

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\  
 Data File : VD061514.D  
 Acq On : 2 Apr 2019 15:11  
 Operator : VA/AP  
 Sample : VD0402SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBS01

Quant Time: Apr 03 01:50:30 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      | 7.04  | 168  | 694281   | 50.00 | ug/l  | 0.03     |
| 34) 1,4-Difluorobenzene    | 8.21  | 114  | 1062987  | 50.00 | ug/l  | 0.03     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 924709   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152  | 413705   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response   | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|------------|---------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.45  | 65   | 331063     | 55.82   | ug/l  | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery = | 111.64% |       |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 488919     | 60.19   | ug/l  | 0.03     |
| Spiked Amount 50.000        |       |      | Recovery = | 120.38% |       |          |
| 50) Toluene-d8              | 10.40 | 98   | 1230161    | 63.14   | ug/l  | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery = | 126.28% |       |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 463268     | 62.01   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 124.02% |       |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.59 | 85   | 164366   | 22.168  | ug/l   | 100    |
| 3) Chloromethane              | 1.77 | 50   | 128482   | 21.247  | ug/l   | 95     |
| 4) Vinyl Chloride             | 1.86 | 62   | 125954   | 22.685  | ug/l   | 98     |
| 5) Bromomethane               | 2.16 | 94   | 20282    | 18.422  | ug/l   | 98     |
| 6) Chloroethane               | 2.27 | 64   | 28785    | 17.679  | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 2.53 | 101  | 186972   | 23.158  | ug/l   | 96     |
| 8) Diethyl Ether              | 2.88 | 74   | 55001    | 21.158  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101  | 201118   | 23.171  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.31 | 142  | 213869   | 18.550  | ug/l   | 96     |
| 11) Tert butyl alcohol        | 4.07 | 59   | 40707    | 110.212 | ug/l # | 93     |
| 12) 1,1-Dichloroethene        | 3.13 | 96   | 171031   | 22.951  | ug/l   | 94     |
| 13) Acrolein                  | 3.05 | 56   | 27598    | 82.738  | ug/l   | 99     |
| 14) Allyl chloride            | 3.62 | 41   | 227358   | 21.874  | ug/l   | 97     |
| 15) Acrylonitrile             | 4.20 | 53   | 149054   | 116.271 | ug/l   | 95     |
| 16) Acetone                   | 3.22 | 43   | 178078   | 116.802 | ug/l   | 96     |
| 17) Carbon Disulfide          | 3.38 | 76   | 521681   | 21.546  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.65 | 43   | 73029    | 22.782  | ug/l   | 95     |
| 19) Methyl tert-butyl Ether   | 4.24 | 73   | 300428   | 23.289  | ug/l   | 98     |
| 20) Methylene Chloride        | 3.81 | 84   | 203105   | 22.733  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 4.22 | 96   | 184847   | 22.975  | ug/l   | 97     |
| 22) Diisopropyl ether         | 5.11 | 45   | 504727   | 22.947  | ug/l   | 96     |
| 23) Vinyl Acetate             | 5.05 | 43   | 1286223  | 107.654 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 4.99 | 63   | 286033   | 22.128  | ug/l   | 98     |
| 25) 2-Butanone                | 6.07 | 43   | 218076   | 113.710 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.02 | 77   | 225983   | 21.992  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.03 | 96   | 186190   | 21.122  | ug/l   | 94     |
| 28) Bromochloromethane        | 6.43 | 49   | 112033   | 21.470  | ug/l # | 99     |
| 29) Tetrahydrofuran           | 6.45 | 42   | 111096   | 119.514 | ug/l   | 99     |
| 30) Chloroform                | 6.66 | 83   | 313199   | 23.449  | ug/l   | 97     |
| 31) Cyclohexane               | 6.94 | 56   | 239621   | 23.458  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 6.86 | 97   | 258225   | 21.914  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 7.14 | 75   | 241273   | 26.006  | ug/l   | 97     |
| 37) Ethyl Acetate             | 6.18 | 43   | 101405   | 25.557  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.10 | 117  | 273305   | 25.637  | ug/l   | 96     |

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 Acq On : 2 Apr 2019 15:11  
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 Sample : VD0402SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBS01

Quant Time: Apr 03 01:50:30 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) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 8.85  | 83   | 248100   | 25.677  | ug/l  | 98       |
| 40) Benzene                    | 7.45  | 78   | 568523   | 24.417  | ug/l  | 98       |
| 41) Methacrylonitrile          | 6.44  | 41   | 119925   | 25.850  | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 7.56  | 62   | 182046   | 26.138  | ug/l  | 98       |
| 43) Isopropyl Acetate          | 9.23  | 43   | 145809   | 25.257  | ug/l  | 97       |
| 44) Trichloroethene            | 8.53  | 130  | 217698   | 25.124  | ug/l  | 99       |
| 45) 1,2-Dichloropropane        | 8.93  | 63   | 145876   | 24.707  | ug/l  | 96       |
| 46) Dibromomethane             | 9.05  | 93   | 96092    | 24.181  | ug/l  | 94       |
| 47) Bromodichloromethane       | 9.37  | 83   | 216656   | 24.291  | ug/l  | 96       |
| 48) Methyl methacrylate        | 9.11  | 41   | 83612    | 26.243  | ug/l  | 98       |
| 49) 1,4-Dioxane                | 9.07  | 88   | 18601    | 529.311 | ug/l  | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.29 | 43   | 449645   | 128.022 | ug/l  | 99       |
| 52) Toluene                    | 10.50 | 92   | 358908   | 25.266  | ug/l  | 97       |
| 53) t-1,3-Dichloropropene      | 10.90 | 75   | 206164   | 25.441  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 10.03 | 75   | 248626   | 25.197  | ug/l  | 100      |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 127309   | 25.627  | ug/l  | 96       |
| 56) Ethyl methacrylate         | 11.03 | 69   | 119759   | 22.440  | ug/l  | 96       |
| 57) 1,3-Dichloropropane        | 11.39 | 76   | 190418   | 26.078  | ug/l  | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.85  | 63   | 311250   | 119.759 | ug/l  | 98       |
| 59) 2-Hexanone                 | 11.52 | 43   | 335985   | 132.031 | ug/l  | 100      |
| 60) Dibromochloromethane       | 11.68 | 129  | 200988   | 26.244  | ug/l  | 96       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 147469   | 25.636  | ug/l  | 99       |
| 64) Tetrachloroethene          | 11.25 | 164  | 166511   | 22.944  | ug/l  | 99       |
| 65) Chlorobenzene              | 12.39 | 112  | 434282   | 22.980  | ug/l  | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 177358   | 24.239  | ug/l  | 98       |
| 67) Ethyl Benzene              | 12.52 | 91   | 727506   | 25.221  | ug/l  | 98       |
| 68) m/p-Xylenes                | 12.66 | 106  | 558721   | 51.134  | ug/l  | 98       |
| 69) o-Xylene                   | 13.04 | 106  | 271705   | 25.624  | ug/l  | 99       |
| 70) Styrene                    | 13.07 | 104  | 461601   | 24.973  | ug/l  | 98       |
| 71) Bromoform                  | 13.23 | 173  | 105877   | 22.826  | ug/l  | 95       |
| 73) Isopropylbenzene           | 13.39 | 105  | 685736   | 23.816  | ug/l  | 97       |
| 74) N-amyl acetate             | 13.25 | 43   | 198617   | 24.762  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.69 | 83   | 133515   | 21.981  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 134069   | 22.434  | ug/l  | 99       |
| 77) Bromobenzene               | 13.66 | 156  | 197683   | 23.159  | ug/l  | 99       |
| 78) n-propylbenzene            | 13.77 | 91   | 838543   | 23.798  | ug/l  | 98       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 476027   | 24.880  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 13.92 | 105  | 569789   | 25.505  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 13.46 | 75   | 42397    | 23.268  | ug/l  | 91       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 547059   | 26.297  | ug/l  | 98       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 656182   | 23.503  | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 612524   | 25.325  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 683437   | 23.042  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 646291   | 25.769  | ug/l  | 98       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 346893   | 23.998  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 327446   | 23.229  | ug/l  | 98       |
| 89) n-Butylbenzene             | 14.79 | 91   | 551110   | 23.941  | ug/l  | 98       |
| 90) Hexachloroethane           | 15.00 | 117  | 166794   | 23.540  | ug/l  | 68       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 282056   | 23.789  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 17928    | 25.166  | ug/l  | 97       |

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Operator : VA/AP  
Sample : VD0402SBS01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

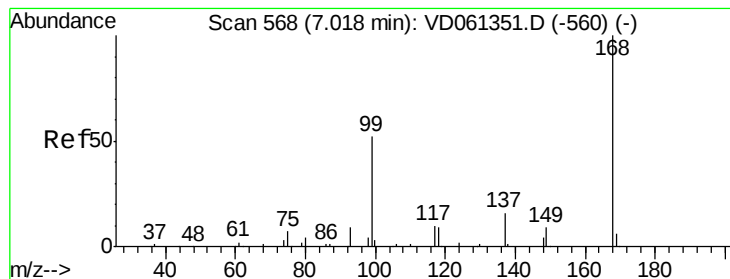
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

Quant Time: Apr 03 01:50:30 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) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 142444   | 26.373 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 97563    | 23.116 | ug/l  | 97       |
| 95) Naphthalene            | 16.12 | 128  | 191518   | 23.263 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 64455    | 27.119 | ug/l  | 99       |

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

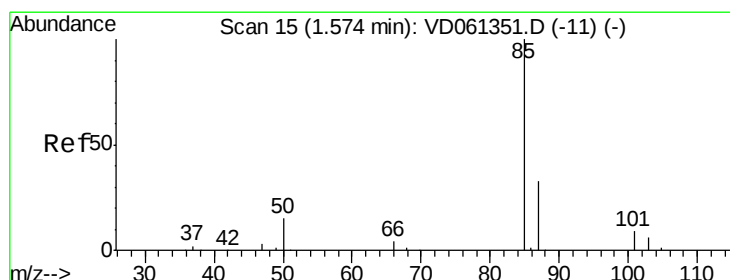
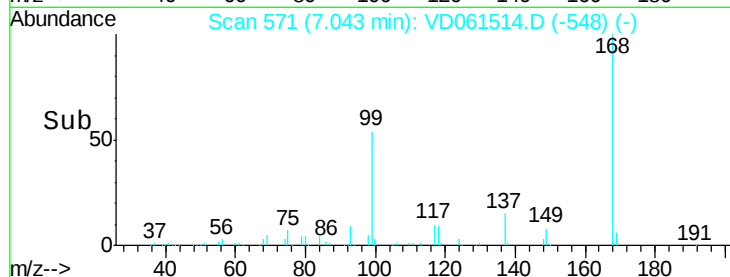
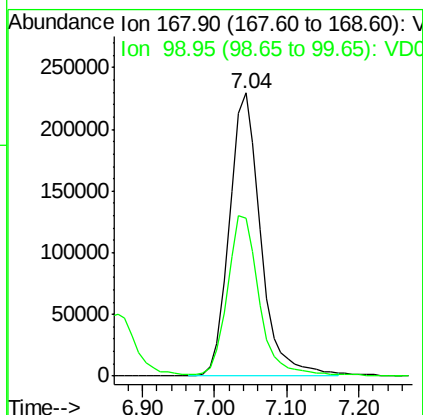
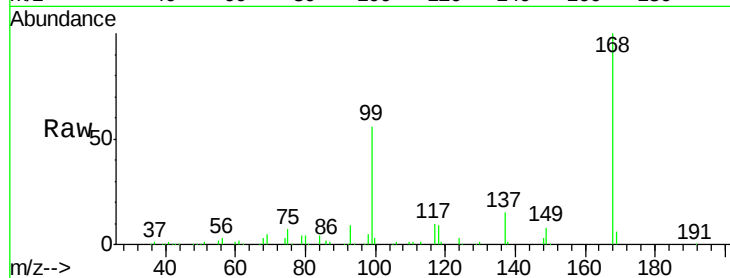




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.04 min Scan# 571  
Delta R.T. 0.03 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

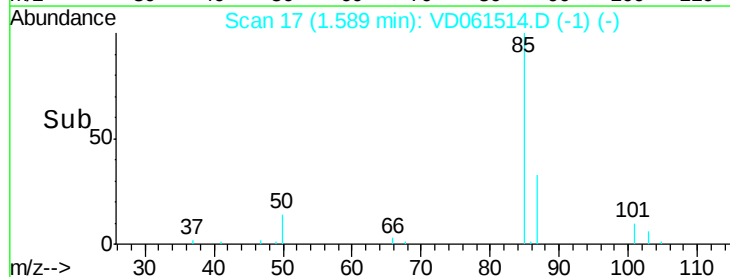
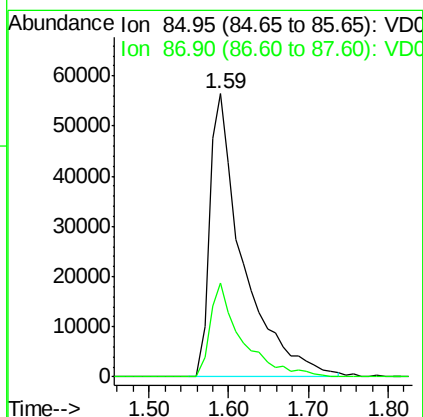
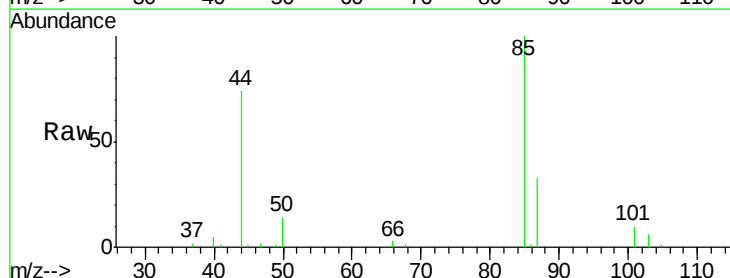
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

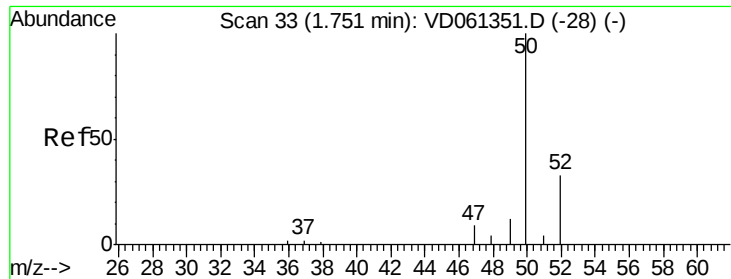
Tot Ion:168 Resp: 694281  
Ion Ratio Lower Upper  
168 100  
99 55.7 43.1 64.7



#2  
Dichlorodifluoromethane  
Concen: 22.168 ug/l  
RT: 1.59 min Scan# 17  
Delta R.T. 0.02 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion: 85 Resp: 164366  
Ion Ratio Lower Upper  
85 100  
87 33.3 16.6 49.7

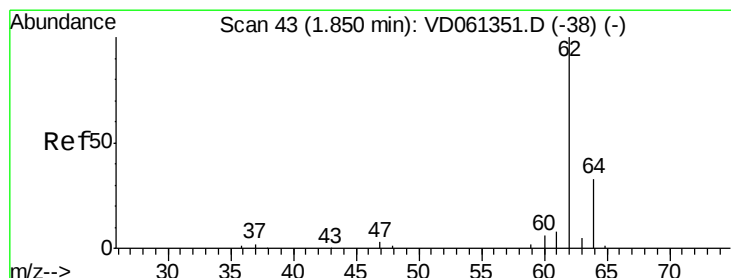
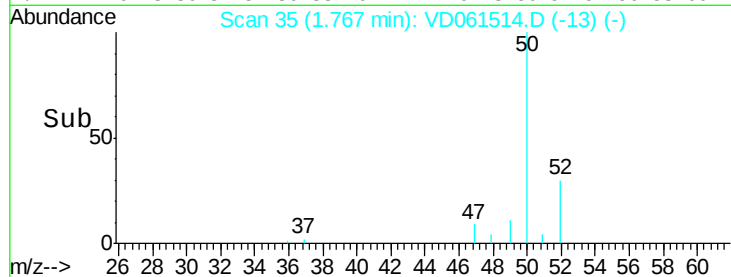
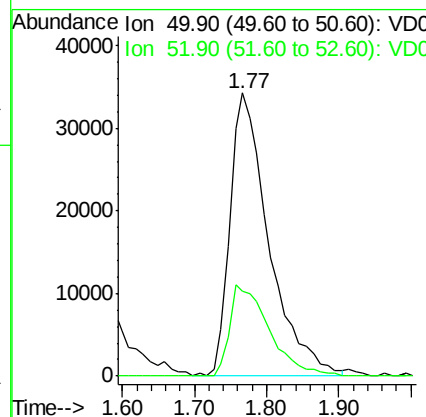
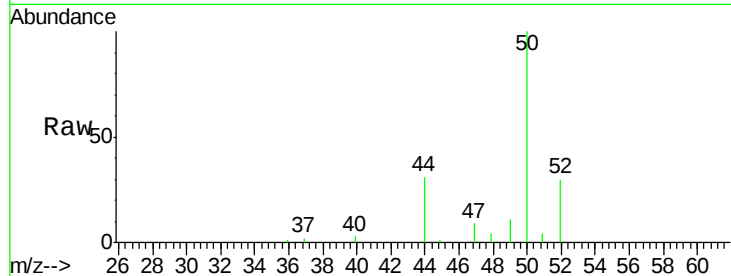




#3  
 Chloromethane  
 Concen: 21.247 ug/l  
 RT: 1.77 min Scan# 35  
 Delta R.T. 0.02 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

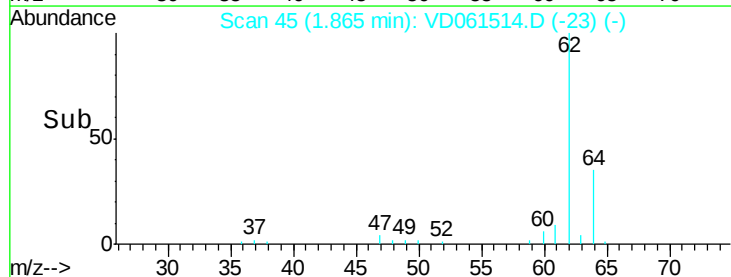
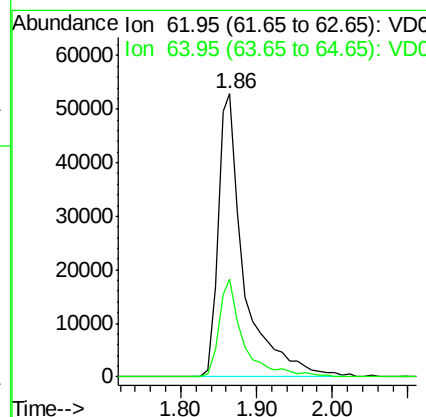
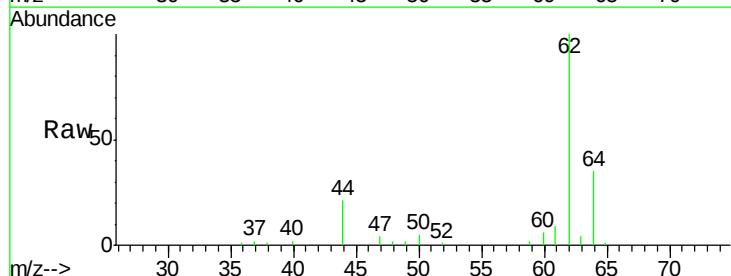
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBS01

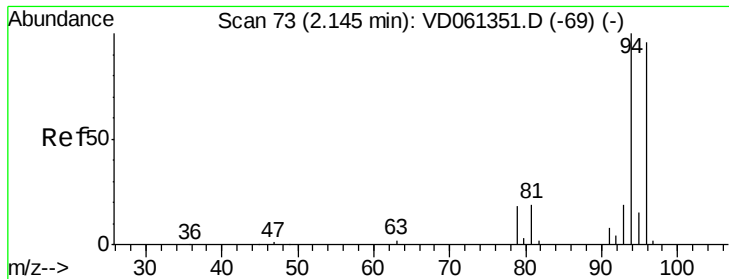
Tot Ion: 50 Resp: 128482  
 Ion Ratio Lower Upper  
 50 100  
 52 30.0 26.1 39.1



#4  
 Vinyl Chloride  
 Concen: 22.685 ug/l  
 RT: 1.86 min Scan# 45  
 Delta R.T. 0.02 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

Tgt Ion: 62 Resp: 125954  
 Ion Ratio Lower Upper  
 62 100  
 64 34.6 26.6 39.8





#5

Bromomethane

Concen: 18.422 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

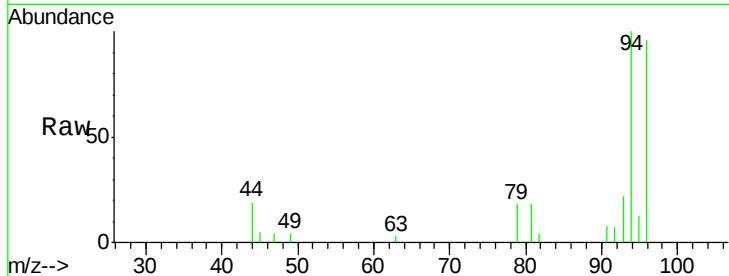
Tot Ion: 94 Resp: 20282

Ion Ratio Lower Upper

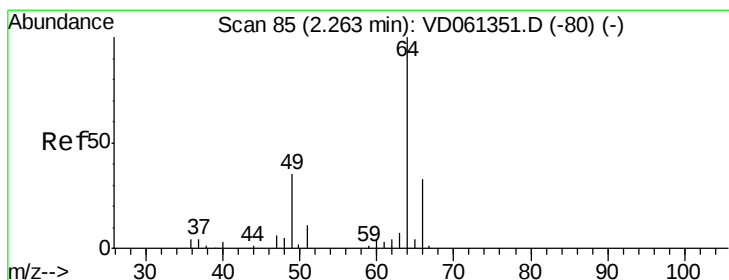
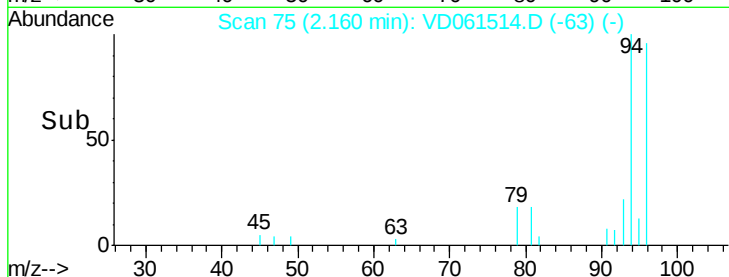
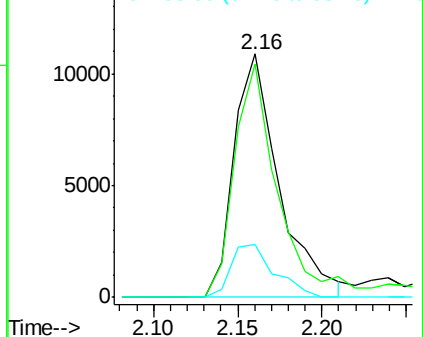
94 100

96 96.1 78.3 117.5

93 21.7 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: 17.679 ug/l

RT: 2.27 min Scan# 86

Delta R.T. 0.01 min

Lab File: VD061514.D

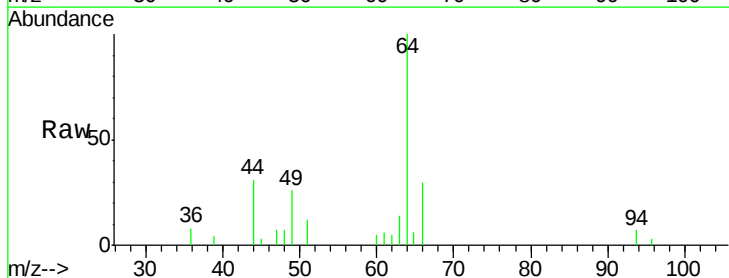
Acq: 2 Apr 2019 15:11

Tgt Ion: 64 Resp: 28785

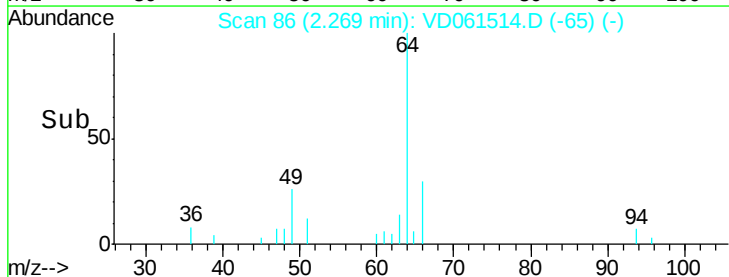
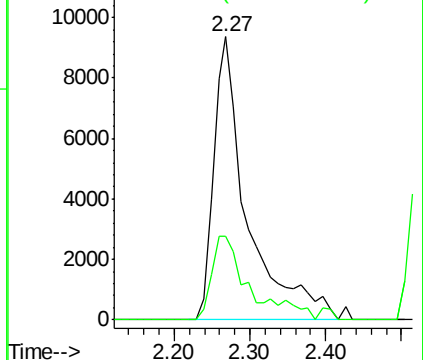
Ion Ratio Lower Upper

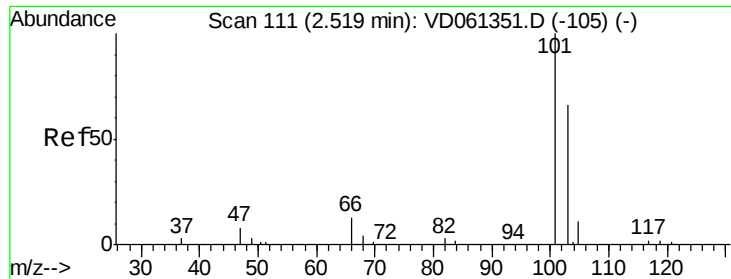
64 100

66 29.7 26.2 39.2



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



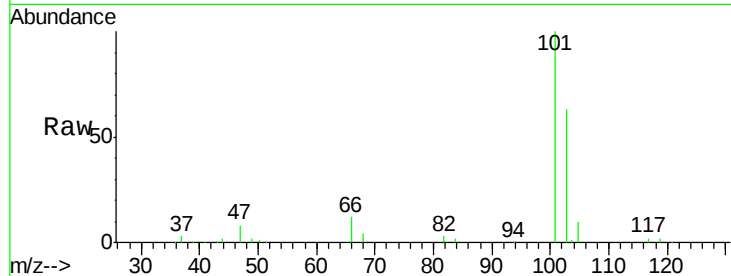


#7

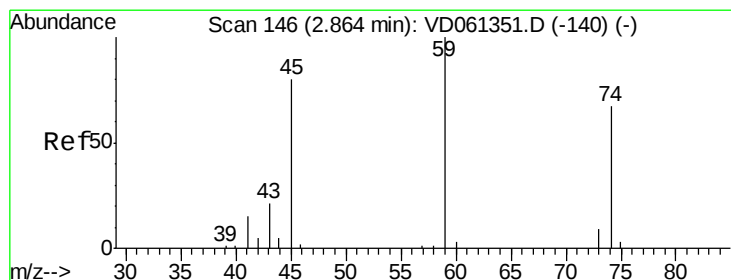
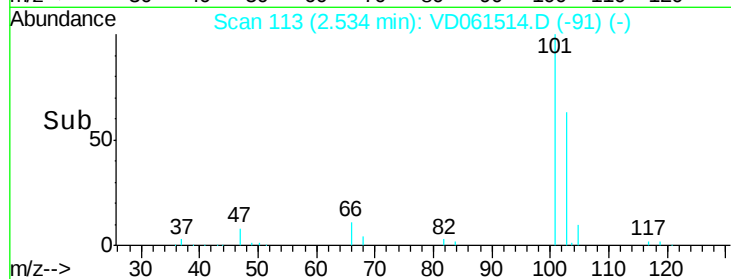
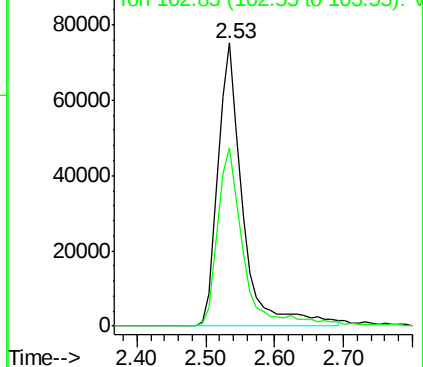
Trichlorofluoromethane  
 Concen: 23.158 ug/l  
 RT: 2.53 min Scan# 113  
 Delta R.T. 0.02 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBS01

Tot Ion:101 Resp: 186972  
 Ion Ratio Lower Upper  
 101 100  
 103 63.2 53.1 79.7



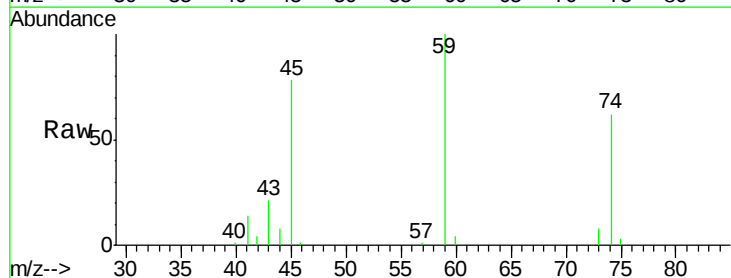
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



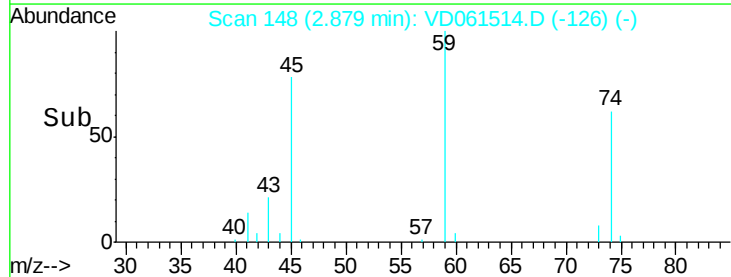
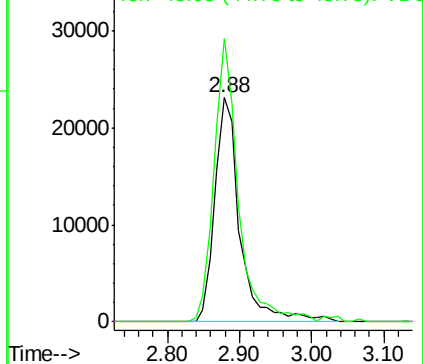
#8

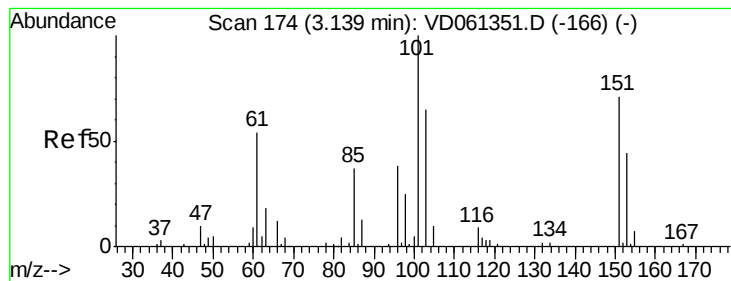
Diethyl Ether  
 Concen: 21.158 ug/l  
 RT: 2.88 min Scan# 148  
 Delta R.T. 0.02 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

