

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\  
 Data File : VD061515.D  
 Acq On : 2 Apr 2019 15:38  
 Operator : VA/AP  
 Sample : VD0402SBSD01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBSD01

Quant Time: Apr 03 01:51:15 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      | 7.03  | 168  | 655371   | 50.00 | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene    | 8.20  | 114  | 1096125  | 50.00 | ug/l  | 0.01     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 892706   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152  | 430205   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.44  | 65   | 305959   | 54.65 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 109.30% |          |
| 35) Dibromofluoromethane    | 6.90  | 113  | 460628   | 54.99 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 109.98% |          |
| 50) Toluene-d8              | 10.40 | 98   | 1175855  | 58.53 | ug/l    | 0.01     |
| Spiked Amount               |       |      | Recovery | =     | 117.06% |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 416578   | 54.07 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.14% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85   | 150435   | 21.494  | ug/l   | 98     |
| 3) Chloromethane              | 1.76 | 50   | 121009   | 21.199  | ug/l   | 97     |
| 4) Vinyl Chloride             | 1.84 | 62   | 115754   | 22.086  | ug/l   | 94     |
| 5) Bromomethane               | 2.14 | 94   | 19444    | 18.709  | ug/l   | 87     |
| 6) Chloroethane               | 2.25 | 64   | 29647    | 19.289  | ug/l   | 91     |
| 7) Trichlorofluoromethane     | 2.52 | 101  | 149439   | 19.608  | ug/l   | 97     |
| 8) Diethyl Ether              | 2.87 | 74   | 49763    | 20.280  | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101  | 175247   | 21.389  | ug/l   | 96     |
| 10) Methyl Iodide             | 3.29 | 142  | 221254   | 19.997  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 4.05 | 59   | 40803    | 117.030 | ug/l   | 97     |
| 12) 1,1-Dichloroethene        | 3.11 | 96   | 142640   | 20.277  | ug/l   | 98     |
| 13) Acrolein                  | 3.03 | 56   | 25349    | 79.828  | ug/l   | 96     |
| 14) Allyl chloride            | 3.61 | 41   | 205513   | 20.946  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.18 | 53   | 143655   | 118.713 | ug/l   | 96     |
| 16) Acetone                   | 3.21 | 43   | 146695   | 101.930 | ug/l   | 99     |
| 17) Carbon Disulfide          | 3.36 | 76   | 441329   | 19.310  | ug/l   | 97     |
| 18) Methyl Acetate            | 3.63 | 43   | 65948    | 21.794  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether   | 4.23 | 73   | 282420   | 23.193  | ug/l   | 99     |
| 20) Methylene Chloride        | 3.80 | 84   | 187316   | 22.165  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96   | 177315   | 23.347  | ug/l   | 97     |
| 22) Diisopropyl ether         | 5.10 | 45   | 479565   | 23.097  | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.03 | 43   | 1254234  | 111.209 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 4.97 | 63   | 260258   | 21.329  | ug/l   | 97     |
| 25) 2-Butanone                | 6.05 | 43   | 200421   | 110.708 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.01 | 77   | 219715   | 22.651  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 6.02 | 96   | 185946   | 22.346  | ug/l   | 96     |
| 28) Bromochloromethane        | 6.42 | 49   | 109334   | 22.197  | ug/l # | 98     |
| 29) Tetrahydrofuran           | 6.43 | 42   | 104264   | 118.824 | ug/l   | 98     |
| 30) Chloroform                | 6.65 | 83   | 277270   | 21.991  | ug/l   | 99     |
| 31) Cyclohexane               | 6.93 | 56   | 193790   | 20.098  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 6.86 | 97   | 236685   | 21.279  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 7.13 | 75   | 211132   | 22.070  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.17 | 43   | 92713    | 22.660  | ug/l # | 93     |
| 38) Carbon Tetrachloride      | 7.09 | 117  | 234814   | 21.360  | ug/l   | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\  
 Data File : VD061515.D  
 Acq On : 2 Apr 2019 15:38  
 Operator : VA/AP  
 Sample : VD0402SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0402SBS01

Quant Time: Apr 03 01:51:15 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          | 8.84  | 83   | 221617   | 22.243  | ug/l  | 99       |
| 40) Benzene                    | 7.44  | 78   | 537532   | 22.388  | ug/l  | 98       |
| 41) Methacrylonitrile          | 6.43  | 41   | 115083   | 24.056  | ug/l  | 96       |
| 42) 1,2-Dichloroethane         | 7.55  | 62   | 161265   | 22.454  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 9.23  | 43   | 129166   | 21.698  | ug/l  | 99       |
| 44) Trichloroethene            | 8.53  | 130  | 200634   | 22.454  | ug/l  | 94       |
| 45) 1,2-Dichloropropane        | 8.92  | 63   | 128698   | 21.139  | ug/l  | 99       |
| 46) Dibromomethane             | 9.05  | 93   | 93423    | 22.798  | ug/l  | 98       |
| 47) Bromodichloromethane       | 9.36  | 83   | 205208   | 22.312  | ug/l  | 100      |
| 48) Methyl methacrylate        | 9.10  | 41   | 71537    | 21.774  | ug/l  | 97       |
| 49) 1,4-Dioxane                | 9.06  | 88   | 17720    | 488.997 | ug/l  | 89       |
| 51) 4-Methyl-2-Pentanone       | 10.28 | 43   | 413601   | 114.199 | ug/l  | 98       |
| 52) Toluene                    | 10.50 | 92   | 333888   | 22.794  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 10.90 | 75   | 200942   | 24.047  | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 10.03 | 75   | 233047   | 22.904  | ug/l  | 96       |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 115959   | 22.637  | ug/l  | 94       |
| 56) Ethyl methacrylate         | 11.03 | 69   | 117322   | 21.319  | ug/l  | 97       |
| 57) 1,3-Dichloropropane        | 11.39 | 76   | 174652   | 23.196  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.84  | 63   | 332862   | 124.203 | ug/l  | 99       |
| 59) 2-Hexanone                 | 11.52 | 43   | 310643   | 118.382 | ug/l  | 97       |
| 60) Dibromochloromethane       | 11.67 | 129  | 174194   | 22.058  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 11.79 | 107  | 131082   | 22.098  | ug/l  | 98       |
| 64) Tetrachloroethene          | 11.25 | 164  | 144934   | 20.687  | ug/l  | 98       |
| 65) Chlorobenzene              | 12.39 | 112  | 416895   | 22.851  | ug/l  | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 164130   | 23.235  | ug/l  | 97       |
| 67) Ethyl Benzene              | 12.52 | 91   | 620759   | 22.292  | ug/l  | 98       |
| 68) m/p-Xylenes                | 12.65 | 106  | 470475   | 44.601  | ug/l  | 93       |
| 69) o-Xylene                   | 13.04 | 106  | 230087   | 22.477  | ug/l  | 100      |
| 70) Styrene                    | 13.06 | 104  | 385820   | 21.621  | ug/l  | 95       |
| 71) Bromoform                  | 13.22 | 173  | 93479    | 20.876  | ug/l  | 97       |
| 73) Isopropylbenzene           | 13.39 | 105  | 676595   | 22.597  | ug/l  | 99       |
| 74) N-amyl acetate             | 13.25 | 43   | 162428   | 19.474  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.69 | 83   | 133509   | 21.137  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 118394   | 19.052  | ug/l  | 97       |
| 77) Bromobenzene               | 13.66 | 156  | 182787   | 20.592  | ug/l  | 91       |
| 78) n-propylbenzene            | 13.77 | 91   | 744001   | 20.305  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 13.83 | 91   | 423556   | 21.289  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 13.92 | 105  | 546762   | 23.535  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 13.46 | 75   | 40164    | 21.197  | ug/l  | 98       |
| 82) 4-Chlorotoluene            | 13.93 | 91   | 521520   | 24.107  | ug/l  | 86       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 597029   | 20.564  | ug/l  | 97       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 527104   | 20.958  | ug/l  | 98       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 610502   | 19.794  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 14.48 | 119  | 606835   | 23.268  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 303193   | 20.171  | ug/l  | 98       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 320444   | 21.860  | ug/l  | 98       |
| 89) n-Butylbenzene             | 14.79 | 91   | 535820   | 22.384  | ug/l  | 100      |
| 90) Hexachloroethane           | 15.00 | 117  | 158336   | 21.489  | ug/l  | 71       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 270715   | 21.957  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 15844    | 21.388  | ug/l  | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\  
Data File : VD061515.D  
Acq On : 2 Apr 2019 15:38  
Operator : VA/AP  
Sample : VD0402SBSD01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

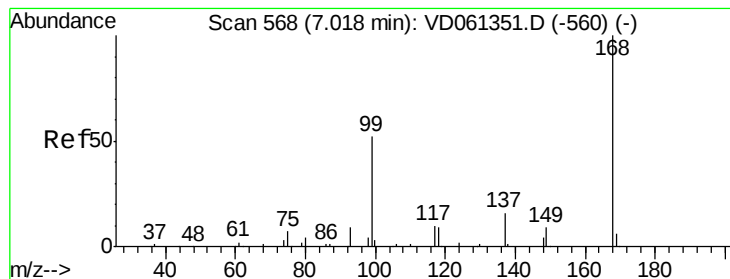
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBSD01

Quant Time: Apr 03 01:51:15 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  | 145812   | 25.961 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 105270   | 23.986 | ug/l  | 97       |
| 95) Naphthalene            | 16.12 | 128  | 203729   | 23.797 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 71515    | 28.936 | ug/l  | 95       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

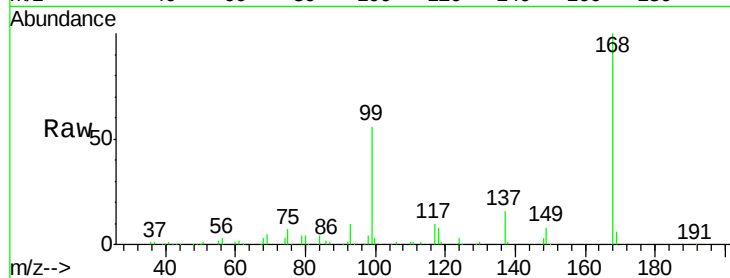
VD0402SBSD01

Tot Ion:168 Resp: 655371

Ion Ratio Lower Upper

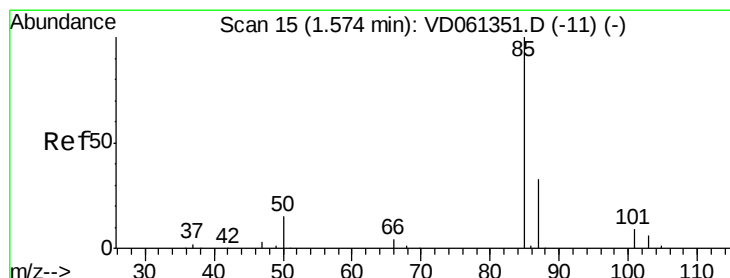
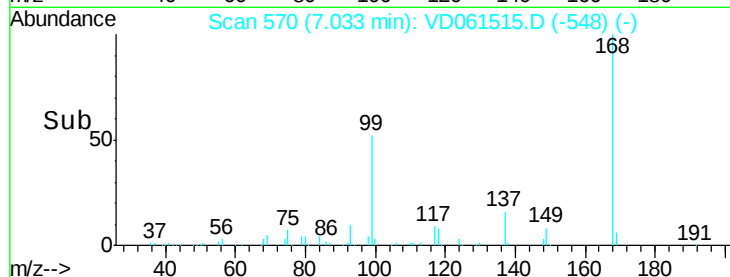
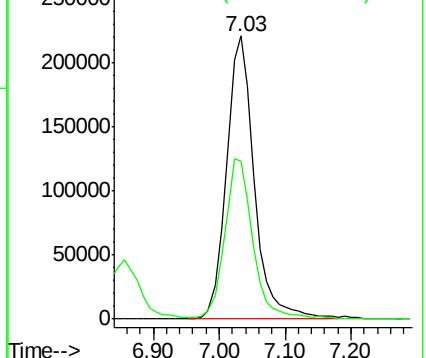
168 100

99 55.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 21.494 ug/l

RT: 1.58 min Scan# 16

Delta R.T. 0.00 min

Lab File: VD061515.D

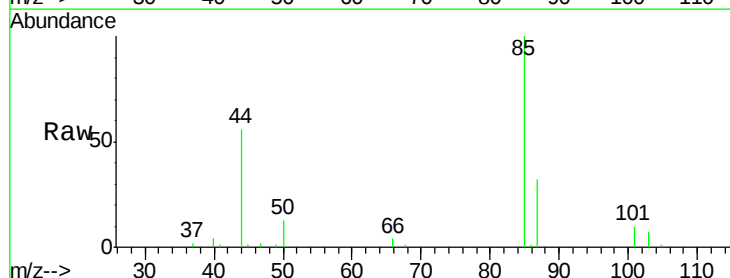
Acq: 2 Apr 2019 15:38

Tgt Ion: 85 Resp: 150435

Ion Ratio Lower Upper

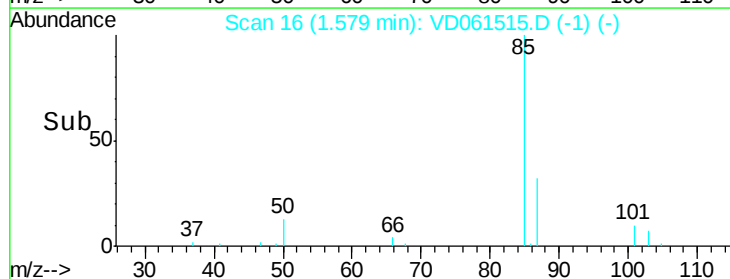
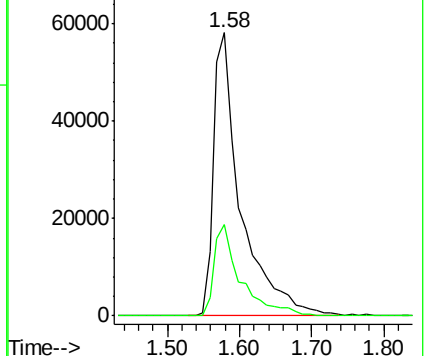
85 100

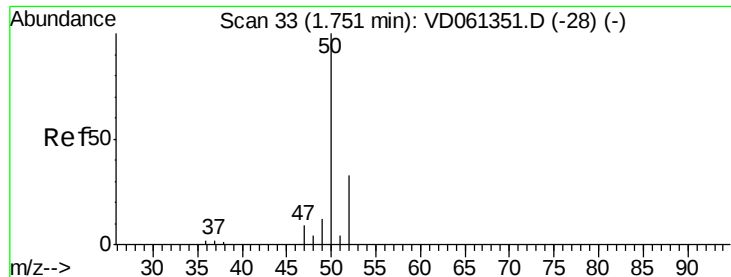
87 32.1 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.199 ug/l

RT: 1.76 min Scan# 34

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

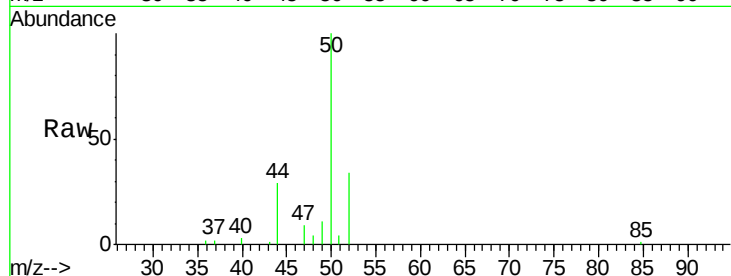
VD0402SBSD01

Tot Ion: 50 Resp: 121009

Ion Ratio Lower Upper

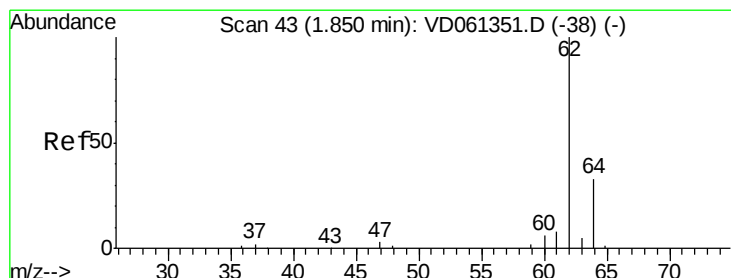
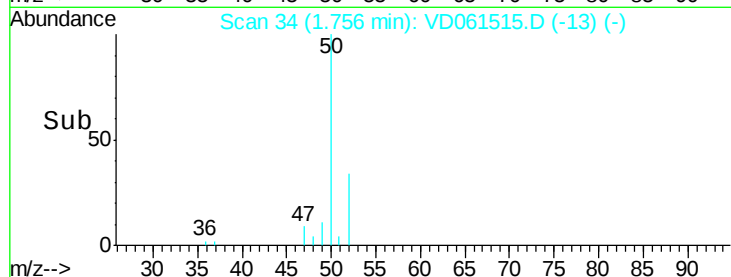
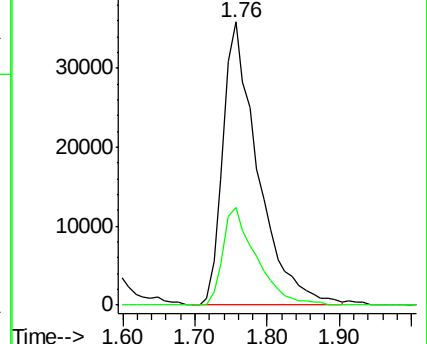
50 100

52 34.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 22.086 ug/l

RT: 1.84 min Scan# 43

Delta R.T. -0.01 min

Lab File: VD061515.D

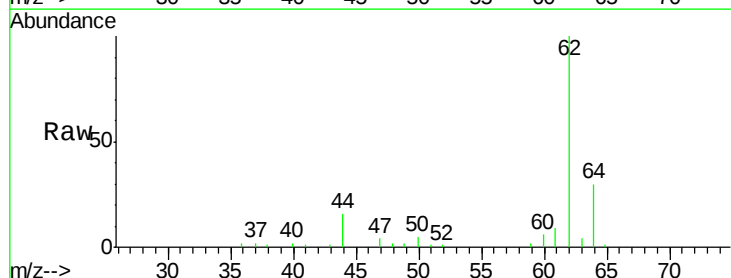
Acq: 2 Apr 2019 15:38

Tgt Ion: 62 Resp: 115754

Ion Ratio Lower Upper

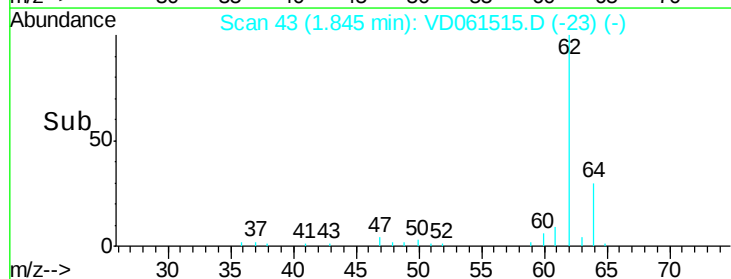
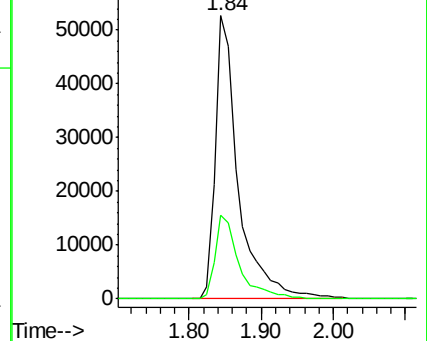
62 100

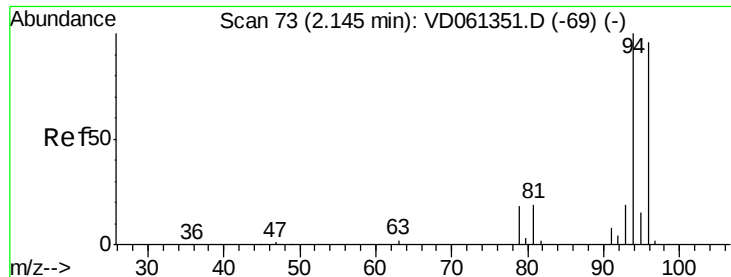
64 29.7 26.6 39.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 18.709 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBSD01

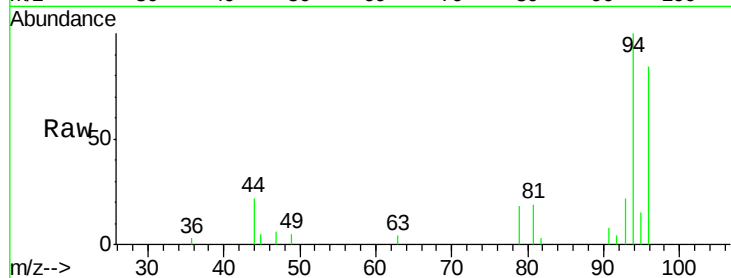
Tot Ion: 94 Resp: 19444

Ion Ratio Lower Upper

94 100

96 83.6 78.3 117.5

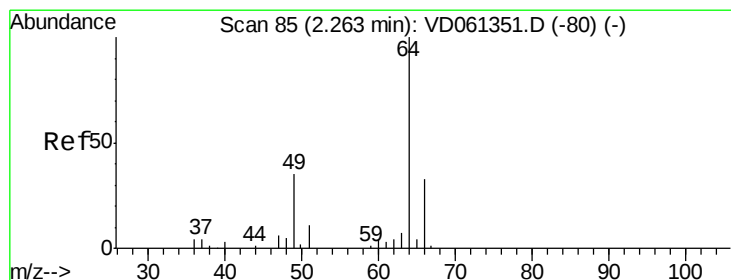
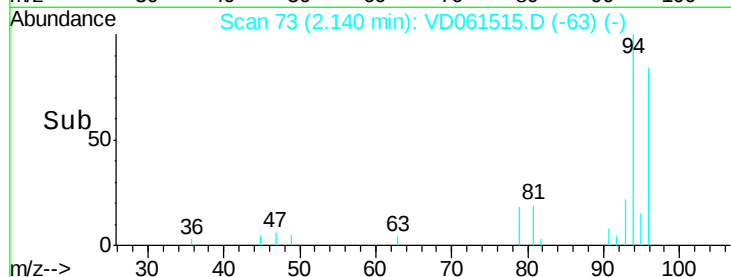
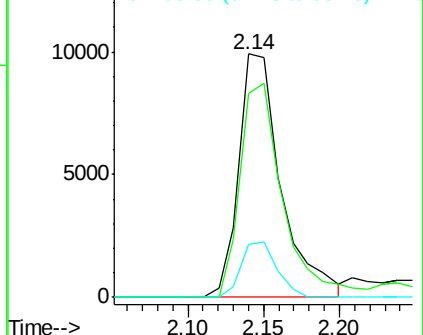
93 21.8 15.6 23.4



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: 19.289 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD061515.D

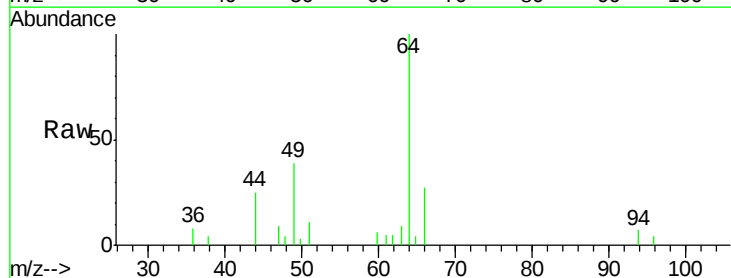
Acq: 2 Apr 2019 15:38

Tgt Ion: 64 Resp: 29647

Ion Ratio Lower Upper

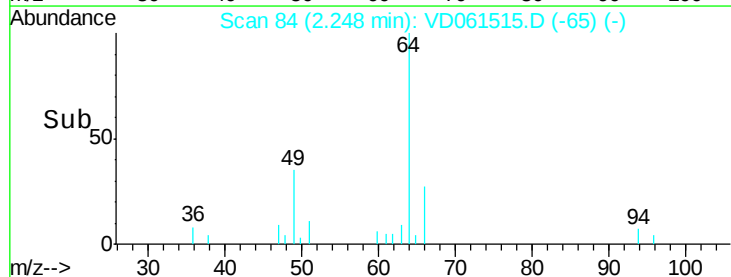
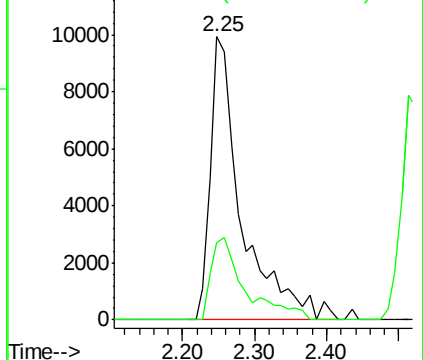
64 100

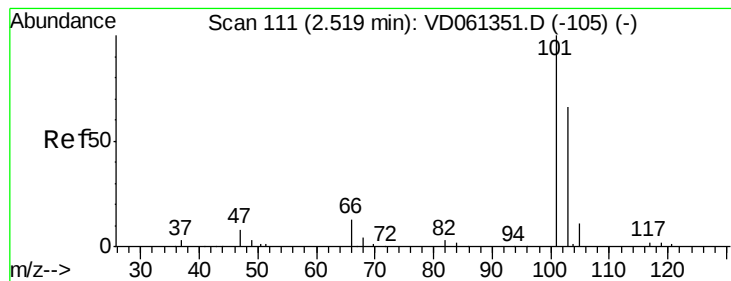
66 27.4 26.2 39.2



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



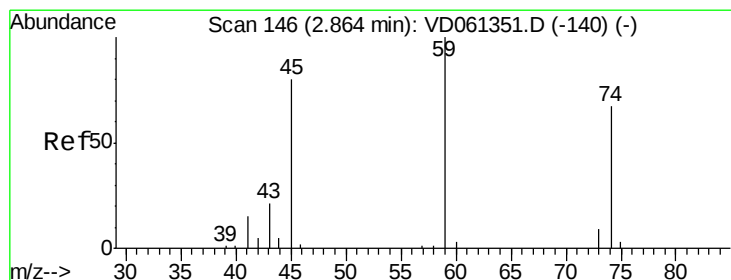
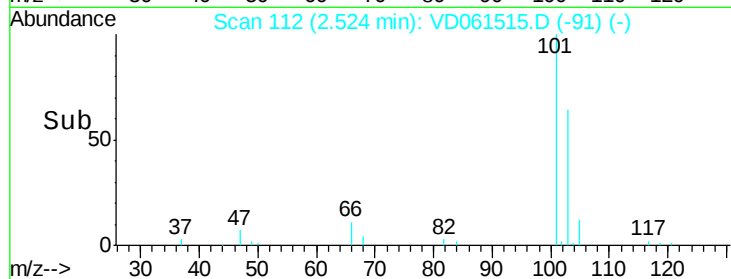
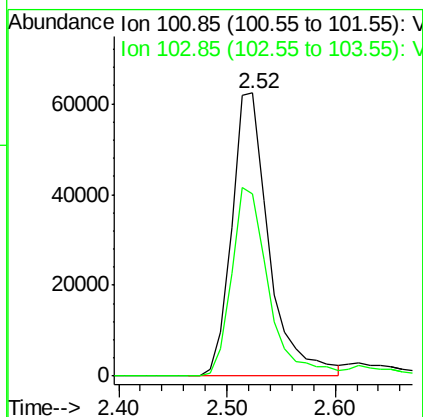
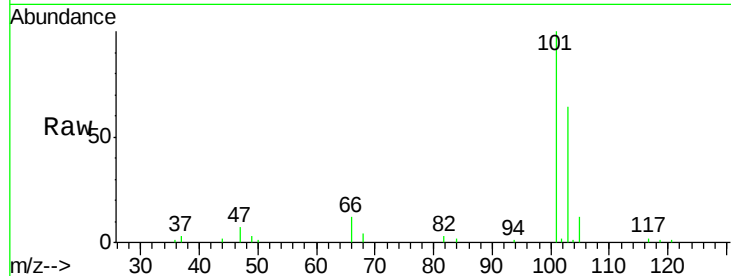


#7

Trichlorofluoromethane  
 Concen: 19.608 ug/l  
 RT: 2.52 min Scan# 112  
 Delta R.T. 0.00 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBSD01

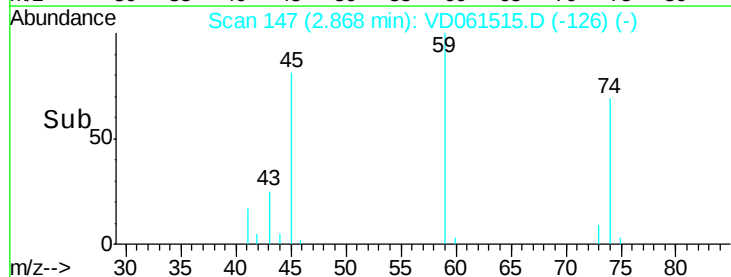
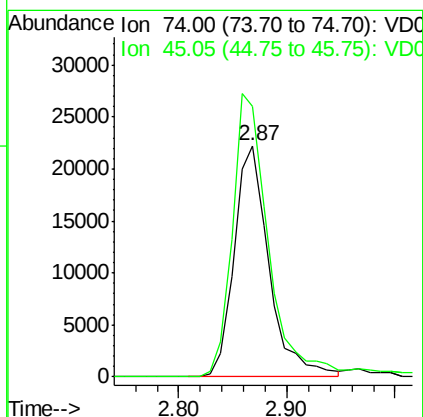
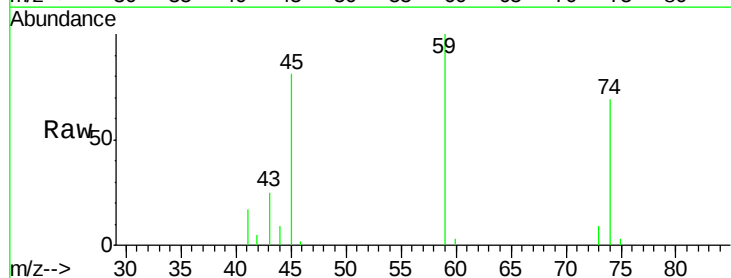
Tot Ion:101 Resp: 149439  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 53.1 79.7



#8

Diethyl Ether  
 Concen: 20.280 ug/l  
 RT: 2.87 min Scan# 147  
 Delta R.T. 0.00 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Tgt Ion: 74 Resp: 49763  
 Ion Ratio Lower Upper  
 74 100  
 45 116.9 59.7 179.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.389 ug/l

