

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\  
 Data File : VD058384.D  
 Acq On : 24 Jun 2018 21:04  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 25 05:49:40 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 20 05:52:56 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 819510   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.70  | 114  | 1081367  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.69 | 117  | 852031   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.91 | 152  | 453427   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 456421   | 55.14 | ug/l    | 0.02     |
| Spiked Amount               |       |      | Recovery | =     | 110.28% |          |
| 35) Dibromofluoromethane    | 5.55  | 113  | 461487   | 52.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.86% |          |
| 50) Toluene-d8              | 8.71  | 98   | 1100806  | 51.70 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.40% |          |
| 62) 4-Bromofluorobenzene    | 11.93 | 95   | 453217   | 52.10 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.20% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.34 | 85   | 390079   | 50.99  | ug/l  | 99     |
| 3) Chloromethane              | 1.49 | 50   | 187140   | 52.55  | ug/l  | 95     |
| 4) Vinyl Chloride             | 1.56 | 62   | 216364   | 50.40  | ug/l  | 99     |
| 5) Bromomethane               | 1.79 | 94   | 76617    | 53.85  | ug/l  | 98     |
| 6) Chloroethane               | 1.88 | 64   | 97362    | 64.64  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 2.09 | 101  | 320196   | 54.40  | ug/l  | 94     |
| 8) Diethyl Ether              | 2.35 | 74   | 69654    | 55.95  | ug/l  | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.55 | 101  | 191343   | 51.13  | ug/l  | 94     |
| 10) Methyl Iodide             | 2.69 | 142  | 233277   | 54.80  | ug/l  | 97     |
| 11) Tert butyl alcohol        | 3.27 | 59   | 86998    | 318.66 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.54 | 96   | 145192   | 51.57  | ug/l  | 90     |
| 13) Acrolein                  | 2.47 | 56   | 20162    | 129.37 | ug/l  | 83     |
| 14) Allyl chloride            | 2.93 | 41   | 341595   | 52.13  | ug/l  | 95     |
| 15) Acrylonitrile             | 3.36 | 53   | 229175   | 316.58 | ug/l  | 94     |
| 16) Acetone                   | 2.61 | 43   | 281773   | 248.91 | ug/l  | 93     |
| 17) Carbon Disulfide          | 2.76 | 76   | 457907   | 47.80  | ug/l  | 98     |
| 18) Methyl Acetate            | 2.94 | 43   | 139654   | 57.85  | ug/l  | 93     |
| 19) Methyl tert-butyl Ether   | 3.41 | 73   | 664386   | 88.97  | ug/l  | 98     |
| 20) Methylene Chloride        | 3.07 | 84   | 162677   | 55.58  | ug/l  | 88     |
| 21) trans-1,2-Dichloroethene  | 3.40 | 96   | 222157   | 72.20  | ug/l  | 96     |
| 22) Diisopropyl ether         | 4.08 | 45   | 1240835  | 47.68  | ug/l  | 93     |
| 23) Vinyl Acetate             | 4.02 | 43   | 3504988  | 251.23 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.98 | 63   | 702592   | 50.11  | ug/l  | 98     |
| 25) 2-Butanone                | 4.84 | 43   | 623026   | 252.51 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.81 | 77   | 562954   | 47.95  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.81 | 96   | 408923   | 53.18  | ug/l  | 99     |
| 28) Bromochloromethane        | 5.15 | 49   | 319294   | 50.80  | ug/l  | 94     |
| 29) Tetrahydrofuran           | 5.19 | 42   | 328902   | 250.44 | ug/l  | 100    |
| 30) Chloroform                | 5.33 | 83   | 757972   | 51.21  | ug/l  | 94     |
| 31) Cyclohexane               | 5.59 | 56   | 502850   | 49.32  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 5.52 | 97   | 663153   | 54.22  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.75 | 75   | 515790   | 48.22  | ug/l  | 97     |
| 37) Ethyl Acetate             | 4.93 | 43   | 305108   | 50.06  | ug/l  | 97     |
| 38) Carbon Tetrachloride      | 5.73 | 117  | 544579   | 51.23  | ug/l  | 99     |

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 Acq On : 24 Jun 2018 21:04  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Jun 25 05:49:40 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 20 05:52:56 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.29  | 83   | 481837   | 46.24   | ug/l  | 95       |
| 40) Benzene                    | 6.02  | 78   | 1218724  | 47.83   | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.13  | 41   | 151985   | 51.64   | ug/l  | 97       |
| 42) 1,2-Dichloroethane         | 6.14  | 62   | 548315   | 53.36   | ug/l  | 99       |
| 43) Isopropyl Acetate          | 7.62  | 43   | 401695   | 49.43   | ug/l  | 99       |
| 44) Trichloroethene            | 6.98  | 130  | 404120   | 52.81   | ug/l  | 99       |
| 45) 1,2-Dichloropropane        | 7.36  | 63   | 337637   | 49.20   | ug/l  | 98       |
| 46) Dibromomethane             | 7.46  | 93   | 241588   | 51.57   | ug/l  | 92       |
| 47) Bromodichloromethane       | 7.75  | 83   | 570930   | 53.44   | ug/l  | 97       |
| 48) Methyl methacrylate        | 7.51  | 41   | 256380   | 51.91   | ug/l  | 98       |
| 49) 1,4-Dioxane                | 7.49  | 88   | 51894    | 1164.04 | ug/l  | 89       |
| 51) 4-Methyl-2-Pentanone       | 8.61  | 43   | 1339271  | 252.68  | ug/l  | 100      |
| 52) Toluene                    | 8.81  | 92   | 710722   | 48.98   | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.20  | 75   | 472855   | 50.91   | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 8.37  | 75   | 552617   | 50.75   | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 9.46  | 97   | 269174   | 52.43   | ug/l  | 94       |
| 56) Ethyl methacrylate         | 9.32  | 69   | 315348   | 51.36   | ug/l  | 96       |
| 57) 1,3-Dichloropropane        | 9.67  | 76   | 424391   | 49.08   | ug/l  | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.19  | 63   | 793405   | 261.04  | ug/l  | 97       |
| 59) 2-Hexanone                 | 9.80  | 43   | 925794   | 241.73  | ug/l  | 96       |
| 60) Dibromochloromethane       | 9.97  | 129  | 397587   | 57.07   | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 10.10 | 107  | 299327   | 53.27   | ug/l  | 98       |
| 64) Tetrachloroethene          | 9.52  | 164  | 385317   | 53.75   | ug/l  | 97       |
| 65) Chlorobenzene              | 10.73 | 112  | 836267   | 52.47   | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.85 | 131  | 335170   | 54.49   | ug/l  | 94       |
| 67) Ethyl Benzene              | 10.86 | 91   | 1406566  | 49.99   | ug/l  | 99       |
| 68) m/p-Xylenes                | 11.02 | 106  | 976501   | 104.07  | ug/l  | 98       |
| 69) o-Xylene                   | 11.41 | 106  | 451292   | 50.36   | ug/l  | 99       |
| 70) Styrene                    | 11.43 | 104  | 741478   | 48.49   | ug/l  | 95       |
| 71) Bromoform                  | 11.60 | 173  | 292643   | 59.65   | ug/l  | 98       |
| 73) Isopropylbenzene           | 11.78 | 105  | 1397848  | 51.54   | ug/l  | 99       |
| 74) N-amyl acetate             | 11.65 | 43   | 533645   | 50.89   | ug/l  | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.08 | 83   | 307253   | 48.68   | ug/l  | 96       |
| 76) 1,2,3-Trichloropropane     | 12.11 | 75   | 330538   | 49.93   | ug/l  | 100      |
| 77) Bromobenzene               | 12.04 | 156  | 421482   | 51.90   | ug/l  | 89       |
| 78) n-propylbenzene            | 12.16 | 91   | 1588778  | 45.36   | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 12.22 | 91   | 1013496  | 50.57   | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.32 | 105  | 1060719  | 50.14   | ug/l  | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.85 | 75   | 79828    | 49.44   | ug/l  | 98       |
| 82) 4-Chlorotoluene            | 12.33 | 91   | 1081282  | 56.01   | ug/l  | 93       |
| 83) tert-Butylbenzene          | 12.58 | 119  | 1241845  | 51.06   | ug/l  | 96       |
| 84) 1,2,4-Trimethylbenzene     | 12.63 | 105  | 1176515  | 51.16   | ug/l  | 98       |
| 85) sec-Butylbenzene           | 12.76 | 105  | 1504935  | 52.79   | ug/l  | 97       |
| 86) p-Isopropyltoluene         | 12.89 | 119  | 1146850  | 49.64   | ug/l  | 98       |
| 87) 1,3-Dichlorobenzene        | 12.85 | 146  | 725398   | 51.39   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.93 | 146  | 699034   | 50.71   | ug/l  | 95       |
| 89) n-Butylbenzene             | 13.19 | 91   | 1148239  | 47.29   | ug/l  | 97       |
| 90) Hexachloroethane           | 13.40 | 117  | 311837   | 52.01   | ug/l  | 76       |
| 91) 1,2-Dichlorobenzene        | 13.19 | 146  | 588955   | 49.03   | ug/l  | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.77 | 75   | 55961    | 55.71   | ug/l  | 72       |

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Data File : VD058384.D  
Acq On : 24 Jun 2018 21:04  
Operator : VA/AP  
Sample : VSTDCCC050  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 23 Sample Multiplier: 1

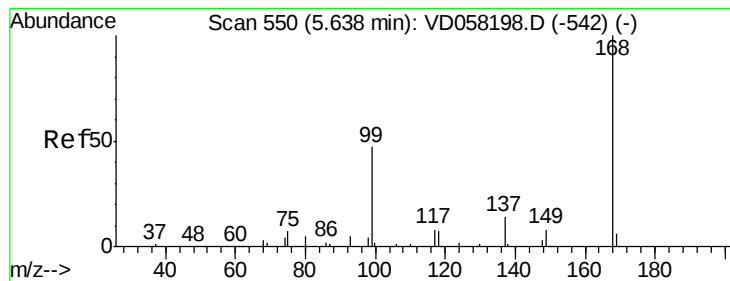
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jun 25 05:49:40 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 20 05:52:56 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.35 | 180  | 589299   | 51.29 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.43 | 225  | 448507   | 49.91 | ug/l  | 99       |
| 95) Naphthalene            | 14.52 | 128  | 822464   | 54.35 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 505940   | 50.30 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

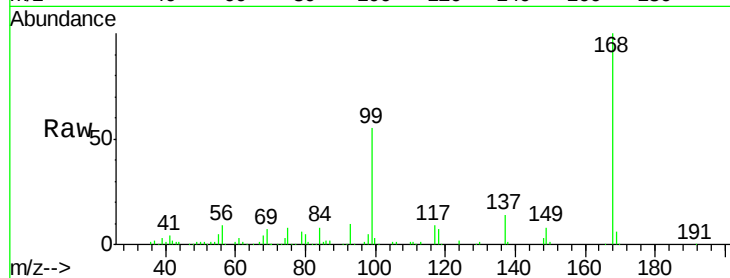
VSTDCCC050EC

Tot Ion:168 Resp: 819510

Ion Ratio Lower Upper

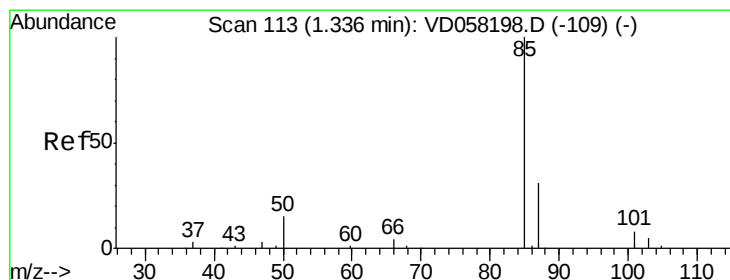
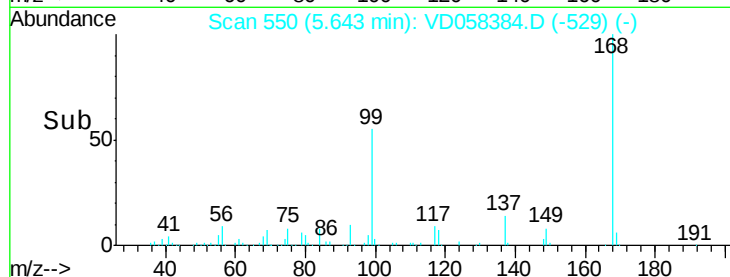
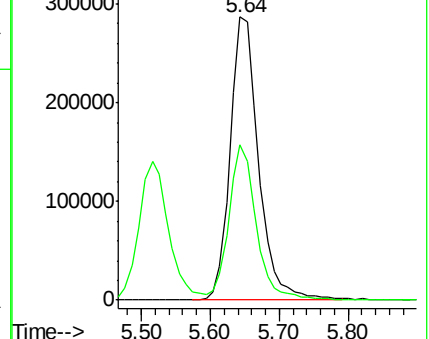
168 100

99 54.9 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 50.99 ug/l

RT: 1.34 min Scan# 113

Delta R.T. 0.01 min

Lab File: VD058384.D

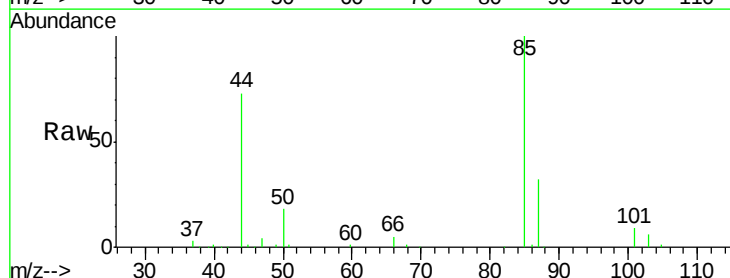
Acq: 24 Jun 2018 21:04

Tgt Ion: 85 Resp: 390079

Ion Ratio Lower Upper

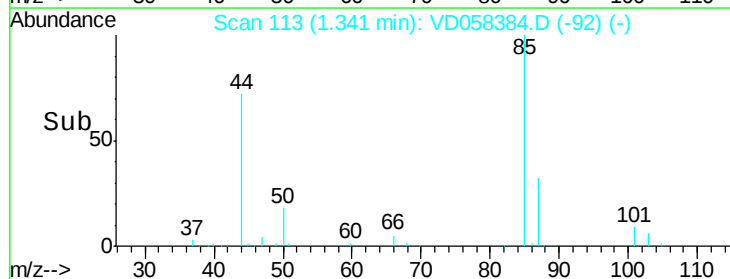
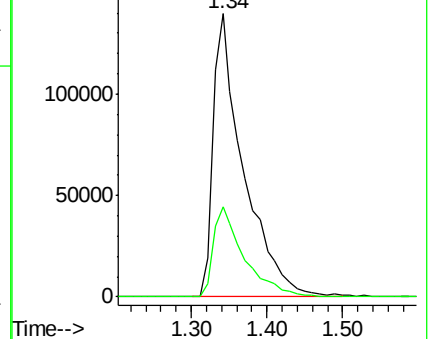
85 100

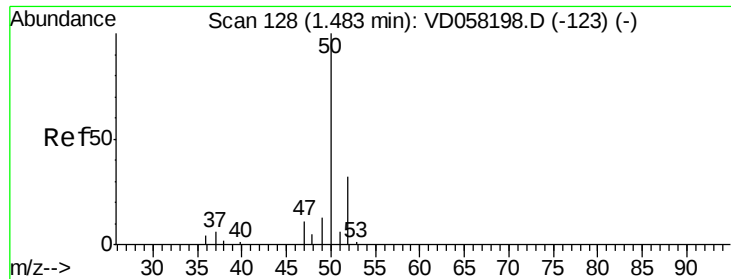
87 32.0 15.7 47.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 52.55 ug/l

RT: 1.49 min Scan# 128

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

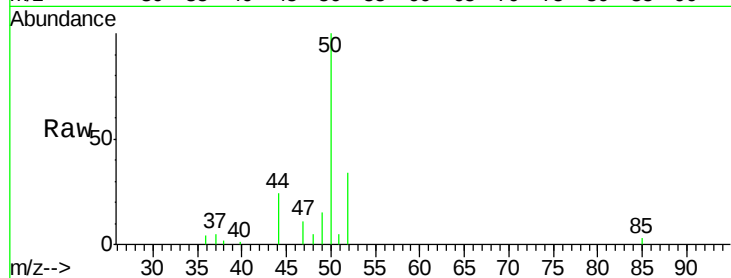
VSTDCCC050EC

Tot Ion: 50 Resp: 187140

Ion Ratio Lower Upper

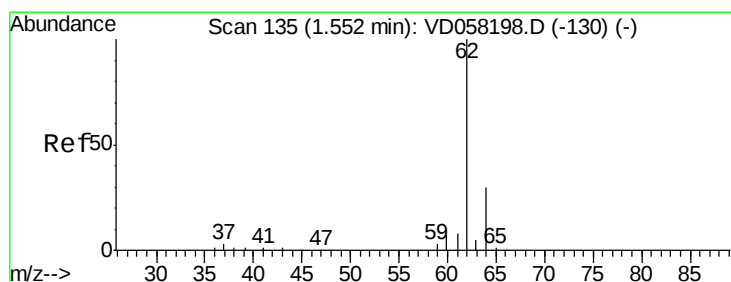
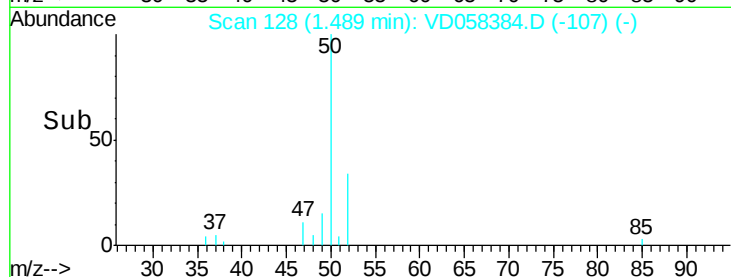
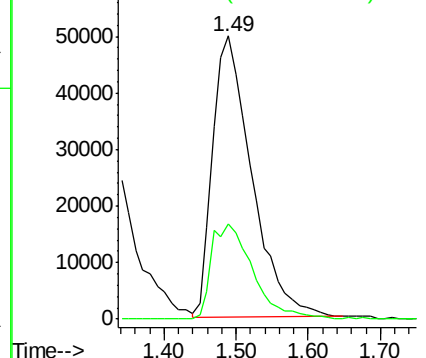
50 100

52 33.8 25.0 37.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 50.40 ug/l

RT: 1.56 min Scan# 135

Delta R.T. 0.01 min

Lab File: VD058384.D

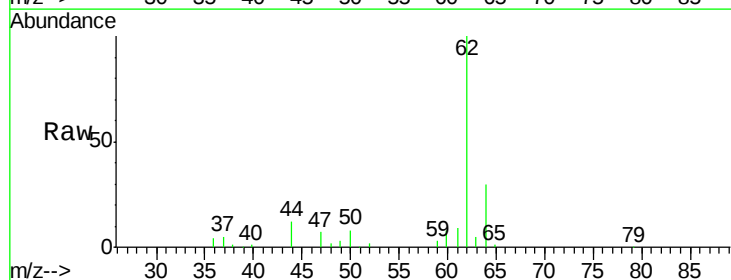
Acq: 24 Jun 2018 21:04

Tgt Ion: 62 Resp: 216364

Ion Ratio Lower Upper

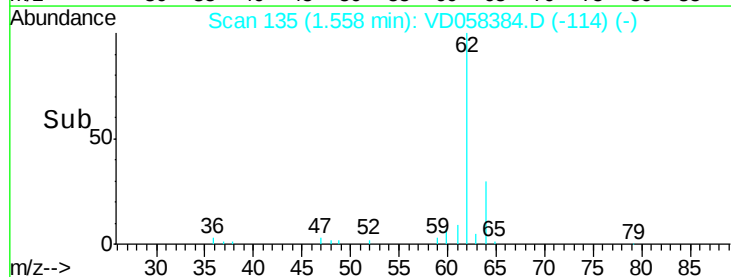
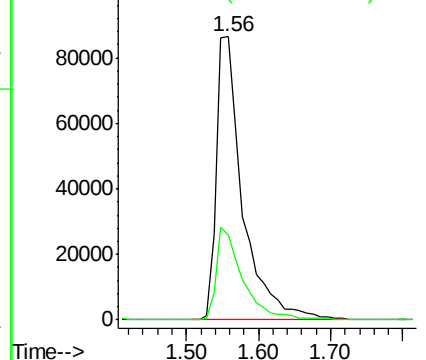
62 100

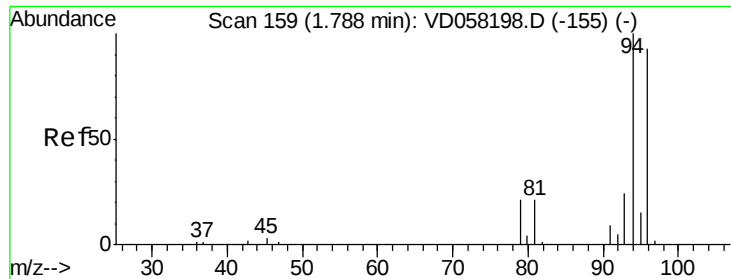
64 30.2 24.4 36.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

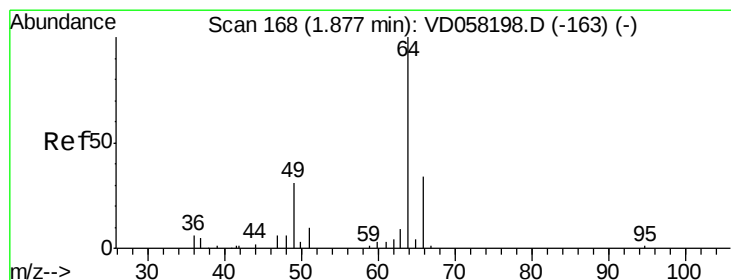
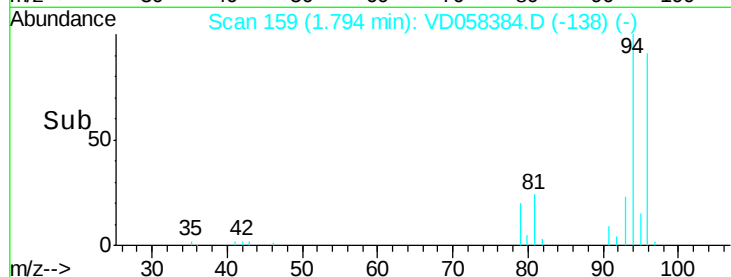
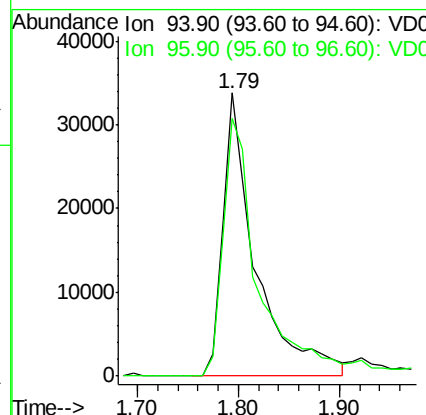
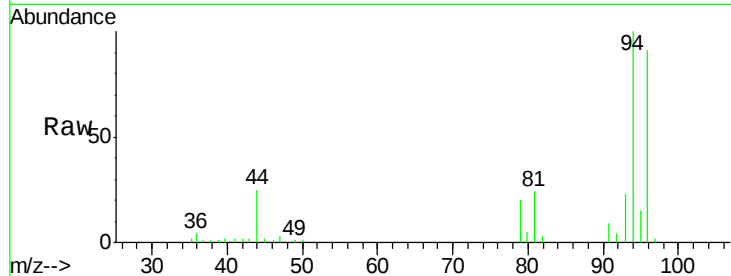




#5  
Bromomethane  
Concen: 53.85 ug/l  
RT: 1.79 min Scan# 159  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

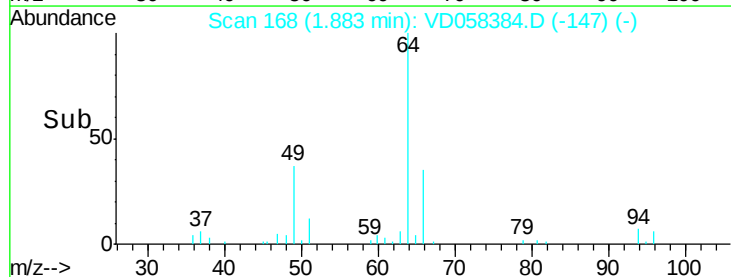
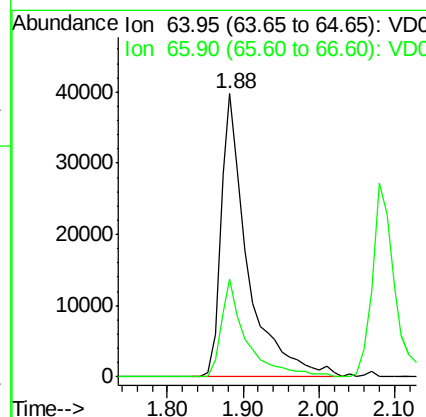
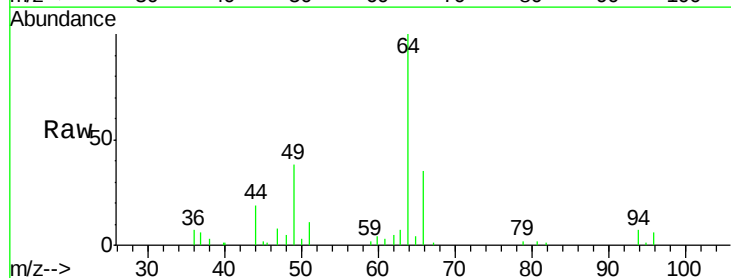
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

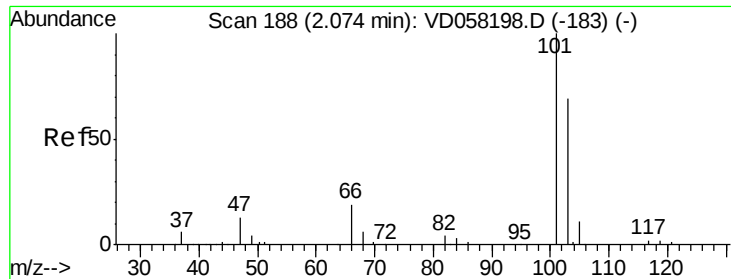
Tot Ion: 94 Resp: 76617  
Ion Ratio Lower Upper  
94 100  
96 91.0 74.2 111.2



#6  
Chloroethane  
Concen: 64.64 ug/l  
RT: 1.88 min Scan# 168  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion: 64 Resp: 97362  
Ion Ratio Lower Upper  
64 100  
66 34.6 27.3 40.9



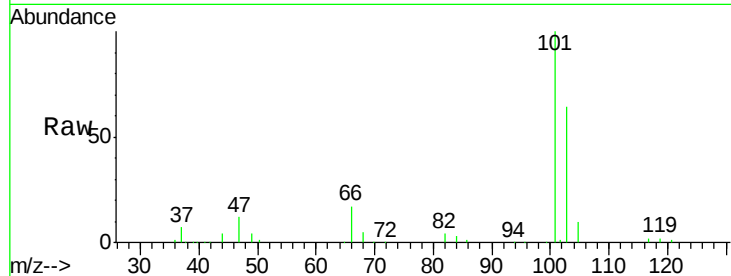


#7

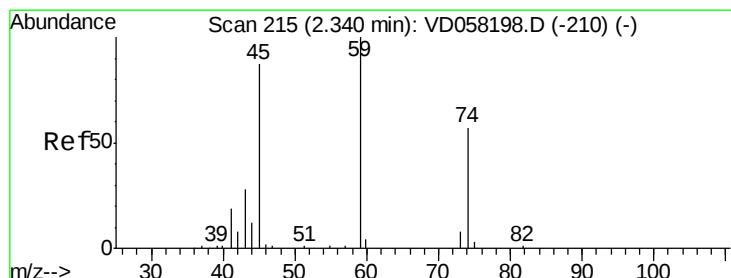
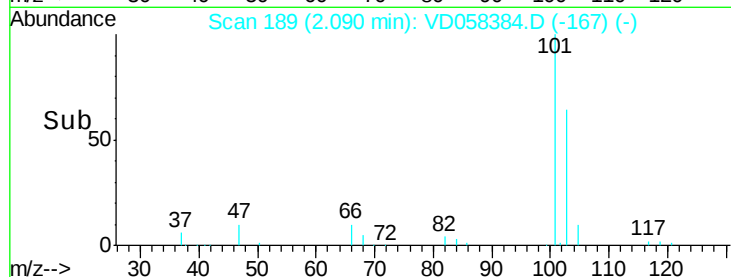
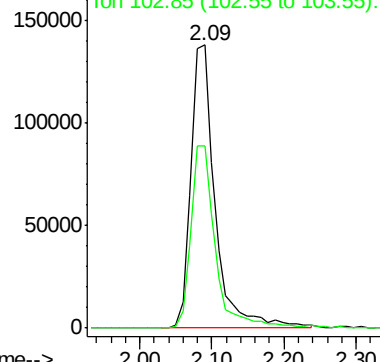
Trichlorofluoromethane  
 Concen: 54.40 ug/l  
 RT: 2.09 min Scan# 189  
 Delta R.T. 0.02 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:101 Resp: 320196  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 55.1 82.7



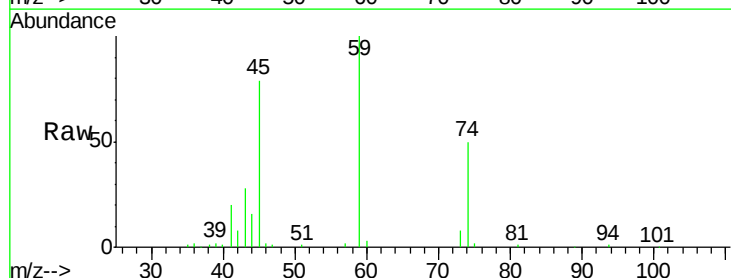
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



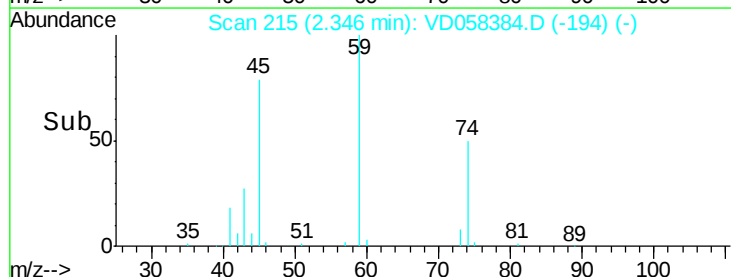
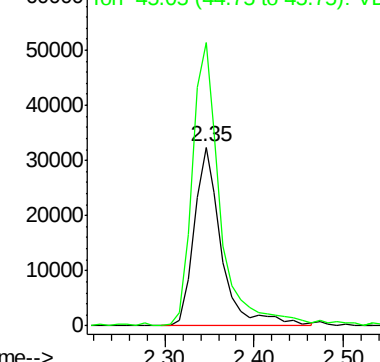
#8

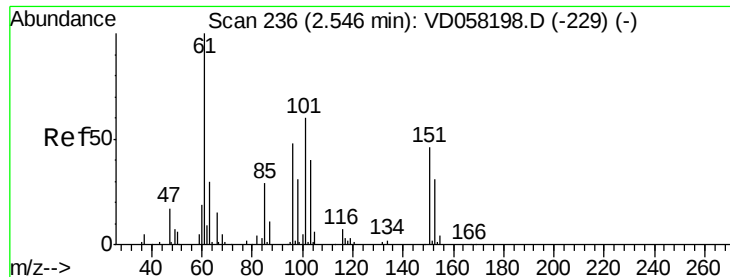
Diethyl Ether  
 Concen: 55.95 ug/l  
 RT: 2.35 min Scan# 215  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Tgt Ion: 74 Resp: 69654  
 Ion Ratio Lower Upper  
 74 100  
 45 158.5 77.5 232.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.13 ug/l

