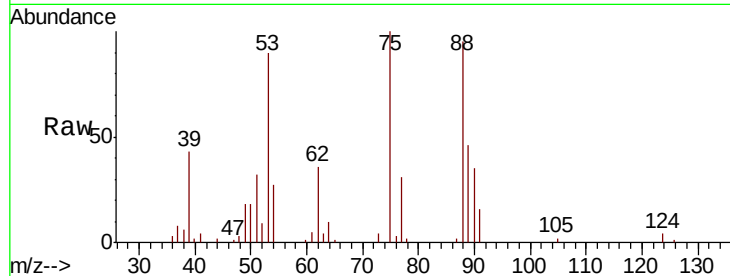
Tgt Ion: 75 Resp: 37052

Ion Ratio Lower Upper

75 100

53 90.3 63.8 95.8

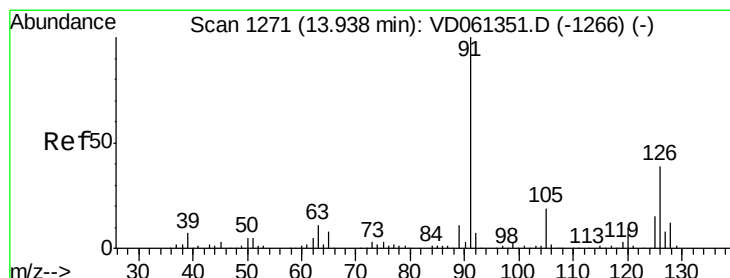
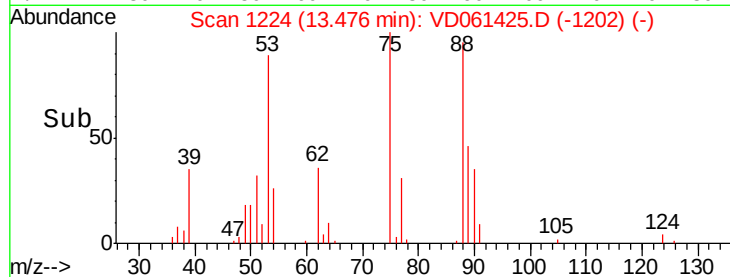
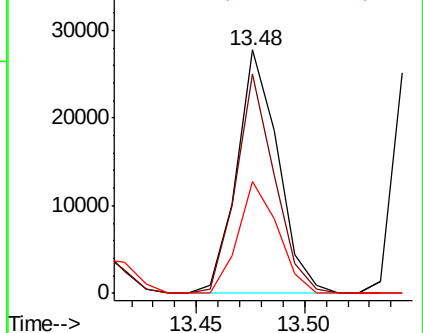
89 45.8 30.5 45.7#



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: 22.824 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VD061425.D

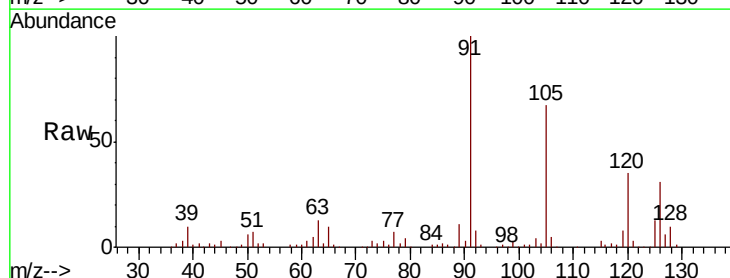
Acq: 29 Mar 2019 13:09

Tgt Ion: 91 Resp: 499749

Ion Ratio Lower Upper

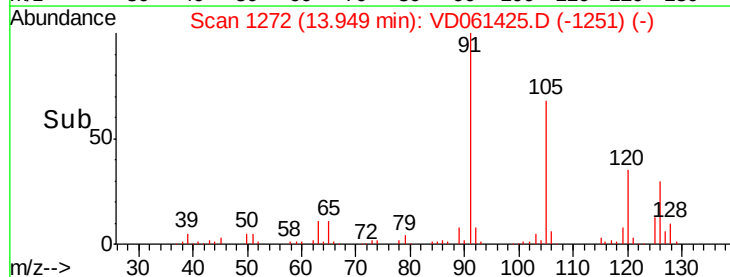
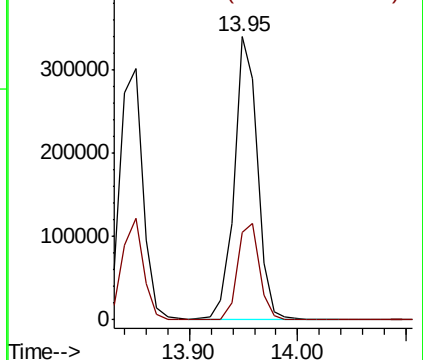
91 100

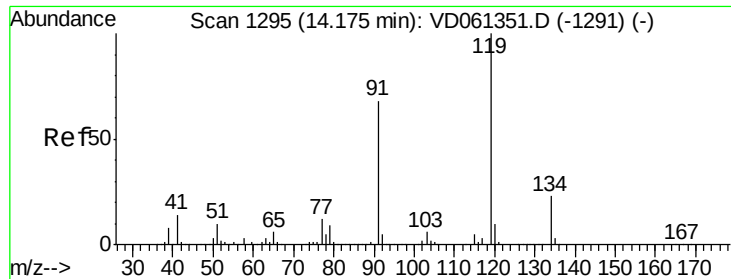
126 31.1 19.6 58.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V