Tgt Ion: 74 Resp: 55001  
 Ion Ratio Lower Upper  
 74 100  
 45 126.4 59.7 179.1



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.171 ug/l

RT: 3.15 min Scan# 176

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

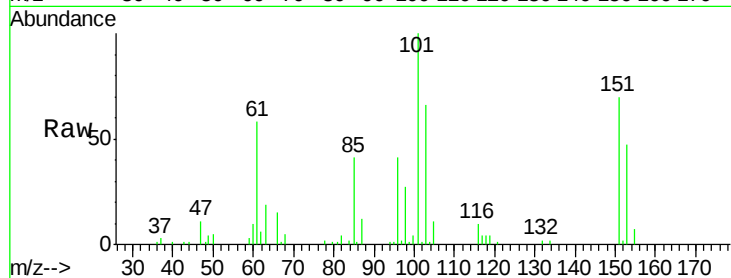
Tot Ion:101 Resp: 201118

Ion Ratio Lower Upper

101 100

85 40.9 29.4 44.0

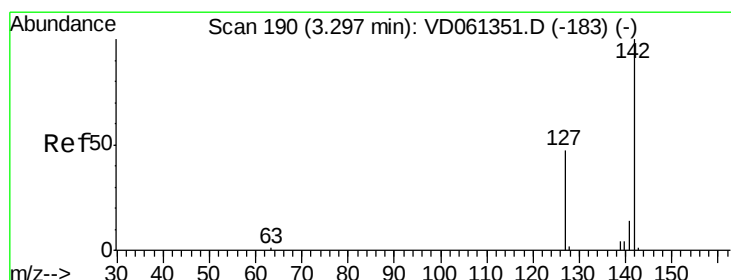
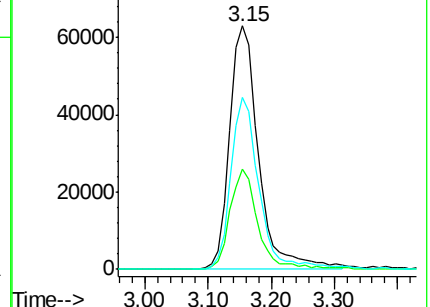
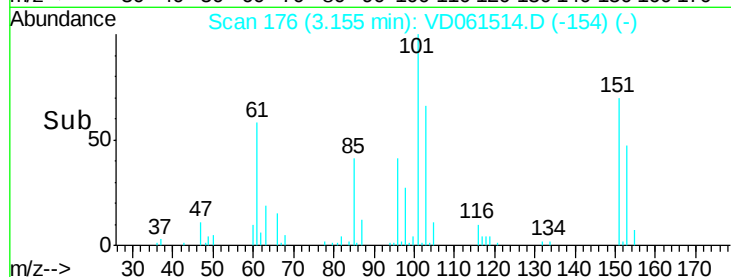
151 70.4 57.0 85.4



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: 18.550 ug/l

RT: 3.31 min Scan# 192

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

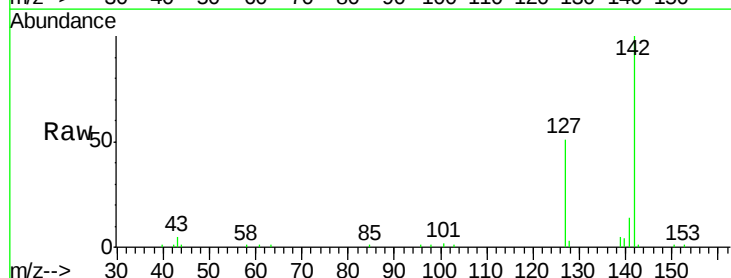
Tgt Ion:142 Resp: 213869

Ion Ratio Lower Upper

142 100

127 50.7 37.7 56.5

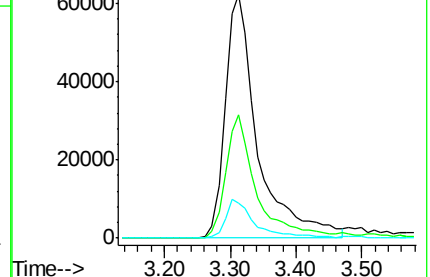
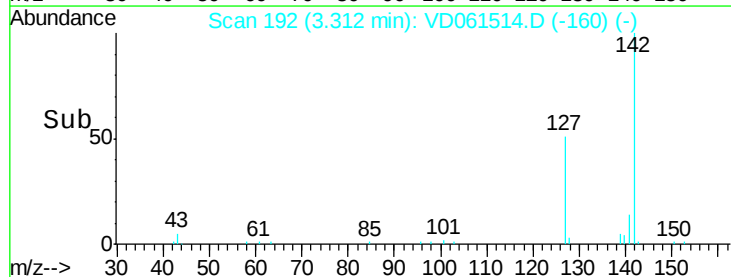
141 14.4 11.5 17.3

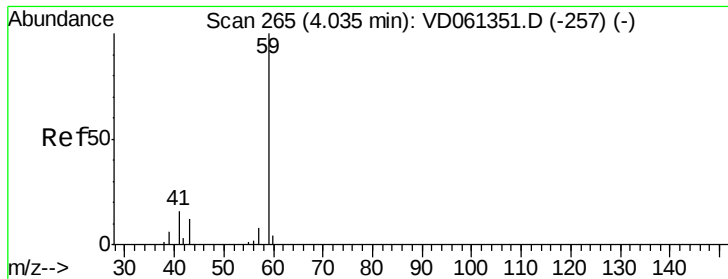


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



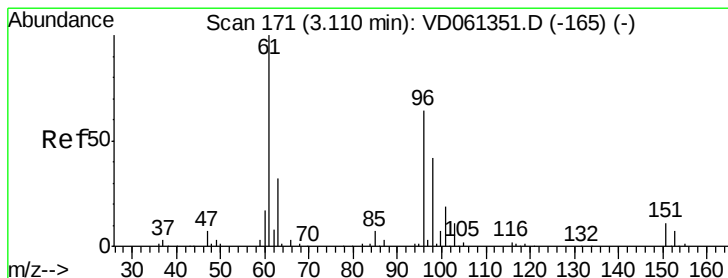
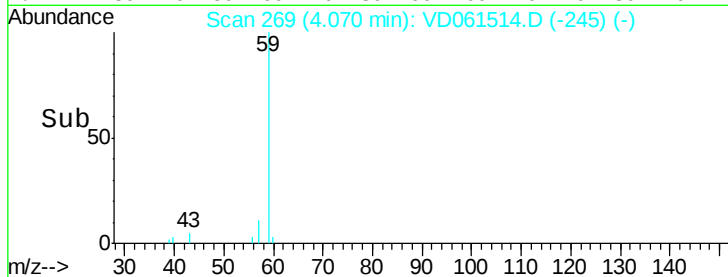
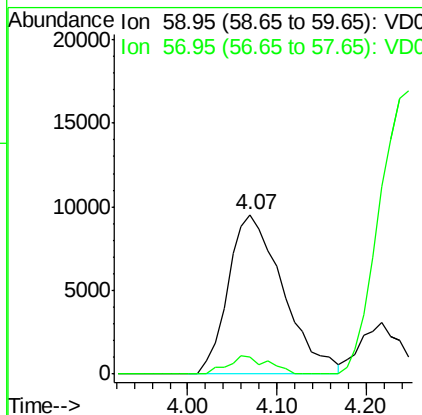
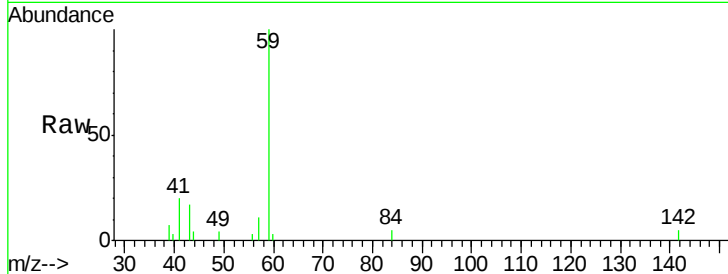


#11

Tert butyl alcohol  
Concen: 110.212 ug/l  
RT: 4.07 min Scan# 269  
Delta R.T. 0.03 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

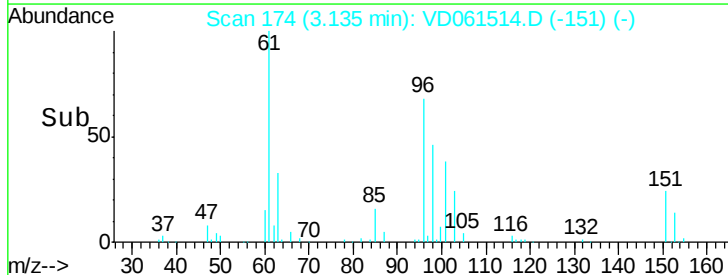
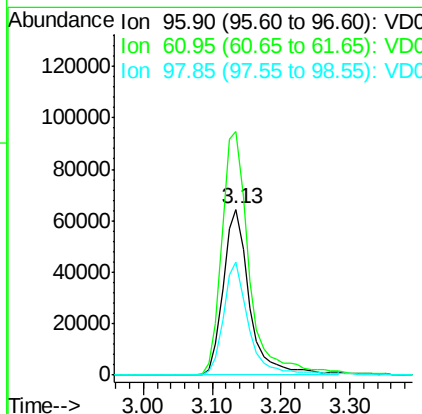
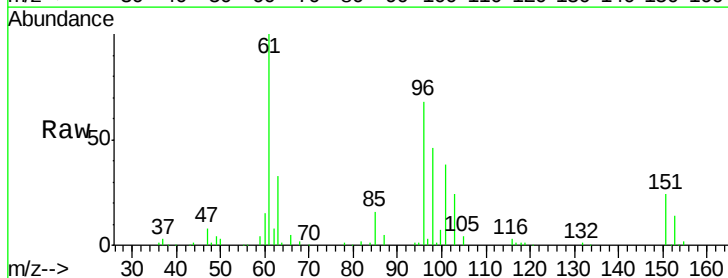
Tot Ion: 59 Resp: 40707  
Ion Ratio Lower Upper  
59 100  
57 10.9 6.7 10.1#

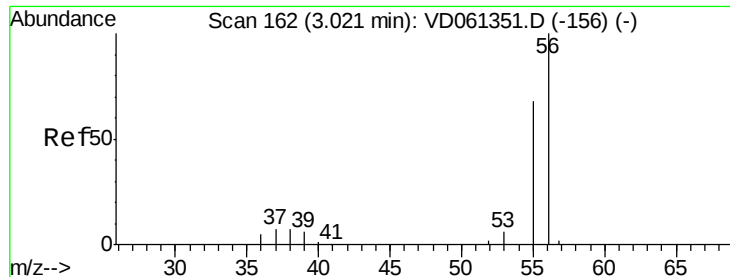


#12

1,1-Dichloroethene  
Concen: 22.951 ug/l  
RT: 3.13 min Scan# 174  
Delta R.T. 0.03 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion: 96 Resp: 171031  
Ion Ratio Lower Upper  
96 100  
61 146.9 124.9 187.3  
98 68.0 52.5 78.7





#13

Acrolein

Concen: 82.738 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.03 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

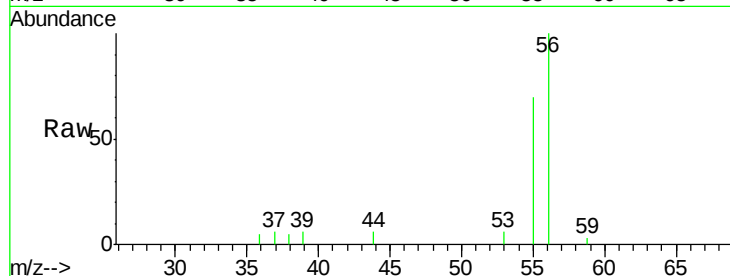
VD0402SBS01

Tot Ion: 56 Resp: 27598

Ion Ratio Lower Upper

56 100

55 69.5 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

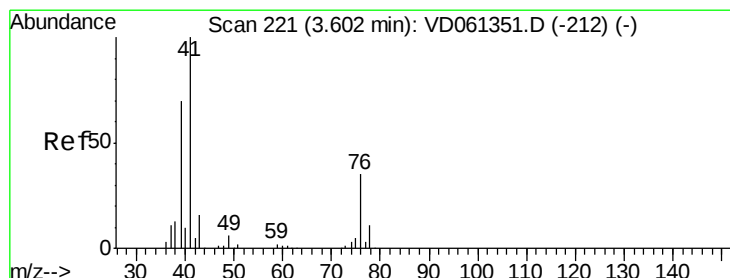
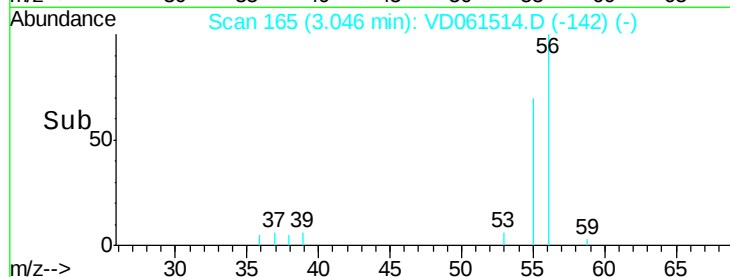
0

Time-->

3.00

3.10

3.20



#14

Allyl chloride

Concen: 21.874 ug/l

RT: 3.62 min Scan# 223

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

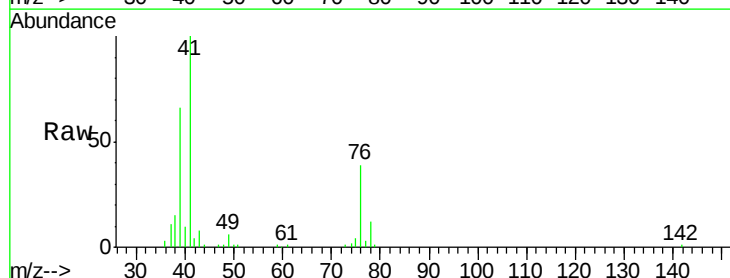
Tgt Ion: 41 Resp: 227358

Ion Ratio Lower Upper

41 100

39 66.4 55.6 83.4

76 39.3 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

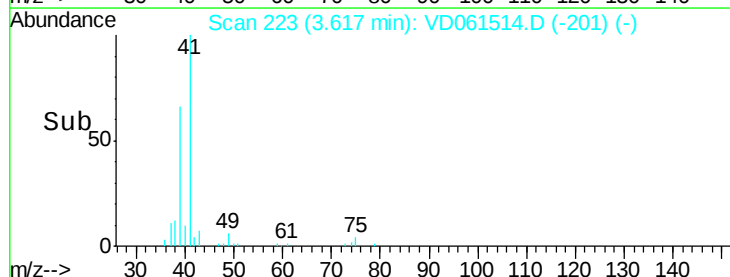
Time-->

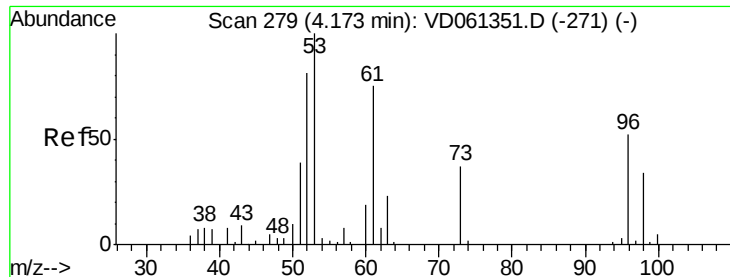
3.50

3.60

3.70

3.80





#15

Acrylonitrile

Concen: 116.271 ug/l

RT: 4.20 min Scan# 282

Delta R.T. 0.03 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

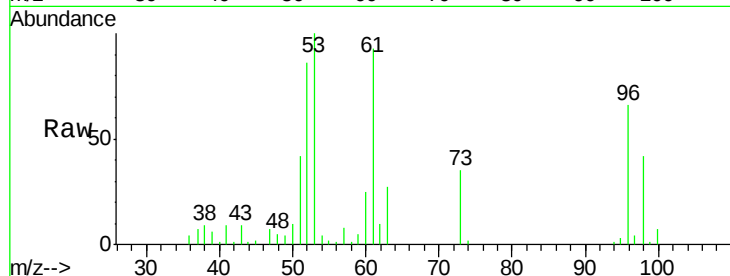
Tot Ion: 53 Resp: 149054

Ion Ratio Lower Upper

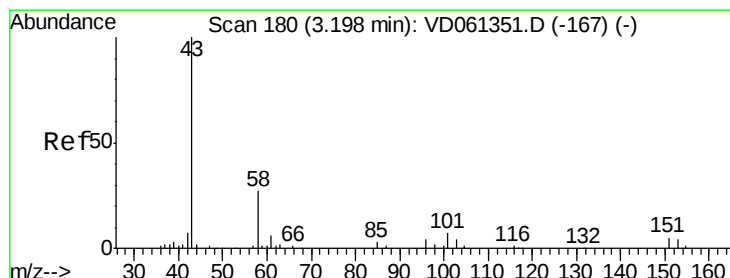
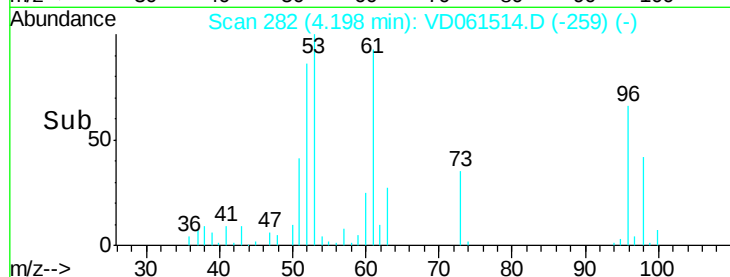
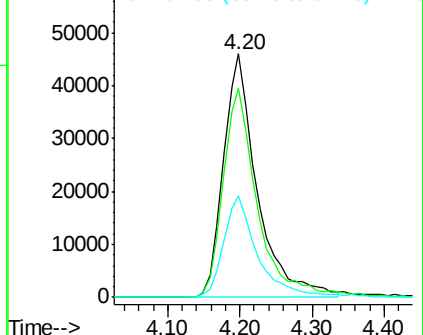
53 100

52 85.7 64.8 97.2

51 41.6 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: 116.802 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061514.D

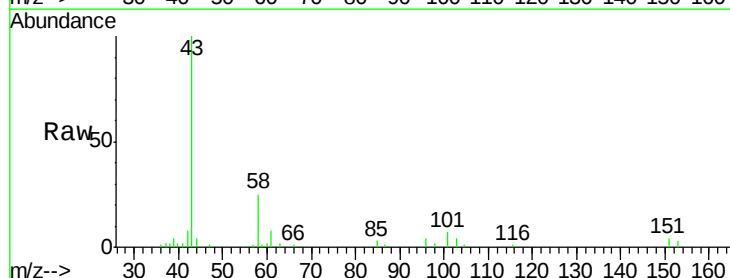
Acq: 2 Apr 2019 15:11

Tgt Ion: 43 Resp: 178078

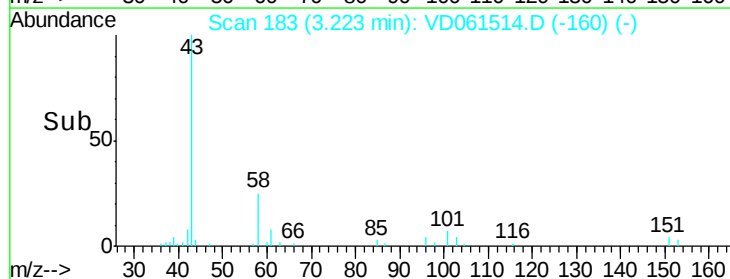
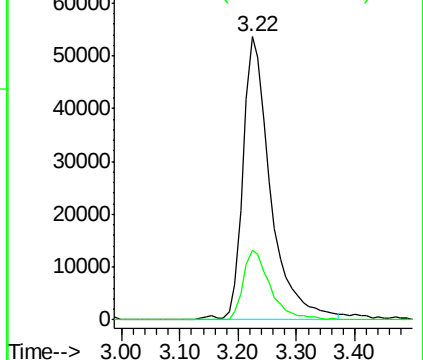
Ion Ratio Lower Upper

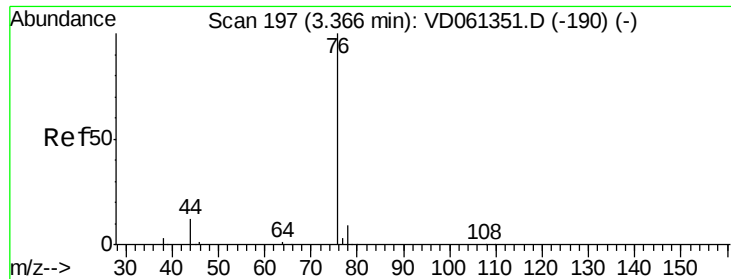
43 100

58 24.6 21.5 32.3



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

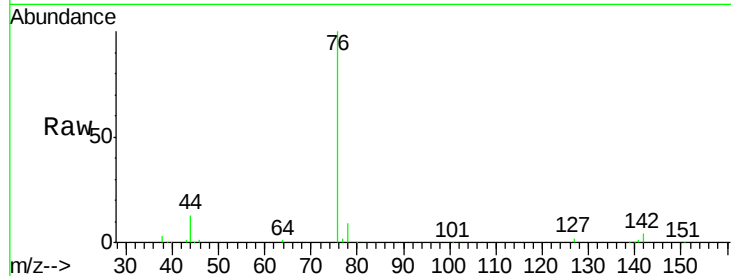




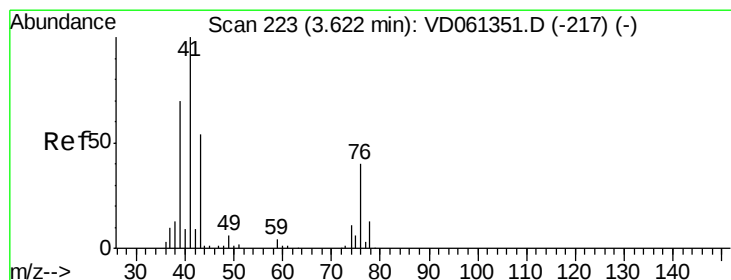
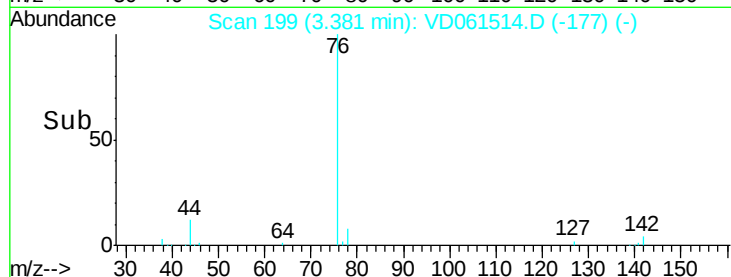
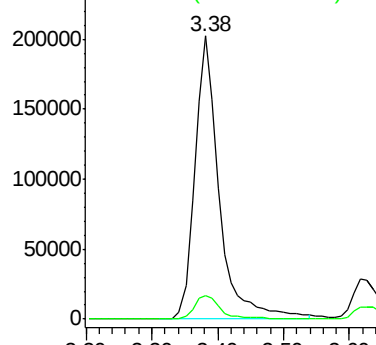
#17  
Carbon Disulfide  
Concen: 21.546 ug/l  
RT: 3.38 min Scan# 199  
Delta R.T. 0.02 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

Tot Ion: 76 Resp: 521681  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.1 10.7

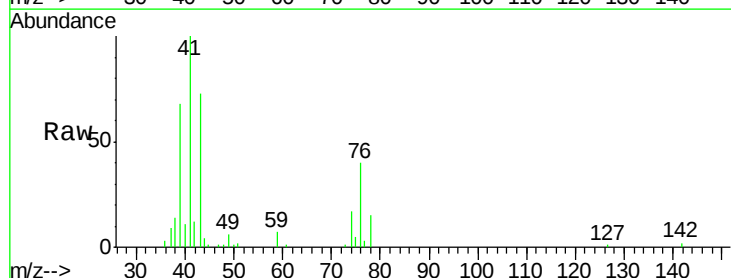


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

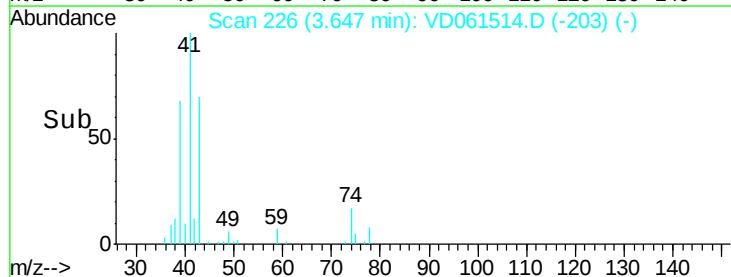
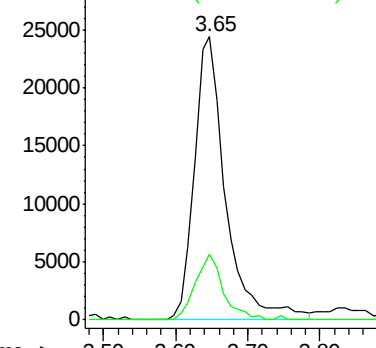


#18  
Methyl Acetate  
Concen: 22.782 ug/l  
RT: 3.65 min Scan# 226  
Delta R.T. 0.03 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion: 43 Resp: 73029  
Ion Ratio Lower Upper  
43 100  
74 23.0 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 74.00 (73.70 to 74.70): VDC

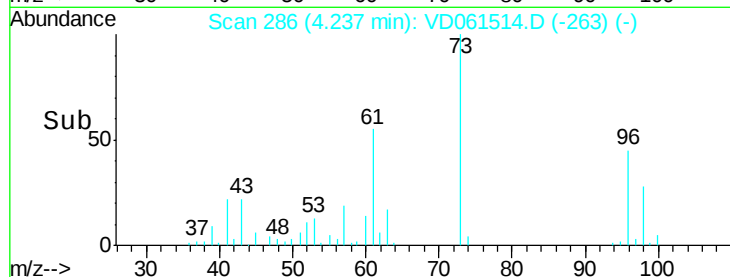
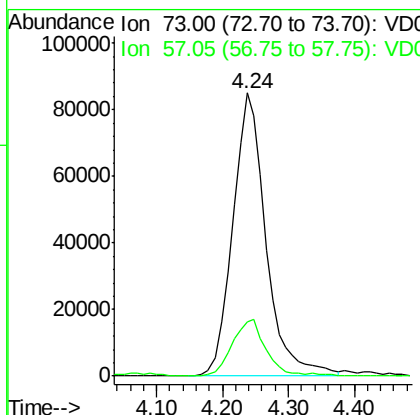
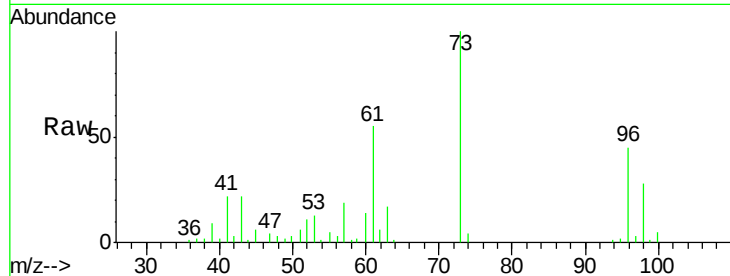




#19  
Methyl tert-butyl Ether  
Concen: 23.289 ug/l  
RT: 4.24 min Scan# 286  
Delta R.T. 0.03 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

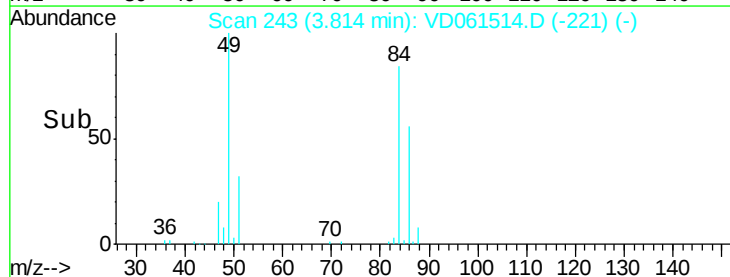
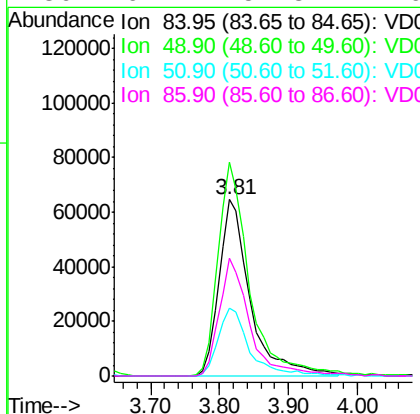
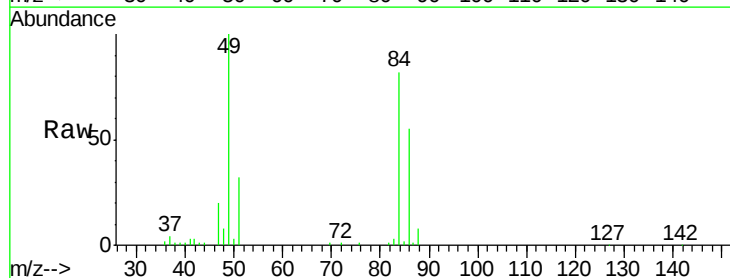
Instrument :  
MSVOA\_D  
ClientSampleID :  
VD0402SBS01

Tot Ion: 73 Resp: 300428  
Ion Ratio Lower Upper  
73 100  
57 19.4 16.4 24.6



#20  
Methylene Chloride  
Concen: 22.733 ug/l  
RT: 3.81 min Scan# 243  
Delta R.T. 0.02 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion: 84 Resp: 203105  
Ion Ratio Lower Upper  
84 100  
49 121.2 91.8 137.8  
51 38.9 29.8 44.8  
86 67.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 22.975 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.03 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