RT: 2.55 min Scan# 236

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

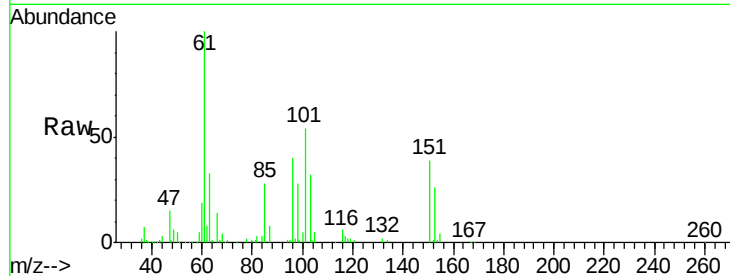
Tot Ion:101 Resp: 191343

Ion Ratio Lower Upper

101 100

85 52.9 39.0 58.4

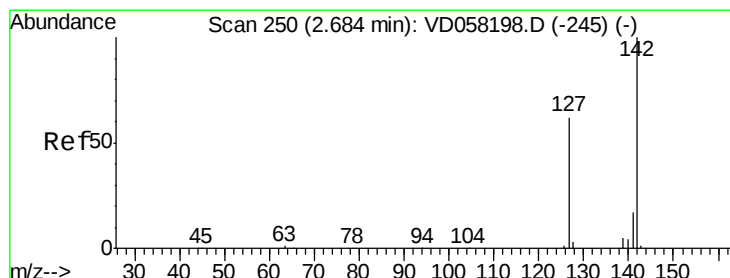
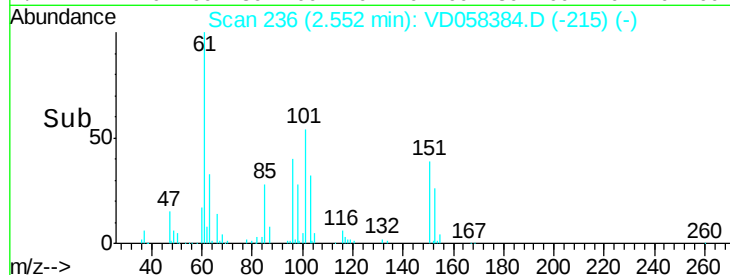
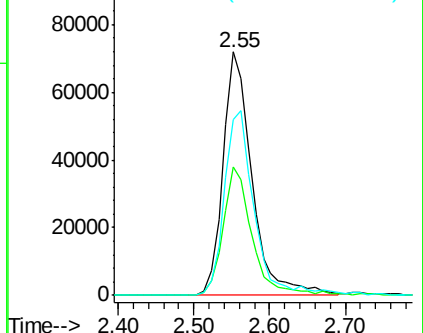
151 72.3 61.8 92.8



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: 54.80 ug/l

RT: 2.69 min Scan# 250

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

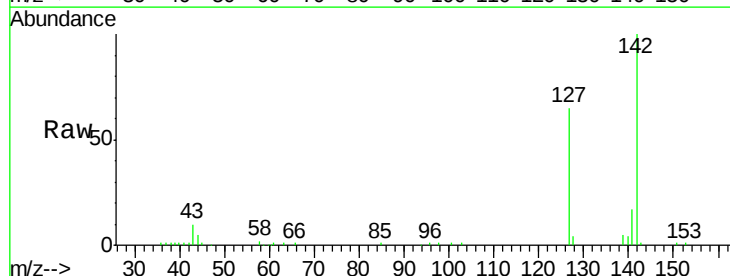
Tgt Ion:142 Resp: 233277

Ion Ratio Lower Upper

142 100

127 64.6 49.4 74.0

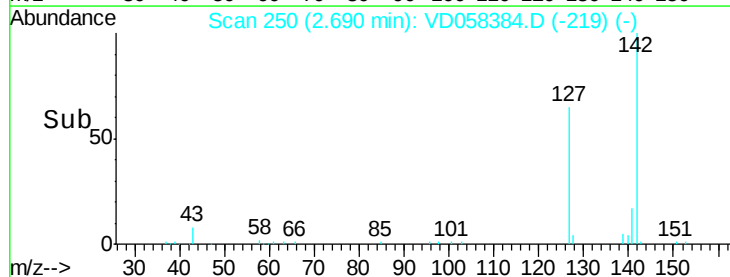
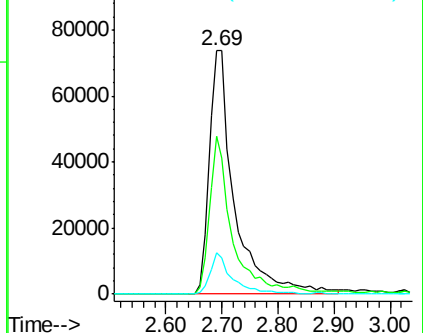
141 17.1 13.5 20.3



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



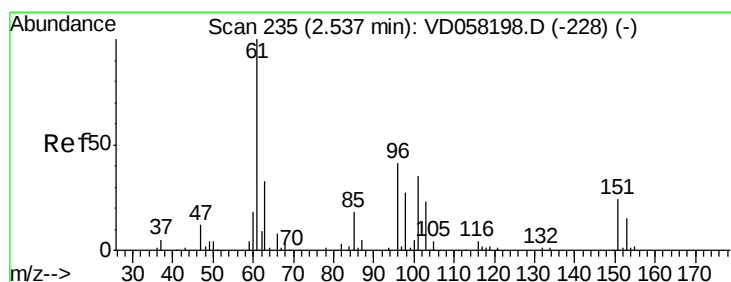
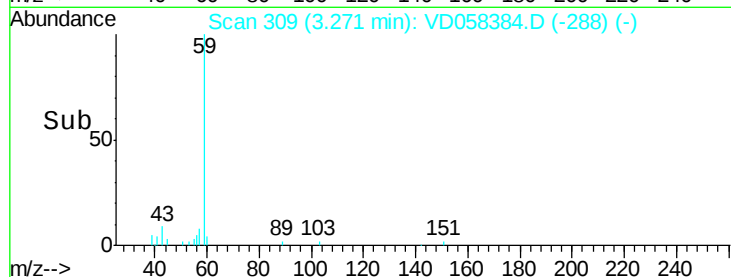
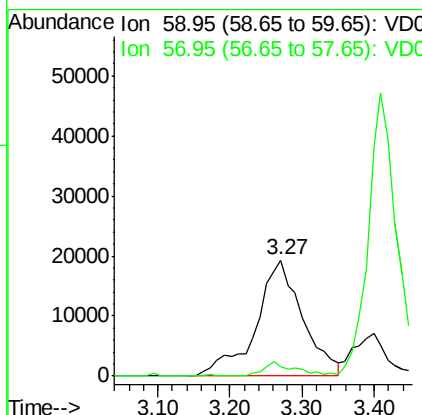
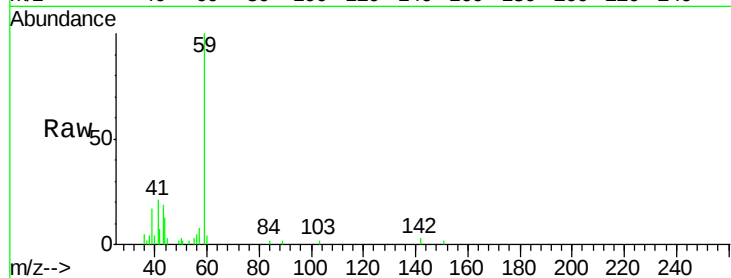


#11

Tert butyl alcohol  
 Concen: 318.66 ug/l  
 RT: 3.27 min Scan# 309  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

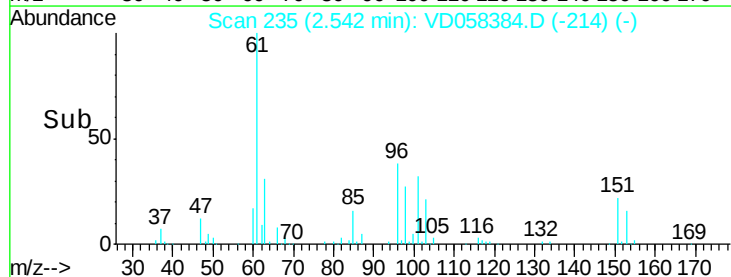
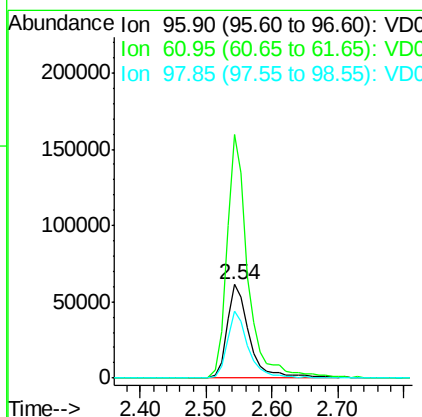
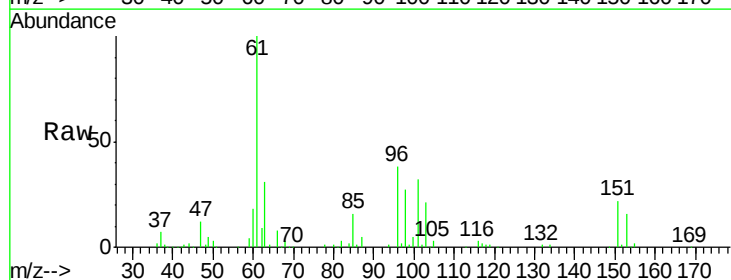
Tot Ion: 59 Resp: 86998  
 Ion Ratio Lower Upper  
 59 100  
 57 7.6 6.2 9.4

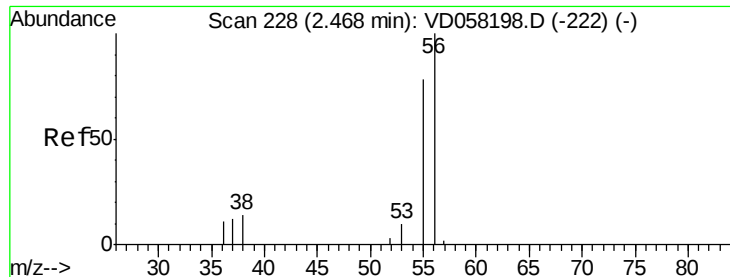


#12

1,1-Dichloroethene  
 Concen: 51.57 ug/l  
 RT: 2.54 min Scan# 235  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Tgt Ion: 96 Resp: 145192  
 Ion Ratio Lower Upper  
 96 100  
 61 260.0 193.9 290.9  
 98 70.9 51.7 77.5





#13

Acrolein

Concen: 129.37 ug/l

RT: 2.47 min Scan# 228

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

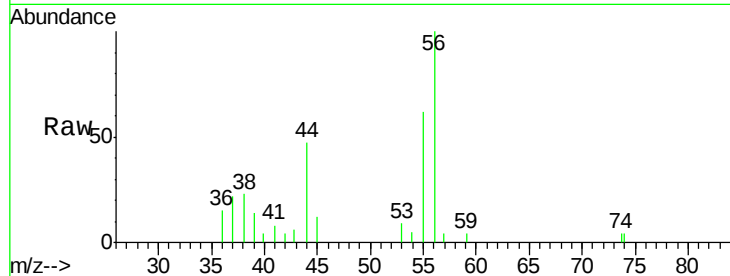
VSTDCCC050EC

Tot Ion: 56 Resp: 20162

Ion Ratio Lower Upper

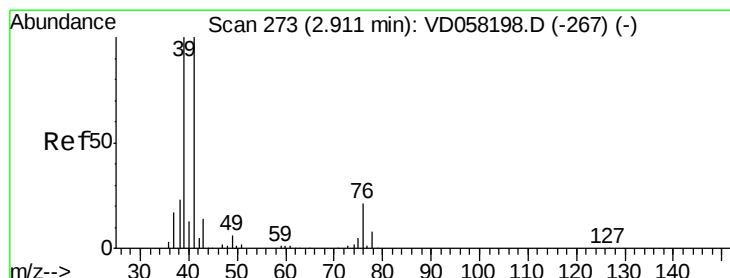
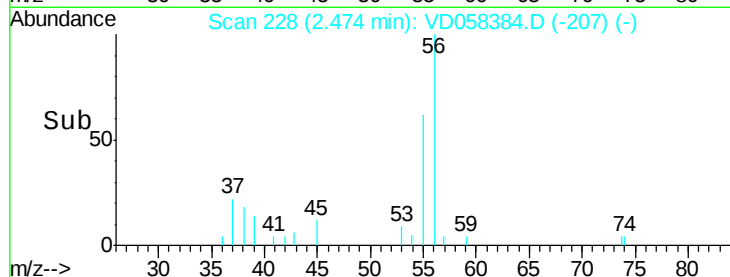
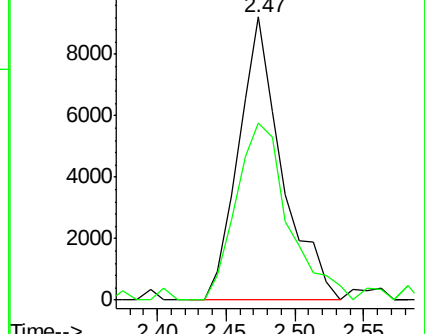
56 100

55 62.4 62.1 93.1



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 52.13 ug/l

RT: 2.93 min Scan# 274

Delta R.T. 0.02 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

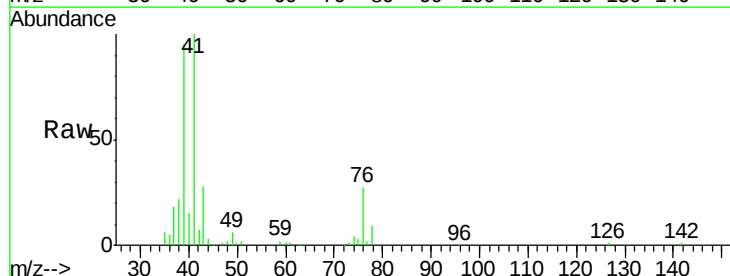
Tgt Ion: 41 Resp: 341595

Ion Ratio Lower Upper

41 100

39 95.0 80.1 120.1

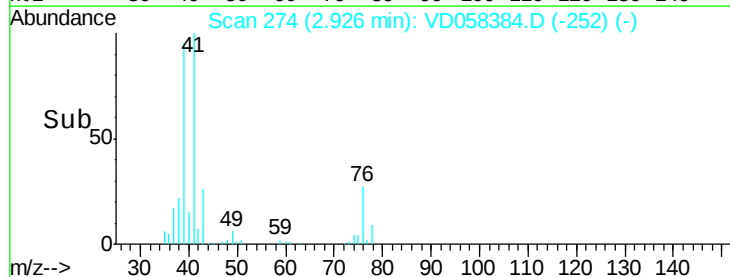
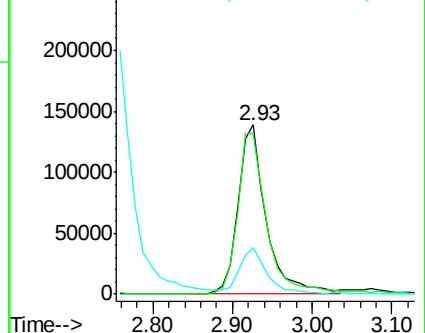
76 27.2 19.4 29.2

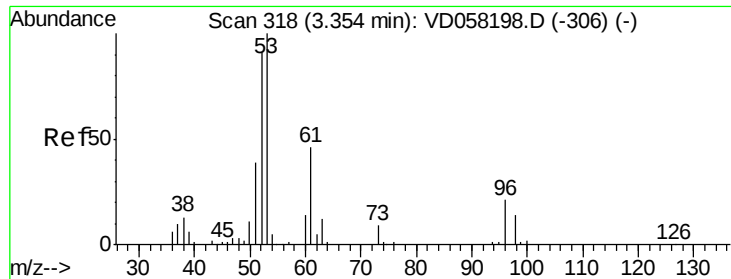


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 316.58 ug/l

RT: 3.36 min Scan# 318

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

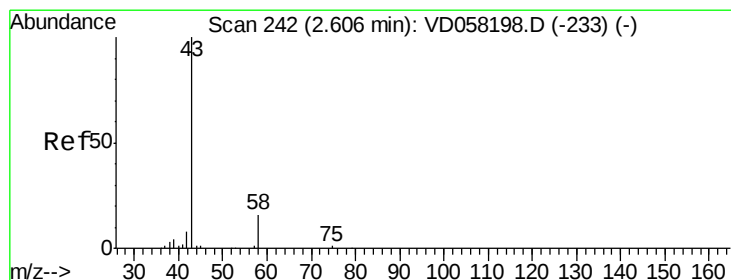
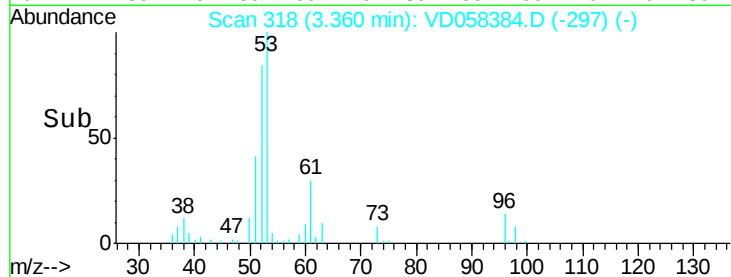
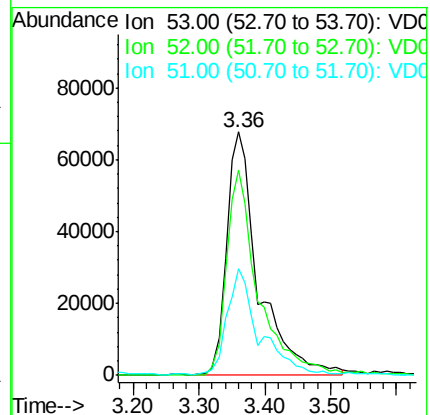
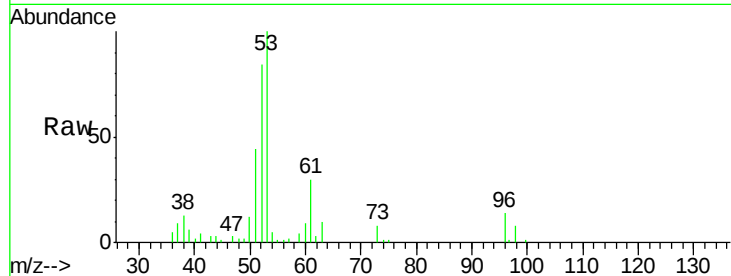
Tot Ion: 53 Resp: 229175

Ion Ratio Lower Upper

53 100

52 84.3 72.6 108.8

51 43.6 32.2 48.4



#16

Acetone

Concen: 248.91 ug/l

RT: 2.61 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD058384.D

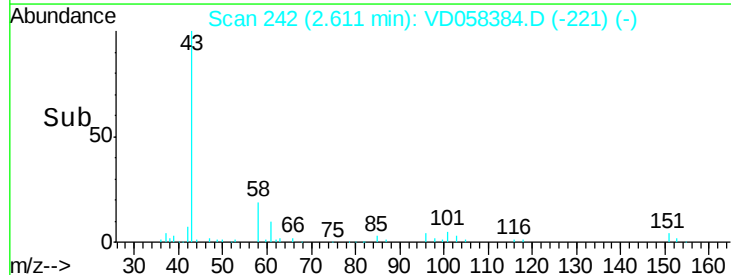
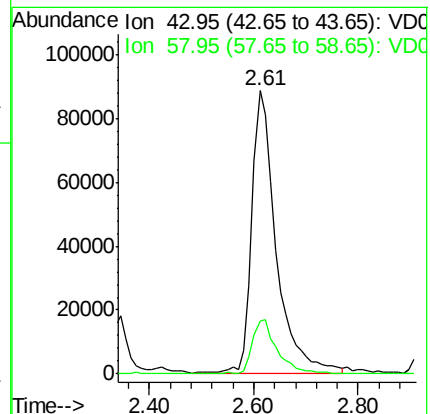
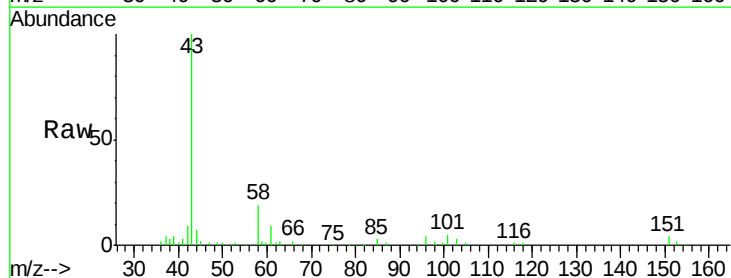
Acq: 24 Jun 2018 21:04

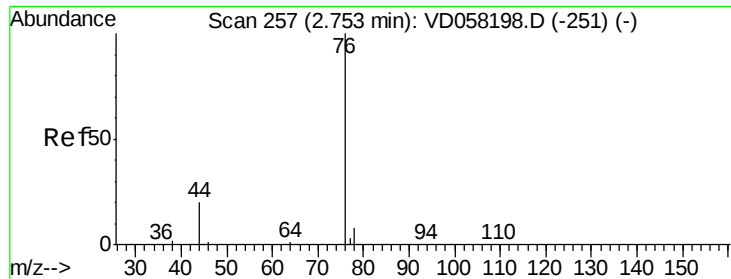
Tgt Ion: 43 Resp: 281773

Ion Ratio Lower Upper

43 100

58 18.8 12.7 19.1

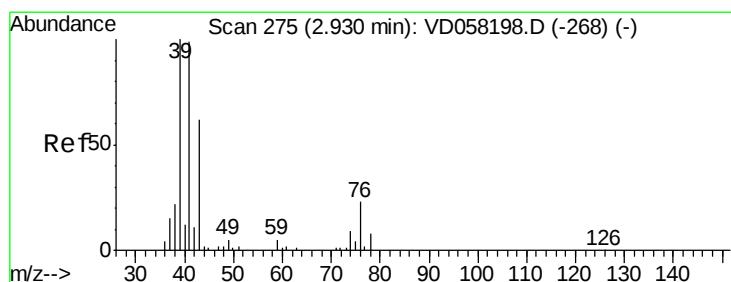
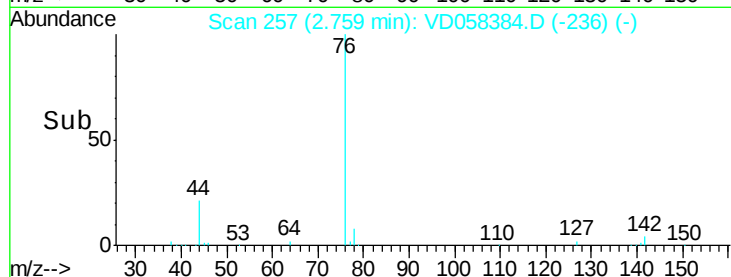
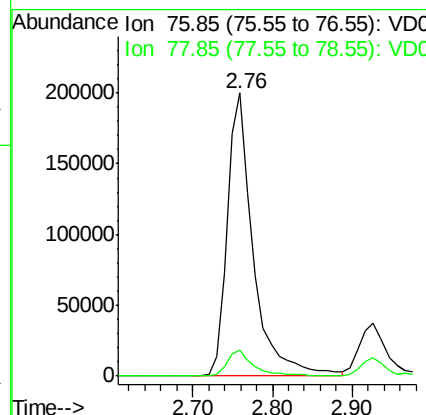
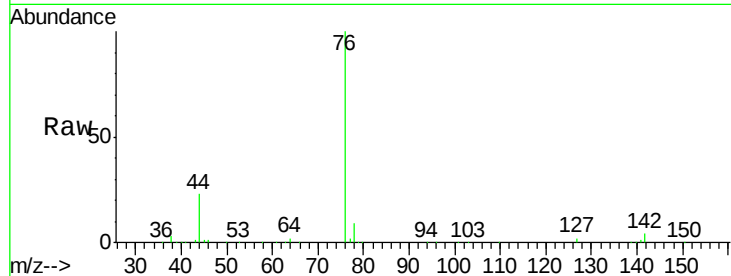




#17  
Carbon Disulfide  
Concen: 47.80 ug/l  
RT: 2.76 min Scan# 257  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

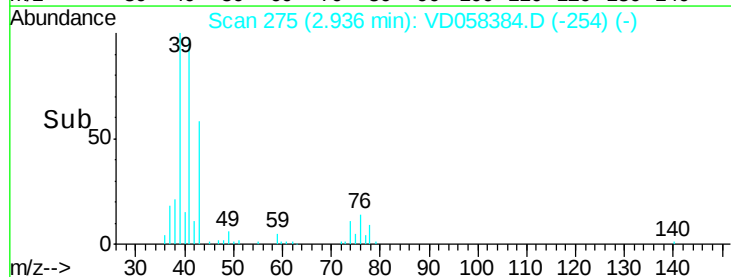
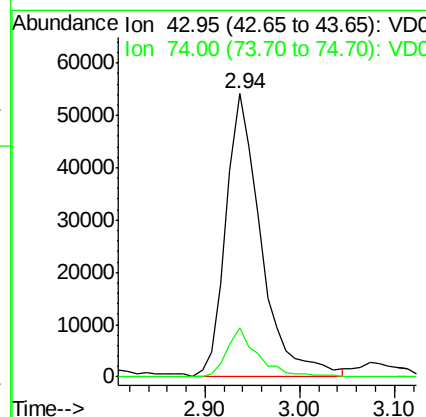
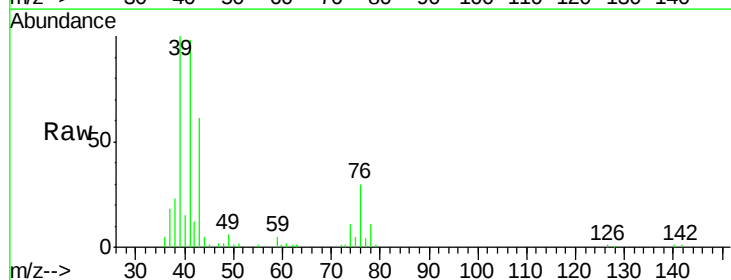
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

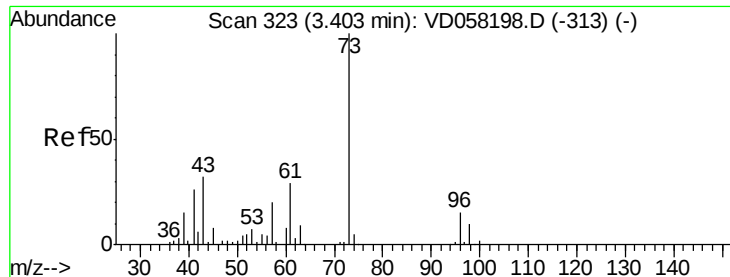
Tot Ion: 76 Resp: 457907  
Ion Ratio Lower Upper  
76 100  
78 9.1 6.8 10.2



#18  
Methyl Acetate  
Concen: 57.85 ug/l  
RT: 2.94 min Scan# 275  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion: 43 Resp: 139654  
Ion Ratio Lower Upper  
43 100  
74 17.5 11.7 17.5

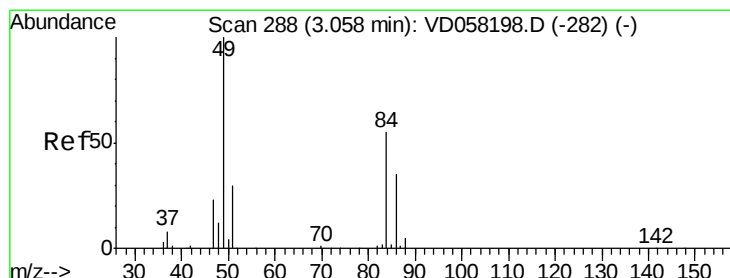
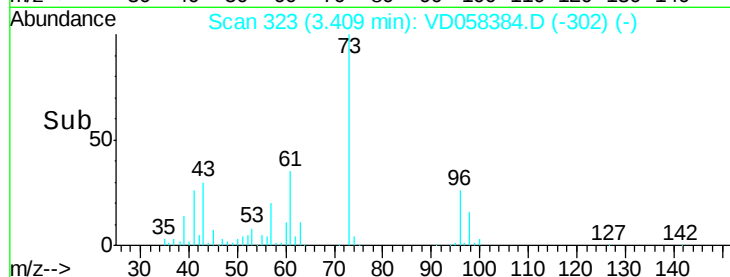
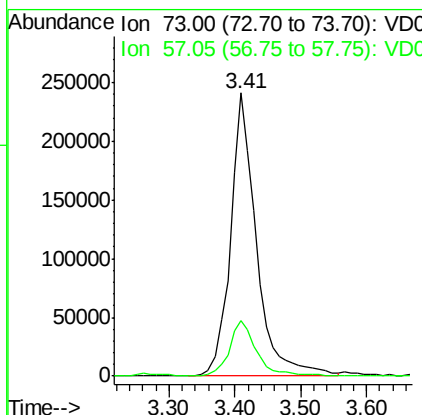
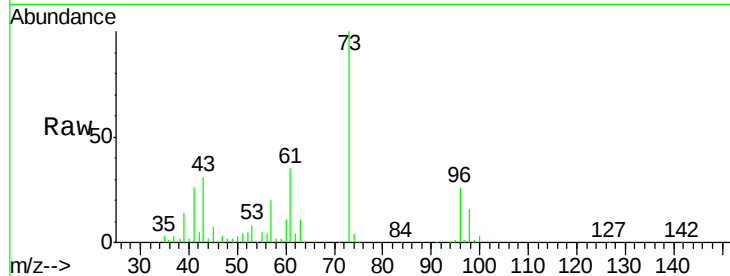




#19  
Methvl tert-butvl Ether  
Concen: 88.97 ug/l  
RT: 3.41 min Scan# 323  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

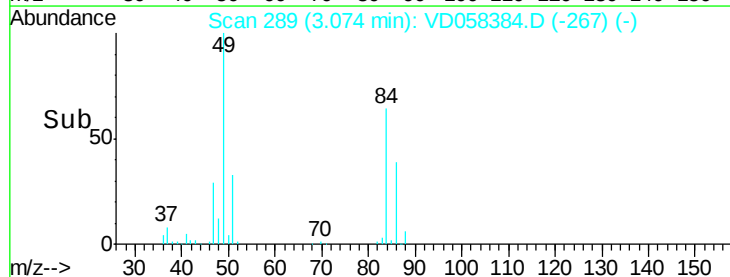
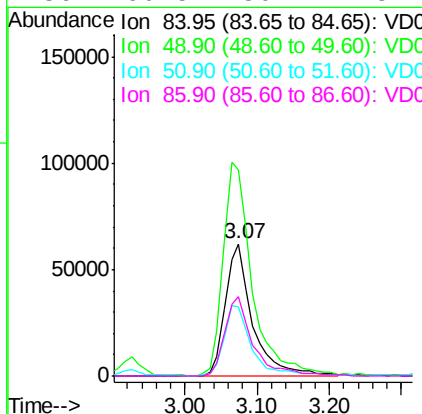
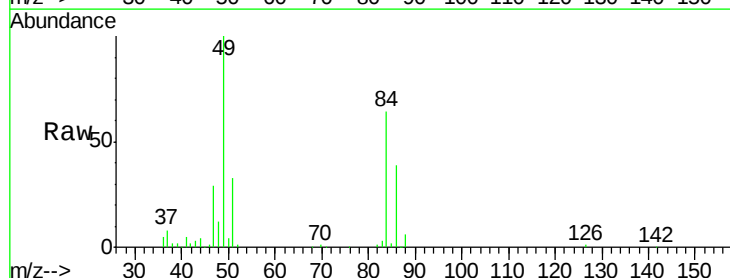
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

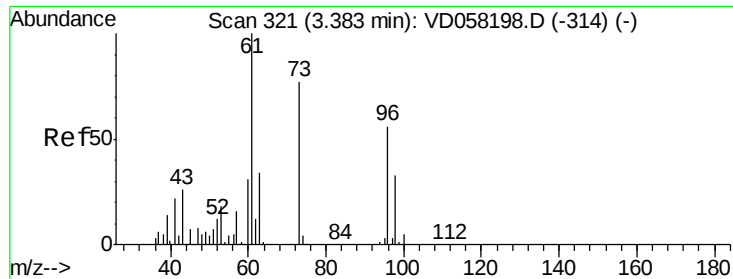
Tot Ion: 73 Resp: 664386  
Ion Ratio Lower Upper  
73 100  
57 19.6 16.6 24.8



#20  
Methylene Chloride  
Concen: 55.58 ug/l  
RT: 3.07 min Scan# 289  
Delta R.T. 0.02 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion: 84 Resp: 162677  
Ion Ratio Lower Upper  
84 100  
49 156.7 145.0 217.6  
51 52.0 42.9 64.3  
86 60.5 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 72.20 ug/l

RT: 3.40 min Scan# 322

Delta R.T. 0.02 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

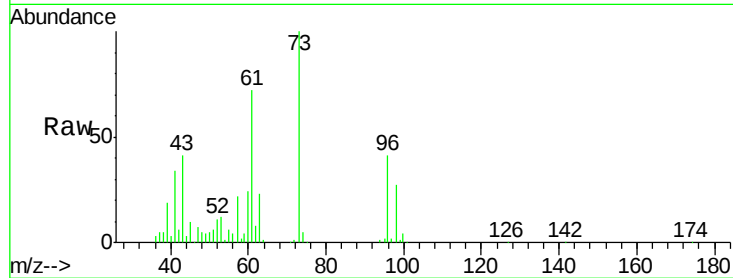
Tot Ion: 96 Resp: 222157

Ion Ratio Lower Upper

96 100

61 175.7 143.8 215.6

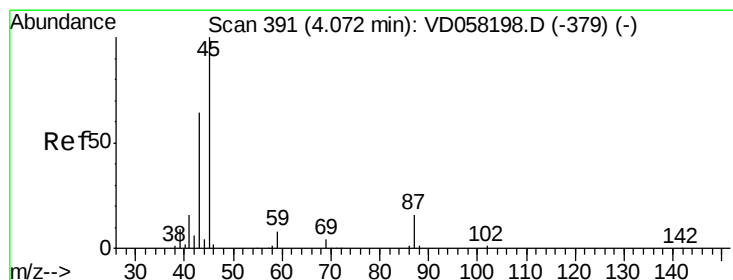
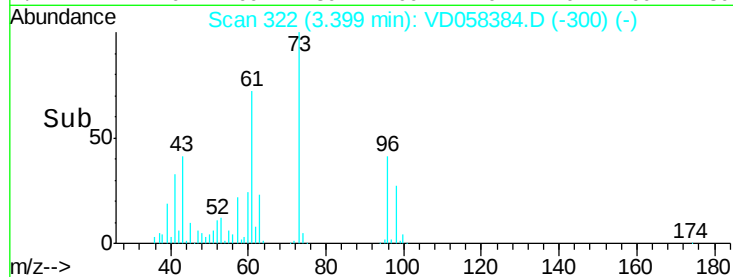
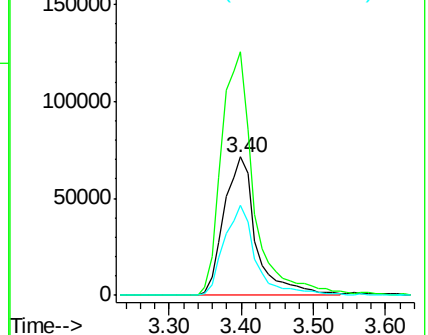
98 65.1 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 47.68 ug/l