#83

tert-Butylbenzene

Concen: 20.423 ug/l

RT: 14.19 min Scan# 1297

Delta R.T. 0.02 min

Lab File: VD061425.D

Acq: 29 Mar 2019 13:09

Instrument :

MSVOA\_D

ClientSampleId :

VD0329SBS01

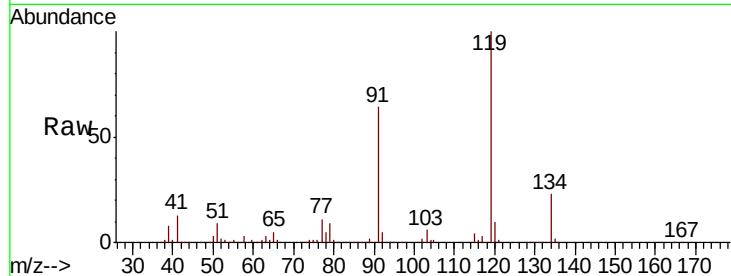
Tgt Ion:119 Resp: 600130

Ion Ratio Lower Upper

119 100

91 64.3 34.1 102.3

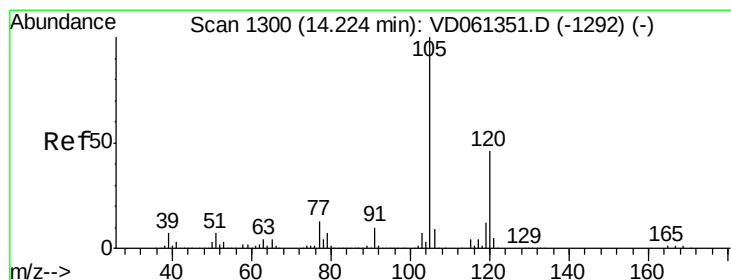
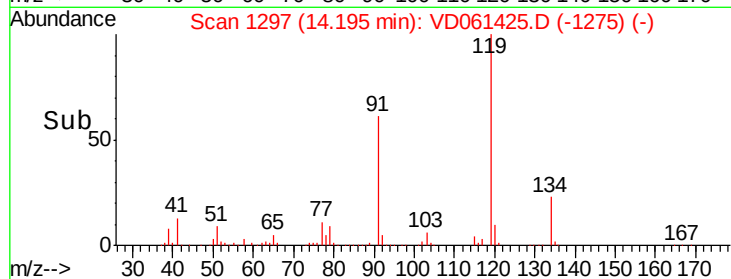
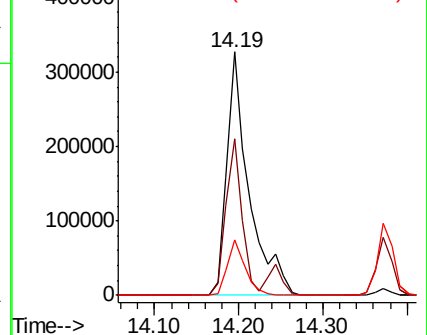
134 23.0 11.6 34.8



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.133 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. 0.02 min

Lab File: VD061425.D

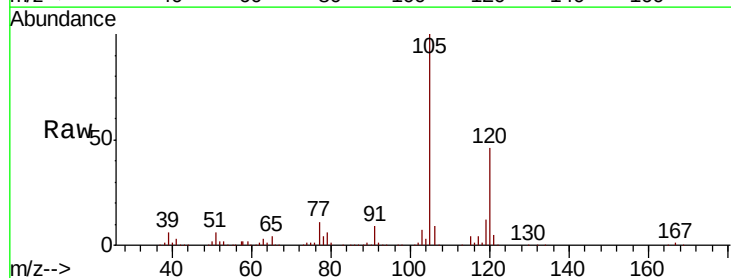
Acq: 29 Mar 2019 13:09

Tgt Ion:105 Resp: 563421

Ion Ratio Lower Upper

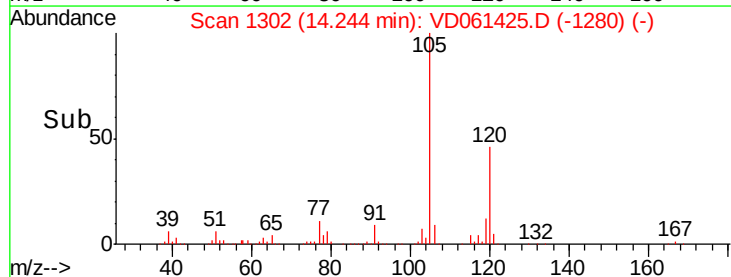
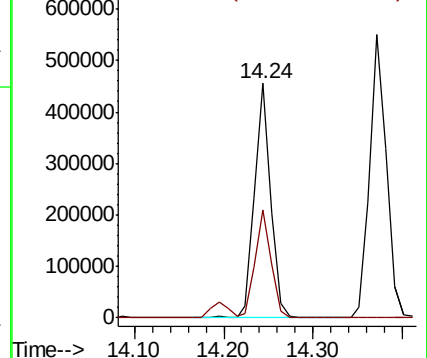
105 100

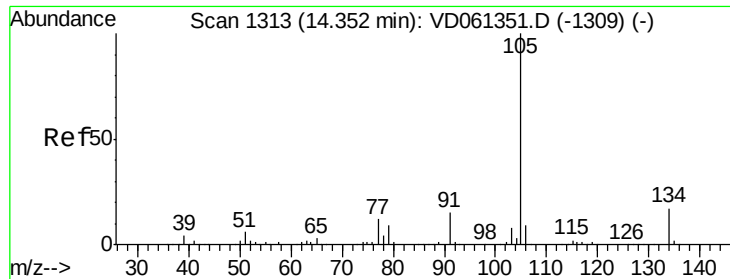
120 46.2 22.8 68.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

