

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\  
 Data File : VD059438.D  
 Acq On : 27 Jun 2018 11:46  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 27 15:04:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D062518S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 07:29:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 1001024  | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 6.69  | 114  | 1293640  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.69 | 117  | 1012315  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.90 | 152  | 533577   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.02  | 65   | 429713   | 41.98 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 83.96% |          |
| 35) Dibromofluoromethane    | 5.55  | 113  | 471429   | 44.74 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.48% |          |
| 50) Toluene-d8              | 8.70  | 98   | 1057613  | 42.93 | ug/l   | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 85.86% |          |
| 62) 4-Bromofluorobenzene    | 11.93 | 95   | 474122   | 46.27 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.54% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.36 | 85   | 412684   | 46.34  | ug/l  | 97     |
| 3) Chloromethane              | 1.49 | 50   | 198949   | 42.93  | ug/l  | 91     |
| 4) Vinyl Chloride             | 1.56 | 62   | 210764   | 43.84  | ug/l  | 98     |
| 5) Bromomethane               | 1.81 | 94   | 89569    | 54.60  | ug/l  | 99     |
| 6) Chloroethane               | 1.90 | 64   | 106919   | 52.75  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 2.10 | 101  | 369632   | 53.32  | ug/l  | 98     |
| 8) Diethyl Ether              | 2.35 | 74   | 71415    | 45.53  | ug/l  | 91     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.57 | 101  | 229749   | 53.33  | ug/l  | 98     |
| 10) Methyl Iodide             | 2.71 | 142  | 238942   | 47.48  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 3.27 | 59   | 85196    | 240.57 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.56 | 96   | 169606   | 51.42  | ug/l  | 96     |
| 13) Acrolein                  | 2.48 | 56   | 59053    | 186.52 | ug/l  | 92     |
| 14) Allyl chloride            | 2.93 | 41   | 368777   | 48.85  | ug/l  | 98     |
| 15) Acrylonitrile             | 3.37 | 53   | 294170   | 270.65 | ug/l  | 97     |
| 16) Acetone                   | 2.62 | 43   | 380347   | 294.39 | ug/l  | 98     |
| 17) Carbon Disulfide          | 2.76 | 76   | 473666   | 46.89  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.94 | 43   | 123640   | 44.91  | ug/l  | 97     |
| 19) Methyl tert-butyl Ether   | 3.41 | 73   | 761907   | 46.93  | ug/l  | 99     |
| 20) Methylene Chloride        | 3.08 | 84   | 183592   | 51.30  | ug/l  | 95     |
| 21) trans-1,2-Dichloroethene  | 3.39 | 96   | 340074   | 58.31  | ug/l  | 95     |
| 22) Diisopropyl ether         | 4.07 | 45   | 1306587  | 46.00  | ug/l  | 95     |
| 23) Vinyl Acetate             | 4.02 | 43   | 3507769  | 237.01 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.98 | 63   | 773509   | 47.59  | ug/l  | 97     |
| 25) 2-Butanone                | 4.84 | 43   | 605103   | 223.58 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.80 | 77   | 706475   | 56.05  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 4.80 | 96   | 433666   | 44.25  | ug/l  | 97     |
| 28) Bromochloromethane        | 5.15 | 49   | 334565   | 47.48  | ug/l  | 95     |
| 29) Tetrahydrofuran           | 5.19 | 42   | 276711   | 186.92 | ug/l  | 92     |
| 30) Chloroform                | 5.32 | 83   | 858521   | 48.46  | ug/l  | 93     |
| 31) Cyclohexane               | 5.59 | 56   | 516918   | 48.04  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.51 | 97   | 706550   | 49.25  | ug/l  | 97     |
| 36) 1,1-Dichloropropene       | 5.75 | 75   | 557552   | 47.51  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.93 | 43   | 304252   | 42.57  | ug/l  | 96     |
| 38) Carbon Tetrachloride      | 5.73 | 117  | 600036   | 49.59  | ug/l  | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\  
 Data File : VD059438.D  
 Acq On : 27 Jun 2018 11:46  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 27 15:04:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D062518S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 07:29:35 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.28  | 83   | 528451   | 47.48  | ug/l   | 96       |
| 40) Benzene                    | 6.01  | 78   | 1283896  | 45.59  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.13  | 41   | 144075   | 41.86  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 6.13  | 62   | 557240   | 44.78  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 7.61  | 43   | 377623   | 42.08  | ug/l # | 97       |
| 44) Trichloroethene            | 6.98  | 130  | 424045   | 45.99  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.34  | 63   | 363893   | 46.65  | ug/l   | 95       |
| 46) Dibromomethane             | 7.46  | 93   | 254052   | 45.29  | ug/l   | 92       |
| 47) Bromodichloromethane       | 7.74  | 83   | 620207   | 49.41  | ug/l   | 96       |
| 48) Methyl methacrylate        | 7.50  | 41   | 235712   | 43.11  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.48  | 88   | 46024    | 839.28 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.59  | 43   | 1255524  | 209.93 | ug/l   | 100      |
| 52) Toluene                    | 8.80  | 92   | 731323   | 43.48  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene      | 9.18  | 75   | 517485   | 49.34  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.36  | 75   | 599347   | 49.35  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.45  | 97   | 274497   | 44.95  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 9.31  | 69   | 308091   | 44.22  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.67  | 76   | 457912   | 45.85  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 8.19  | 63   | 786489   | 219.26 | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.78  | 43   | 997447   | 234.66 | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.95  | 129  | 405721   | 47.45  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 10.09 | 107  | 305728   | 44.96  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.51  | 164  | 402942   | 45.37  | ug/l   | 95       |
| 65) Chlorobenzene              | 10.72 | 112  | 901911   | 48.72  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.85 | 131  | 352213   | 49.57  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.86 | 91   | 1552940  | 49.72  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.01 | 106  | 959686   | 92.61  | ug/l   | 95       |
| 69) o-Xylene                   | 11.40 | 106  | 504559   | 49.25  | ug/l   | 94       |
| 70) Styrene                    | 11.43 | 104  | 855659   | 48.72  | ug/l   | 96       |
| 71) Bromoform                  | 11.60 | 173  | 289505   | 49.18  | ug/l   | 95       |
| 73) Isopropylbenzene           | 11.77 | 105  | 1451455  | 48.20  | ug/l   | 97       |
| 74) N-amyl acetate             | 11.64 | 43   | 500022   | 43.65  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.07 | 83   | 328939   | 46.56  | ug/l   | 91       |
| 76) 1,2,3-Trichloropropane     | 12.11 | 75   | 348444   | 47.34  | ug/l   | 100      |
| 77) Bromobenzene               | 12.04 | 156  | 465243   | 49.09  | ug/l   | 90       |
| 78) n-propylbenzene            | 12.15 | 91   | 1853801  | 48.61  | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 12.22 | 91   | 1113324  | 49.71  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.31 | 105  | 1134017  | 47.31  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.84 | 75   | 90096    | 53.86  | ug/l   | 84       |
| 82) 4-Chlorotoluene            | 12.32 | 91   | 1189786  | 46.85  | ug/l   | 95       |
| 83) tert-Butylbenzene          | 12.57 | 119  | 1280587  | 50.22  | ug/l   | 88       |
| 84) 1,2,4-Trimethylbenzene     | 12.62 | 105  | 1171412  | 46.18  | ug/l   | 94       |
| 85) sec-Butylbenzene           | 12.76 | 105  | 1571709  | 50.23  | ug/l   | 95       |
| 86) p-Isopropyltoluene         | 12.88 | 119  | 1254551  | 49.75  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.84 | 146  | 748184   | 47.99  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.92 | 146  | 740960   | 48.16  | ug/l   | 95       |
| 89) n-Butylbenzene             | 13.19 | 91   | 1258842  | 50.57  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.40 | 117  | 354974   | 56.42  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene        | 13.19 | 146  | 594991   | 45.01  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.77 | 75   | 53092    | 45.58  | ug/l   | 72       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\  
Data File : VD059438.D  
Acq On : 27 Jun 2018 11:46  
Operator : VA/AP  
Sample : VSTDCCC050  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