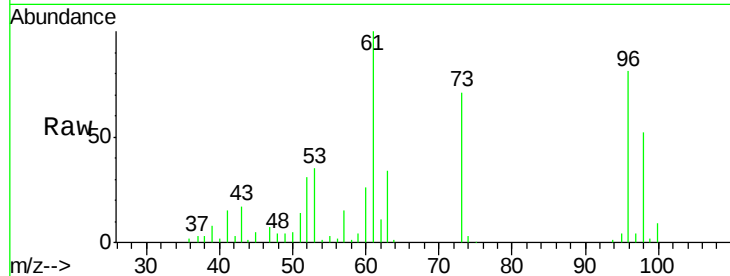
Tot Ion: 96 Resp: 184847

Ion Ratio Lower Upper

96 100

61 123.8 102.7 154.1

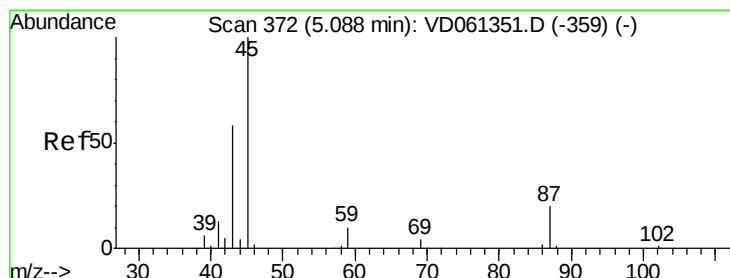
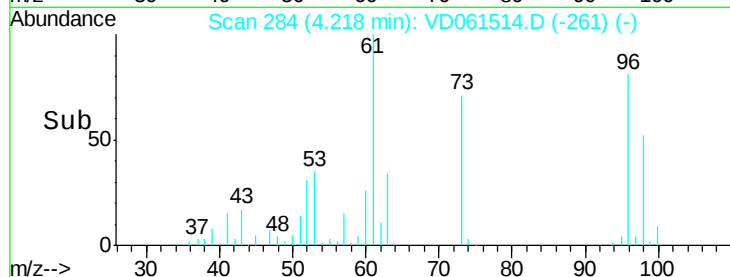
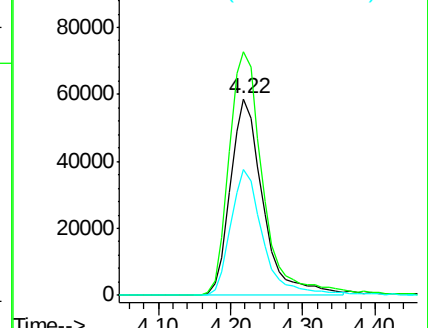
98 63.9 52.2 78.4



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: 22.947 ug/l

RT: 5.11 min Scan# 375

Delta R.T. 0.03 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Tgt Ion: 45 Resp: 504727

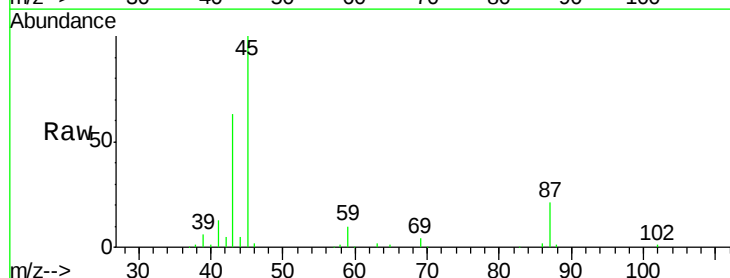
Ion Ratio Lower Upper

45 100

43 63.2 47.4 71.2

87 20.6 16.3 24.5

59 9.9 8.4 12.6

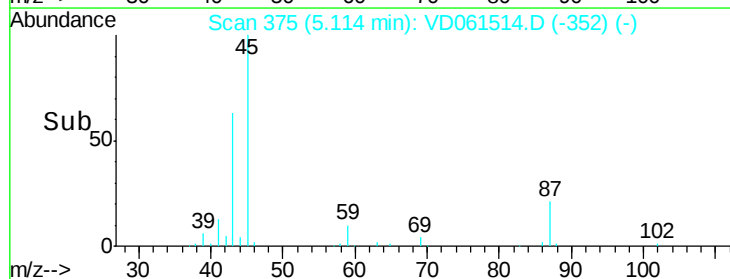
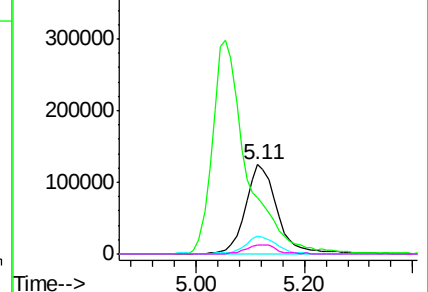


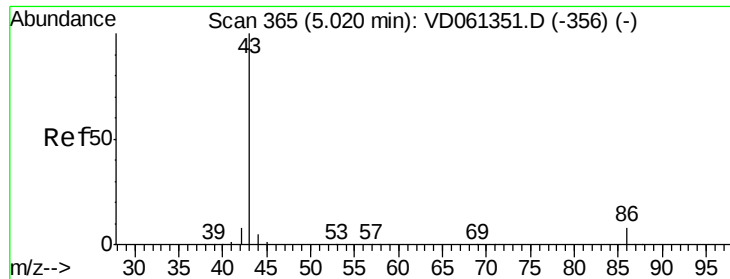
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 107.654 ug/l

RT: 5.05 min Scan# 369

Delta R.T. 0.03 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

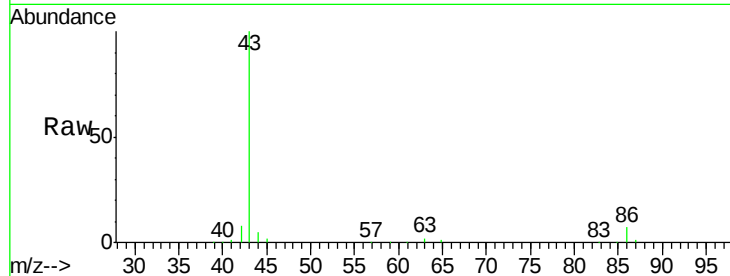
VD0402SBS01

Tot Ion: 43 Resp: 1286223

Ion Ratio Lower Upper

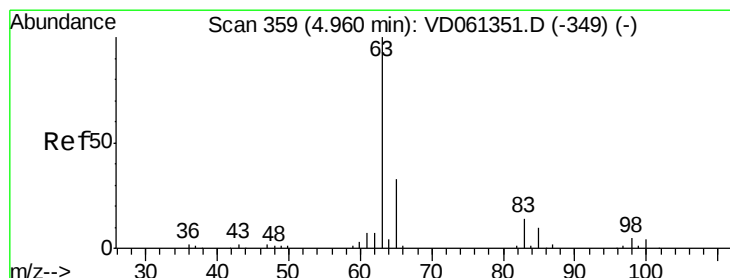
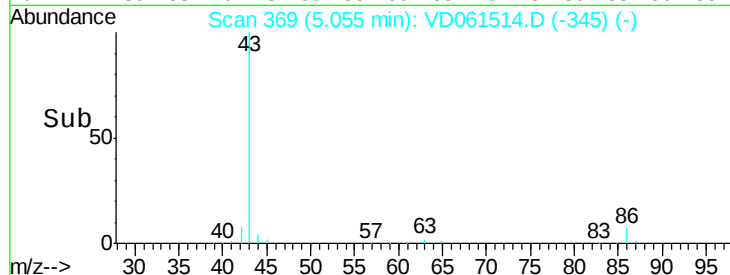
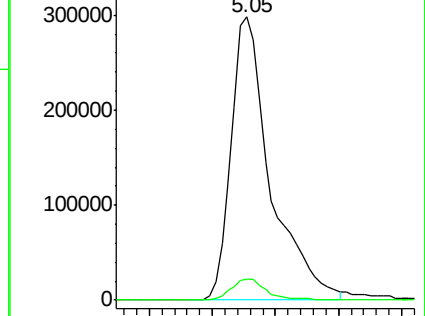
43 100

86 7.5 6.7 10.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.128 ug/l

RT: 4.99 min Scan# 362

Delta R.T. 0.03 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

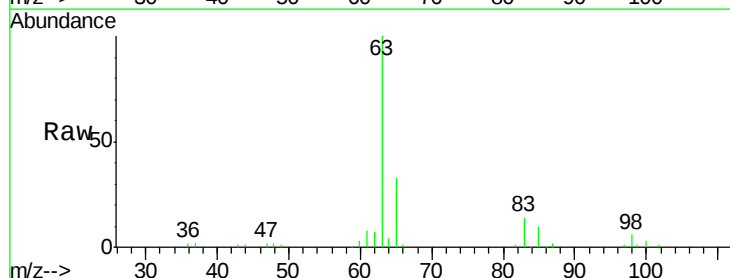
Tgt Ion: 63 Resp: 286033

Ion Ratio Lower Upper

63 100

98 6.2 2.6 8.0

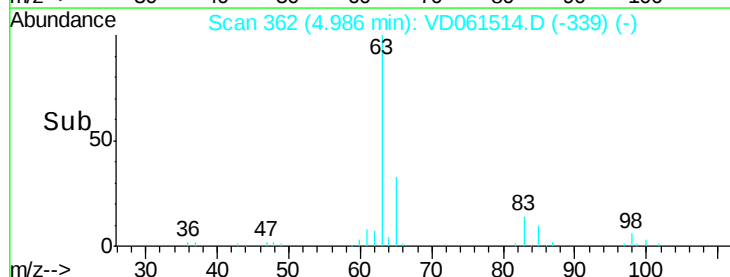
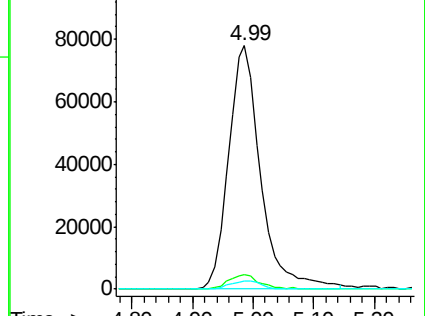
100 3.4 1.8 5.3

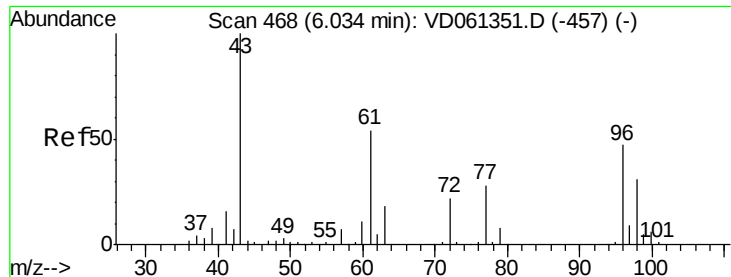


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 113.710 ug/l

RT: 6.07 min Scan# 472

Delta R.T. 0.03 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

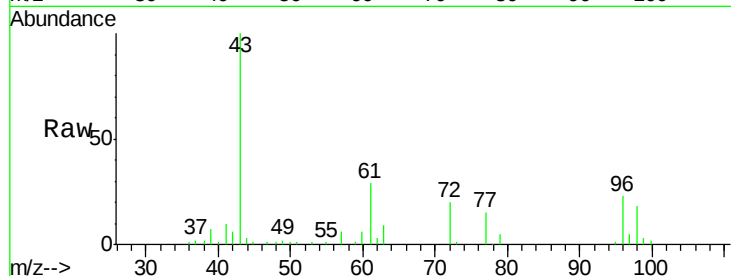
VD0402SBS01

Tot Ion: 43 Resp: 218076

Ion Ratio Lower Upper

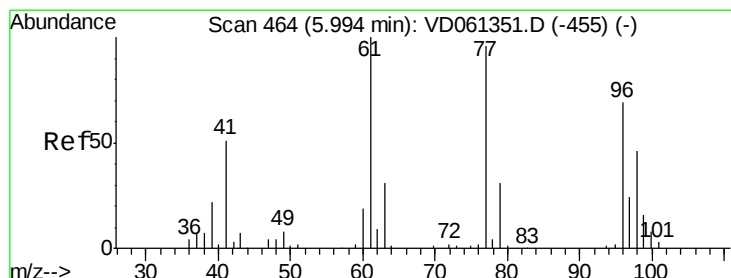
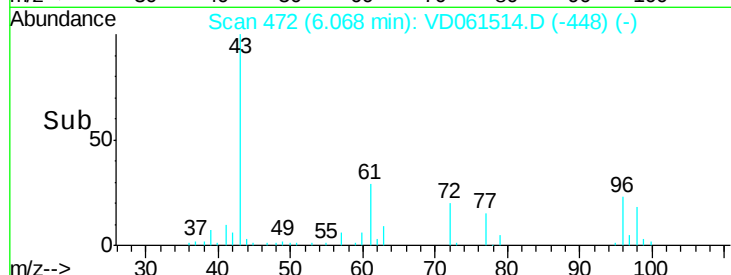
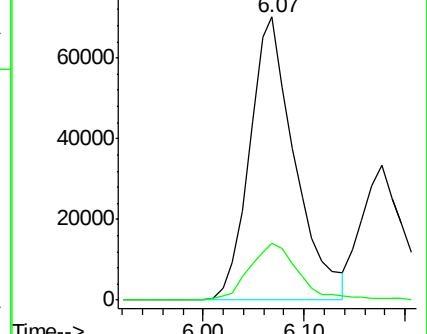
43 100

72 20.1 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: 21.992 ug/l

RT: 6.02 min Scan# 467

Delta R.T. 0.03 min

Lab File: VD061514.D

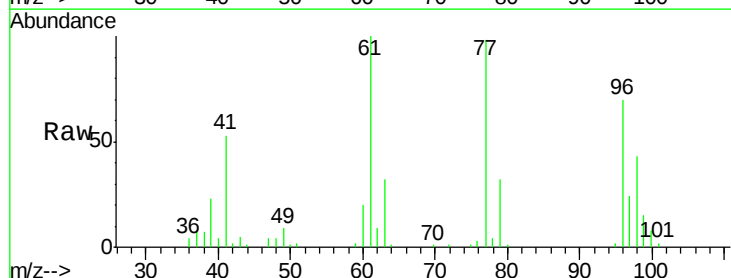
Acq: 2 Apr 2019 15:11

Tgt Ion: 77 Resp: 225983

Ion Ratio Lower Upper

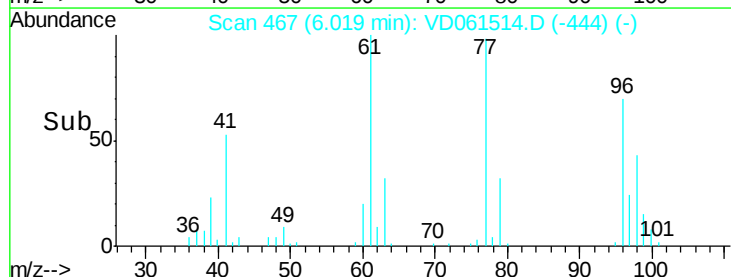
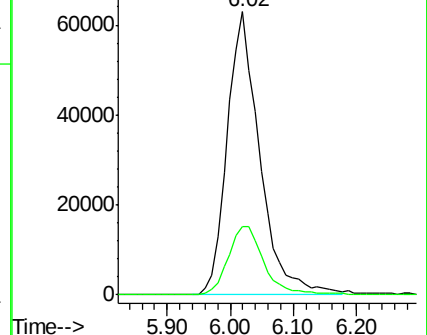
77 100

97 24.2 12.7 38.0



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



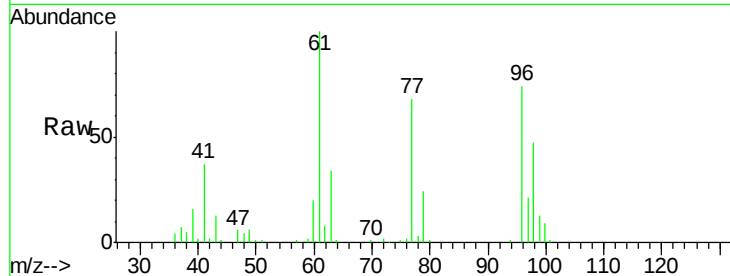


#27

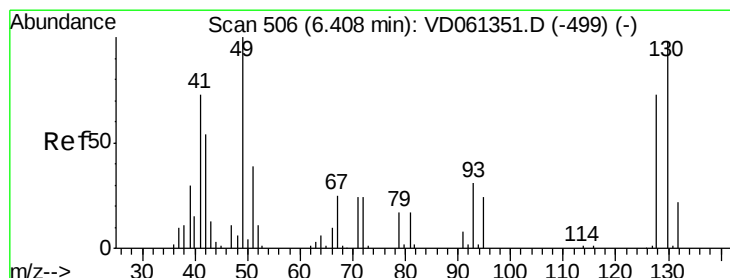
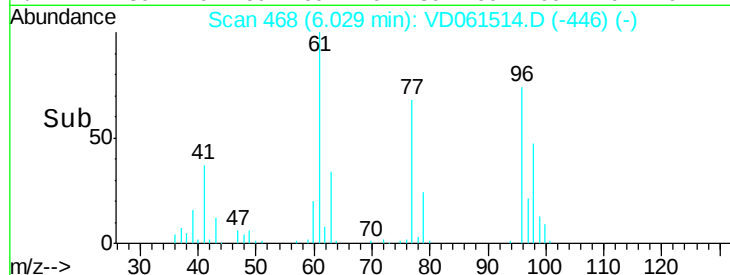
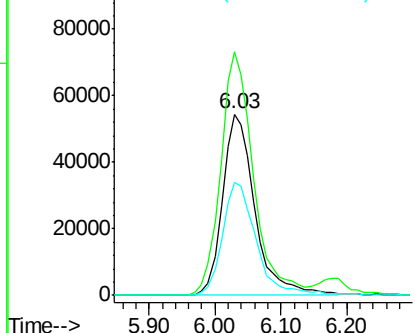
cis-1,2-Dichloroethene  
Concen: 21.122 ug/l  
RT: 6.03 min Scan# 468  
Delta R.T. 0.02 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

| Tot Ion | 96    | Resp  | 186190 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 134.5 | 0.0   | 251.6  |
| 98      | 62.7  | 0.0   | 129.2  |



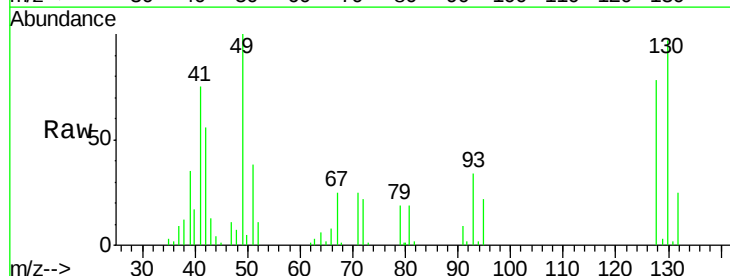
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



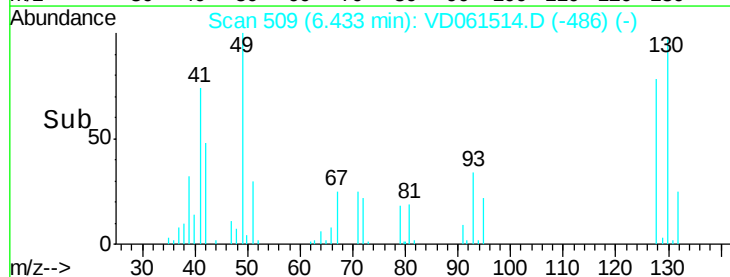
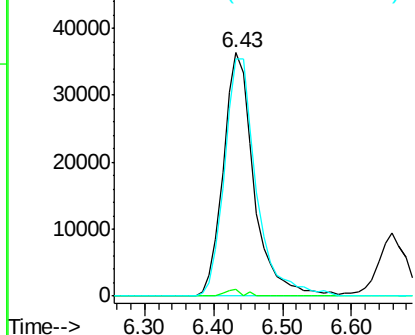
#28

Bromochloromethane  
Concen: 21.470 ug/l  
RT: 6.43 min Scan# 509  
Delta R.T. 0.03 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

| Tgt Ion | 49    | Resp  | 112033 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 49      | 100   |       |        |
| 129     | 2.9   | 0.0   | 0.0#   |
| 130     | 97.4  | 78.4  | 117.6  |



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

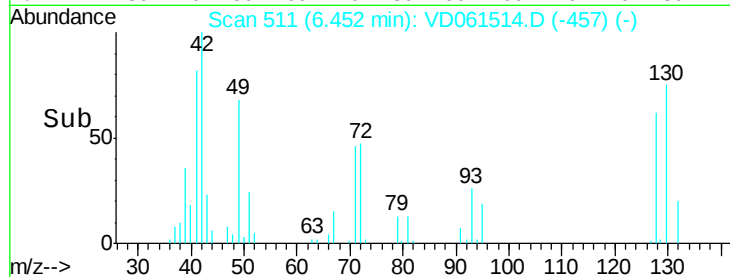
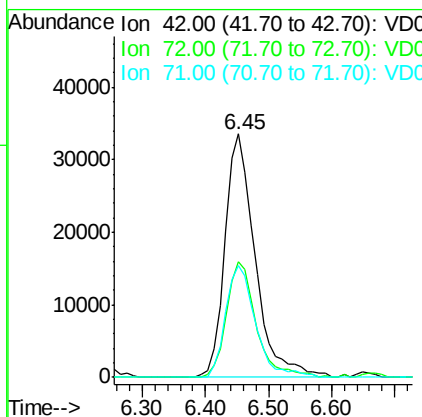
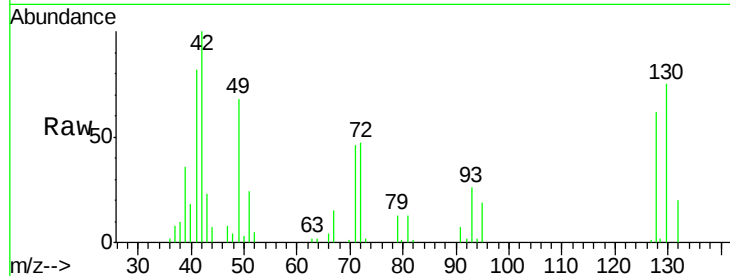




#29  
Tetrahydrofuran  
Concen: 119.514 ug/l  
RT: 6.45 min Scan# 511  
Delta R.T. 0.03 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

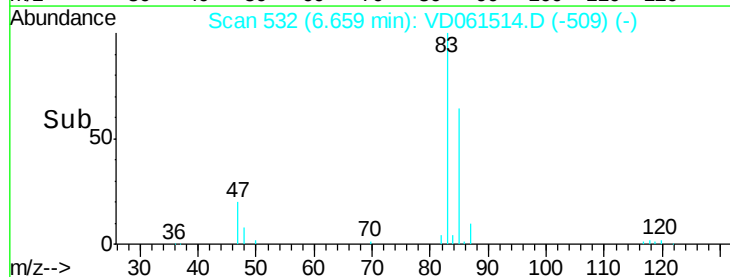
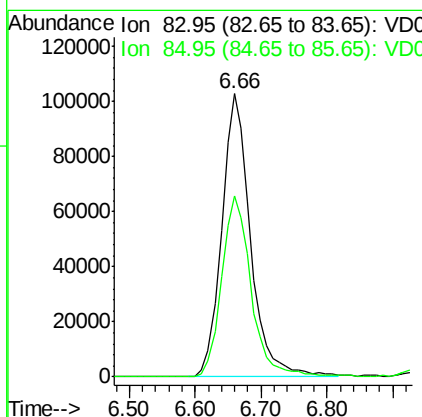
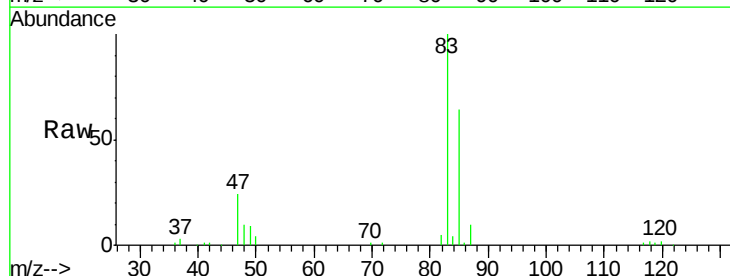
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

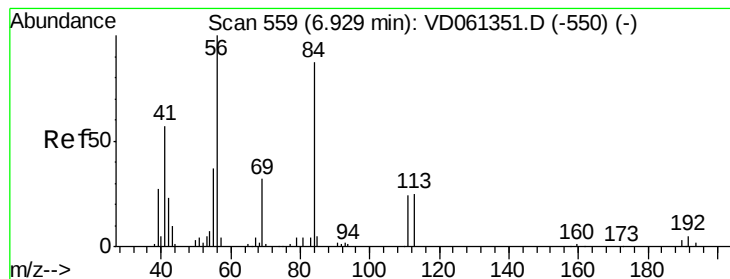
Tot Ion: 42 Resp: 111096  
Ion Ratio Lower Upper  
42 100  
72 46.4 37.4 56.0  
71 45.2 36.7 55.1



#30  
Chloroform  
Concen: 23.449 ug/l  
RT: 6.66 min Scan# 532  
Delta R.T. 0.03 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion: 83 Resp: 313199  
Ion Ratio Lower Upper  
83 100  
85 64.0 53.0 79.4





#31

Cvclohexane

Concen: 23.458 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

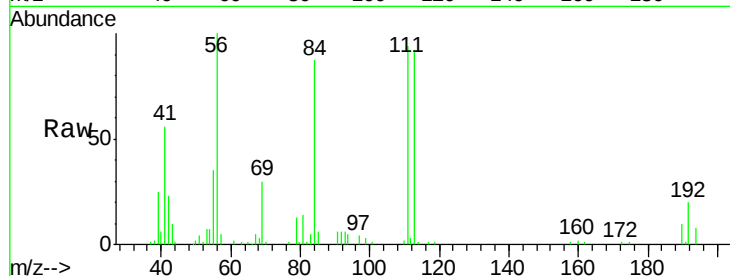
Tot Ion: 56 Resp: 239621

Ion Ratio Lower Upper

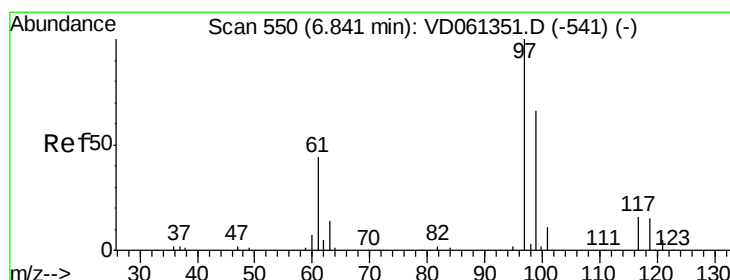
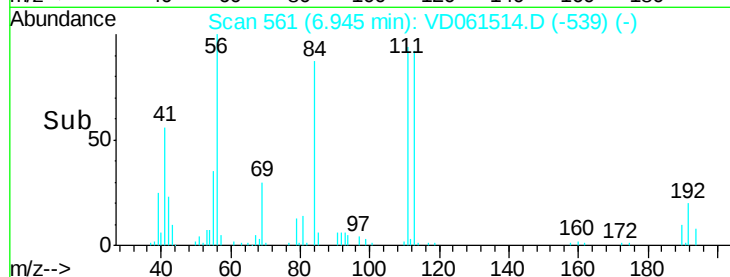
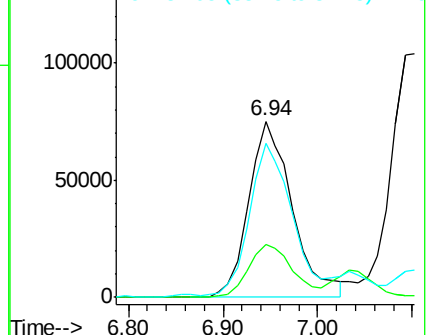
56 100

69 29.9 25.7 38.5

84 87.0 70.6 105.8



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



#32

1,1,1-Trichloroethane

Concen: 21.914 ug/l

RT: 6.86 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

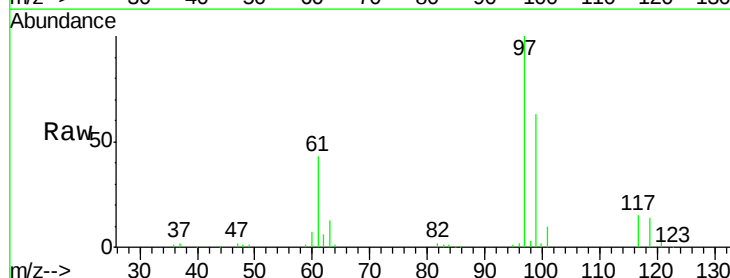
Tgt Ion: 97 Resp: 258225

Ion Ratio Lower Upper

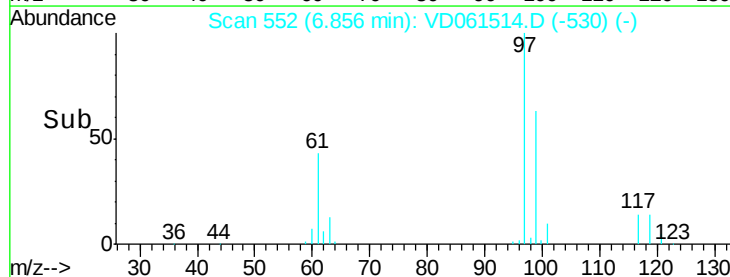
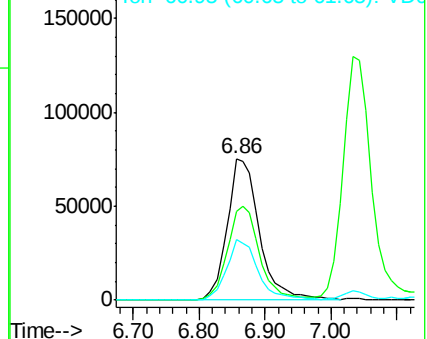
97 100

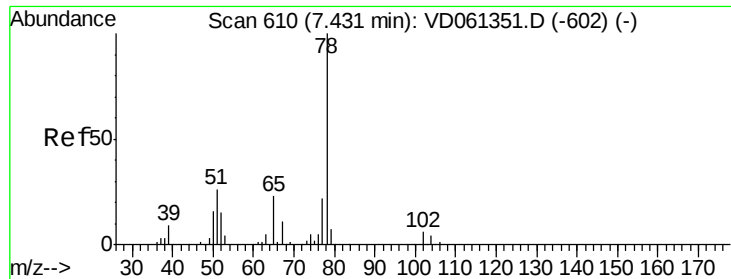
99 62.9 53.1 79.7

61 42.7 35.5 53.3



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





#33

1,2-Dichloroethane-d4

Concen: 21.914 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

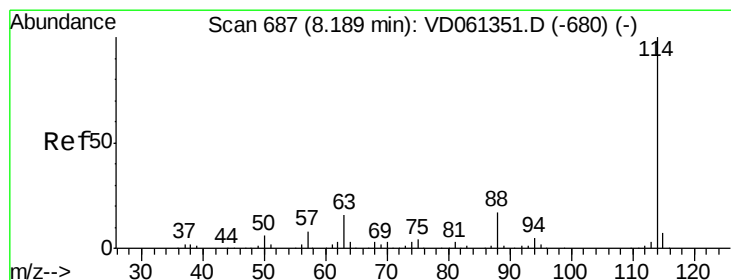
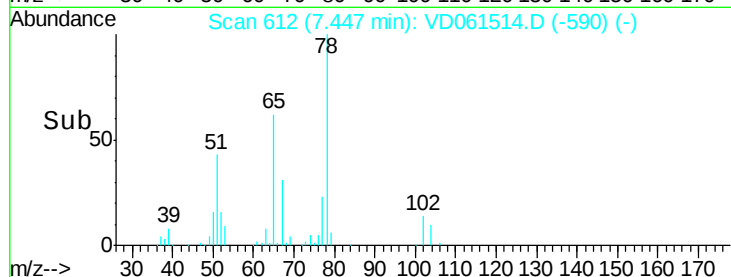
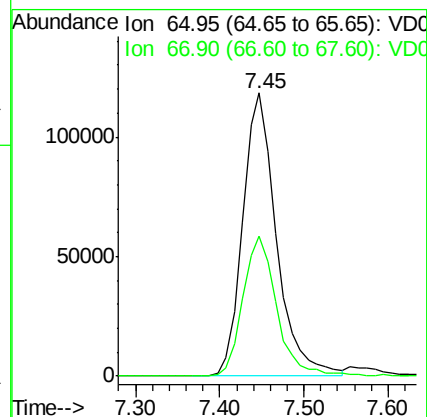
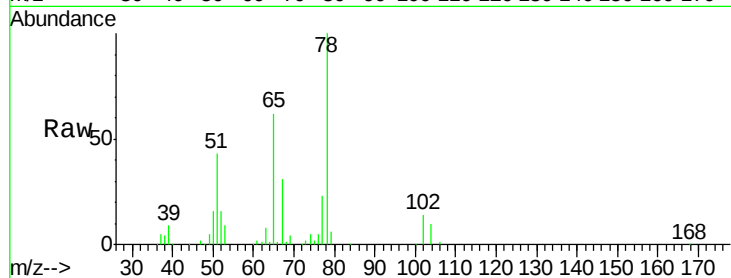
VD0402SBS01