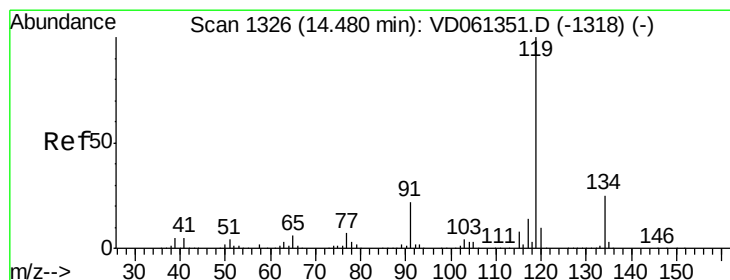
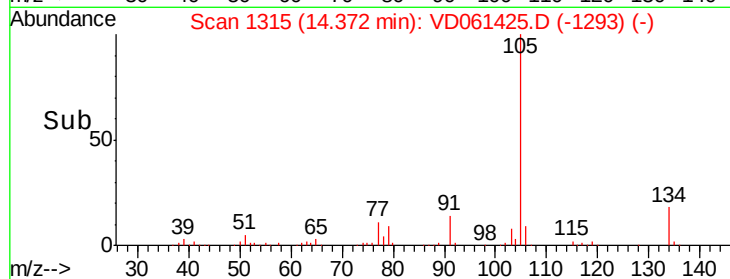
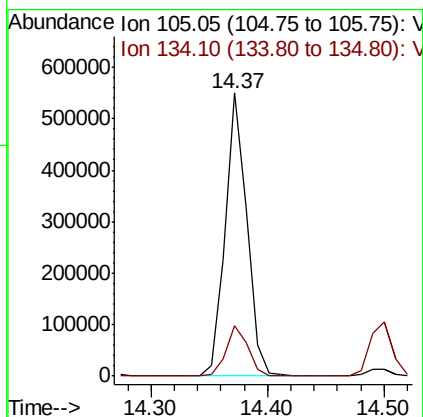
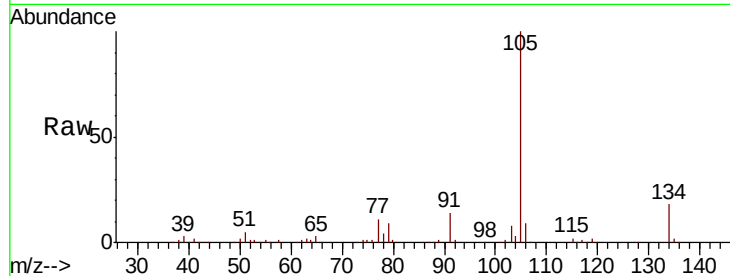




#85  
 sec-Butylbenzene  
 Concen: 22.597 ug/l  
 RT: 14.37 min Scan# 1315  
 Delta R.T. 0.02 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

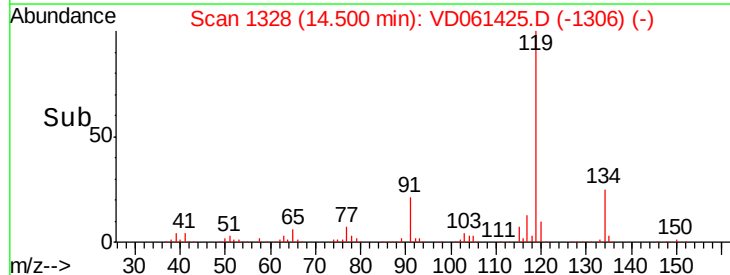
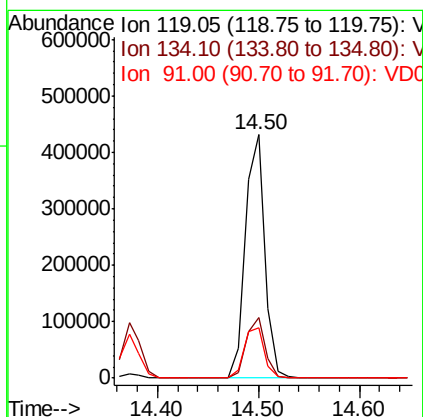
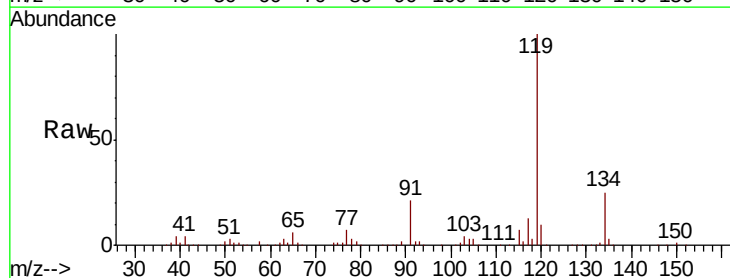
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBS01