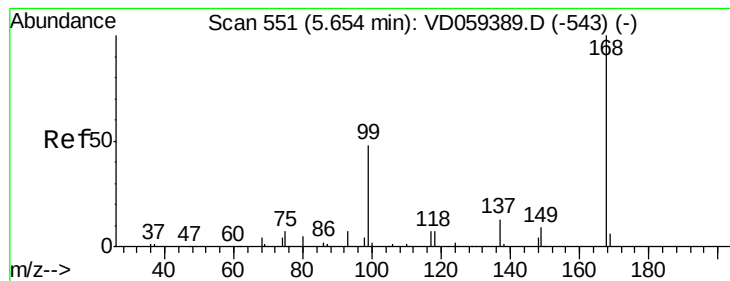
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Quant Time: Jun 27 15:04:27 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D062518S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 25 07:29:35 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.33 | 180  | 605886   | 49.58 | ug/l  | 94       |
| 94) Hexachlorobutadiene    | 14.43 | 225  | 479993   | 52.19 | ug/l  | 99       |
| 95) Naphthalene            | 14.51 | 128  | 771799   | 45.31 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 520117   | 47.33 | ug/l  | 99       |

(#) = 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: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

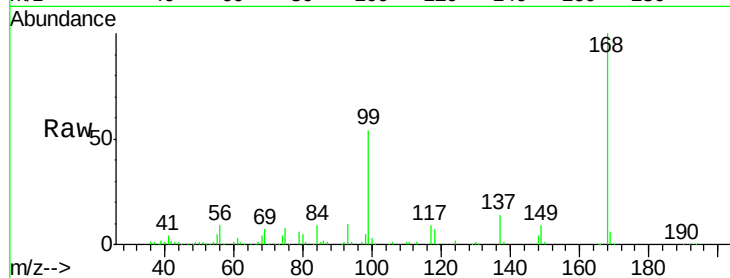
VSTDCCC050

Tot Ion:168 Resp: 1001024

Ion Ratio Lower Upper

168 100

99 53.5 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

300000

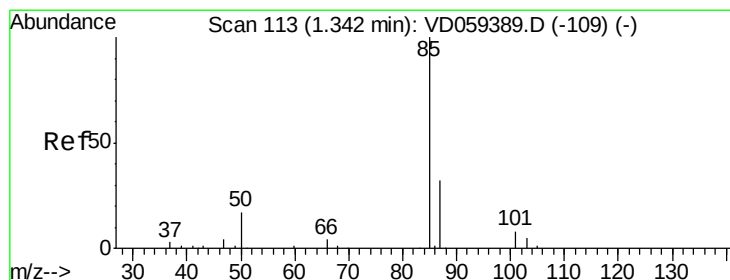
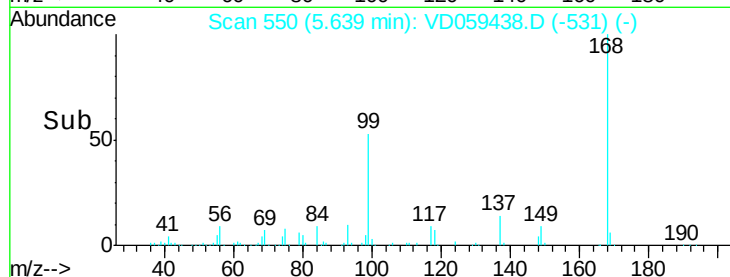
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.34 ug/l

RT: 1.36 min Scan# 115

Delta R.T. 0.02 min

Lab File: VD059438.D

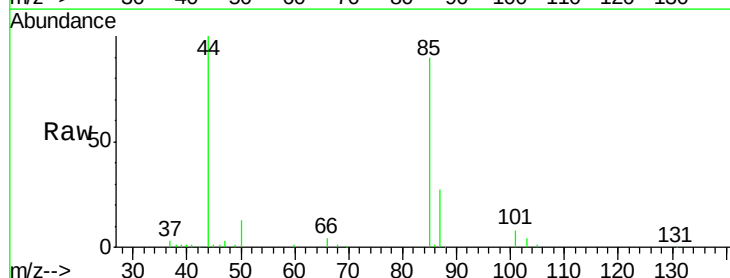
Acq: 27 Jun 2018 11:46

Tgt Ion: 85 Resp: 412684

Ion Ratio Lower Upper

85 100

87 30.6 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.36

150000

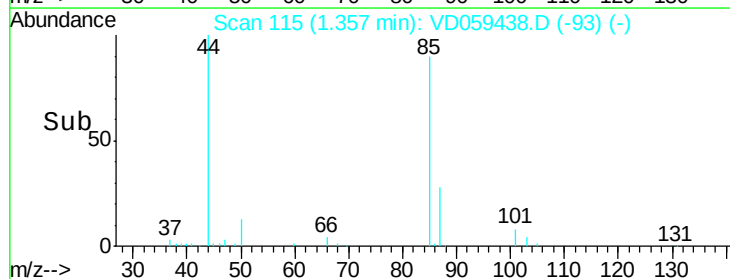
100000

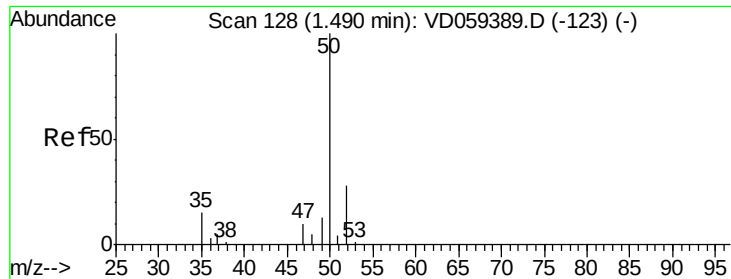
50000

0

Time-->

1.30 1.40 1.50





#3

Chloromethane

Concen: 42.93 ug/l

RT: 1.49 min Scan# 129

Delta R.T. 0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

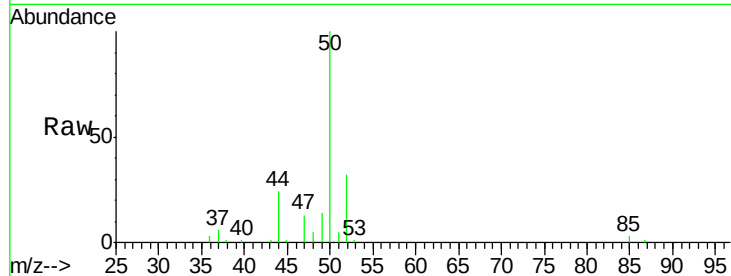
VSTDCCC050

Tot Ion: 50 Resp: 198949

Ion Ratio Lower Upper

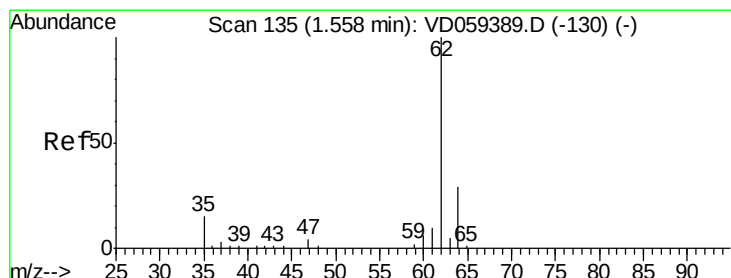
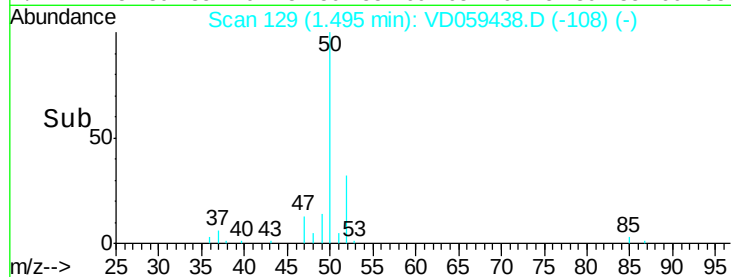
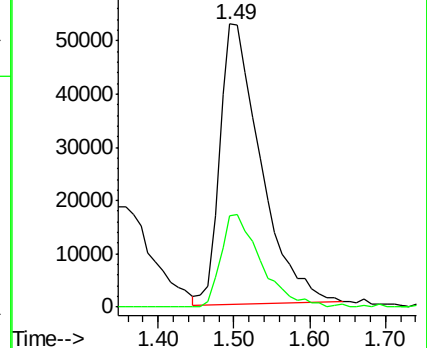
50 100