Tot Ion: 65 Resp: 331063

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

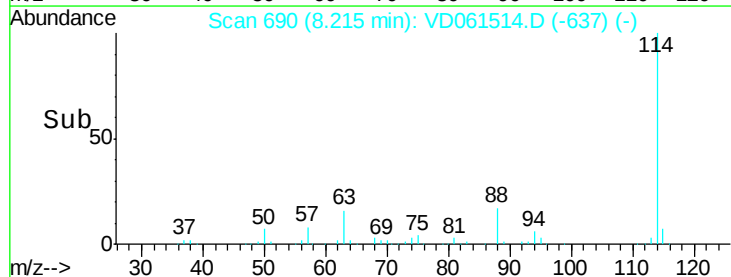
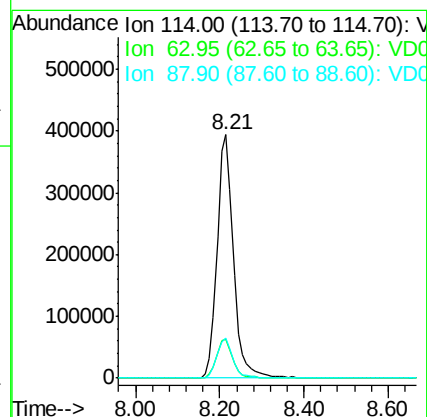
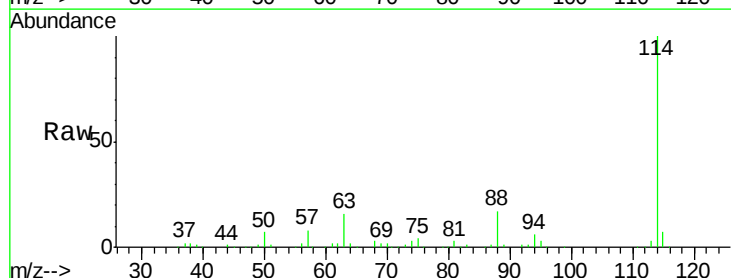
Tgt Ion: 114 Resp: 1062987

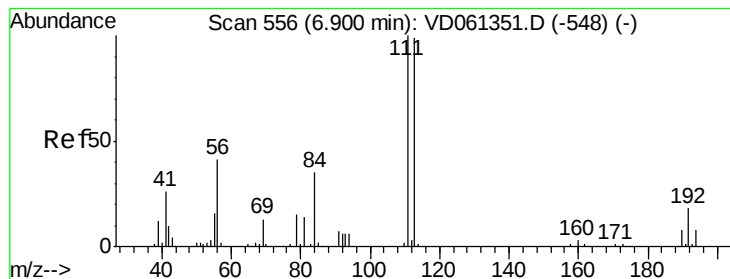
Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.6

88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

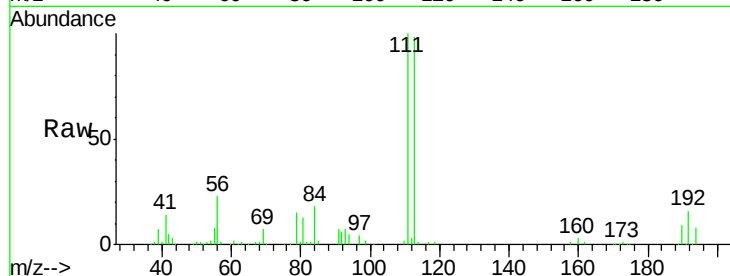
Tot Ion:113 Resp: 488919

Ion Ratio Lower Upper

113 100

111 101.6 81.0 121.6

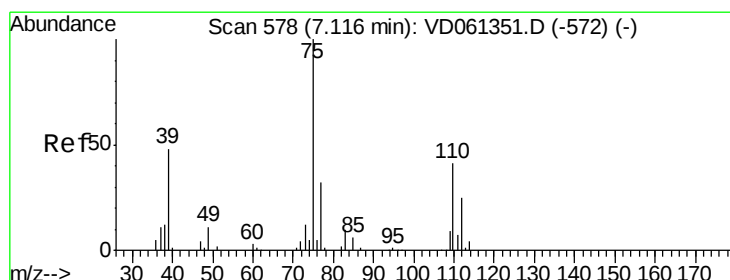
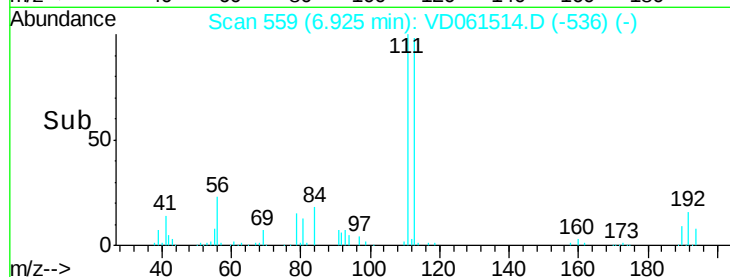
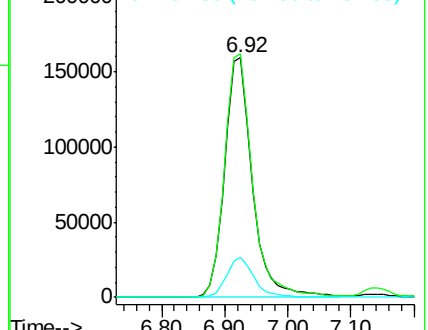
192 16.7 14.4 21.6



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: 26.006 ug/l

RT: 7.14 min Scan# 581

Delta R.T. 0.03 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

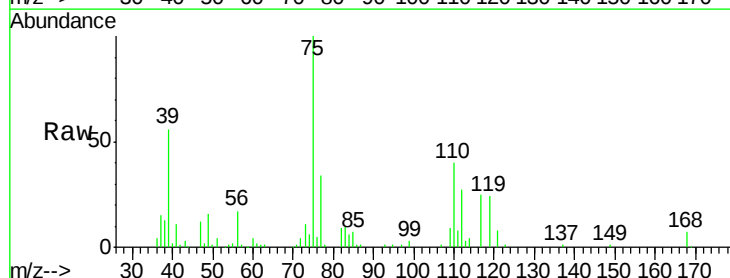
Tgt Ion: 75 Resp: 241273

Ion Ratio Lower Upper

75 100

110 40.2 20.4 61.3

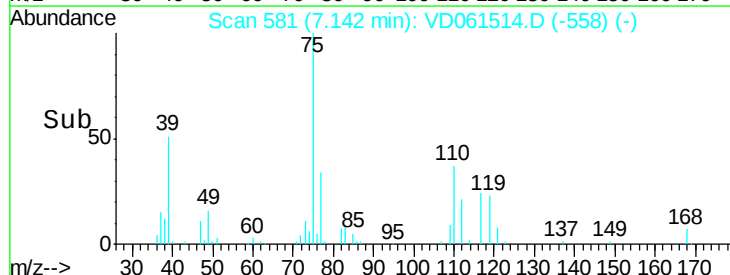
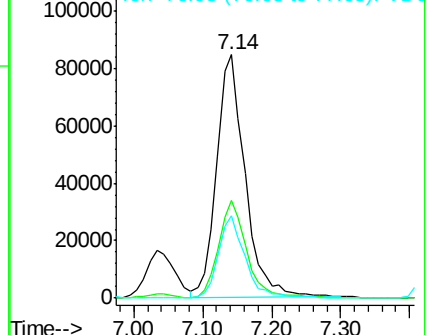
77 33.6 24.9 37.3

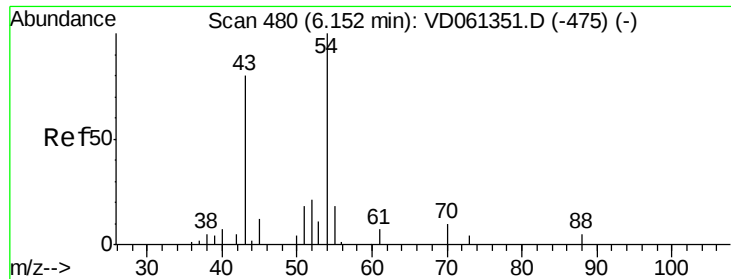


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC

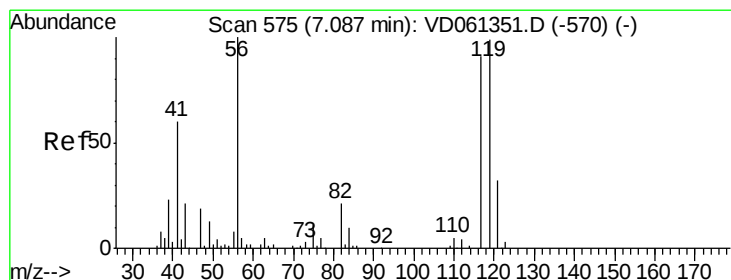
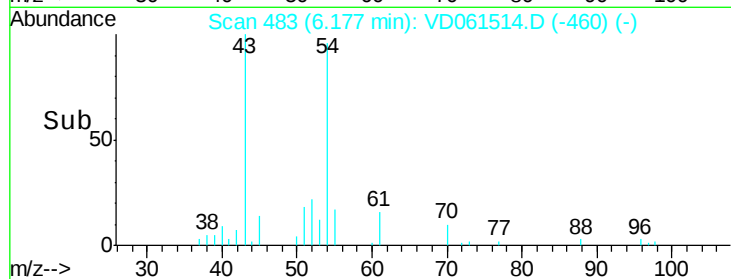
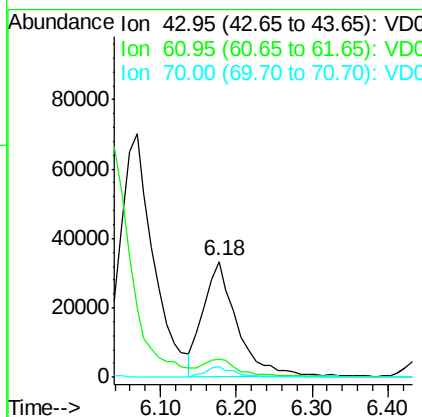
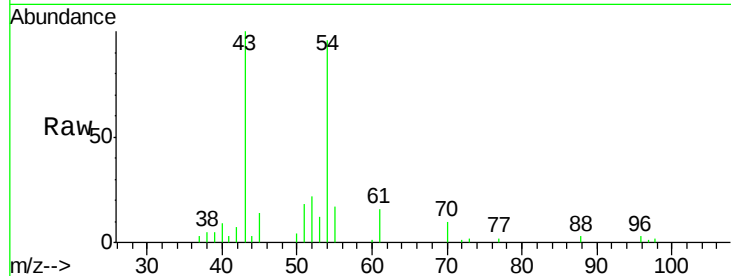




#37  
Ethyl Acetate  
Concen: 25.557 ug/l  
RT: 6.18 min Scan# 483  
Delta R.T. 0.03 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

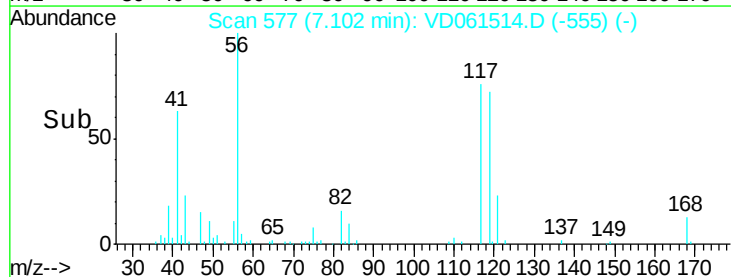
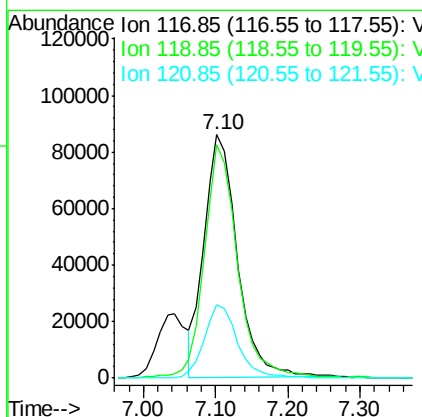
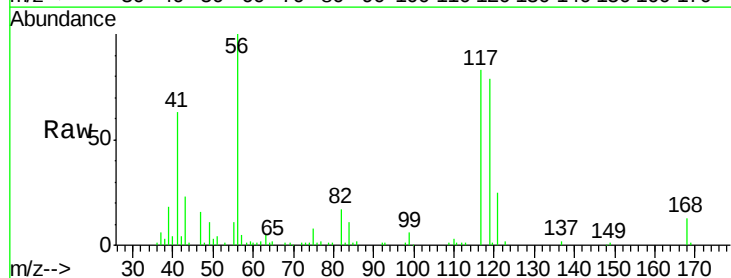
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

Tot Ion: 43 Resp: 101405  
Ion Ratio Lower Upper  
43 100  
61 15.7 13.8 20.8  
70 9.7 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 25.637 ug/l  
RT: 7.10 min Scan# 577  
Delta R.T. 0.02 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion: 117 Resp: 273305  
Ion Ratio Lower Upper  
117 100  
119 95.6 80.1 120.1  
121 30.1 25.6 38.4





#39

Methvlcvclohexane

Concen: 25.677 ug/l

RT: 8.85 min Scan# 755

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

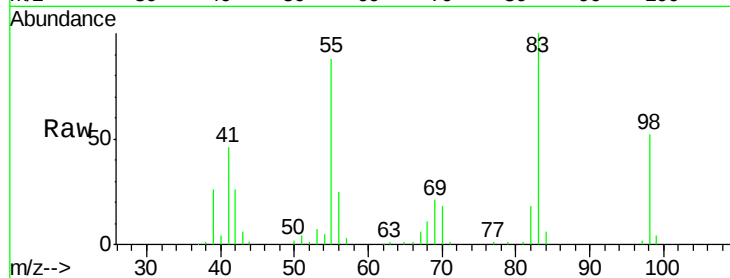
Tot Ion: 83 Resp: 248100

Ion Ratio Lower Upper

83 100

55 87.6 71.5 107.3

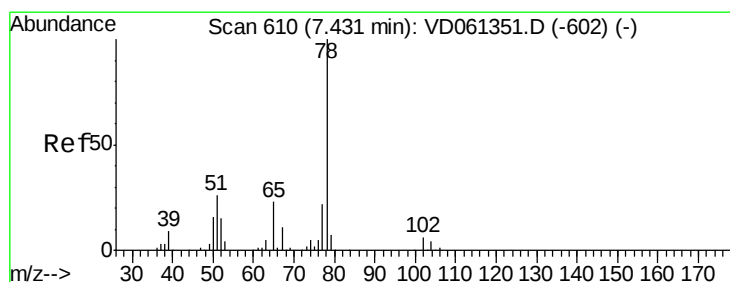
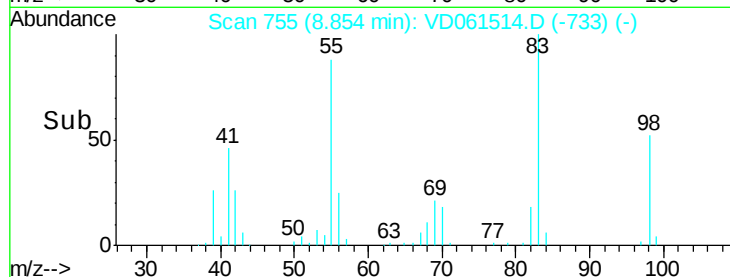
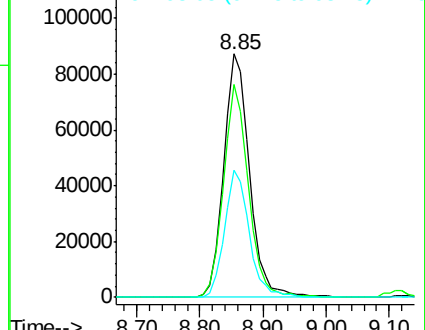
98 52.3 40.3 60.5



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 24.417 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061514.D

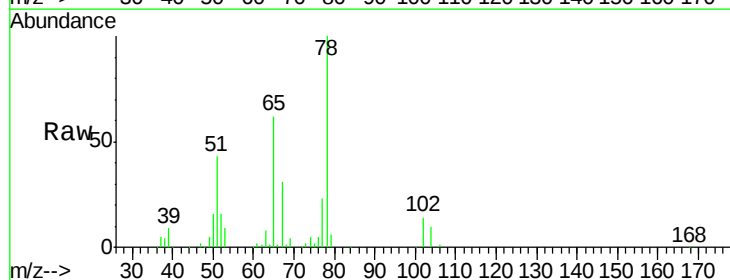
Acq: 2 Apr 2019 15:11

Tgt Ion: 78 Resp: 568523

Ion Ratio Lower Upper

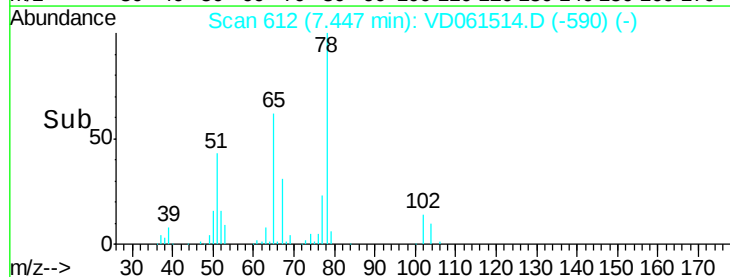
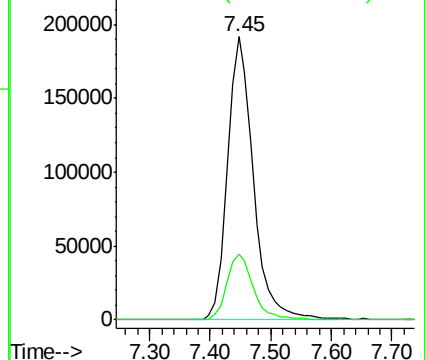
78 100

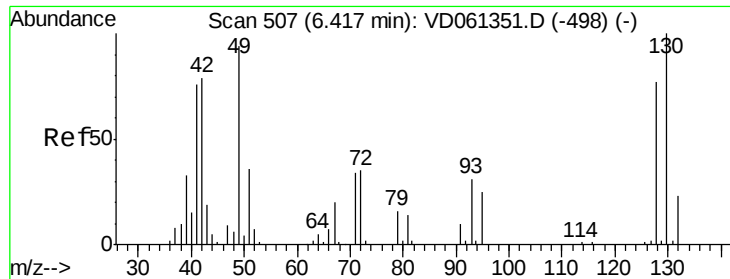
77 23.0 17.8 26.6



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

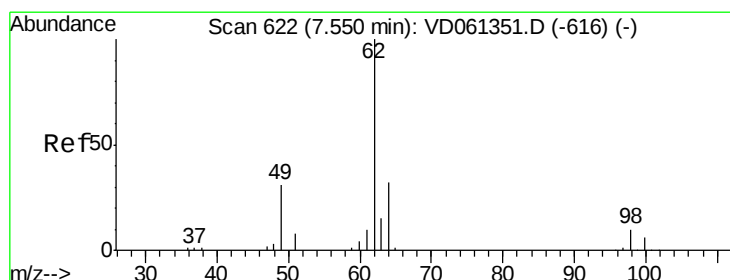
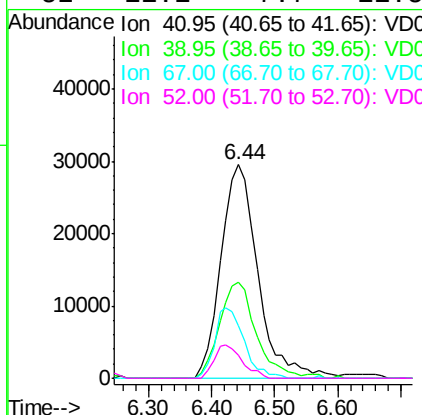
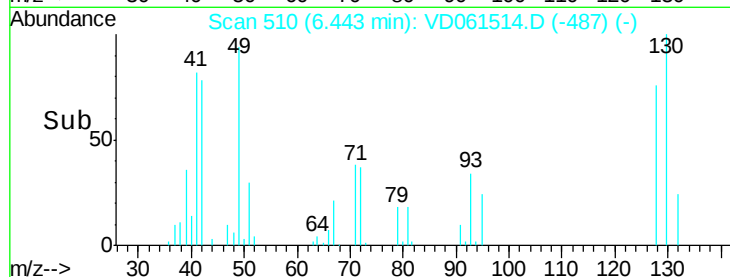
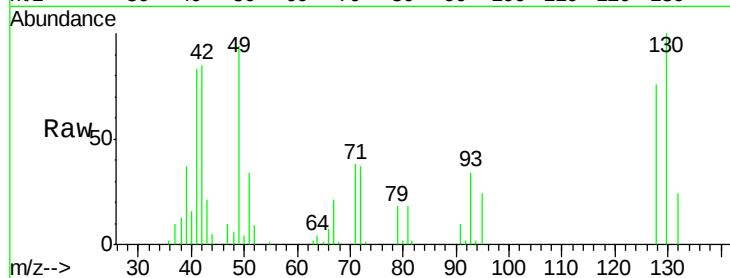




#41  
Methacrylonitrile  
Concen: 25.850 ug/l  
RT: 6.44 min Scan# 510  
Delta R.T. 0.03 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

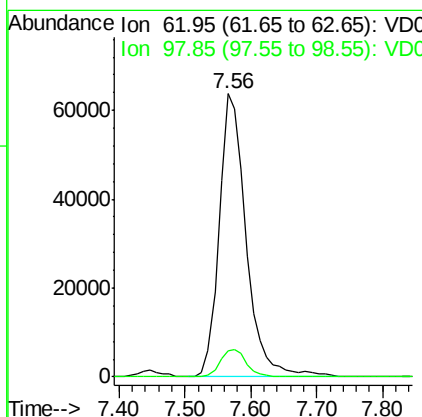
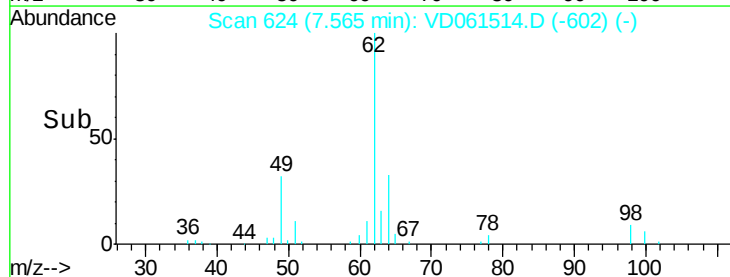
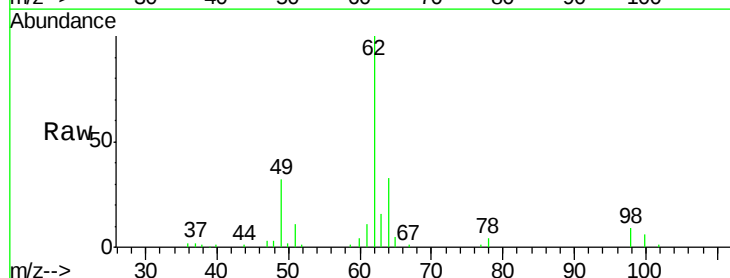
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

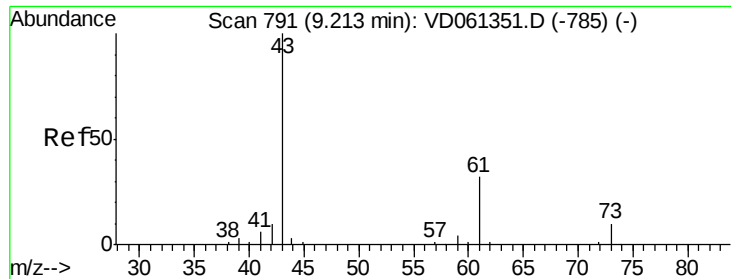
Tot Ion: 41 Resp: 119925  
Ion Ratio Lower Upper  
41 100  
39 44.7 35.0 52.6  
67 24.6 21.0 31.6  
52 11.1 7.7 11.5



#42  
1,2-Dichloroethane  
Concen: 26.138 ug/l  
RT: 7.56 min Scan# 624  
Delta R.T. 0.02 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion: 62 Resp: 182046  
Ion Ratio Lower Upper  
62 100  
98 9.0 0.0 19.8



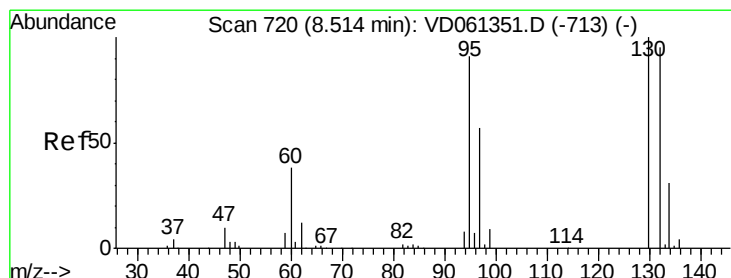
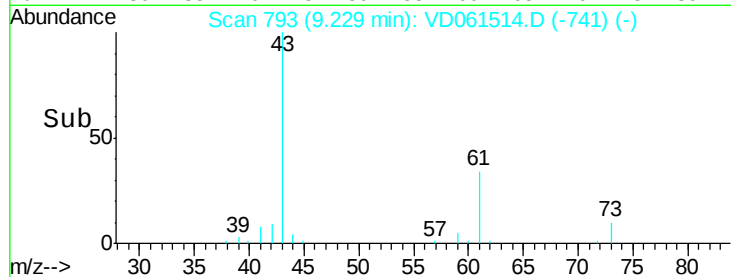
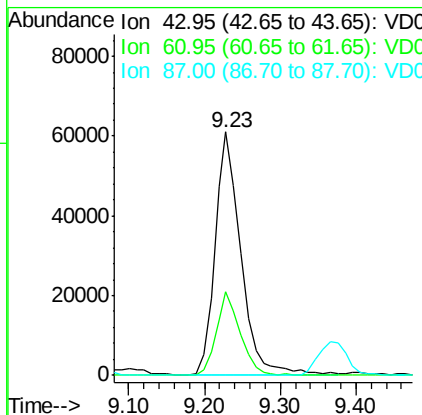
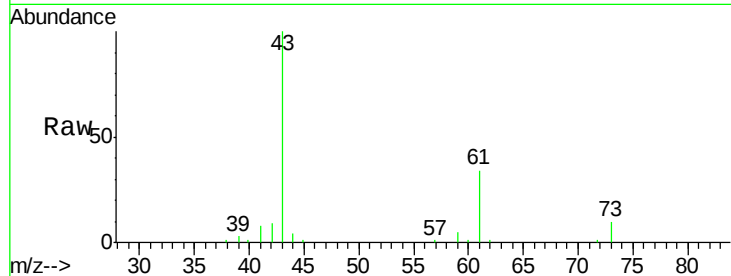


#43

Isopropyl Acetate  
 Concen: 25.257 ug/l  
 RT: 9.23 min Scan# 793  
 Delta R.T. 0.02 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBS01

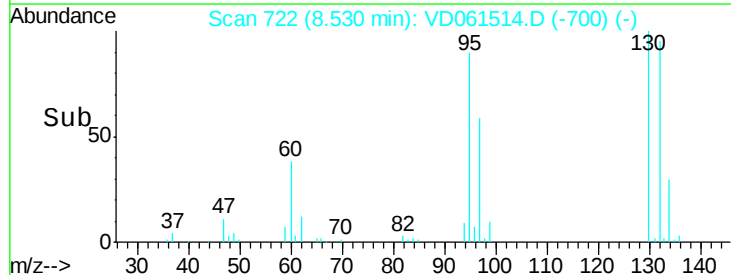
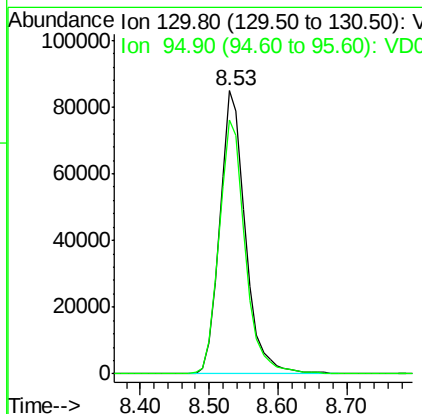
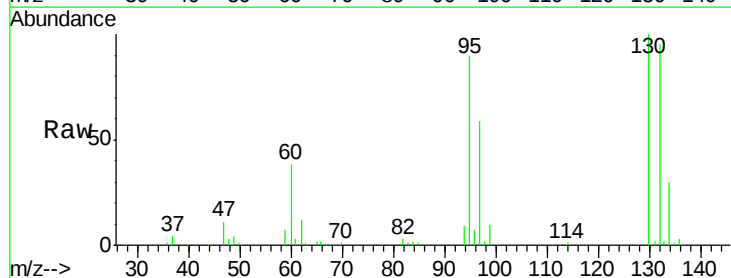
Tot Ion: 43 Resp: 145809  
 Ion Ratio Lower Upper  
 43 100  
 61 34.1 25.8 38.6  
 87 0.0 0.0 0.0

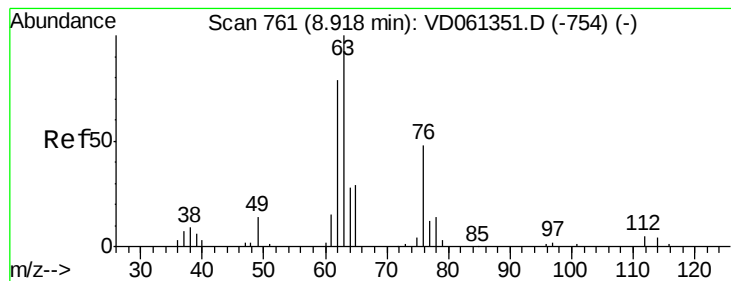


#44

Trichloroethene  
 Concen: 25.124 ug/l  
 RT: 8.53 min Scan# 722  
 Delta R.T. 0.02 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

Tgt Ion: 130 Resp: 217698  
 Ion Ratio Lower Upper  
 130 100  
 95 89.9 0.0 181.4