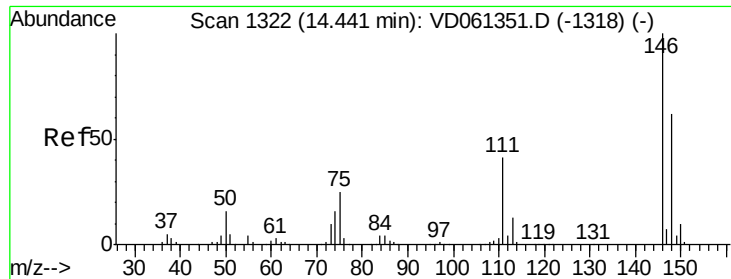
Tgt Ion:105 Resp: 705420  
 Ion Ratio Lower Upper  
 105 100  
 134 17.7 8.7 26.1



#86  
 p-Isopropyltoluene  
 Concen: 21.972 ug/l  
 RT: 14.50 min Scan# 1328  
 Delta R.T. 0.02 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Tgt Ion:119 Resp: 579989  
 Ion Ratio Lower Upper  
 119 100  
 134 24.7 12.3 36.8  
 91 20.9 11.1 33.1

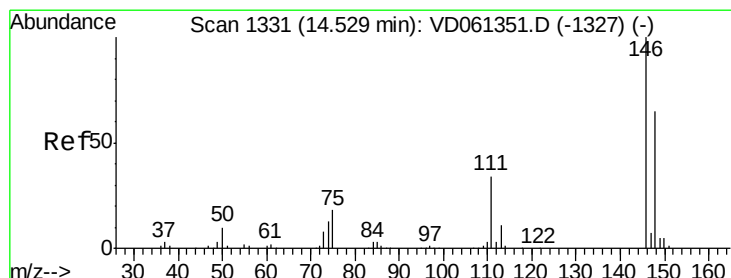
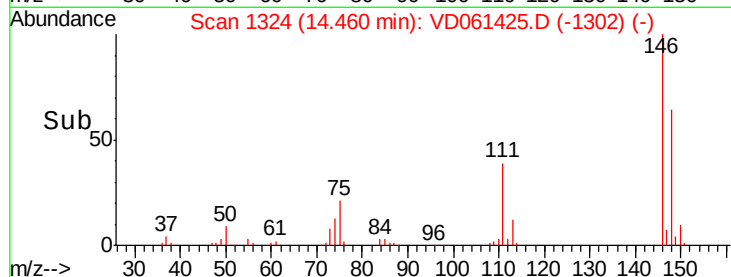
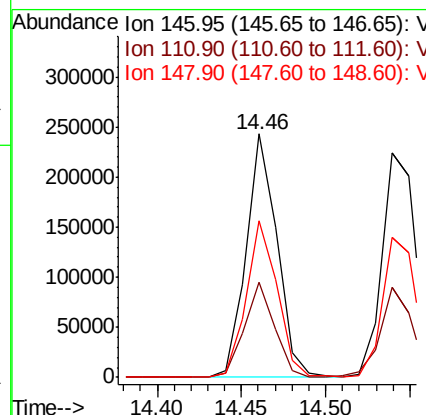
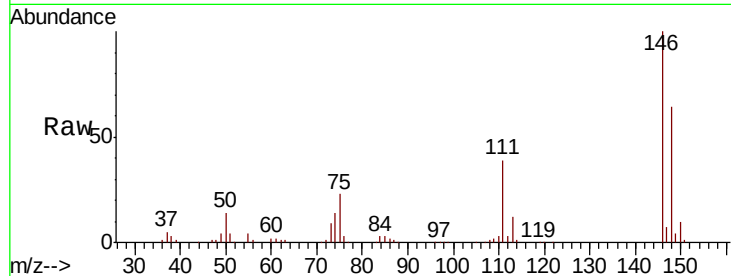




#87  
 1,3-Dichlorobenzene  
 Concen: 20.320 ug/l  
 RT: 14.46 min Scan# 1324  
 Delta R.T. 0.02 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

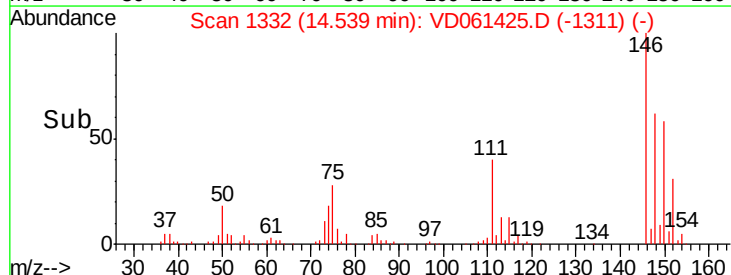
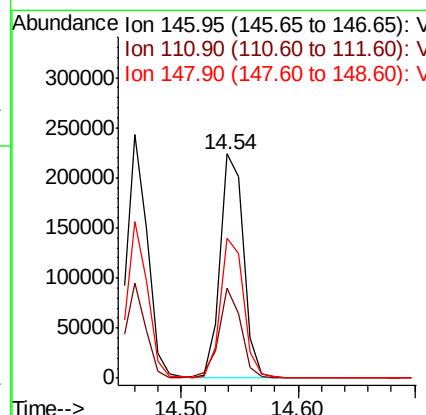
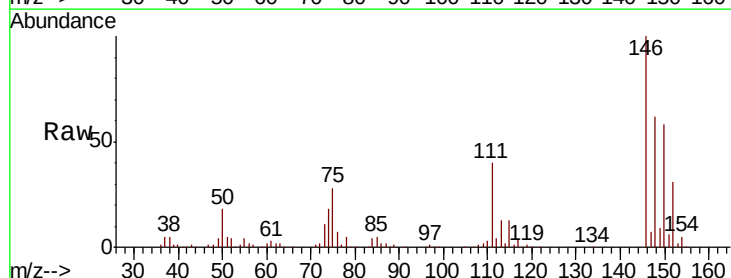
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBS01