52 32.2 21.8 32.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.84 ug/l

RT: 1.56 min Scan# 136

Delta R.T. 0.01 min

Lab File: VD059438.D

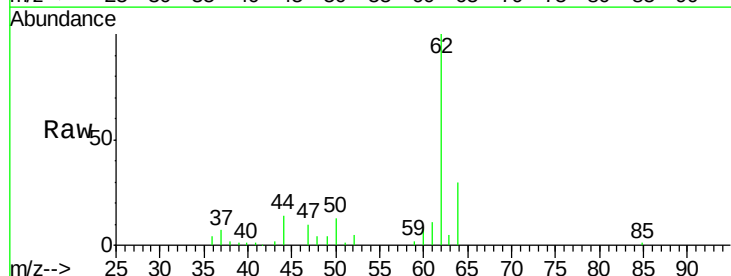
Acq: 27 Jun 2018 11:46

Tgt Ion: 62 Resp: 210764

Ion Ratio Lower Upper

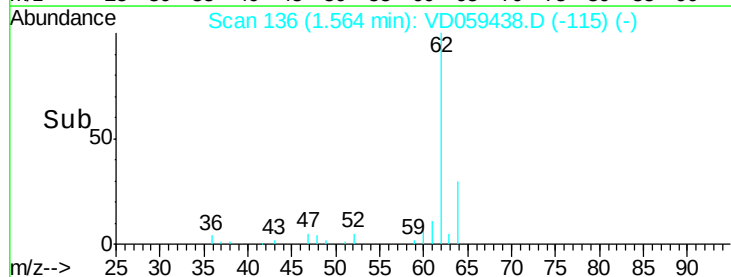
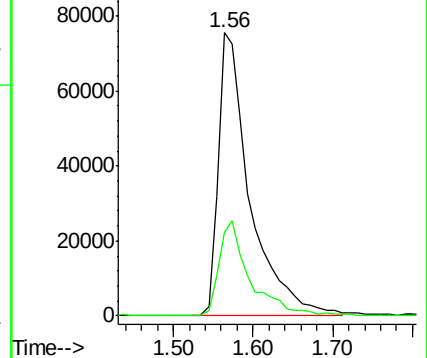
62 100

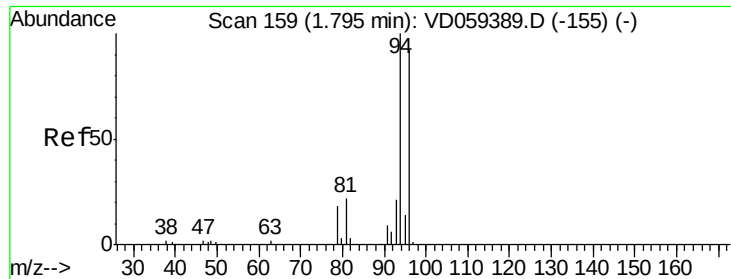
64 29.7 23.0 34.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 54.60 ug/l

RT: 1.81 min Scan# 161

Delta R.T. 0.02 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

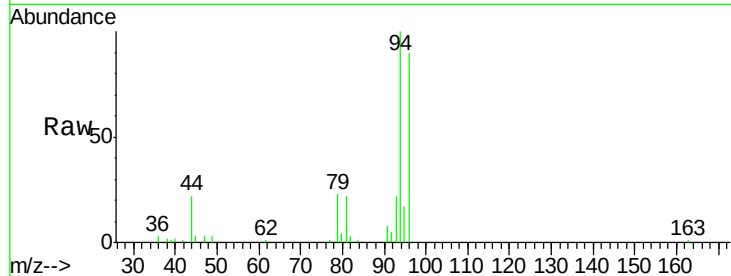
VSTDCCC050

Tot Ion: 94 Resp: 89569

Ion Ratio Lower Upper

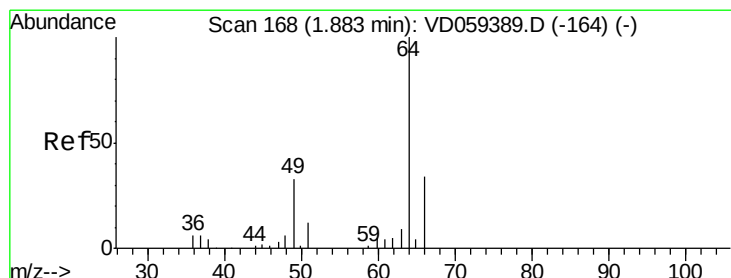
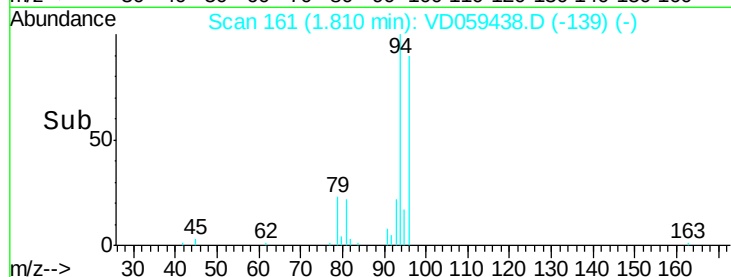
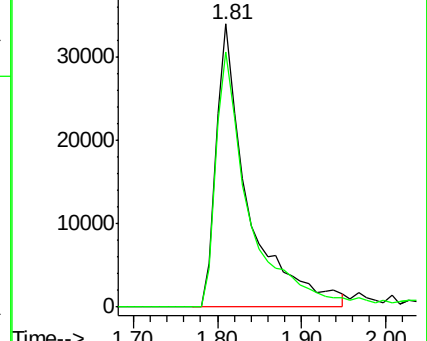
94 100

96 90.3 73.4 110.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.75 ug/l

RT: 1.90 min Scan# 170

Delta R.T. 0.02 min

Lab File: VD059438.D

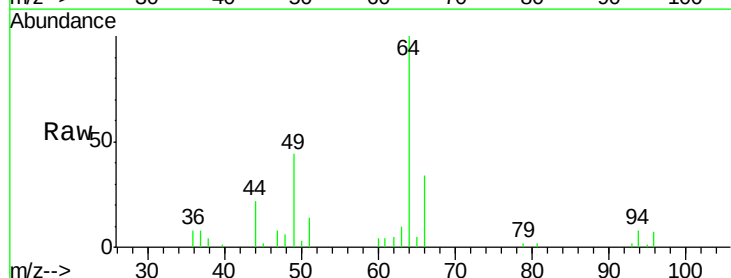
Acq: 27 Jun 2018 11:46

Tgt Ion: 64 Resp: 106919

Ion Ratio Lower Upper

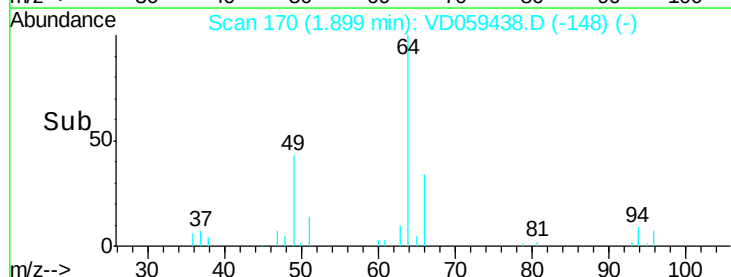
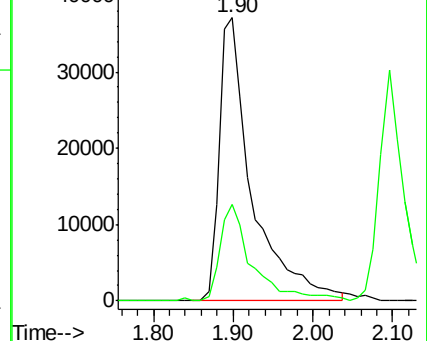
64 100