#45

1,2-Dichloropropane

Concen: 24.707 ug/l

RT: 8.93 min Scan# 763

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

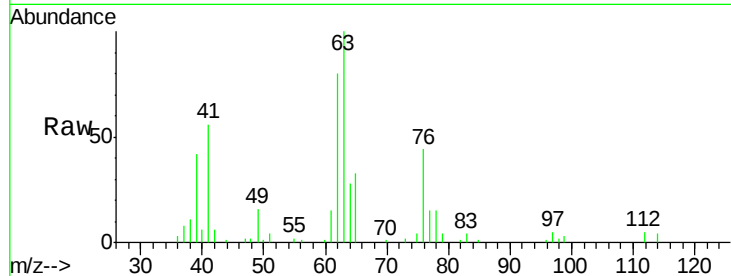
VD0402SBS01

Tot Ion: 63 Resp: 145876

Ion Ratio Lower Upper

63 100

65 33.1 25.0 37.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.93

60000

50000

40000

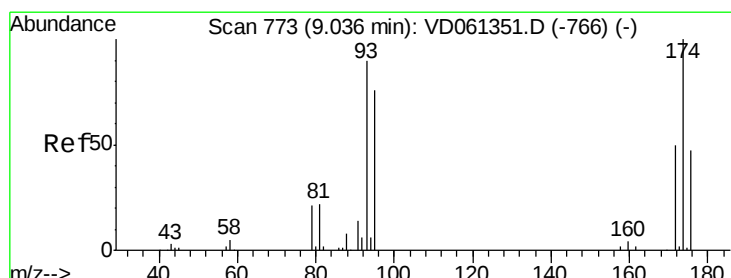
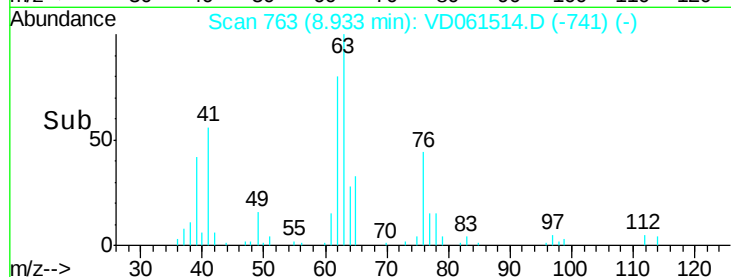
30000

20000

10000

0

Time--> 8.70 8.80 8.90 9.00 9.10



#46

Dibromomethane

Concen: 24.181 ug/l

RT: 9.05 min Scan# 775

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

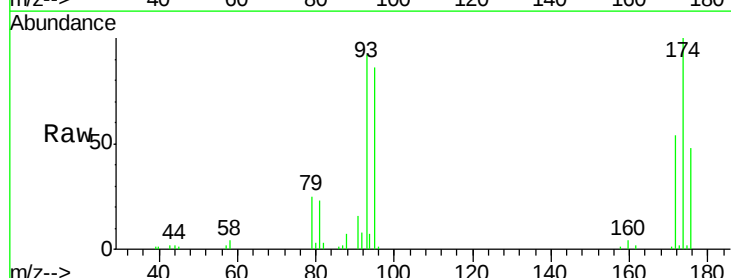
Tgt Ion: 93 Resp: 96092

Ion Ratio Lower Upper

93 100

95 93.6 67.4 101.0

174 109.2 88.9 133.3



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

9.05

50000

40000

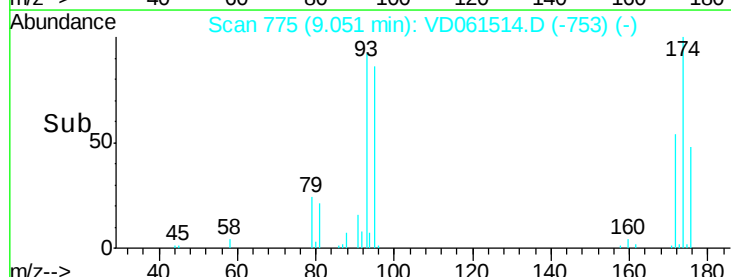
30000

20000

10000

0

Time--> 9.00 9.10 9.20





#47

Bromodichloromethane

Concen: 24.291 ug/l

RT: 9.37 min Scan# 807

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

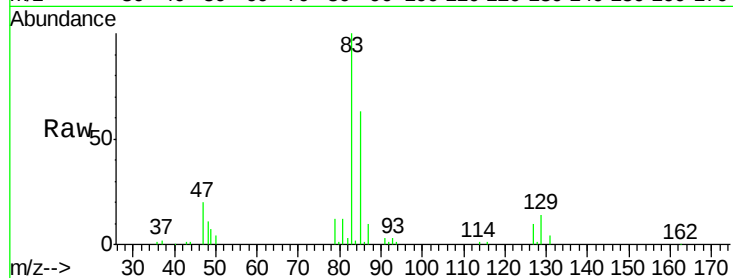
Tot Ion: 83 Resp: 216656

Ion Ratio Lower Upper

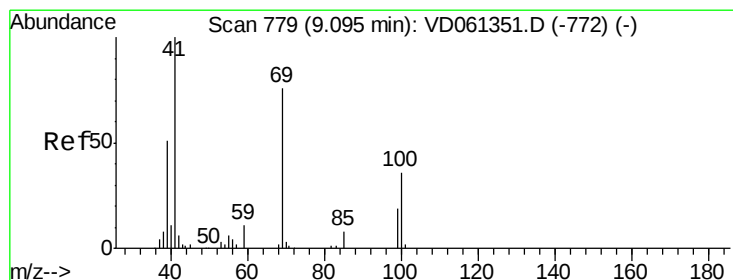
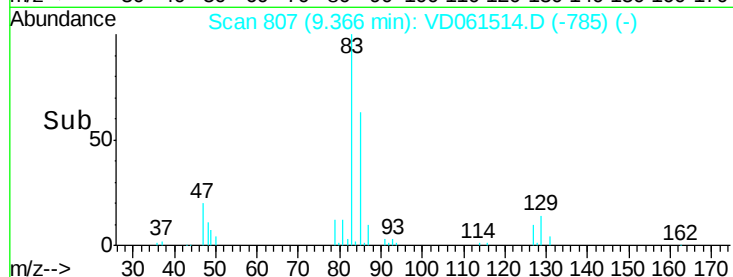
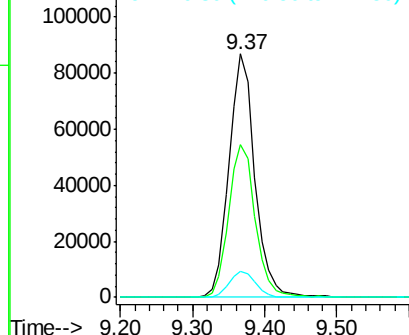
83 100

85 62.9 53.0 79.4

127 10.5 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): V



#48

Methyl methacrylate

Concen: 26.243 ug/l

RT: 9.11 min Scan# 781

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

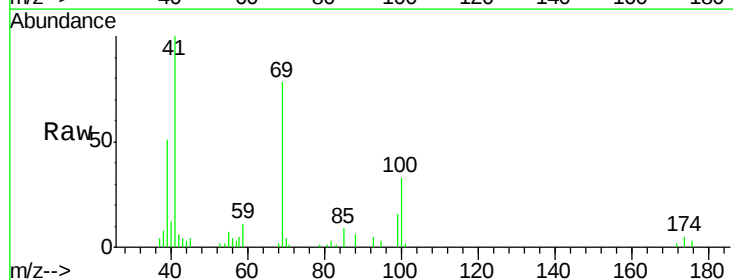
Tgt Ion: 41 Resp: 83612

Ion Ratio Lower Upper

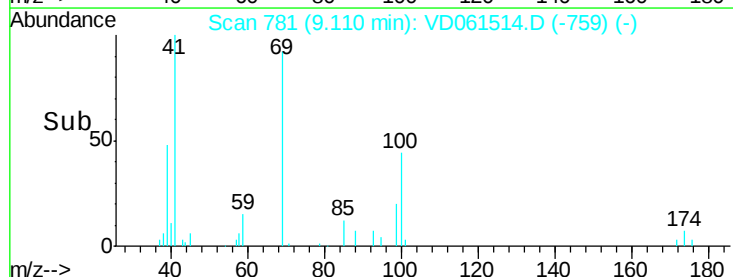
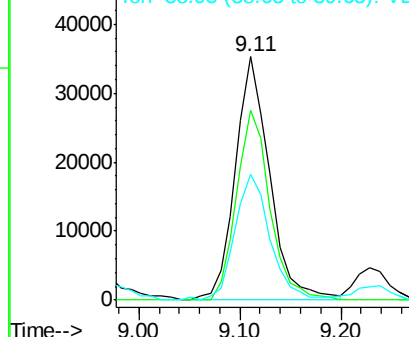
41 100

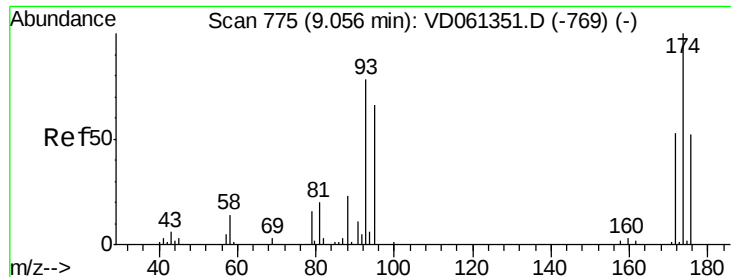
69 77.9 60.2 90.4

39 51.4 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

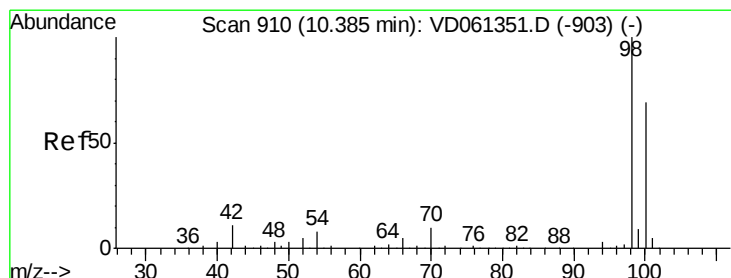
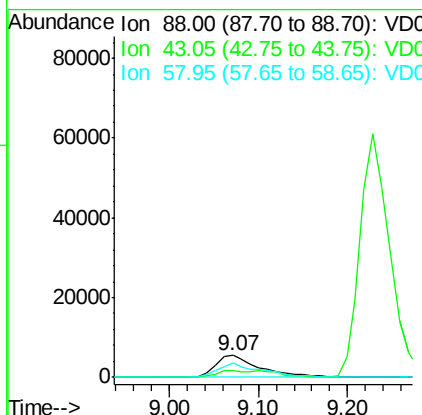
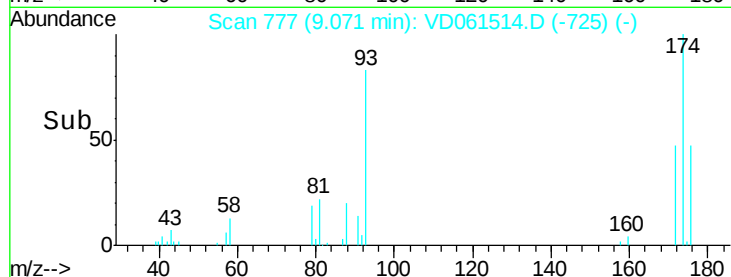
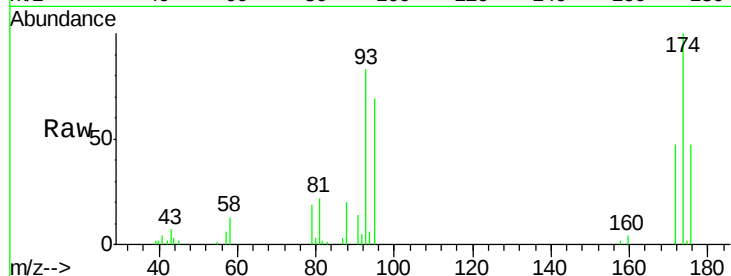




#49  
1,4-Dioxane  
Concen: 529.311 ug/l  
RT: 9.07 min Scan# 777  
Delta R.T. 0.02 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

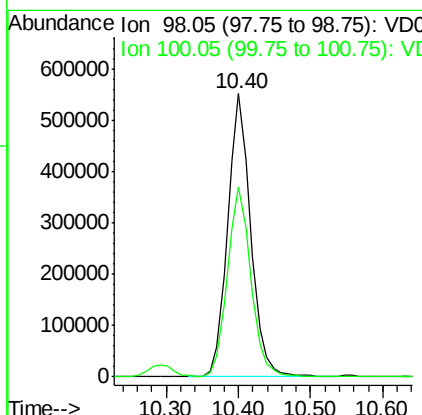
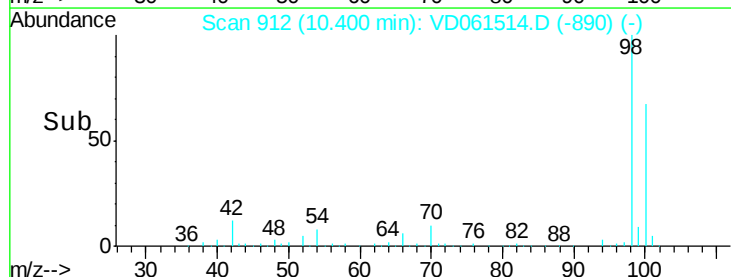
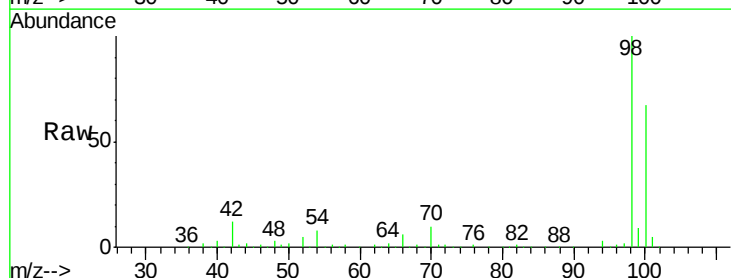
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

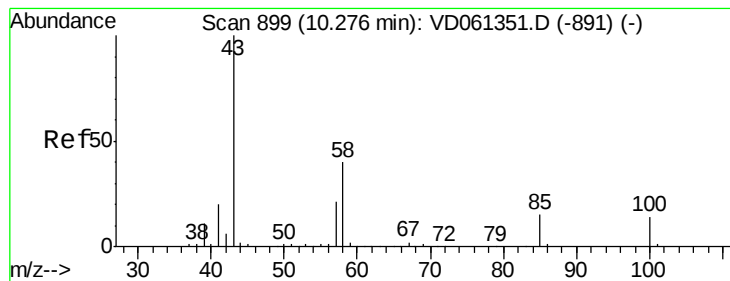
Tot Ion: 88 Resp: 18601  
Ion Ratio Lower Upper  
88 100  
43 33.2 23.3 34.9  
58 64.2 50.8 76.2



#50  
Toluene-d8  
Concen: 529.311 ug/l  
RT: 10.40 min Scan# 912  
Delta R.T. 0.02 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion: 98 Resp: 1230161  
Ion Ratio Lower Upper  
98 100  
100 67.2 56.2 84.2





#51

4-Methyl-2-Pentanone

Concen: 128.022 ug/l

RT: 10.29 min Scan# 901

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

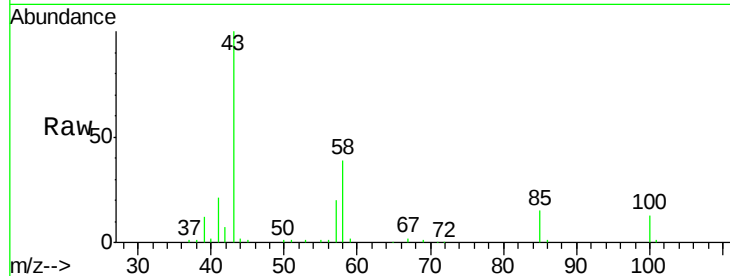
VD0402SBS01

Tot Ion: 43 Resp: 449645

Ion Ratio Lower Upper

43 100

58 39.1 31.8 47.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.29

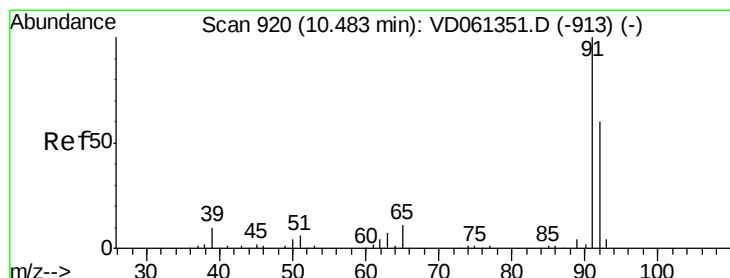
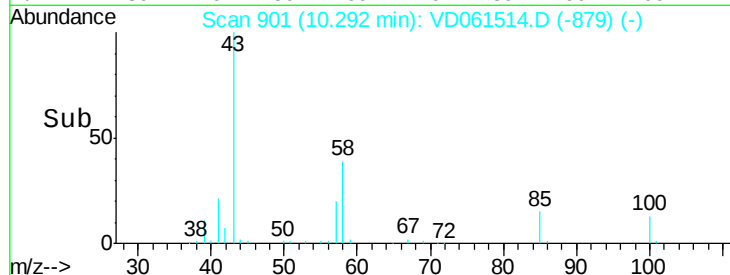
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 25.266 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.02 min

Lab File: VD061514.D

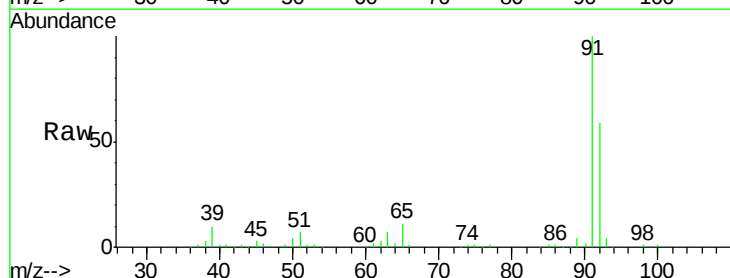
Acq: 2 Apr 2019 15:11

Tgt Ion: 92 Resp: 358908

Ion Ratio Lower Upper

92 100

91 170.2 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.50

300000

250000

200000

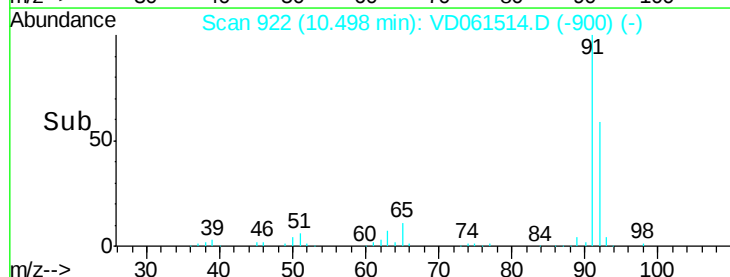
150000

100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 25.441 ug/l

RT: 10.90 min Scan# 963

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

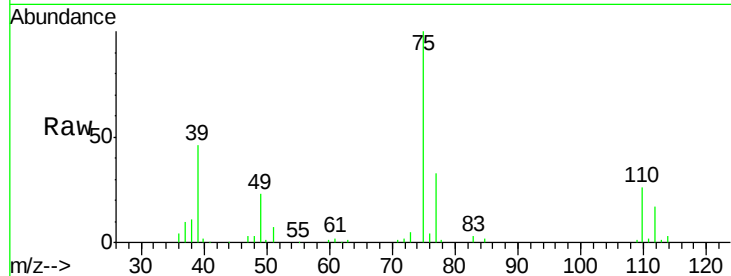
VD0402SBS01

Tot Ion: 75 Resp: 206164

Ion Ratio Lower Upper

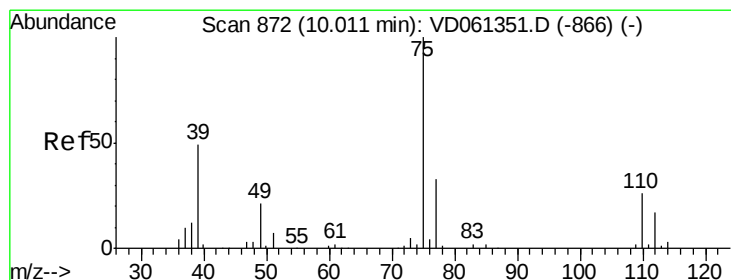
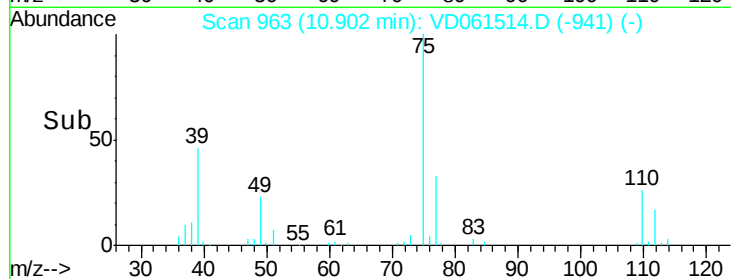
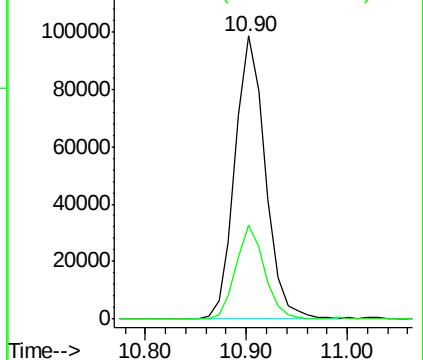
75 100

77 33.1 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 25.197 ug/l

RT: 10.03 min Scan# 874

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

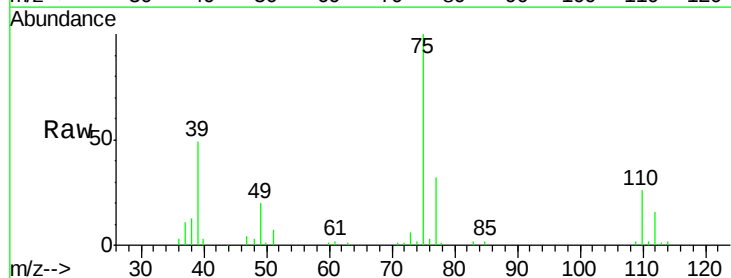
Tgt Ion: 75 Resp: 248626

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.4

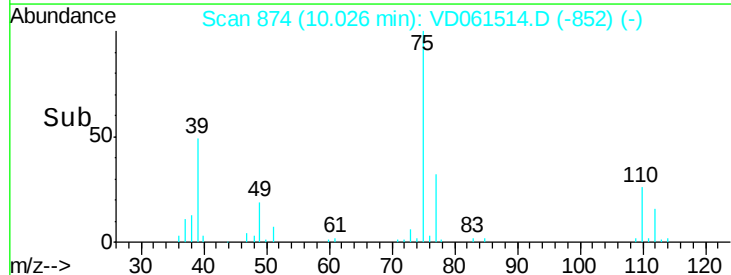
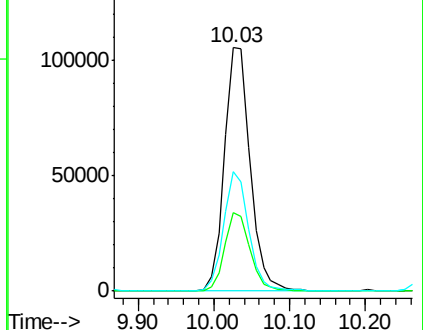
39 49.2 39.4 59.0

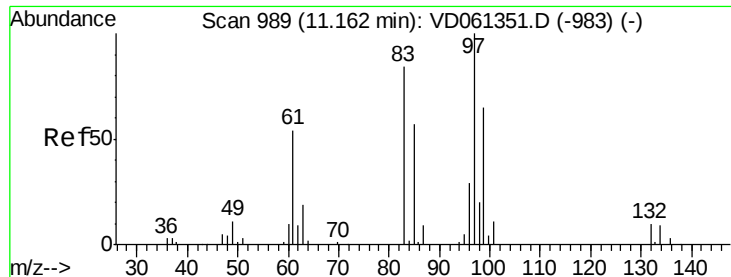


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC



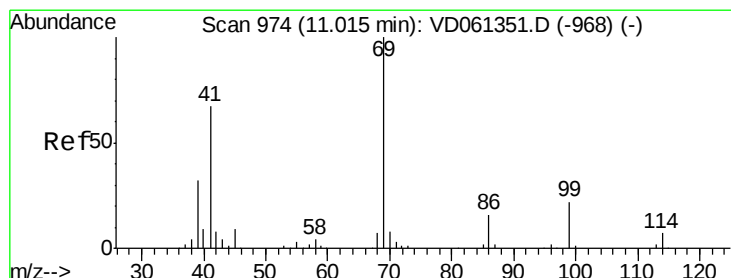
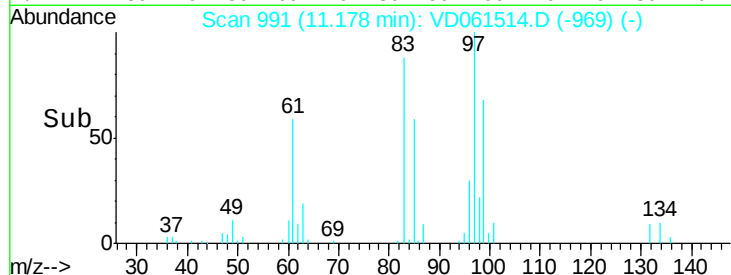
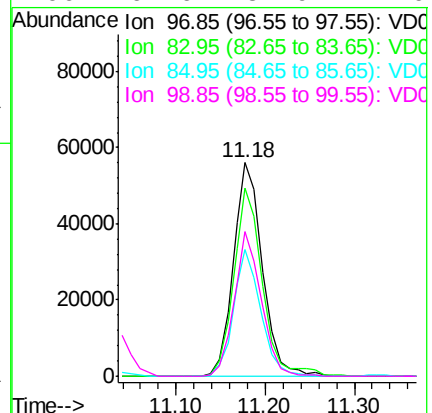
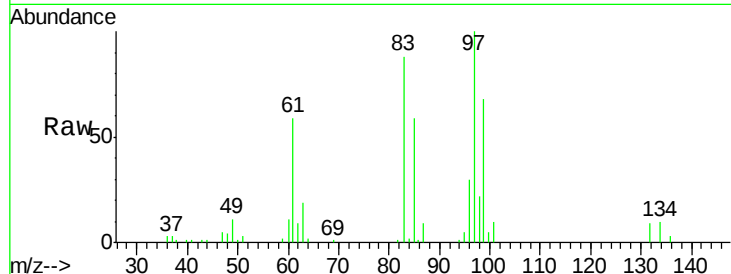


#55  
 1,1,2-Trichloroethane  
 Concen: 25.627 ug/l  
 RT: 11.18 min Scan# 991  
 Delta R.T. 0.02 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBS01

Tot Ion: 97 Resp: 127309

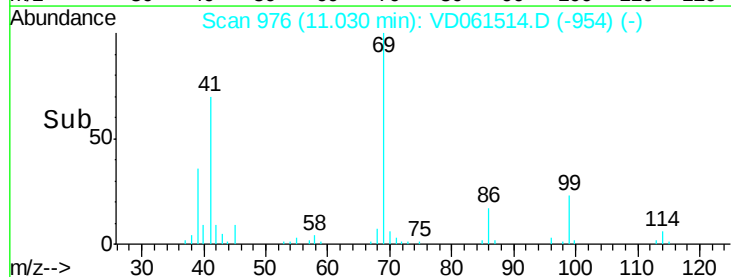
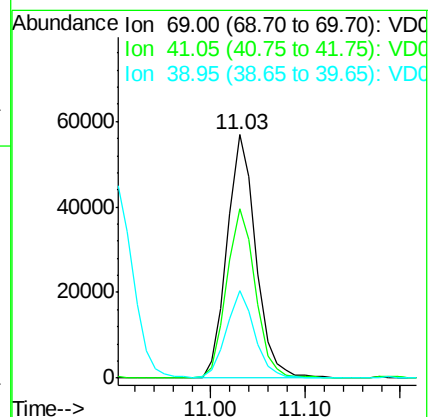
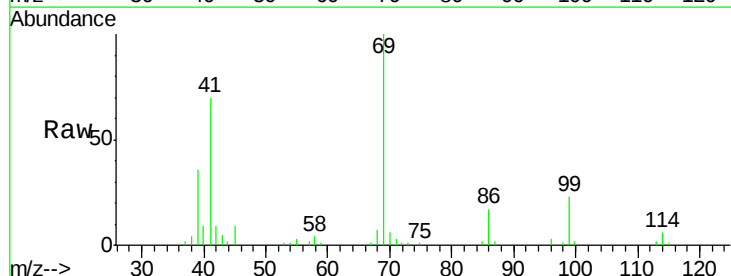
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.2  | 67.0  | 100.6 |
| 85  | 59.3  | 45.4  | 68.2  |
| 99  | 67.6  | 51.9  | 77.9  |

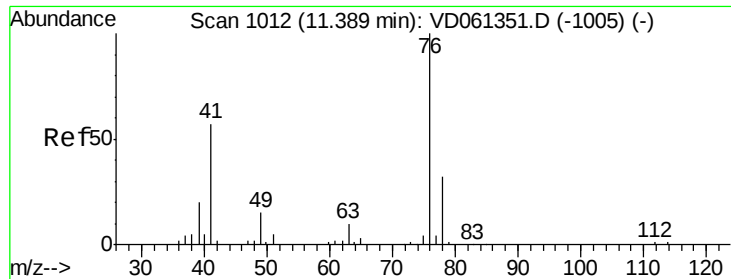


#56  
 Ethyl methacrylate  
 Concen: 22.440 ug/l  
 RT: 11.03 min Scan# 976  
 Delta R.T. 0.02 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

Tgt Ion: 69 Resp: 119759

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 69.5  | 53.8  | 80.6  |
| 39  | 35.9  | 26.4  | 39.6  |

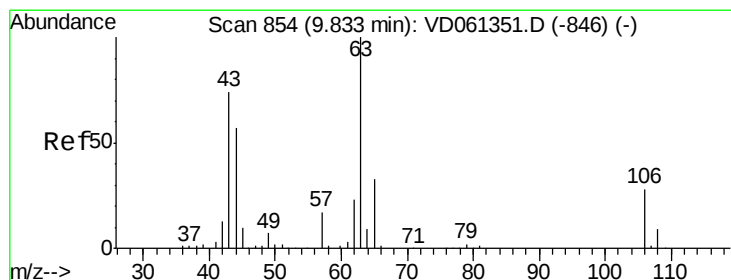
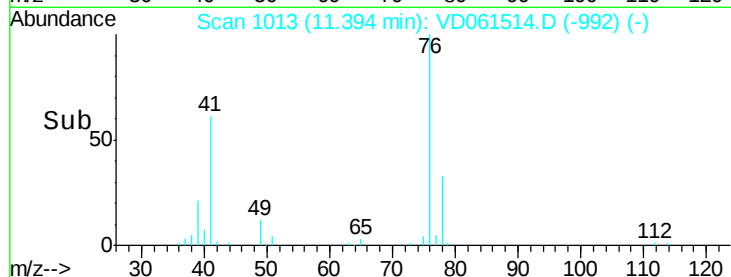
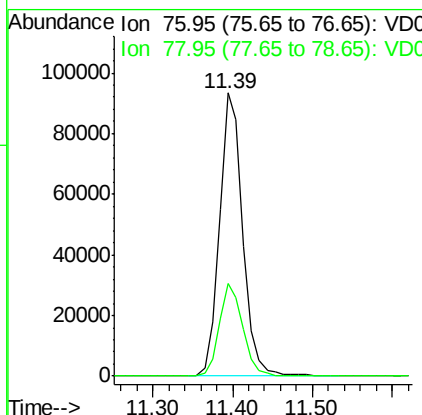
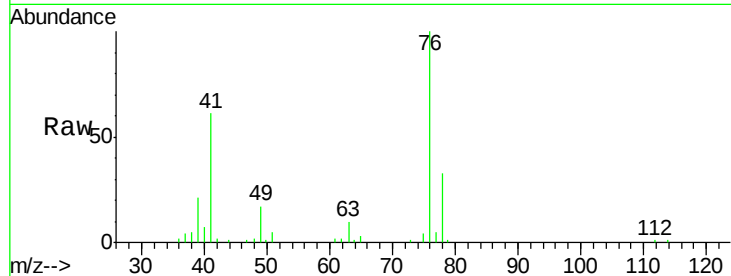