Tgt Ion:146 Resp: 309146  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 20.6 61.9  
 148 64.2 31.1 93.3

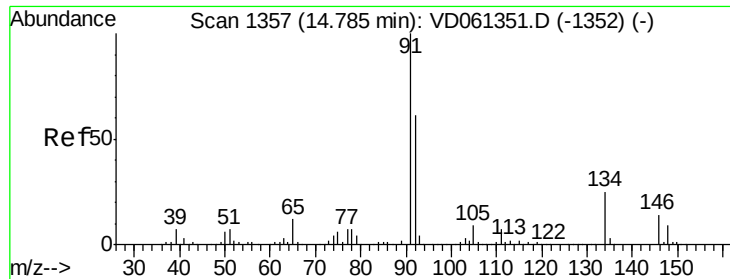


#88  
 1,4-Dichlorobenzene  
 Concen: 21.148 ug/l  
 RT: 14.54 min Scan# 1332  
 Delta R.T. 0.01 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Tgt Ion:146 Resp: 313755  
 Ion Ratio Lower Upper  
 146 100  
 111 40.2 16.8 50.4  
 148 62.3 32.6 98.0



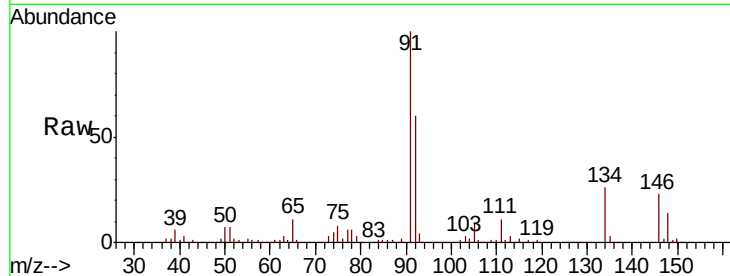




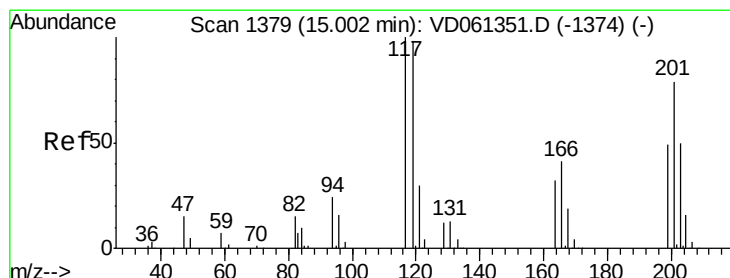
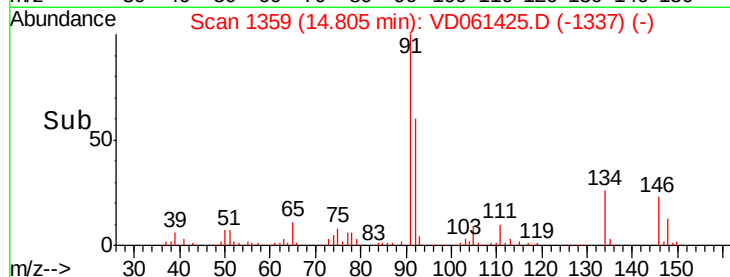
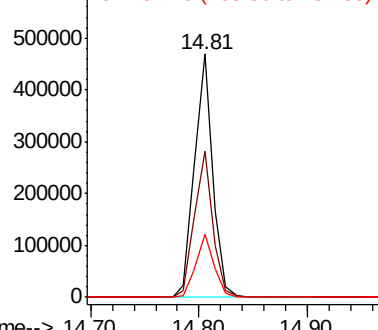
#89  
n-Butylbenzene  
Concen: 22.637 ug/l  
RT: 14.81 min Scan# 1359  
Delta R.T. 0.02 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0329SBSD01

Tgt Ion: 91 Resp: 548459  
Ion Ratio Lower Upper  
91 100  
92 60.3 30.3 91.0  
134 25.7 12.4 37.0

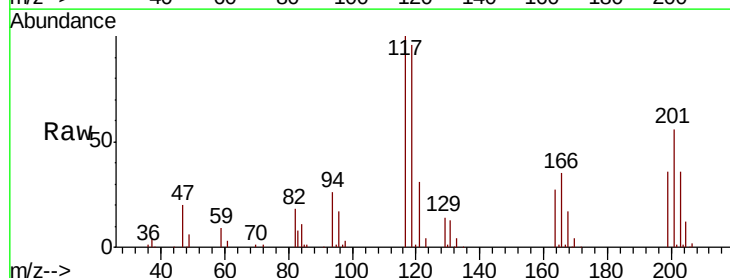


Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 92.00 (91.70 to 92.70): VDC  
Ion 134.10 (133.80 to 134.80): V

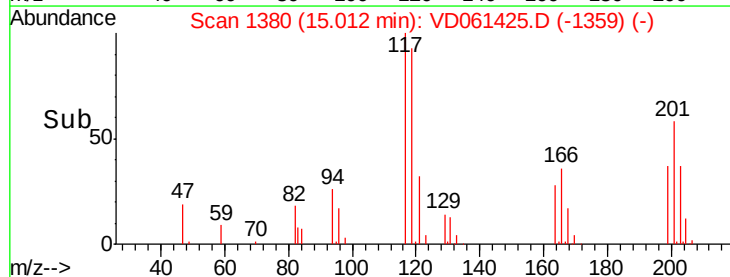
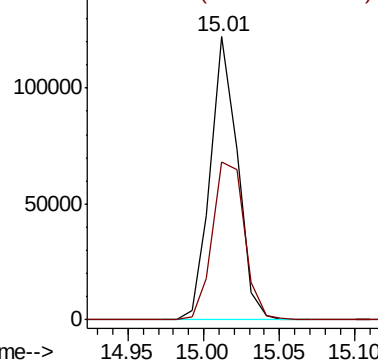