RT: 3.14 min Scan# 175

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBSD01

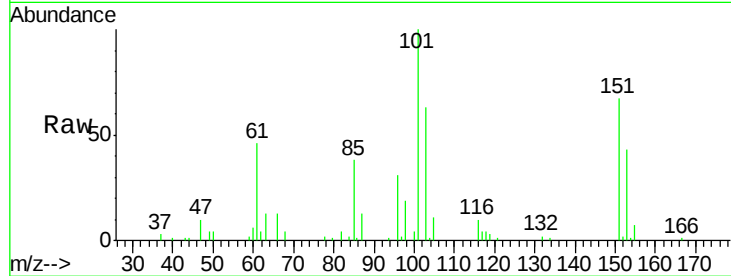
Tot Ion:101 Resp: 175247

Ion Ratio Lower Upper

101 100

85 38.3 29.4 44.0

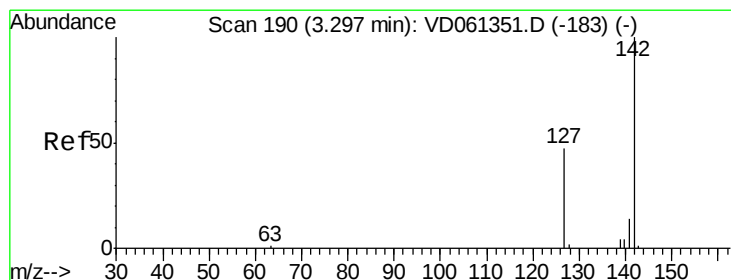
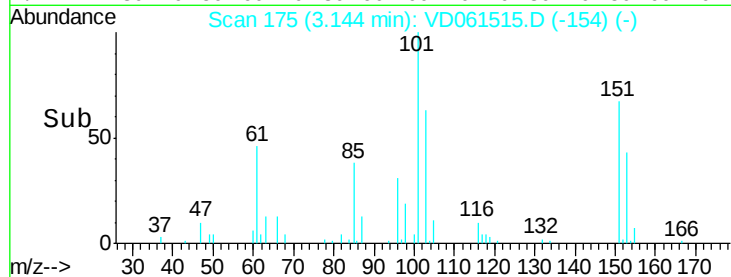
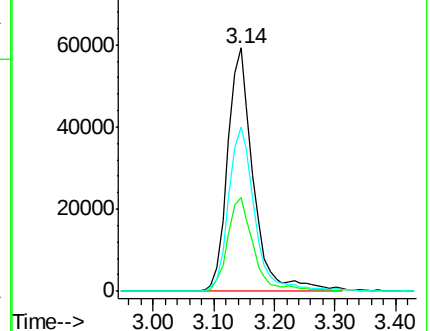
151 67.4 57.0 85.4



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: 19.997 ug/l

RT: 3.29 min Scan# 190

Delta R.T. -0.01 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

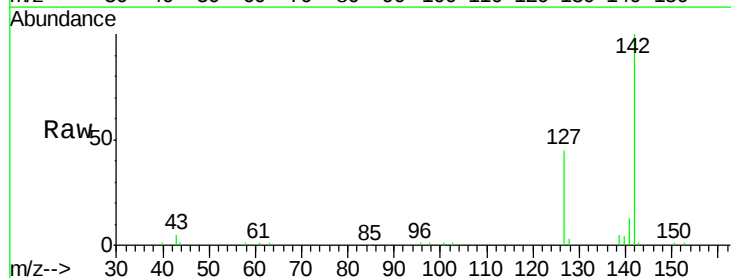
Tgt Ion:142 Resp: 221254

Ion Ratio Lower Upper

142 100

127 45.2 37.7 56.5

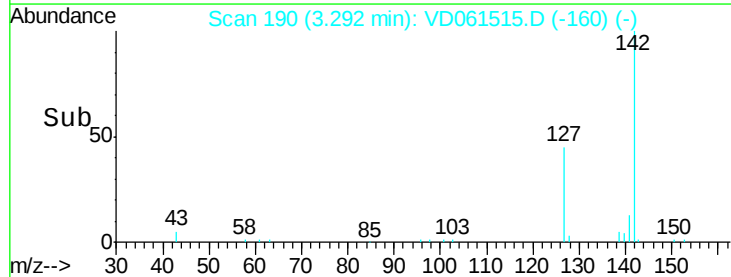
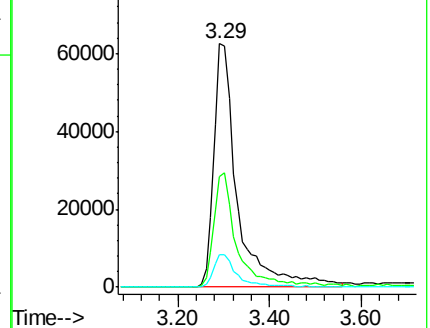
141 13.3 11.5 17.3

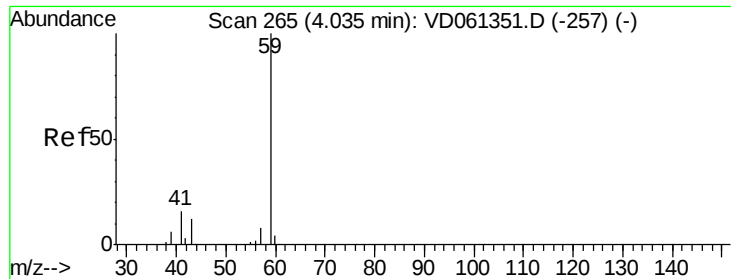


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

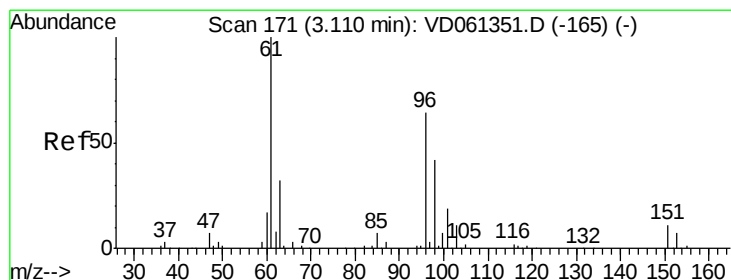
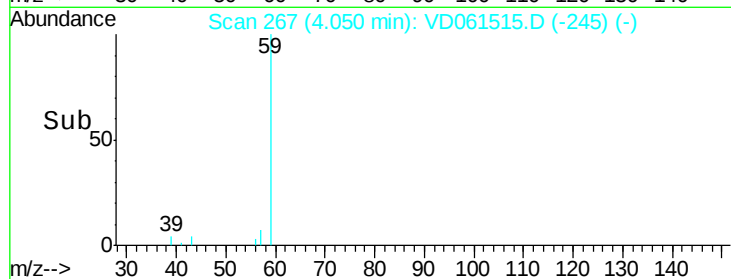
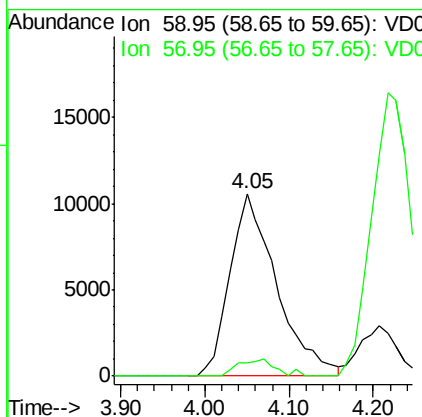
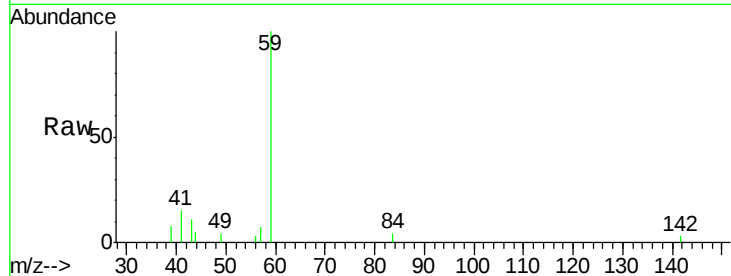




#11  
Tert butyl alcohol  
Concen: 117.030 ug/l  
RT: 4.05 min Scan# 267  
Delta R.T. 0.01 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

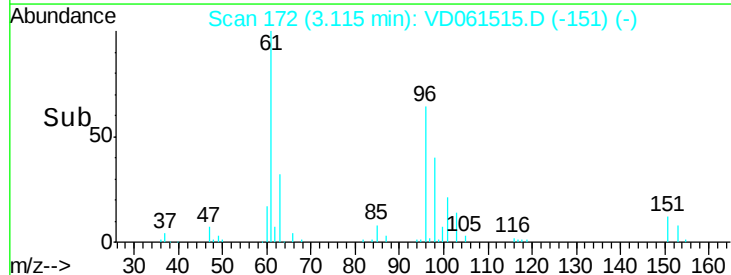
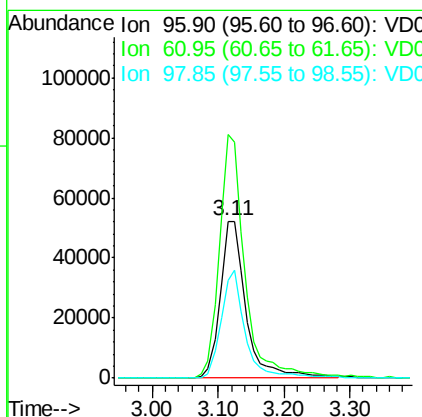
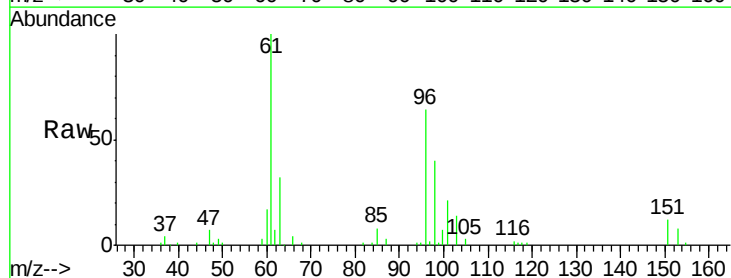
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBSD01

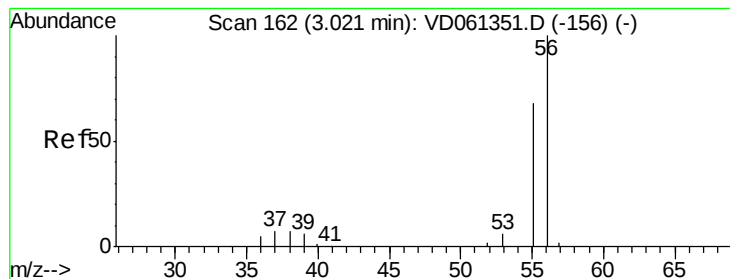
Tot Ion: 59 Resp: 40803  
Ion Ratio Lower Upper  
59 100  
57 7.4 6.7 10.1



#12  
1,1-Dichloroethene  
Concen: 20.277 ug/l  
RT: 3.11 min Scan# 172  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion: 96 Resp: 142640  
Ion Ratio Lower Upper  
96 100  
61 155.3 124.9 187.3  
98 62.4 52.5 78.7





#13

Acrolein

Concen: 79.828 ug/l

RT: 3.03 min Scan# 163

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

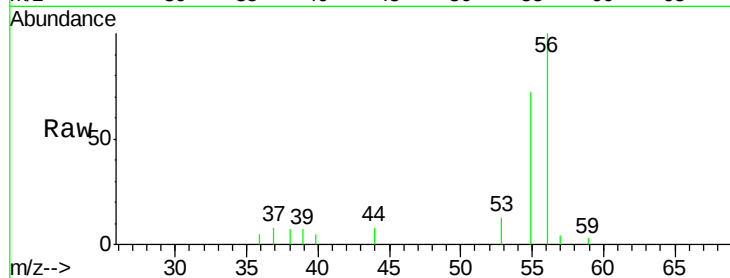
VD0402SBS01

Tot Ion: 56 Resp: 25349

Ion Ratio Lower Upper

56 100

55 71.7 54.6 82.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

10000

8000

6000

4000

2000

0

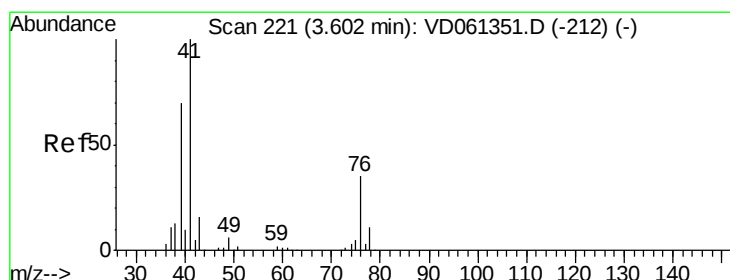
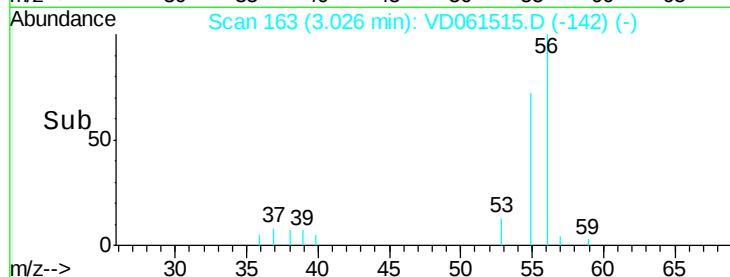
Time-->

2.90

3.00

3.10

3.20



#14

Allyl chloride

Concen: 20.946 ug/l

RT: 3.61 min Scan# 222

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

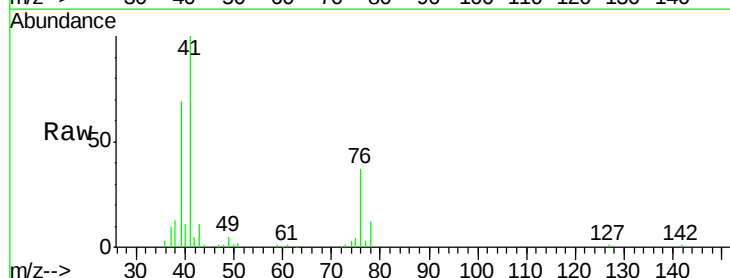
Tgt Ion: 41 Resp: 205513

Ion Ratio Lower Upper

41 100

39 68.9 55.6 83.4

76 36.7 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

80000

60000

40000

20000

0

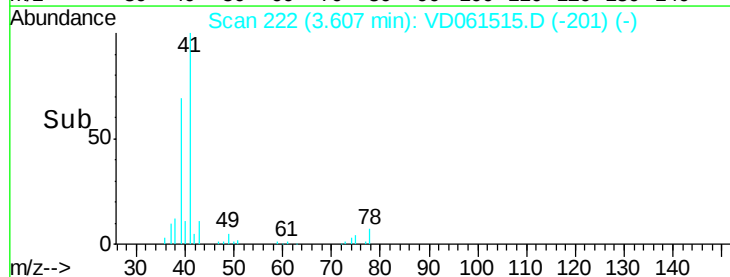
Time-->

3.50

3.60

3.70

3.80





#15

Acrylonitrile

Concen: 118.713 ug/l

RT: 4.18 min Scan# 280

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBSD01

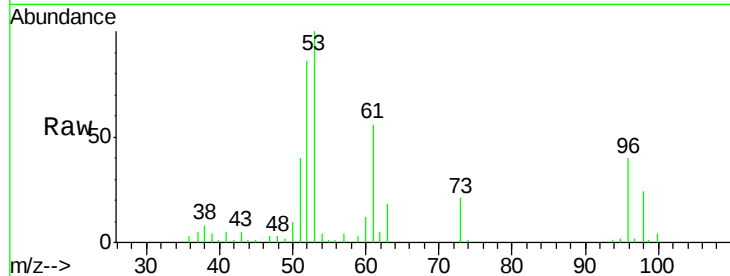
Tot Ion: 53 Resp: 143655

Ion Ratio Lower Upper

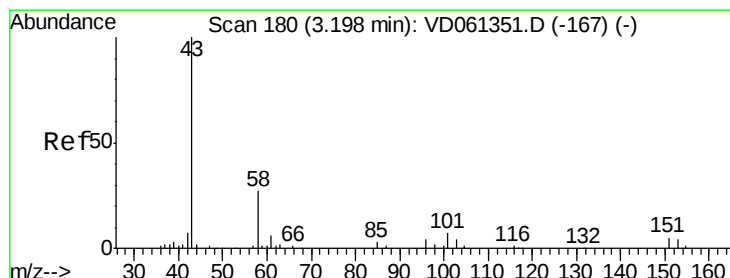
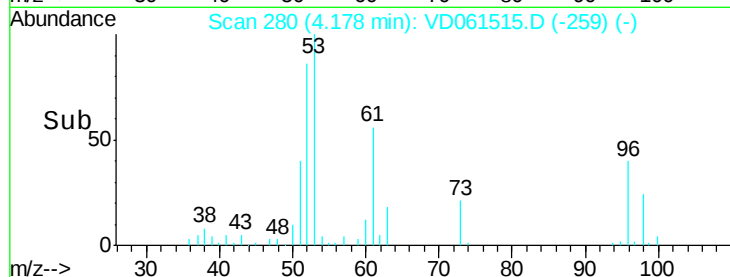
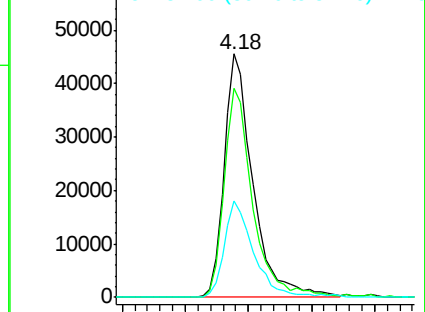
53 100

52 86.0 64.8 97.2

51 39.7 31.4 47.2



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



#16

Acetone

Concen: 101.930 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061515.D

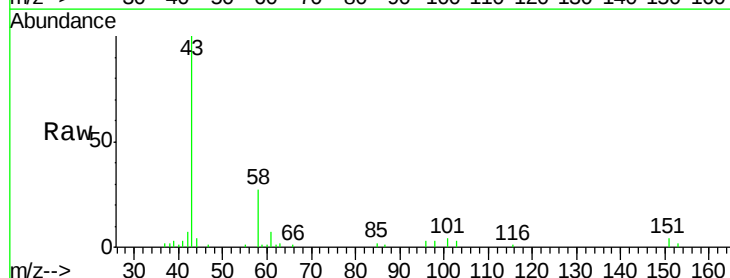
Acq: 2 Apr 2019 15:38

Tgt Ion: 43 Resp: 146695

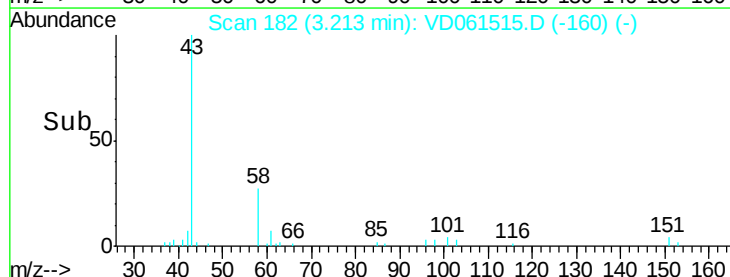
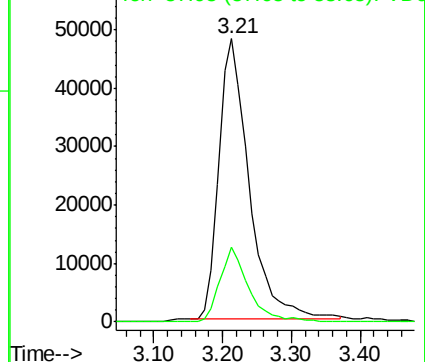
Ion Ratio Lower Upper

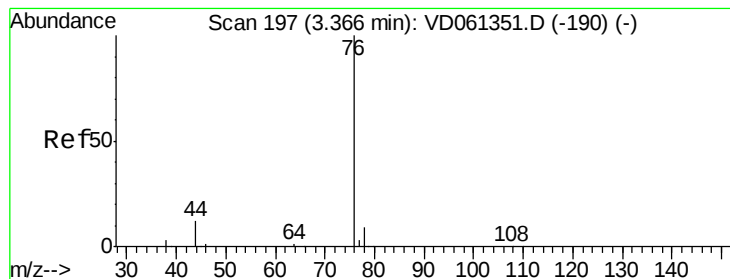
43 100

58 26.6 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: 19.310 ug/l

RT: 3.36 min Scan# 197

Delta R.T. -0.01 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

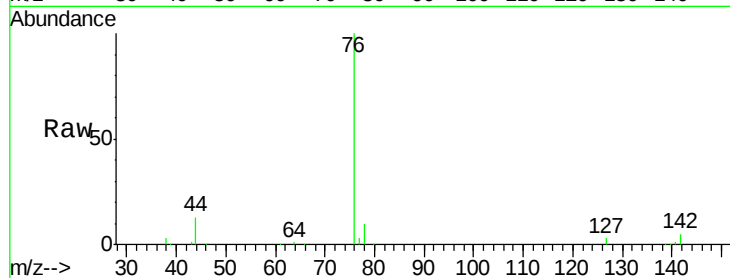
VD0402SBSD01

Tot Ion: 76 Resp: 441329

Ion Ratio Lower Upper

76 100

78 9.9 7.1 10.7



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.36

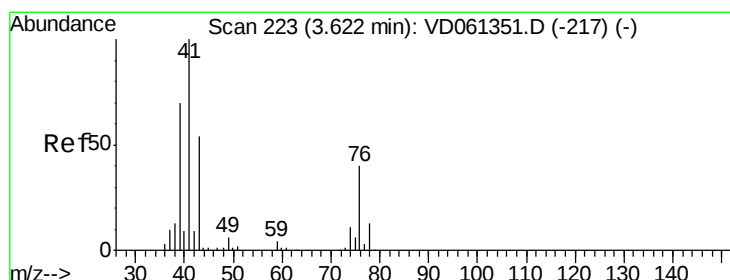
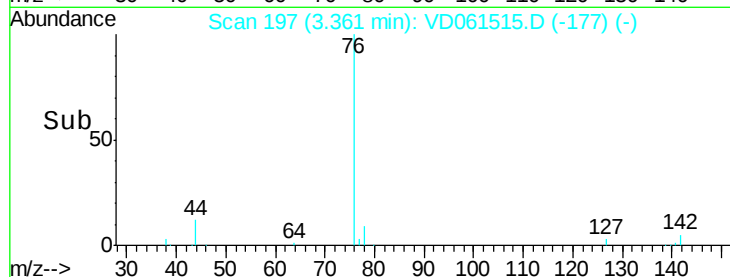
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 21.794 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.00 min

Lab File: VD061515.D

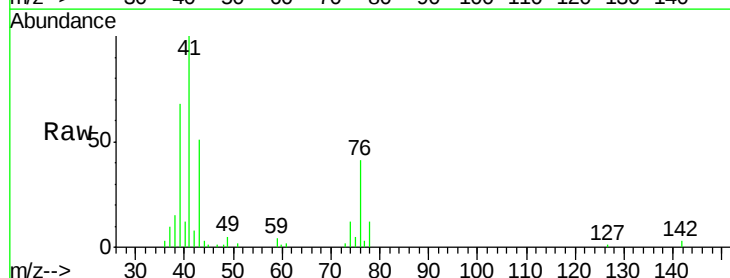
Acq: 2 Apr 2019 15:38

Tgt Ion: 43 Resp: 65948

Ion Ratio Lower Upper

43 100

74 23.8 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.63

25000

20000

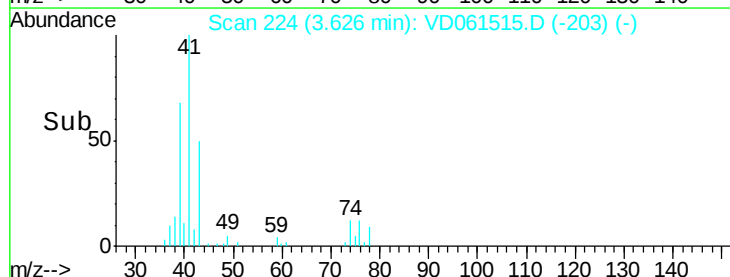
15000

10000

5000

0

Time-->

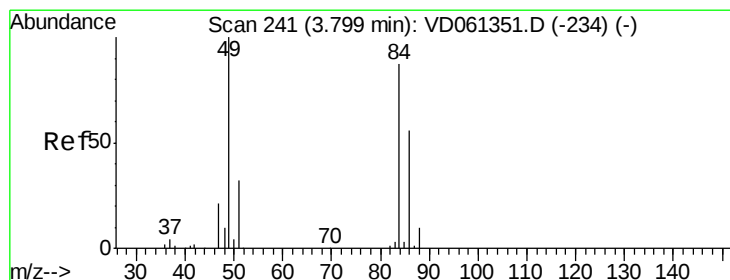
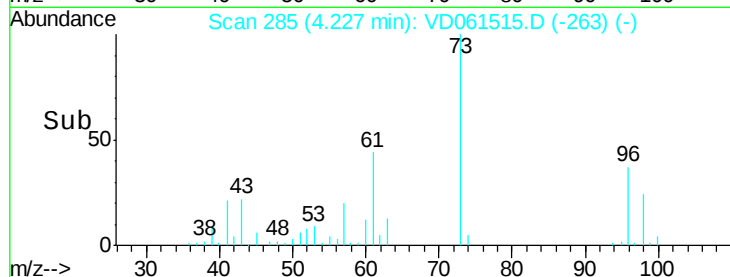
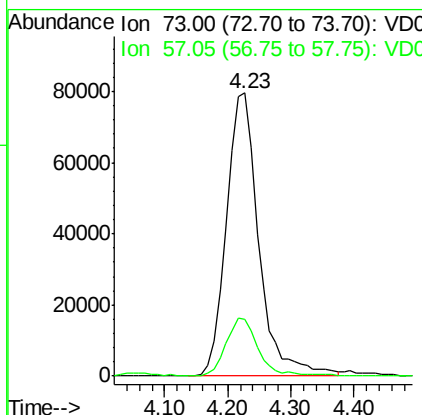
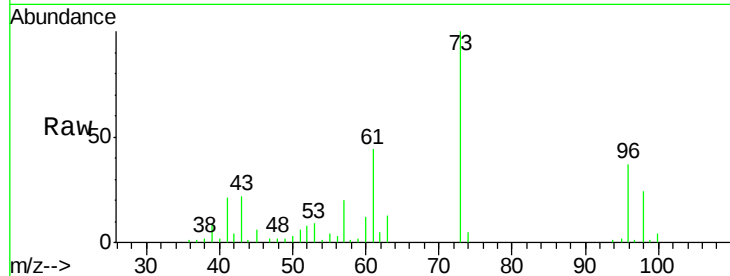




#19  
Methyl tert-butyl Ether  
Concen: 23.193 ug/l  
RT: 4.23 min Scan# 285  
Delta R.T. 0.01 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

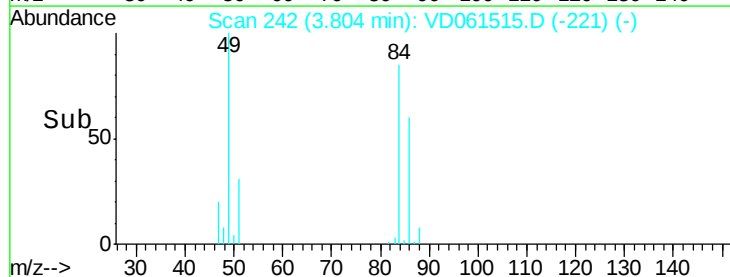
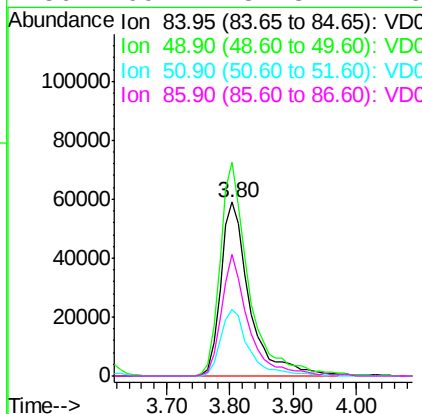
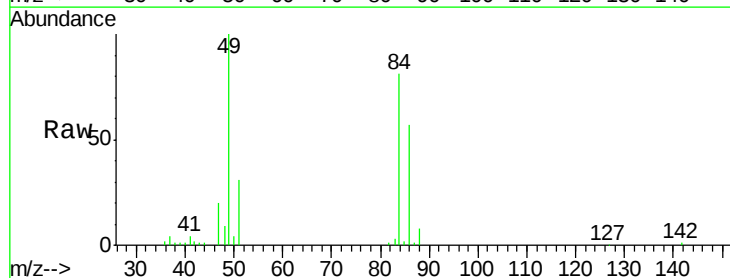
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

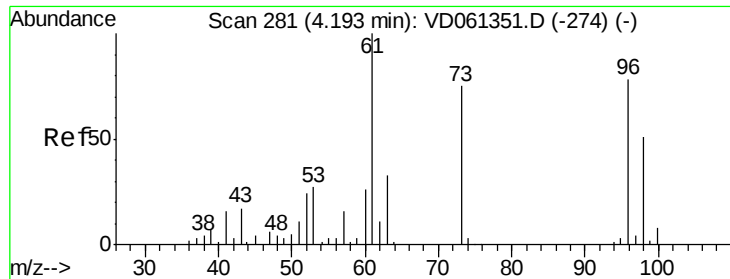
Tot Ion: 73 Resp: 282420  
Ion Ratio Lower Upper  
73 100  
57 20.1 16.4 24.6



#20  
Methylene Chloride  
Concen: 22.165 ug/l  
RT: 3.80 min Scan# 242  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion: 84 Resp: 187316  
Ion Ratio Lower Upper  
84 100  
49 122.8 91.8 137.8  
51 38.1 29.8 44.8  
86 69.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 23.347 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.01 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBSD01

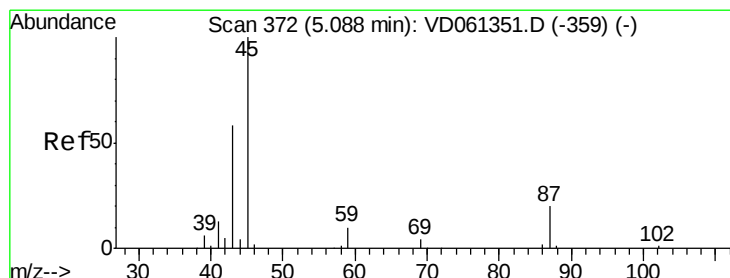
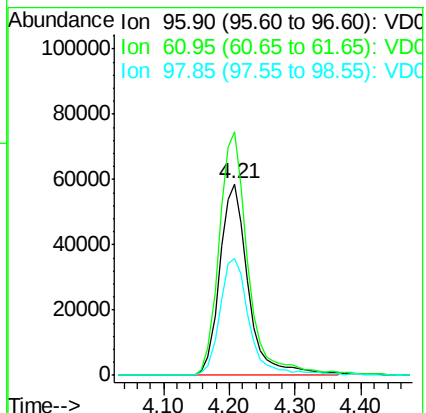
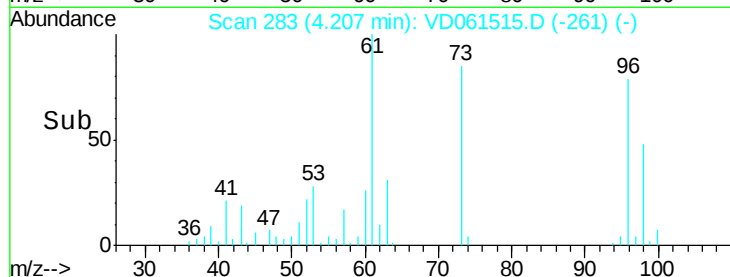
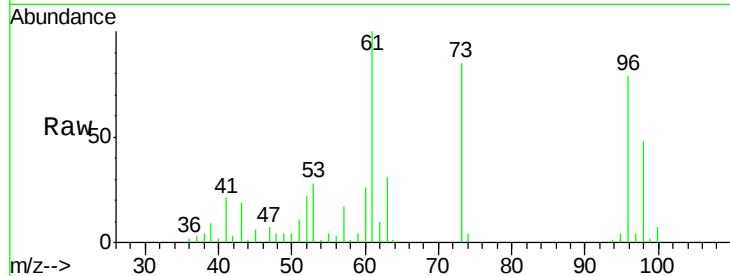
Tot Ion: 96 Resp: 177315