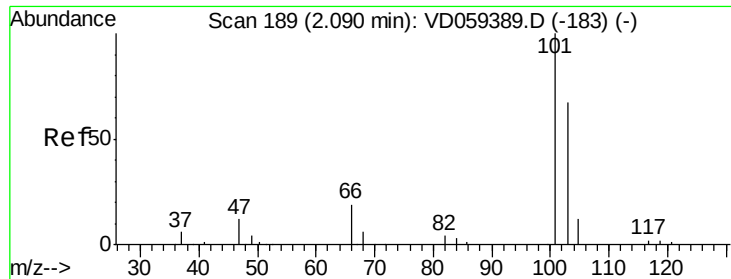
66 34.0 27.1 40.7



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



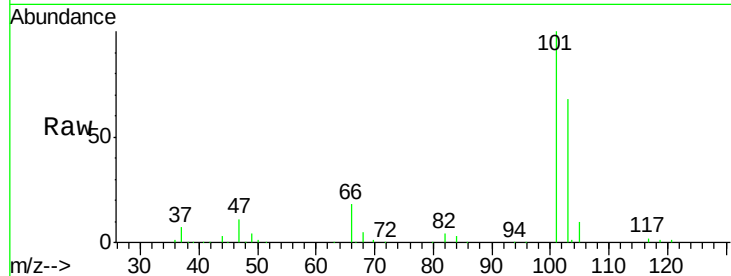


#7

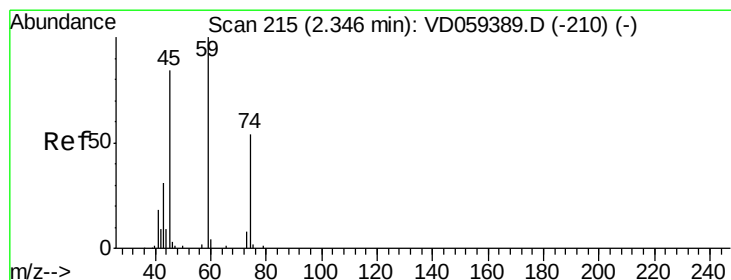
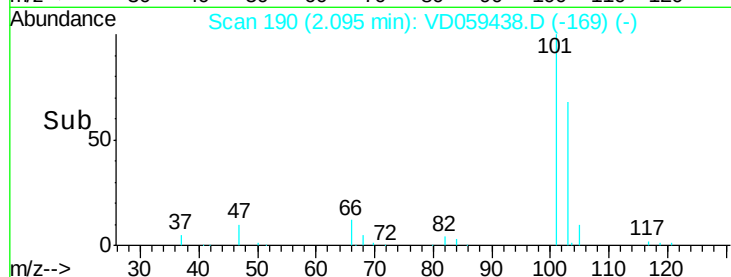
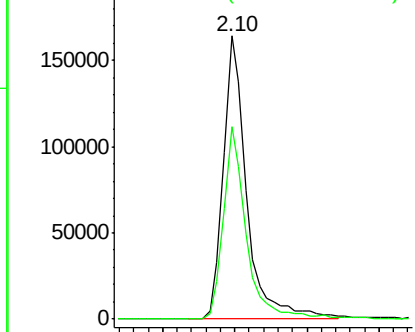
Trichlorofluoromethane  
Concen: 53.32 ug/l  
RT: 2.10 min Scan# 190  
Delta R.T. 0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:101 Resp: 369632  
Ion Ratio Lower Upper  
101 100  
103 68.0 53.4 80.0



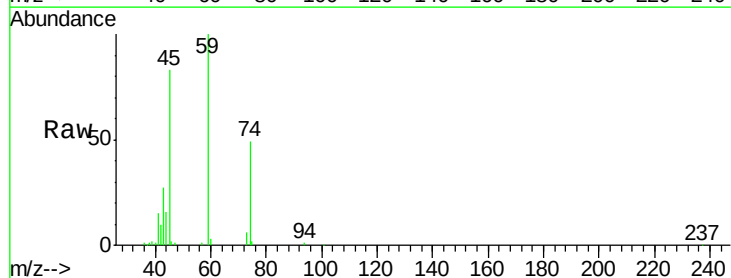
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



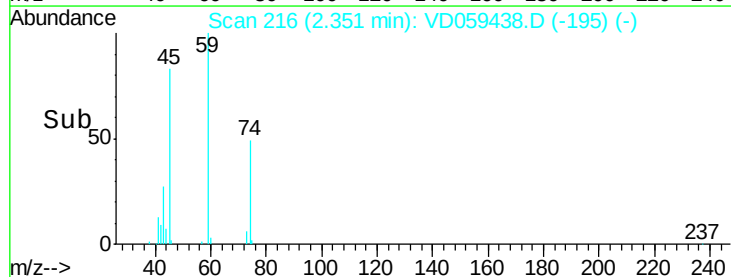
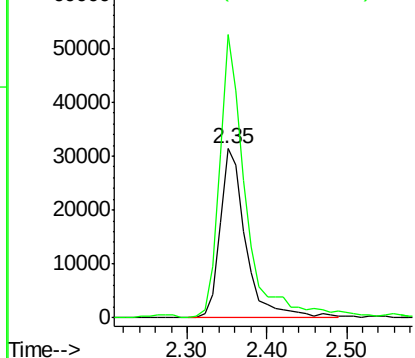
#8

Diethyl Ether  
Concen: 45.53 ug/l  
RT: 2.35 min Scan# 216  
Delta R.T. 0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

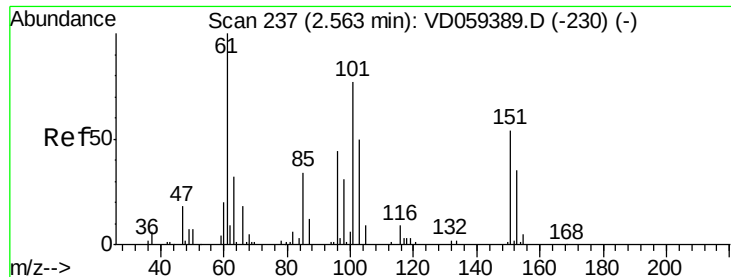
Tgt Ion: 74 Resp: 71415  
Ion Ratio Lower Upper  
74 100  
45 167.4 78.0 233.8