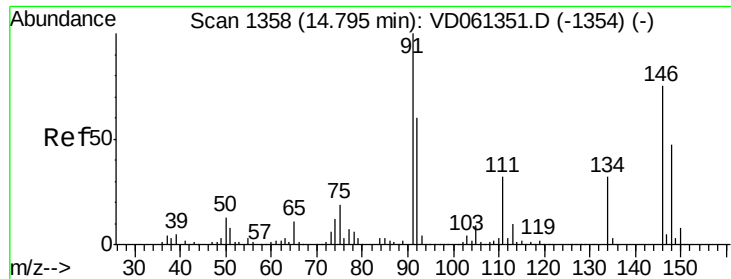
#90  
Hexachloroethane  
Concen: 20.532 ug/l  
RT: 15.01 min Scan# 1380  
Delta R.T. 0.01 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Tgt Ion: 117 Resp: 153115  
Ion Ratio Lower Upper  
117 100  
201 55.9 39.6 119.0



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 200.75 (200.45 to 201.45): V

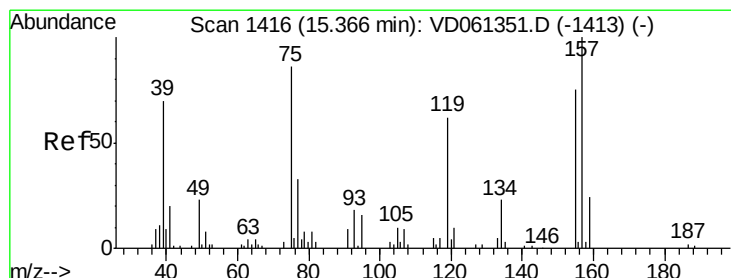
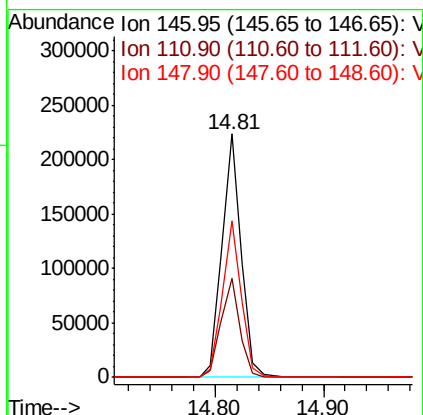
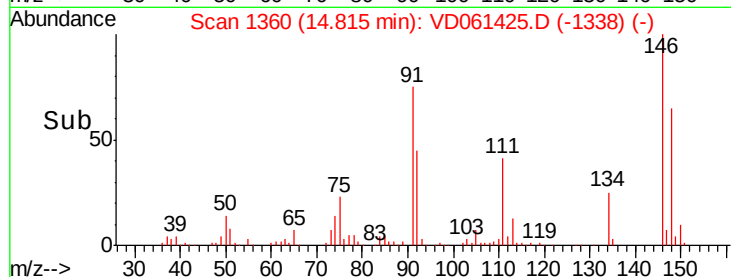
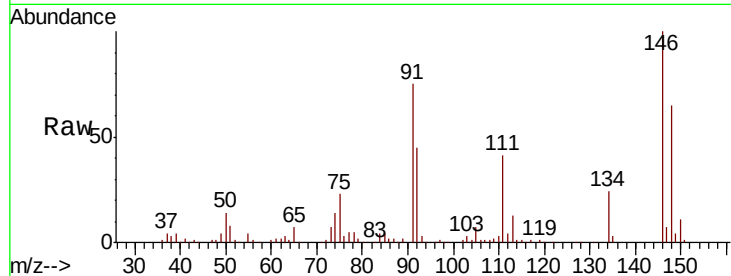




#91  
 1,2-Dichlorobenzene  
 Concen: 21.965 ug/l  
 RT: 14.81 min Scan# 1360  
 Delta R.T. 0.02 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

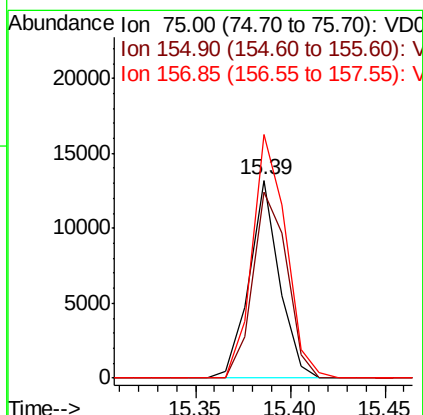
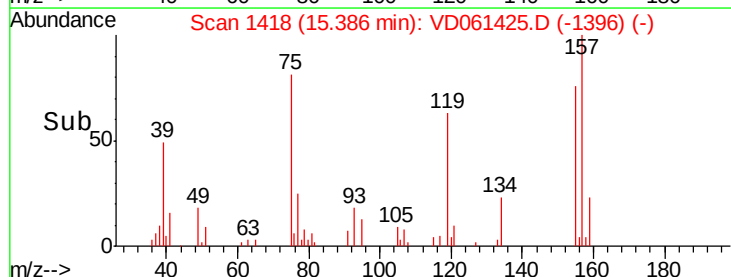
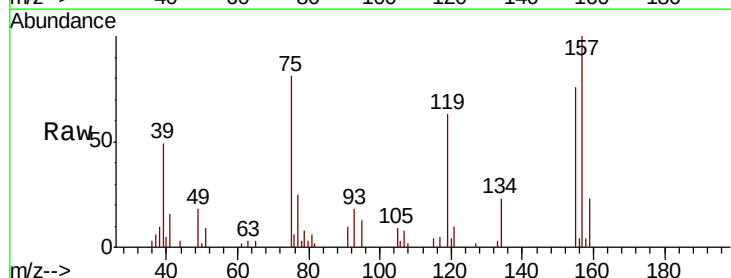
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBSD01