RT: 4.08 min Scan# 391

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Tgt Ion: 45 Resp: 1240835

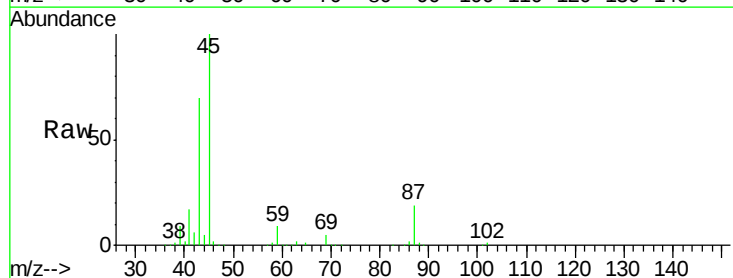
Ion Ratio Lower Upper

45 100

43 70.3 51.4 77.0

87 19.0 13.0 19.4

59 9.4 6.9 10.3

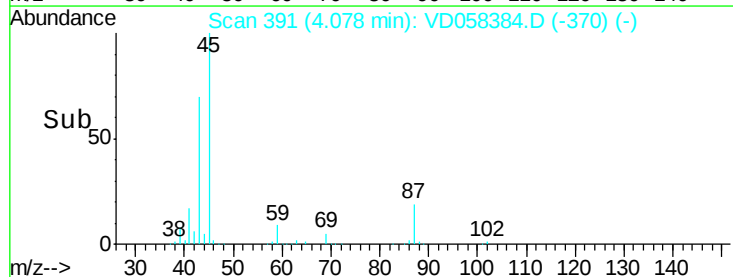
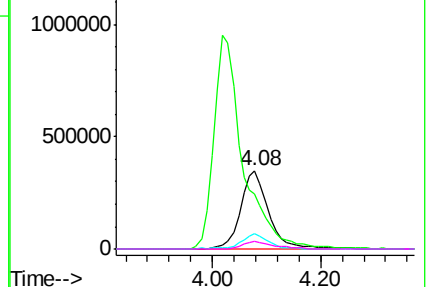


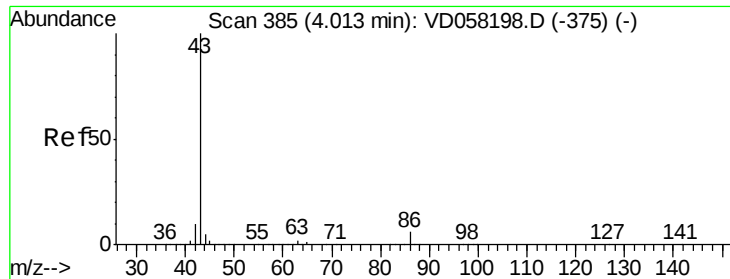
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 251.23 ug/l

RT: 4.02 min Scan# 385

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

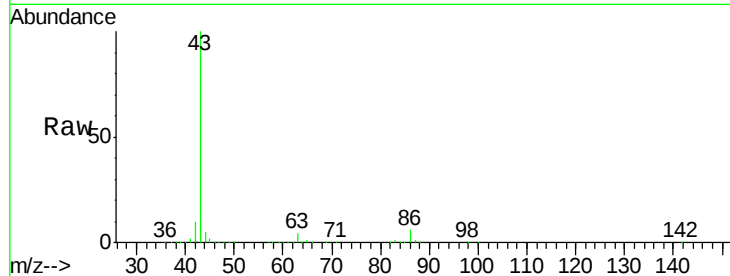
VSTDCCC050EC

Tot Ion: 43 Resp: 3504988

Ion Ratio Lower Upper

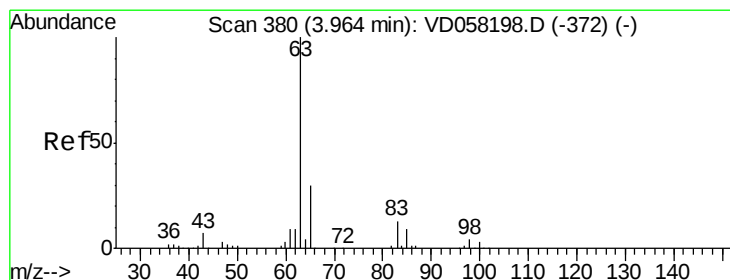
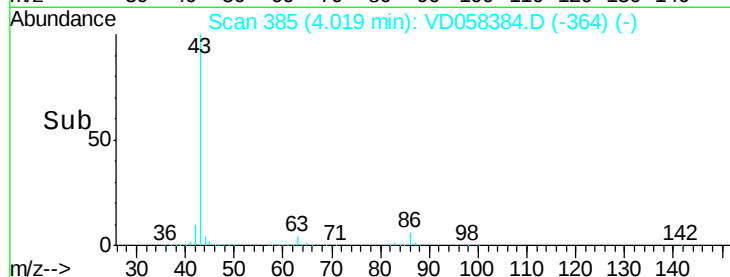
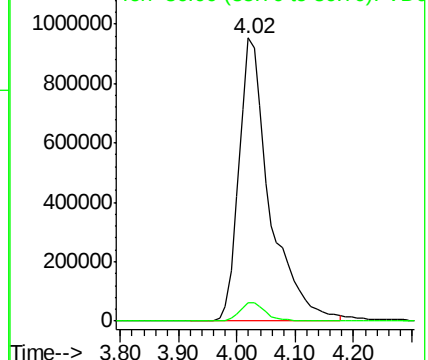
43 100

86 6.4 5.0 7.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.11 ug/l

RT: 3.98 min Scan# 381

Delta R.T. 0.02 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

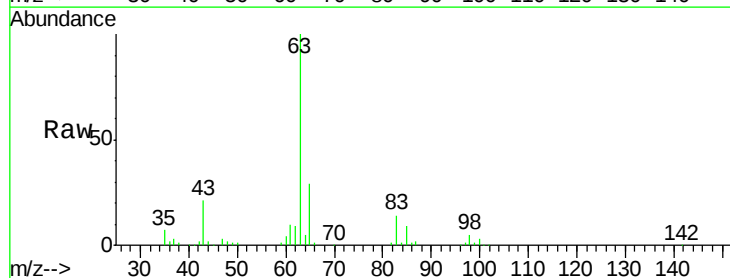
Tgt Ion: 63 Resp: 702592

Ion Ratio Lower Upper

63 100

98 4.6 1.9 5.7

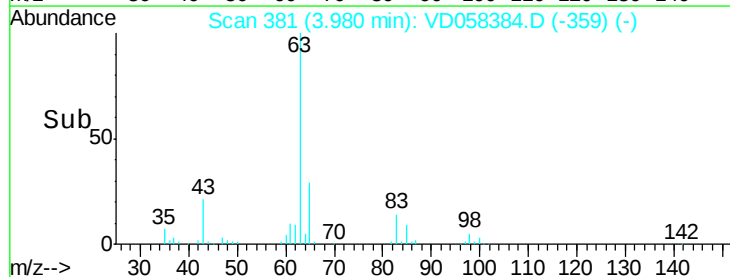
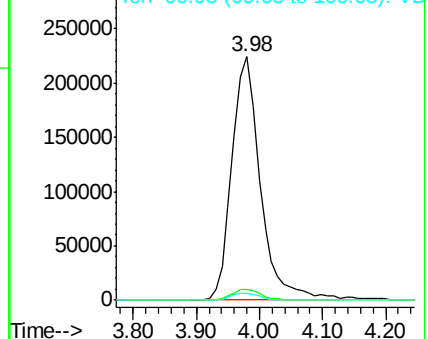
100 3.1 1.3 3.9

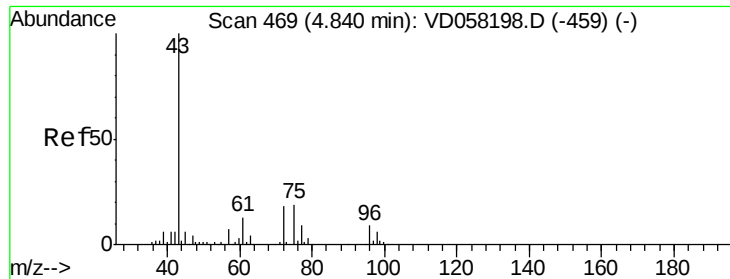


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 252.51 ug/l

RT: 4.84 min Scan# 468

Delta R.T. -0.00 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

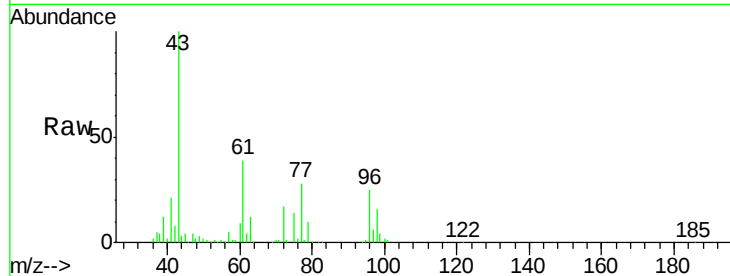
VSTDCCC050EC

Tot Ion: 43 Resp: 623026

Ion Ratio Lower Upper

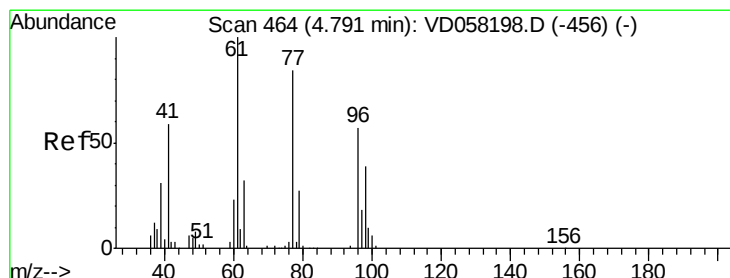
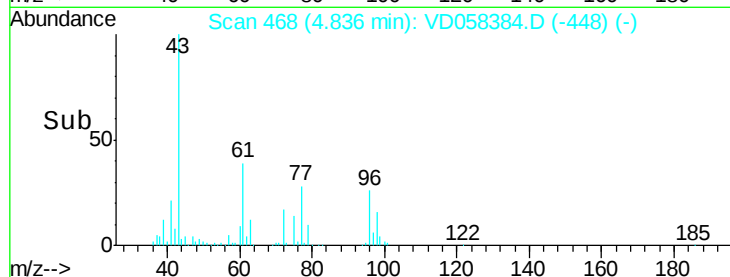
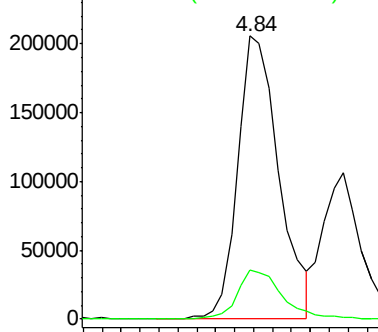
43 100

72 17.4 14.1 21.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 47.95 ug/l

RT: 4.81 min Scan# 465

Delta R.T. 0.02 min

Lab File: VD058384.D

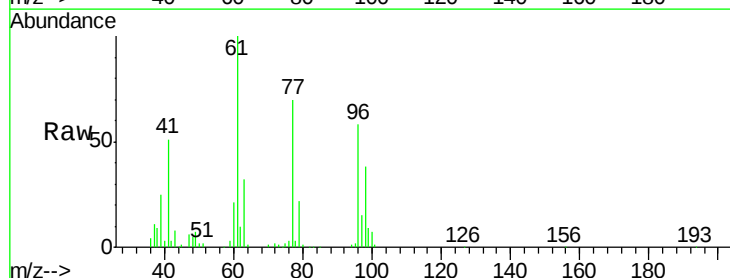
Acq: 24 Jun 2018 21:04

Tgt Ion: 77 Resp: 562954

Ion Ratio Lower Upper

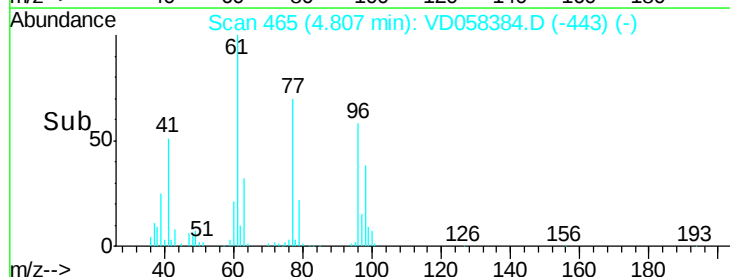
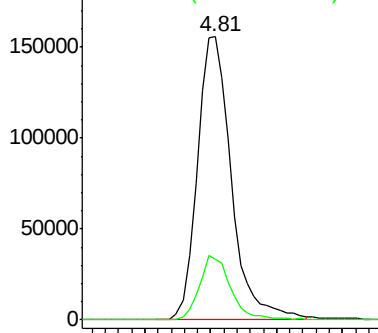
77 100

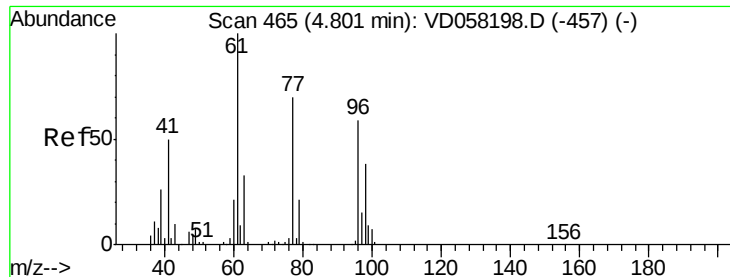
97 21.6 10.5 31.6



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: 53.18 ug/l

RT: 4.81 min Scan# 465

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

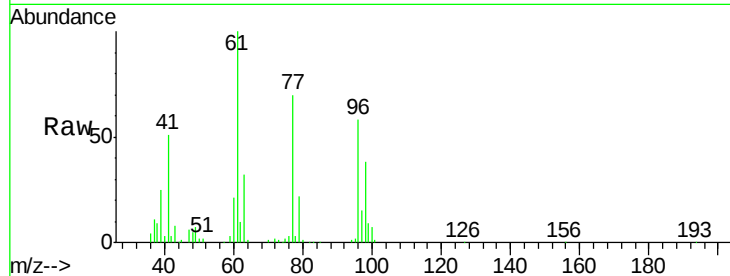
Tot Ion: 96 Resp: 408923

Ion Ratio Lower Upper

96 100

61 171.4 0.0 338.6

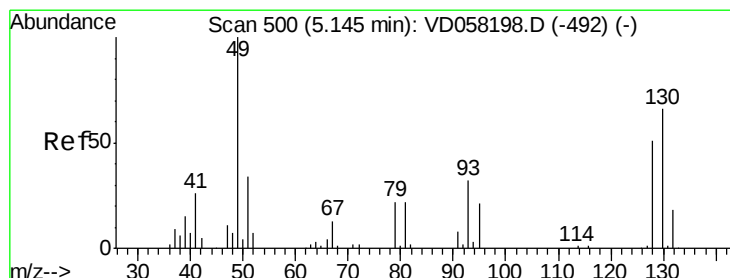
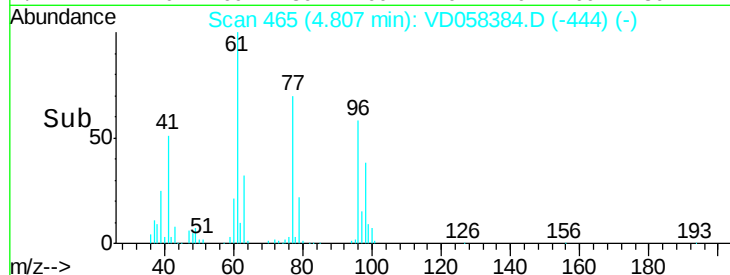
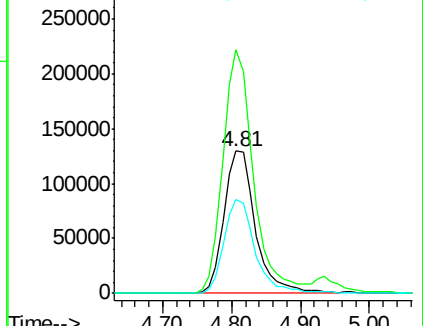
98 65.8 0.0 130.2



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: 50.80 ug/l

RT: 5.15 min Scan# 500

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

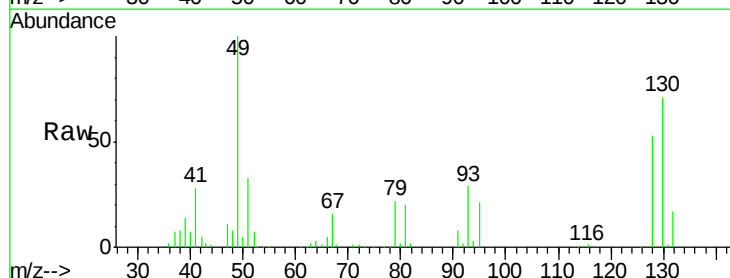
Tgt Ion: 49 Resp: 319294

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

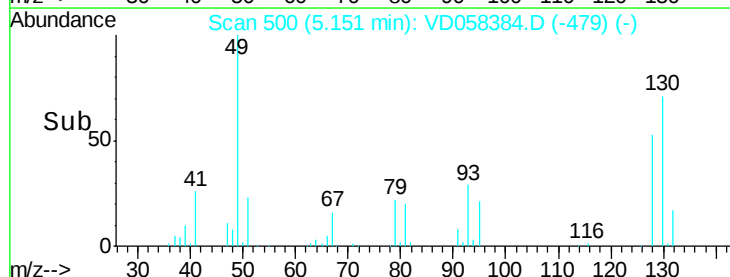
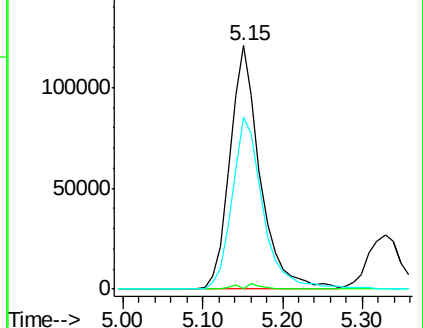
130 70.8 52.6 79.0



Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

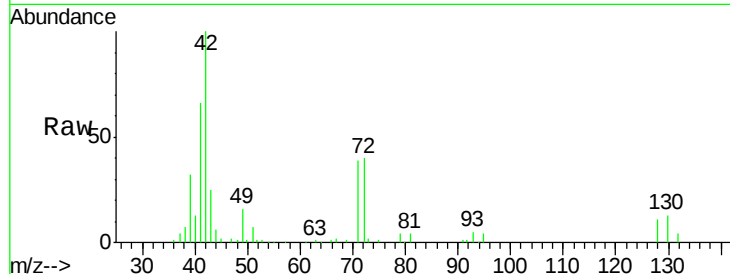




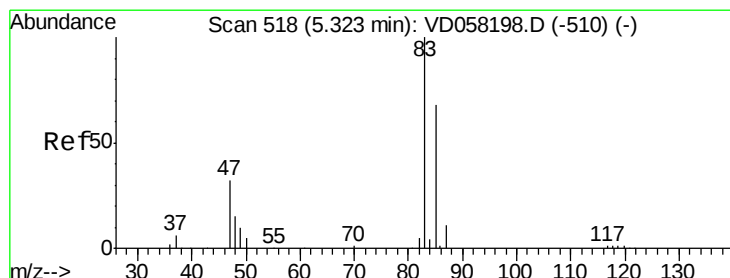
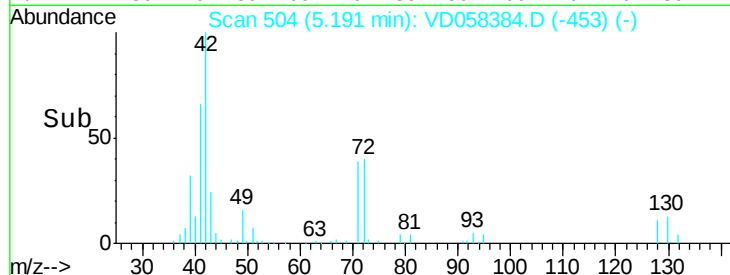
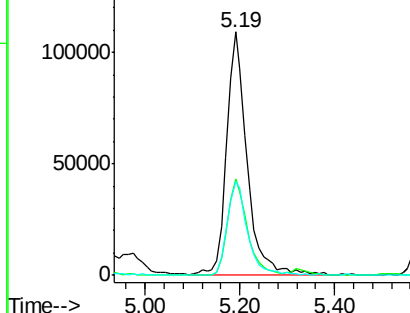
#29  
Tetrahydrofuran  
Concen: 250.44 ug/l  
RT: 5.19 min Scan# 504  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 37.8  | 30.2  | 45.2  |
| 71      | 37.8  | 30.1  | 45.1  |

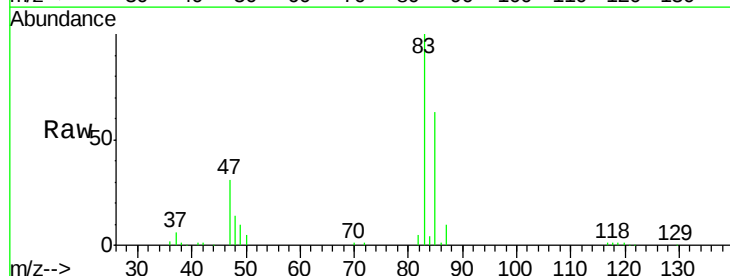


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

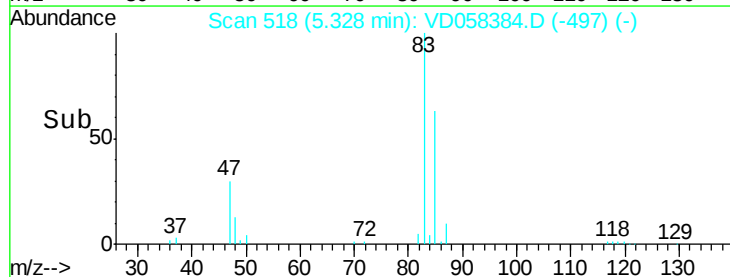
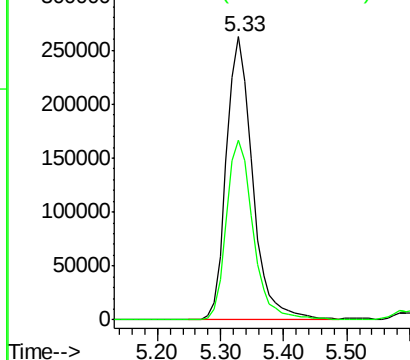


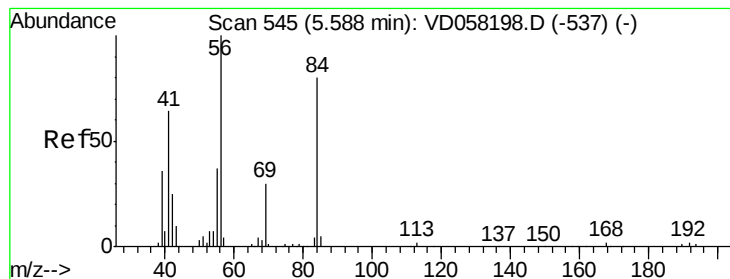
#30  
Chloroform  
Concen: 51.21 ug/l  
RT: 5.33 min Scan# 518  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.3  | 54.8  | 82.2  |



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





#31

Cyclohexane

Concen: 49.32 ug/l

RT: 5.59 min Scan# 545

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

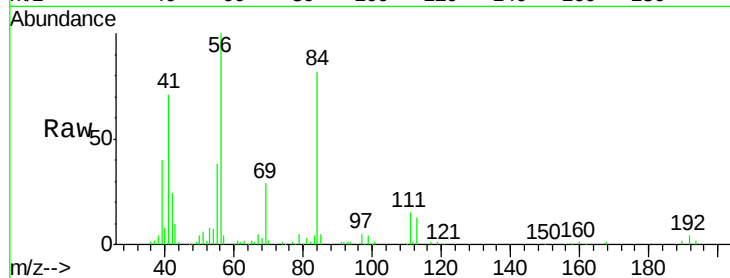
Tot Ion: 56 Resp: 502850

Ion Ratio Lower Upper

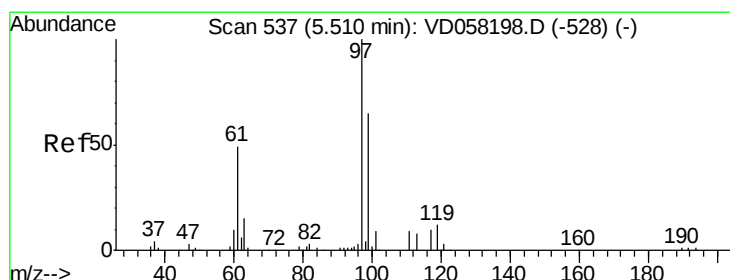
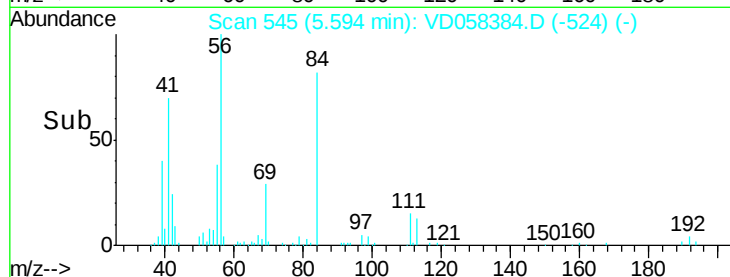
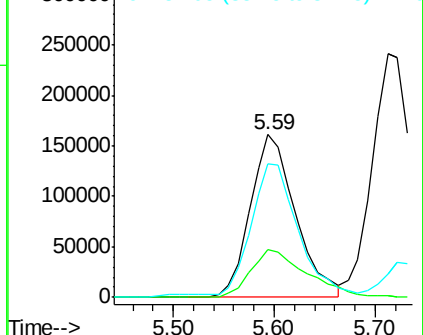
56 100

69 29.3 23.6 35.4

84 82.3 65.2 97.8



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: 54.22 ug/l

RT: 5.52 min Scan# 537

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

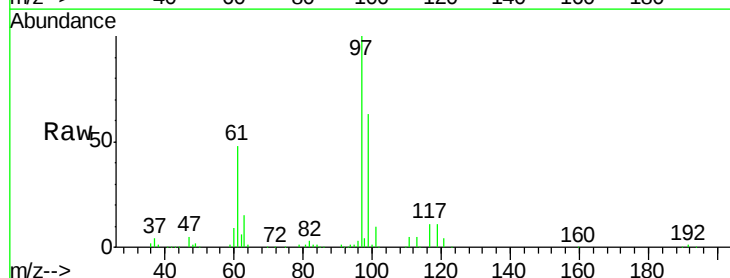
Tgt Ion: 97 Resp: 663153

Ion Ratio Lower Upper

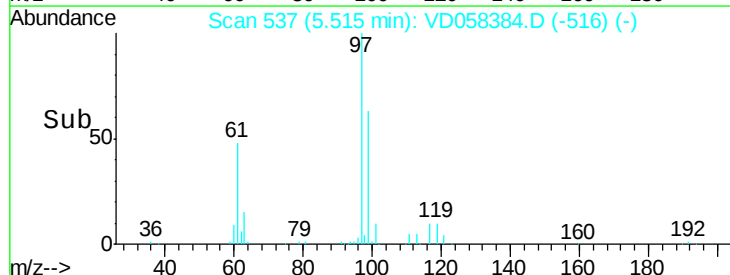
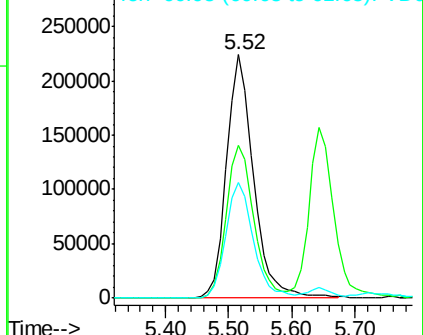
97 100

99 63.0 52.2 78.4

61 47.6 39.0 58.4



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

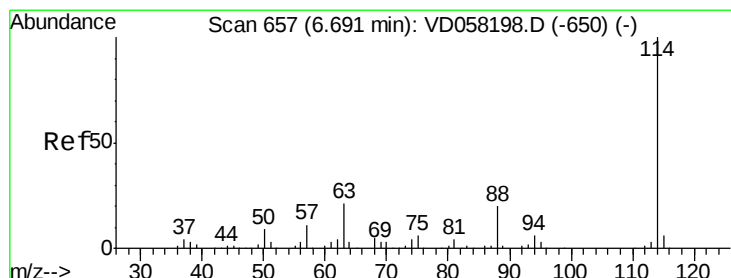
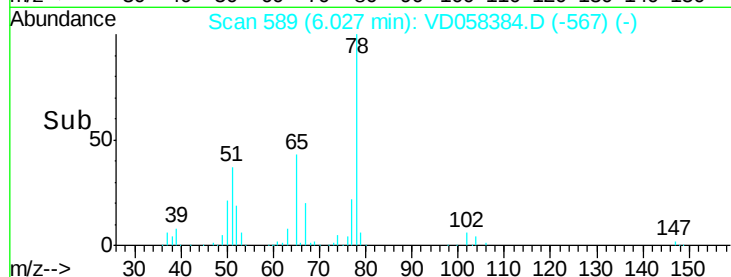
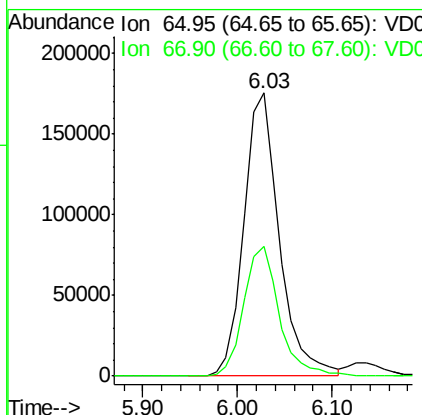
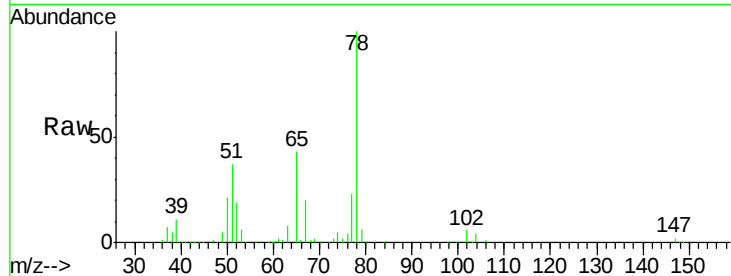




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.22 ug/l  
 RT: 6.03 min Scan# 589  
 Delta R.T. 0.02 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

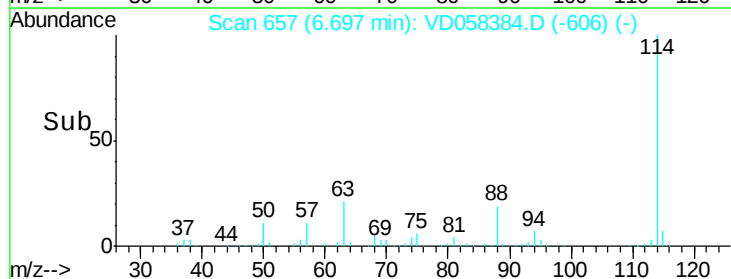
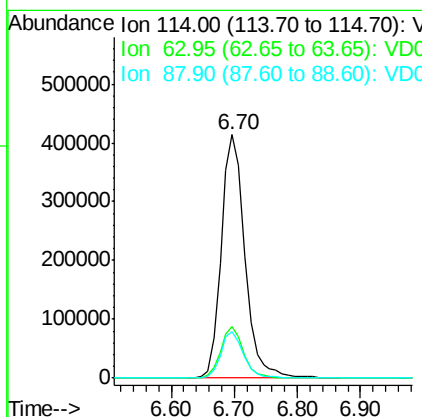
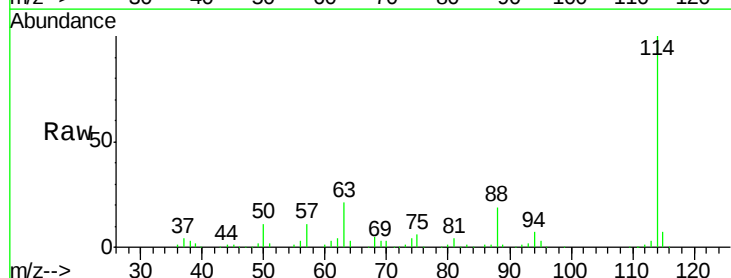
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