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: 53.33 ug/l

RT: 2.57 min Scan# 238

Delta R.T. 0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

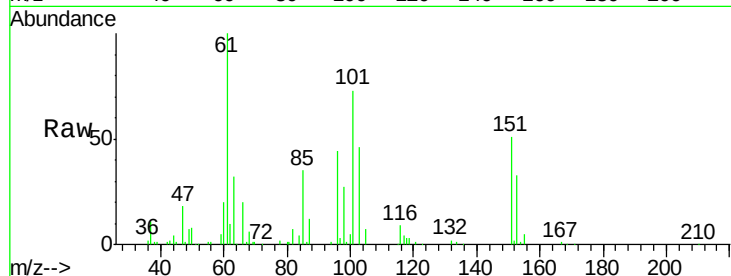
Tot Ion:101 Resp: 229749

Ion Ratio Lower Upper

101 100

85 47.3 35.7 53.5

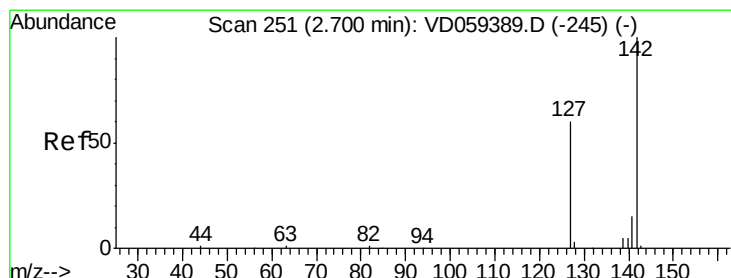
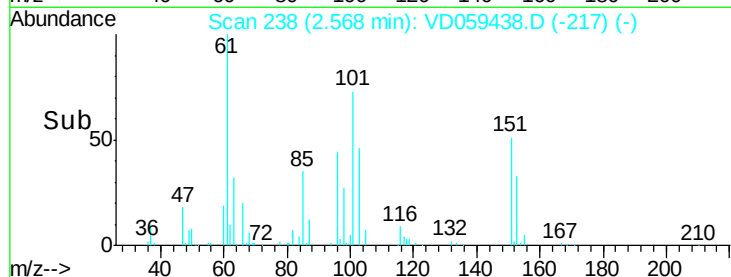
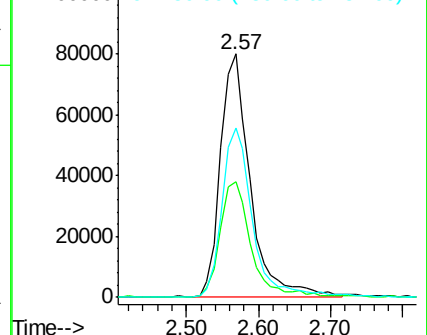
151 69.7 55.8 83.8



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: 47.48 ug/l

RT: 2.71 min Scan# 252

Delta R.T. 0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

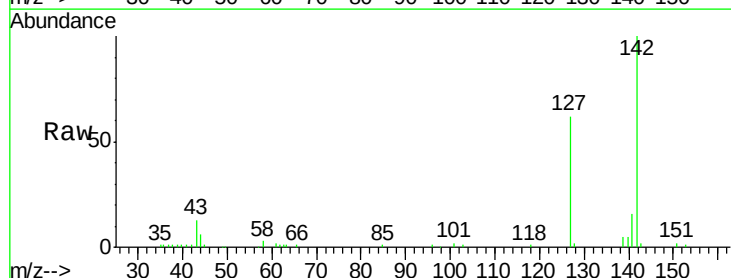
Tgt Ion:142 Resp: 238942

Ion Ratio Lower Upper

142 100

127 62.2 48.4 72.6

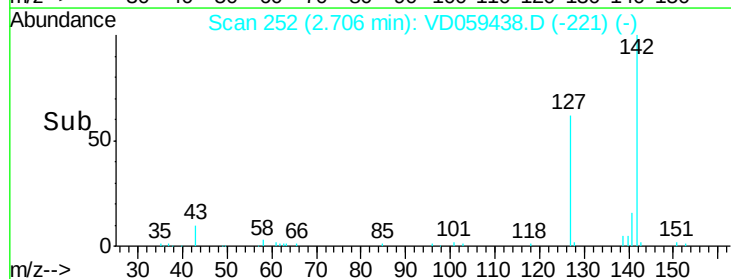
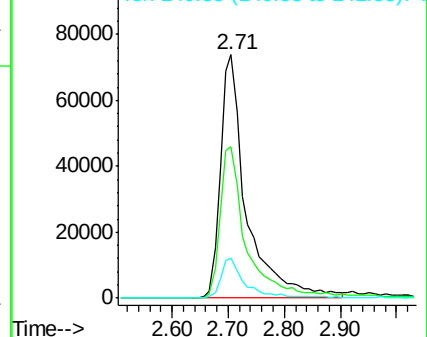
141 16.4 12.1 18.1

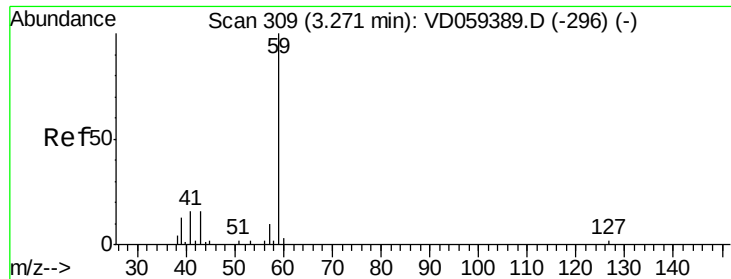


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



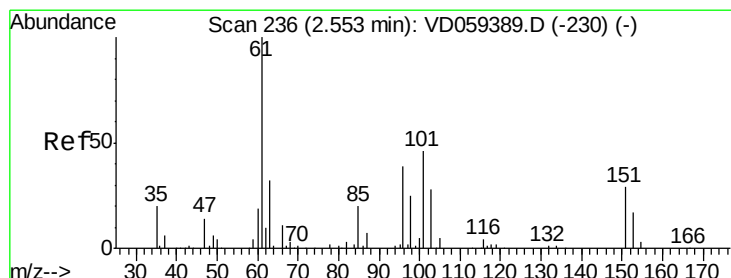
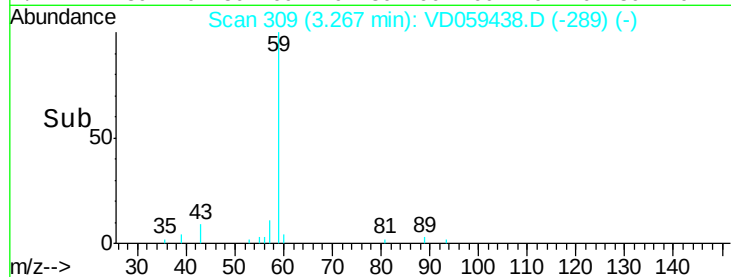
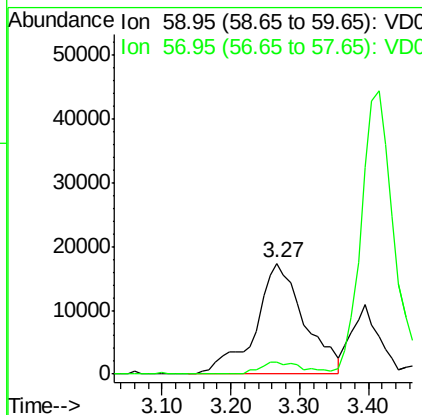
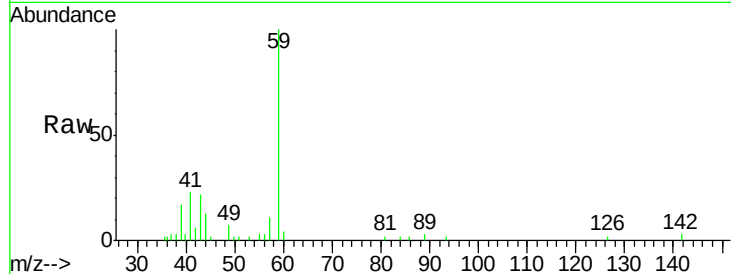