Ion Ratio Lower Upper

96 100

61 127.2 102.7 154.1

98 60.9 52.2 78.4



#22

Diisopropyl ether

Concen: 23.097 ug/l

RT: 5.10 min Scan# 374

Delta R.T. 0.01 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Tgt Ion: 45 Resp: 479565

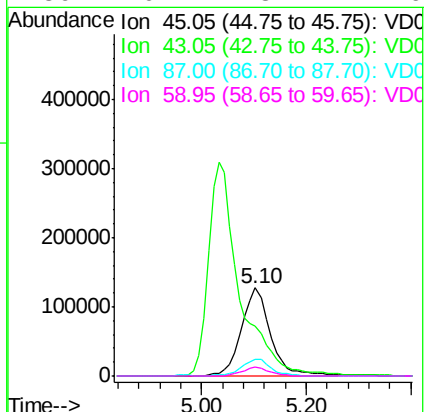
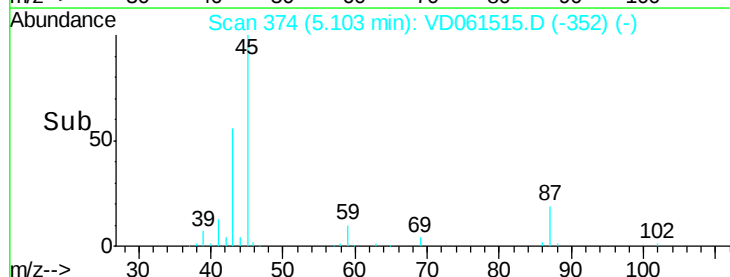
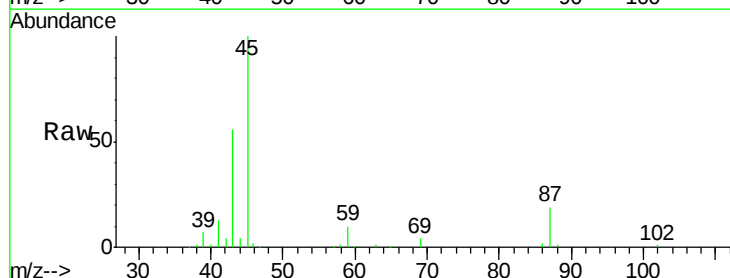
Ion Ratio Lower Upper

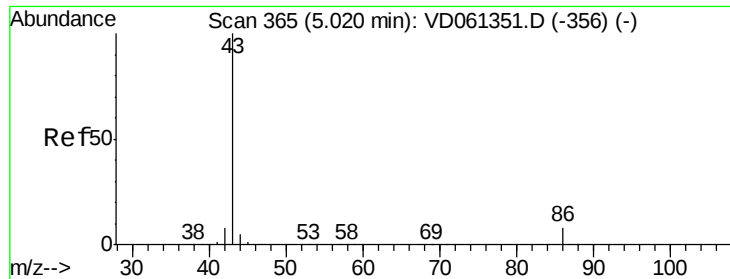
45 100

43 56.1 47.4 71.2

87 19.4 16.3 24.5

59 10.2 8.4 12.6





#23

Vinyl Acetate

Concen: 111.209 ug/l

RT: 5.03 min Scan# 367

Delta R.T. 0.01 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

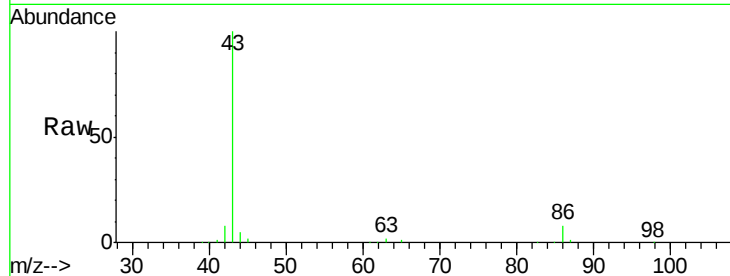
VD0402SBSD01

Tot Ion: 43 Resp: 1254234

Ion Ratio Lower Upper

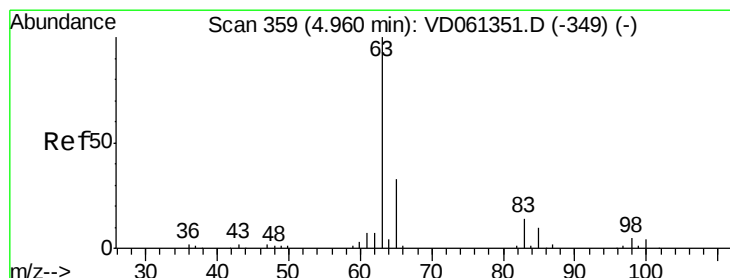
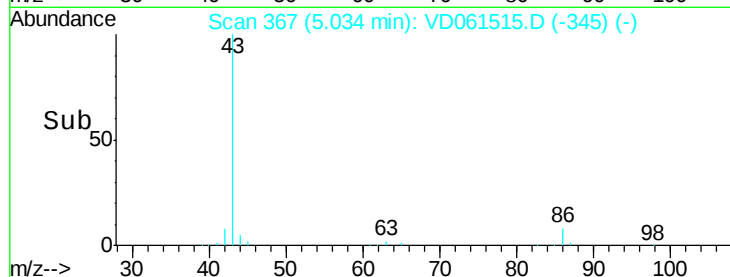
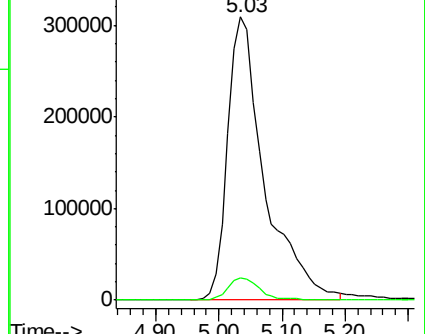
43 100

86 7.8 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: 21.329 ug/l

RT: 4.97 min Scan# 360

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

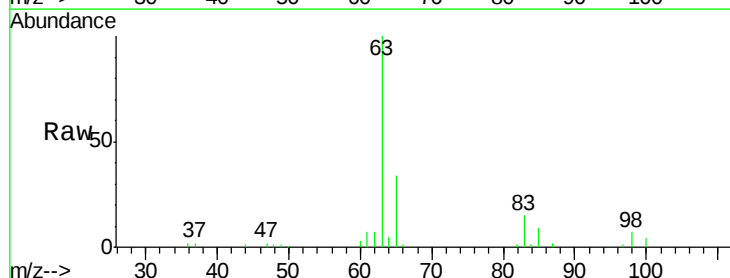
Tgt Ion: 63 Resp: 260258

Ion Ratio Lower Upper

63 100

98 6.7 2.6 8.0

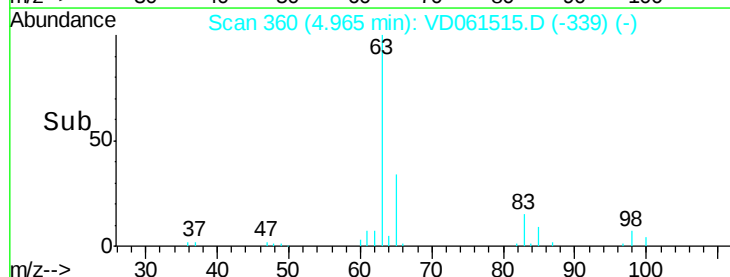
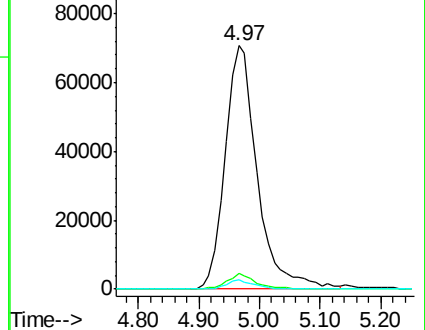
100 4.0 1.8 5.3



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: 110.708 ug/l

RT: 6.05 min Scan# 470

Delta R.T. 0.01 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

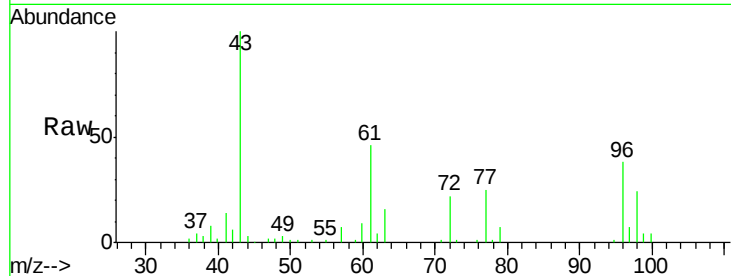
VD0402SBS01

Tot Ion: 43 Resp: 200421

Ion Ratio Lower Upper

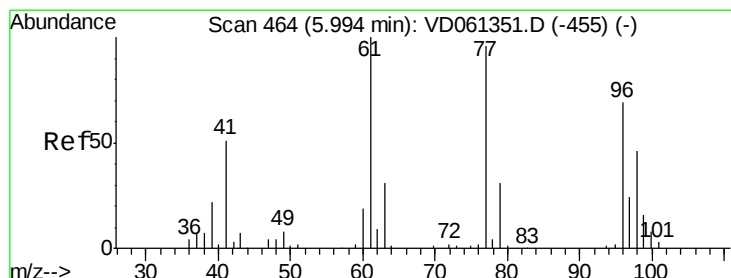
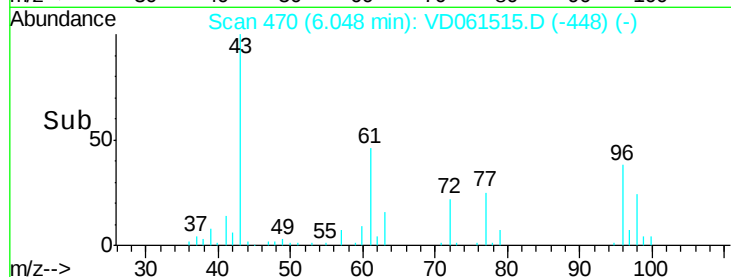
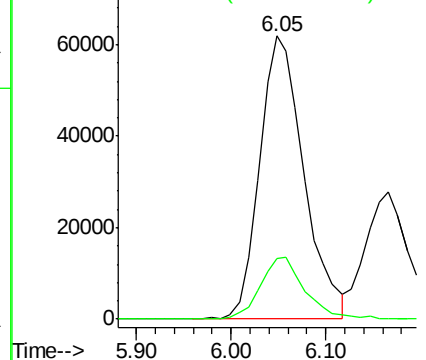
43 100

72 21.7 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: 22.651 ug/l

RT: 6.01 min Scan# 466

Delta R.T. 0.01 min

Lab File: VD061515.D

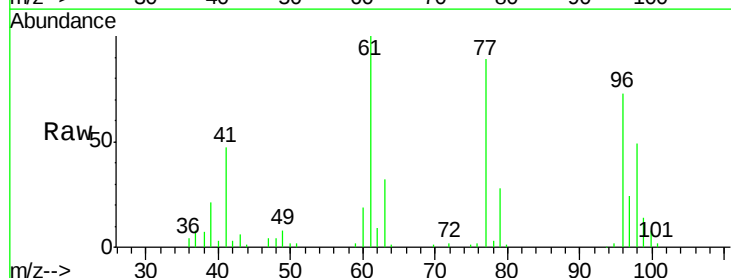
Acq: 2 Apr 2019 15:38

Tgt Ion: 77 Resp: 219715

Ion Ratio Lower Upper

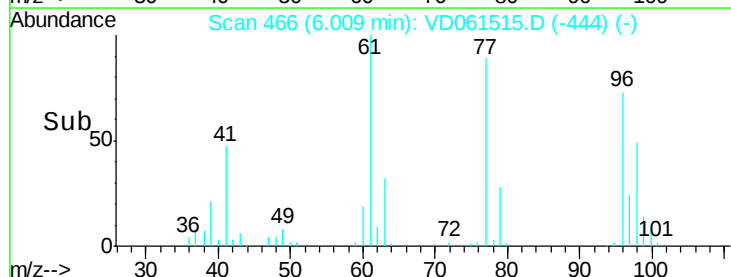
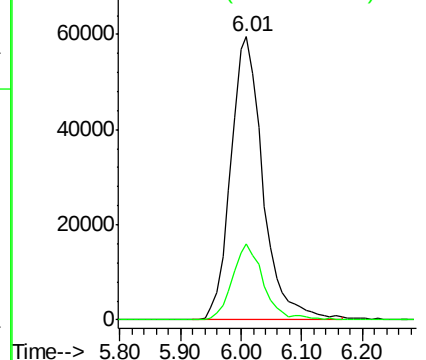
77 100

97 26.7 12.7 38.0



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

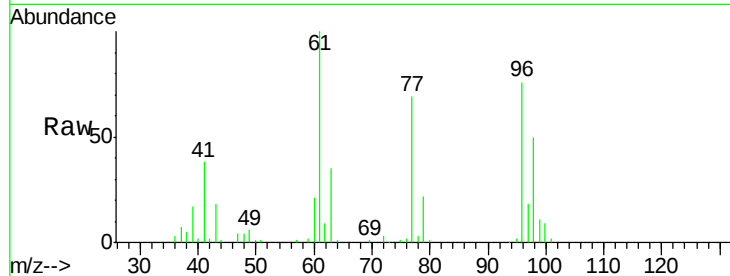




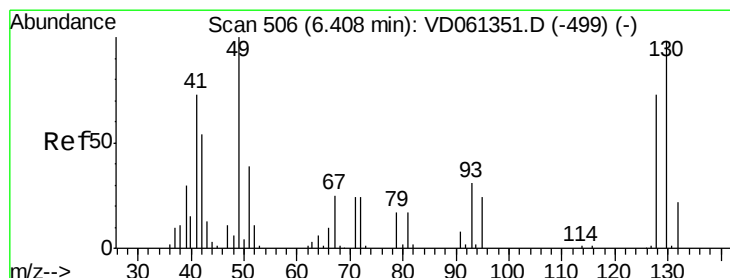
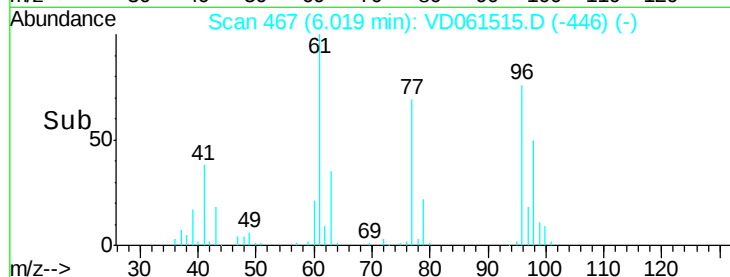
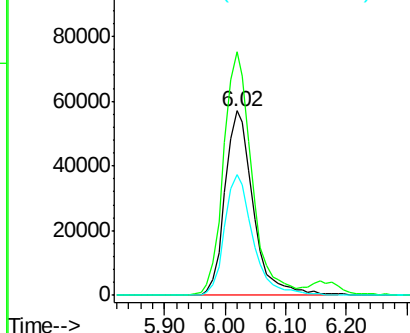
#27  
 cis-1,2-Dichloroethene  
 Concen: 22.346 ug/l  
 RT: 6.02 min Scan# 467  
 Delta R.T. 0.00 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBSD01

Tot Ion: 96 Resp: 185946  
 Ion Ratio Lower Upper  
 96 100  
 61 132.1 0.0 251.6  
 98 65.7 0.0 129.2

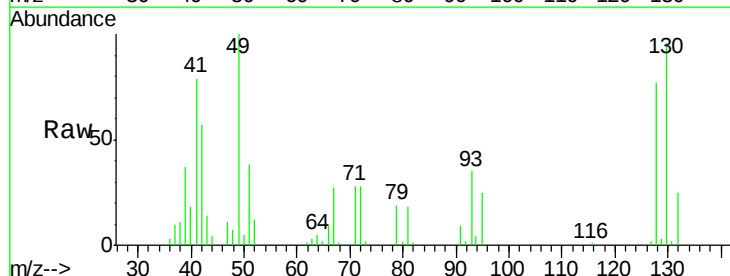


Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC

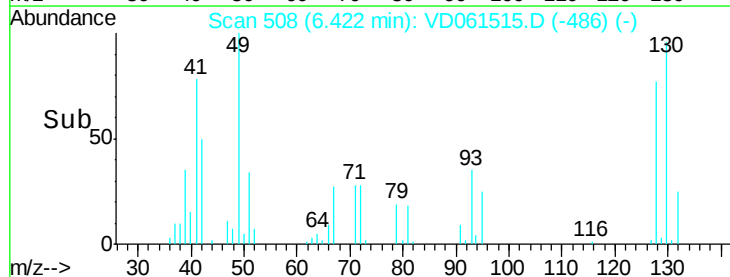
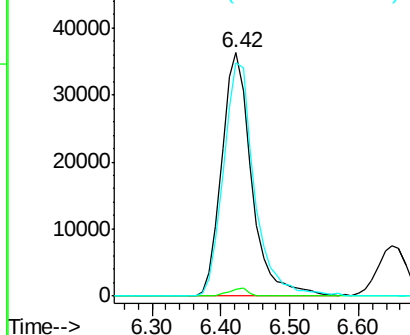


#28  
 Bromochloromethane  
 Concen: 22.197 ug/l  
 RT: 6.42 min Scan# 508  
 Delta R.T. 0.01 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Tgt Ion: 49 Resp: 109334  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 0.0#  
 130 95.7 78.4 117.6



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

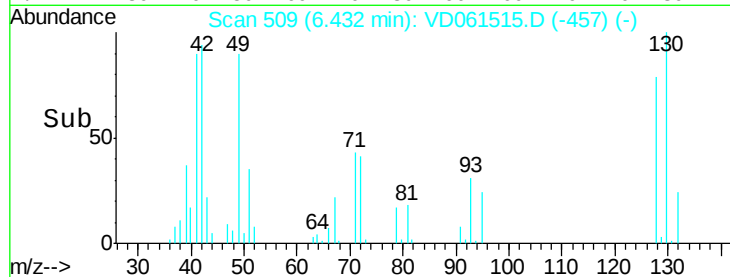
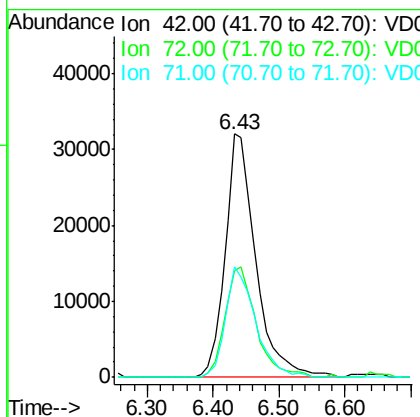
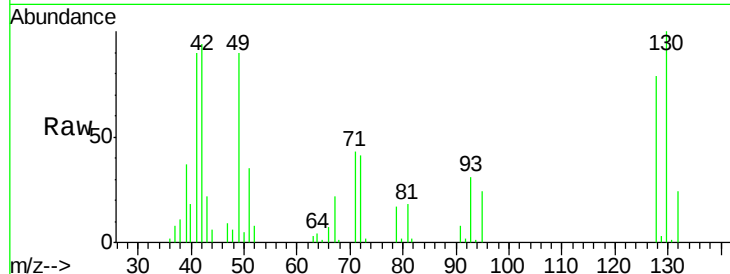




#29  
Tetrahydrofuran  
Concen: 118.824 ug/l  
RT: 6.43 min Scan# 509  
Delta R.T. 0.01 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

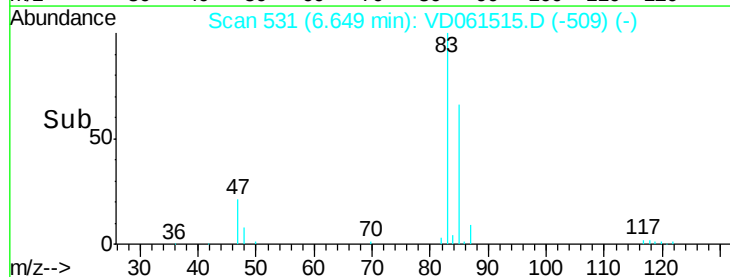
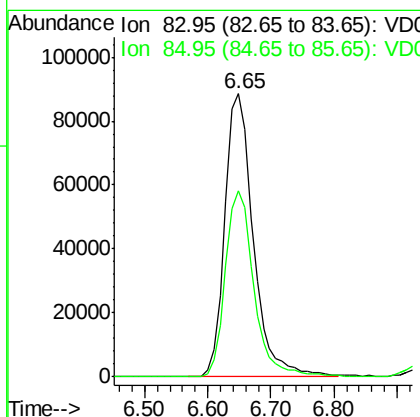
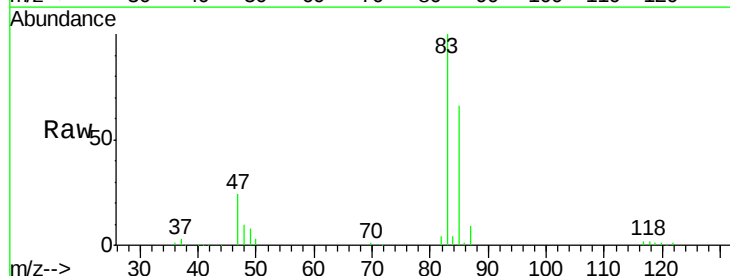
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBSD01

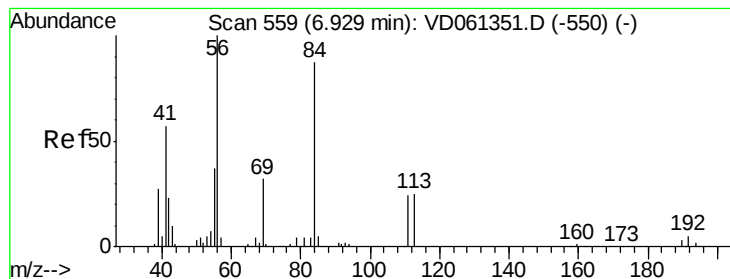
Tot Ion: 42 Resp: 104264  
Ion Ratio Lower Upper  
42 100  
72 46.0 37.4 56.0  
71 44.5 36.7 55.1



#30  
Chloroform  
Concen: 21.991 ug/l  
RT: 6.65 min Scan# 531  
Delta R.T. 0.01 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion: 83 Resp: 277270  
Ion Ratio Lower Upper  
83 100  
85 65.8 53.0 79.4





#31

Cyclohexane

Concen: 20.098 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBSD01

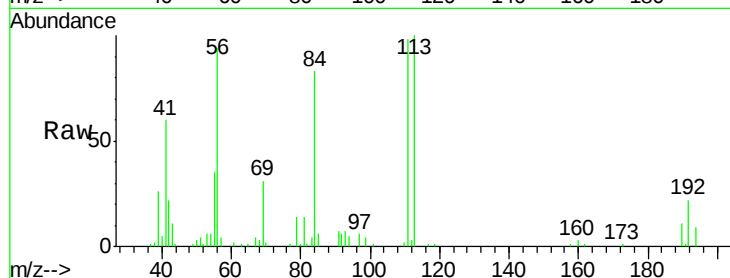
Tot Ion: 56 Resp: 193790

Ion Ratio Lower Upper

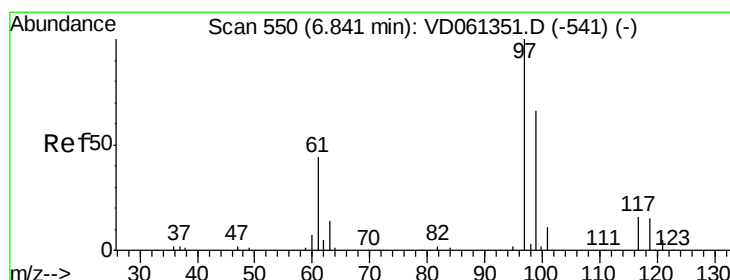
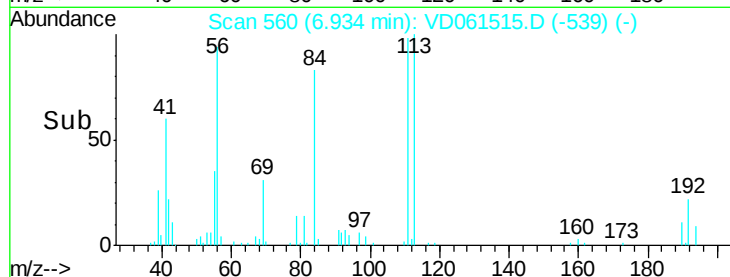
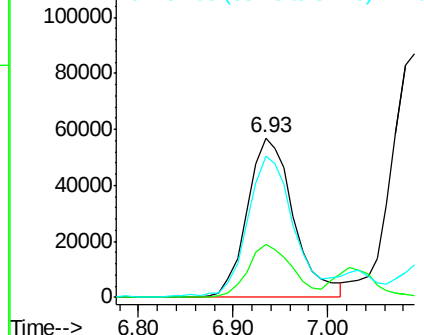
56 100

69 33.2 25.7 38.5

84 88.6 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: 21.279 ug/l

RT: 6.86 min Scan# 552

Delta R.T. 0.01 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

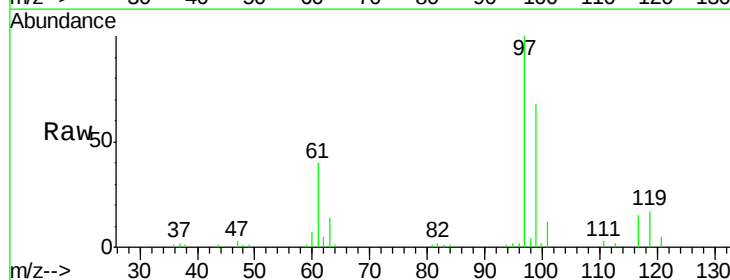
Tgt Ion: 97 Resp: 236685

Ion Ratio Lower Upper

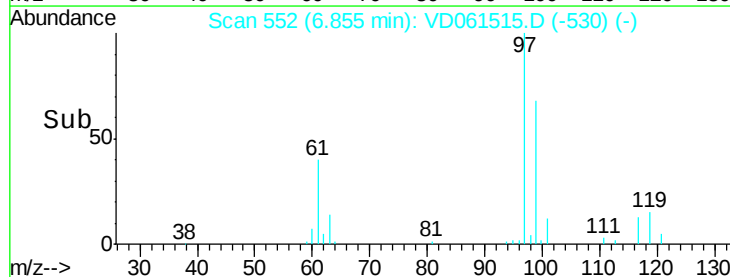
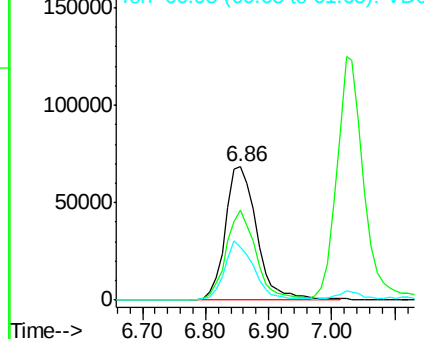
97 100

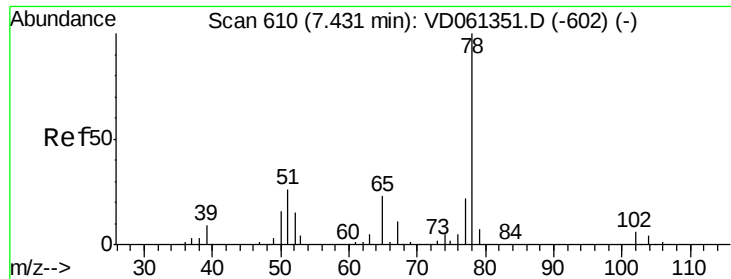
99 67.8 53.1 79.7

61 39.8 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: 21.279 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

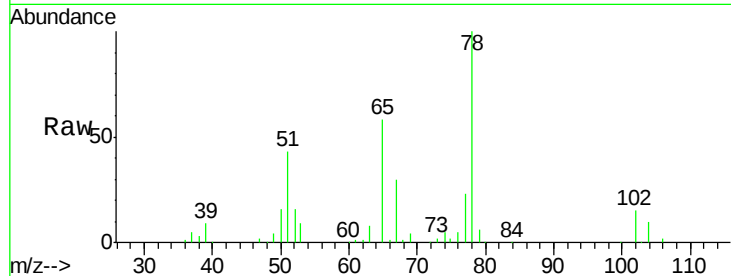
VD0402SBSD01

Tot Ion: 65 Resp: 305959

Ion Ratio Lower Upper

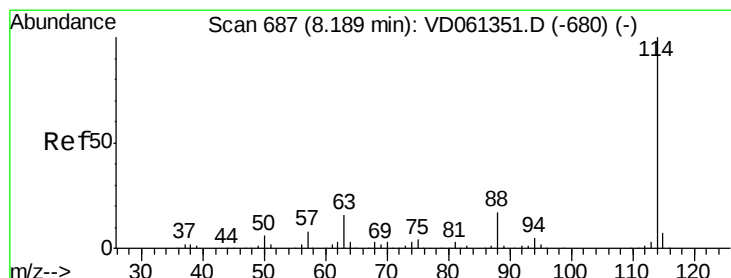
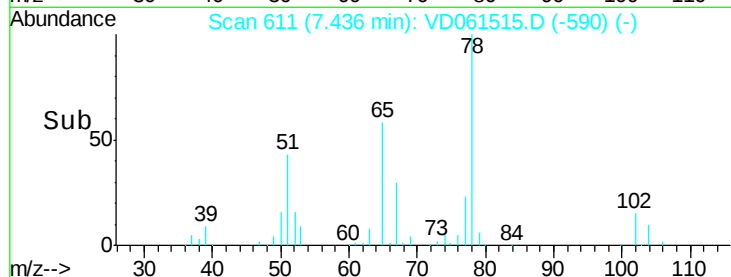
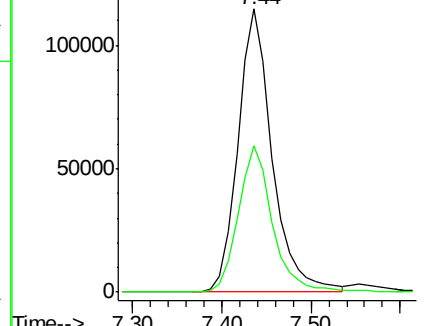
65 100