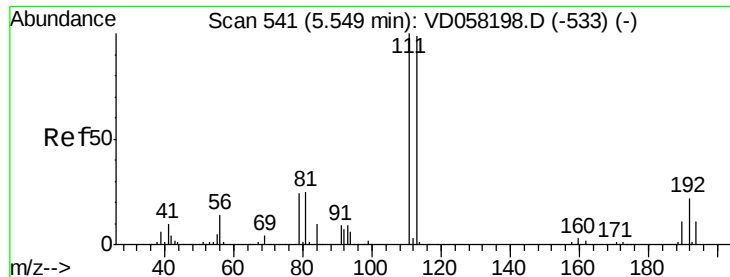
Tot Ion: 65 Resp: 456421  
 Ion Ratio Lower Upper  
 65 100  
 67 46.0 0.0 97.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.70 min Scan# 657  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Tgt Ion: 114 Resp: 1081367  
 Ion Ratio Lower Upper  
 114 100  
 63 21.2 0.0 42.6  
 88 19.2 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

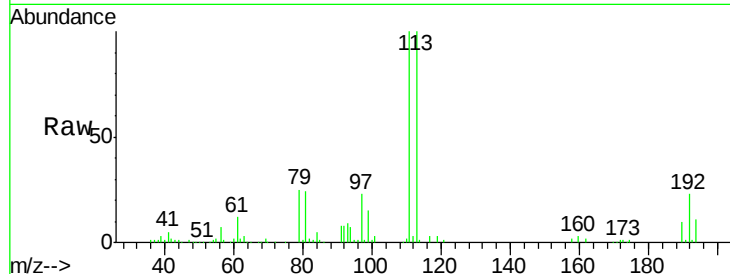
Tot Ion:113 Resp: 461487

Ion Ratio Lower Upper

113 100

111 99.7 80.6 121.0

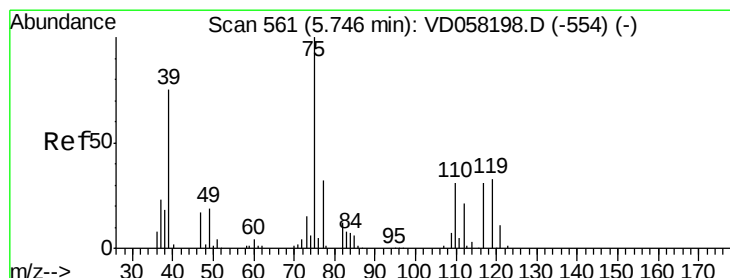
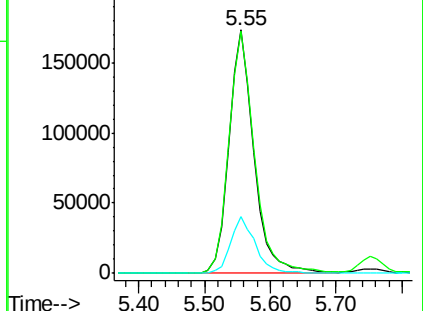
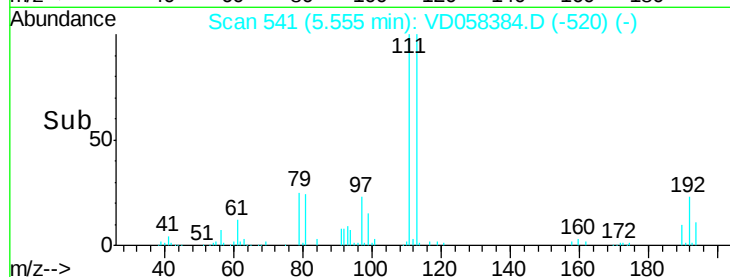
192 23.1 17.8 26.6



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: 48.22 ug/l

RT: 5.75 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

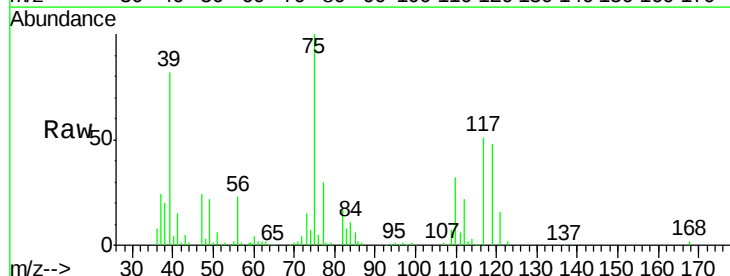
Tgt Ion: 75 Resp: 515790

Ion Ratio Lower Upper

75 100

110 32.3 15.4 46.4

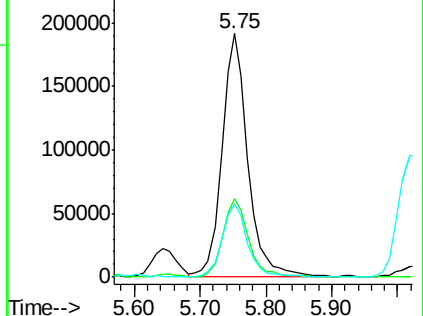
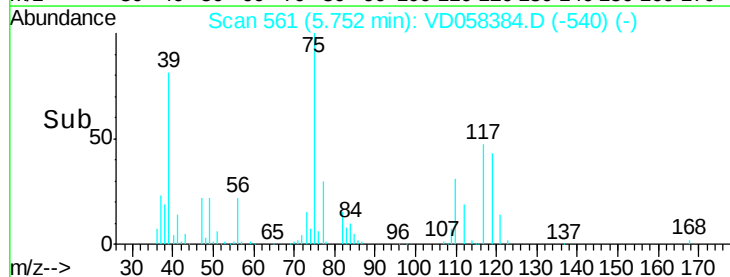
77 30.0 25.4 38.2

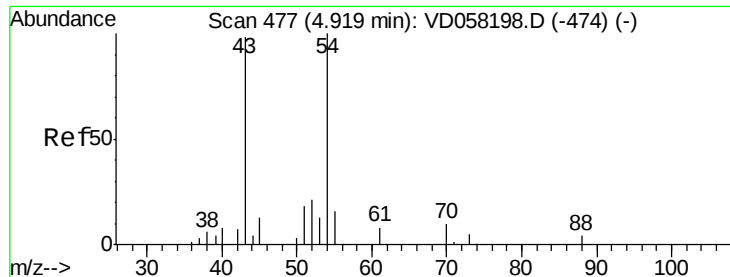


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC

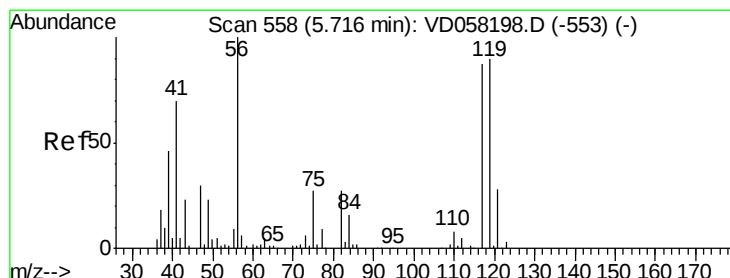
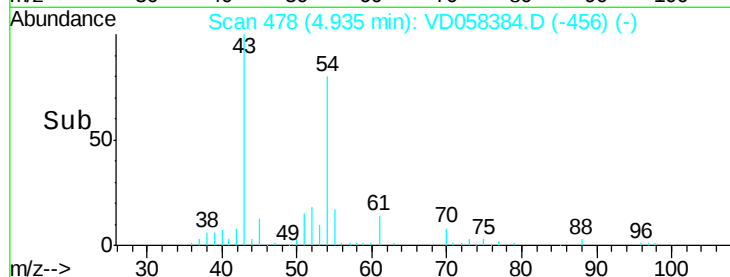
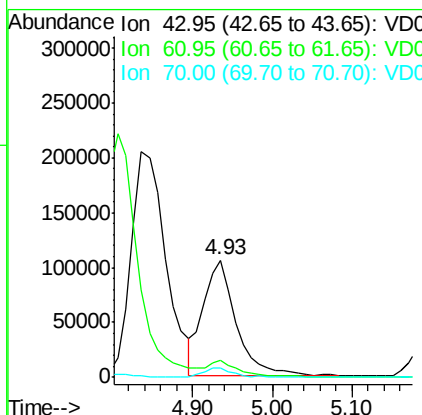
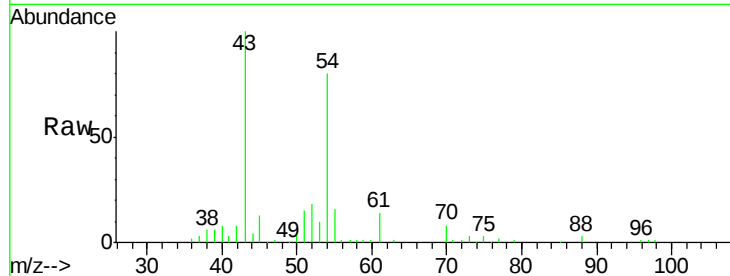




#37  
Ethyl Acetate  
Concen: 50.06 ug/l  
RT: 4.93 min Scan# 478  
Delta R.T. 0.02 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

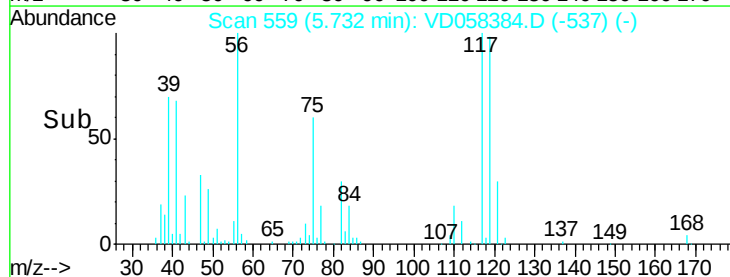
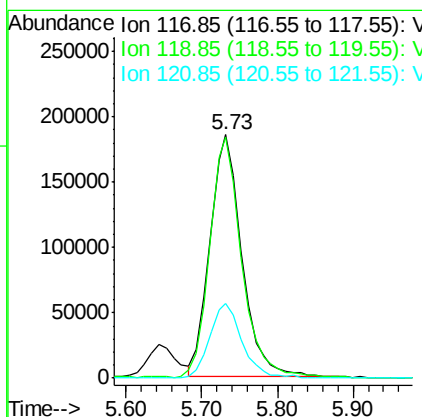
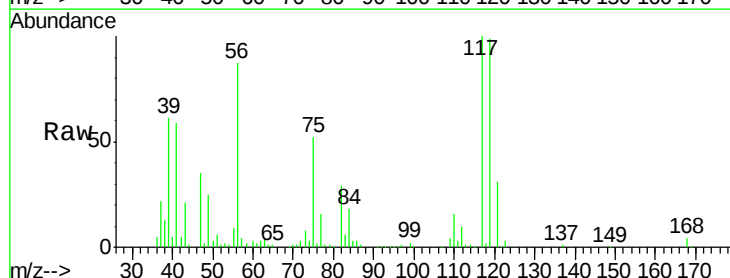
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

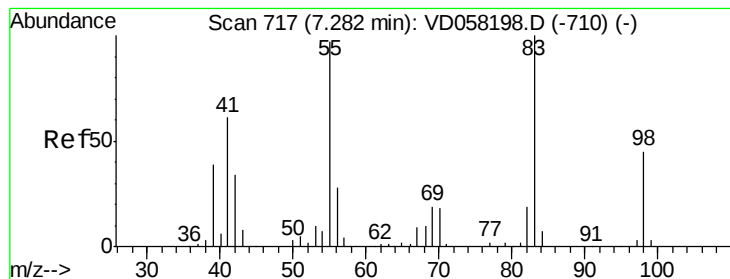
Tot Ion: 43 Resp: 305108  
Ion Ratio Lower Upper  
43 100  
61 14.3 10.3 15.5  
70 8.0 5.7 8.5



#38  
Carbon Tetrachloride  
Concen: 51.23 ug/l  
RT: 5.73 min Scan# 559  
Delta R.T. 0.02 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion: 117 Resp: 544579  
Ion Ratio Lower Upper  
117 100  
119 99.0 78.8 118.2  
121 30.7 25.0 37.6





#39

Methylcyclohexane

Concen: 46.24 ug/l

RT: 7.29 min Scan# 717

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

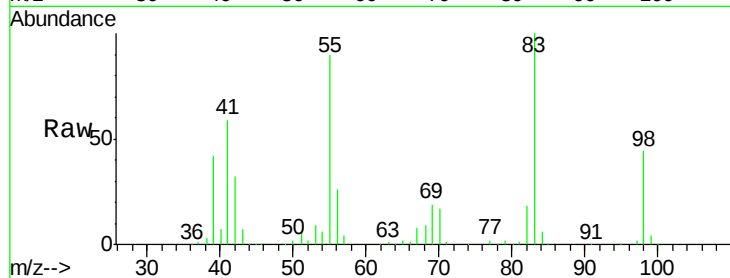
Tot Ion: 83 Resp: 481837

Ion Ratio Lower Upper

83 100

55 90.1 77.4 116.2

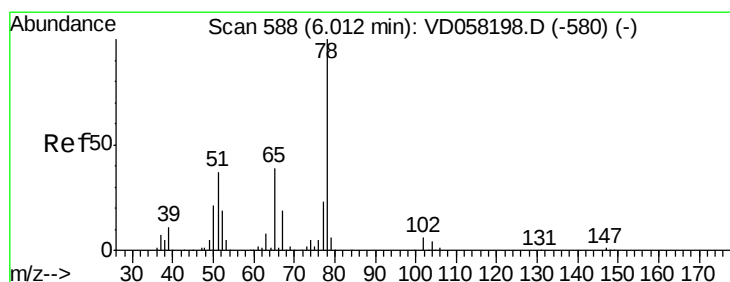
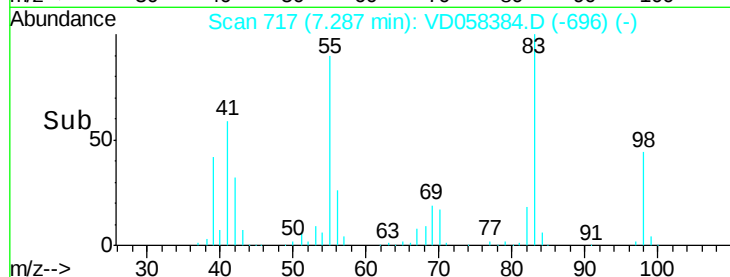
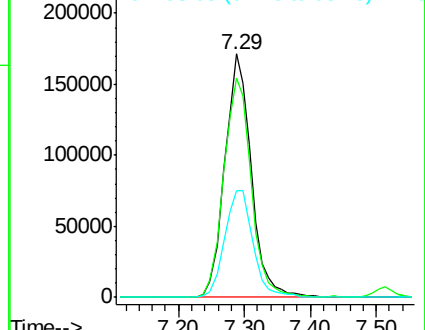
98 43.7 35.9 53.9



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: 47.83 ug/l

RT: 6.02 min Scan# 588

Delta R.T. 0.01 min

Lab File: VD058384.D

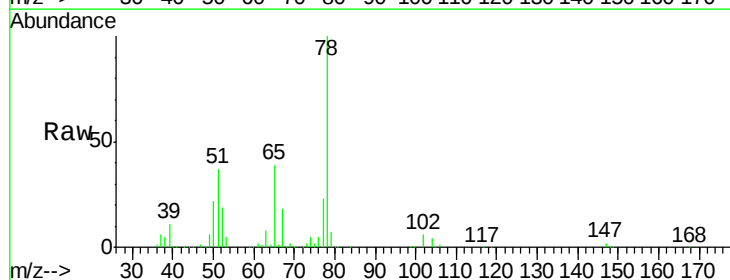
Acq: 24 Jun 2018 21:04

Tgt Ion: 78 Resp: 1218724

Ion Ratio Lower Upper

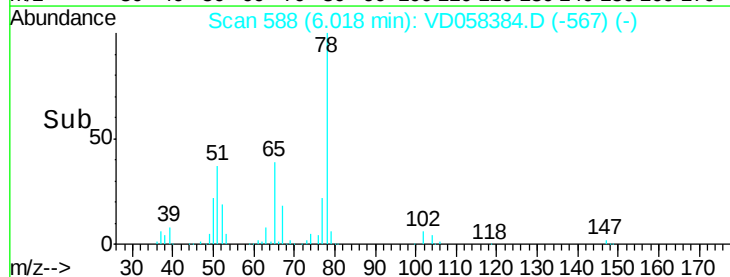
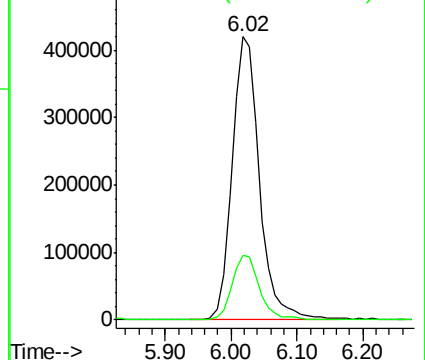
78 100

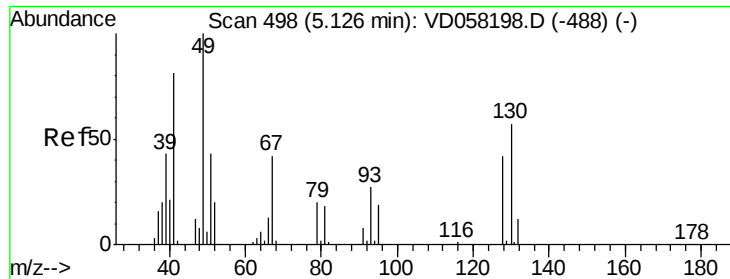
77 23.0 18.5 27.7



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

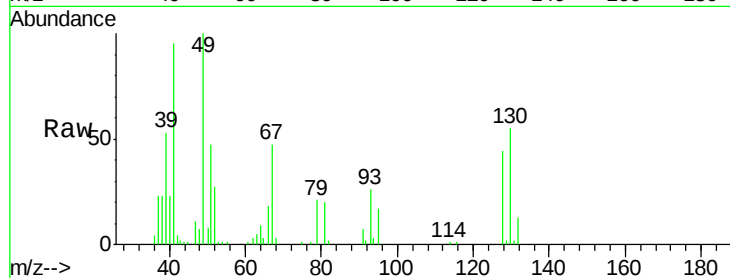




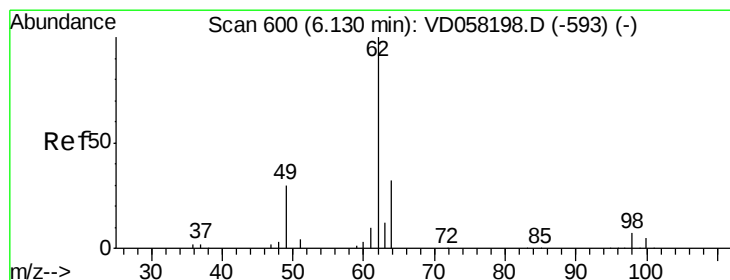
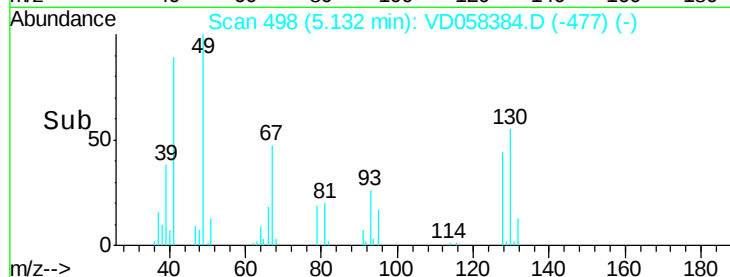
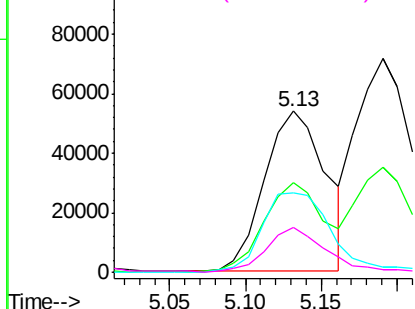
#41  
Methacrylonitrile  
Concen: 51.64 ug/l  
RT: 5.13 min Scan# 498  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 41 Resp: 151985  
Ion Ratio Lower Upper  
41 100  
39 55.6 43.4 65.2  
67 49.1 41.7 62.5  
52 28.1 20.6 30.8

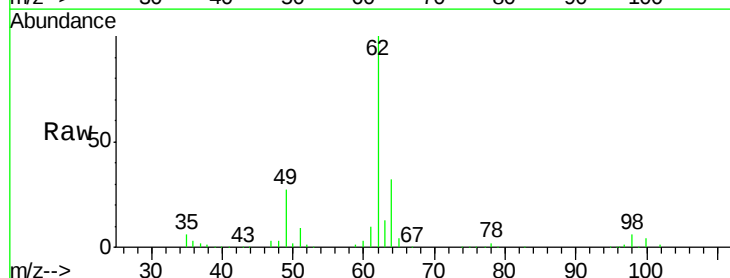


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

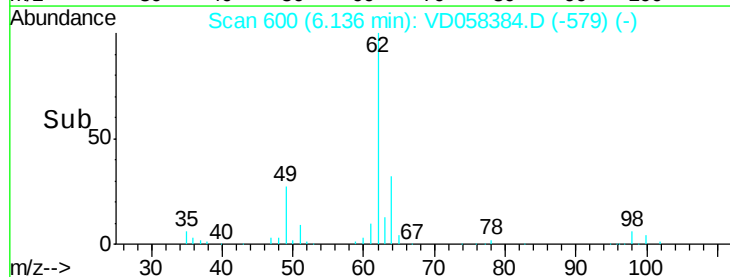
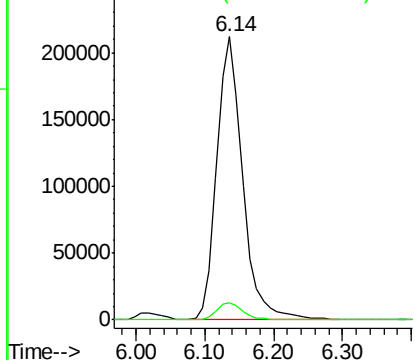


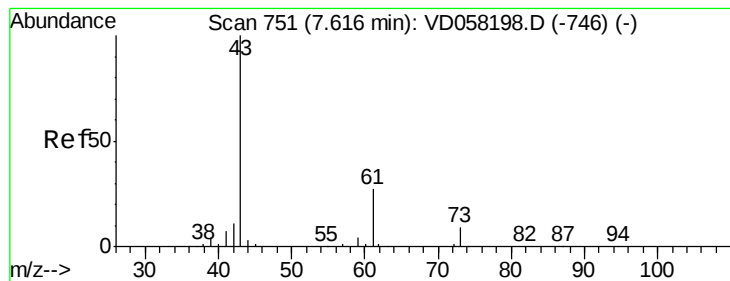
#42  
1,2-Dichloroethane  
Concen: 53.36 ug/l  
RT: 6.14 min Scan# 600  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion: 62 Resp: 548315  
Ion Ratio Lower Upper  
62 100  
98 6.2 0.0 13.2



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



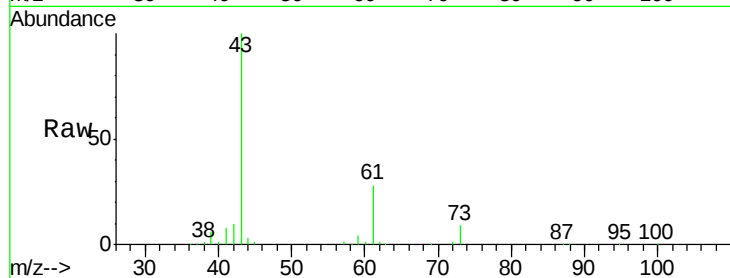


#43

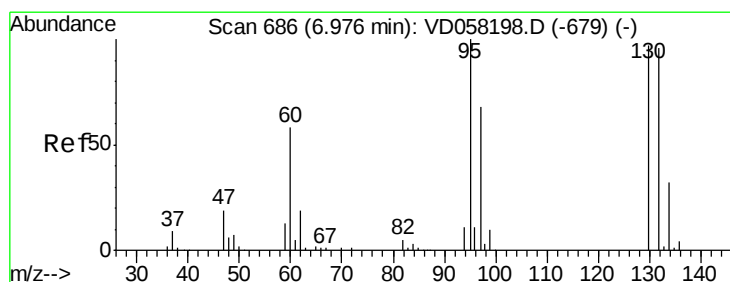
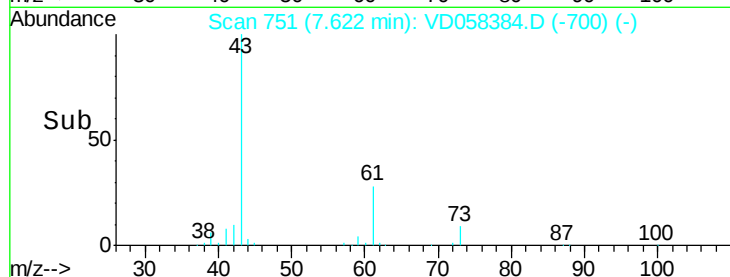
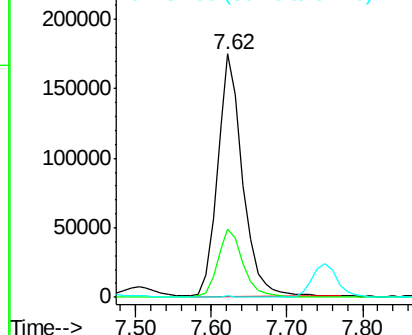
Isopropyl Acetate  
 Concen: 49.43 ug/l  
 RT: 7.62 min Scan# 751  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 43 Resp: 401695  
 Ion Ratio Lower Upper  
 43 100  
 61 27.8 21.8 32.6  
 87 0.5 0.3 0.5



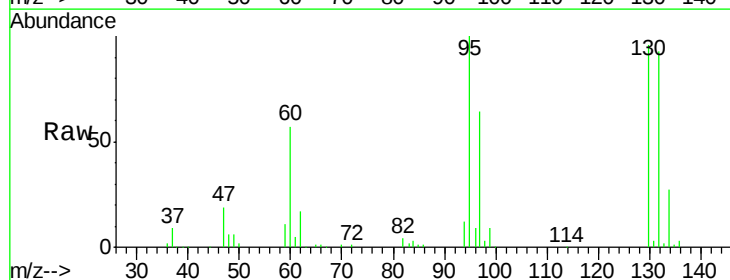
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



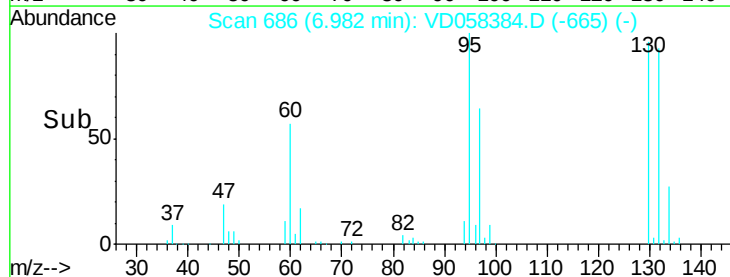
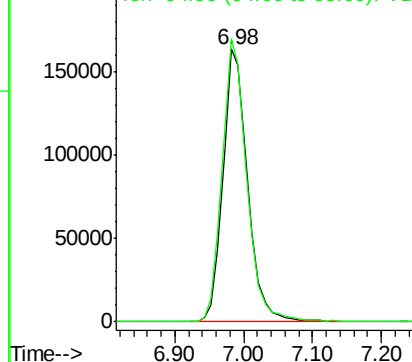
#44

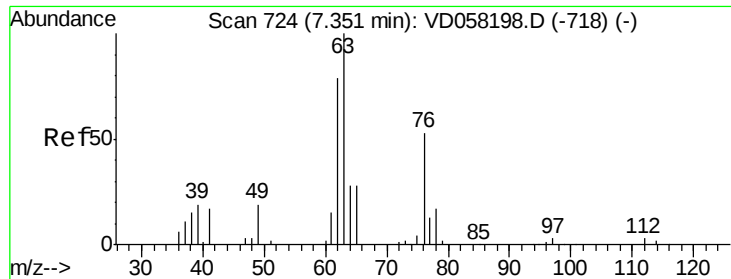
Trichloroethene  
 Concen: 52.81 ug/l  
 RT: 6.98 min Scan# 686  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Tgt Ion:130 Resp: 404120  
 Ion Ratio Lower Upper  
 130 100  
 95 103.8 0.0 205.6



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

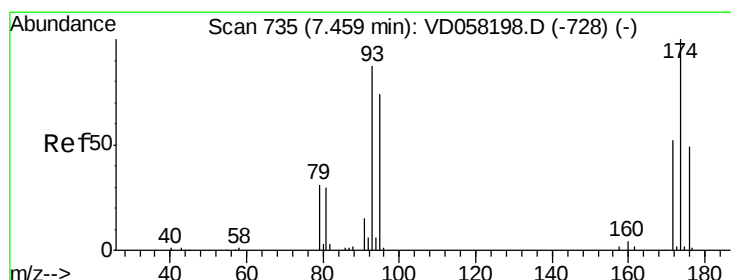
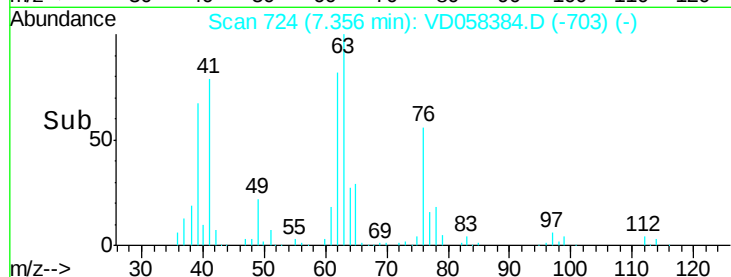
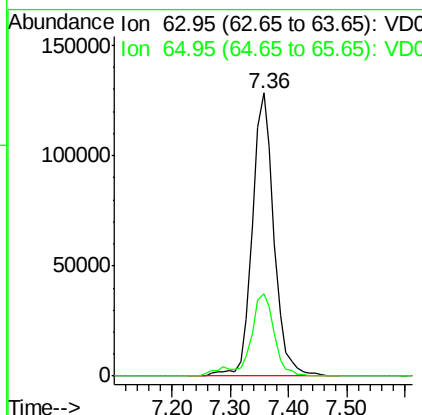
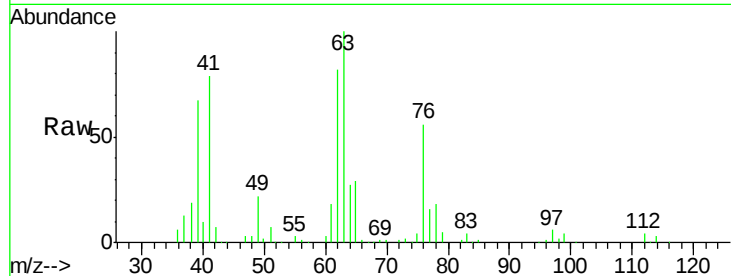




#45  
 1,2-Dichloropropane  
 Concen: 49.20 ug/l  
 RT: 7.36 min Scan# 724  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

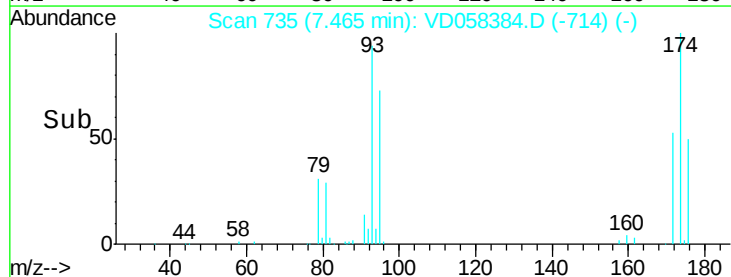
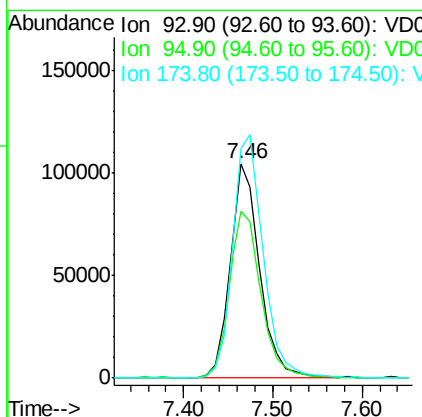
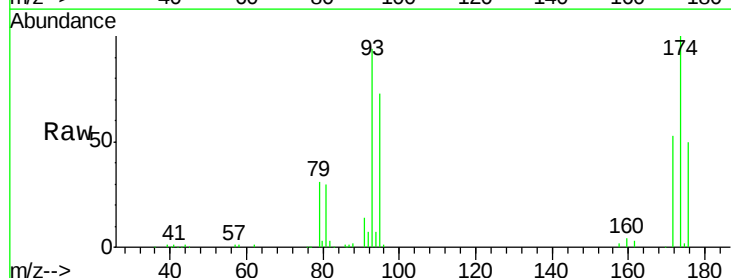
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