#11

Tert butyl alcohol  
 Concen: 240.57 ug/l  
 RT: 3.27 min Scan# 309  
 Delta R.T. -0.00 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

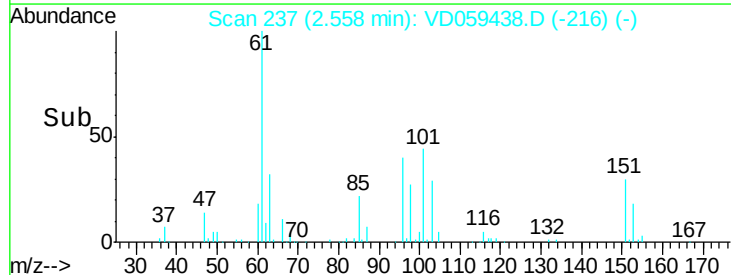
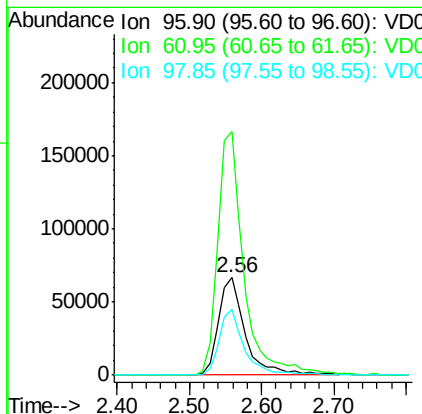
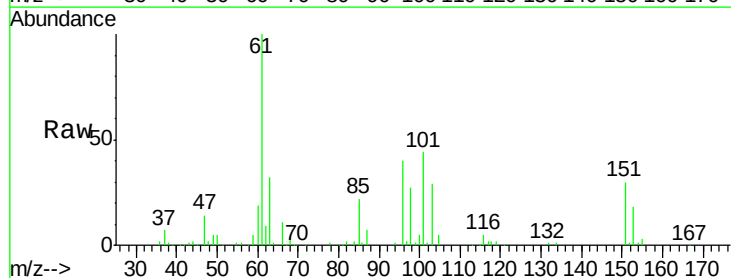
Tot Ion: 59 Resp: 85196  
 Ion Ratio Lower Upper  
 59 100  
 57 10.9 8.3 12.5

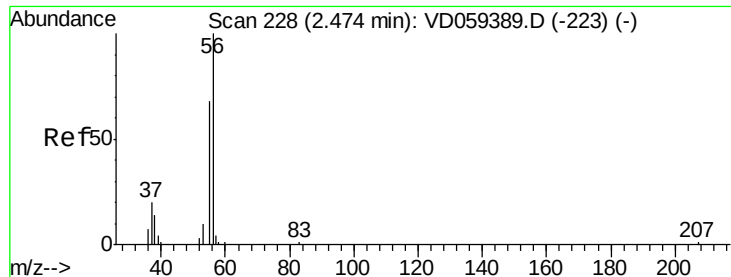


#12

1,1-Dichloroethene  
 Concen: 51.42 ug/l  
 RT: 2.56 min Scan# 237  
 Delta R.T. 0.01 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Tgt Ion: 96 Resp: 169606  
 Ion Ratio Lower Upper  
 96 100  
 61 249.7 205.4 308.0  
 98 67.2 51.0 76.4





#13

Acrolein

Concen: 186.52 ug/l

RT: 2.48 min Scan# 229

Delta R.T. 0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

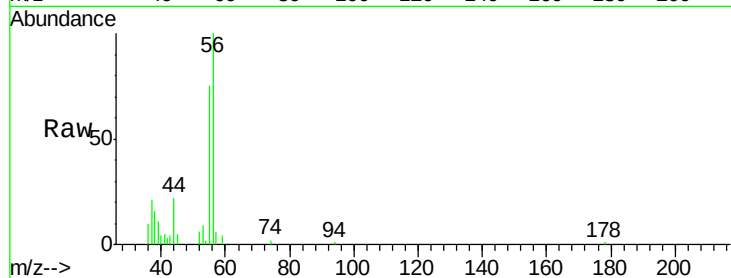
VSTDCCC050

Tot Ion: 56 Resp: 59053

Ion Ratio Lower Upper

56 100

55 74.7 54.6 82.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

2.48

25000

20000

15000

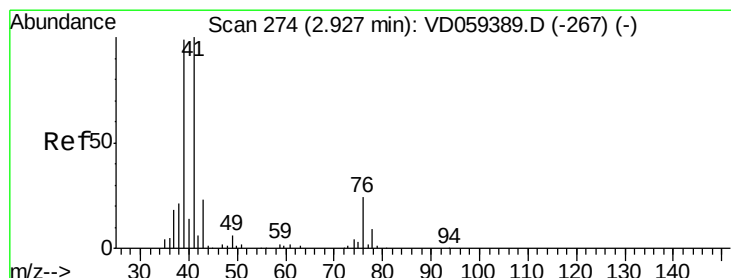
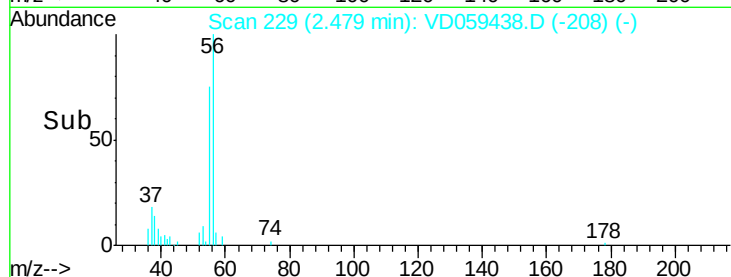
10000