67 51.9 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

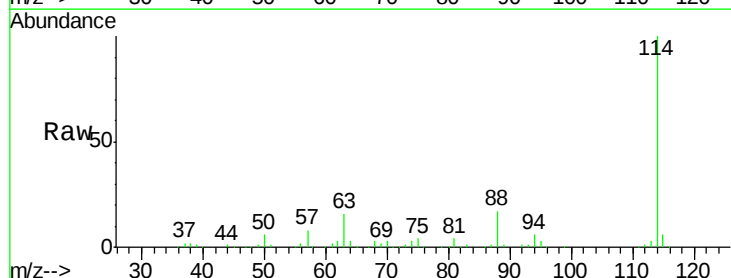
Tgt Ion: 114 Resp: 1096125

Ion Ratio Lower Upper

114 100

63 15.9 0.0 31.6

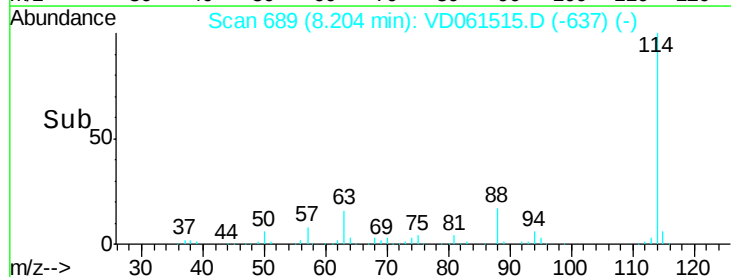
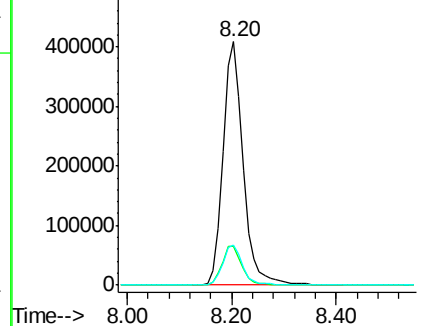
88 16.6 0.0 33.4

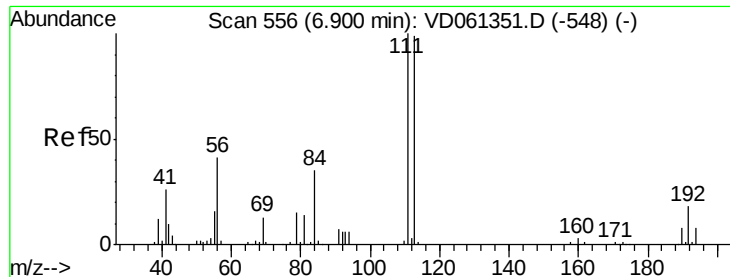


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

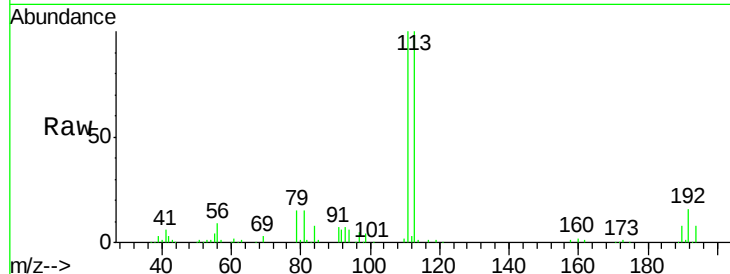




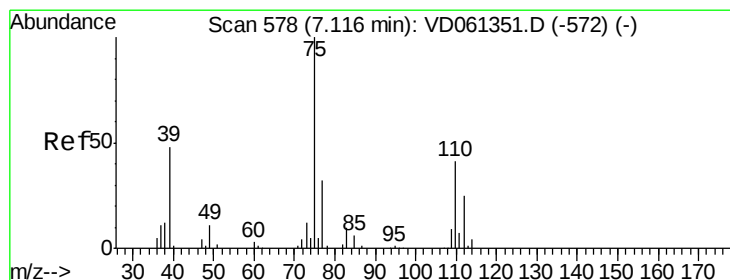
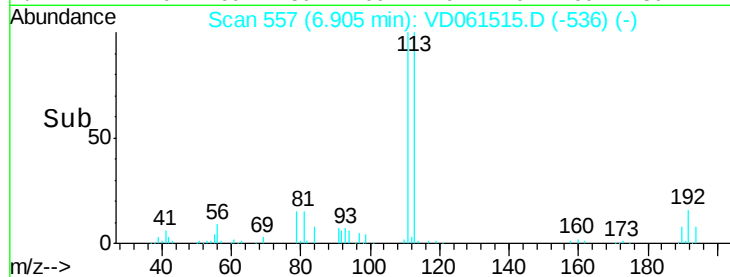
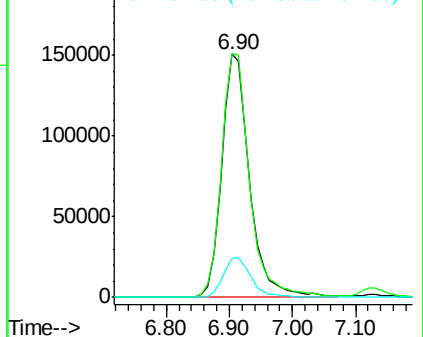
#35  
Dibromofluoromethane  
Concen: 50.000 ug/l  
RT: 6.90 min Scan# 557  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBSD01

Tot Ion:113 Resp: 460628  
Ion Ratio Lower Upper  
113 100  
111 99.9 81.0 121.6  
192 15.7 14.4 21.6

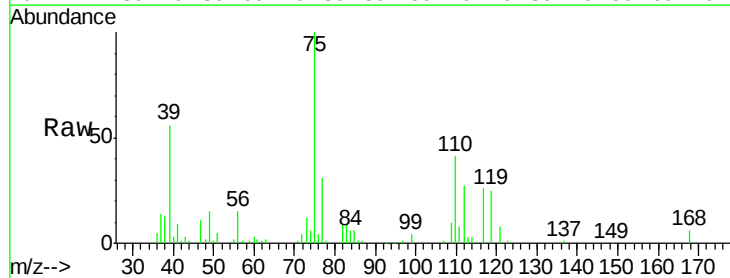


Abundance Ion 112.90 (112.60 to 113.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 191.80 (191.50 to 192.50): V

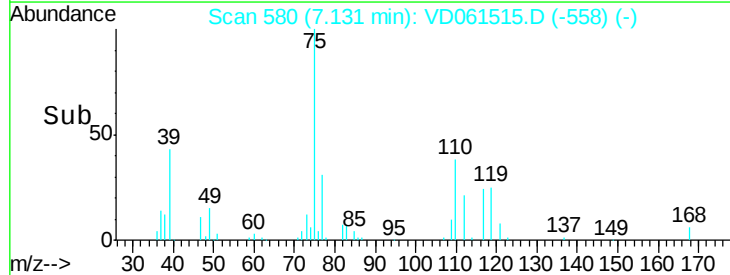
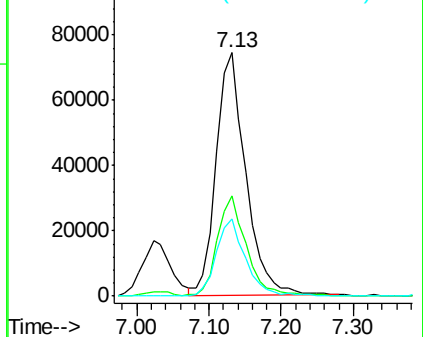


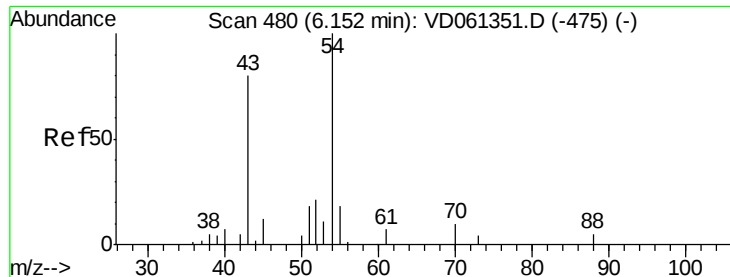
#36  
1,1-Dichloropropene  
Concen: 22.070 ug/l  
RT: 7.13 min Scan# 580  
Delta R.T. 0.01 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion: 75 Resp: 211132  
Ion Ratio Lower Upper  
75 100  
110 41.4 20.4 61.3  
77 31.5 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

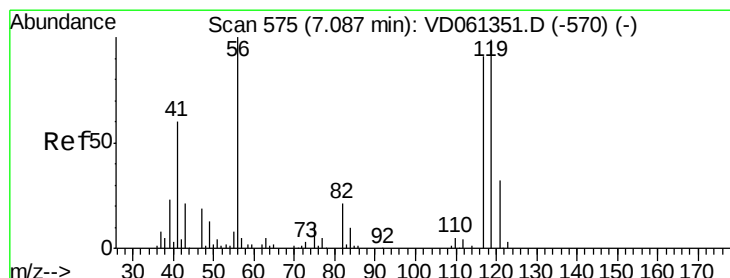
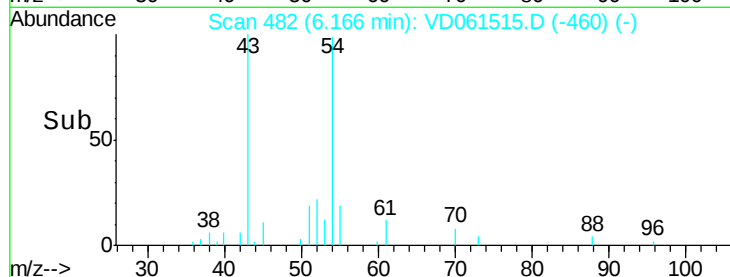
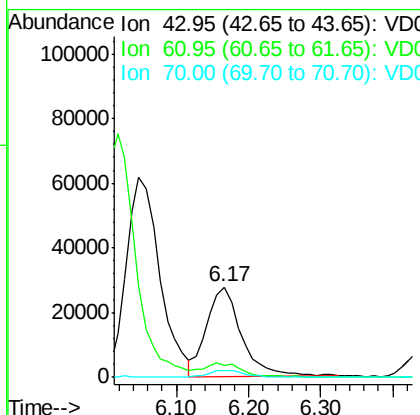
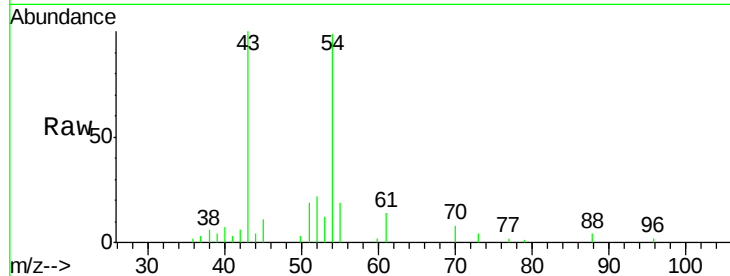




#37  
Ethyl Acetate  
Concen: 22.660 ug/l  
RT: 6.17 min Scan# 482  
Delta R.T. 0.01 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

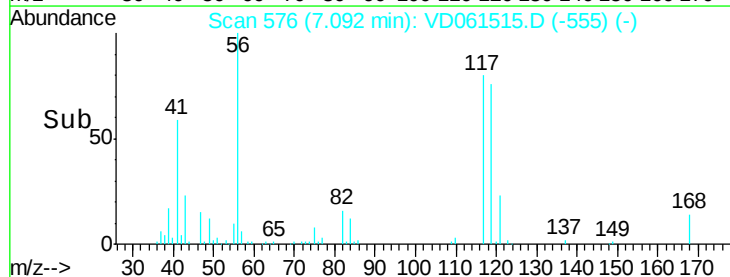
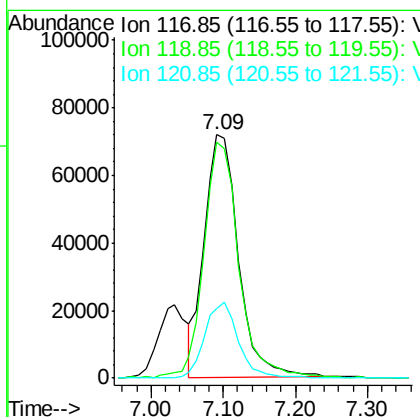
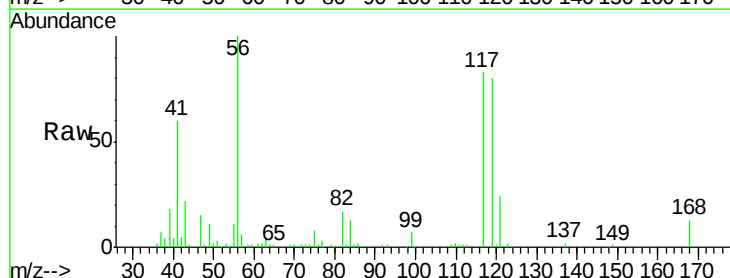
Instrument :  
MSVOA\_D  
ClientSampleID :  
VD0402SBSD01

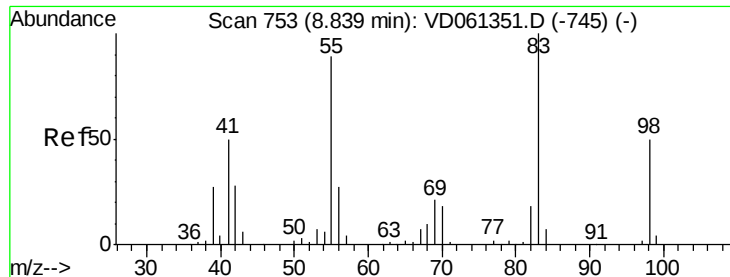
Tot Ion: 43 Resp: 92713  
Ion Ratio Lower Upper  
43 100  
61 13.6 13.8 20.8#  
70 8.1 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 21.360 ug/l  
RT: 7.09 min Scan# 576  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion: 117 Resp: 234814  
Ion Ratio Lower Upper  
117 100  
119 96.7 80.1 120.1  
121 28.8 25.6 38.4

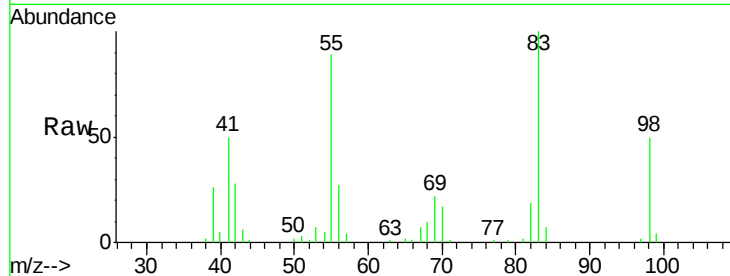




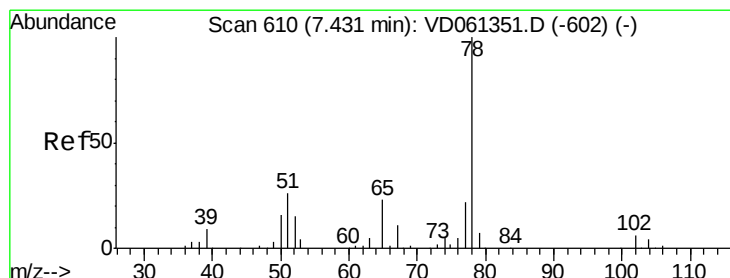
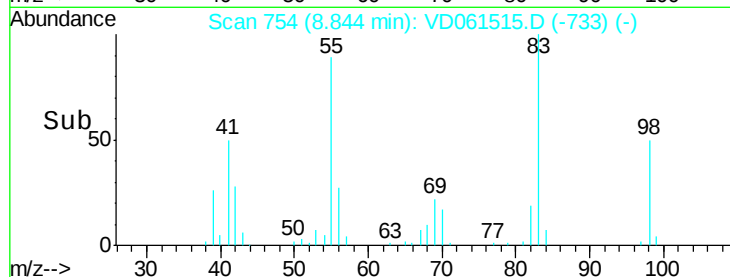
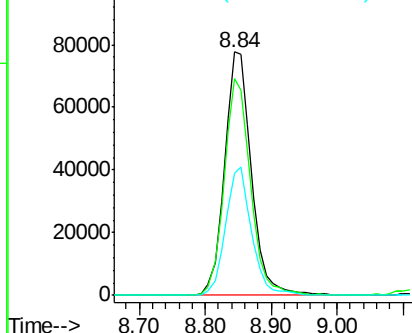
#39  
Methvlcvclohexane  
Concen: 22.243 ug/l  
RT: 8.84 min Scan# 754  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBSD01

Tot Ion: 83 Resp: 221617  
Ion Ratio Lower Upper  
83 100  
55 88.8 71.5 107.3  
98 50.0 40.3 60.5

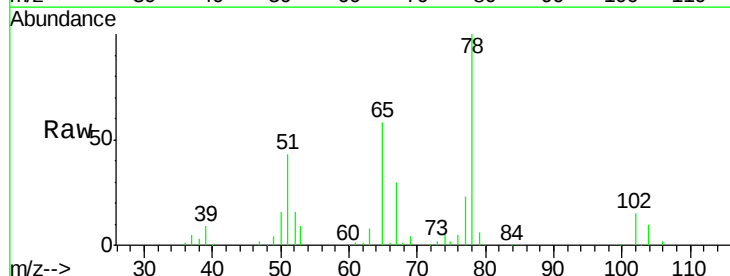


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

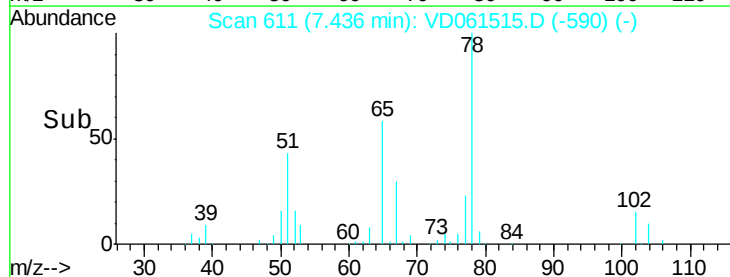
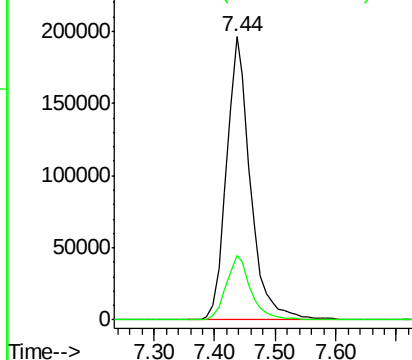


#40  
Benzene  
Concen: 22.388 ug/l  
RT: 7.44 min Scan# 611  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion: 78 Resp: 537532  
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

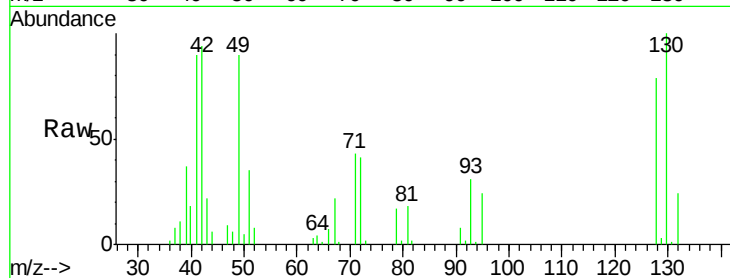




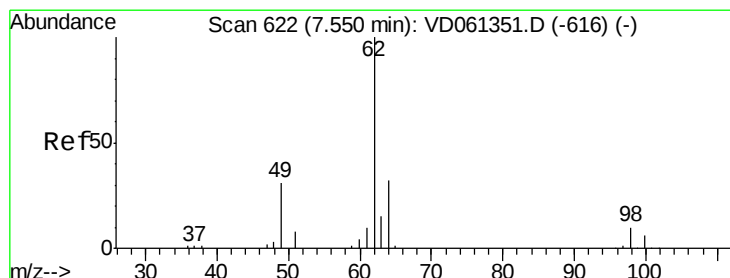
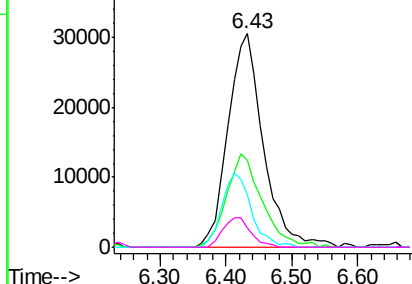
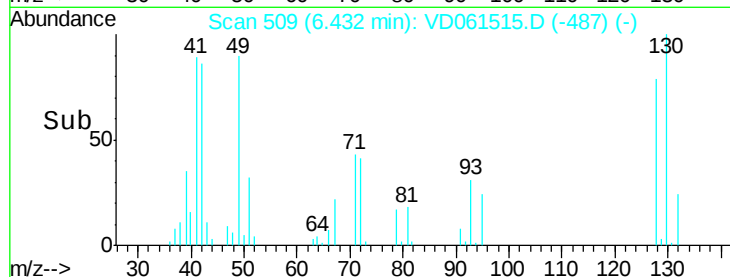
#41  
Methacrylonitrile  
Concen: 24.056 ug/l  
RT: 6.43 min Scan# 509  
Delta R.T. 0.01 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBSD01

Tot Ion: 41 Resp: 115083  
Ion Ratio Lower Upper  
41 100  
39 41.0 35.0 52.6  
67 24.7 21.0 31.6  
52 8.7 7.7 11.5

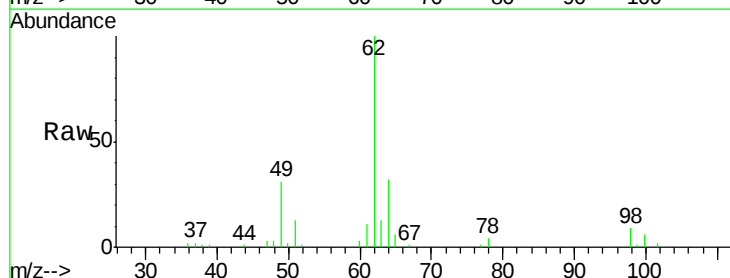


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

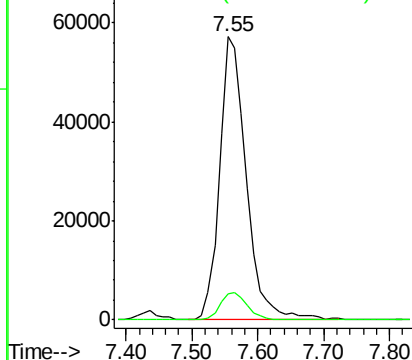
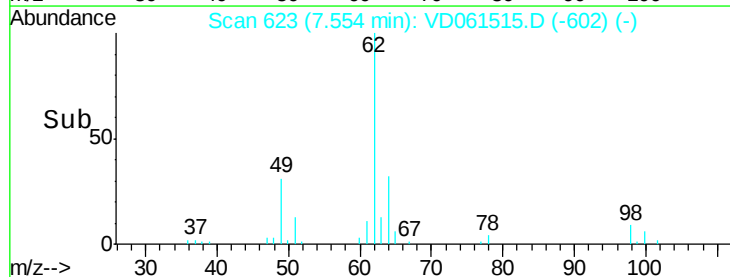


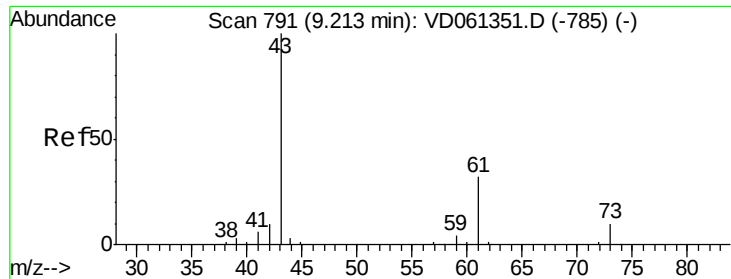
#42  
1,2-Dichloroethane  
Concen: 22.454 ug/l  
RT: 7.55 min Scan# 623  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion: 62 Resp: 161265  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 19.8



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



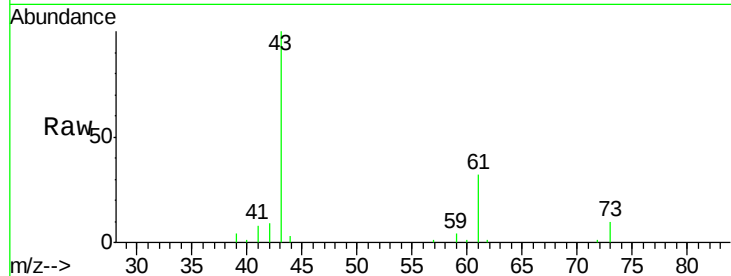


#43

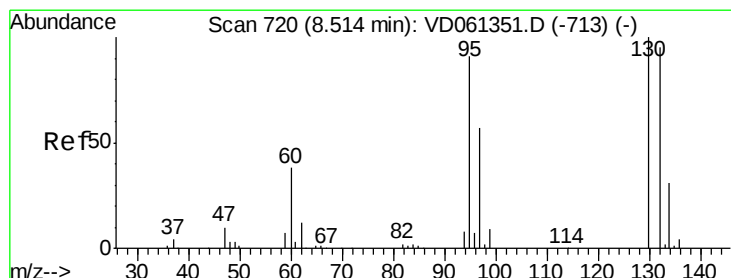
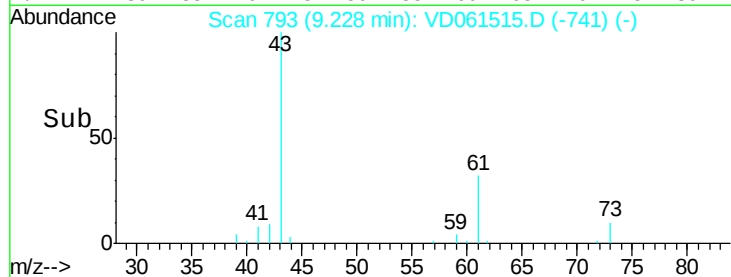
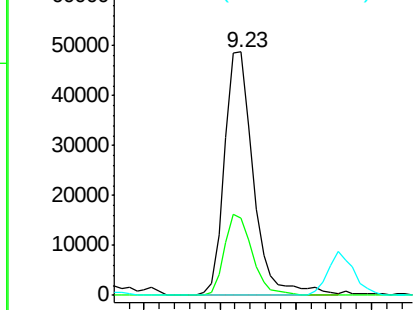
Isopropyl Acetate  
 Concen: 21.698 ug/l  
 RT: 9.23 min Scan# 793  
 Delta R.T. 0.01 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBSD01

Tot Ion: 43 Resp: 129166  
 Ion Ratio Lower Upper  
 43 100  
 61 31.7 25.8 38.6  
 87 0.0 0.0 0.0



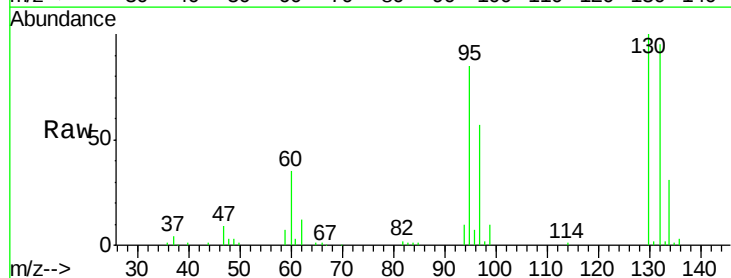
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



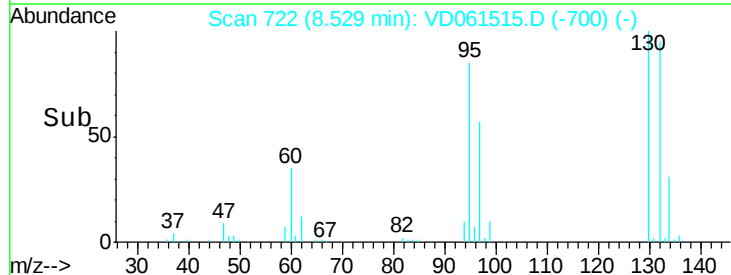
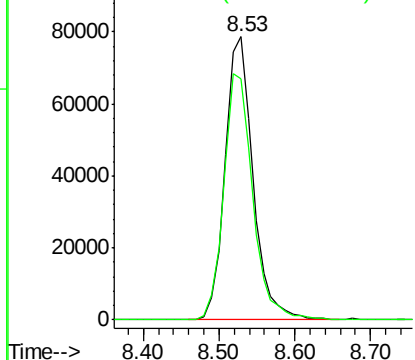
#44

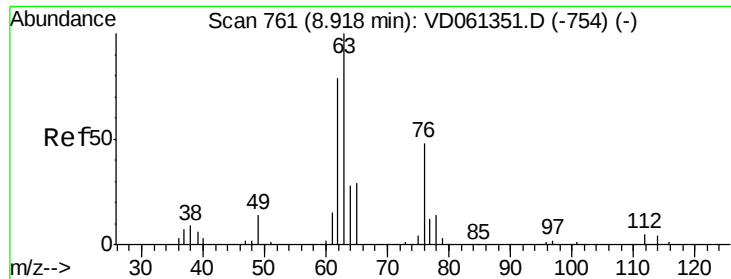
Trichloroethene  
 Concen: 22.454 ug/l  
 RT: 8.53 min Scan# 722  
 Delta R.T. 0.01 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Tgt Ion: 130 Resp: 200634  
 Ion Ratio Lower Upper  
 130 100  
 95 85.2 0.0 181.4



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





#45

1,2-Dichloropropane

Concen: 21.139 ug/l

RT: 8.92 min Scan# 762

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

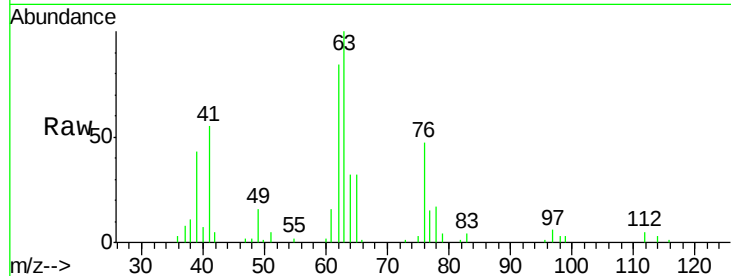
VD0402SBS01

Tot Ion: 63 Resp: 128698

Ion Ratio Lower Upper

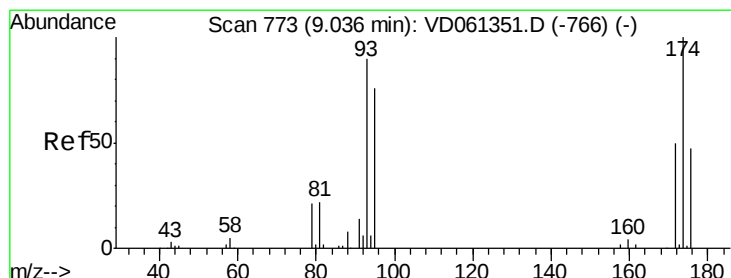
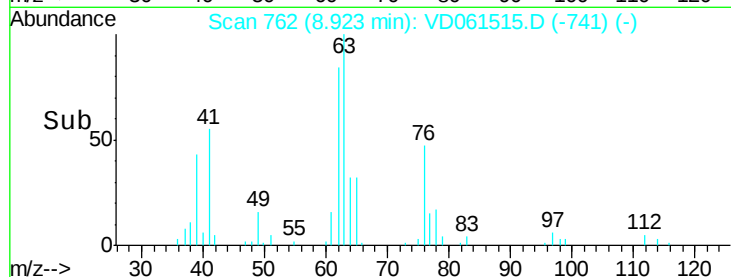
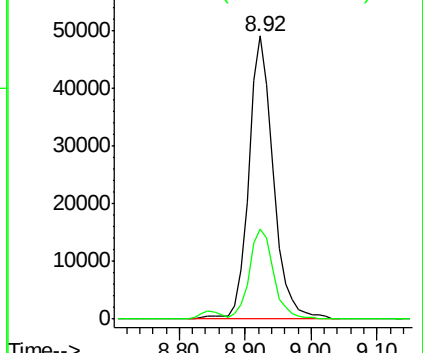
63 100