#57  
 1,3-Dichloropropane  
 Concen: 26.078 ug/l  
 RT: 11.39 min Scan# 1013  
 Delta R.T. 0.01 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

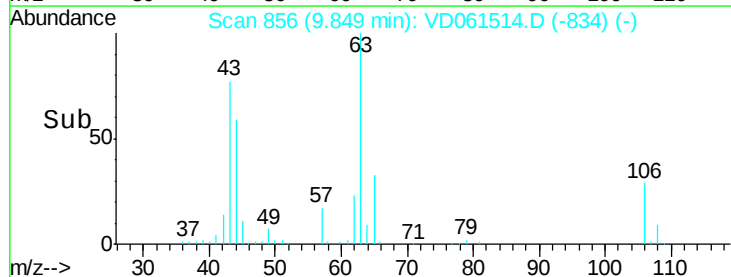
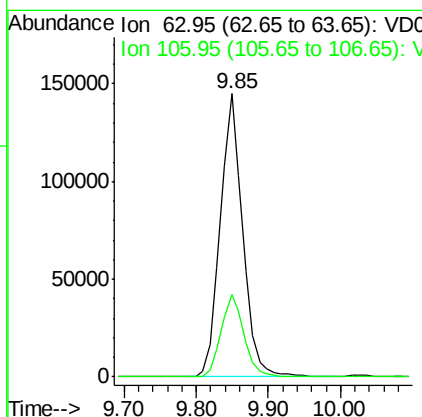
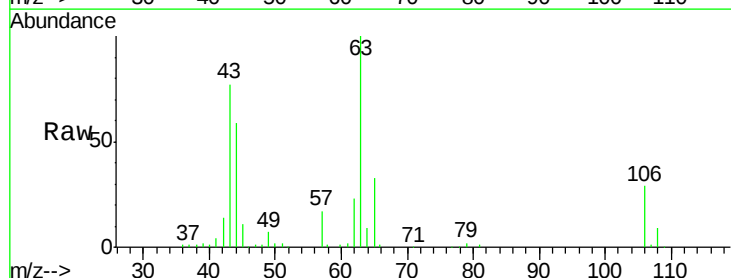
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBS01

Tot Ion: 76 Resp: 190418  
 Ion Ratio Lower Upper  
 76 100  
 78 32.8 25.4 38.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 119.759 ug/l  
 RT: 9.85 min Scan# 856  
 Delta R.T. 0.02 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

Tgt Ion: 63 Resp: 311250  
 Ion Ratio Lower Upper  
 63 100  
 106 29.1 22.4 33.6

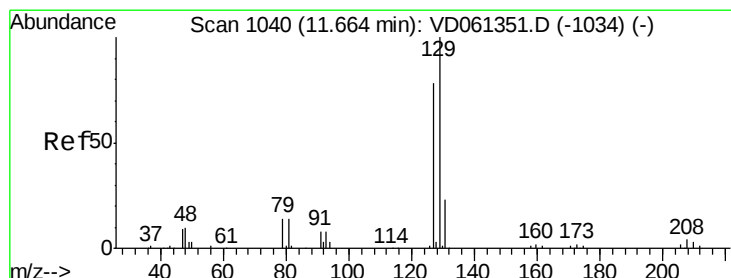
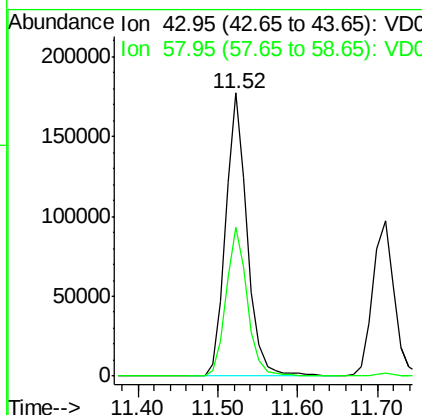
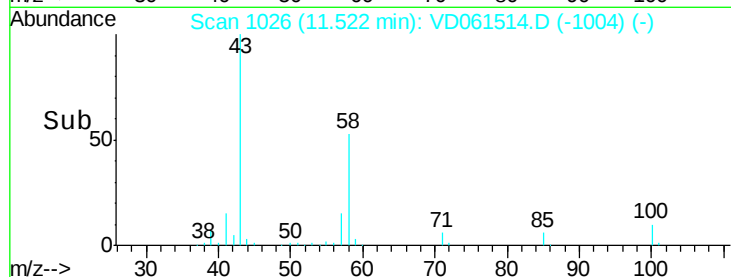
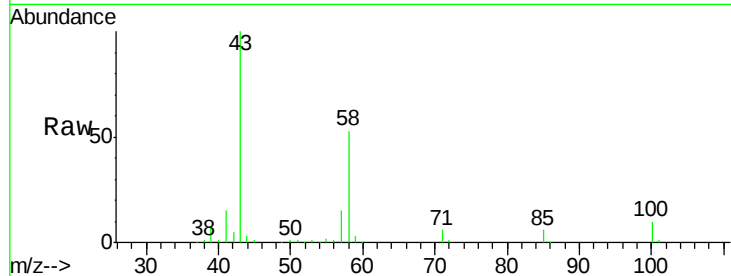




#59  
2-Hexanone  
Concen: 132.031 ug/l  
RT: 11.52 min Scan# 1026  
Delta R.T. 0.02 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

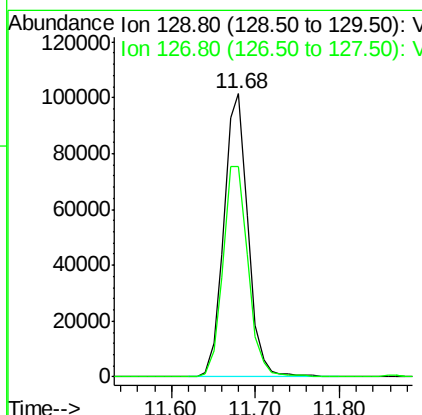
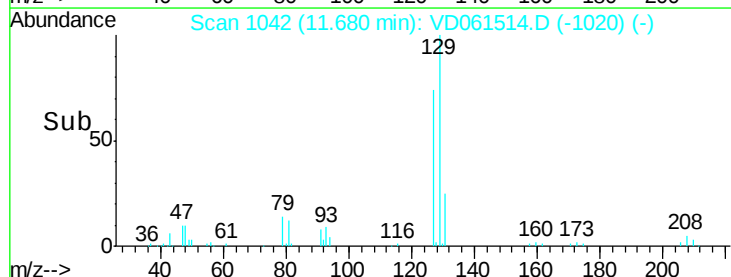
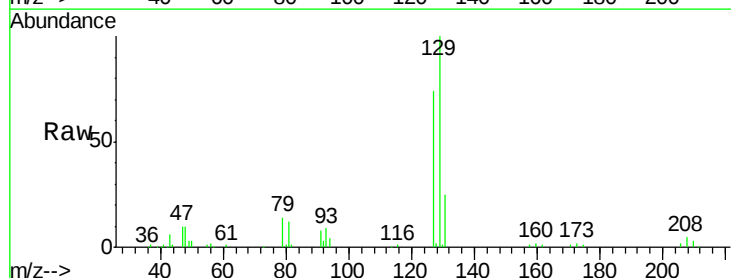
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

Tot Ion: 43 Resp: 335985  
Ion Ratio Lower Upper  
43 100  
58 52.7 26.3 78.9



#60  
Dibromochloromethane  
Concen: 26.244 ug/l  
RT: 11.68 min Scan# 1042  
Delta R.T. 0.02 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion: 129 Resp: 200988  
Ion Ratio Lower Upper  
129 100  
127 74.5 39.0 116.9





#61

1,2-Dibromoethane

Concen: 25.636 ug/l

RT: 11.80 min Scan# 1054

Delta R.T. 0.02 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

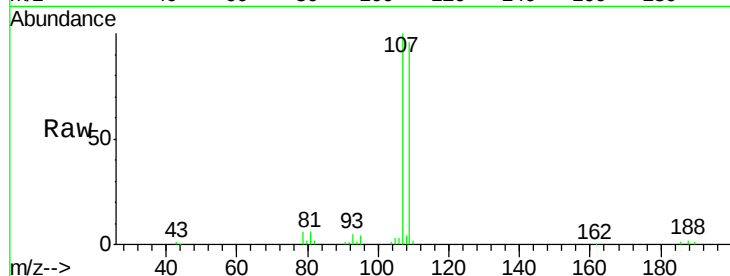
VD0402SBS01

Tot Ion:107 Resp: 147469

Ion Ratio Lower Upper

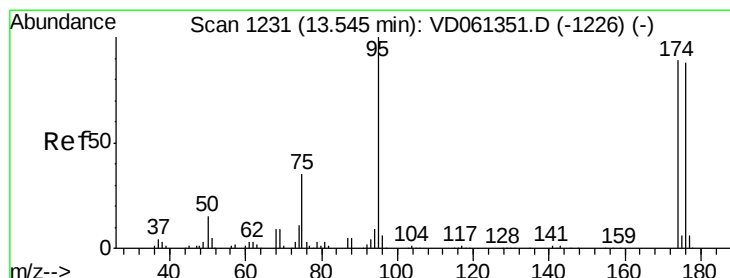
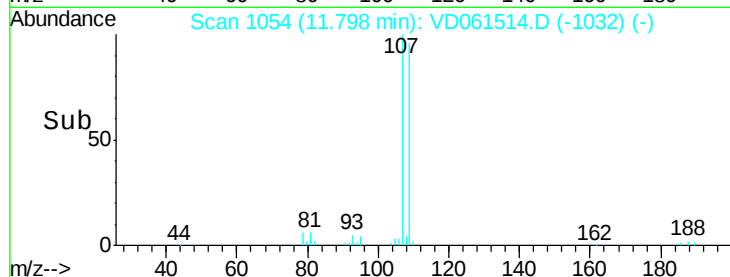
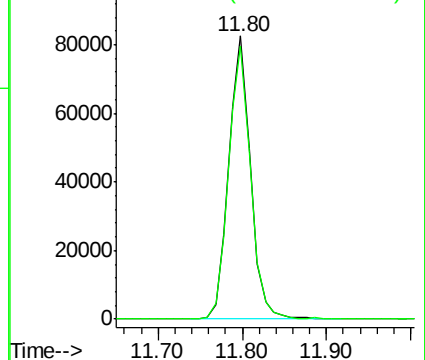
107 100

109 96.3 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 25.636 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

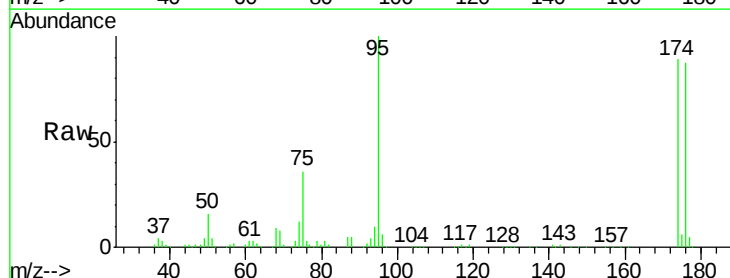
Tgt Ion: 95 Resp: 463268

Ion Ratio Lower Upper

95 100

174 89.2 0.0 178.0

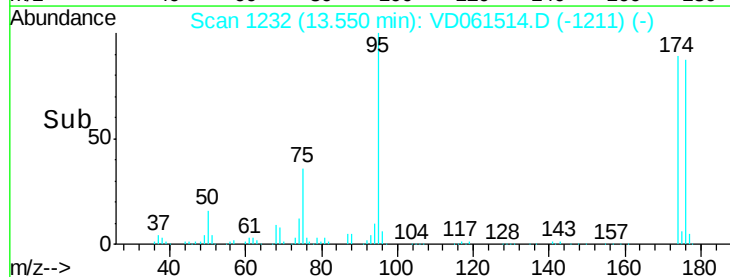
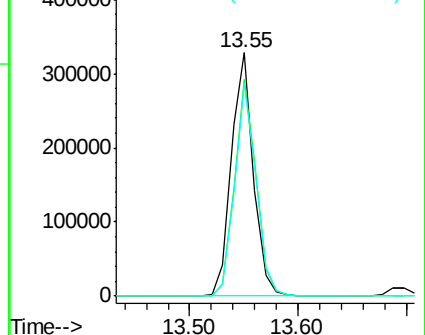
176 87.4 0.0 175.0

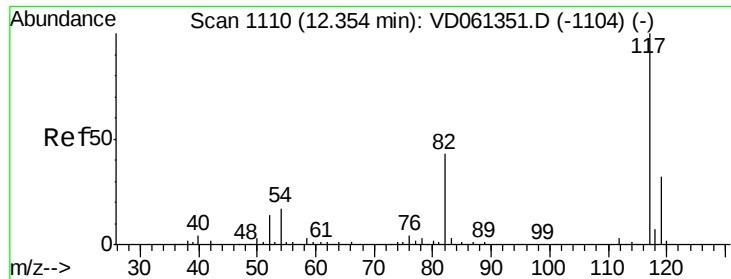


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

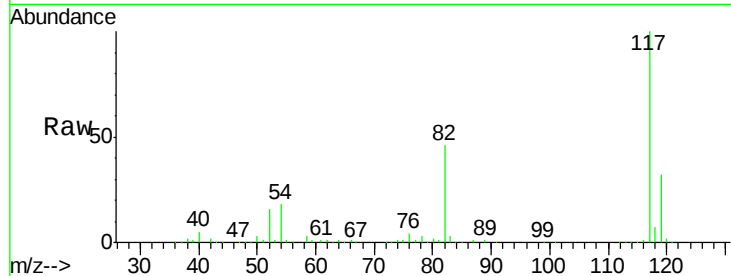




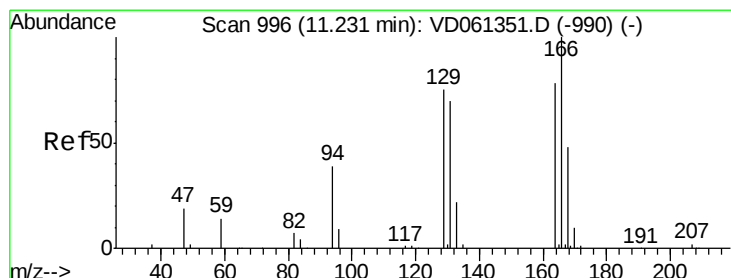
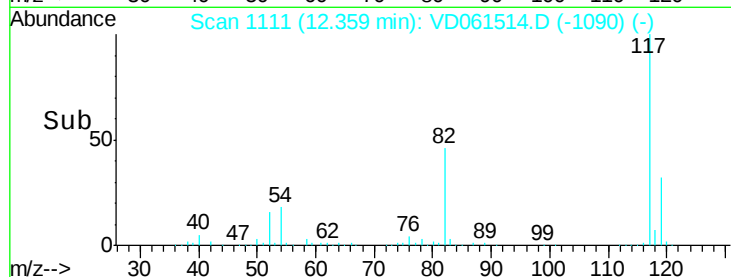
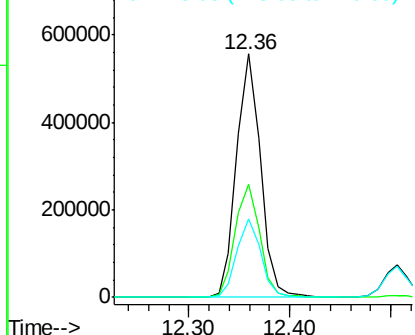
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. 0.01 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

Tot Ion:117 Resp: 924709  
Ion Ratio Lower Upper  
117 100  
82 46.4 34.4 51.6  
119 32.2 25.8 38.6

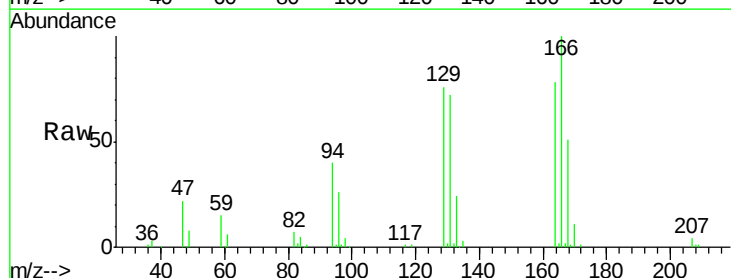


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

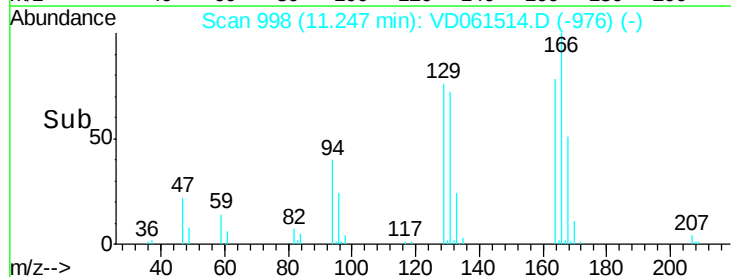
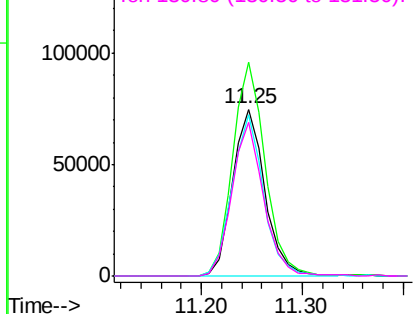


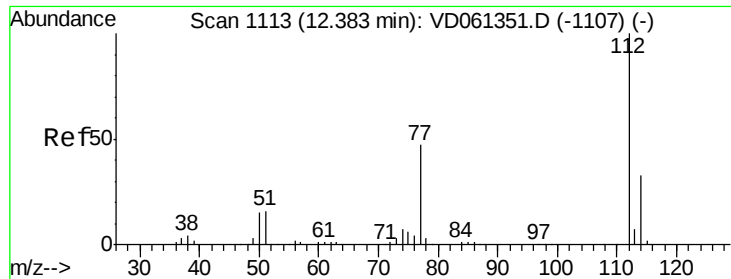
#64  
Tetrachloroethene  
Concen: 22.944 ug/l  
RT: 11.25 min Scan# 998  
Delta R.T. 0.02 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion:164 Resp: 166511  
Ion Ratio Lower Upper  
164 100  
166 128.2 102.4 153.6  
129 96.8 76.8 115.2  
131 92.5 71.8 107.6



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

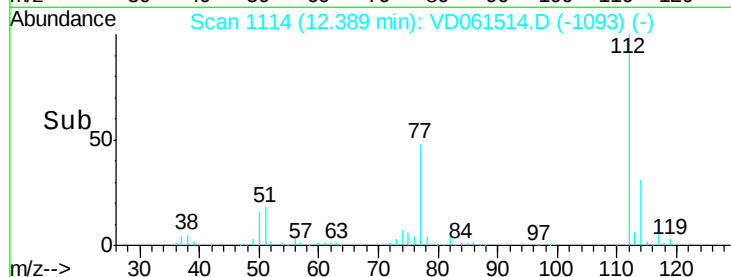
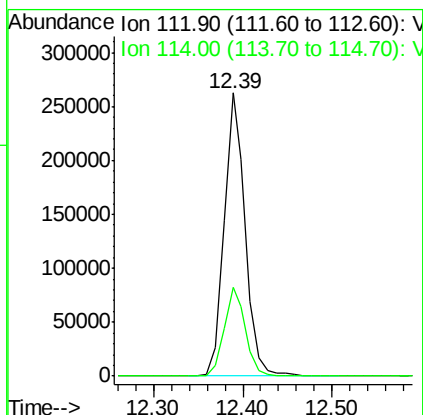
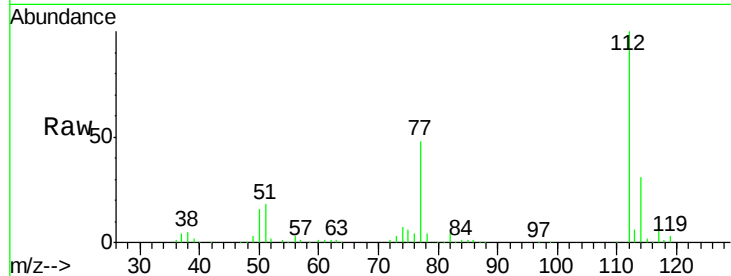




#65  
Chlorobenzene  
Concen: 22.980 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. 0.01 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

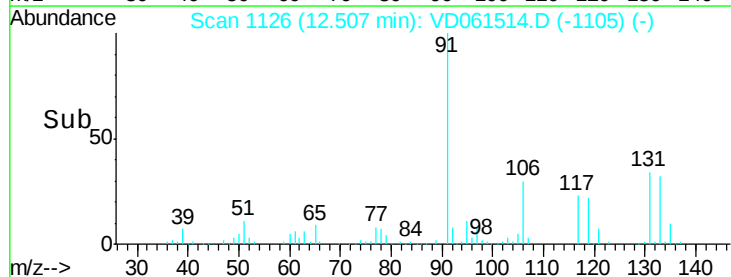
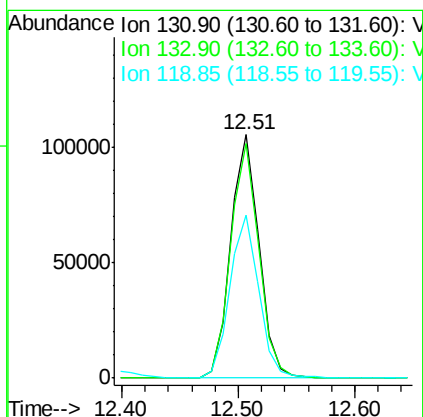
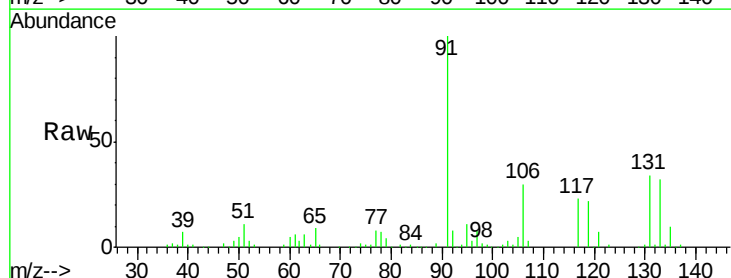
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

Tot Ion:112 Resp: 434282  
Ion Ratio Lower Upper  
112 100  
114 31.3 26.6 39.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 24.239 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. 0.01 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion:131 Resp: 177358  
Ion Ratio Lower Upper  
131 100  
133 96.2 49.4 148.2  
119 66.8 34.1 102.2

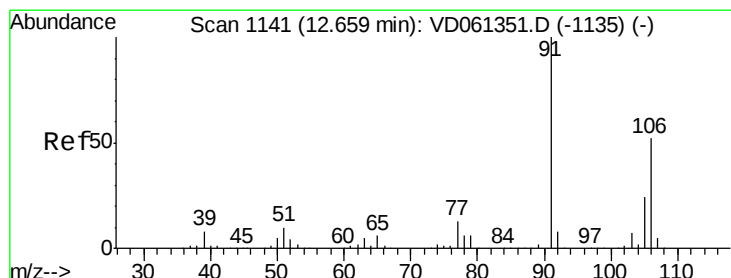
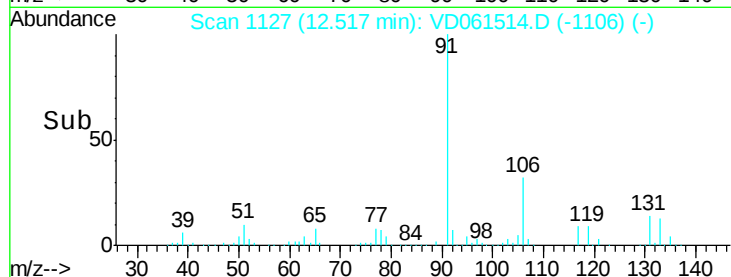
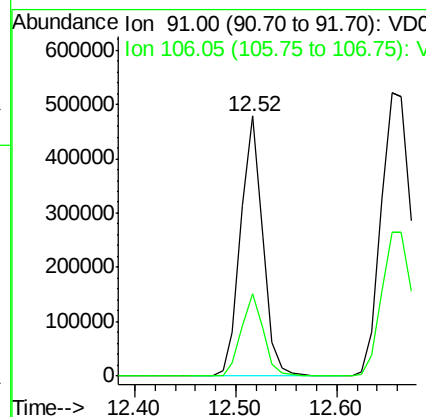
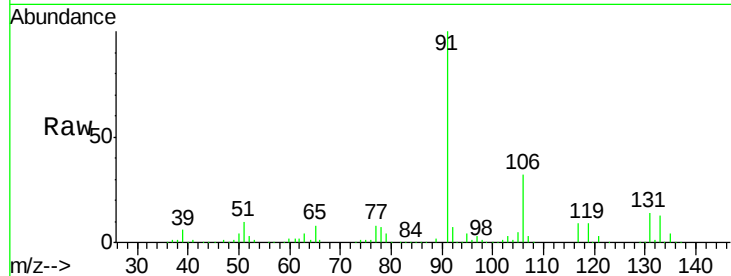




#67  
Ethyl Benzene  
Concen: 25.221 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.01 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

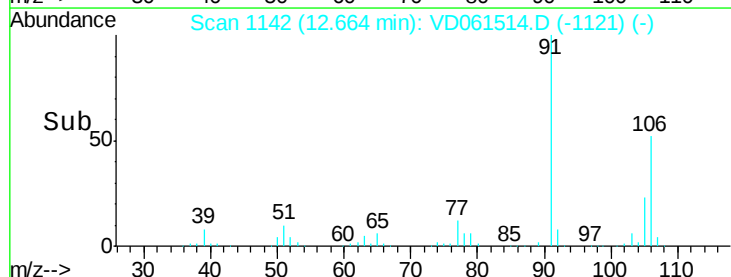
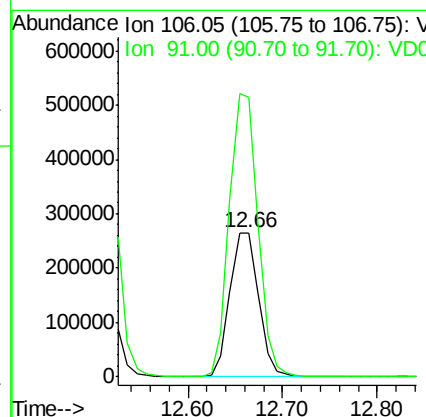
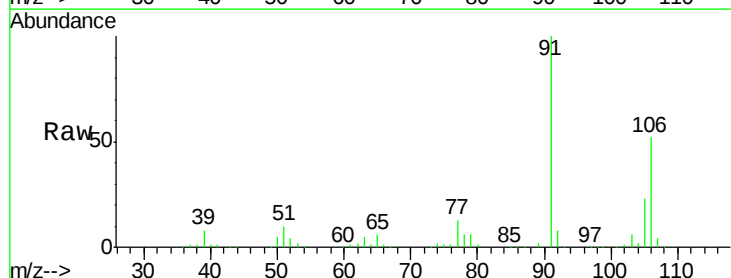
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

Tot Ion: 91 Resp: 727506  
Ion Ratio Lower Upper  
91 100  
106 31.5 26.1 39.1



#68  
m/p-Xylenes  
Concen: 51.134 ug/l  
RT: 12.66 min Scan# 1142  
Delta R.T. 0.01 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion: 106 Resp: 558721  
Ion Ratio Lower Upper  
106 100  
91 194.0 153.1 229.7

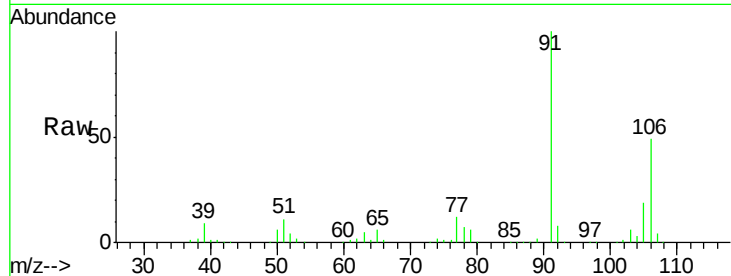




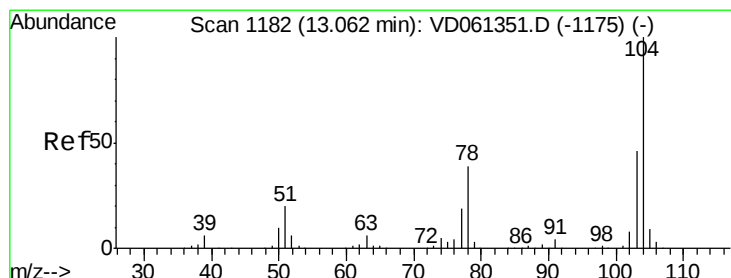
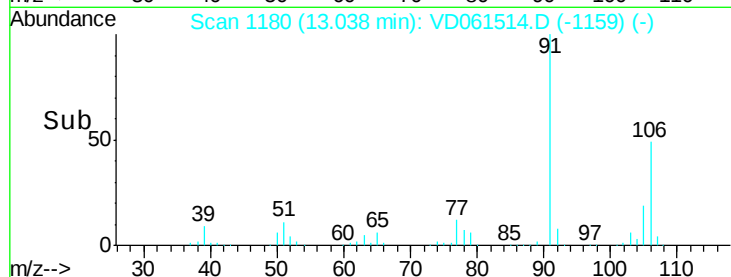
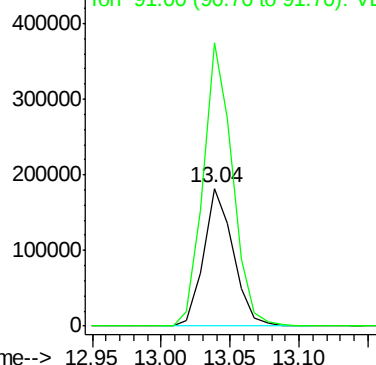
#69  
o-Xylene  
Concen: 25.624 ug/l  
RT: 13.04 min Scan# 1180  
Delta R.T. 0.01 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

Tot Ion:106 Resp: 271705  
Ion Ratio Lower Upper  
106 100  
91 205.9 103.8 311.3