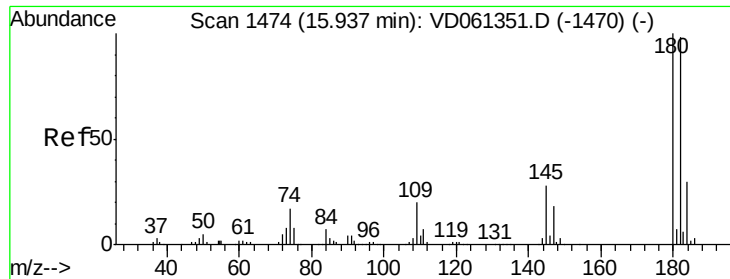
Tgt Ion:146 Resp: 274106  
 Ion Ratio Lower Upper  
 146 100  
 111 40.6 21.2 63.6  
 148 64.5 31.6 95.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.508 ug/l  
 RT: 15.39 min Scan# 1418  
 Delta R.T. 0.02 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Tgt Ion: 75 Resp: 14627  
 Ion Ratio Lower Upper  
 75 100  
 155 93.9 43.6 130.9  
 157 123.0 58.5 175.3

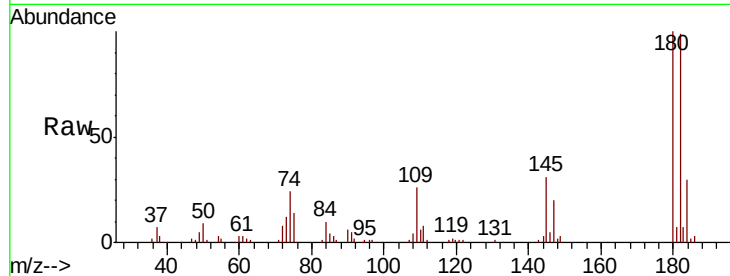




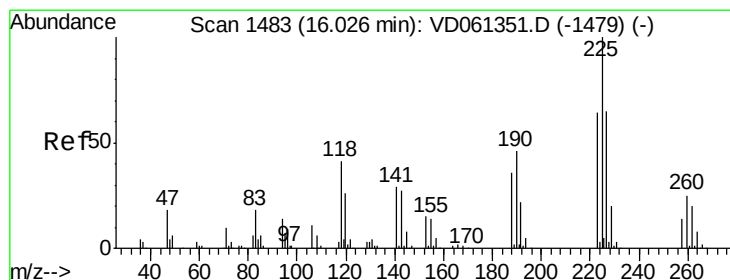
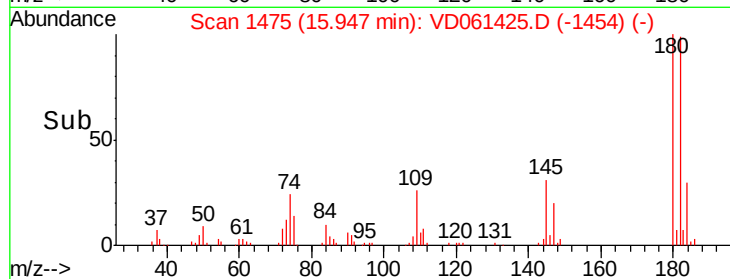
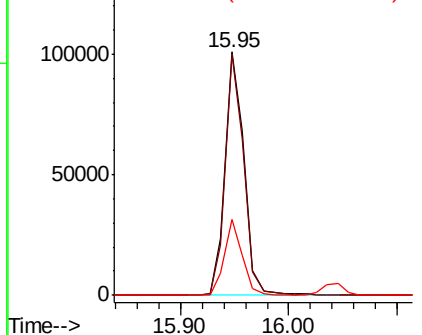
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.658 ug/l  
 RT: 15.95 min Scan# 1475  
 Delta R.T. 0.01 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0329SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.8  | 48.9  | 146.8 |
| 145     | 31.2  | 14.1  | 42.3  |