65 31.8 25.0 37.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 22.798 ug/l

RT: 9.05 min Scan# 775

Delta R.T. 0.01 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

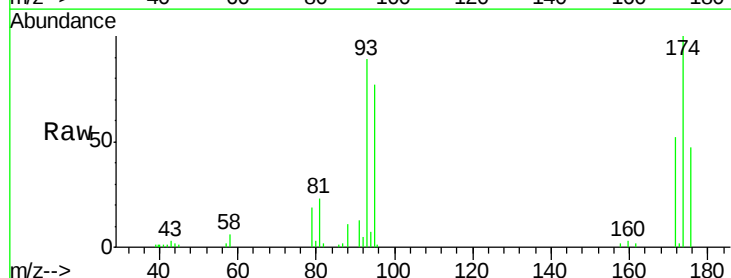
Tgt Ion: 93 Resp: 93423

Ion Ratio Lower Upper

93 100

95 86.5 67.4 101.0

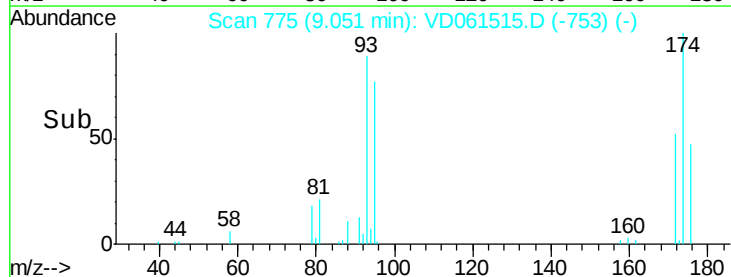
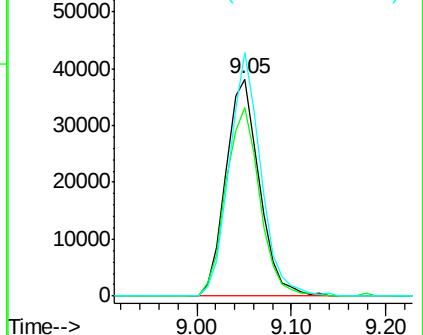
174 112.1 88.9 133.3



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





#47

Bromodichloromethane

Concen: 22.312 ug/l

RT: 9.36 min Scan# 806

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBSD01

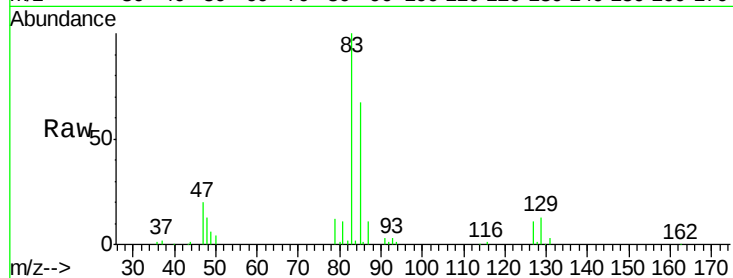
Tot Ion: 83 Resp: 205208

Ion Ratio Lower Upper

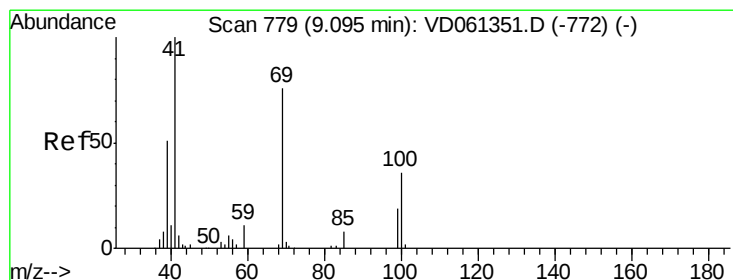
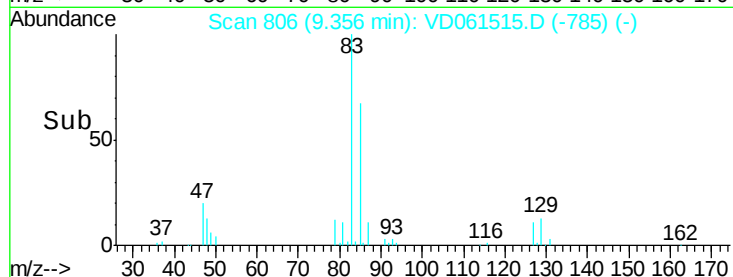
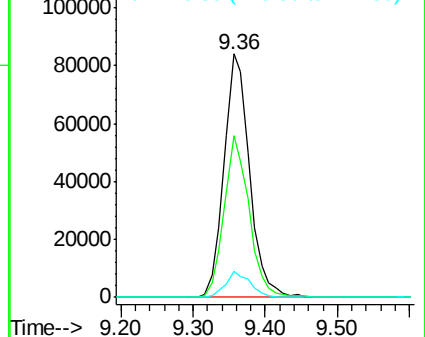
83 100

85 66.5 53.0 79.4

127 10.6 8.4 12.6



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



#48

Methyl methacrylate

Concen: 21.774 ug/l

RT: 9.10 min Scan# 780

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

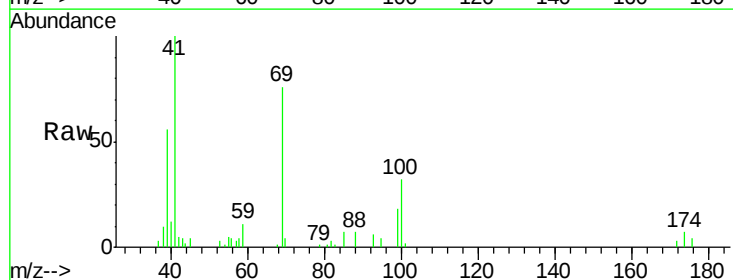
Tgt Ion: 41 Resp: 71537

Ion Ratio Lower Upper

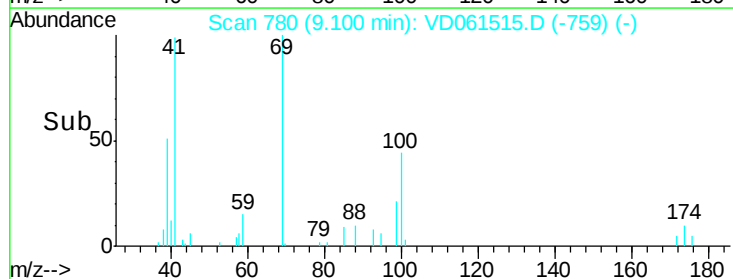
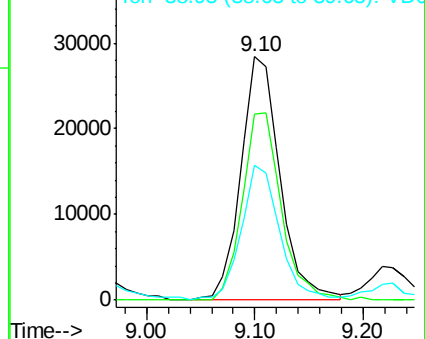
41 100

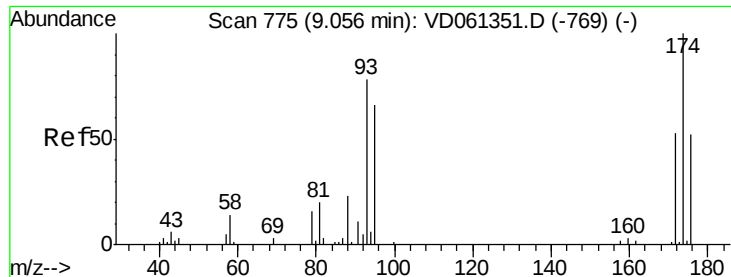
69 76.3 60.2 90.4

39 55.5 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

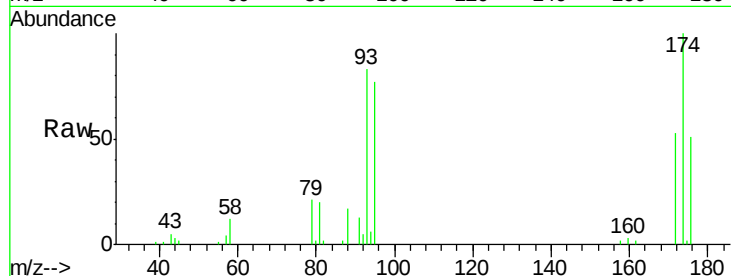




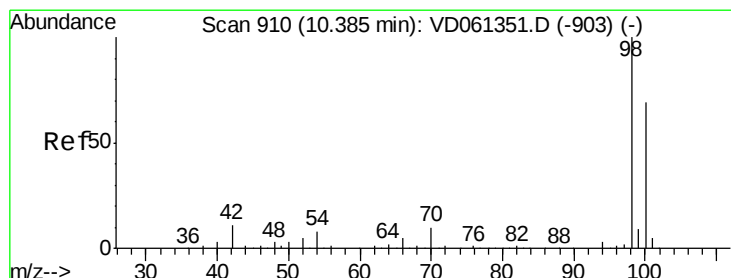
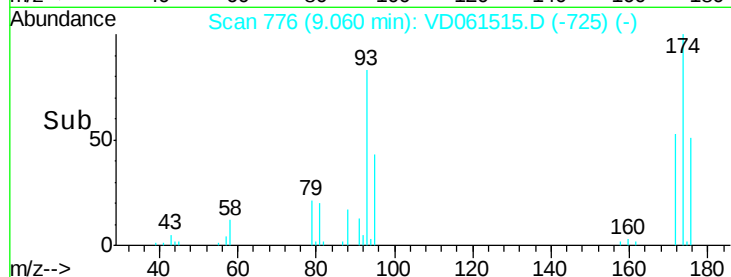
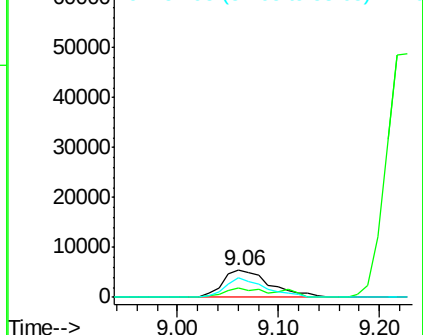
#49  
1,4-Dioxane  
Concen: 488.997 ug/l  
RT: 9.06 min Scan# 776  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

Tot Ion: 88 Resp: 17720  
Ion Ratio Lower Upper  
88 100  
43 32.5 23.3 34.9  
58 74.3 50.8 76.2

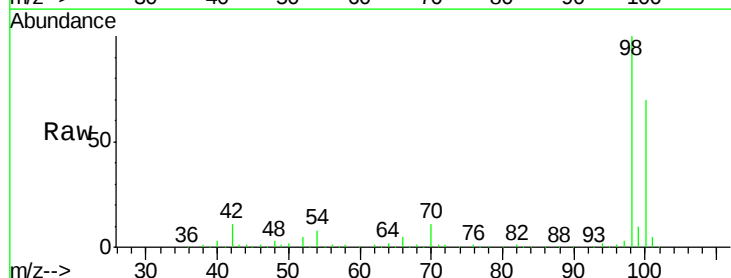


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

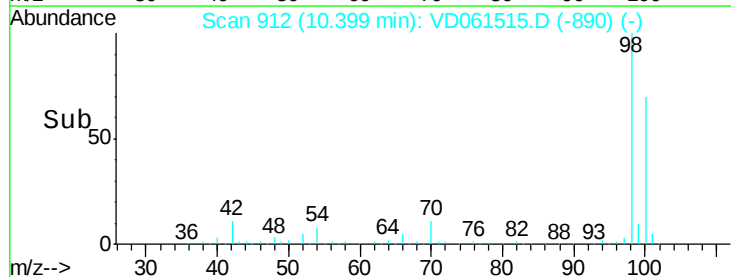
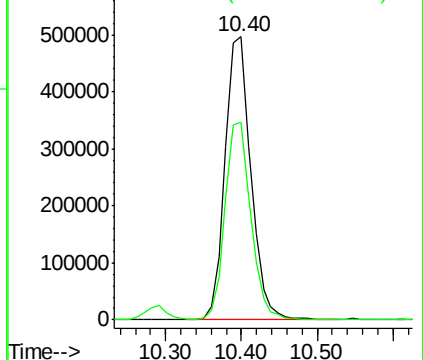


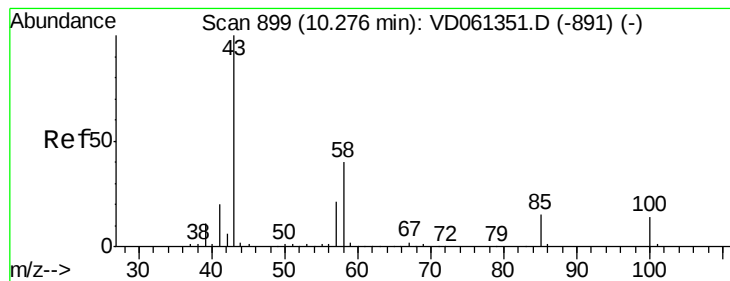
#50  
Toluene-d8  
Concen: 488.997 ug/l  
RT: 10.40 min Scan# 912  
Delta R.T. 0.01 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion: 98 Resp: 1175855  
Ion Ratio Lower Upper  
98 100  
100 70.0 56.2 84.2



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





#51

4-Methyl-2-Pentanone

Concen: 114.199 ug/l

RT: 10.28 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

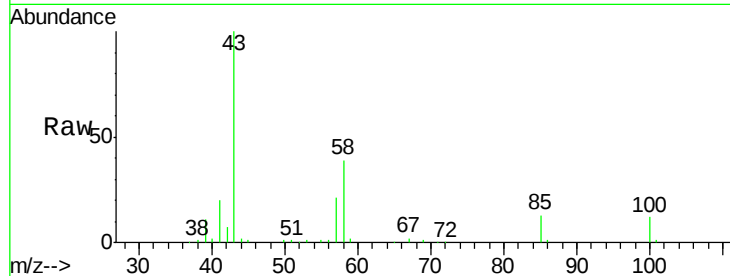
VD0402SBS01

Tot Ion: 43 Resp: 413601

Ion Ratio Lower Upper

43 100

58 38.5 31.8 47.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.28

200000

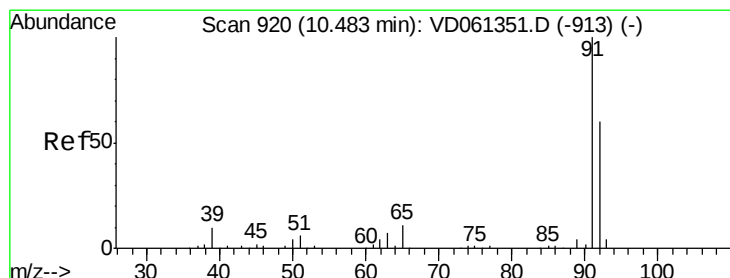
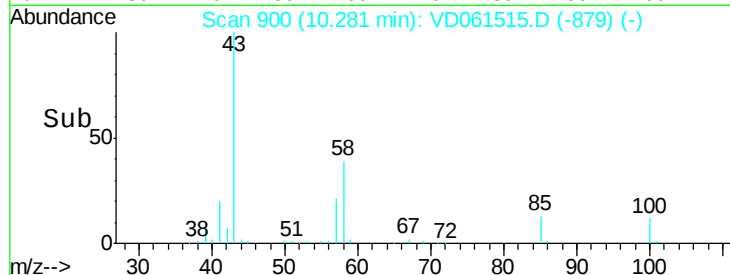
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 22.794 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: VD061515.D

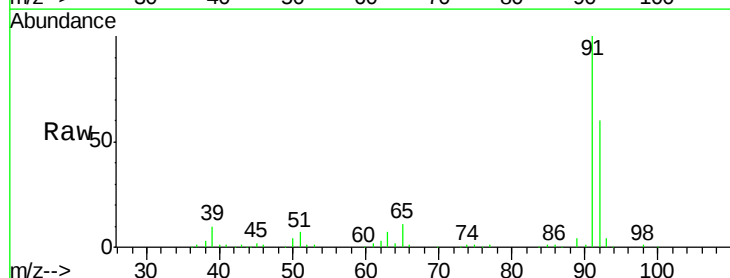
Acq: 2 Apr 2019 15:38

Tgt Ion: 92 Resp: 333888

Ion Ratio Lower Upper

92 100

91 168.0 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.50

250000

200000

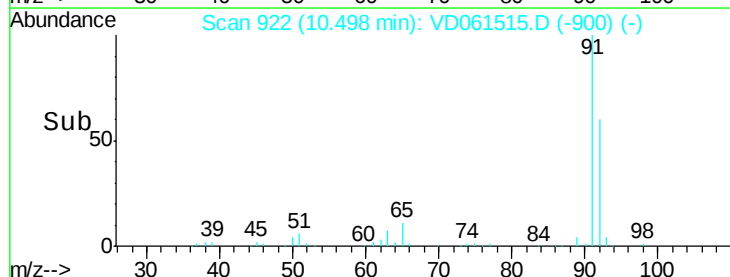
150000

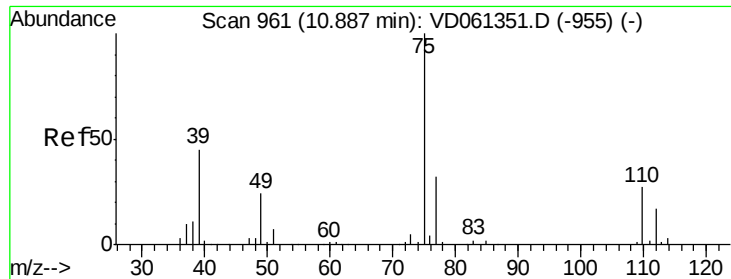
100000

50000

0

Time-->

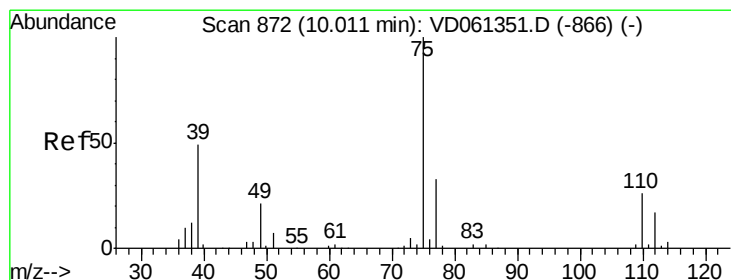
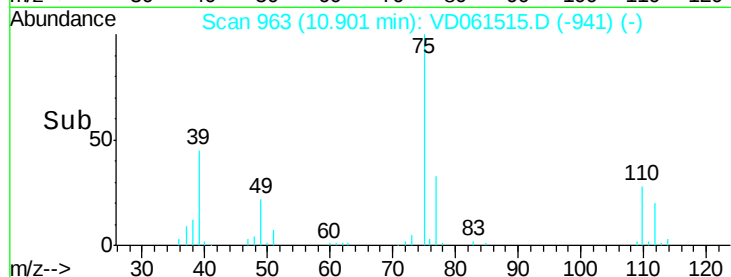
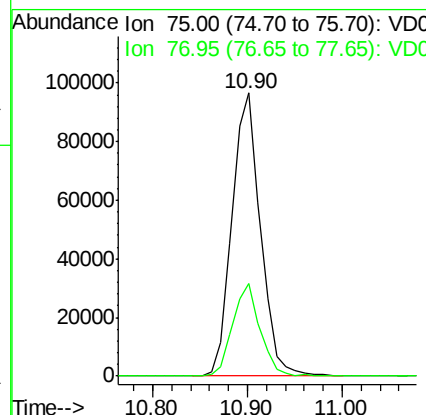
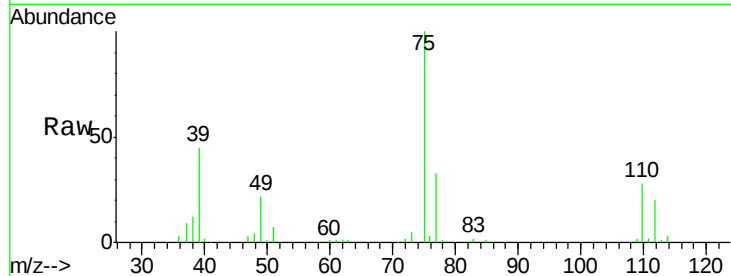




#53  
 t-1,3-Dichloropropene  
 Concen: 24.047 ug/l  
 RT: 10.90 min Scan# 963  
 Delta R.T. 0.01 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

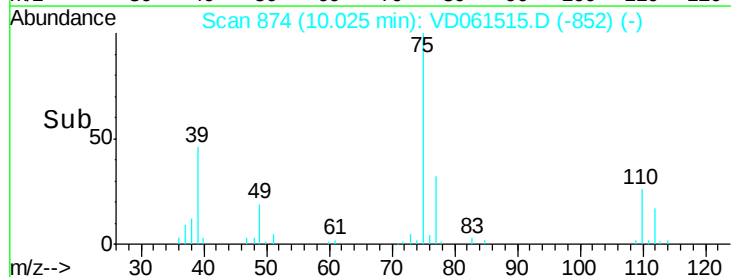
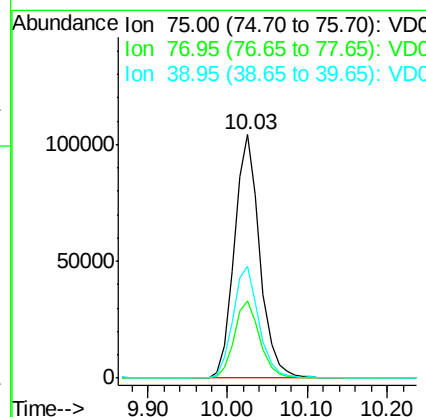
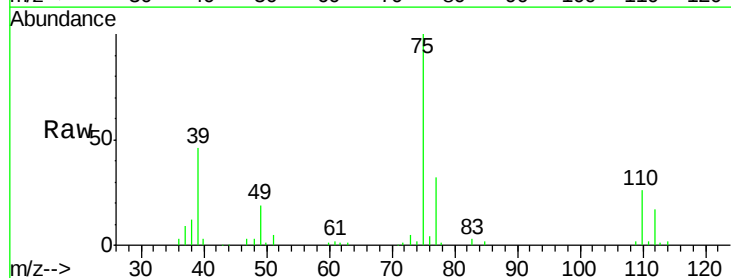
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBSD01

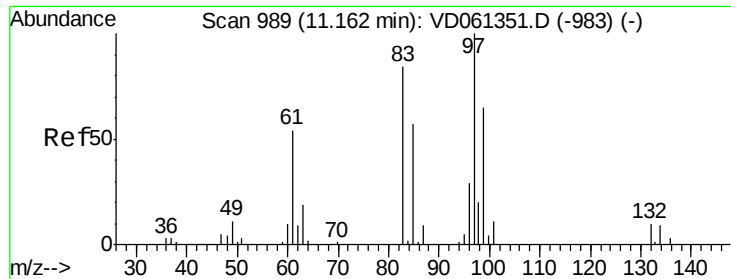
Tot Ion: 75 Resp: 200942  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 22.904 ug/l  
 RT: 10.03 min Scan# 874  
 Delta R.T. 0.01 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Tgt Ion: 75 Resp: 233047  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 26.2 39.4  
 39 46.0 39.4 59.0

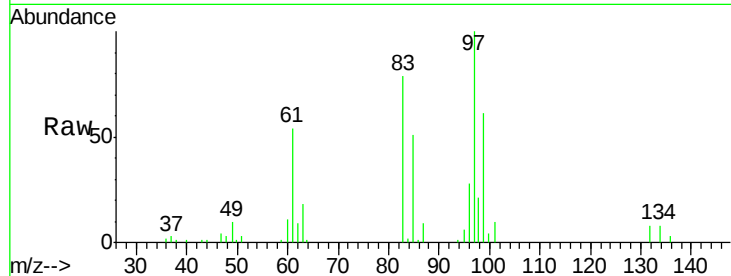




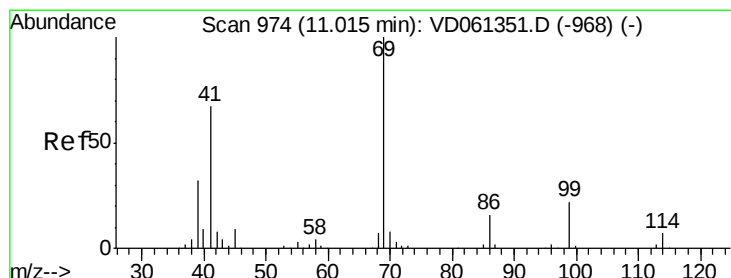
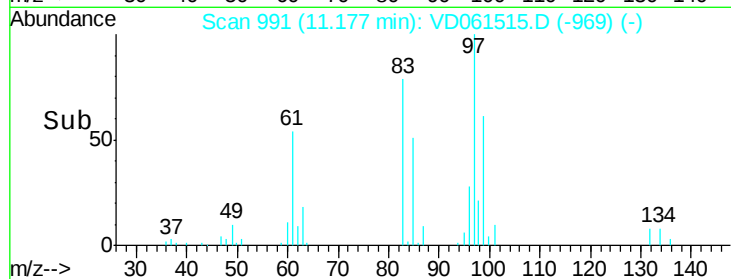
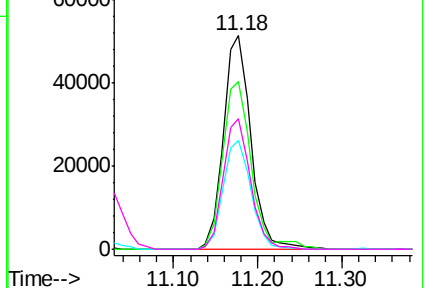
#55  
 1,1,2-Trichloroethane  
 Concen: 22.637 ug/l  
 RT: 11.18 min Scan# 991  
 Delta R.T. 0.01 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 115959 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 78.8  | 67.0  | 100.6  |
| 85       | 50.8  | 45.4  | 68.2   |
| 99       | 61.4  | 51.9  | 77.9   |

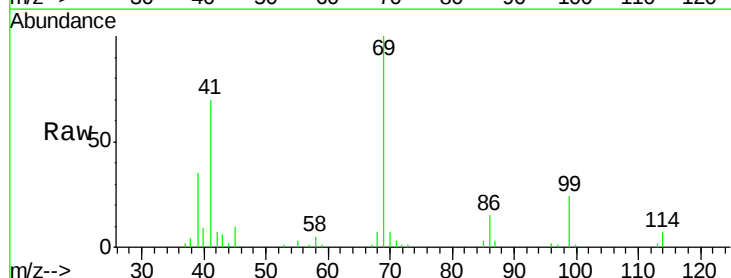


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

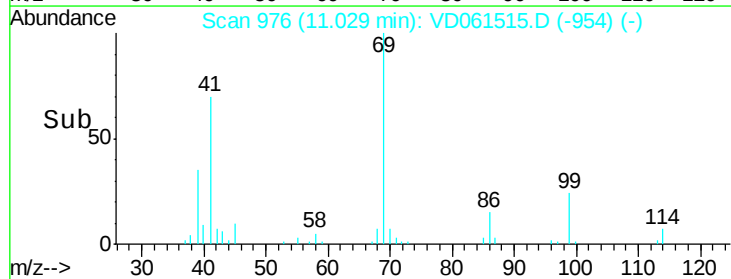
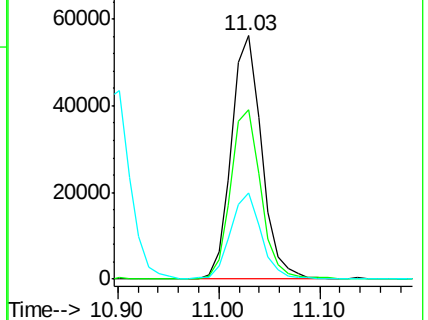


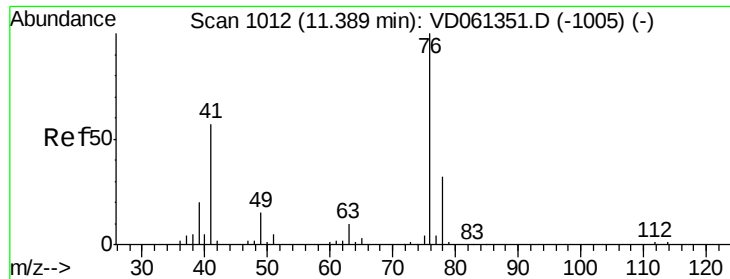
#56  
 Ethyl methacrylate  
 Concen: 21.319 ug/l  
 RT: 11.03 min Scan# 976  
 Delta R.T. 0.01 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 117322 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.6  | 53.8  | 80.6   |
| 39       | 35.3  | 26.4  | 39.6   |



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

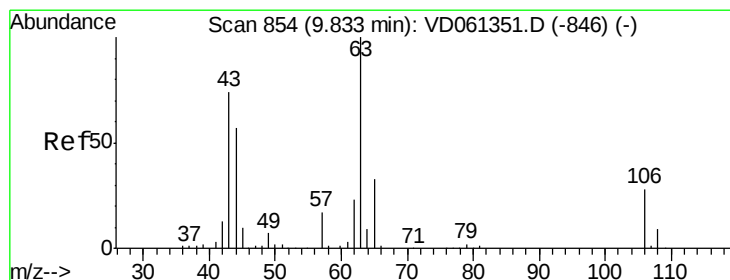
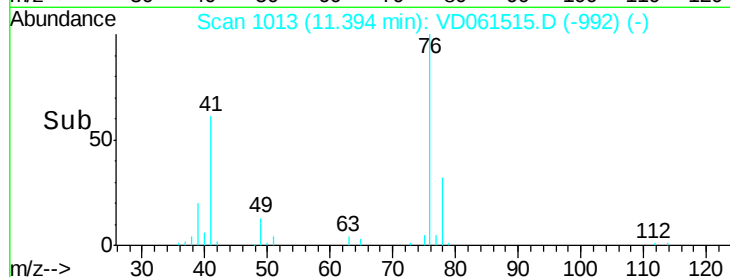
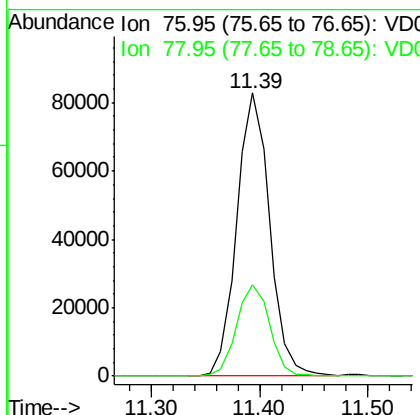
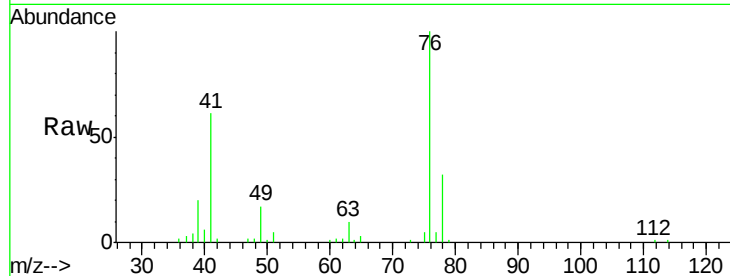