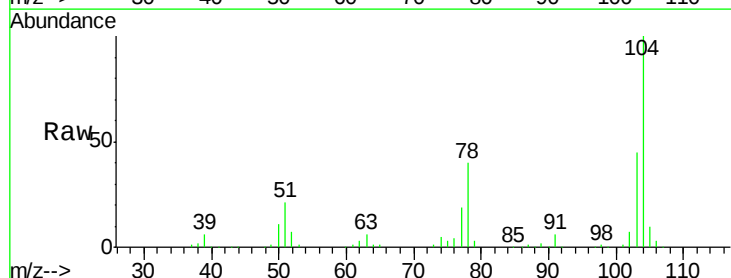


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

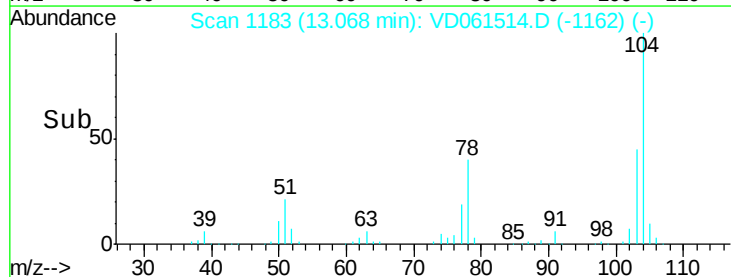
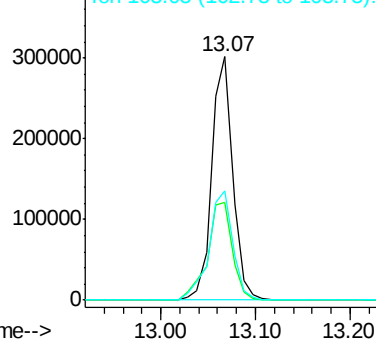


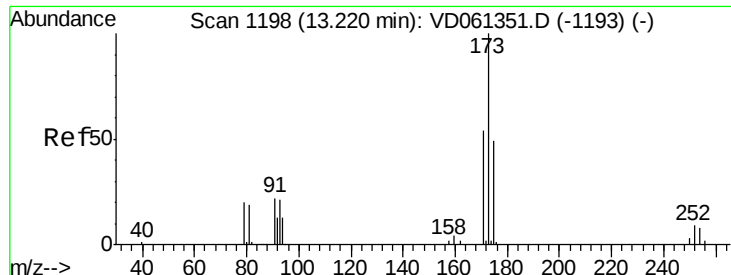
#70  
Styrene  
Concen: 24.973 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. 0.01 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion:104 Resp: 461601  
Ion Ratio Lower Upper  
104 100  
78 40.1 31.0 46.6  
103 45.0 37.0 55.4



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

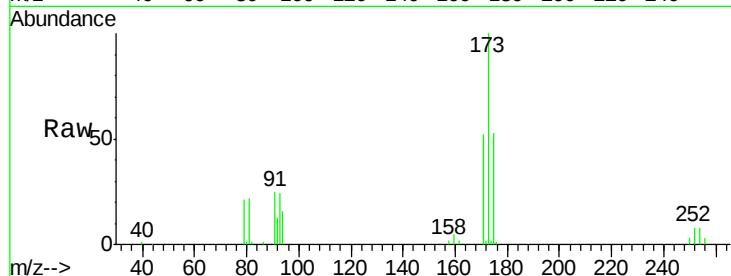




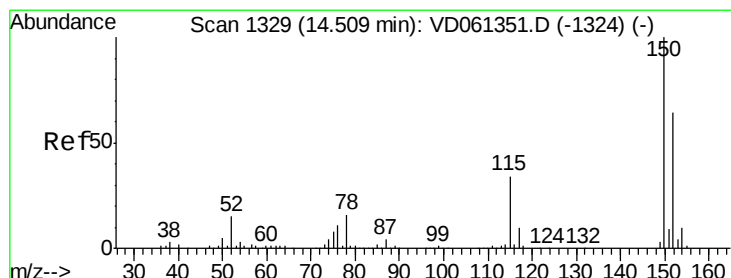
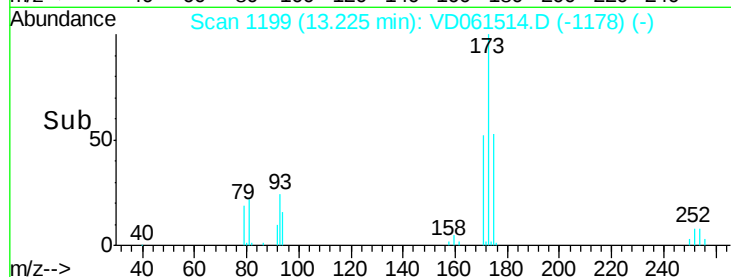
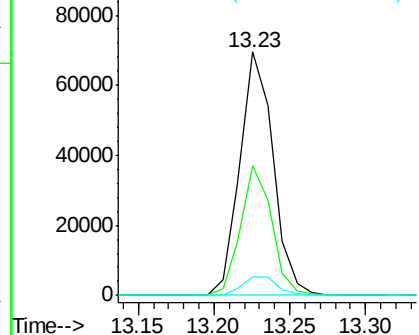
#71  
Bromoform  
Concen: 22.826 ug/l  
RT: 13.23 min Scan# 1199  
Delta R.T. 0.01 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

Tot Ion:173 Resp: 105877  
Ion Ratio Lower Upper  
173 100  
175 53.4 24.6 73.8  
254 7.7 6.6 10.0

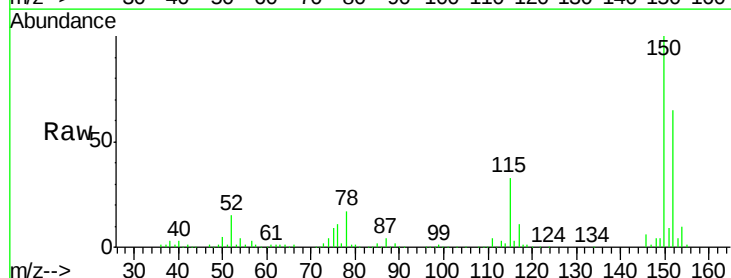


Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V

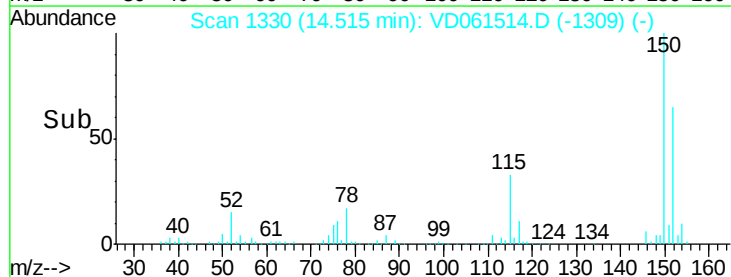
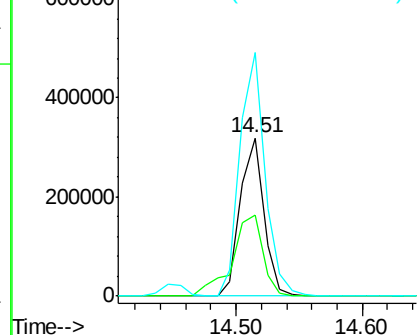


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.51 min Scan# 1330  
Delta R.T. 0.01 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion:152 Resp: 413705  
Ion Ratio Lower Upper  
152 100  
115 51.4 26.9 80.6  
150 154.1 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: 23.816 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. 0.01 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

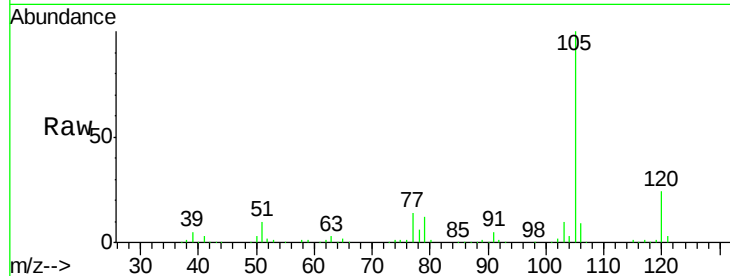
VD0402SBS01

Tot Ion:105 Resp: 685736

Ion Ratio Lower Upper

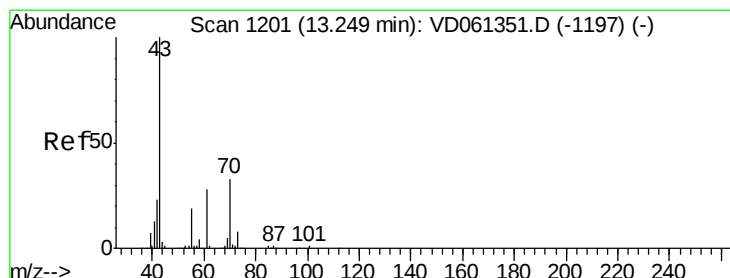
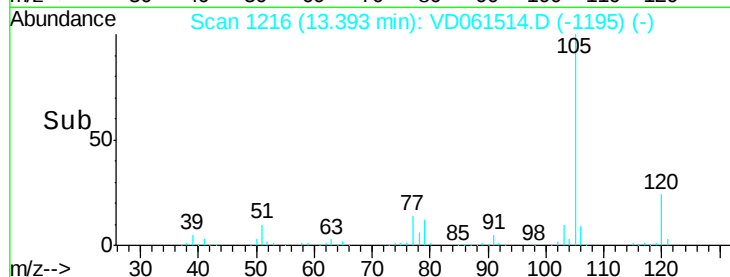
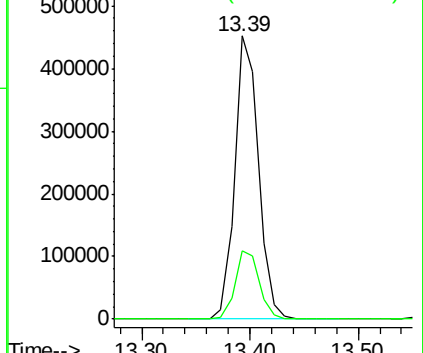
105 100

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: 24.762 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Tgt Ion: 43 Resp: 198617

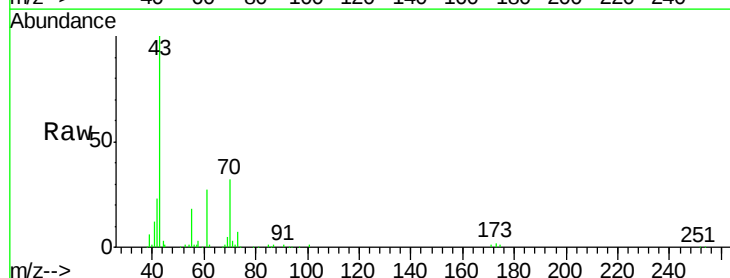
Ion Ratio Lower Upper

43 100

70 32.0 26.6 40.0

55 18.1 15.4 23.2

61 26.9 22.2 33.4

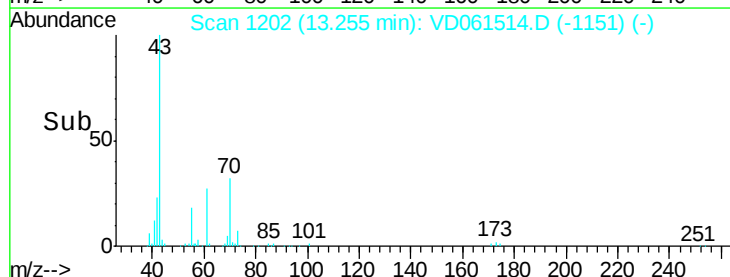
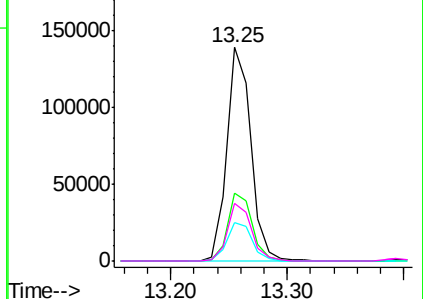


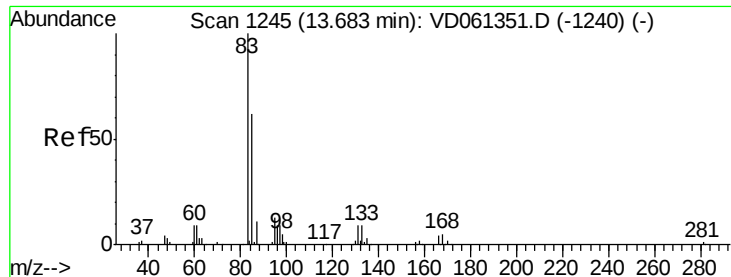
Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 21.981 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. 0.01 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

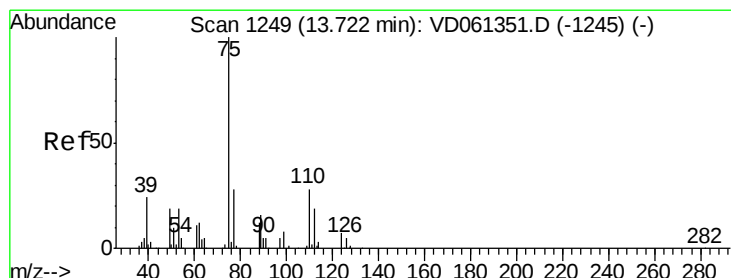
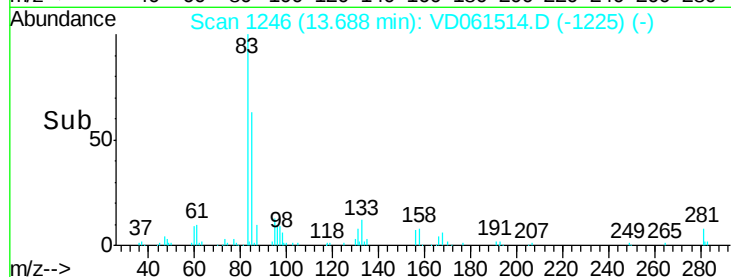
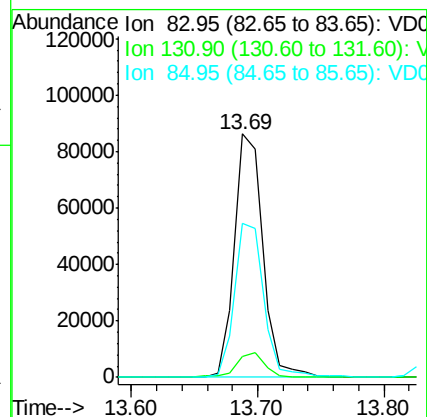
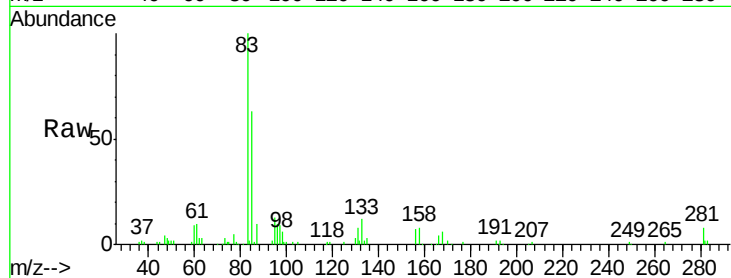
Tot Ion: 83 Resp: 133515

Ion Ratio Lower Upper

83 100

131 8.5 4.3 13.1

85 63.1 31.2 93.6



#76

1,2,3-Trichloropropane

Concen: 22.434 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.01 min

Lab File: VD061514.D

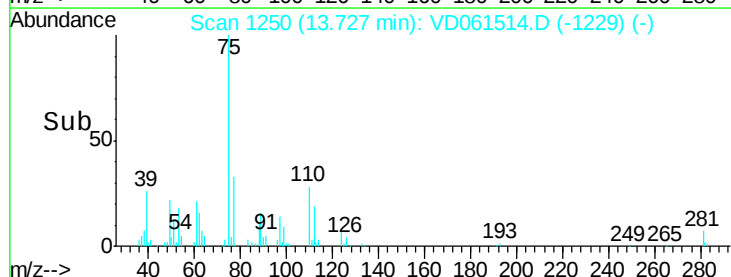
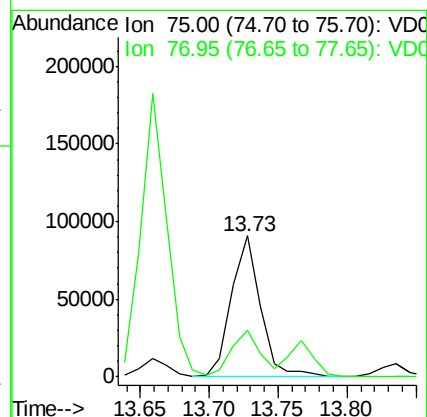
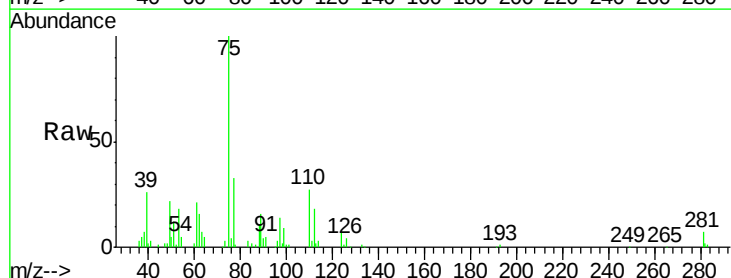
Acq: 2 Apr 2019 15:11

Tgt Ion: 75 Resp: 134069

Ion Ratio Lower Upper

75 100

77 33.0 16.2 48.5





#77

Bromobenzene

Concen: 23.159 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

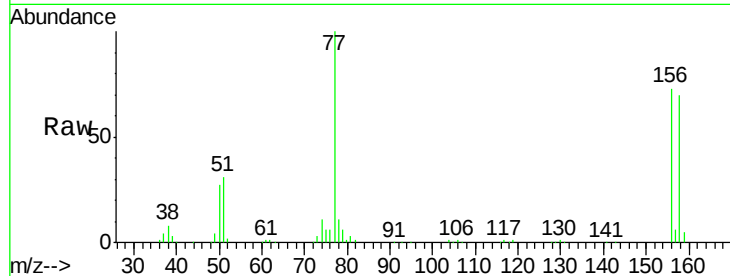
Tot Ion:156 Resp: 197683

Ion Ratio Lower Upper

156 100

77 136.8 68.5 205.6

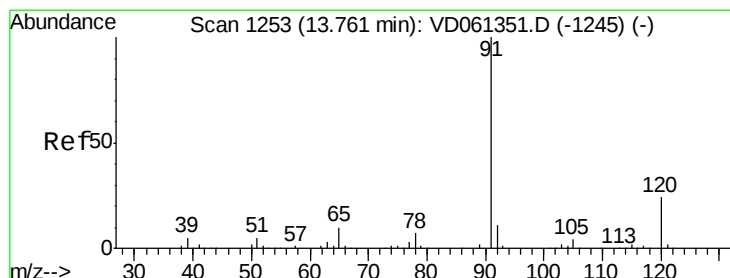
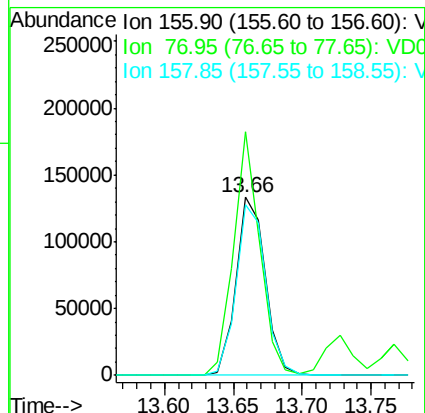
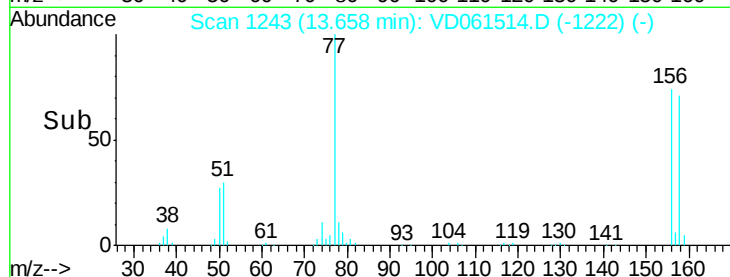
158 95.5 49.1 147.3



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 23.798 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.01 min

Lab File: VD061514.D

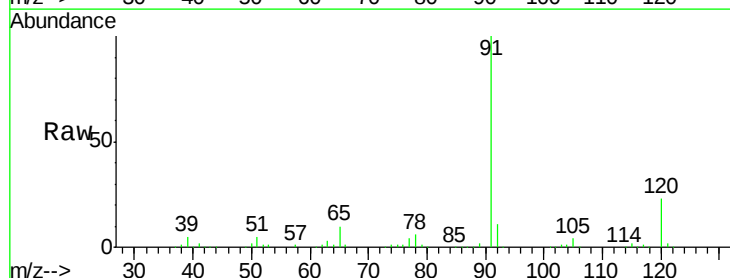
Acq: 2 Apr 2019 15:11

Tgt Ion: 91 Resp: 838543

Ion Ratio Lower Upper

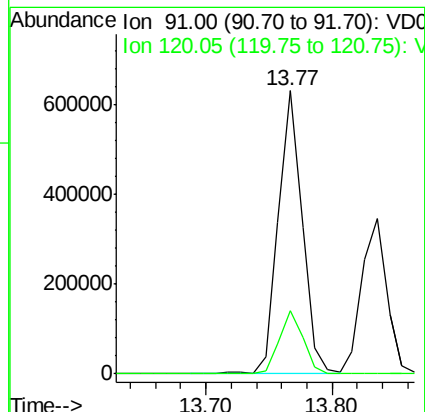
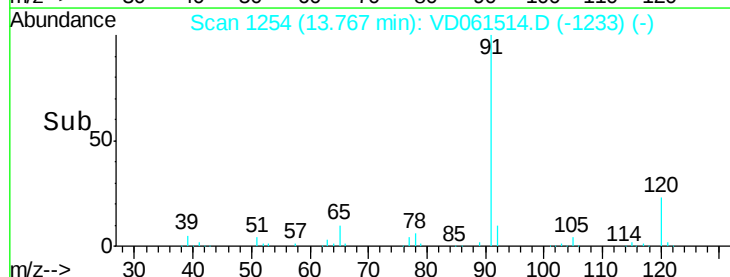
91 100

120 22.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 24.880 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

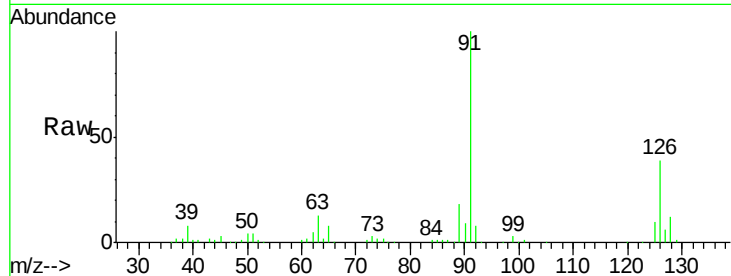
VD0402SBS01

Tot Ion: 91 Resp: 476027

Ion Ratio Lower Upper

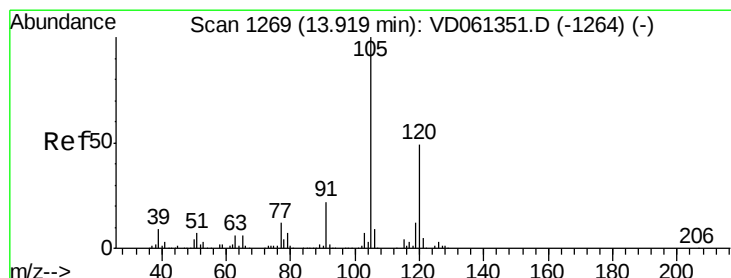
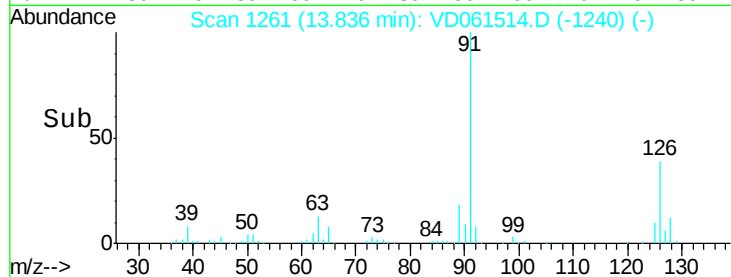
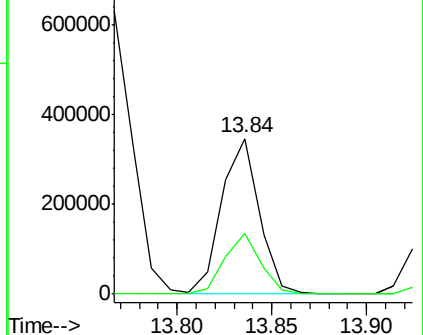
91 100

126 38.8 19.4 58.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 25.505 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VD061514.D

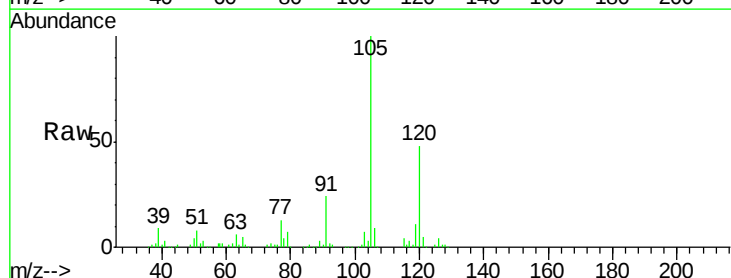
Acq: 2 Apr 2019 15:11

Tgt Ion:105 Resp: 569789

Ion Ratio Lower Upper

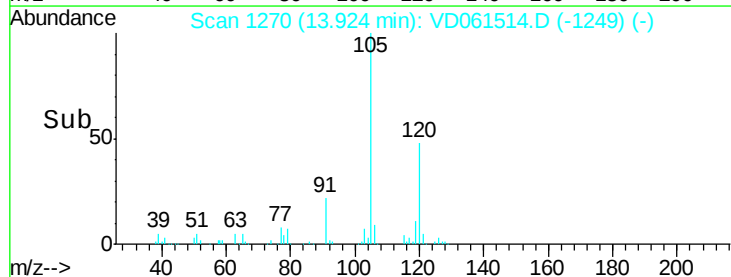
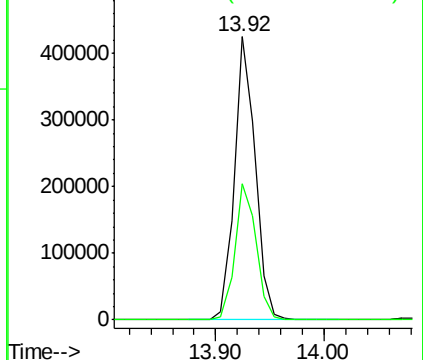
105 100

120 48.3 24.6 73.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 23.268 ug/l

RT: 13.46 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

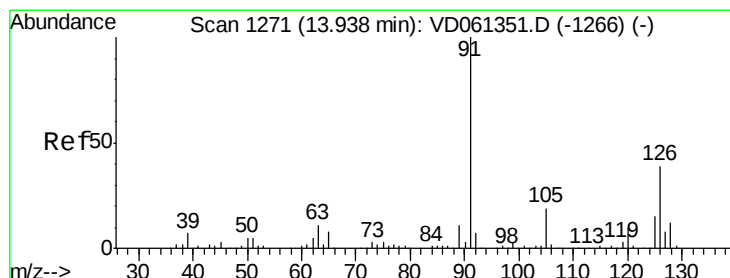
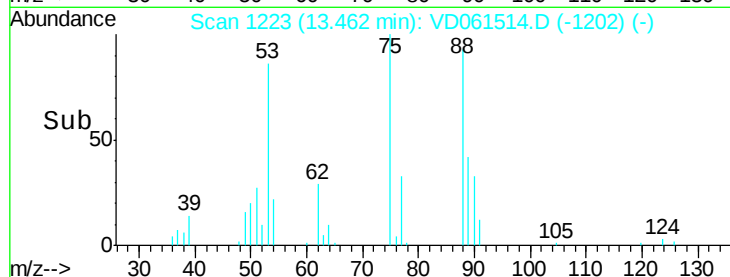
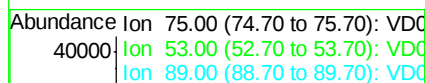
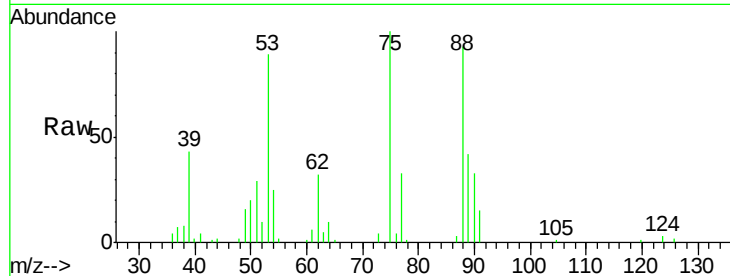
Tot Ion: 75 Resp: 42397

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 89.1  | 63.8  | 95.8  |
| 89  | 42.3  | 30.5  | 45.7  |

75 100

53 89.1 63.8 95.8

89 42.3 30.5 45.7



#82

4-Chlorotoluene

Concen: 26.297 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VD061514.D

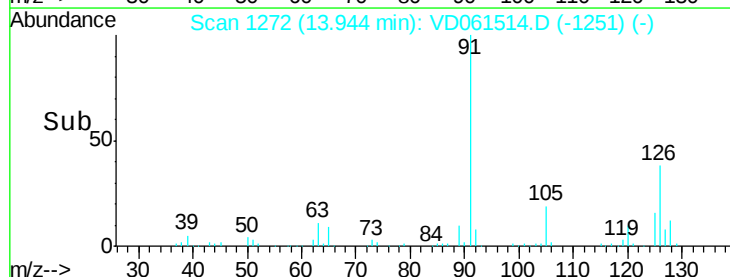
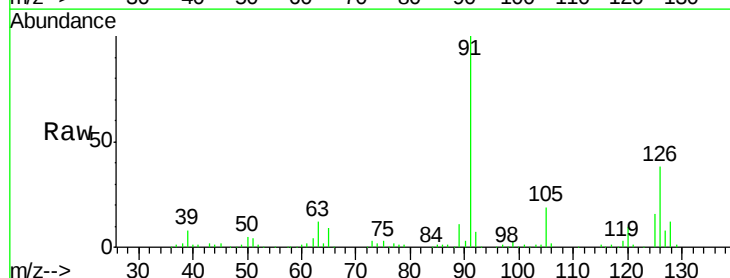
Acq: 2 Apr 2019 15:11