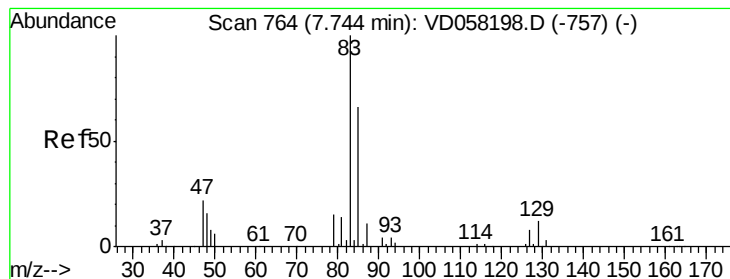
Tot Ion: 63 Resp: 337637  
 Ion Ratio Lower Upper  
 63 100  
 65 28.9 24.0 36.0



#46  
 Dibromomethane  
 Concen: 51.57 ug/l  
 RT: 7.46 min Scan# 735  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Tgt Ion: 93 Resp: 241588  
 Ion Ratio Lower Upper  
 93 100  
 95 77.9 67.8 101.6  
 174 106.9 92.2 138.2





#47

Bromodichloromethane

Concen: 53.44 ug/l

RT: 7.75 min Scan# 764

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

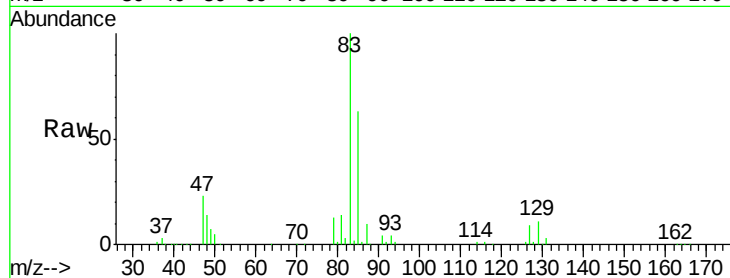
Tot Ion: 83 Resp: 570930

Ion Ratio Lower Upper

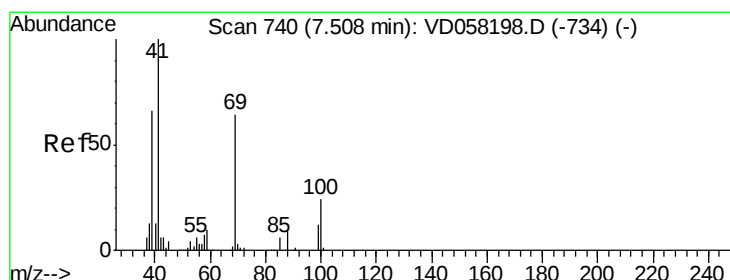
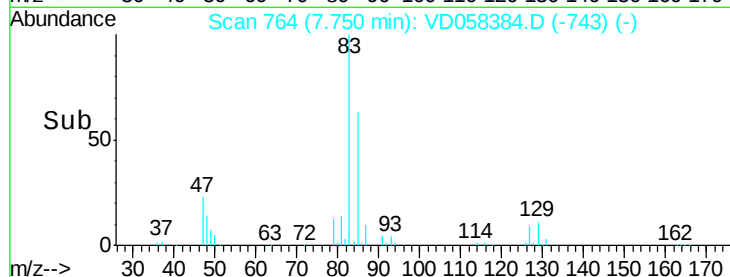
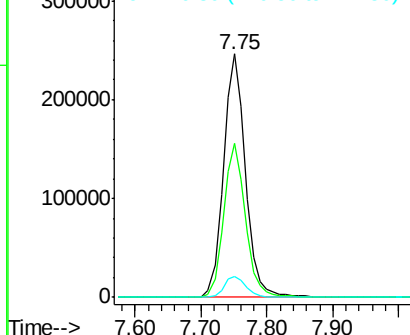
83 100

85 63.2 52.6 78.8

127 8.7 6.2 9.4



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: 51.91 ug/l

RT: 7.51 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

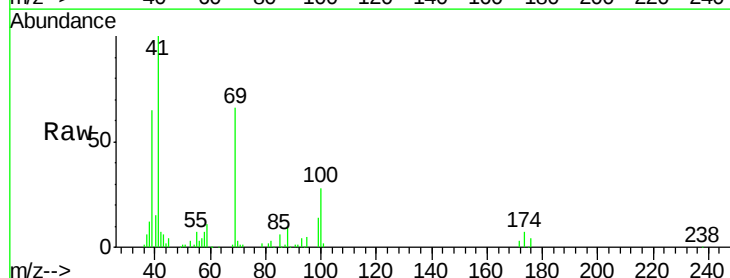
Tgt Ion: 41 Resp: 256380

Ion Ratio Lower Upper

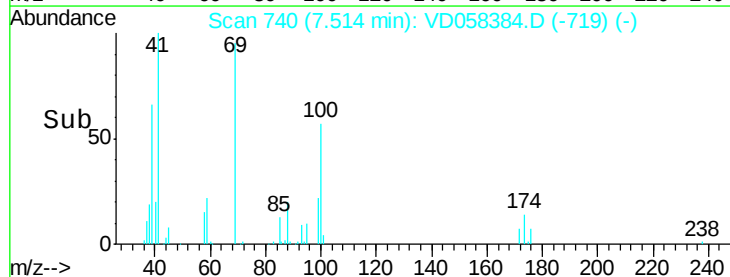
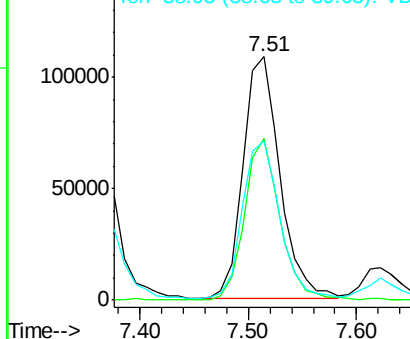
41 100

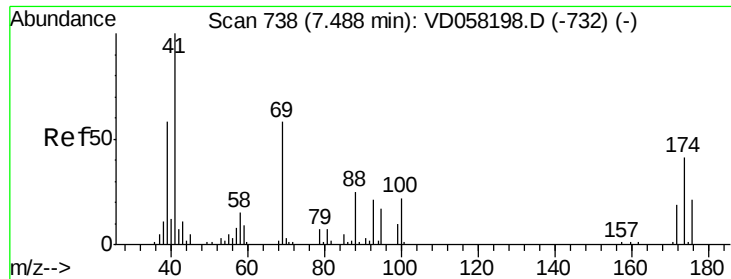
69 66.3 50.7 76.1

39 65.4 52.6 78.8



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

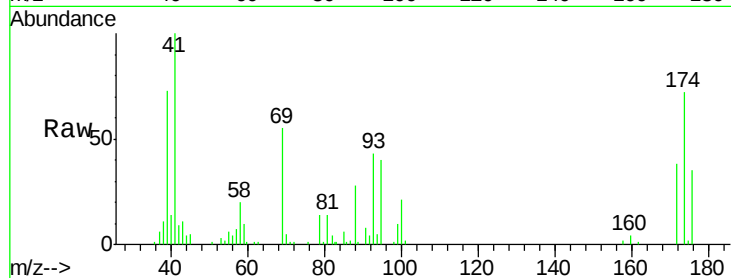




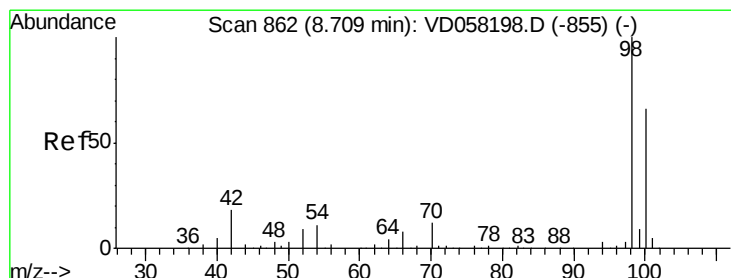
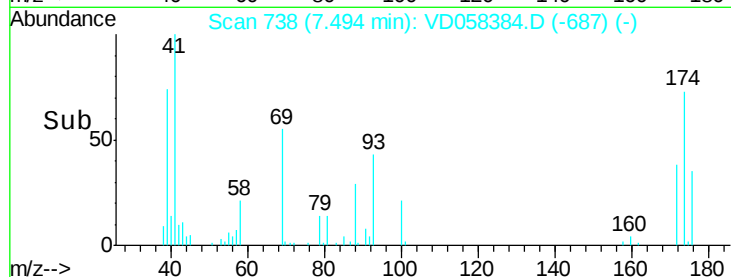
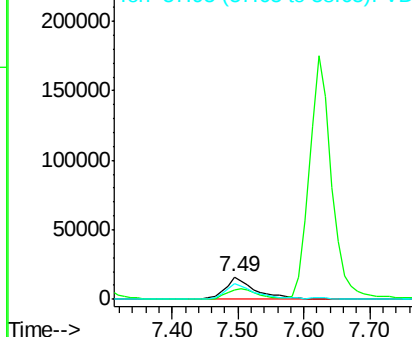
#49  
1,4-Dioxane  
Concen: 1164.04 ug/l  
RT: 7.49 min Scan# 738  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 88 Resp: 51894  
Ion Ratio Lower Upper  
88 100  
43 39.8 34.2 51.2  
58 71.4 47.9 71.9

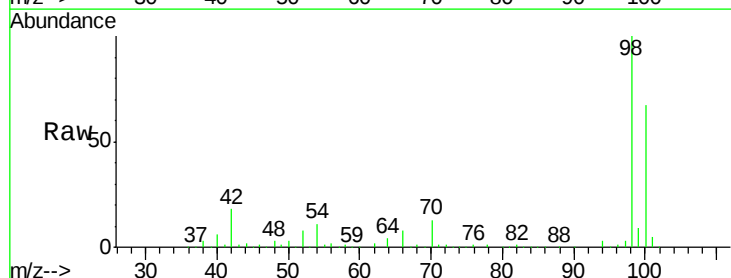


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

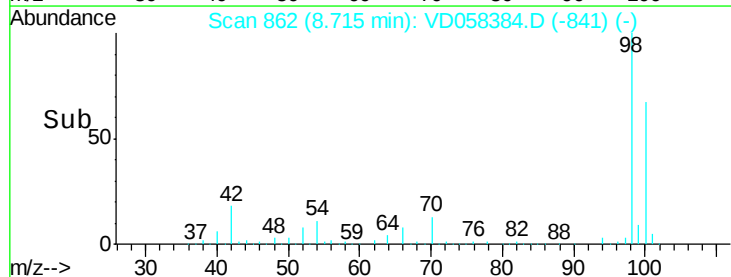
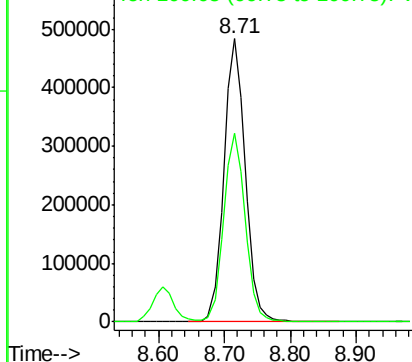


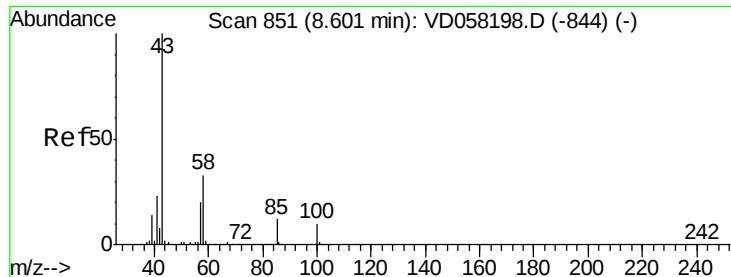
#50  
Toluene-d8  
Concen: 1164.04 ug/l  
RT: 8.71 min Scan# 862  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion: 98 Resp: 1100806  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.6 80.4



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: 252.68 ug/l

RT: 8.61 min Scan# 851

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

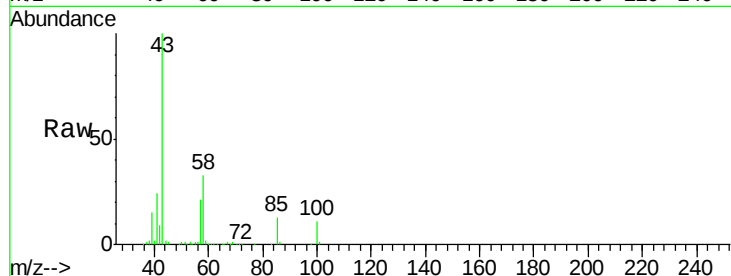
VSTDCCC050EC

Tot Ion: 43 Resp: 1339271

Ion Ratio Lower Upper

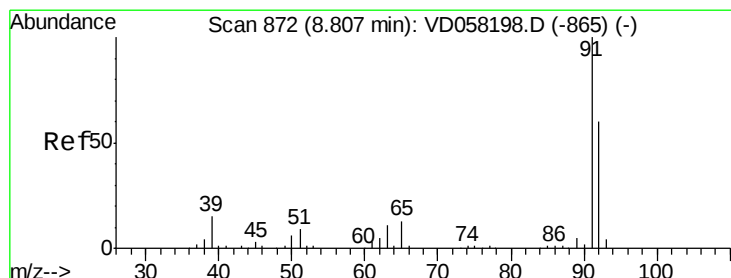
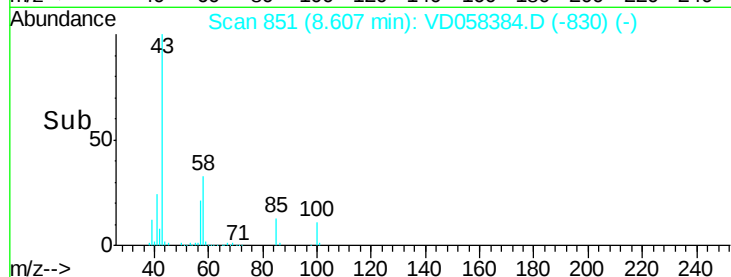
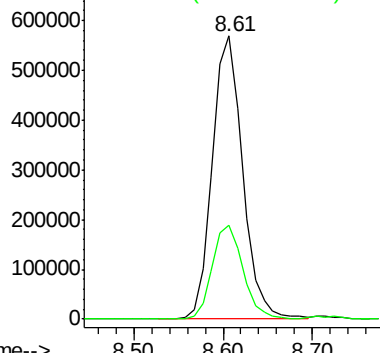
43 100

58 33.4 26.7 40.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 48.98 ug/l

RT: 8.81 min Scan# 872

Delta R.T. 0.01 min

Lab File: VD058384.D

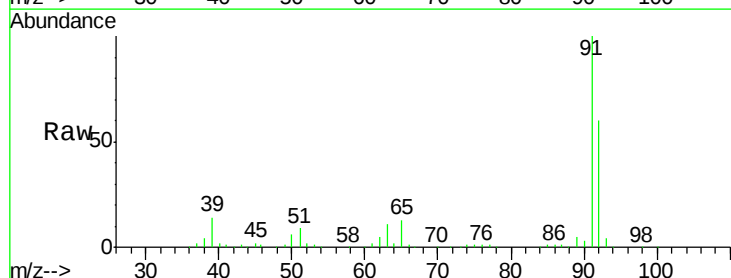
Acq: 24 Jun 2018 21:04

Tgt Ion: 92 Resp: 710722

Ion Ratio Lower Upper

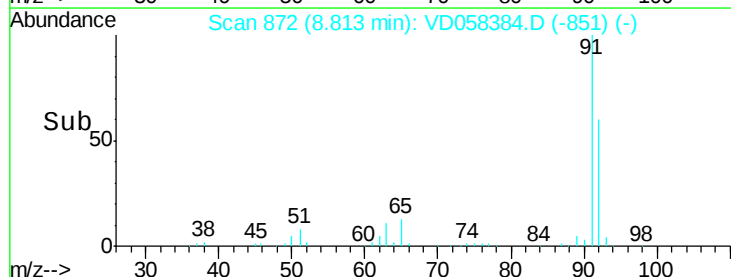
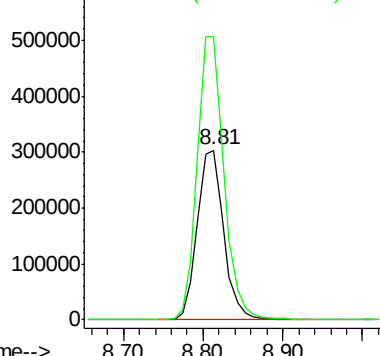
92 100

91 166.6 133.2 199.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

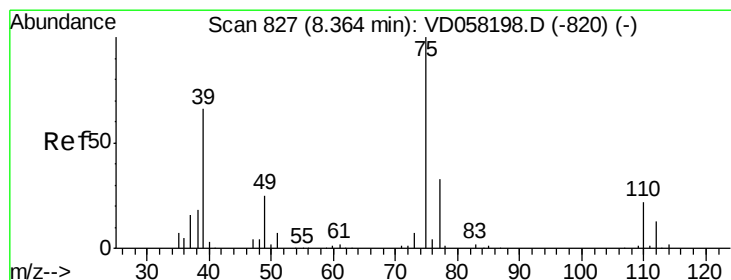
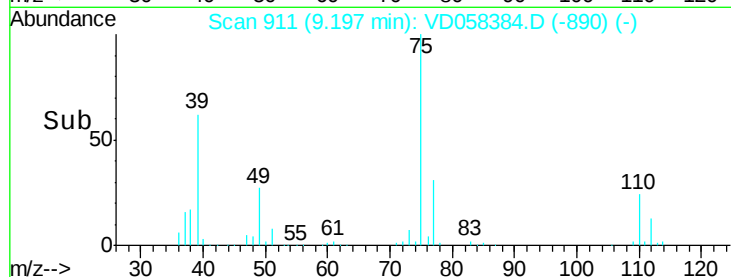
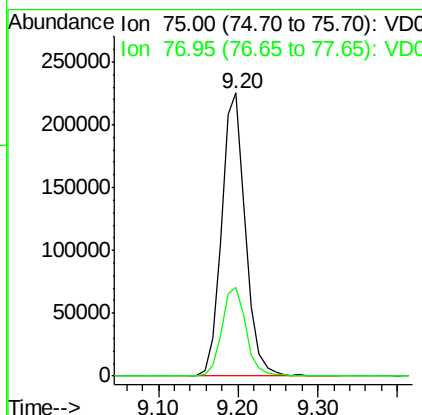
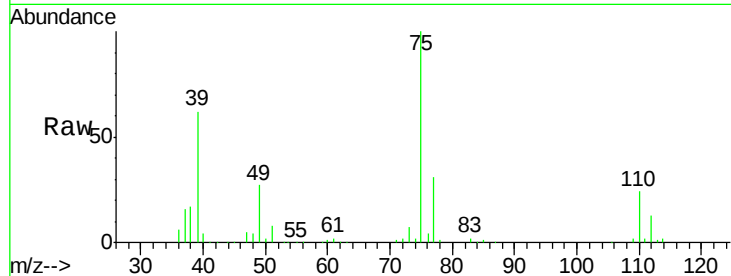




#53  
t-1,3-Dichloropropene  
Concen: 50.91 ug/l  
RT: 9.20 min Scan# 911  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

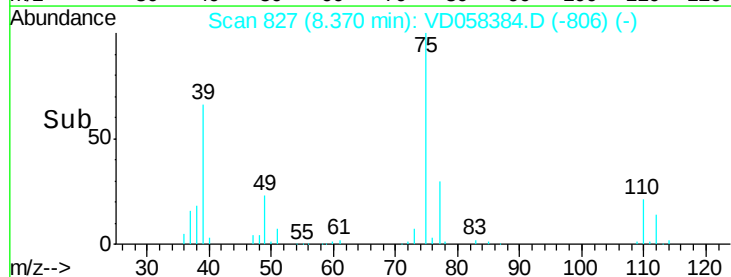
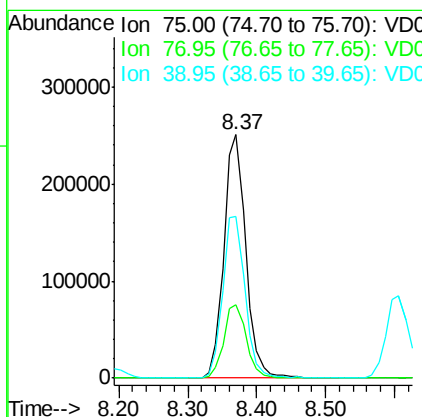
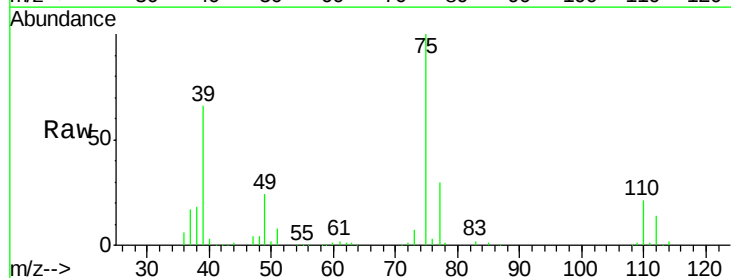
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

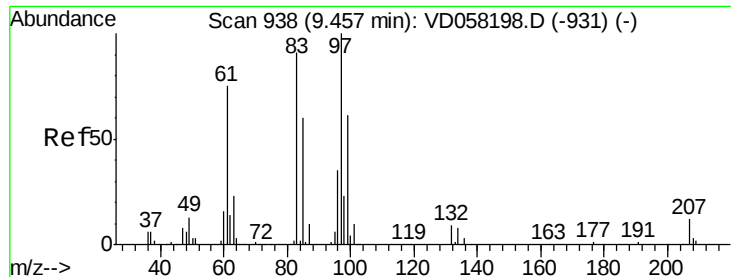
Tot Ion: 75 Resp: 472855  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.8 38.8



#54  
cis-1,3-Dichloropropene  
Concen: 50.75 ug/l  
RT: 8.37 min Scan# 827  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion: 75 Resp: 552617  
Ion Ratio Lower Upper  
75 100  
77 30.4 26.5 39.7  
39 66.4 52.9 79.3

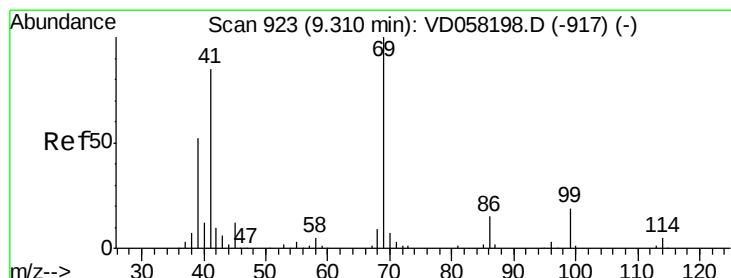
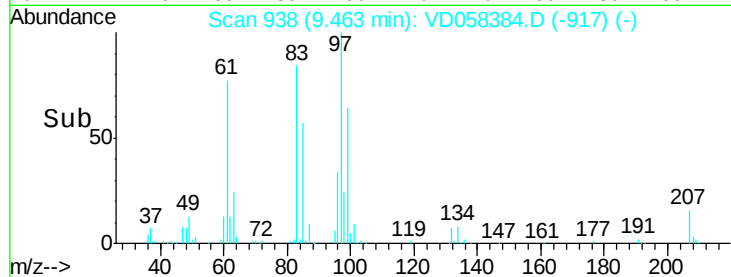
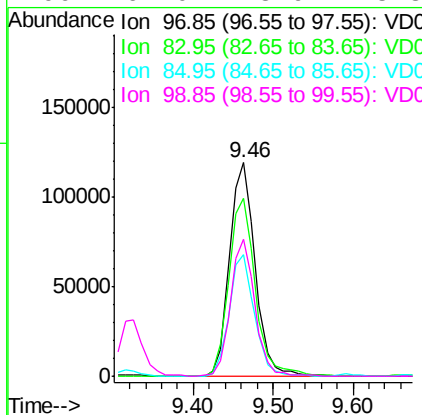
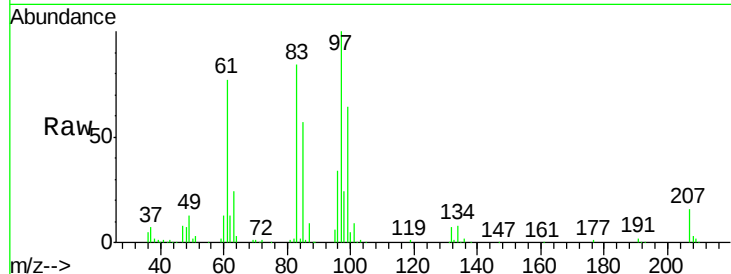




#55  
 1,1,2-Trichloroethane  
 Concen: 52.43 ug/l  
 RT: 9.46 min Scan# 938  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

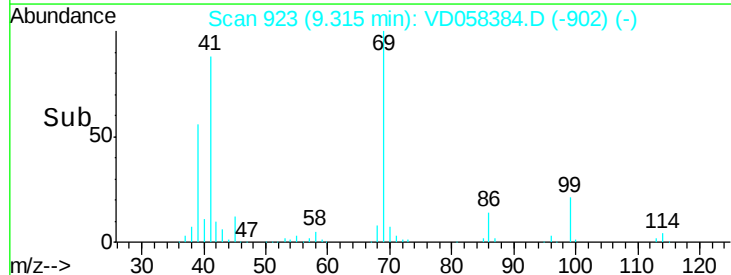
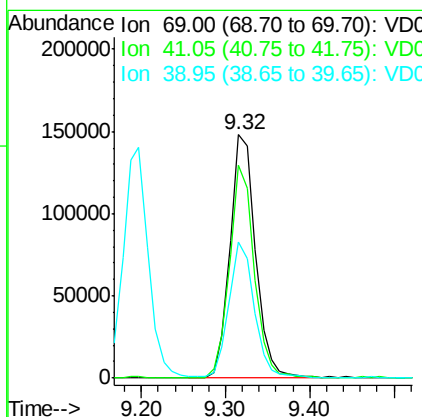
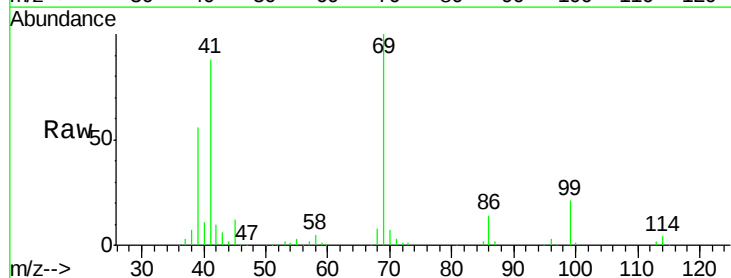
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

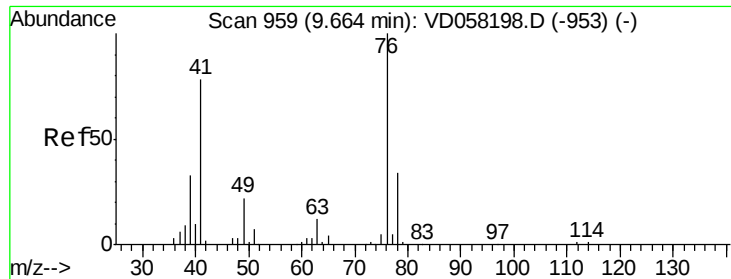
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 269174 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.6  | 72.9  | 109.3  |
| 85       | 56.7  | 48.2  | 72.4   |
| 99       | 64.0  | 48.9  | 73.3   |



#56  
 Ethyl methacrylate  
 Concen: 51.36 ug/l  
 RT: 9.32 min Scan# 923  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 315348 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 87.5  | 67.6  | 101.4  |
| 39       | 55.8  | 42.2  | 63.2   |

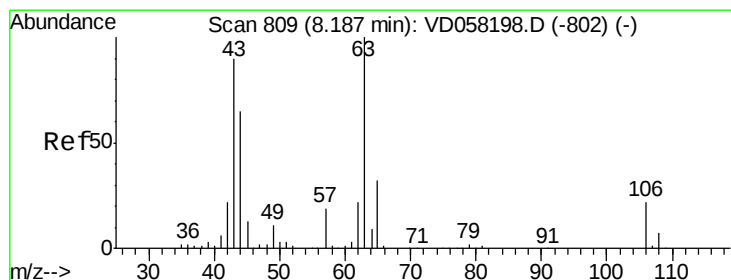
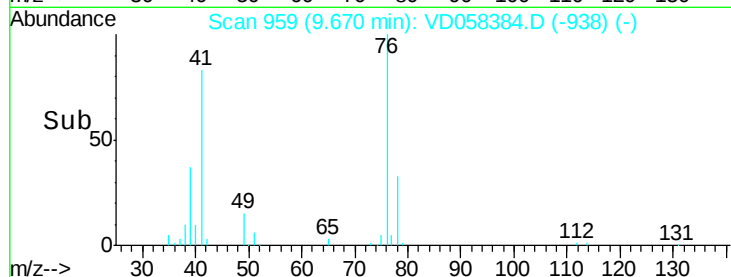
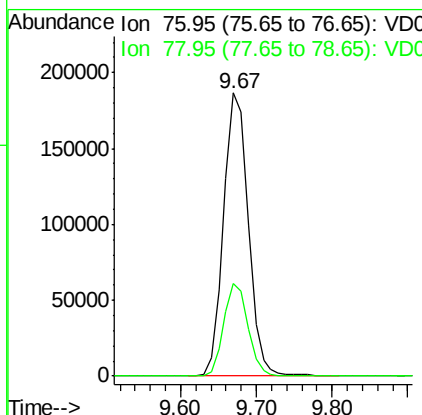
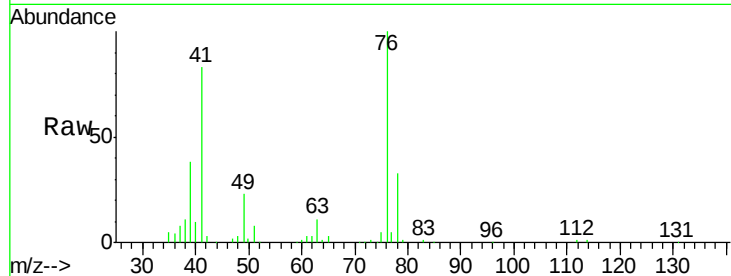




#57  
 1,3-Dichloropropane  
 Concen: 49.08 ug/l  
 RT: 9.67 min Scan# 959  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

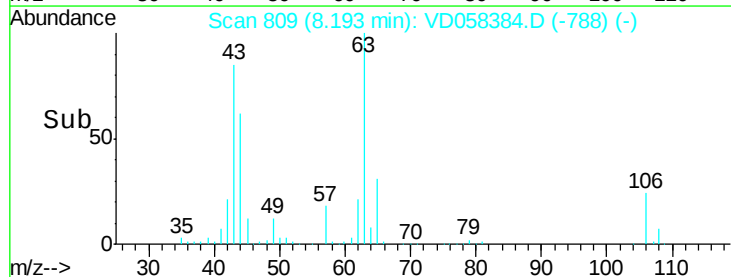
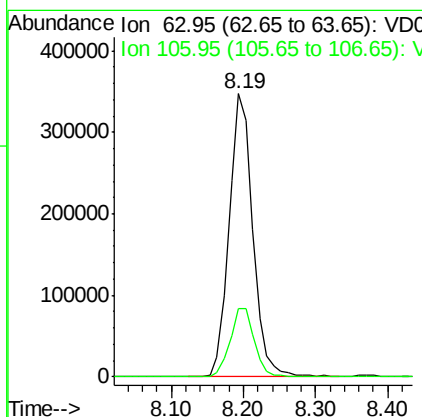
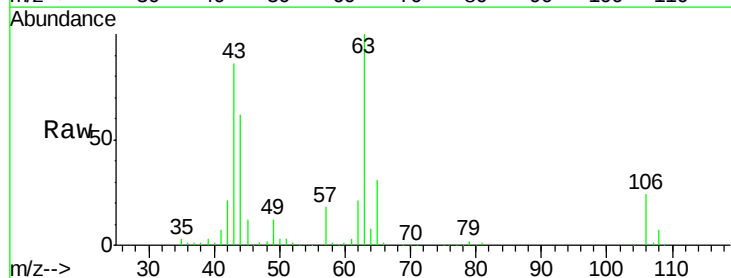
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

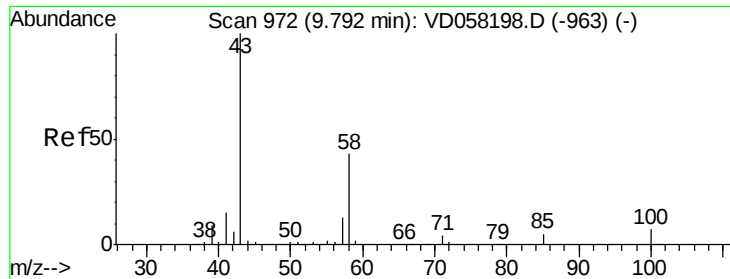
Tot Ion: 76 Resp: 424391  
 Ion Ratio Lower Upper  
 76 100  
 78 32.7 27.0 40.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 261.04 ug/l  
 RT: 8.19 min Scan# 809  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Tgt Ion: 63 Resp: 793405  
 Ion Ratio Lower Upper  
 63 100  
 106 24.1 18.0 27.0