#57  
 1,3-Dichloropropane  
 Concen: 23.196 ug/l  
 RT: 11.39 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

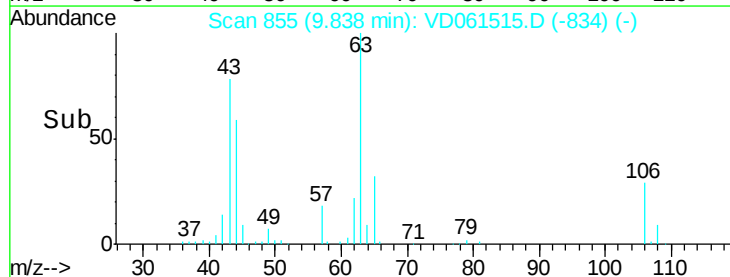
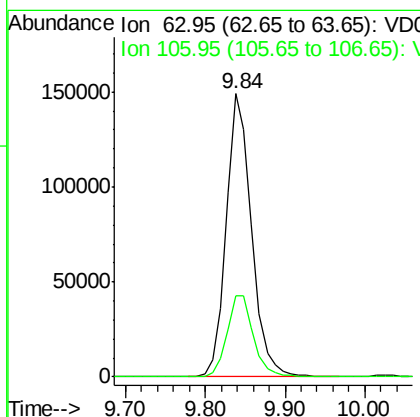
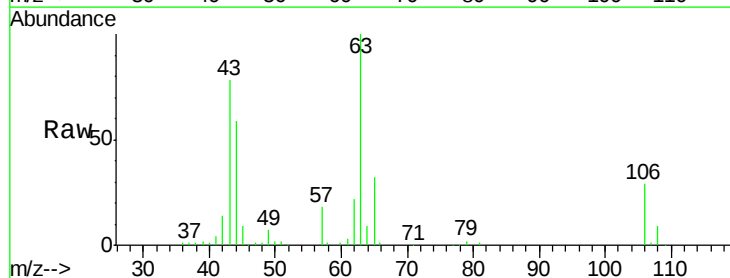
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBSD01

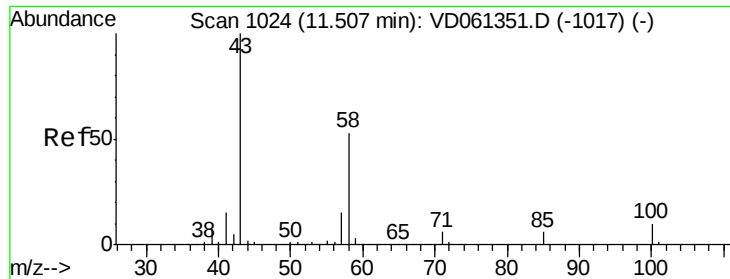
Tot Ion: 76 Resp: 174652  
 Ion Ratio Lower Upper  
 76 100  
 78 32.2 25.4 38.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 124.203 ug/l  
 RT: 9.84 min Scan# 855  
 Delta R.T. 0.00 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Tgt Ion: 63 Resp: 332862  
 Ion Ratio Lower Upper  
 63 100  
 106 28.7 22.4 33.6

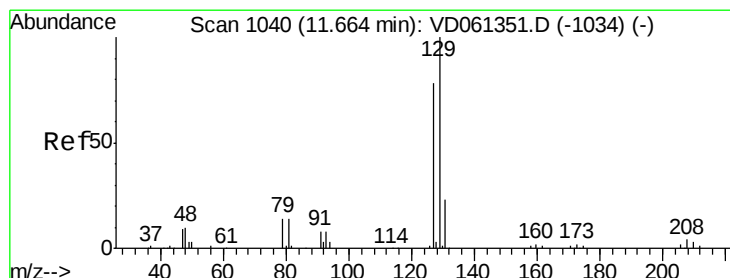
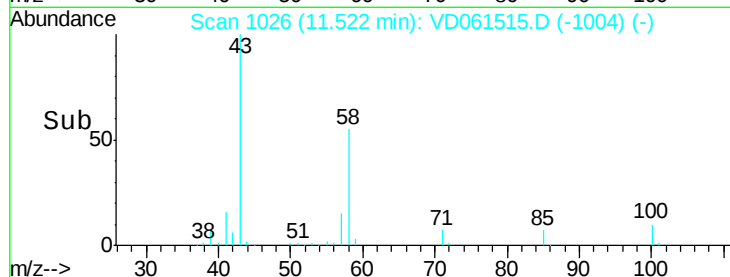
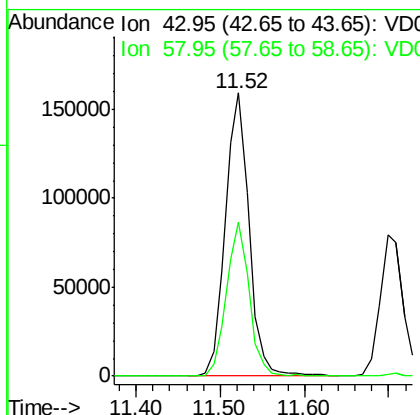
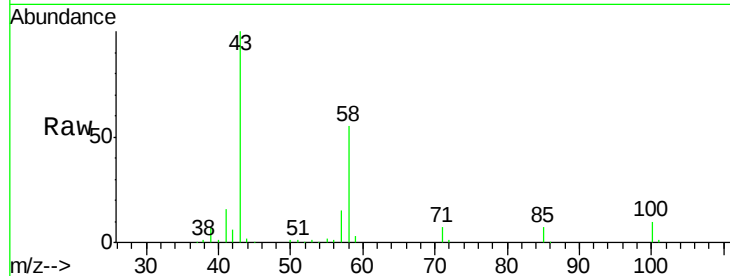




#59  
2-Hexanone  
Concen: 118.382 ug/l  
RT: 11.52 min Scan# 1026  
Delta R.T. 0.01 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

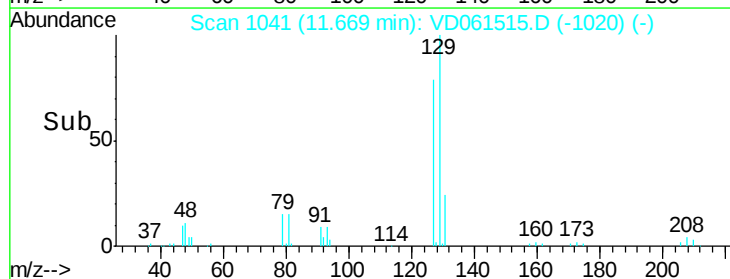
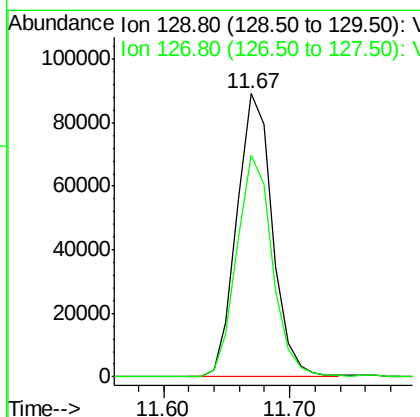
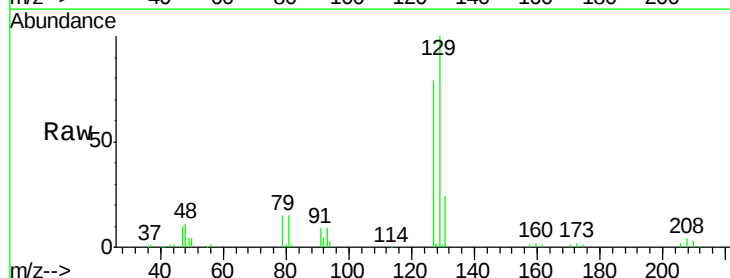
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBSD01

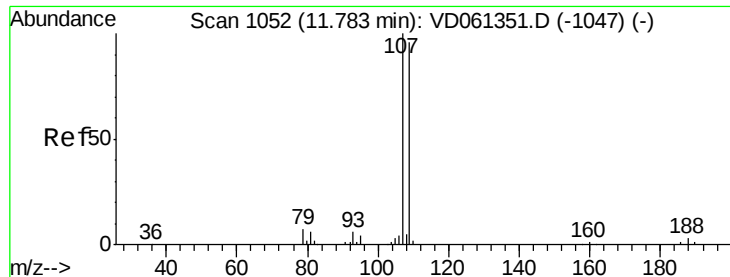
Tot Ion: 43 Resp: 310643  
Ion Ratio Lower Upper  
43 100  
58 54.6 26.3 78.9



#60  
Dibromochloromethane  
Concen: 22.058 ug/l  
RT: 11.67 min Scan# 1041  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion: 129 Resp: 174194  
Ion Ratio Lower Upper  
129 100  
127 78.5 39.0 116.9

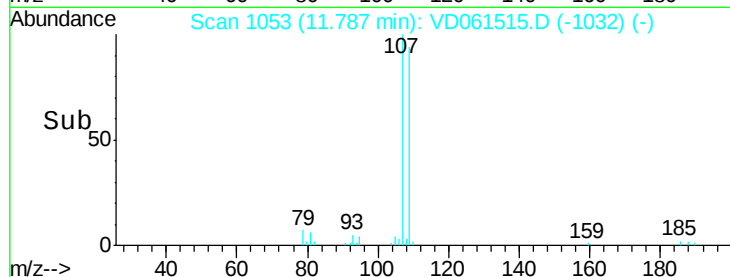
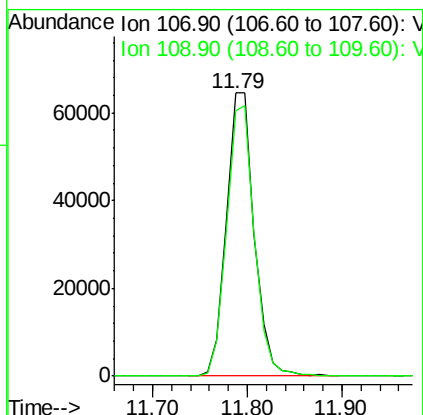
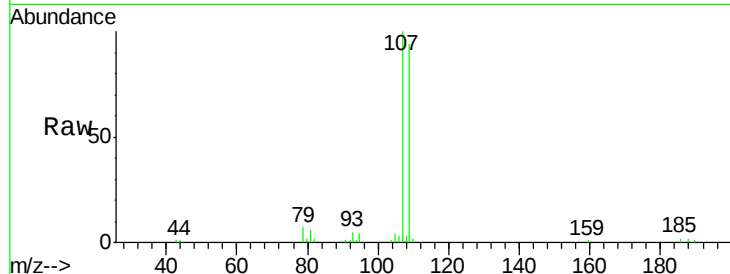




#61  
 1,2-Dibromoethane  
 Concen: 22.098 ug/l  
 RT: 11.79 min Scan# 1053  
 Delta R.T. 0.00 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

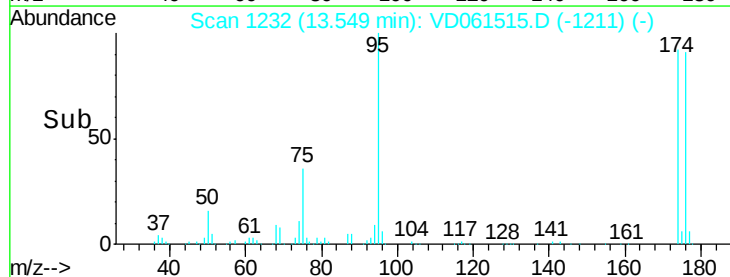
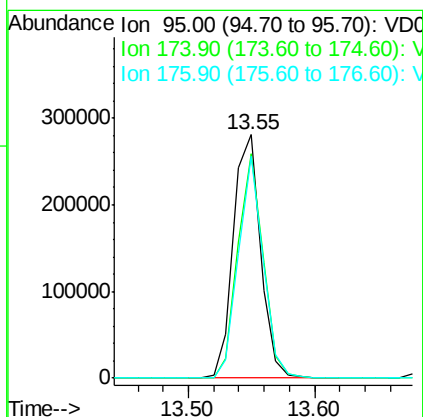
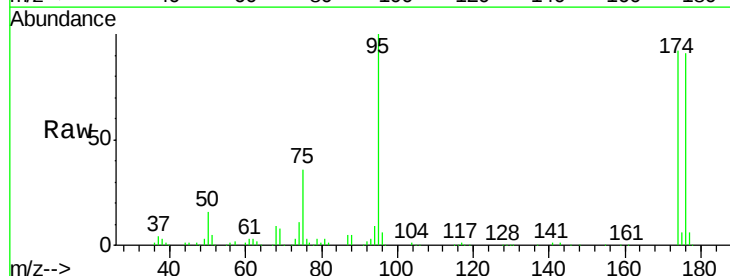
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBSD01

Tot Ion: 107 Resp: 131082  
 Ion Ratio Lower Upper  
 107 100  
 109 93.8 76.6 114.8



#62  
 4-Bromofluorobenzene  
 Concen: 22.098 ug/l  
 RT: 13.55 min Scan# 1232  
 Delta R.T. 0.00 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Tgt Ion: 95 Resp: 416578  
 Ion Ratio Lower Upper  
 95 100  
 174 92.1 0.0 178.0  
 176 91.1 0.0 175.0

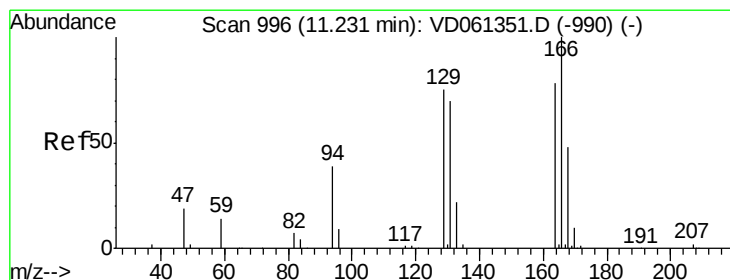
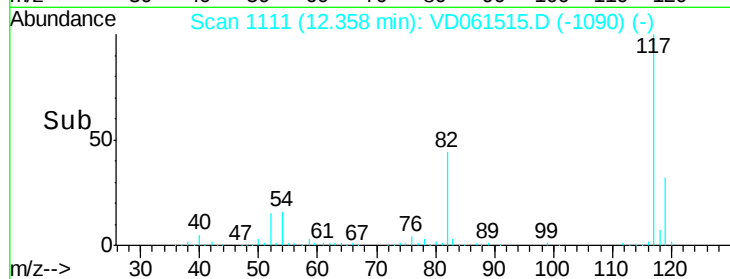
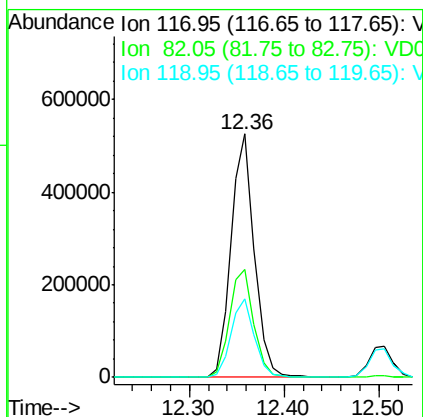
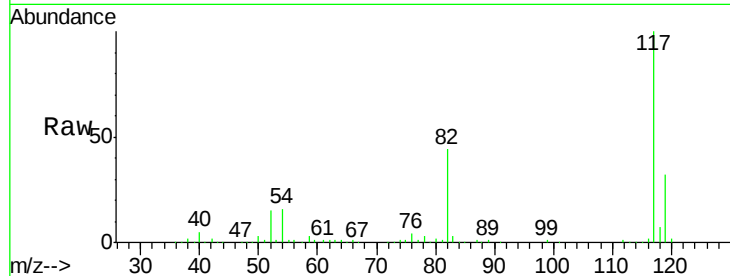




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

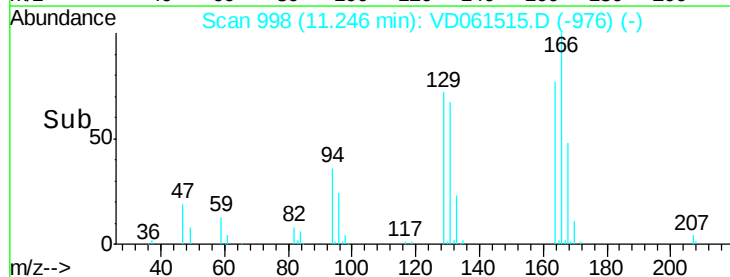
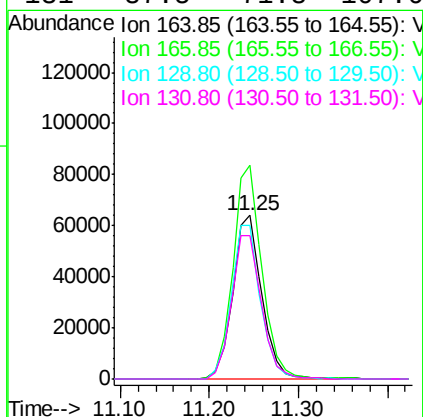
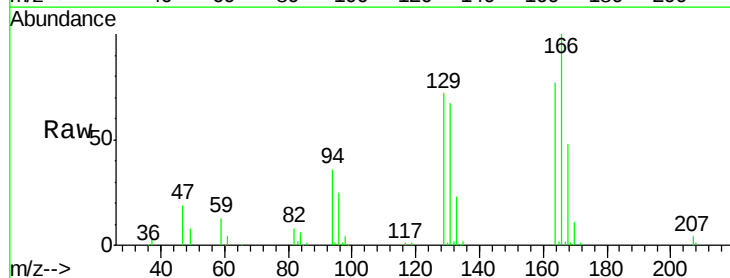
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBSD01

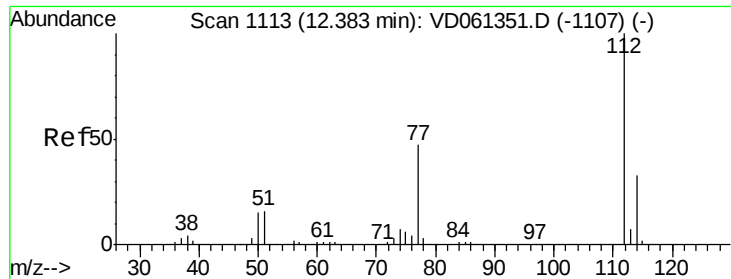
Tot Ion:117 Resp: 892706  
Ion Ratio Lower Upper  
117 100  
82 44.1 34.4 51.6  
119 32.4 25.8 38.6



#64  
Tetrachloroethene  
Concen: 20.687 ug/l  
RT: 11.25 min Scan# 998  
Delta R.T. 0.01 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion:164 Resp: 144934  
Ion Ratio Lower Upper  
164 100  
166 130.5 102.4 153.6  
129 94.0 76.8 115.2  
131 87.5 71.8 107.6

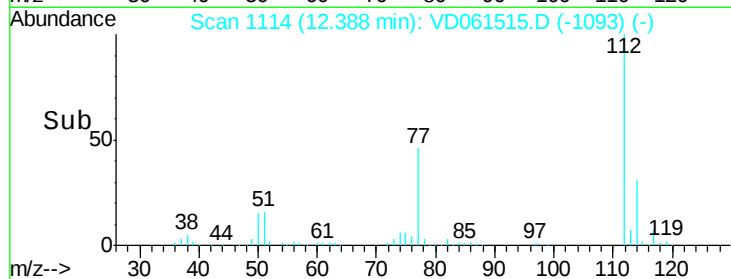
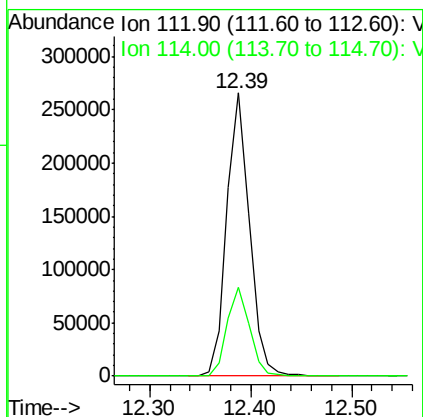
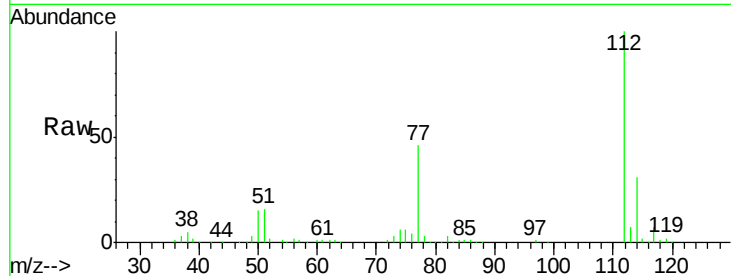




#65  
Chlorobenzene  
Concen: 22.851 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

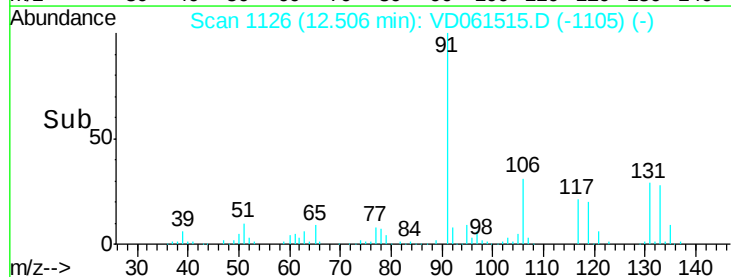
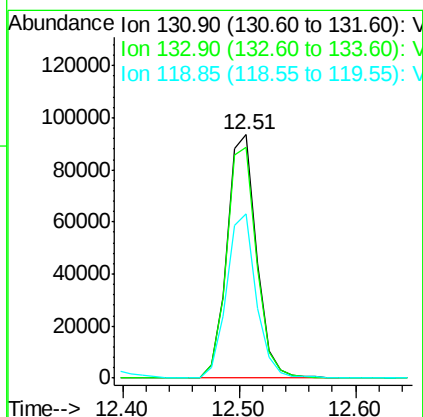
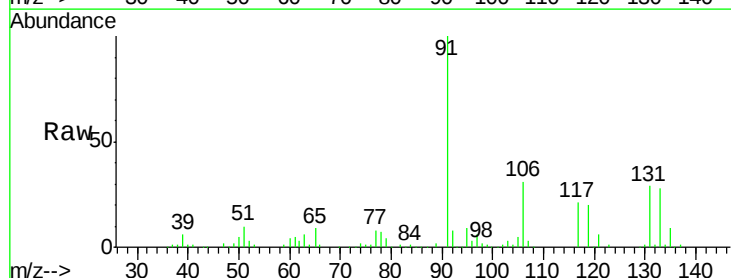
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBS01

Tot Ion:112 Resp: 416895  
Ion Ratio Lower Upper  
112 100  
114 31.3 26.6 39.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.235 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion:131 Resp: 164130  
Ion Ratio Lower Upper  
131 100  
133 94.8 49.4 148.2  
119 67.4 34.1 102.2

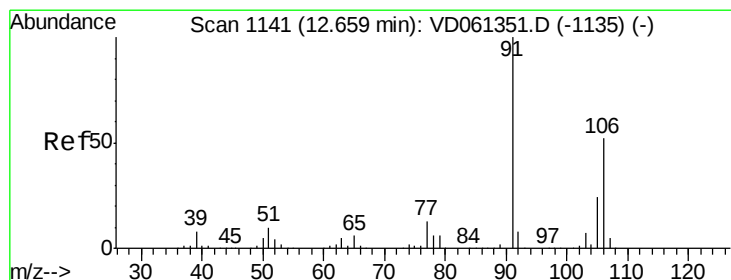
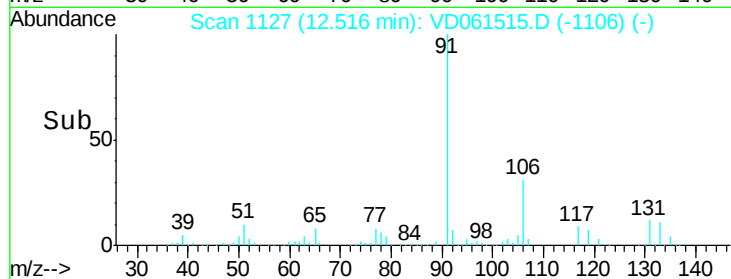
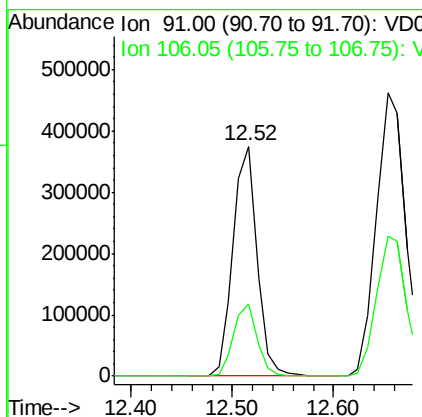
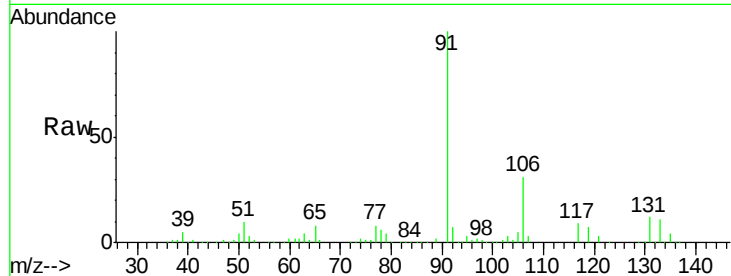




#67  
Ethyl Benzene  
Concen: 22.292 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

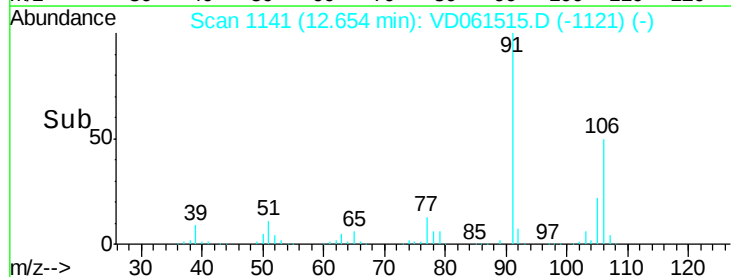
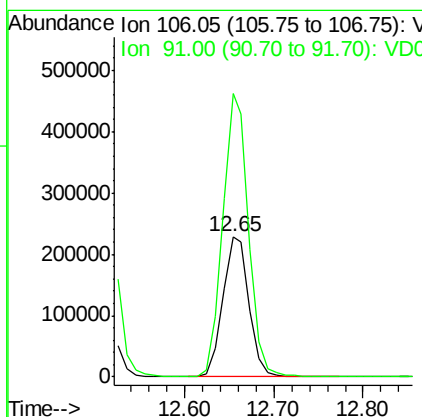
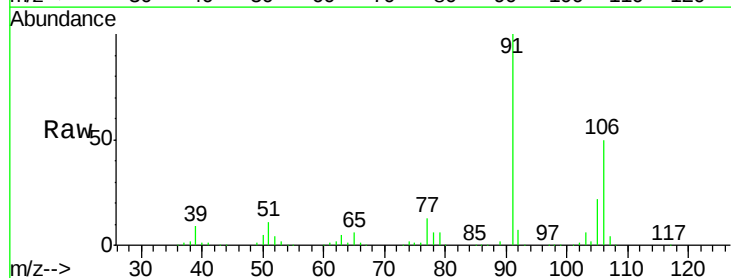
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBSD01

Tot Ion: 91 Resp: 620759  
Ion Ratio Lower Upper  
91 100  
106 31.3 26.1 39.1



#68  
m/p-Xylenes  
Concen: 44.601 ug/l  
RT: 12.65 min Scan# 1141  
Delta R.T. -0.01 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion: 106 Resp: 470475  
Ion Ratio Lower Upper  
106 100  
91 202.0 153.1 229.7

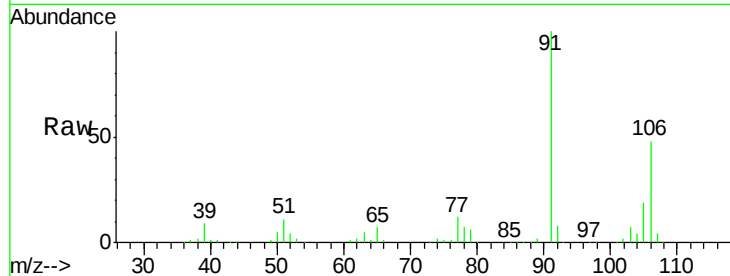




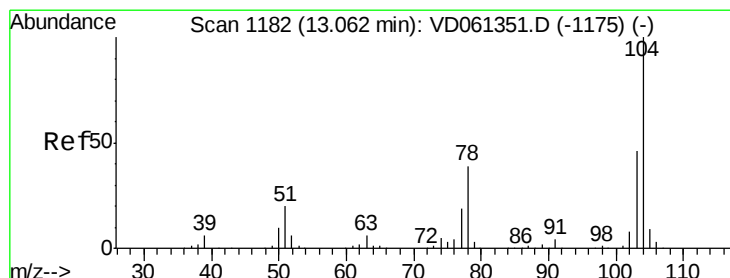
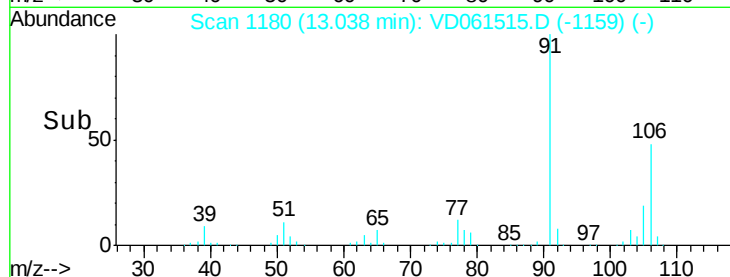
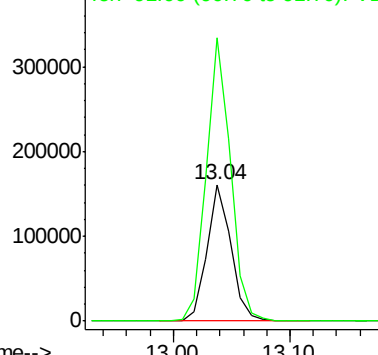
#69  
o-Xylene  
Concen: 22.477 ug/l  
RT: 13.04 min Scan# 1180  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBSD01

Tot Ion:106 Resp: 230087  
Ion Ratio Lower Upper  
106 100  
91 207.1 103.8 311.3