Tgt Ion: 91 Resp: 547059

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 38.1  | 19.6  | 58.8  |

91 100

126 38.1 19.6 58.8





#83

tert-Butylbenzene

Concen: 23.503 ug/l

RT: 14.18 min Scan# 1296

Delta R.T. 0.01 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

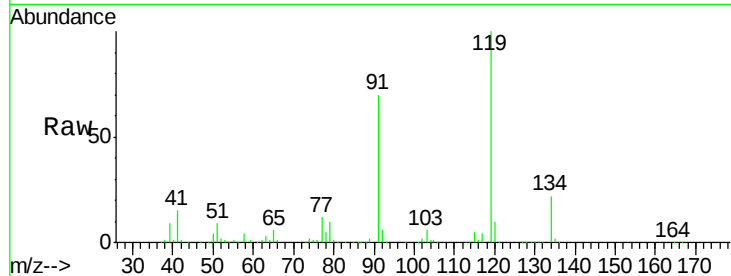
Tot Ion:119 Resp: 656182

Ion Ratio Lower Upper

119 100

91 69.8 34.1 102.3

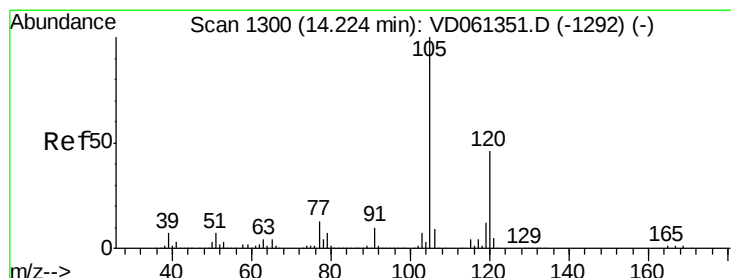
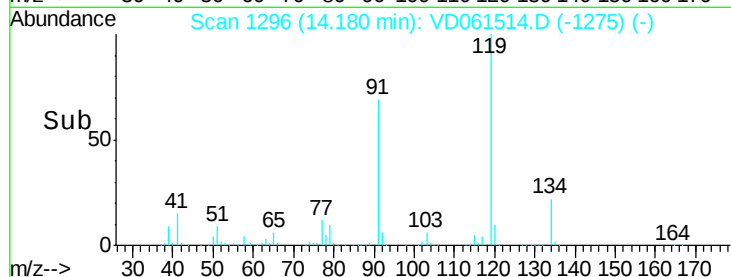
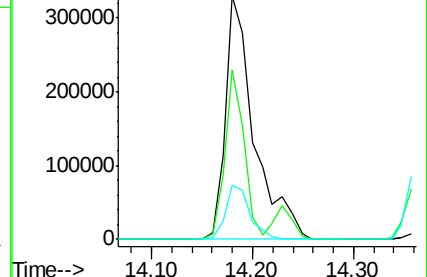
134 22.3 11.6 34.8



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: 25.325 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. 0.01 min

Lab File: VD061514.D

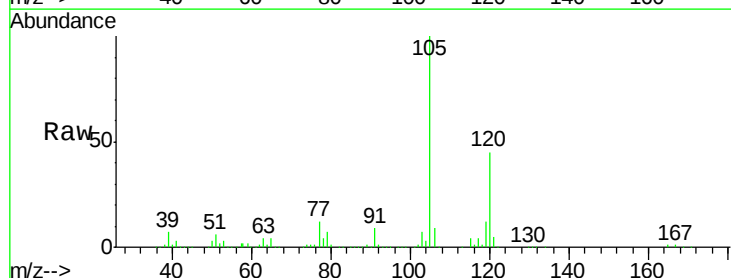
Acq: 2 Apr 2019 15:11

Tgt Ion:105 Resp: 612524

Ion Ratio Lower Upper

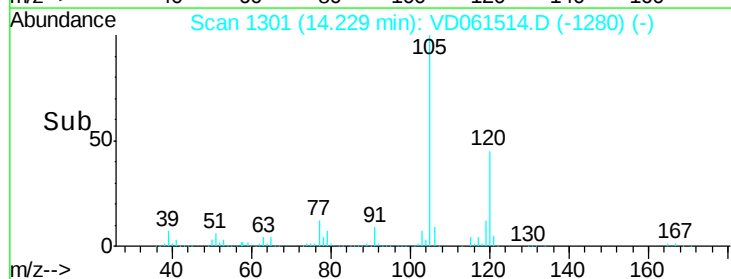
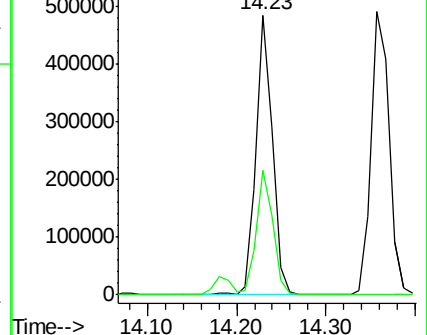
105 100

120 44.7 22.8 68.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

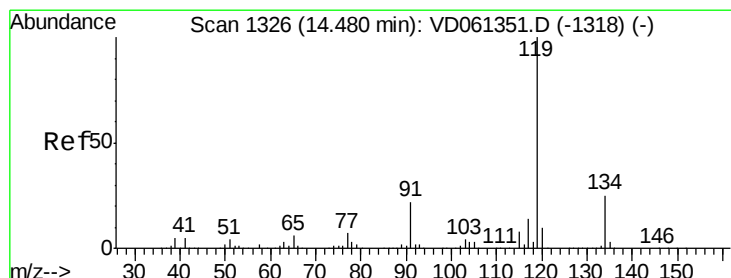
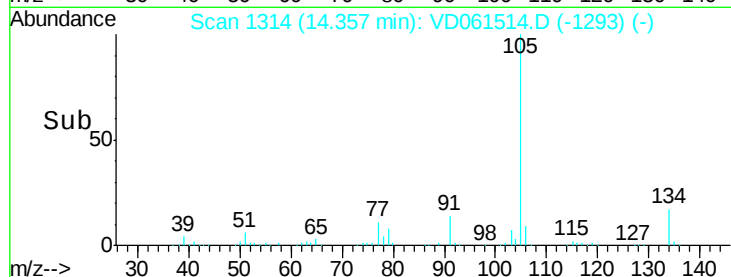
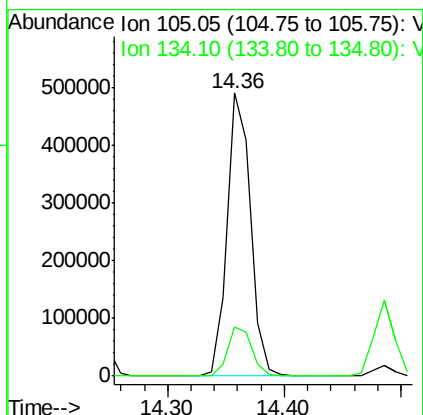
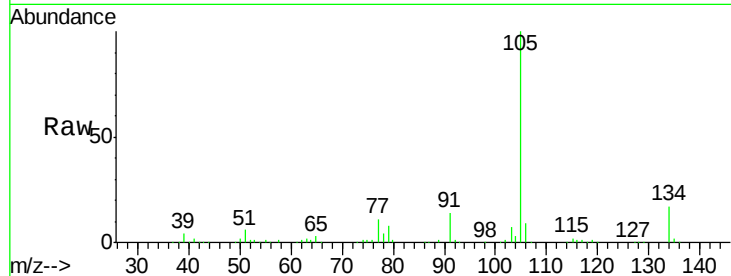




#85  
 sec-Butylbenzene  
 Concen: 23.042 ug/l  
 RT: 14.36 min Scan# 1314  
 Delta R.T. 0.01 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

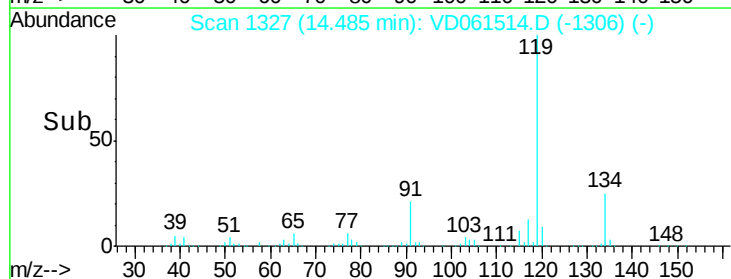
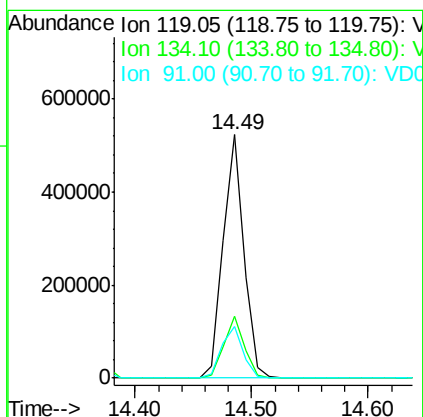
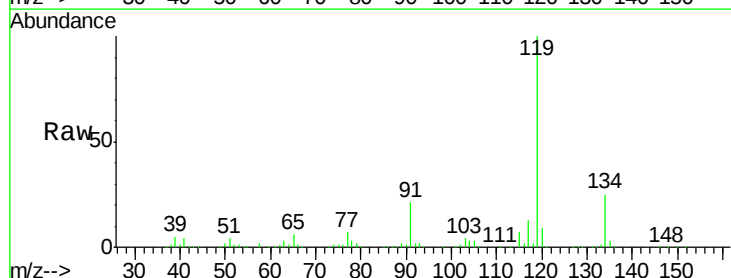
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBS01

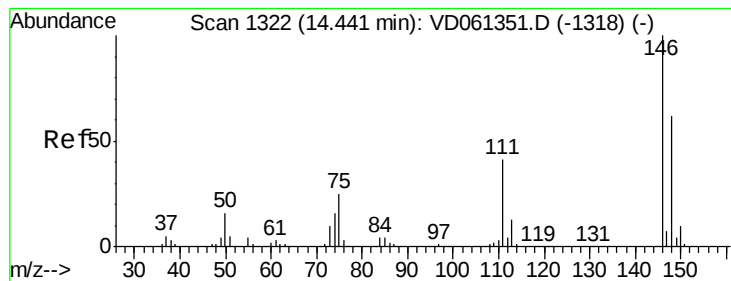
Tot Ion:105 Resp: 683437  
 Ion Ratio Lower Upper  
 105 100  
 134 17.5 8.7 26.1



#86  
 p-Isopropyltoluene  
 Concen: 25.769 ug/l  
 RT: 14.49 min Scan# 1327  
 Delta R.T. 0.01 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

Tgt Ion:119 Resp: 646291  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 12.3 36.8  
 91 21.3 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 23.998 ug/l

RT: 14.45 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

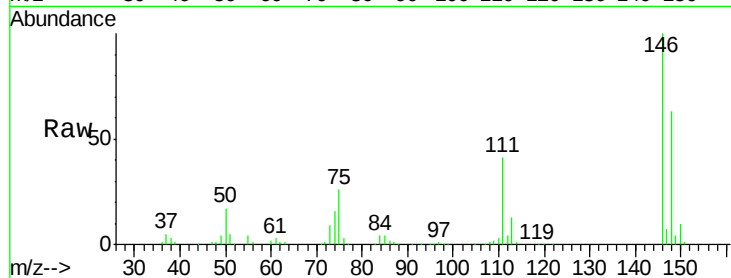
Tot Ion:146 Resp: 346893

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.9

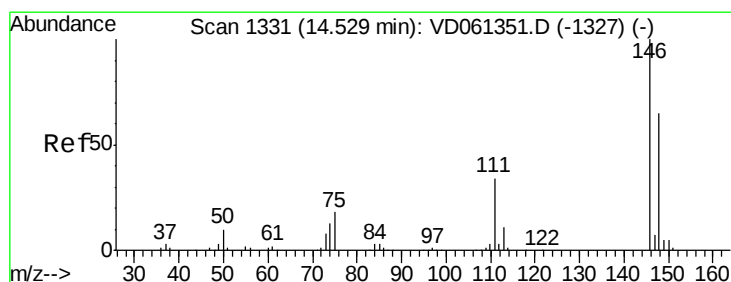
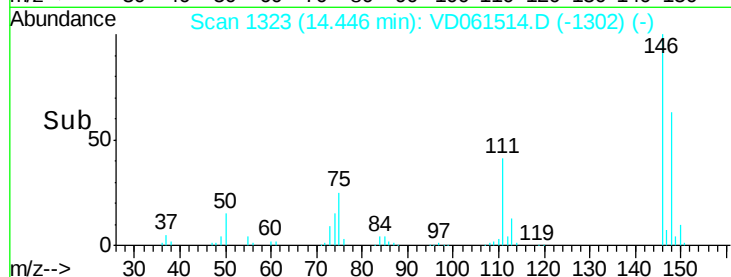
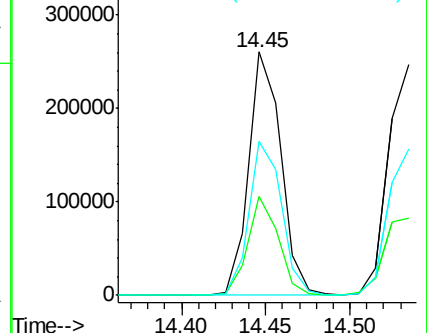
148 63.4 31.1 93.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 23.229 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. 0.01 min

Lab File: VD061514.D

Acq: 2 Apr 2019 15:11

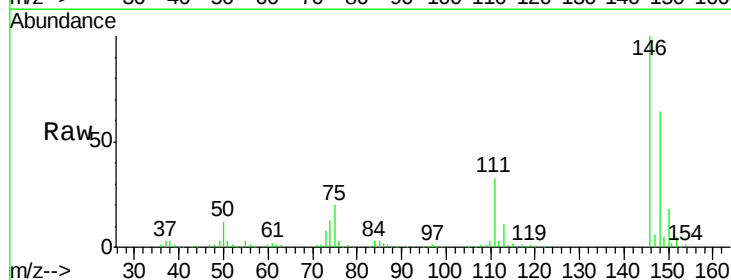
Tgt Ion:146 Resp: 327446

Ion Ratio Lower Upper

146 100

111 33.4 16.8 50.4

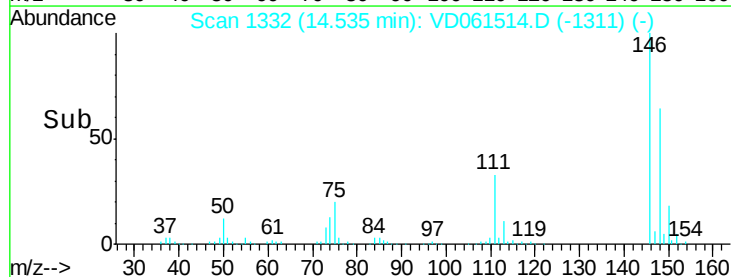
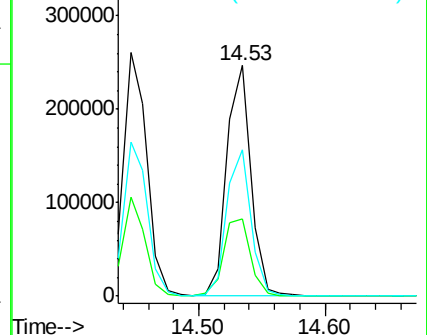
148 63.5 32.6 98.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

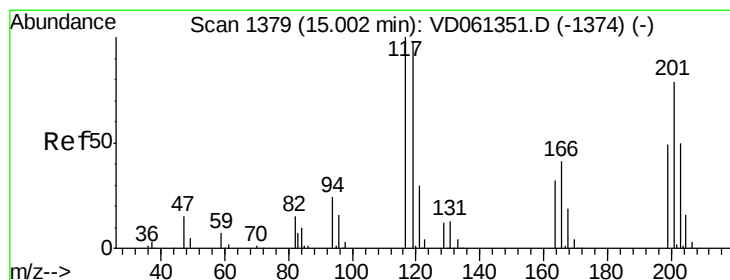
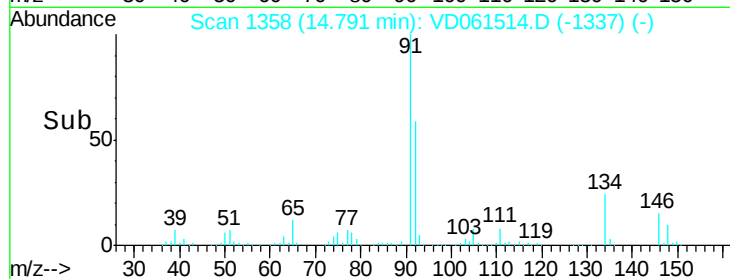
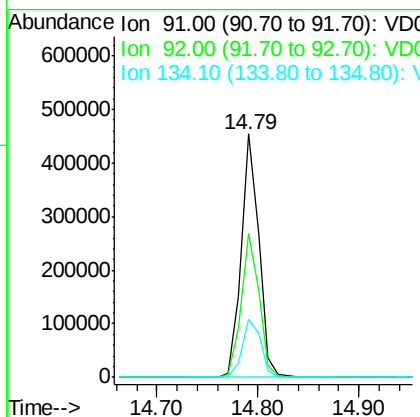
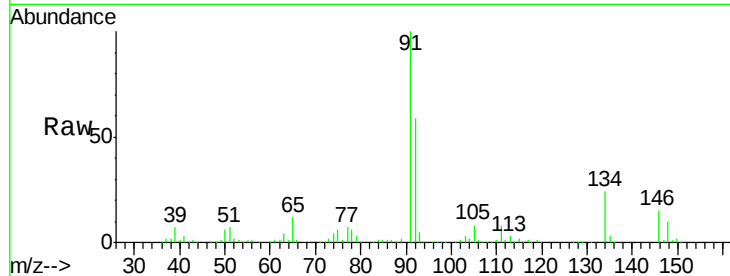




#89  
n-Butylbenzene  
Concen: 23.941 ug/l  
RT: 14.79 min Scan# 1358  
Delta R.T. 0.01 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

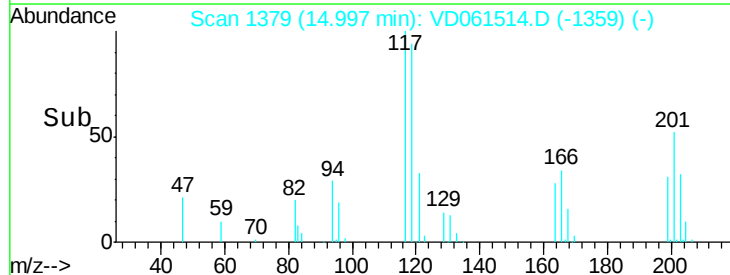
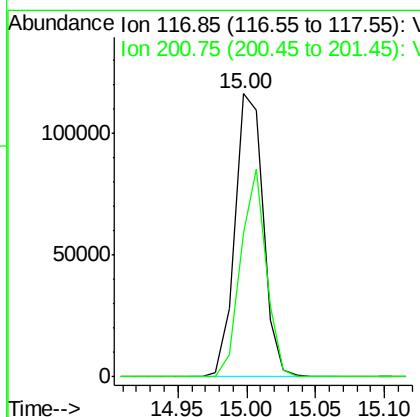
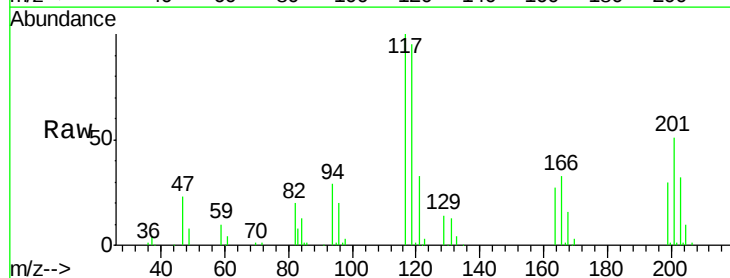
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

Tot Ion: 91 Resp: 551110  
Ion Ratio Lower Upper  
91 100  
92 59.0 30.3 91.0  
134 23.8 12.4 37.0



#90  
Hexachloroethane  
Concen: 23.540 ug/l  
RT: 15.00 min Scan# 1379  
Delta R.T. -0.00 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion: 117 Resp: 166794  
Ion Ratio Lower Upper  
117 100  
201 51.0 39.6 119.0

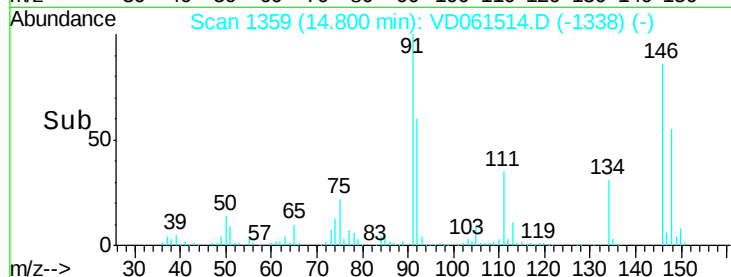
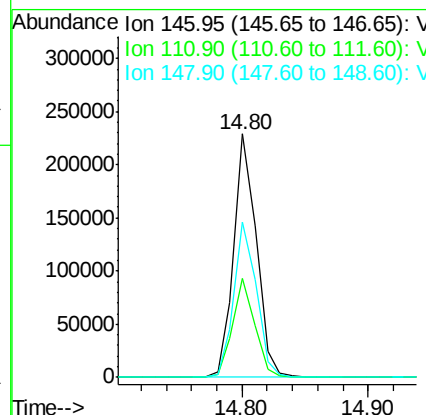
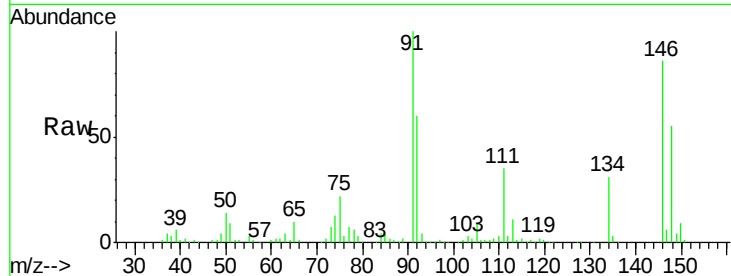




#91  
 1,2-Dichlorobenzene  
 Concen: 23.789 ug/l  
 RT: 14.80 min Scan# 1359  
 Delta R.T. 0.01 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

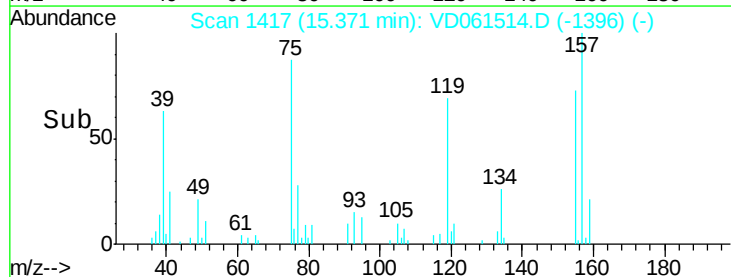
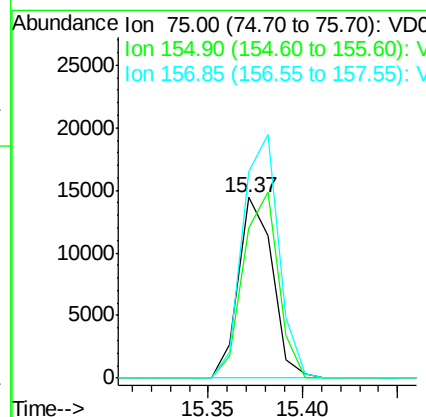
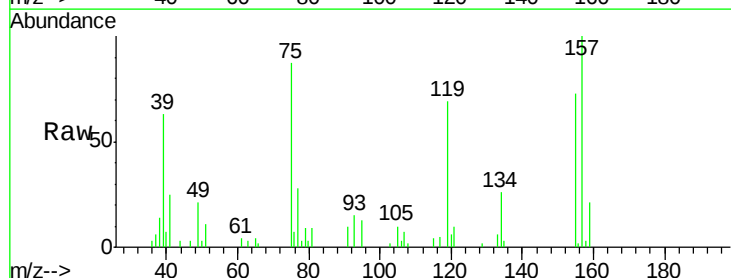
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBS01

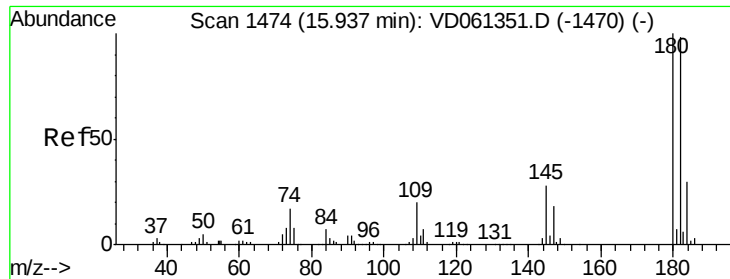
Tot Ion:146 Resp: 282056  
 Ion Ratio Lower Upper  
 146 100  
 111 40.4 21.2 63.6  
 148 63.8 31.6 95.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 25.166 ug/l  
 RT: 15.37 min Scan# 1417  
 Delta R.T. 0.01 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

Tgt Ion: 75 Resp: 17928  
 Ion Ratio Lower Upper  
 75 100  
 155 83.3 43.6 130.9  
 157 114.3 58.5 175.3

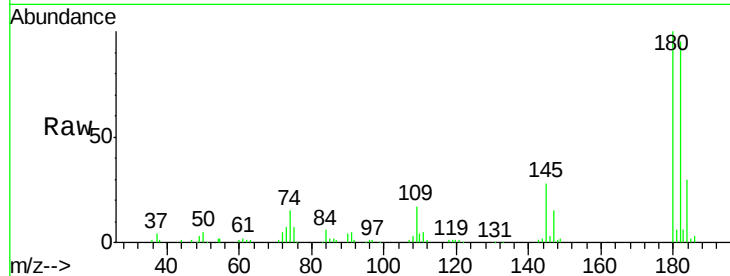




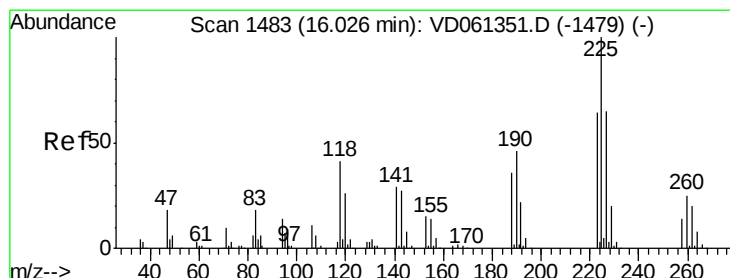
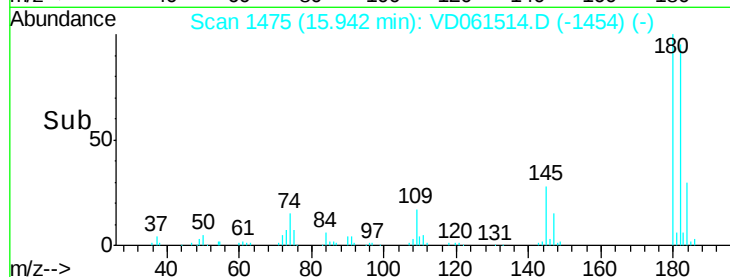
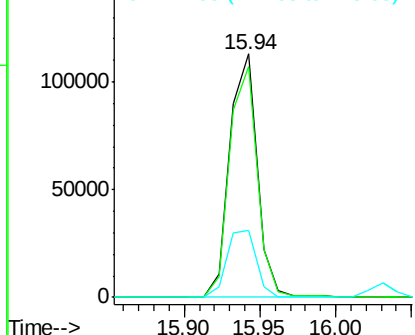
#93  
 1,2,4-Trichlorobenzene  
 Concen: 26.373 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. 0.01 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBS01

Tot Ion:180 Resp: 142444  
 Ion Ratio Lower Upper  
 180 100  
 182 94.8 48.9 146.8  
 145 27.6 14.1 42.3

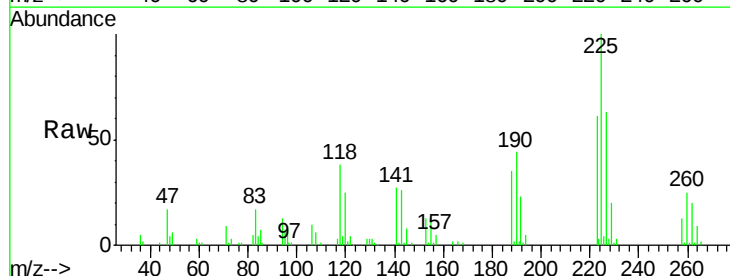


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

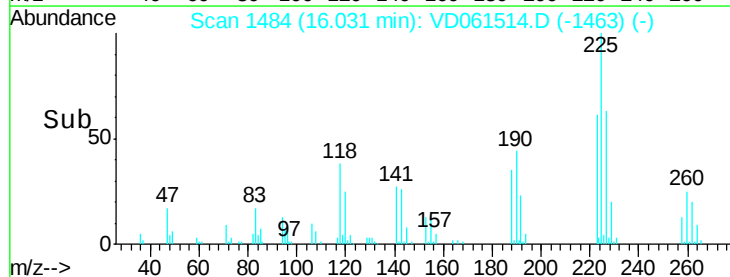
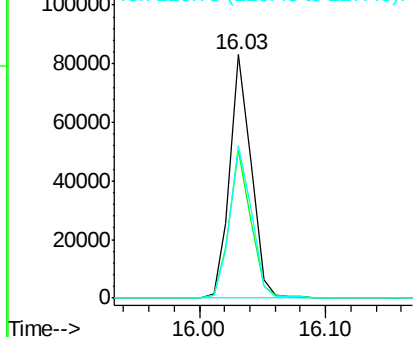


#94  
 Hexachlorobutadiene  
 Concen: 23.116 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. 0.01 min  
 Lab File: VD061514.D  
 Acq: 2 Apr 2019 15:11

Tgt Ion:225 Resp: 97563  
 Ion Ratio Lower Upper  
 225 100  
 223 60.8 32.0 96.0  
 227 62.6 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

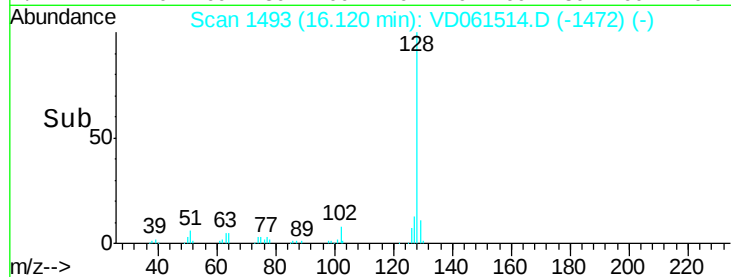
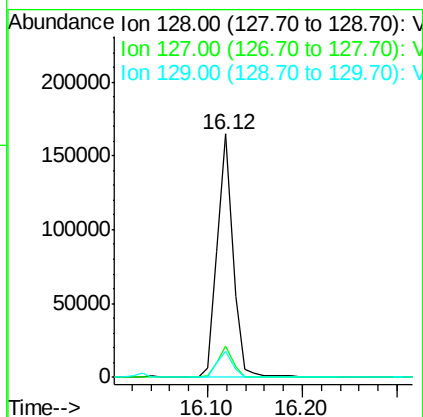
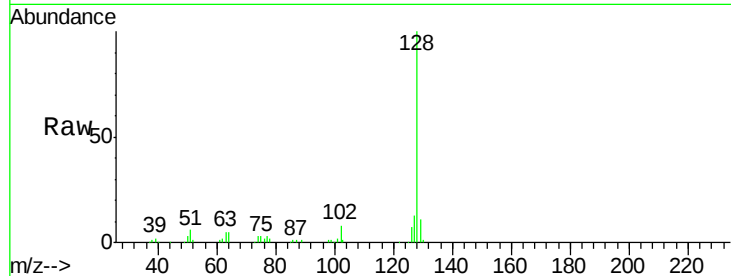




#95  
Naphthalene  
Concen: 23.263 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. 0.01 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

Tot Ion:128 Resp: 191518  
Ion Ratio Lower Upper  
128 100  
127 12.6 9.9 14.9  
129 10.8 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 27.119 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. 0.01 min  
Lab File: VD061514.D  
Acq: 2 Apr 2019 15:11

Tgt Ion:180 Resp: 64455  
Ion Ratio Lower Upper  
180 100  
182 93.0 46.4 139.1  
145 29.1 15.3 45.9