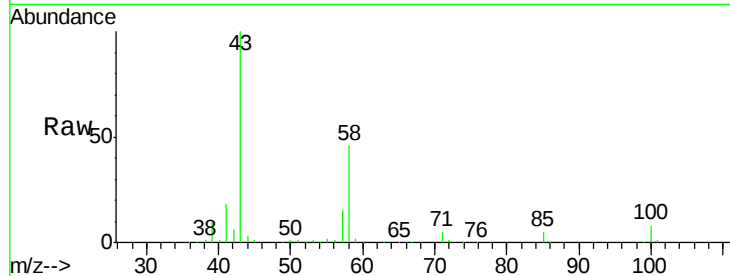




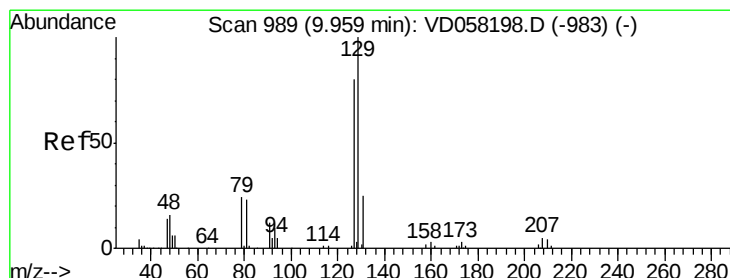
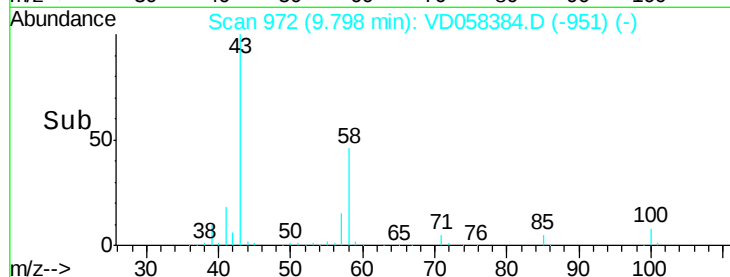
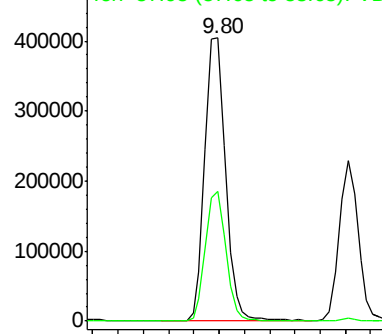
#59  
2-Hexanone  
Concen: 241.73 ug/l  
RT: 9.80 min Scan# 972  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 925794  
Ion Ratio Lower Upper  
43 100  
58 45.7 21.7 65.1

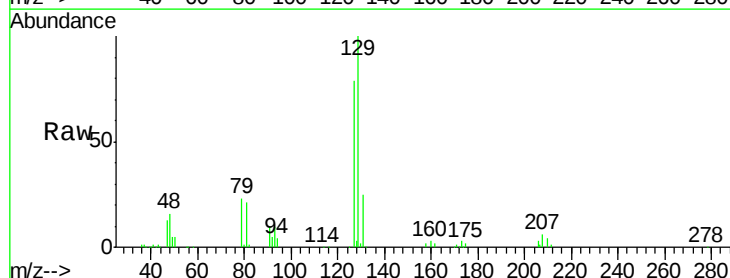


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

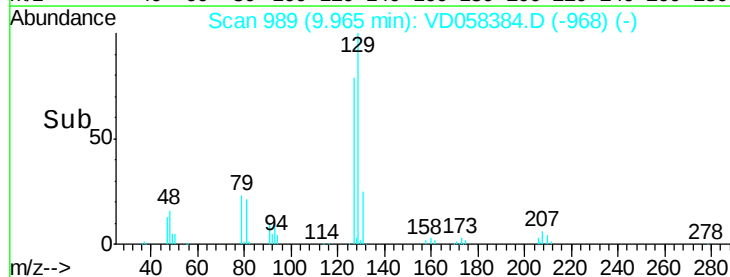
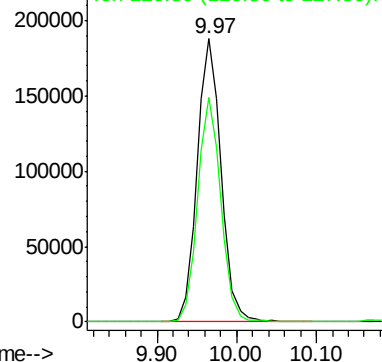


#60  
Dibromochloromethane  
Concen: 57.07 ug/l  
RT: 9.97 min Scan# 989  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion: 129 Resp: 397587  
Ion Ratio Lower Upper  
129 100  
127 79.4 39.8 119.4



Abundance Ion 128.80 (128.50 to 129.50): V  
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 53.27 ug/l

RT: 10.10 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

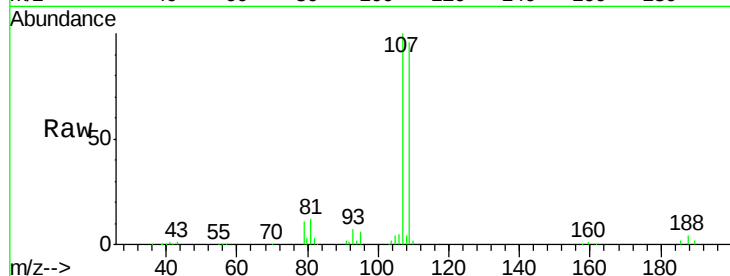
VSTDCCC050EC

Tot Ion: 107 Resp: 299327

Ion Ratio Lower Upper

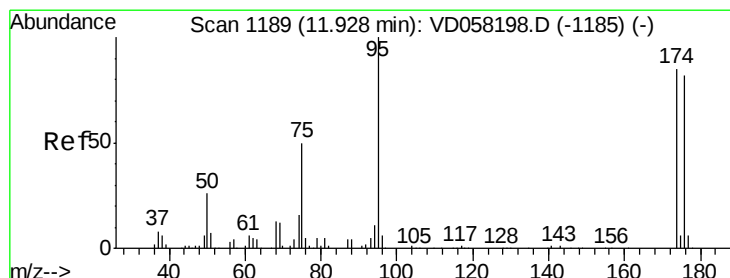
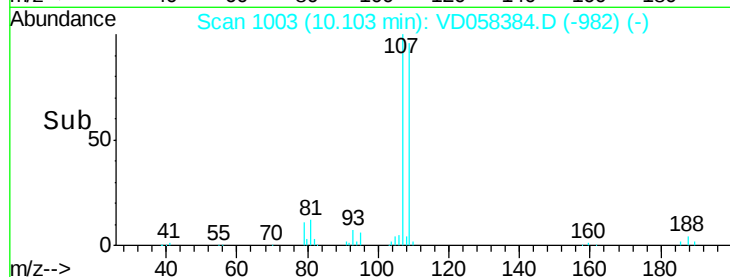
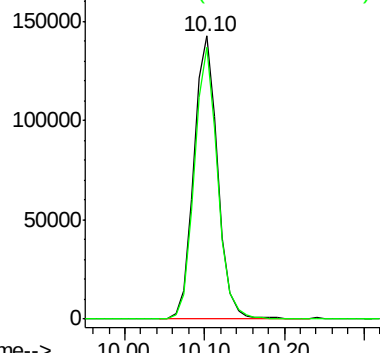
107 100

109 95.8 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 53.27 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

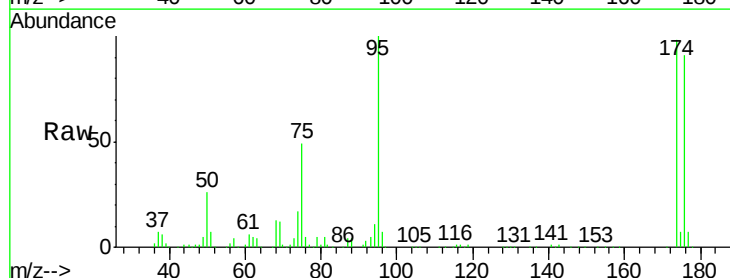
Tgt Ion: 95 Resp: 453217

Ion Ratio Lower Upper

95 100

174 98.0 0.0 170.2

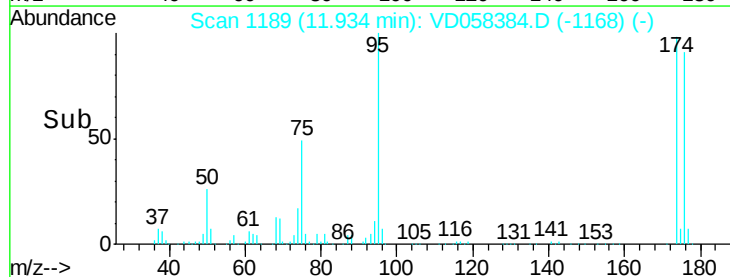
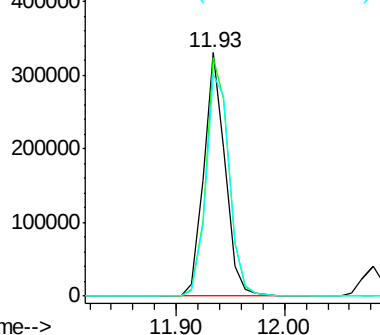
176 90.9 0.0 164.6

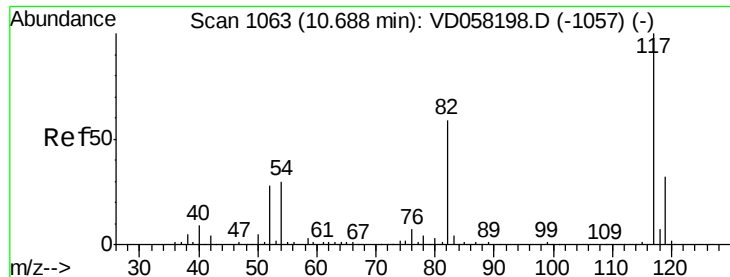


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

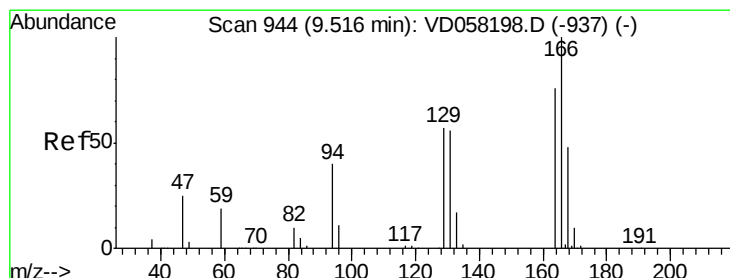
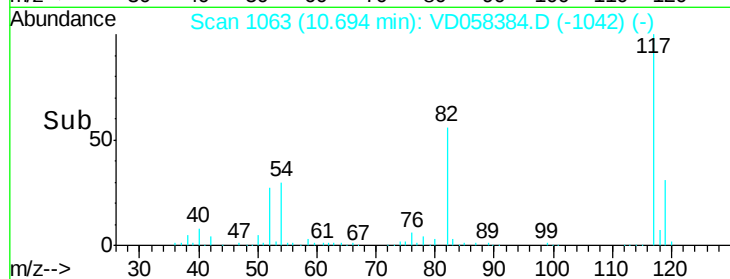
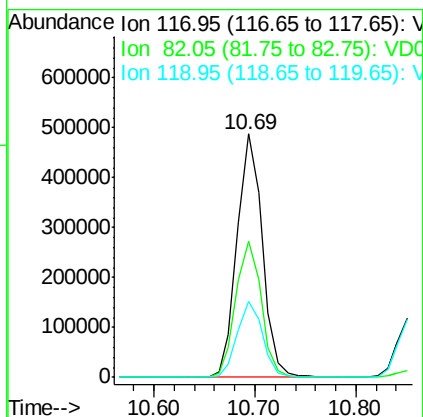
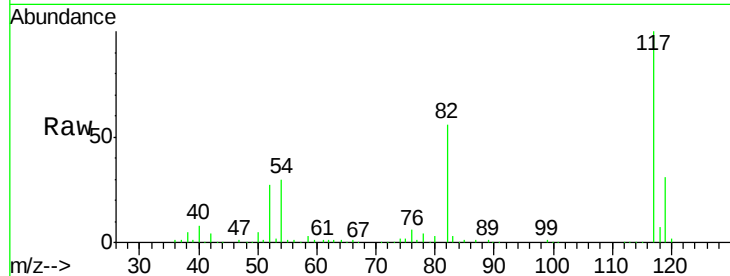




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.69 min Scan# 1063  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

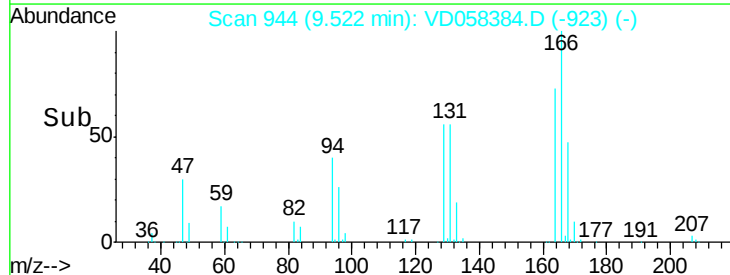
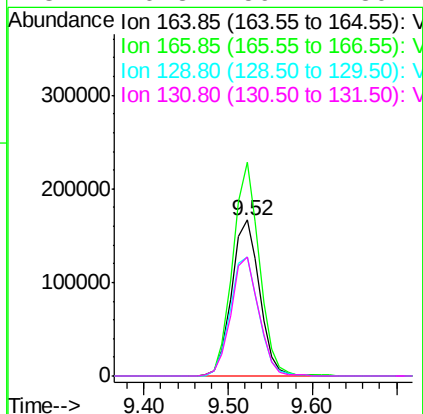
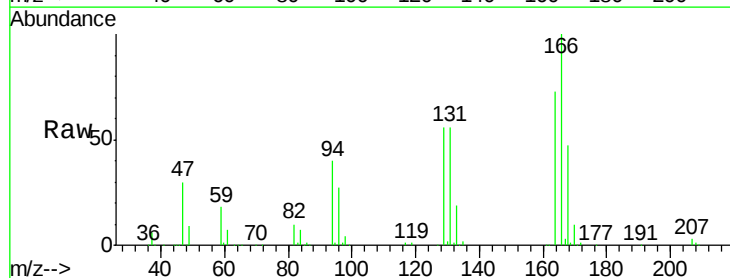
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

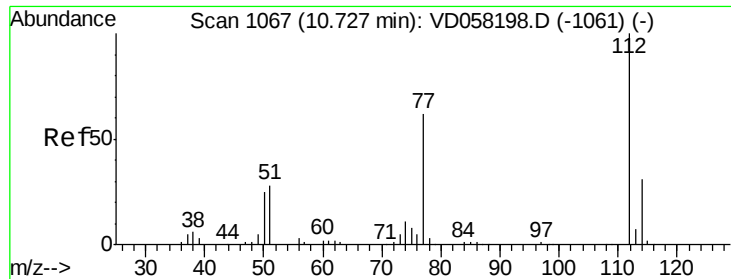
Tot Ion:117 Resp: 852031  
Ion Ratio Lower Upper  
117 100  
82 56.1 47.0 70.6  
119 31.2 25.3 37.9



#64  
Tetrachloroethene  
Concen: 53.75 ug/l  
RT: 9.52 min Scan# 944  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion:164 Resp: 385317  
Ion Ratio Lower Upper  
164 100  
166 137.0 105.4 158.0  
129 76.4 59.6 89.4  
131 76.3 59.4 89.2

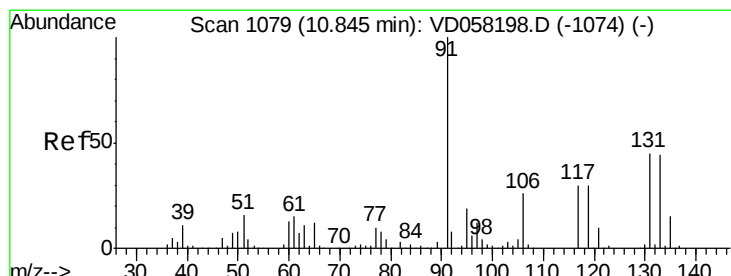
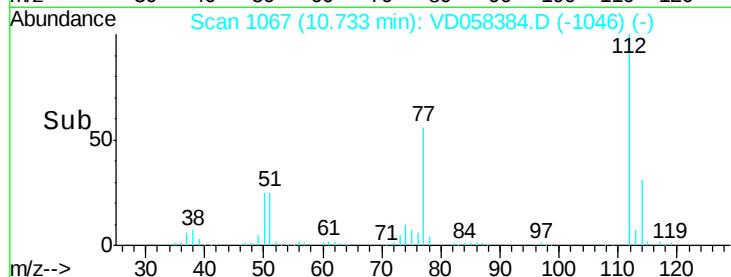
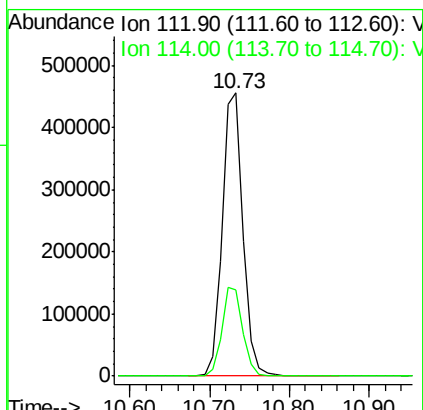
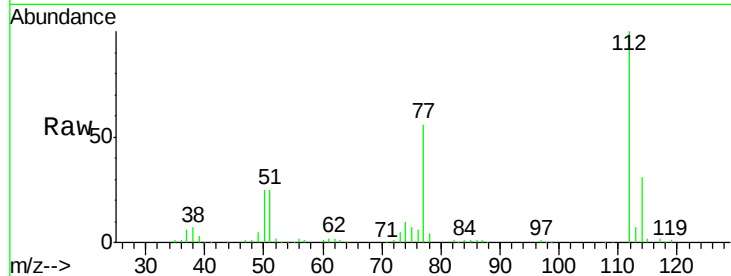




#65  
Chlorobenzene  
Concen: 52.47 ug/l  
RT: 10.73 min Scan# 1067  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

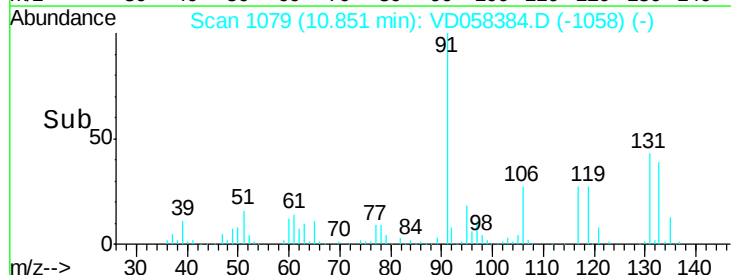
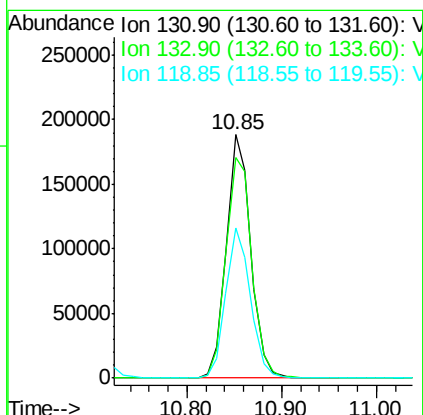
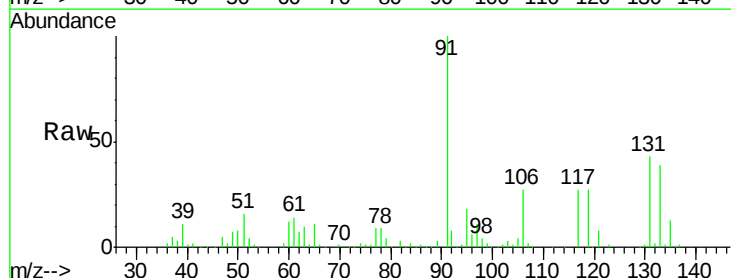
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:112 Resp: 836267  
Ion Ratio Lower Upper  
112 100  
114 30.6 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.49 ug/l  
RT: 10.85 min Scan# 1079  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion:131 Resp: 335170  
Ion Ratio Lower Upper  
131 100  
133 90.6 48.6 145.9  
119 61.8 33.0 99.0

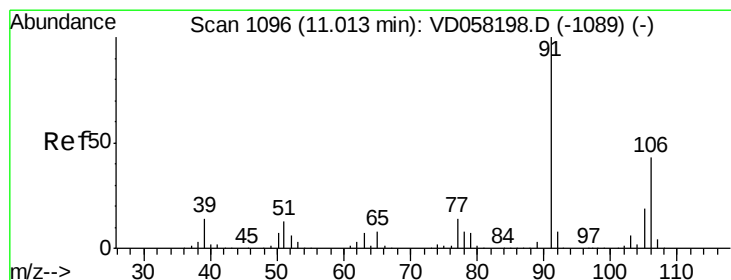
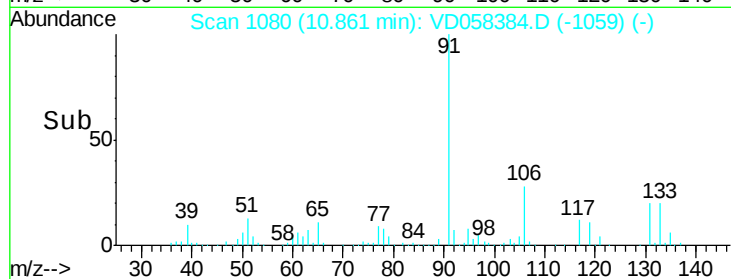
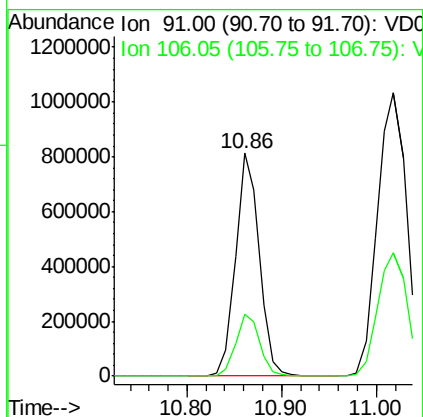
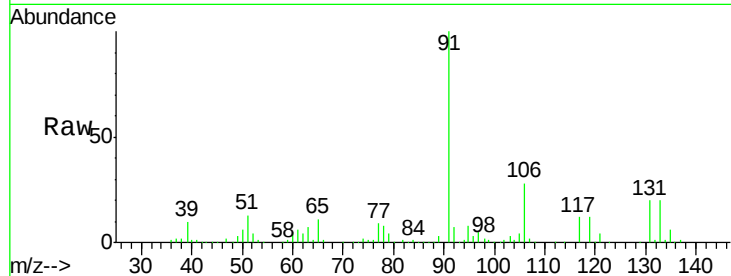




#67  
Ethyl Benzene  
Concen: 49.99 ug/l  
RT: 10.86 min Scan# 1080  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

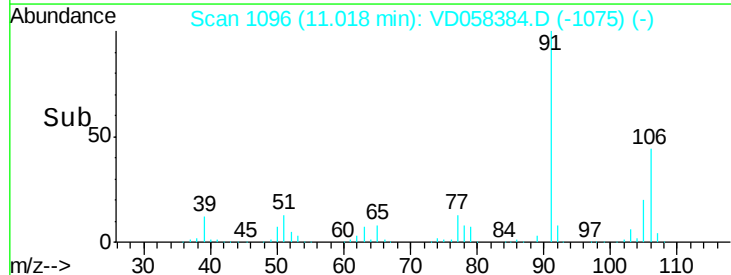
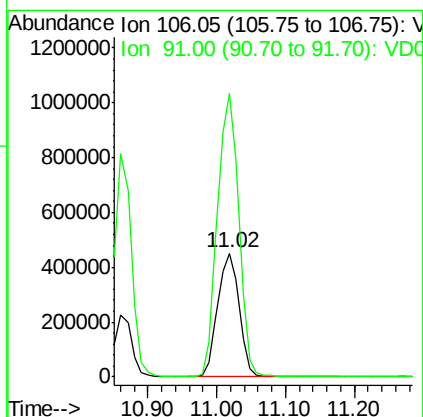
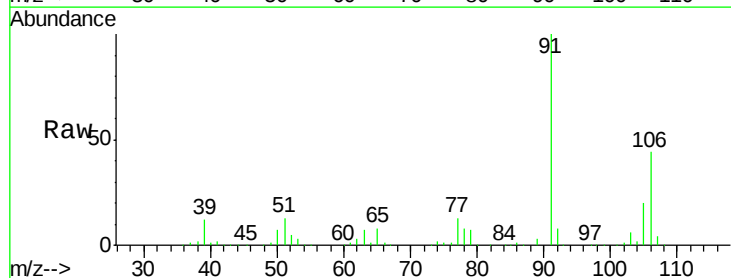
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

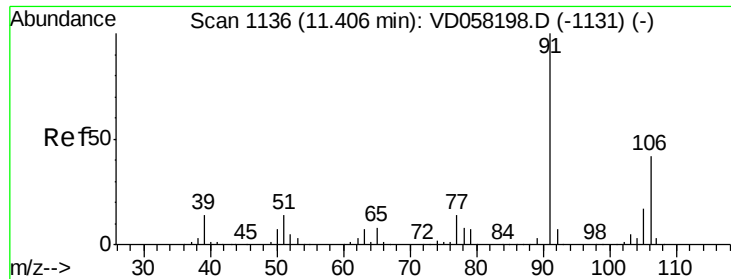
Tot Ion: 91 Resp: 1406566  
Ion Ratio Lower Upper  
91 100  
106 27.8 22.0 33.0



#68  
m/p-Xylenes  
Concen: 104.07 ug/l  
RT: 11.02 min Scan# 1096  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion: 106 Resp: 976501  
Ion Ratio Lower Upper  
106 100  
91 228.3 185.0 277.6

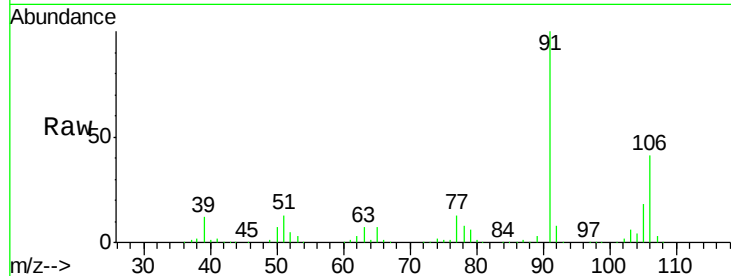




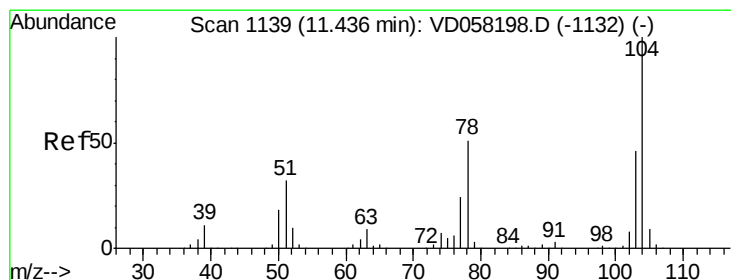
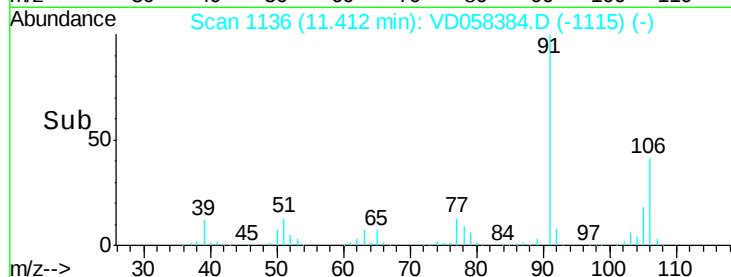
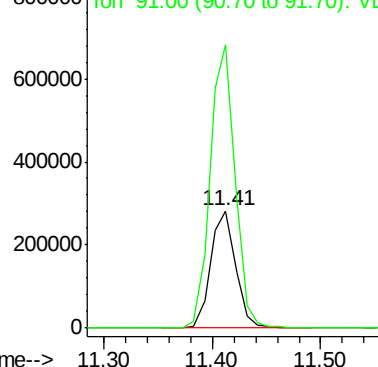
#69  
o-Xylene  
Concen: 50.36 ug/l  
RT: 11.41 min Scan# 1136  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 451292  
Ion Ratio Lower Upper  
106 100  
91 241.5 120.2 360.6

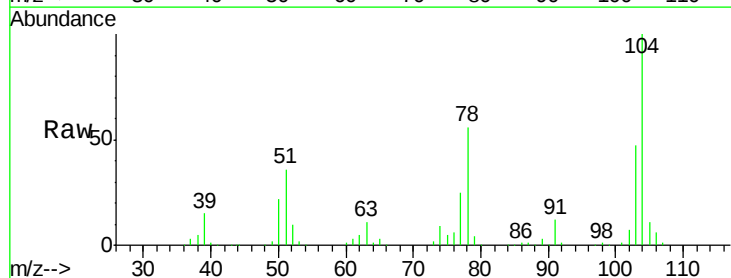


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

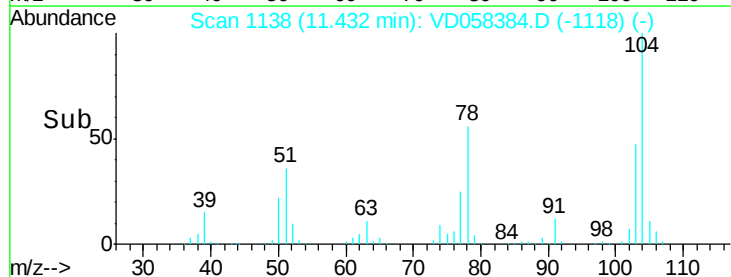
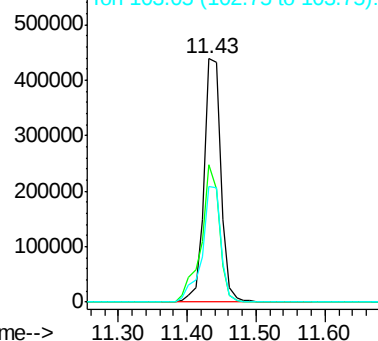


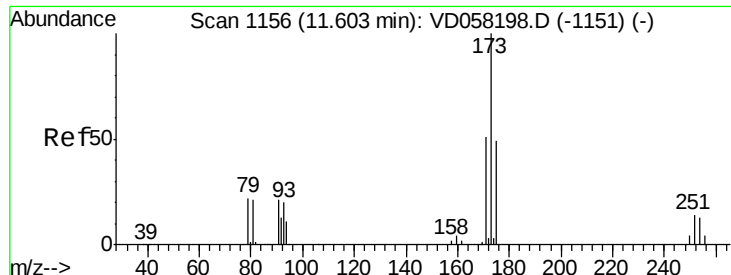
#70  
Styrene  
Concen: 48.49 ug/l  
RT: 11.43 min Scan# 1138  
Delta R.T. -0.00 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion:104 Resp: 741478  
Ion Ratio Lower Upper  
104 100  
78 56.4 40.8 61.2  
103 47.3 37.0 55.6



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

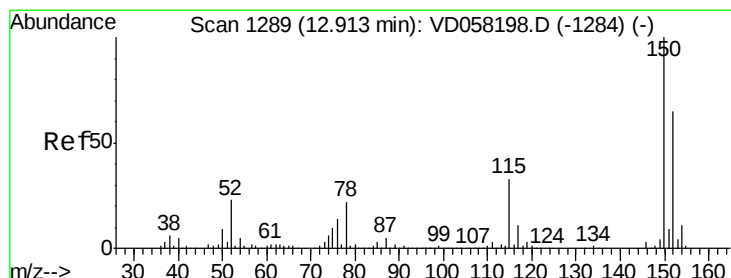
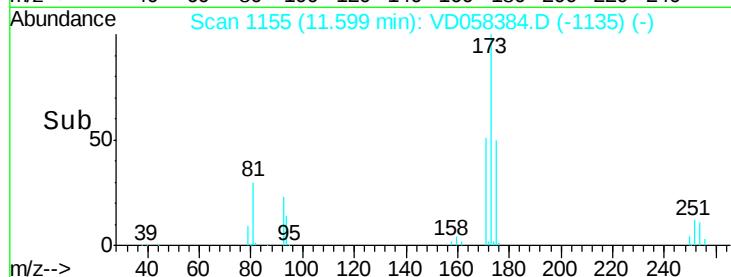
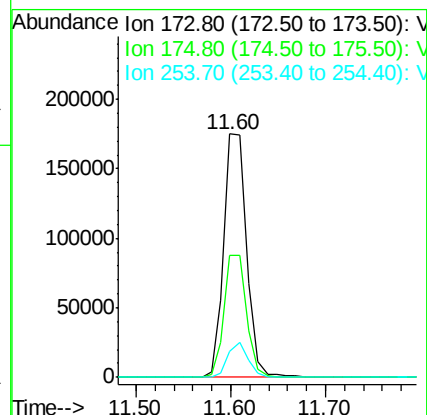
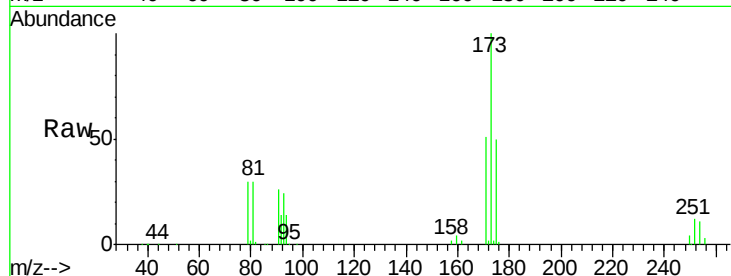