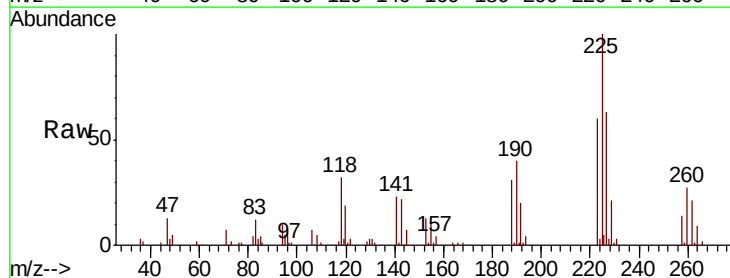


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

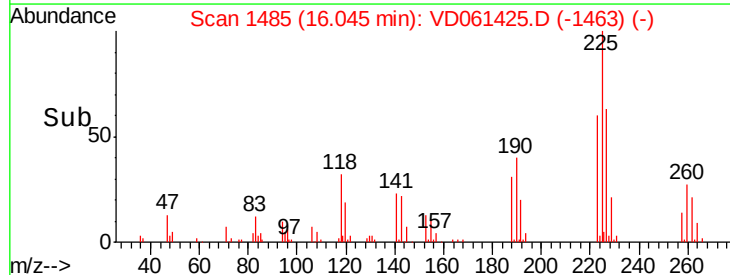
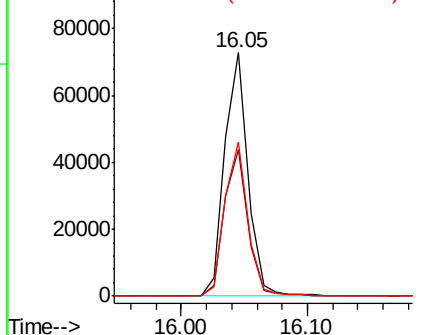


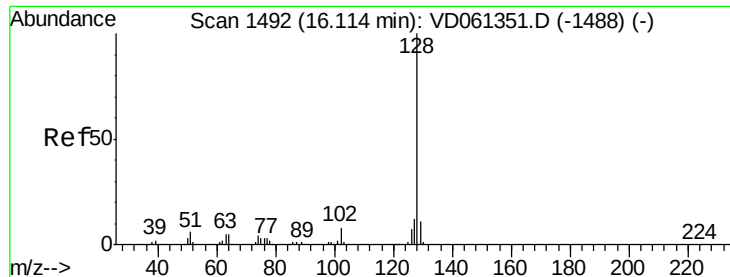
#94  
 Hexachlorobutadiene  
 Concen: 20.789 ug/l  
 RT: 16.05 min Scan# 1485  
 Delta R.T. 0.02 min  
 Lab File: VD061425.D  
 Acq: 29 Mar 2019 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.2  | 32.0  | 96.0  |
| 227     | 63.1  | 32.4  | 97.2  |



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

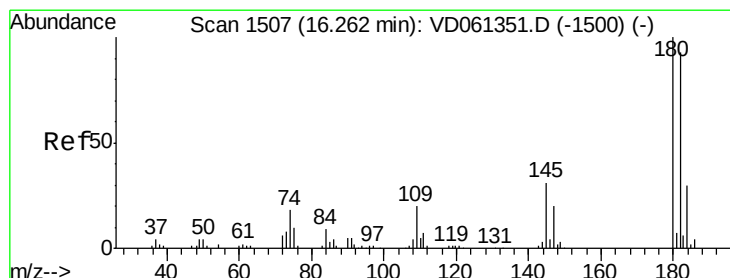
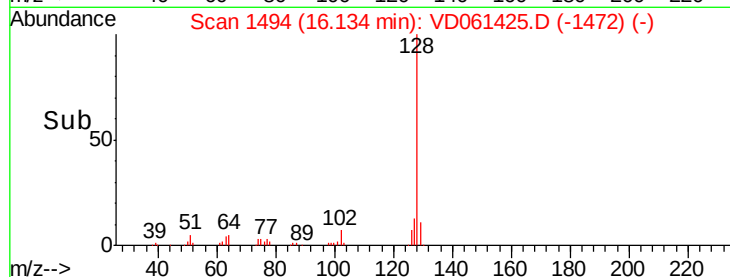
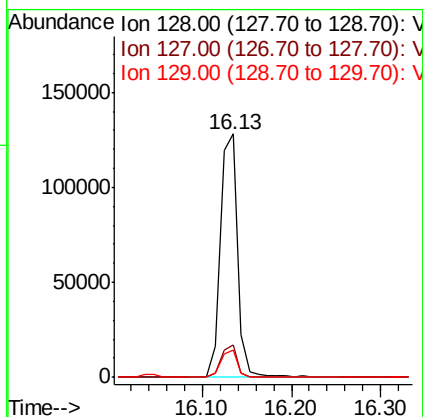
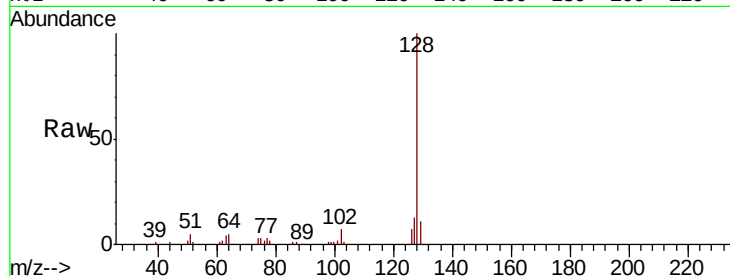




#95  
Naphthalene  
Concen: 20.219 ug/l  
RT: 16.13 min Scan# 1494  
Delta R.T. 0.02 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0329SBSD01

Tgt Ion:128 Resp: 175197  
Ion Ratio Lower Upper  
128 100  
127 13.1 9.9 14.9  
129 11.0 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 21.878 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. 0.01 min  
Lab File: VD061425.D  
Acq: 29 Mar 2019 13:09

Tgt Ion:180 Resp: 54728  
Ion Ratio Lower Upper  
180 100  
182 99.5 46.4 139.1  
145 33.9 15.3 45.9