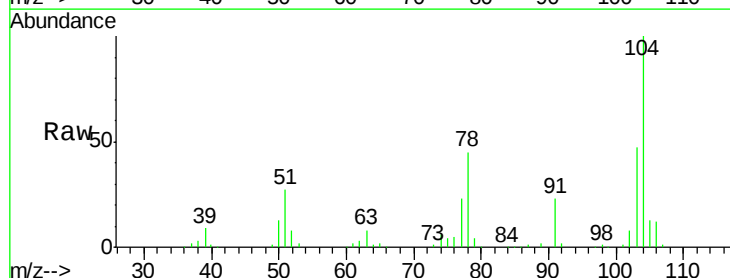


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

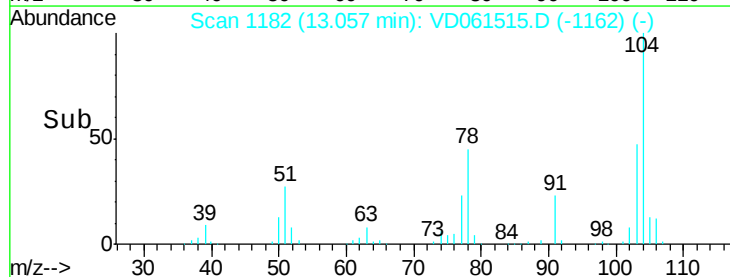
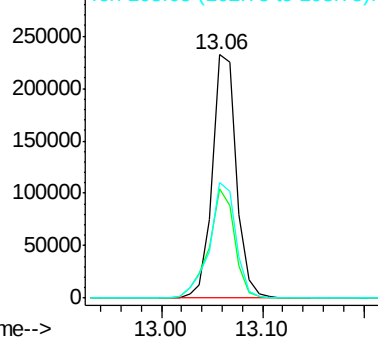


#70  
Styrene  
Concen: 21.621 ug/l  
RT: 13.06 min Scan# 1182  
Delta R.T. -0.01 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion:104 Resp: 385820  
Ion Ratio Lower Upper  
104 100  
78 44.9 31.0 46.6  
103 47.2 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

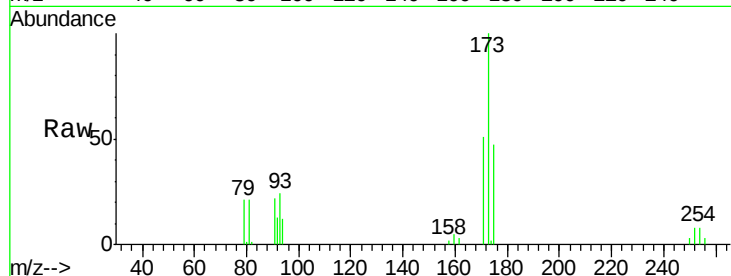




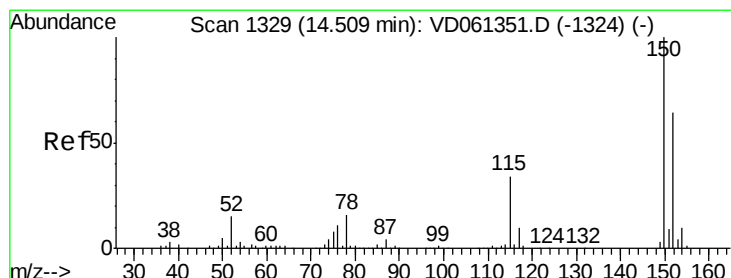
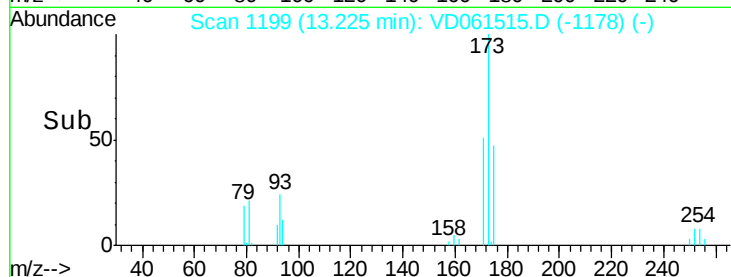
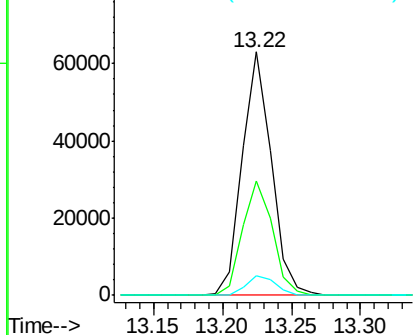
#71  
Bromoform  
Concen: 20.876 ug/l  
RT: 13.22 min Scan# 1199  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBSD01

Tot Ion:173 Resp: 93479  
Ion Ratio Lower Upper  
173 100  
175 46.9 24.6 73.8  
254 8.2 6.6 10.0

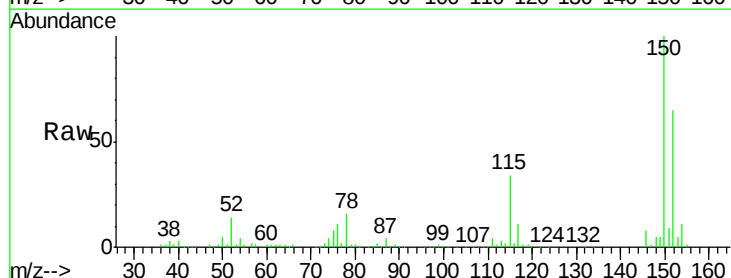


Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V

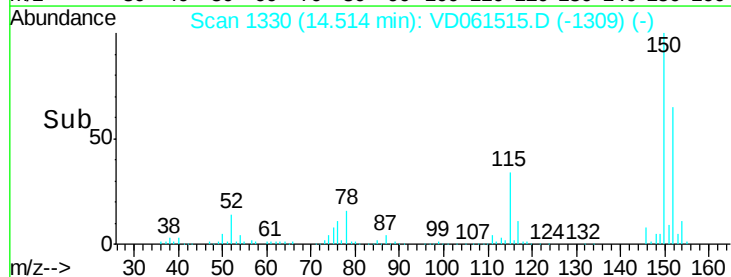
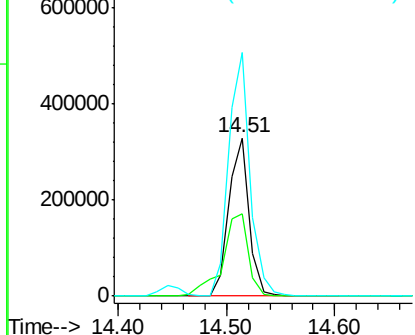


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.51 min Scan# 1330  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion:152 Resp: 430205  
Ion Ratio Lower Upper  
152 100  
115 51.9 26.9 80.6  
150 153.9 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: 22.597 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

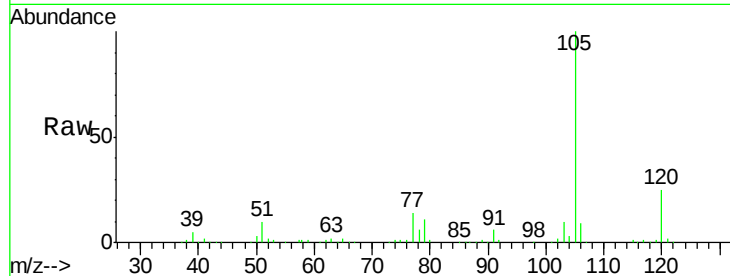
VD0402SBS01

Tot Ion:105 Resp: 676595

Ion Ratio Lower Upper

105 100

120 24.9 12.8 38.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.39

500000

400000

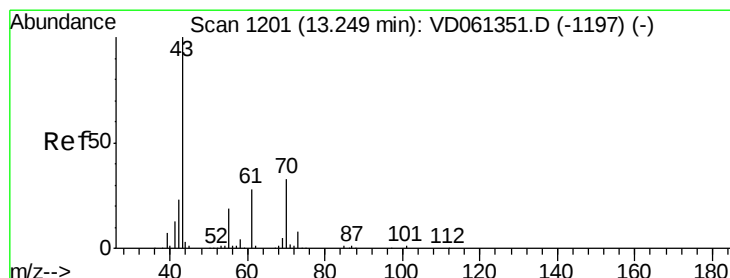
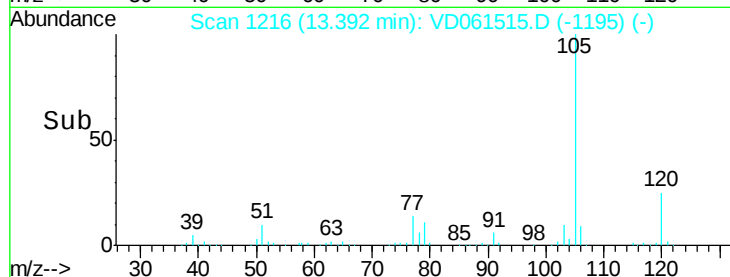
300000

200000

100000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 19.474 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Tgt Ion: 43 Resp: 162428

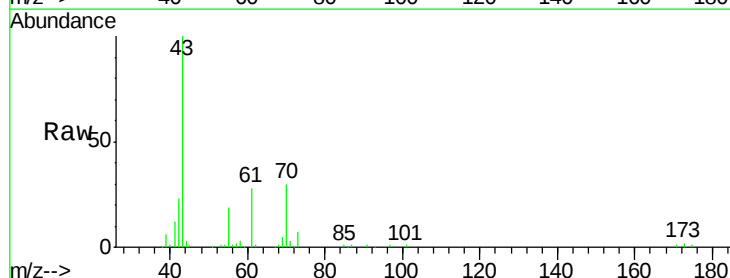
Ion Ratio Lower Upper

43 100

70 30.3 26.6 40.0

55 19.2 15.4 23.2

61 27.5 22.2 33.4



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

13.25

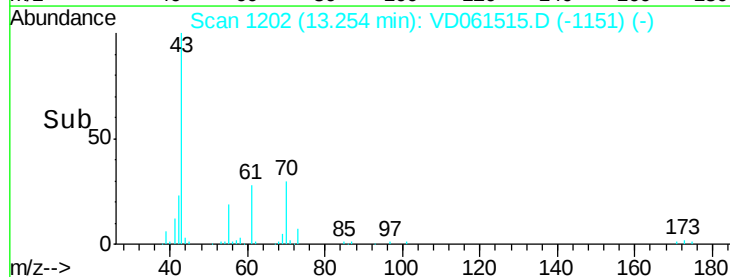
150000

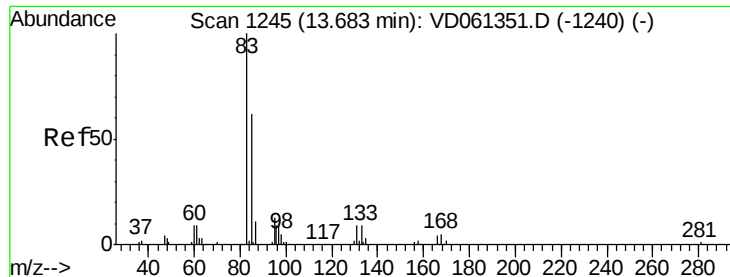
100000

50000

0

Time--> 13.20 13.25 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 21.137 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBSD01

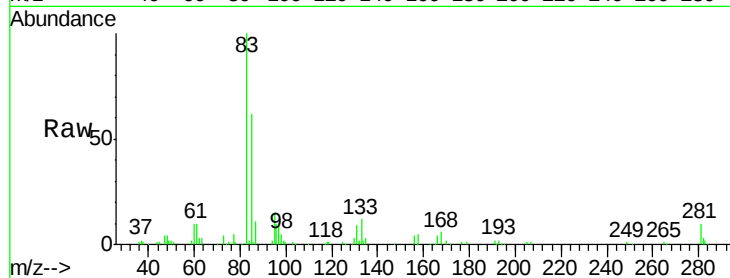
Tot Ion: 83 Resp: 133509

Ion Ratio Lower Upper

83 100

131 9.2 4.3 13.1

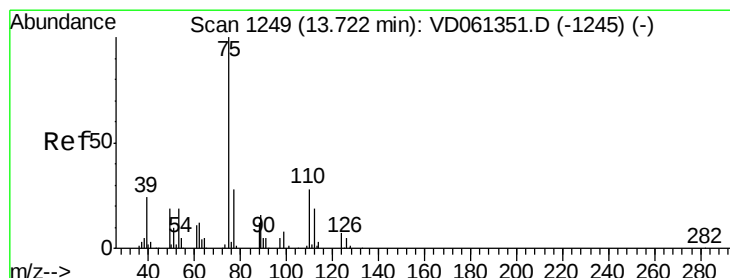
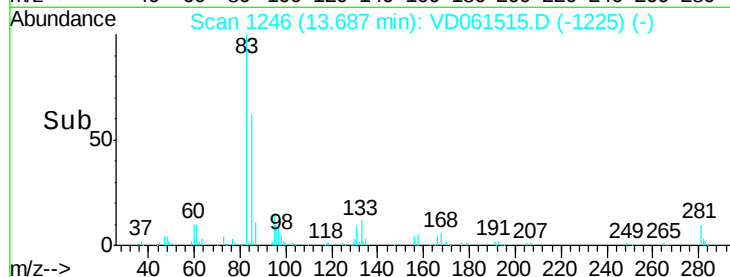
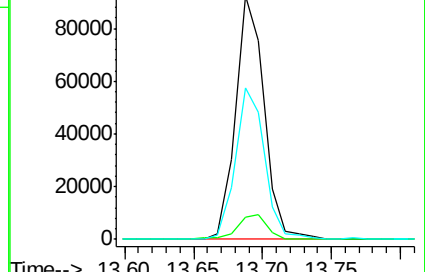
85 62.1 31.2 93.6



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 19.052 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VD061515.D

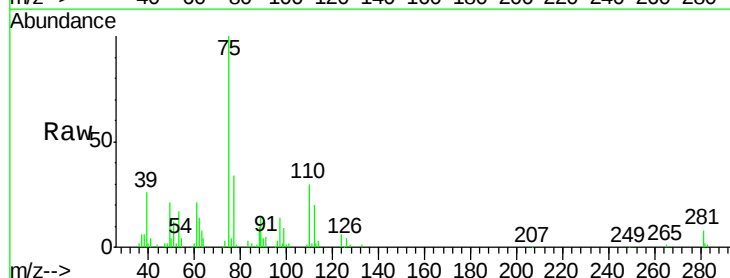
Acq: 2 Apr 2019 15:38

Tgt Ion: 75 Resp: 118394

Ion Ratio Lower Upper

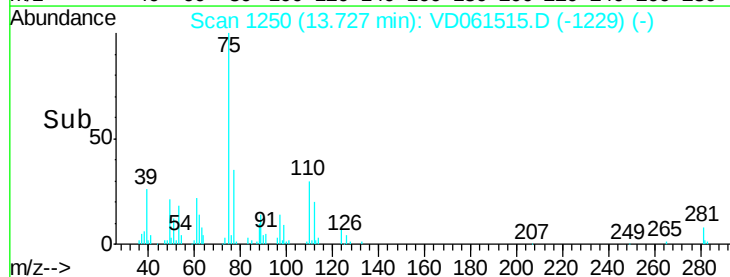
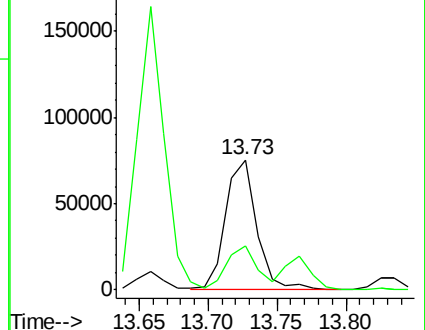
75 100

77 34.1 16.2 48.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 20.592 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBS01

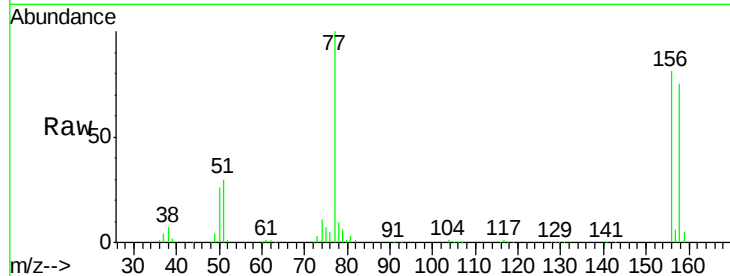
Tot Ion:156 Resp: 182787

Ion Ratio Lower Upper

156 100

77 123.7 68.5 205.6

158 93.2 49.1 147.3



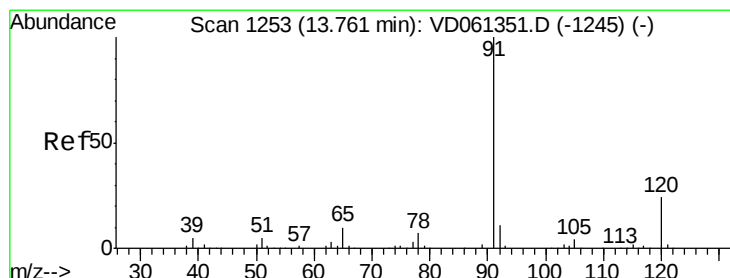
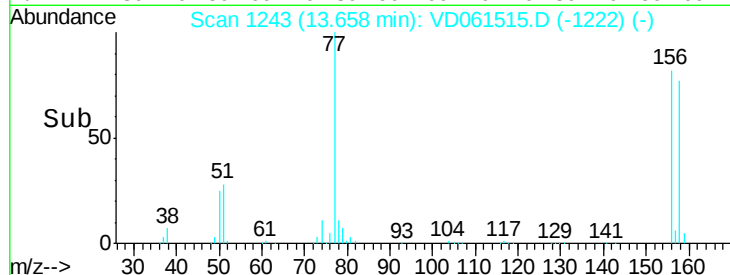
Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V

13.66

Time-->



#78

n-propylbenzene

Concen: 20.305 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD061515.D

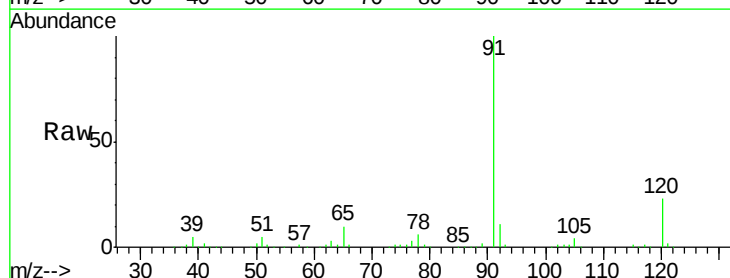
Acq: 2 Apr 2019 15:38

Tgt Ion: 91 Resp: 744001

Ion Ratio Lower Upper

91 100

120 22.9 11.8 35.3

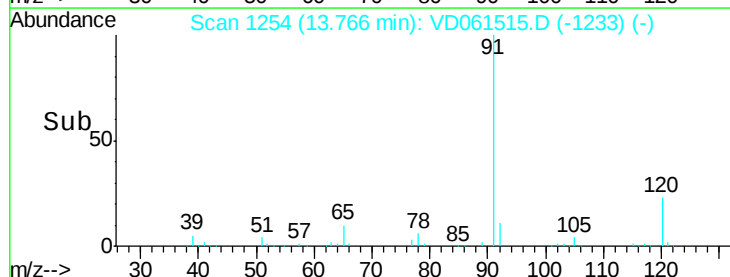


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

13.77

Time-->





#79

2-Chlorotoluene

Concen: 21.289 ug/l

RT: 13.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

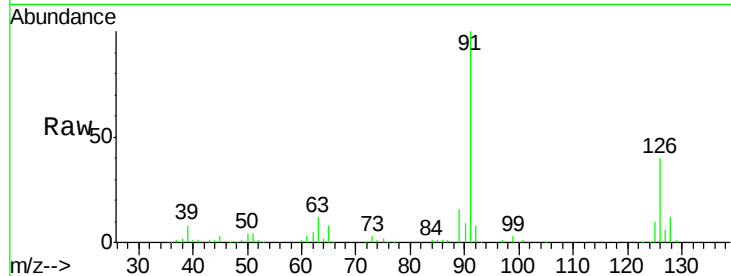
VD0402SBSD01

Tot Ion: 91 Resp: 423556

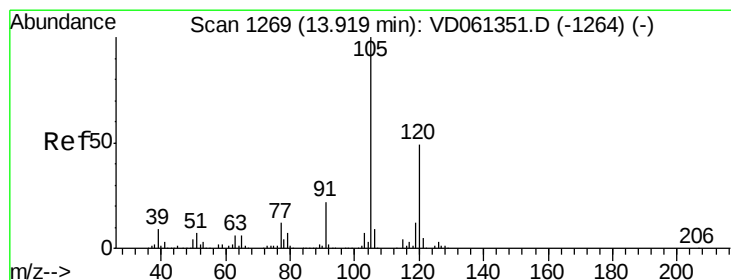
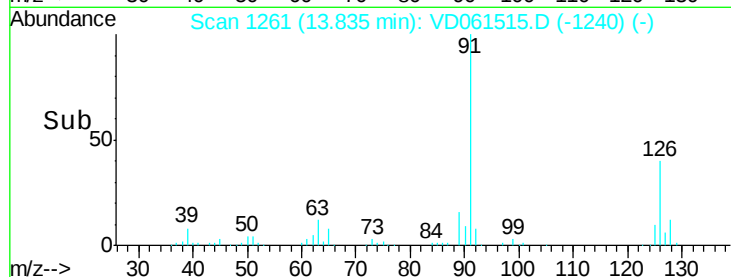
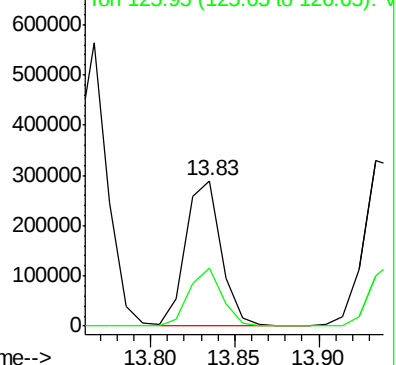
Ion Ratio Lower Upper

91 100

126 39.7 19.4 58.2



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 23.535 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD061515.D

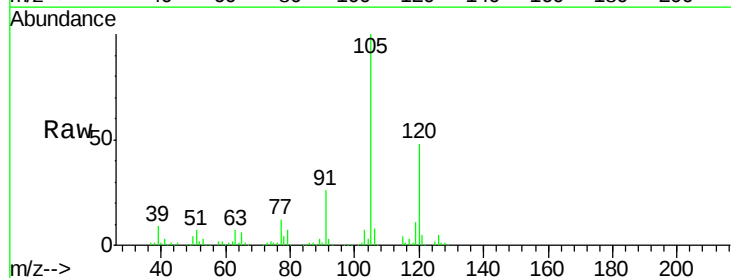
Acq: 2 Apr 2019 15:38

Tgt Ion:105 Resp: 546762

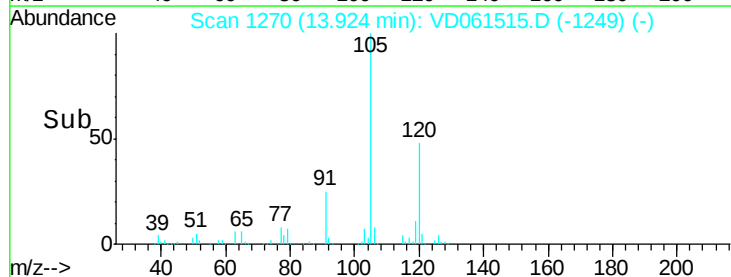
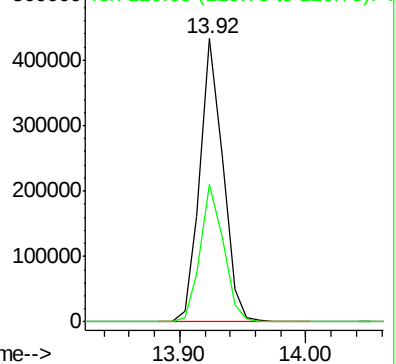
Ion Ratio Lower Upper

105 100

120 48.4 24.6 73.6



Abundance Ion 105.05 (104.75 to 105.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.197 ug/l

RT: 13.46 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBSD01

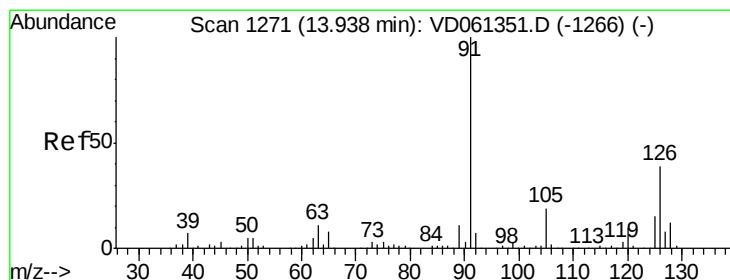
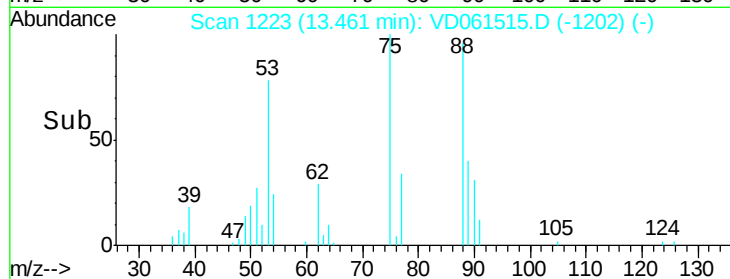
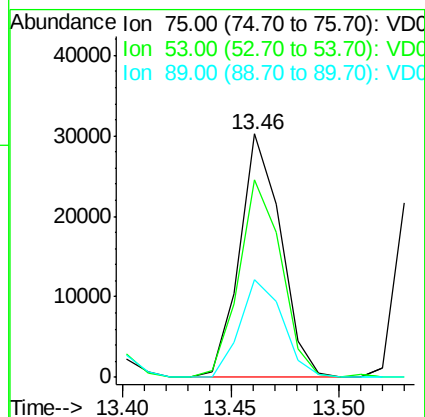
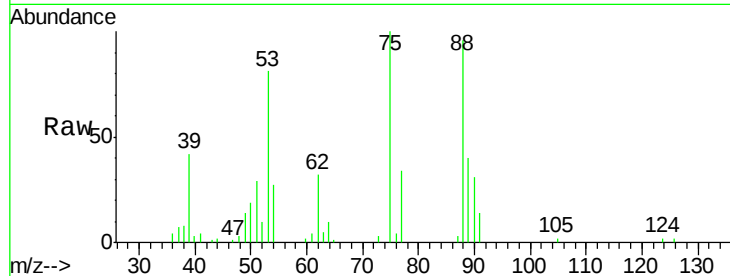
Tot Ion: 75 Resp: 40164

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 81.0  | 63.8  | 95.8  |
| 89  | 40.0  | 30.5  | 45.7  |

75 100

53 81.0 63.8 95.8

89 40.0 30.5 45.7



#82

4-Chlorotoluene

Concen: 24.107 ug/l

RT: 13.93 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VD061515.D

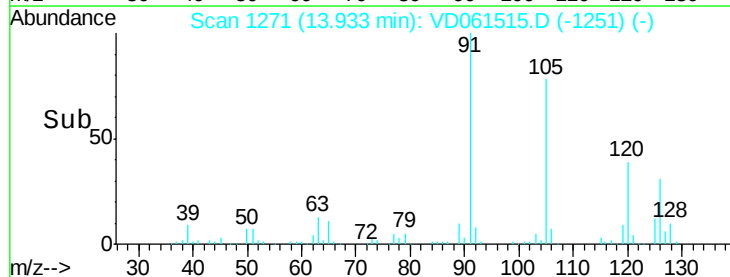
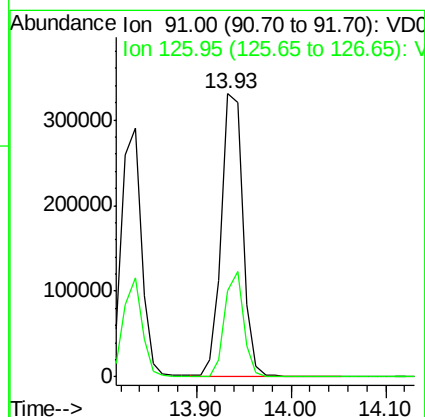
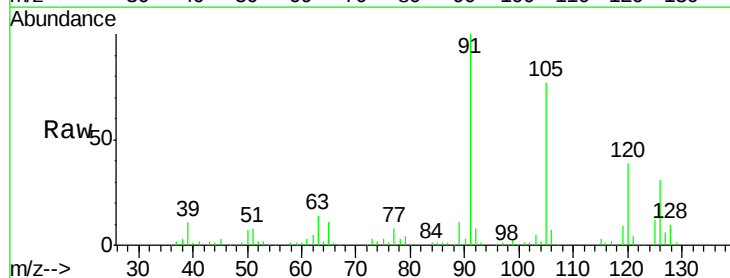
Acq: 2 Apr 2019 15:38

Tgt Ion: 91 Resp: 521520

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 30.7  | 19.6  | 58.8  |

91 100

126 30.7 19.6 58.8

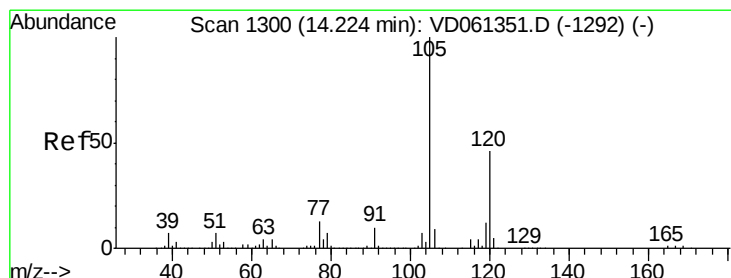
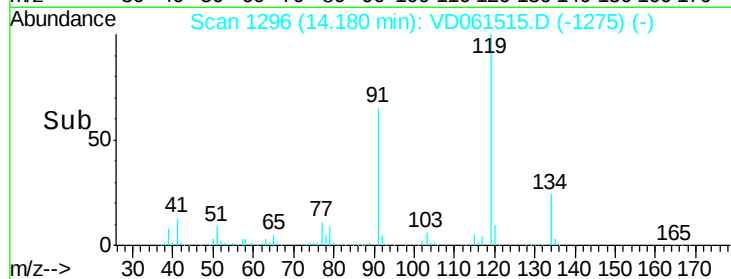
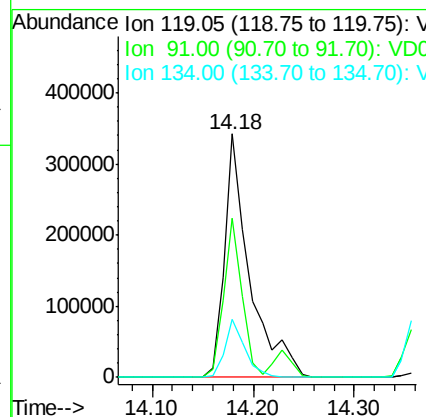
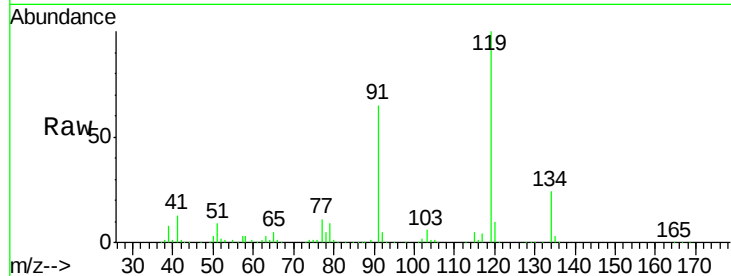