#71  
Bromoform  
Concen: 59.65 ug/l  
RT: 11.60 min Scan# 1155  
Delta R.T. -0.00 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

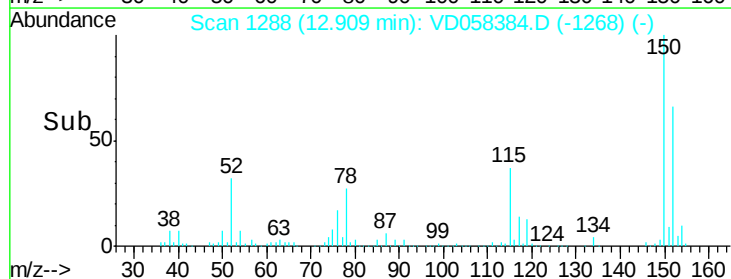
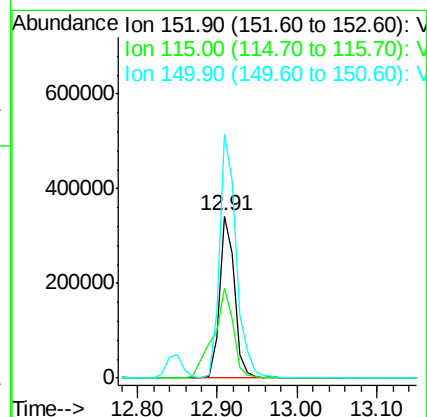
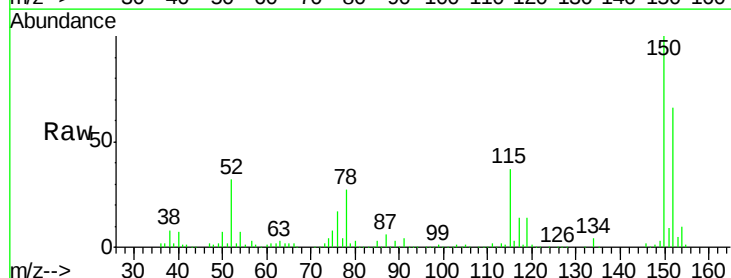
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

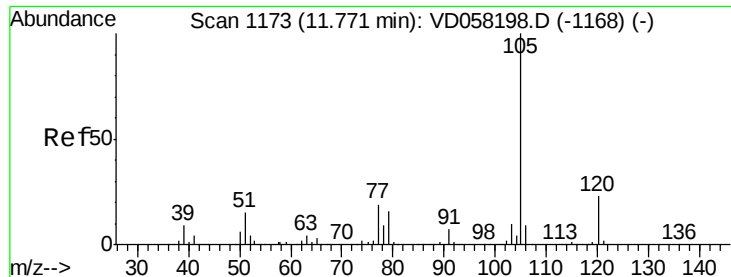
Tot Ion:173 Resp: 292643  
Ion Ratio Lower Upper  
173 100  
175 50.3 24.6 74.0  
254 10.9 10.3 15.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.91 min Scan# 1288  
Delta R.T. -0.00 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion:152 Resp: 453427  
Ion Ratio Lower Upper  
152 100  
115 55.5 25.1 75.3  
150 150.4 0.0 308.8





#73

Isopropylbenzene

Concen: 51.54 ug/l

RT: 11.78 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

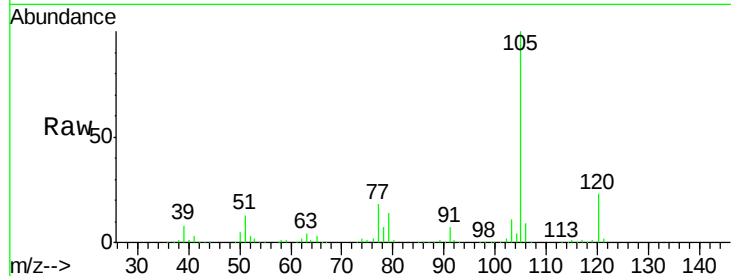
VSTDCCC050EC

Tot Ion: 105 Resp: 1397848

Ion Ratio Lower Upper

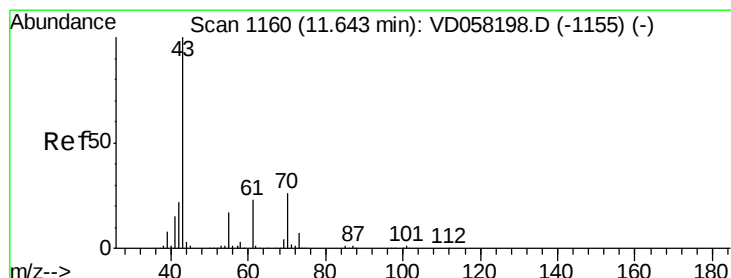
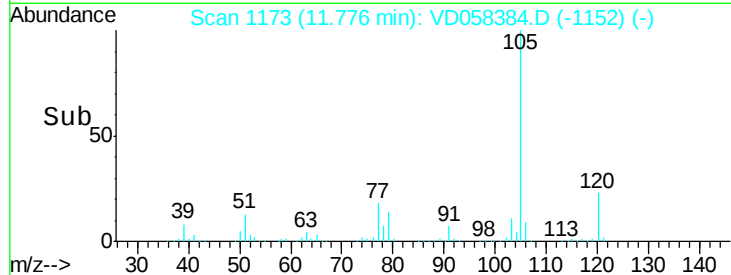
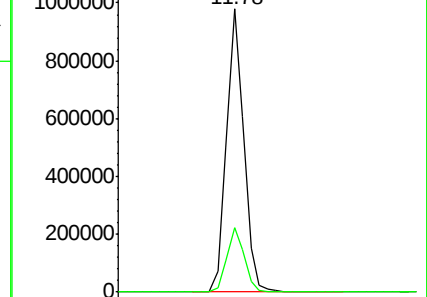
105 100

120 22.8 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 50.89 ug/l

RT: 11.65 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Tgt Ion: 43 Resp: 533645

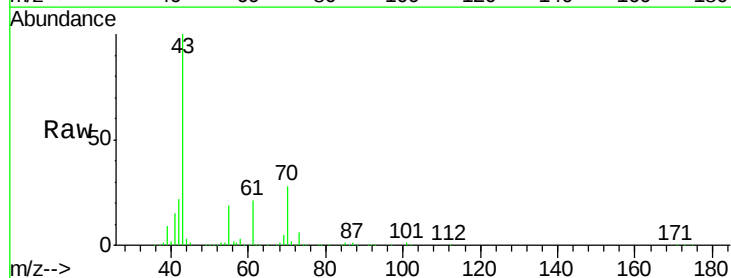
Ion Ratio Lower Upper

43 100

70 27.8 20.9 31.3

55 18.6 13.5 20.3

61 21.4 18.2 27.2

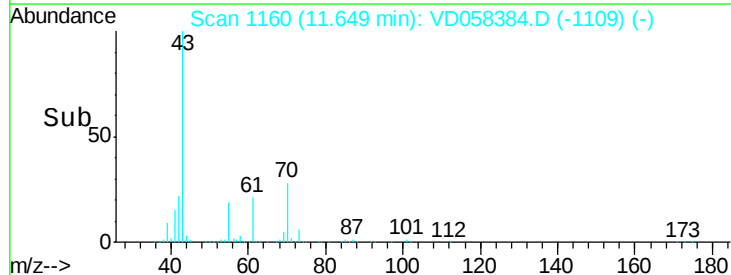
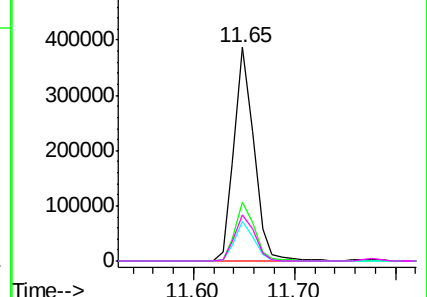


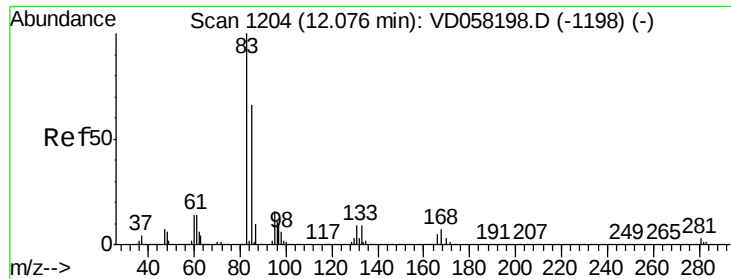
Abundance Ion 42.95 (42.65 to 43.65): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 48.68 ug/l

RT: 12.08 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

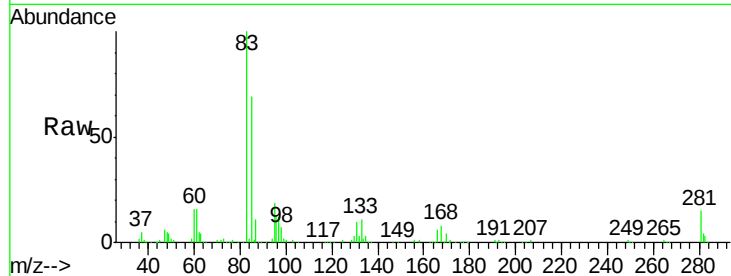
Tot Ion: 83 Resp: 307253

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 9.9   | 4.8   | 14.3  |
| 85  | 69.5  | 33.1  | 99.5  |

83 100

131 9.9 4.8 14.3

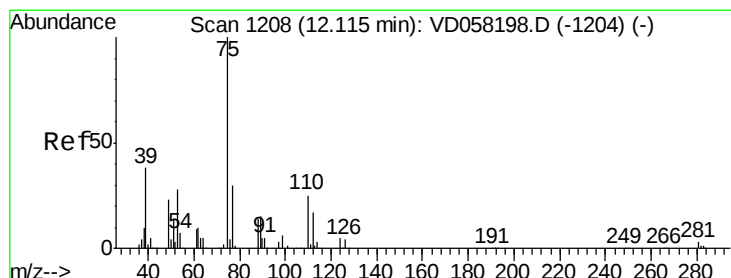
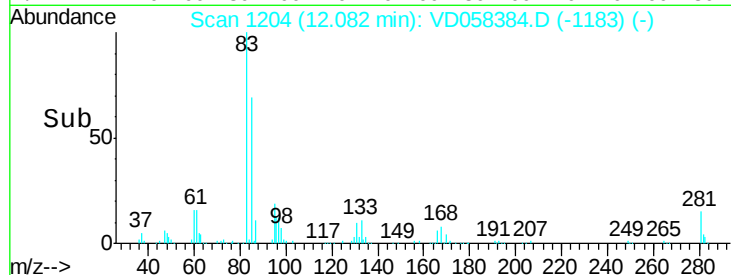
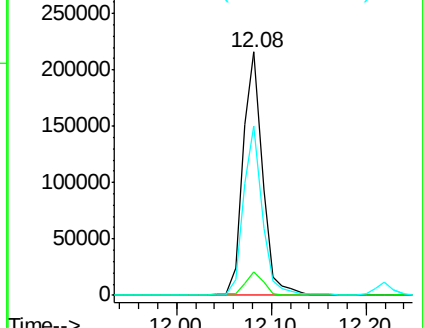
85 69.5 33.1 99.5



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: 49.93 ug/l

RT: 12.11 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VD058384.D

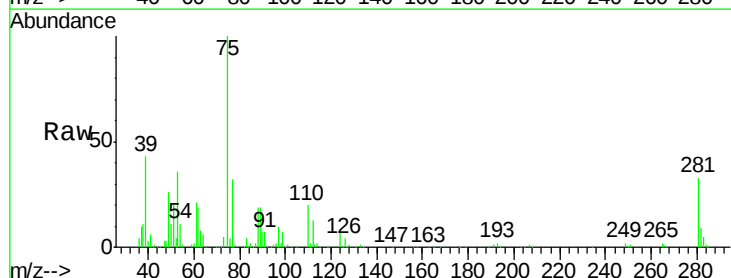
Acq: 24 Jun 2018 21:04

Tgt Ion: 75 Resp: 330538

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.7  | 16.0  | 47.9  |

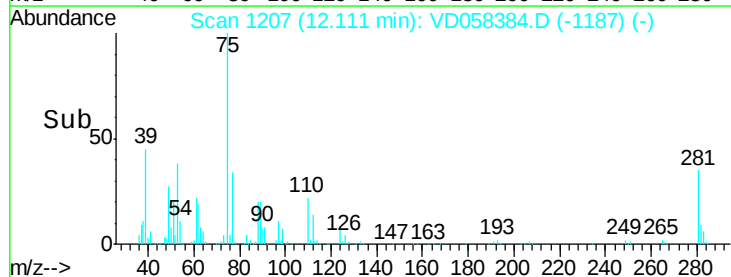
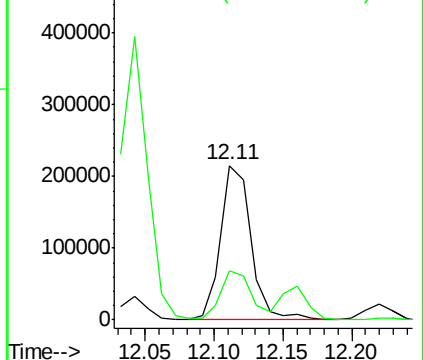
75 100

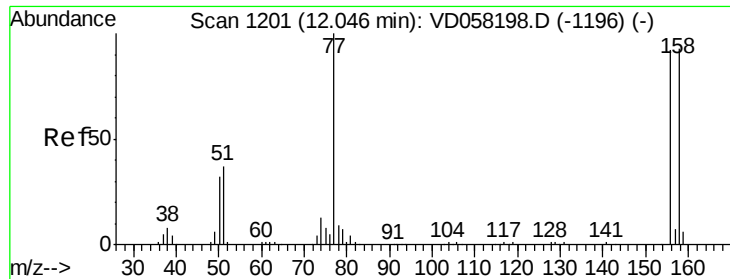
77 31.7 16.0 47.9



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 51.90 ug/l

RT: 12.04 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

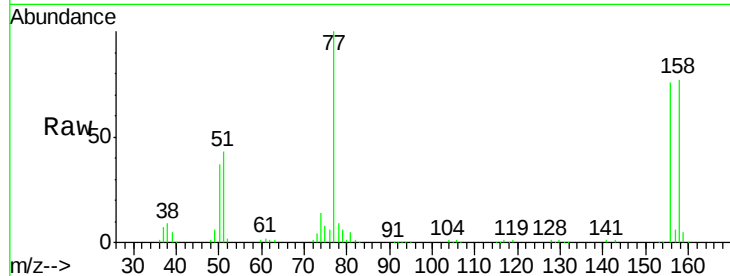
Tot Ion:156 Resp: 421482

Ion Ratio Lower Upper

156 100

77 131.8 54.5 163.6

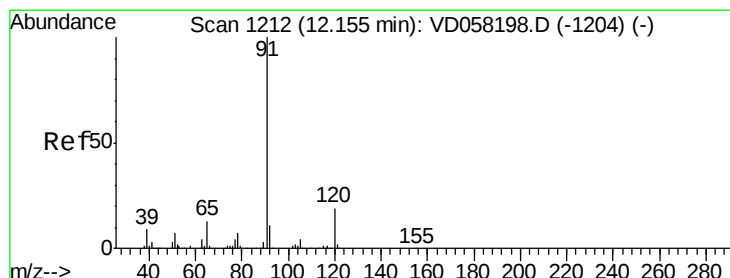
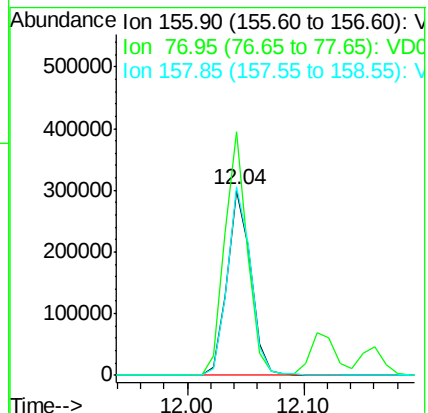
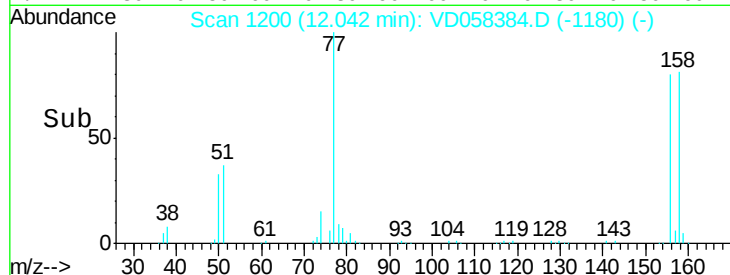
158 102.0 50.8 152.5



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 45.36 ug/l

RT: 12.16 min Scan# 1212

Delta R.T. 0.01 min

Lab File: VD058384.D

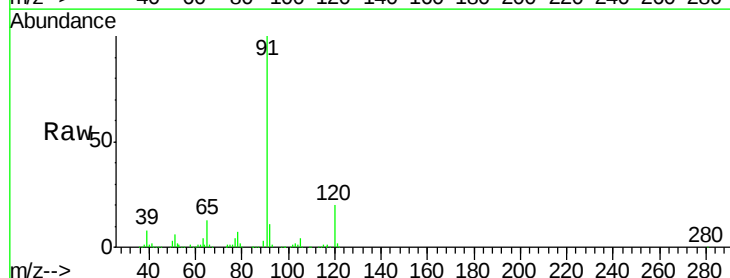
Acq: 24 Jun 2018 21:04

Tgt Ion: 91 Resp: 1588778

Ion Ratio Lower Upper

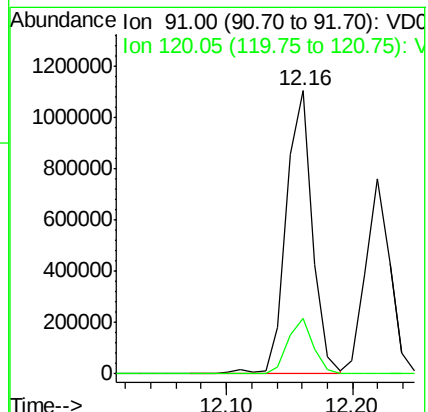
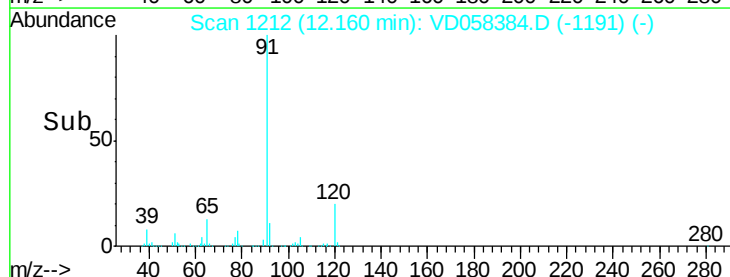
91 100

120 19.6 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

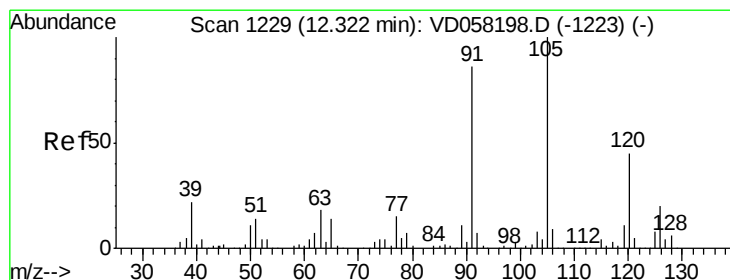
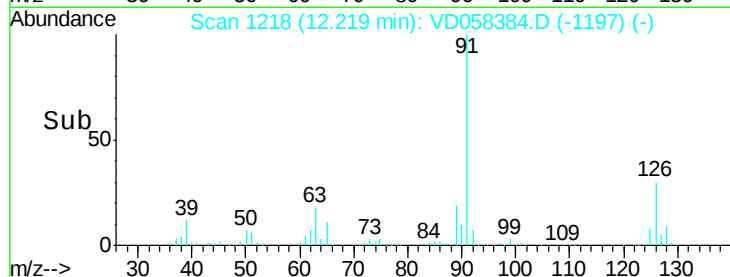
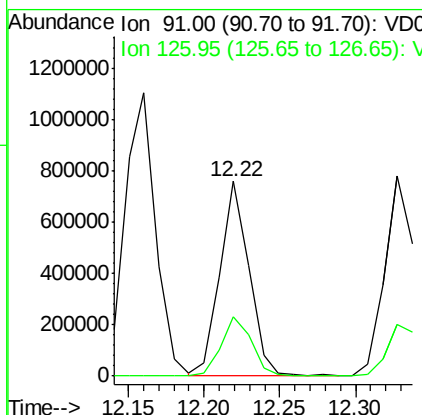
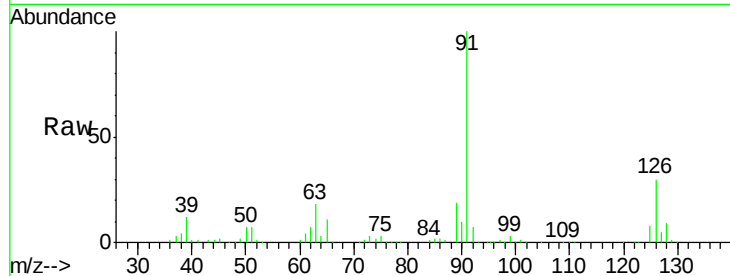




#79  
 2-Chlorotoluene  
 Concen: 50.57 ug/l  
 RT: 12.22 min Scan# 1218  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

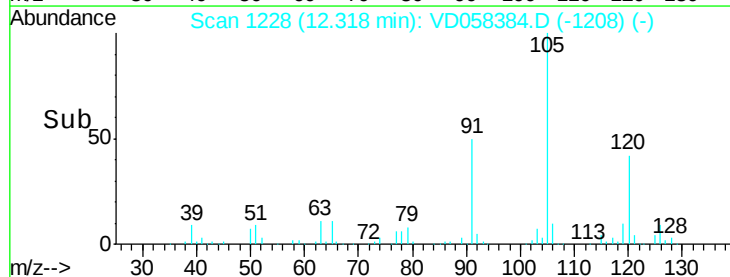
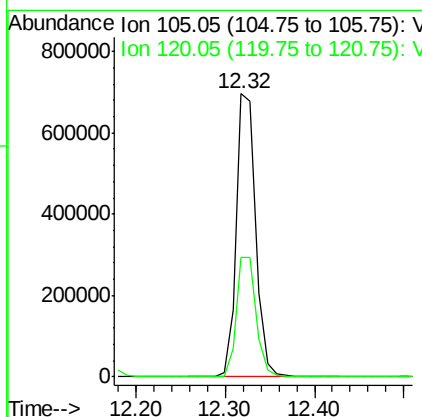
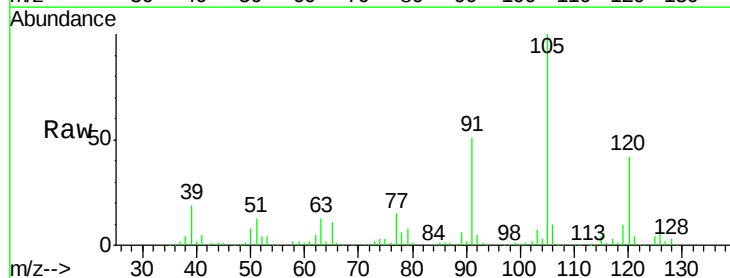
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

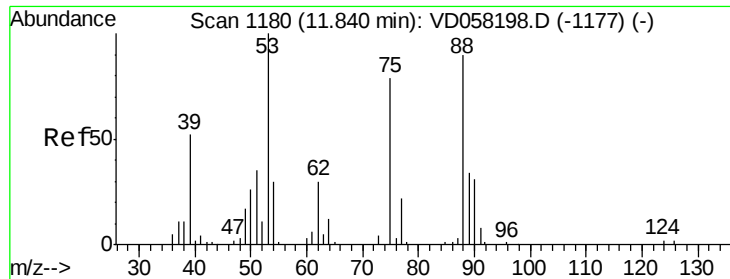
Tot Ion: 91 Resp: 1013496  
 Ion Ratio Lower Upper  
 91 100  
 126 30.3 14.9 44.5



#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.14 ug/l  
 RT: 12.32 min Scan# 1228  
 Delta R.T. -0.00 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Tgt Ion: 105 Resp: 1060719  
 Ion Ratio Lower Upper  
 105 100  
 120 42.3 22.5 67.5





#81

trans-1,4-Dichloro-2-butene

Concen: 49.44 ug/l

RT: 11.85 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

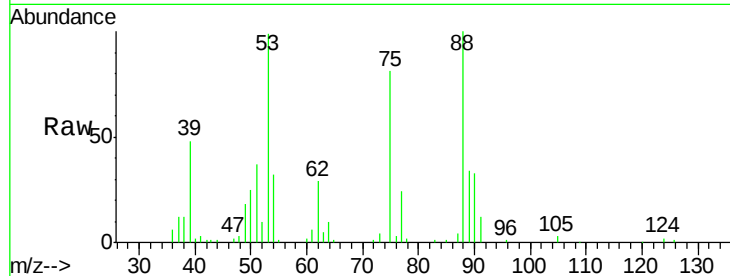
Tot Ion: 75 Resp: 79828

Ion Ratio Lower Upper

75 100

53 122.9 100.8 151.2

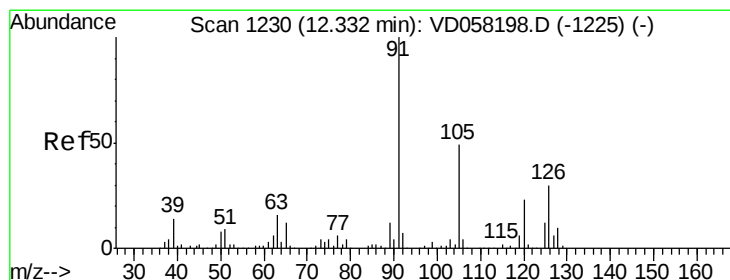
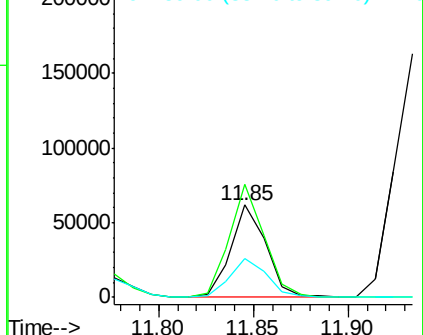
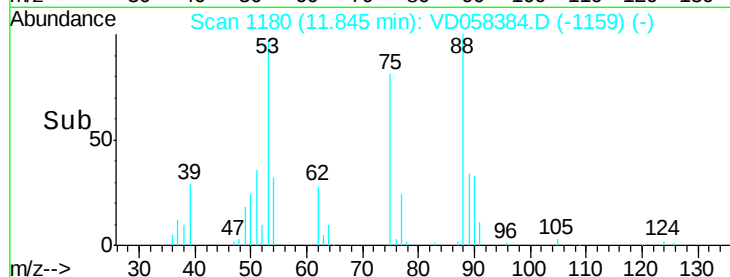
89 42.3 34.6 52.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 56.01 ug/l

RT: 12.33 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VD058384.D

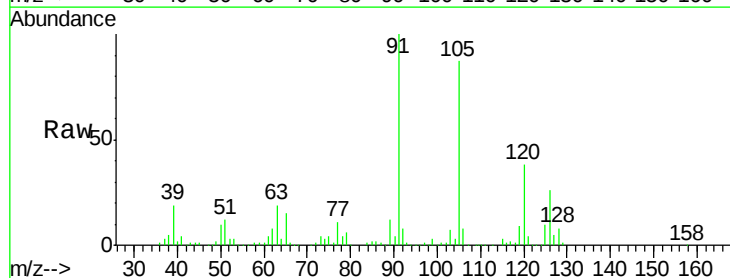
Acq: 24 Jun 2018 21:04

Tgt Ion: 91 Resp: 1081282

Ion Ratio Lower Upper

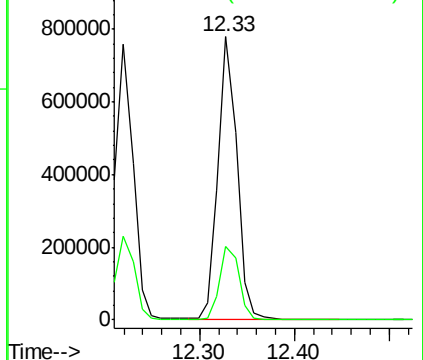
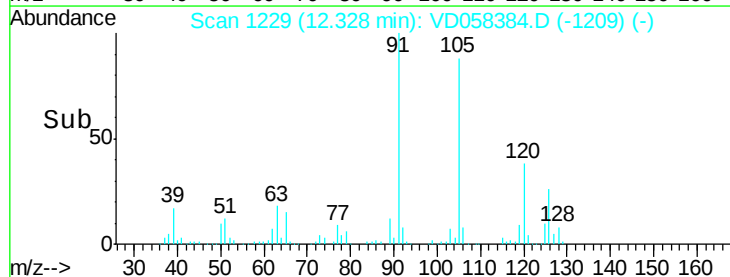
91 100

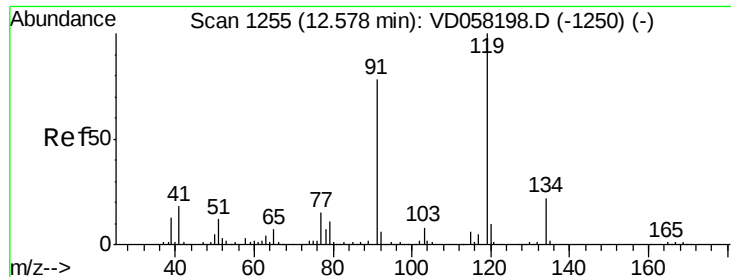
126 25.9 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

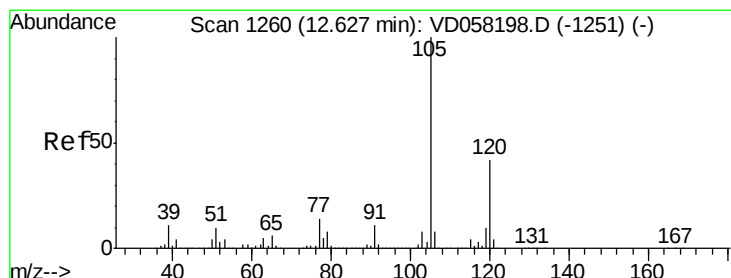
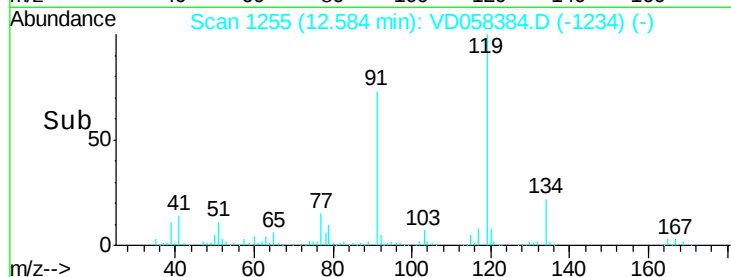
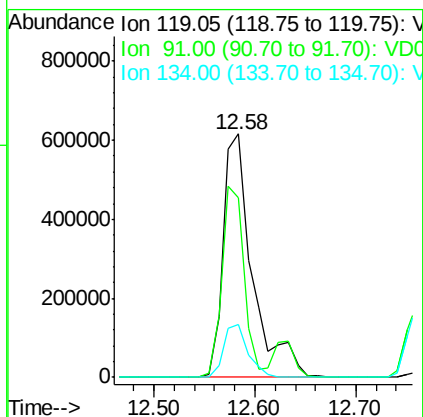
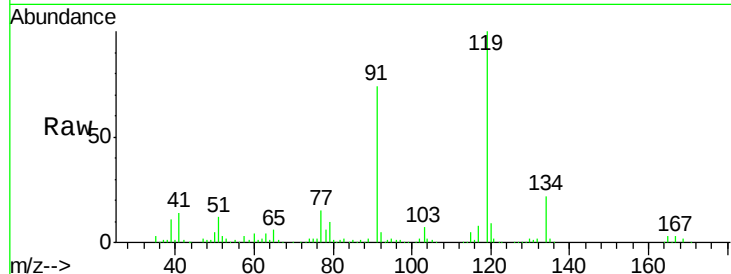




#83  
tert-Butylbenzene  
Concen: 51.06 ug/l  
RT: 12.58 min Scan# 1255  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