5000

0

Time-->

2.40 2.50 2.60 2.70



#14

Allyl chloride

Concen: 48.85 ug/l

RT: 2.93 min Scan# 275

Delta R.T. 0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

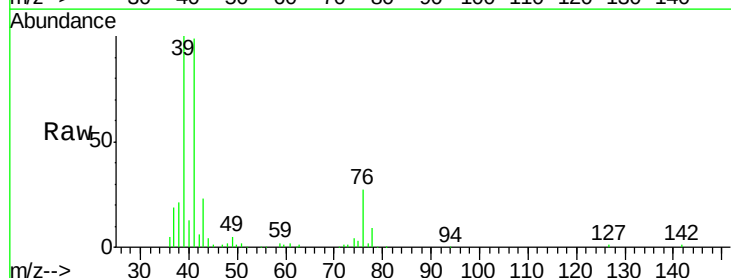
Tgt Ion: 41 Resp: 368777

Ion Ratio Lower Upper

41 100

39 101.0 79.1 118.7

76 27.4 21.9 32.9



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

250000

200000

150000

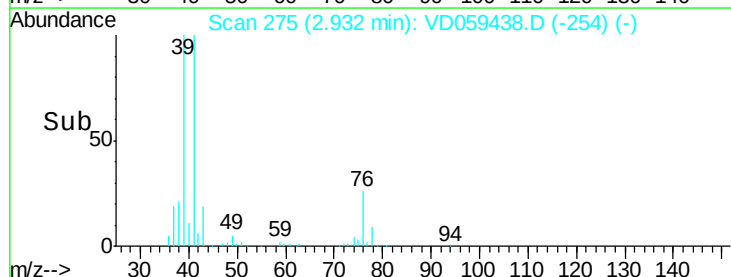
100000

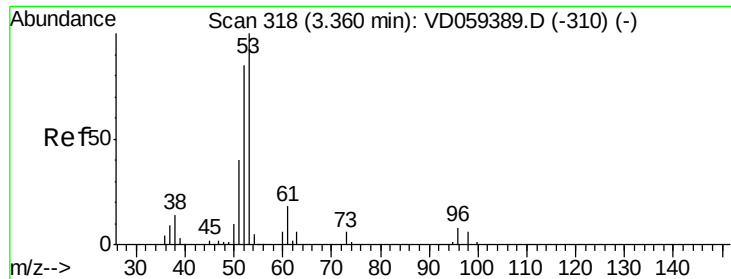
50000

0

Time-->

2.80 2.90 3.00 3.10





#15

Acrylonitrile

Concen: 270.65 ug/l

RT: 3.37 min Scan# 319

Delta R.T. 0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

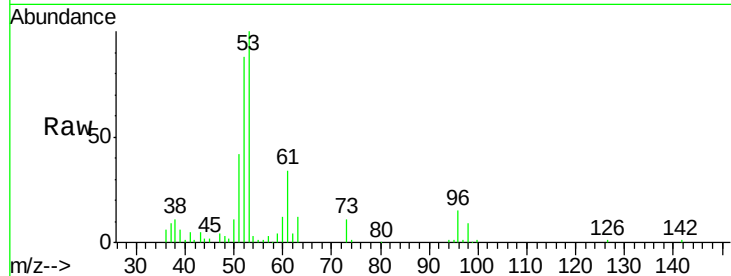
Tot Ion: 53 Resp: 294170

Ion Ratio Lower Upper

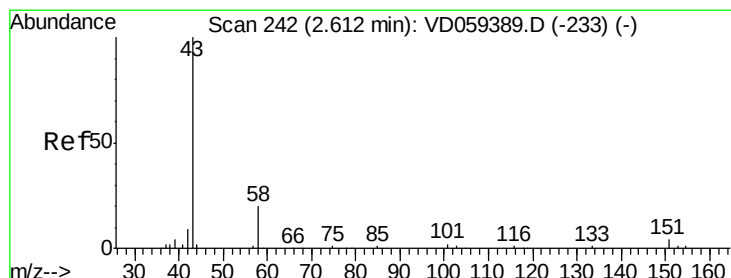
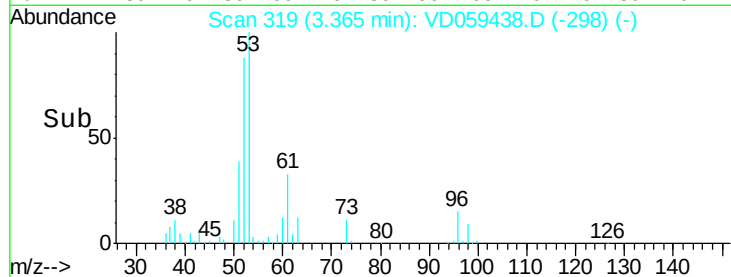
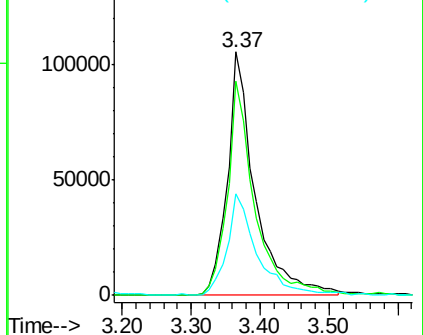
53 100

52 87.8 67.9 101.9

51 41.7 32.2 48.4



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



#16

Acetone

Concen: 294.39 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD059438.D

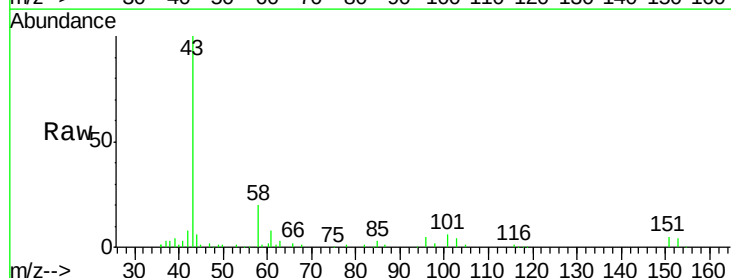
Acq: 27 Jun 2018 11:46

Tgt Ion: 43 Resp: 380347

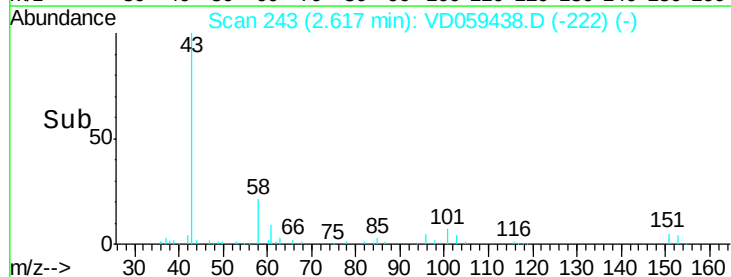
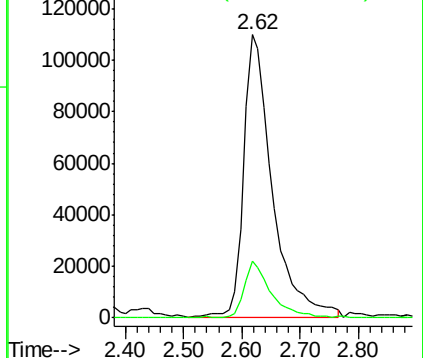
Ion Ratio Lower Upper

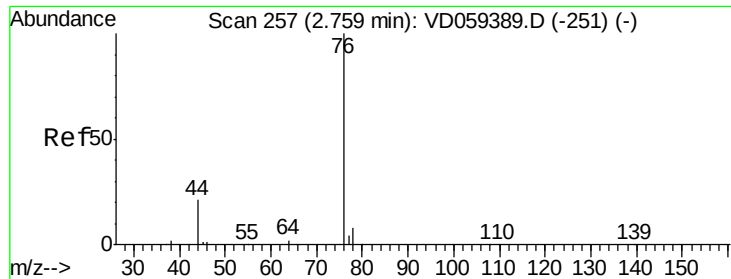
43 100

58 20.0 16.8 25.2



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





#17

Carbon Disulfide

Concen: 46.89 ug/l

RT: 2.76 min Scan# 258

Delta R.T. 0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

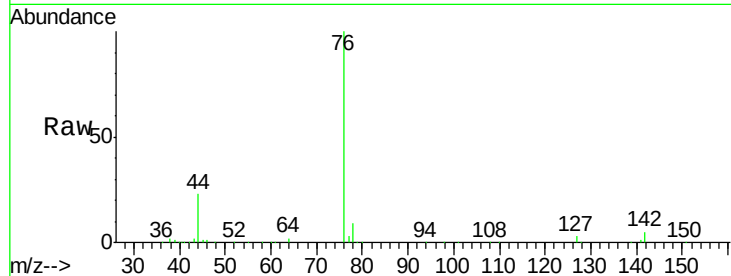
VSTDCCC050

Tot Ion: 76 Resp: 473666

Ion Ratio Lower Upper

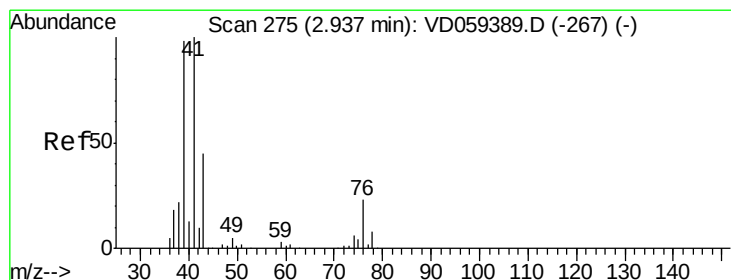
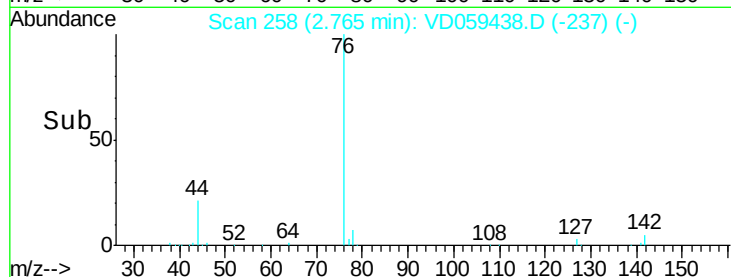
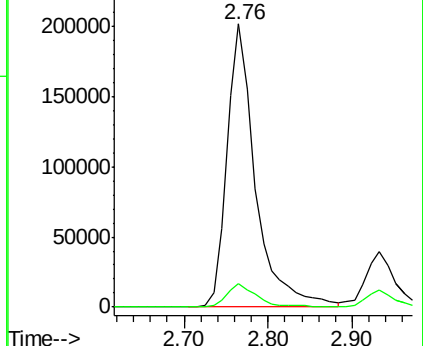
76 100