#83  
 tert-Butylbenzene  
 Concen: 20.564 ug/l  
 RT: 14.18 min Scan# 1296  
 Delta R.T. 0.00 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

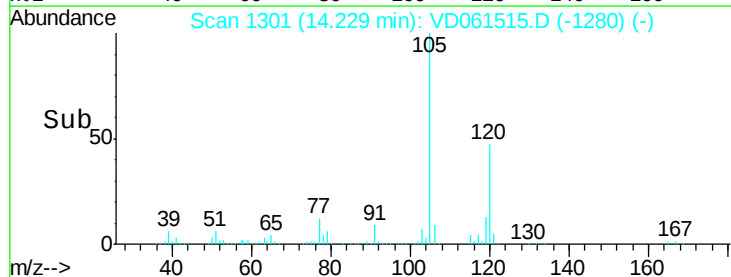
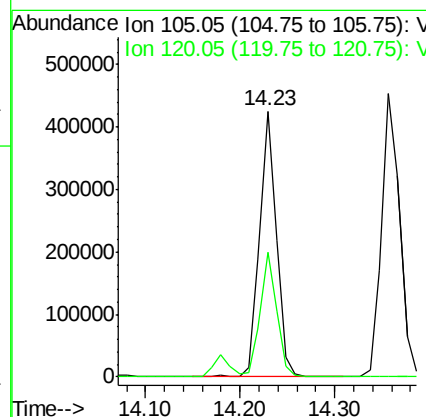
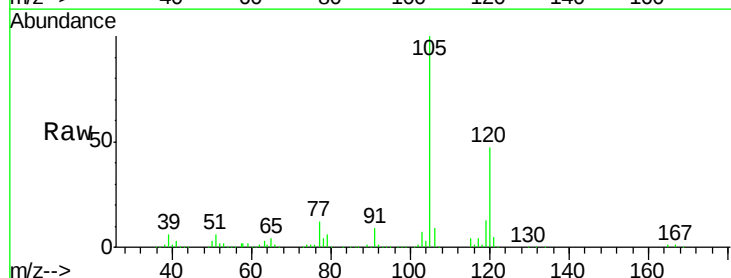
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBSD01

Tot Ion:119 Resp: 597029  
 Ion Ratio Lower Upper  
 119 100  
 91 65.5 34.1 102.3  
 134 23.6 11.6 34.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.958 ug/l  
 RT: 14.23 min Scan# 1301  
 Delta R.T. 0.00 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Tgt Ion:105 Resp: 527104  
 Ion Ratio Lower Upper  
 105 100  
 120 46.6 22.8 68.4





#85

sec-Butylbenzene

Concen: 19.794 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

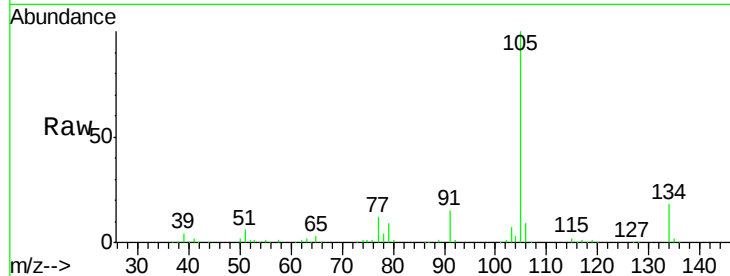
VD0402SBS01

Tot Ion:105 Resp: 610502

Ion Ratio Lower Upper

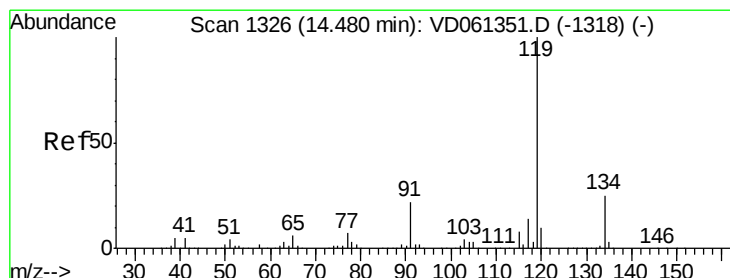
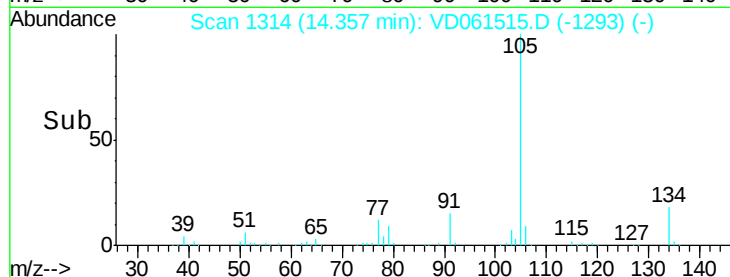
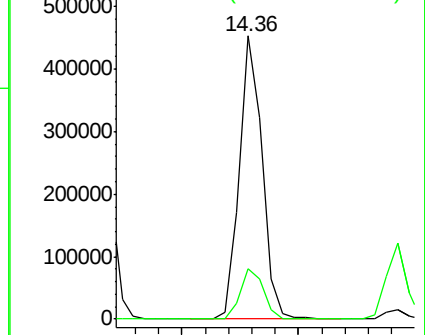
105 100

134 17.7 8.7 26.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 23.268 ug/l

RT: 14.48 min Scan# 1327

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

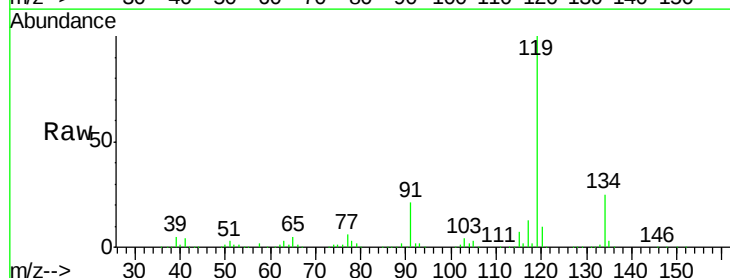
Tgt Ion:119 Resp: 606835

Ion Ratio Lower Upper

119 100

134 24.5 12.3 36.8

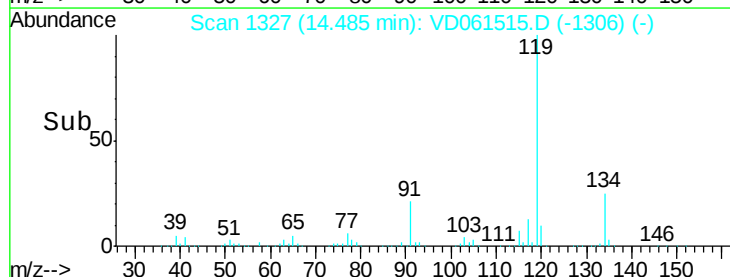
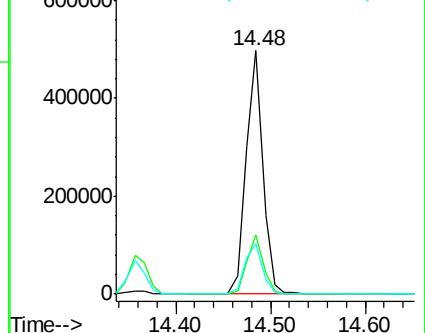
91 20.8 11.1 33.1



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

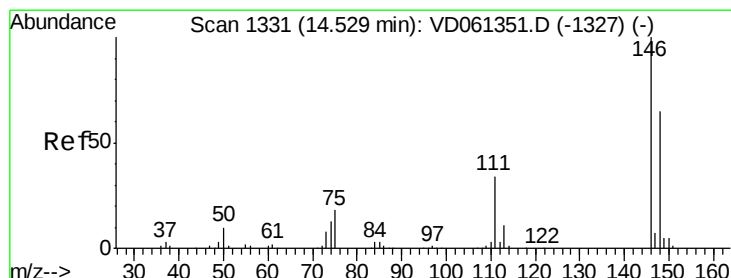
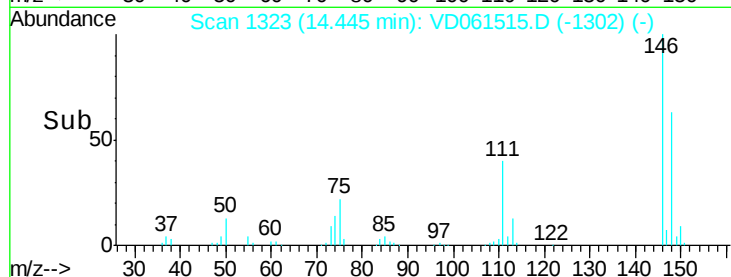
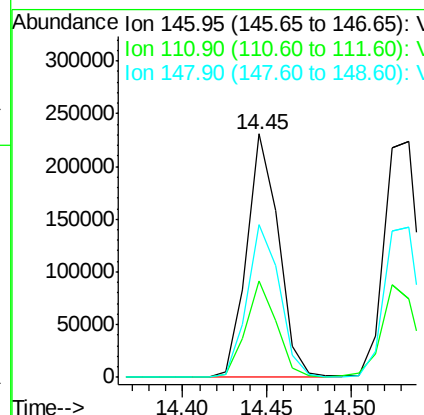
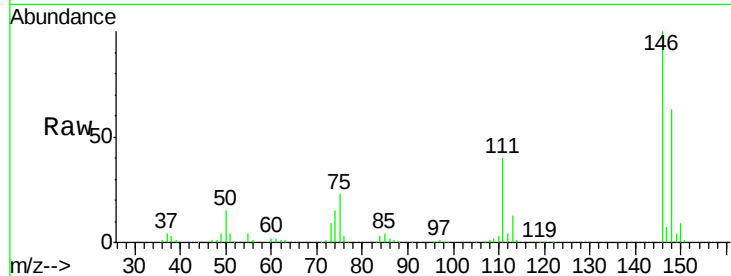




#87  
 1,3-Dichlorobenzene  
 Concen: 20.171 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. 0.00 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

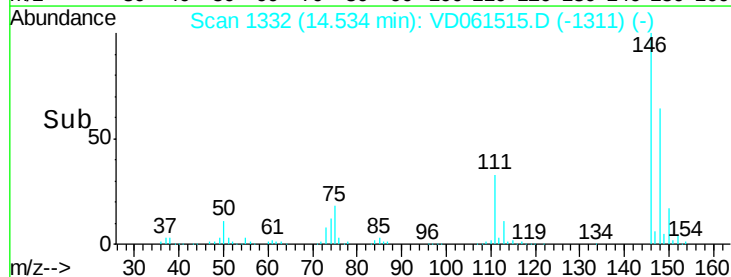
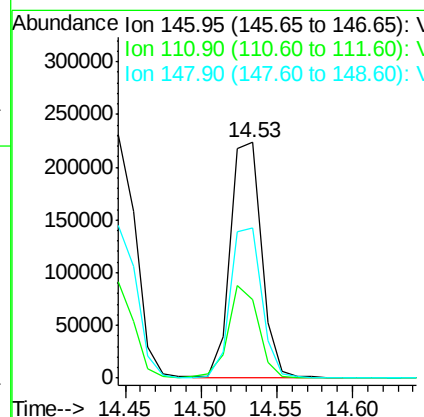
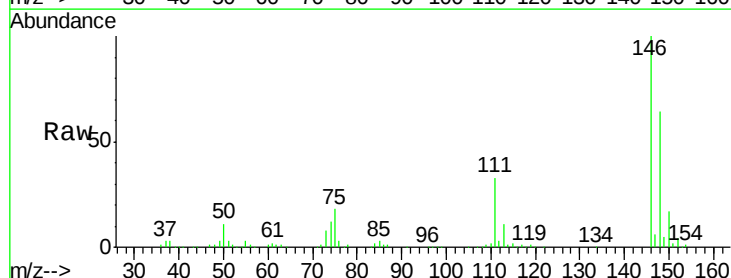
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBSD01

Tot Ion:146 Resp: 303193  
 Ion Ratio Lower Upper  
 146 100  
 111 39.5 20.6 61.9  
 148 62.9 31.1 93.3



#88  
 1,4-Dichlorobenzene  
 Concen: 21.860 ug/l  
 RT: 14.53 min Scan# 1332  
 Delta R.T. 0.00 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Tgt Ion:146 Resp: 320444  
 Ion Ratio Lower Upper  
 146 100  
 111 33.3 16.8 50.4  
 148 63.5 32.6 98.0





#89

n-Butylbenzene

Concen: 22.384 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBSD01

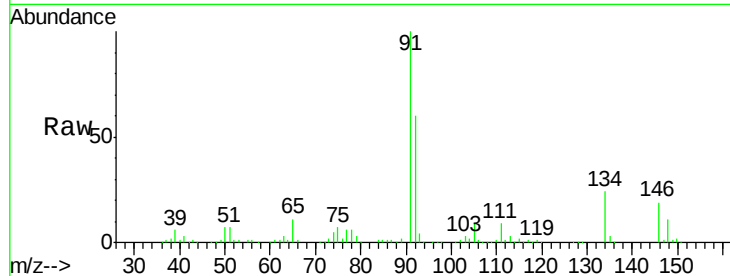
Tot Ion: 91 Resp: 535820

Ion Ratio Lower Upper

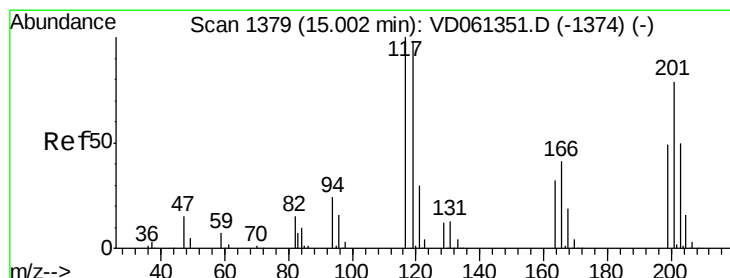
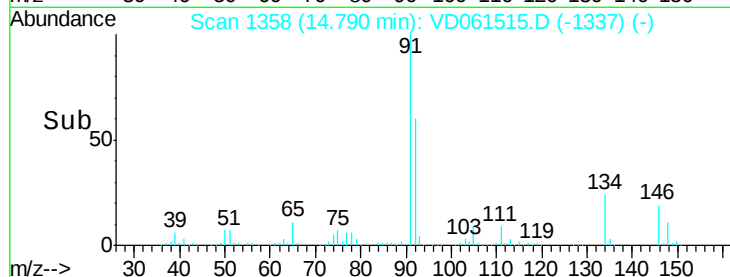
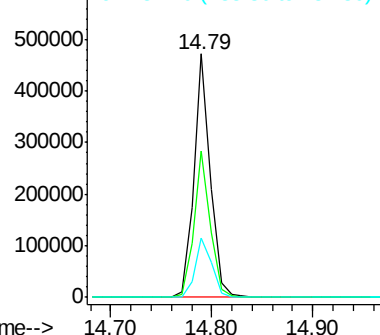
91 100

92 60.3 30.3 91.0

134 24.4 12.4 37.0



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



#90

Hexachloroethane

Concen: 21.489 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD061515.D

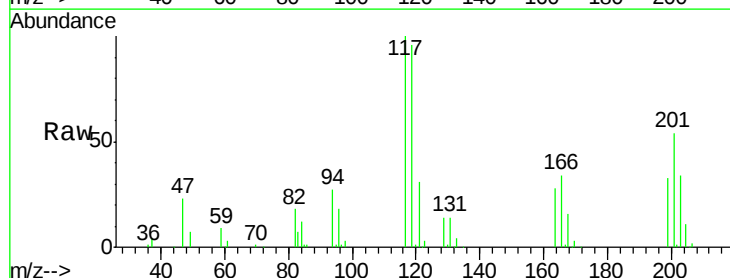
Acq: 2 Apr 2019 15:38

Tgt Ion: 117 Resp: 158336

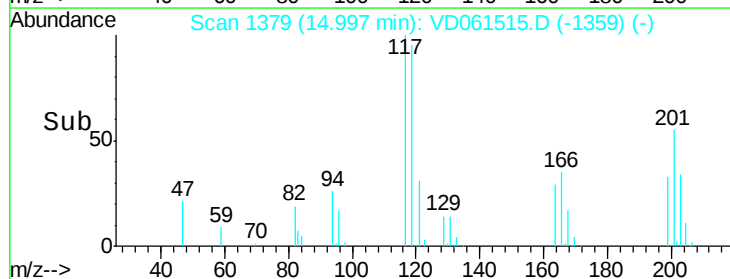
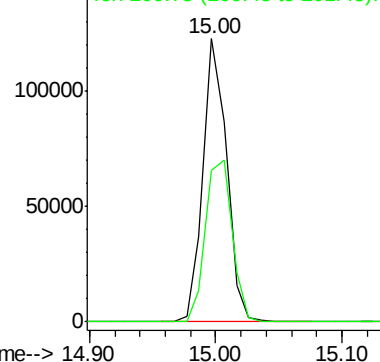
Ion Ratio Lower Upper

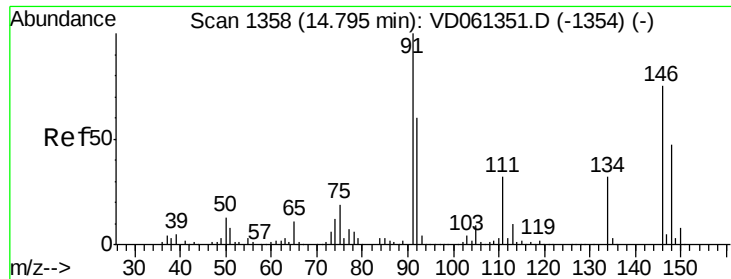
117 100

201 53.7 39.6 119.0



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





#91

1,2-Dichlorobenzene

Concen: 21.957 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0402SBSD01

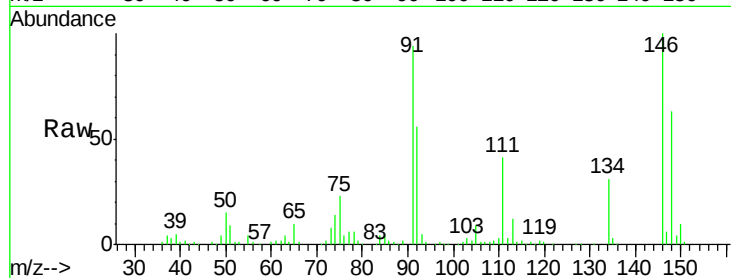
Tot Ion:146 Resp: 270715

Ion Ratio Lower Upper

146 100

111 40.8 21.2 63.6

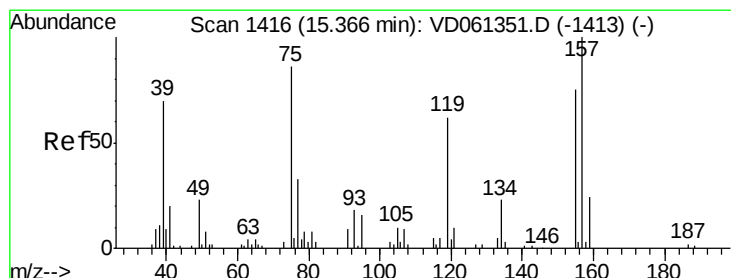
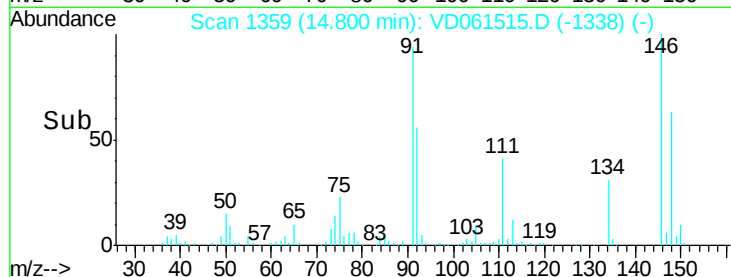
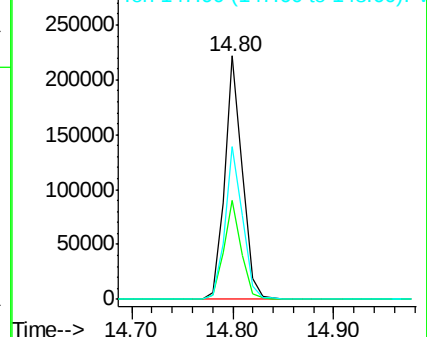
148 62.9 31.6 95.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.388 ug/l

RT: 15.37 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VD061515.D

Acq: 2 Apr 2019 15:38

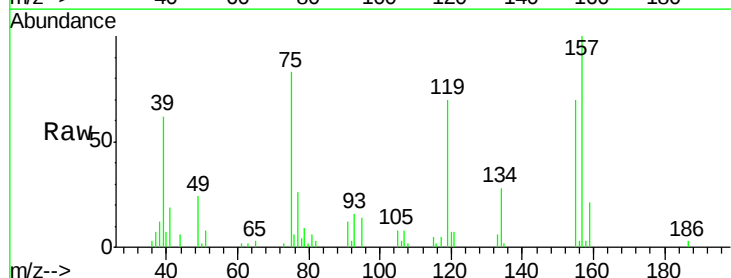
Tgt Ion: 75 Resp: 15844

Ion Ratio Lower Upper

75 100

155 84.8 43.6 130.9

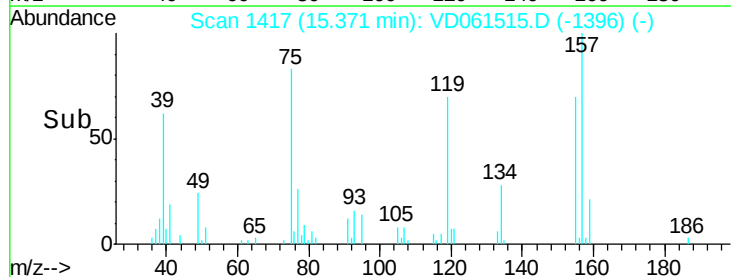
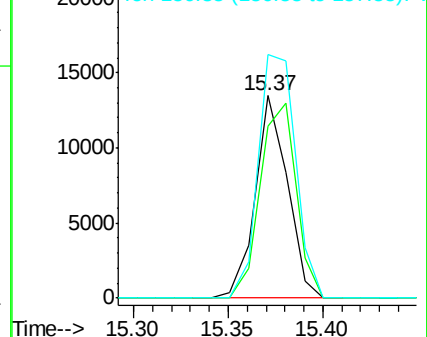
157 120.5 58.5 175.3

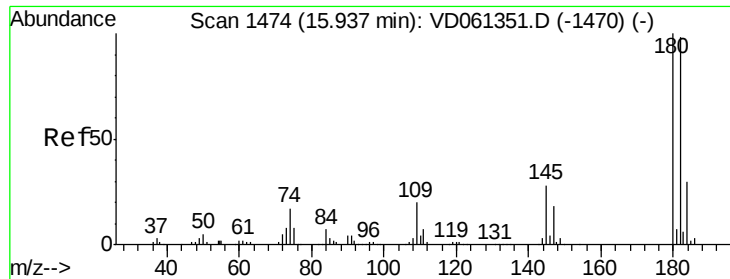


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

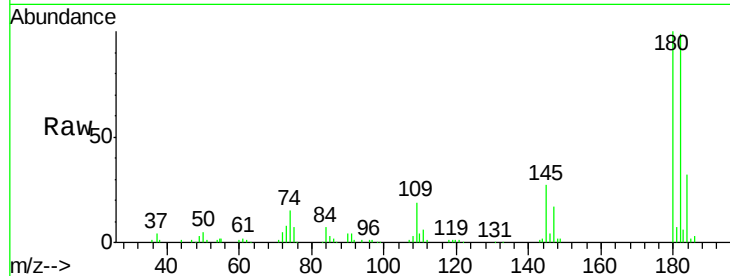




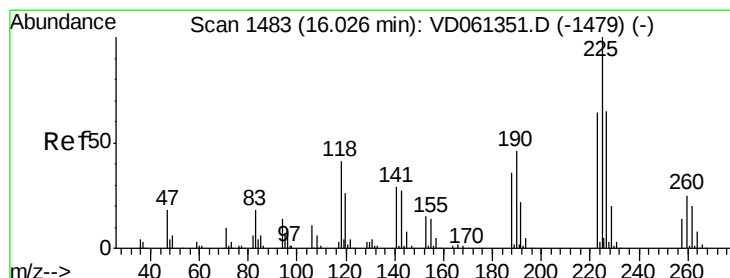
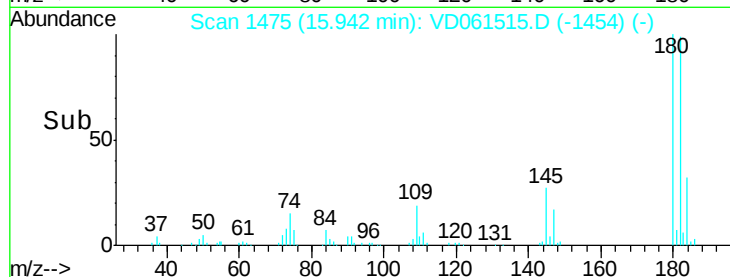
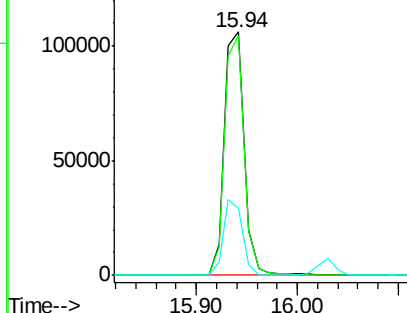
#93  
 1,2,4-Trichlorobenzene  
 Concen: 25.961 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. 0.00 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0402SBS01

Tot Ion:180 Resp: 145812  
 Ion Ratio Lower Upper  
 180 100  
 182 98.7 48.9 146.8  
 145 27.3 14.1 42.3

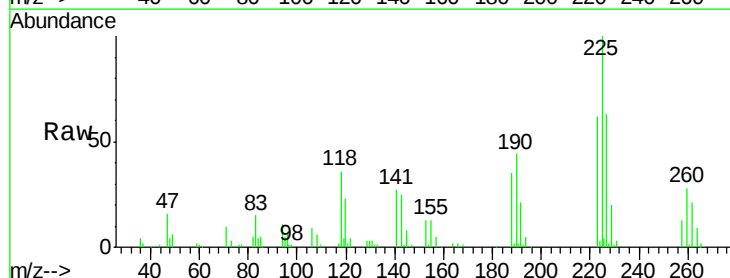


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

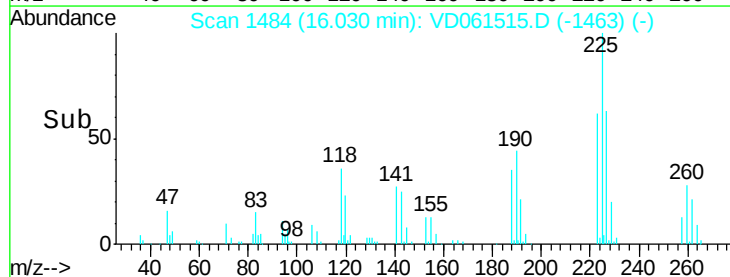
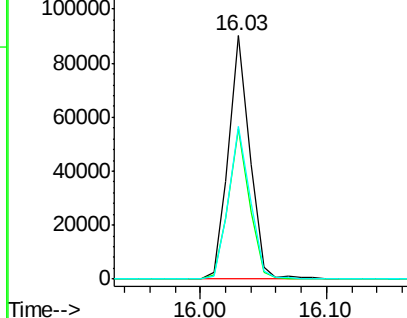


#94  
 Hexachlorobutadiene  
 Concen: 23.986 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. 0.00 min  
 Lab File: VD061515.D  
 Acq: 2 Apr 2019 15:38

Tgt Ion:225 Resp: 105270  
 Ion Ratio Lower Upper  
 225 100  
 223 61.5 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

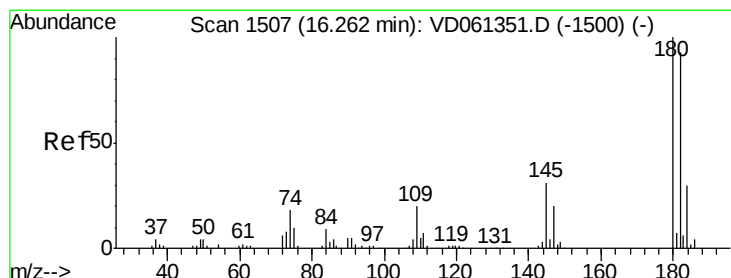
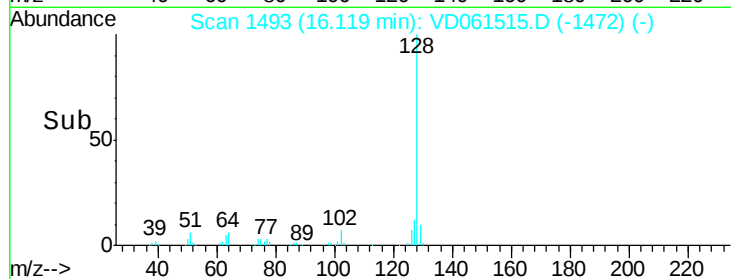
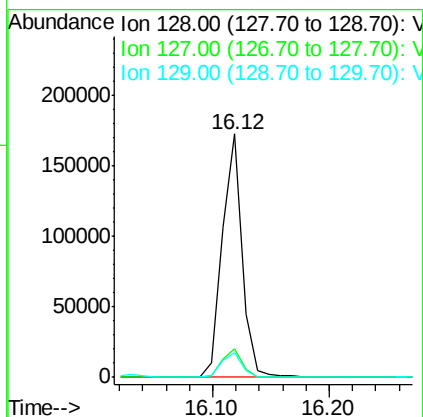
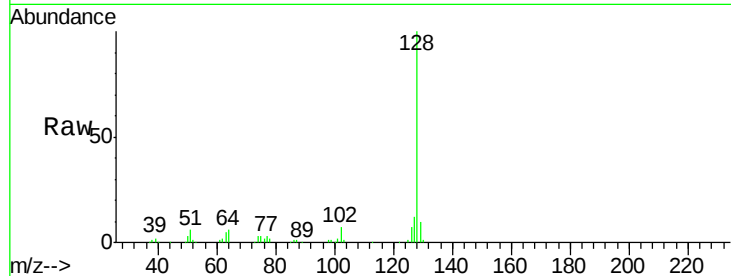




#95  
Naphthalene  
Concen: 23.797 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0402SBSD01

Tot Ion:128 Resp: 203729  
Ion Ratio Lower Upper  
128 100  
127 11.9 9.9 14.9  
129 10.4 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 28.936 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. 0.00 min  
Lab File: VD061515.D  
Acq: 2 Apr 2019 15:38

Tgt Ion:180 Resp: 71515  
Ion Ratio Lower Upper  
180 100  
182 98.0 46.4 139.1  
145 29.1 15.3 45.9