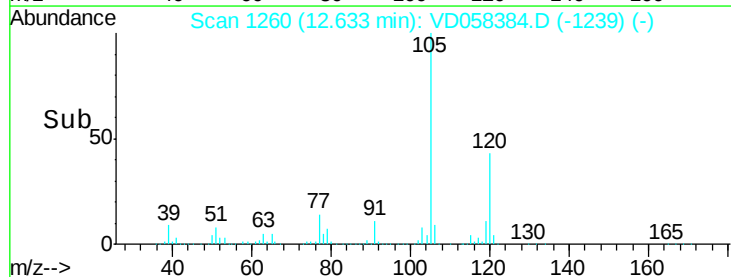
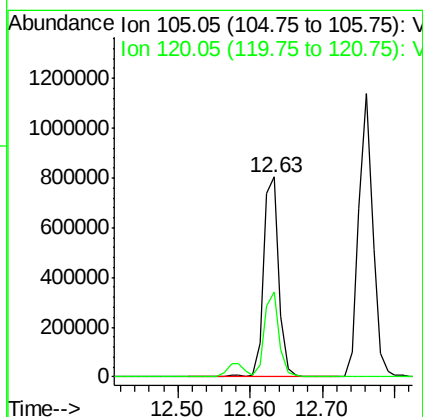
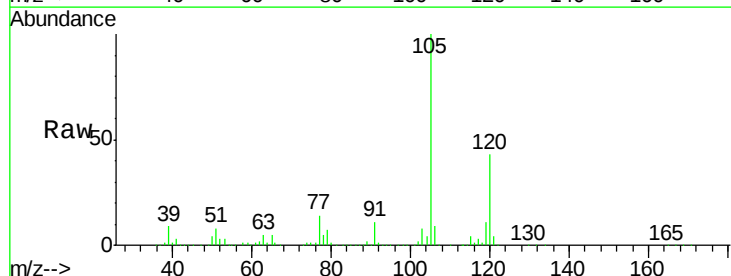
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

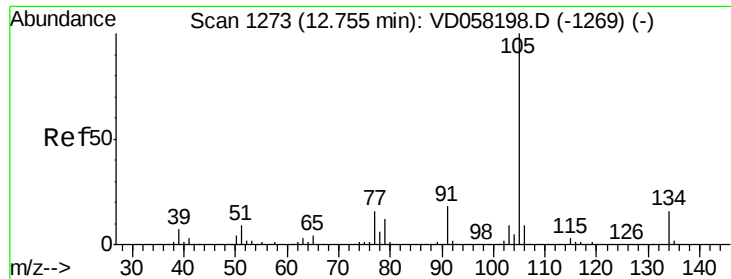
Tot Ion:119 Resp: 1241845  
Ion Ratio Lower Upper  
119 100  
91 73.6 38.9 116.6  
134 21.6 11.2 33.5



#84  
1,2,4-Trimethylbenzene  
Concen: 51.16 ug/l  
RT: 12.63 min Scan# 1260  
Delta R.T. 0.01 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion:105 Resp: 1176515  
Ion Ratio Lower Upper  
105 100  
120 42.7 20.8 62.4

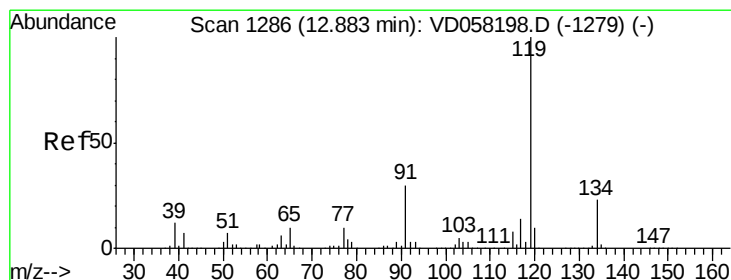
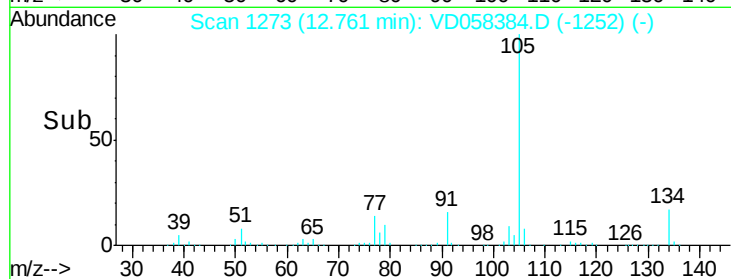
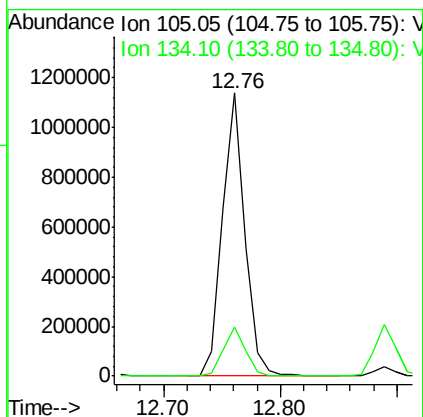
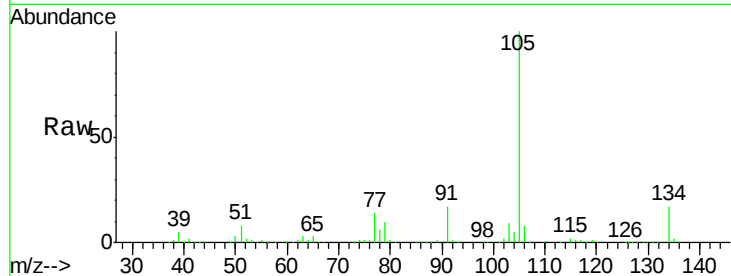




#85  
 sec-Butylbenzene  
 Concen: 52.79 ug/l  
 RT: 12.76 min Scan# 1273  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

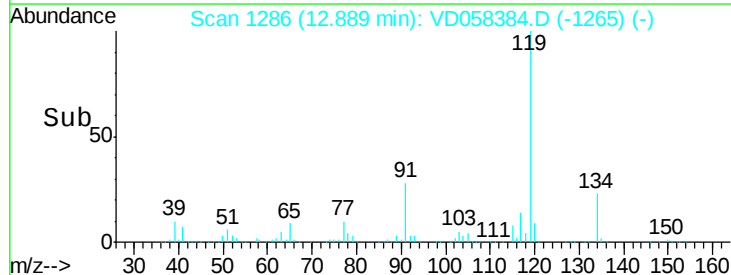
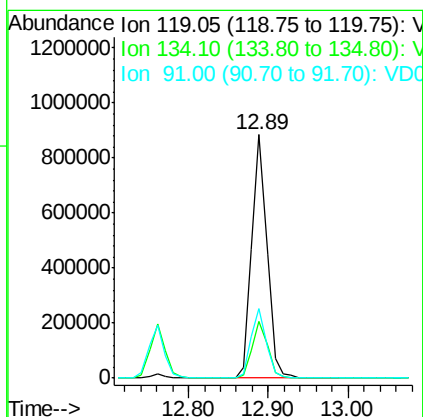
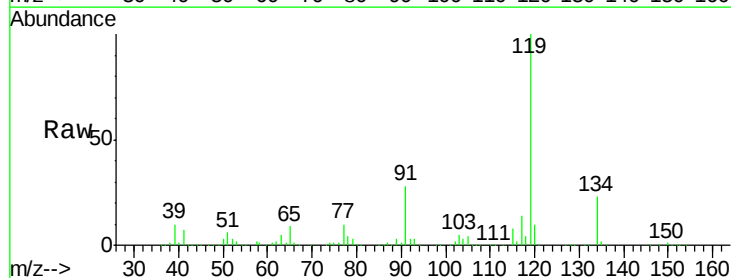
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

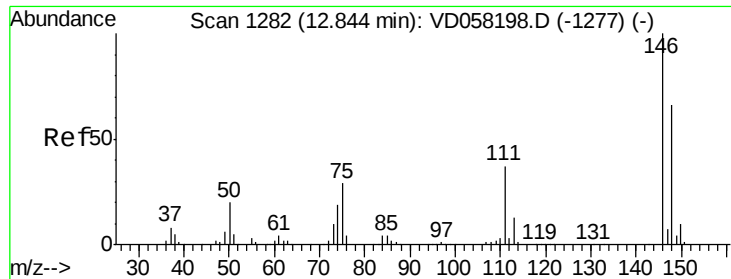
Tot Ion:105 Resp: 1504935  
 Ion Ratio Lower Upper  
 105 100  
 134 17.3 8.1 24.3



#86  
 p-Isopropyltoluene  
 Concen: 49.64 ug/l  
 RT: 12.89 min Scan# 1286  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Tgt Ion:119 Resp: 1146850  
 Ion Ratio Lower Upper  
 119 100  
 134 23.3 11.6 34.8  
 91 28.4 15.0 45.1

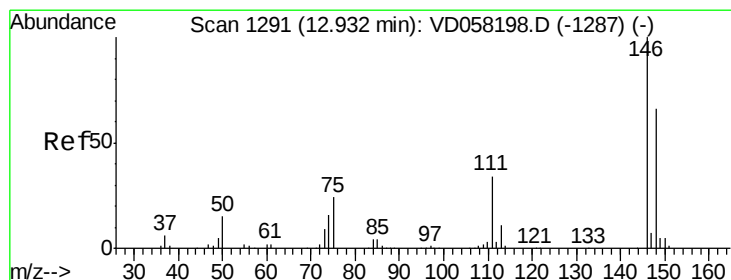
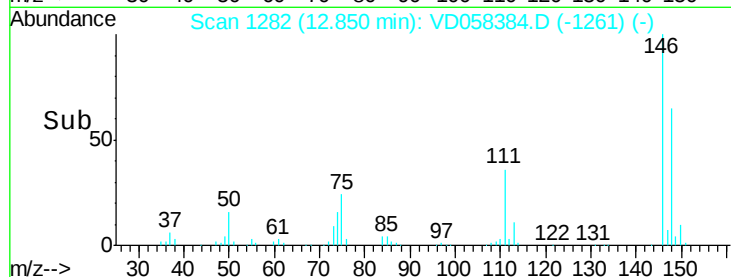
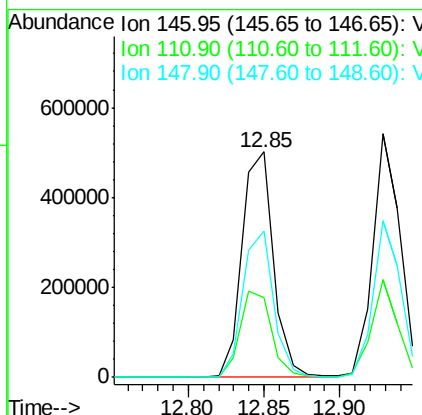
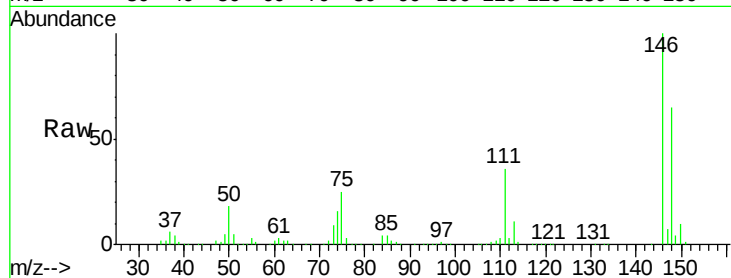




#87  
 1,3-Dichlorobenzene  
 Concen: 51.39 ug/l  
 RT: 12.85 min Scan# 1282  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

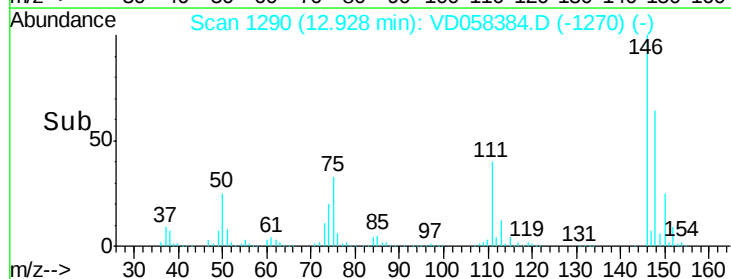
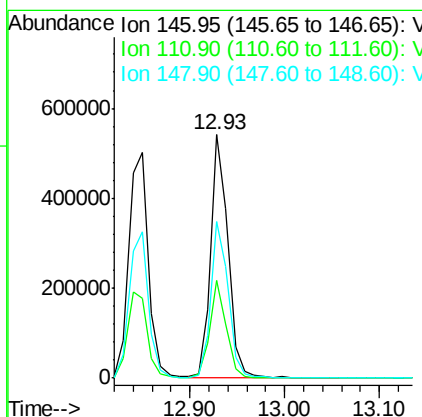
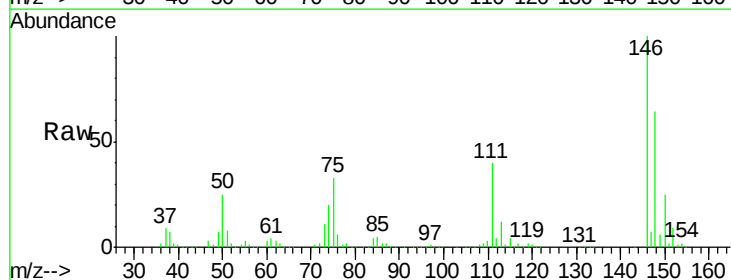
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

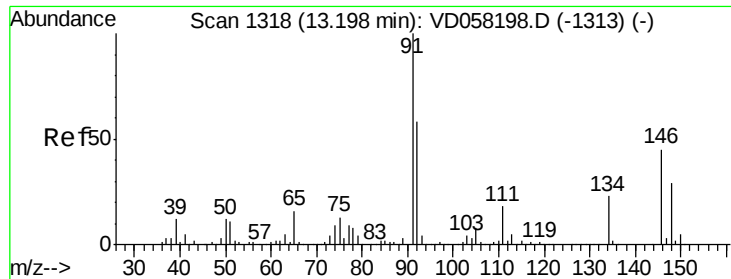
Tot Ion:146 Resp: 725398  
 Ion Ratio Lower Upper  
 146 100  
 111 35.5 18.4 55.0  
 148 64.7 32.8 98.4



#88  
 1,4-Dichlorobenzene  
 Concen: 50.71 ug/l  
 RT: 12.93 min Scan# 1290  
 Delta R.T. -0.00 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Tgt Ion:146 Resp: 699034  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 17.2 51.5  
 148 64.1 33.1 99.3

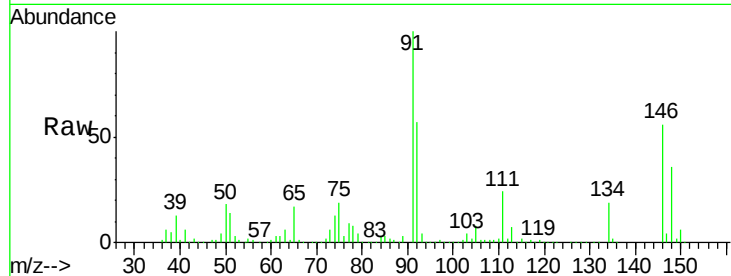




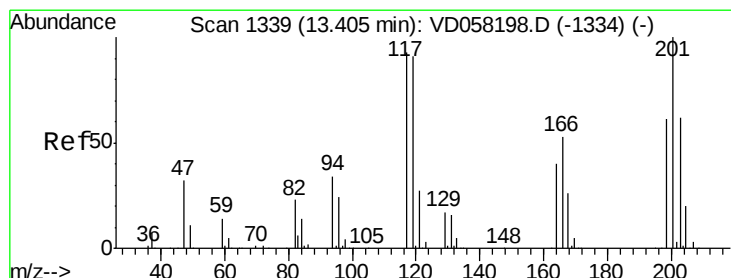
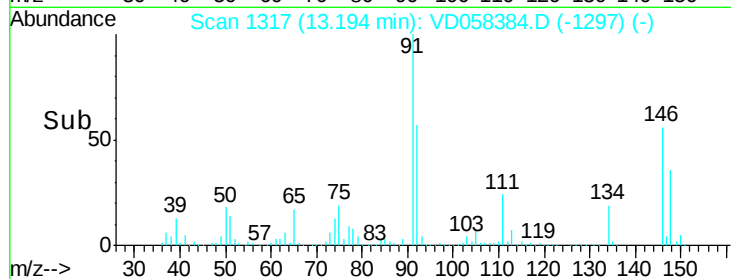
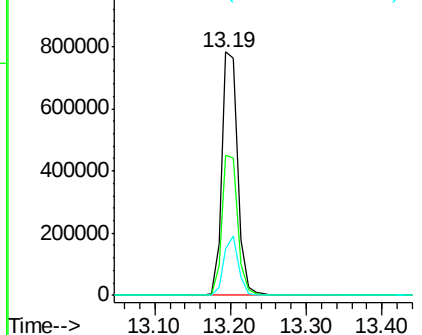
#89  
n-Butylbenzene  
Concen: 47.29 ug/l  
RT: 13.19 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 1148239  
Ion Ratio Lower Upper  
91 100  
92 57.4 29.2 87.6  
134 19.3 11.3 33.8

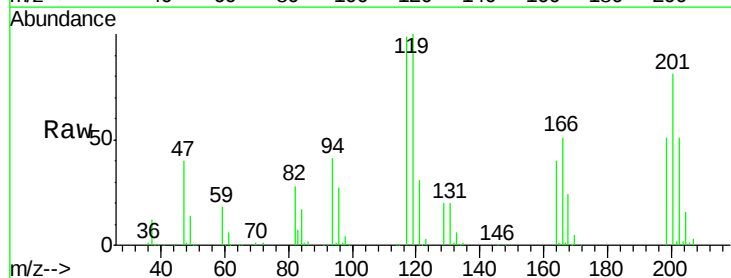


Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 92.00 (91.70 to 92.70): VDC  
Ion 134.10 (133.80 to 134.80): V

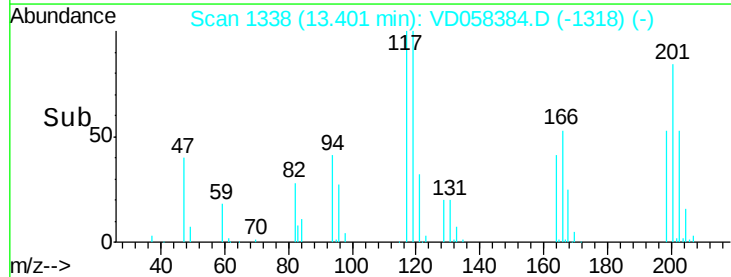
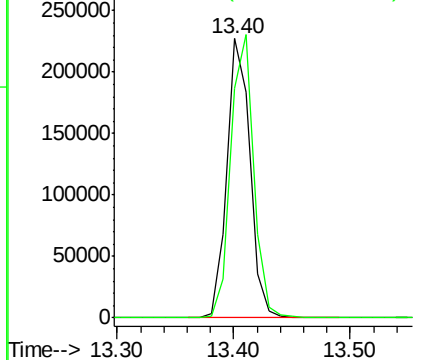


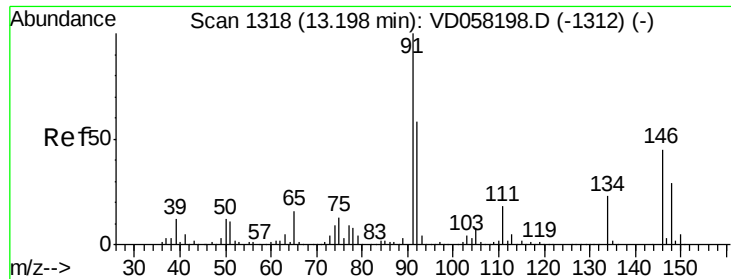
#90  
Hexachloroethane  
Concen: 52.01 ug/l  
RT: 13.40 min Scan# 1338  
Delta R.T. -0.00 min  
Lab File: VD058384.D  
Acq: 24 Jun 2018 21:04

Tgt Ion: 117 Resp: 311837  
Ion Ratio Lower Upper  
117 100  
201 82.2 53.8 161.4



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

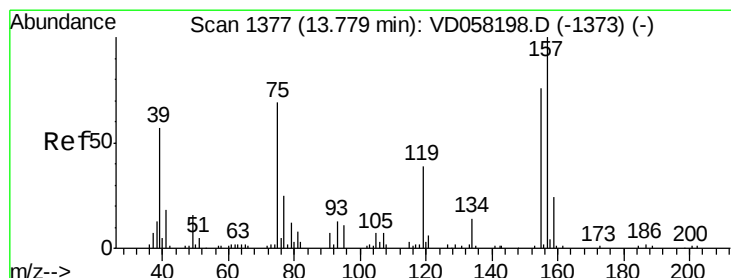
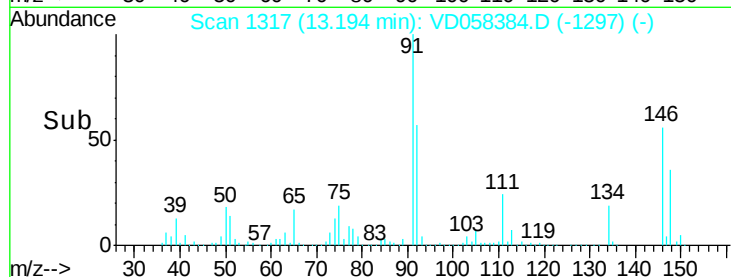
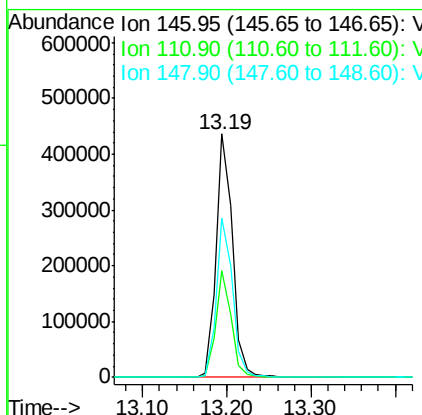
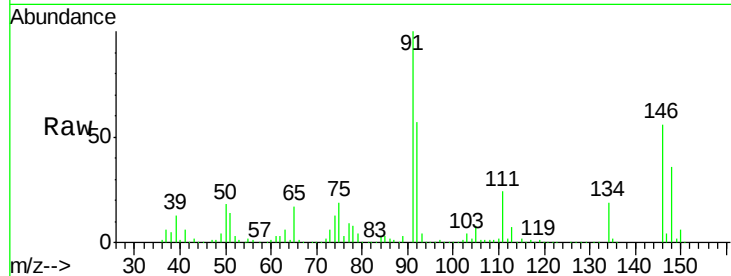




#91  
 1,2-Dichlorobenzene  
 Concen: 49.03 ug/l  
 RT: 13.19 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

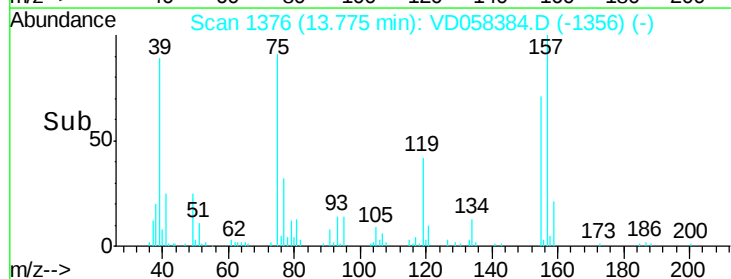
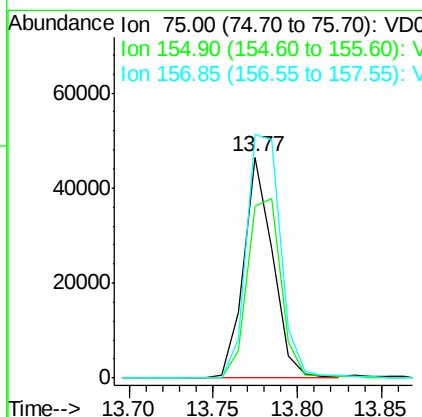
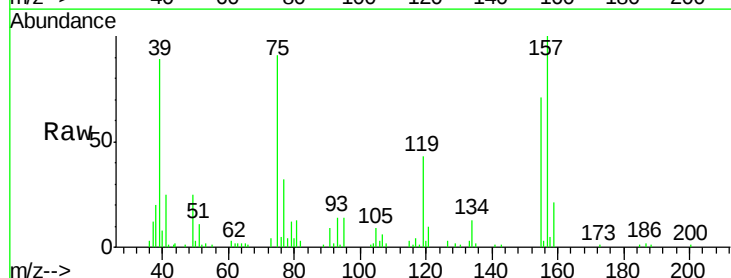
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:146 Resp: 588955  
 Ion Ratio Lower Upper  
 146 100  
 111 43.9 19.6 58.7  
 148 65.2 32.0 96.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 55.71 ug/l  
 RT: 13.77 min Scan# 1376  
 Delta R.T. -0.00 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Tgt Ion: 75 Resp: 55961  
 Ion Ratio Lower Upper  
 75 100  
 155 77.8 54.5 163.5  
 157 110.2 72.0 215.9

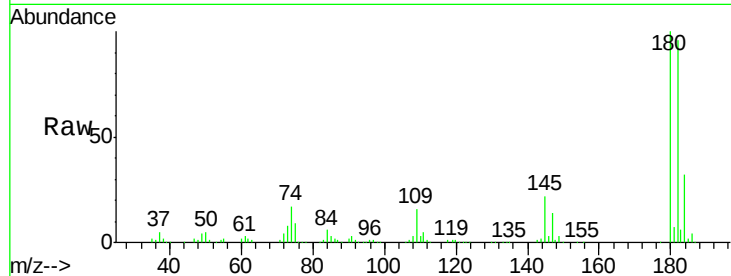




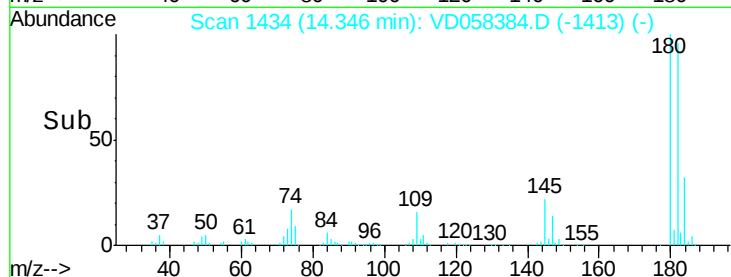
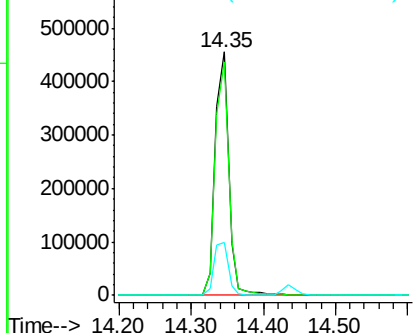
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.29 ug/l  
 RT: 14.35 min Scan# 1434  
 Delta R.T. 0.01 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:180 Resp: 589299  
 Ion Ratio Lower Upper  
 180 100  
 182 95.7 47.1 141.3  
 145 21.6 11.7 35.0

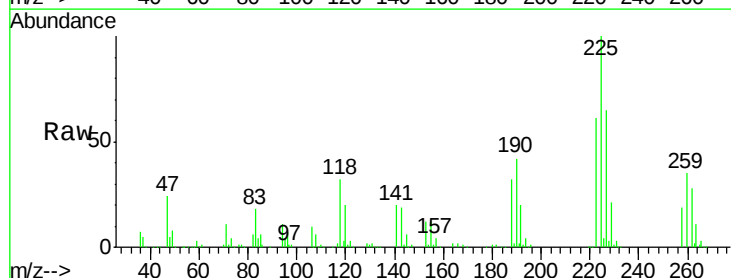


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

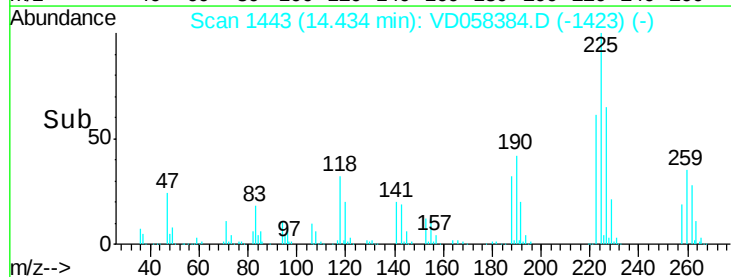
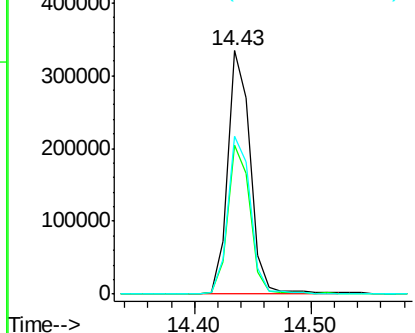


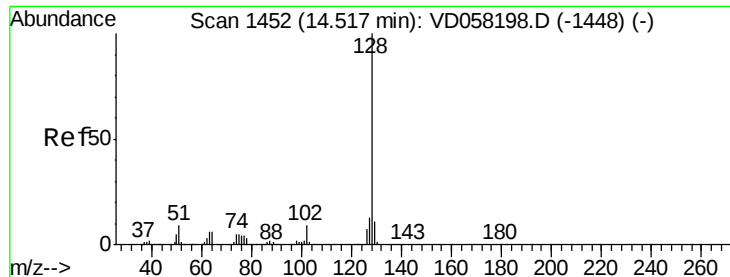
#94  
 Hexachlorobutadiene  
 Concen: 49.91 ug/l  
 RT: 14.43 min Scan# 1443  
 Delta R.T. -0.00 min  
 Lab File: VD058384.D  
 Acq: 24 Jun 2018 21:04

Tgt Ion:225 Resp: 448507  
 Ion Ratio Lower Upper  
 225 100  
 223 61.2 30.1 90.3  
 227 64.6 33.0 98.9



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: 54.35 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. 0.01 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

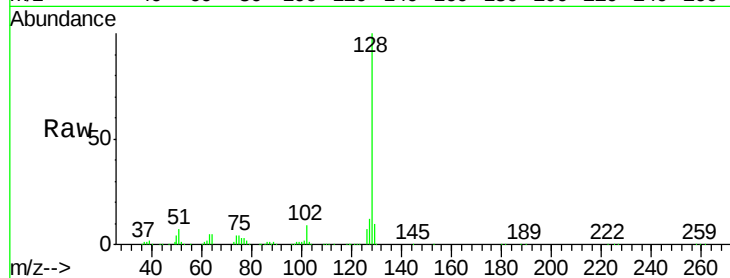
Tot Ion:128 Resp: 822464

Ion Ratio Lower Upper

128 100

127 12.3 10.0 15.0

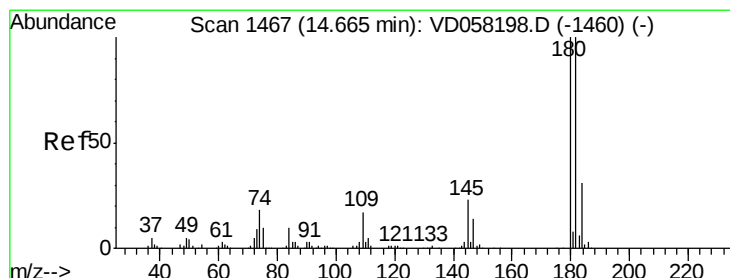
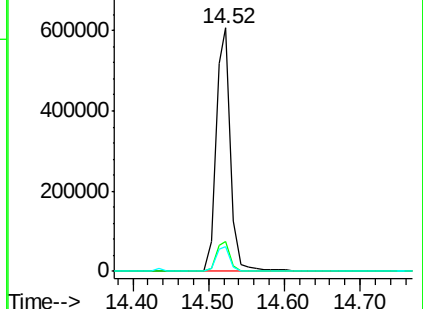
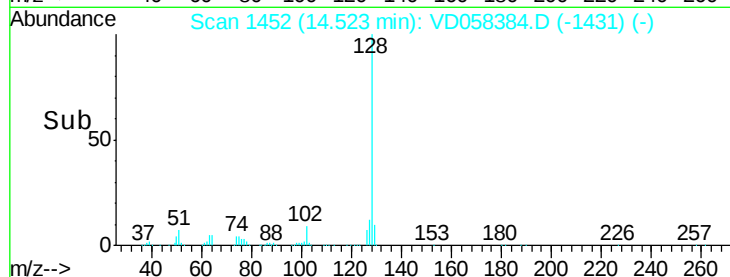
129 10.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.30 ug/l

RT: 14.66 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VD058384.D

Acq: 24 Jun 2018 21:04

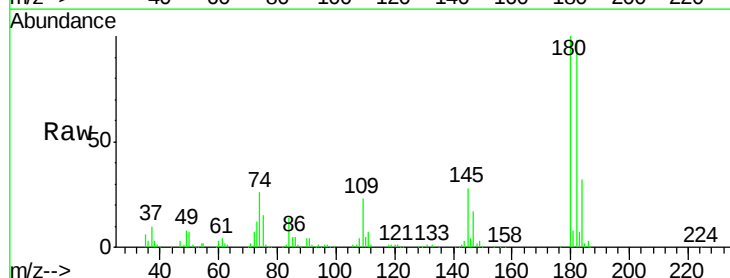
Tgt Ion:180 Resp: 505940

Ion Ratio Lower Upper

180 100

182 98.0 49.9 149.6

145 28.1 11.7 35.1



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