78 8.5 6.6 9.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 44.91 ug/l

RT: 2.94 min Scan# 276

Delta R.T. 0.01 min

Lab File: VD059438.D

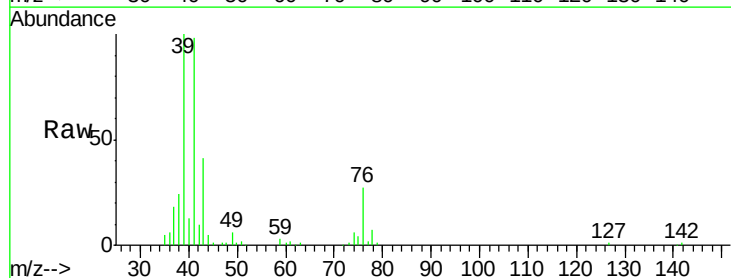
Acq: 27 Jun 2018 11:46

Tgt Ion: 43 Resp: 123640

Ion Ratio Lower Upper

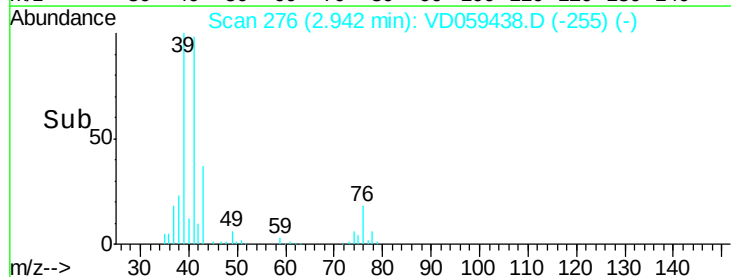
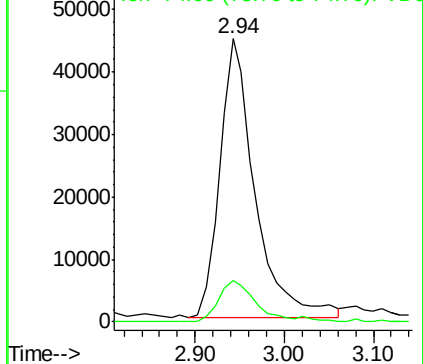
43 100

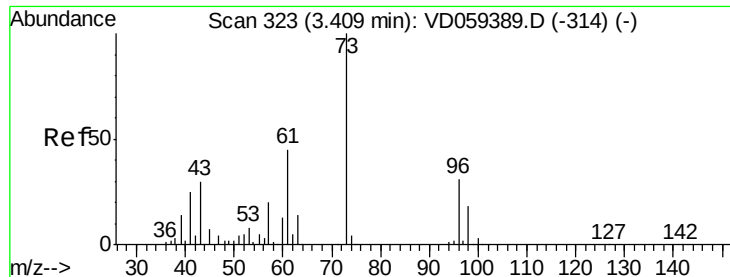
74 14.8 11.0 16.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



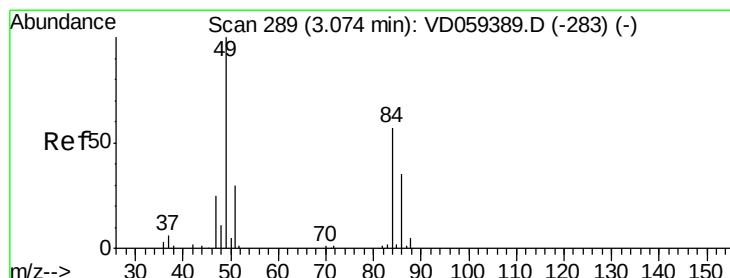
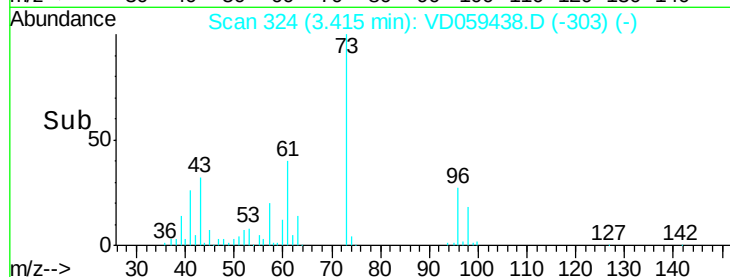
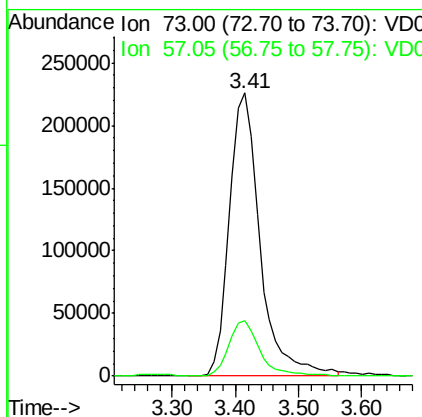
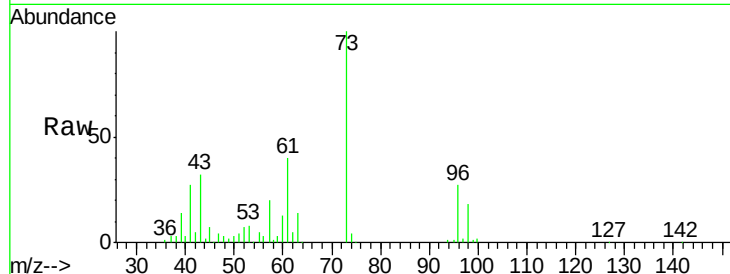


#19

Methyl tert-butyl Ether  
 Concen: 46.93 ug/l  
 RT: 3.41 min Scan# 324  
 Delta R.T. 0.01 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

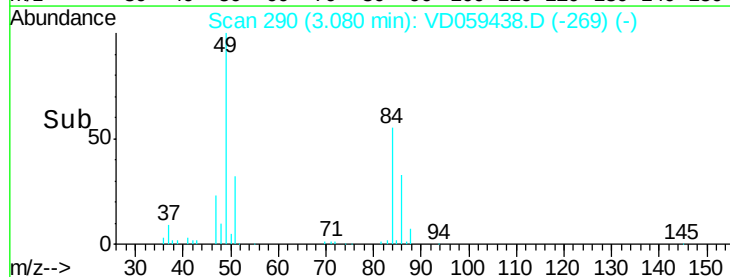
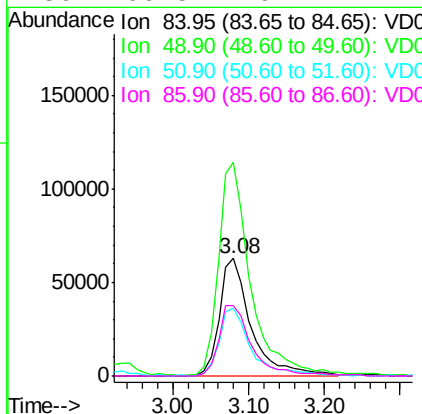
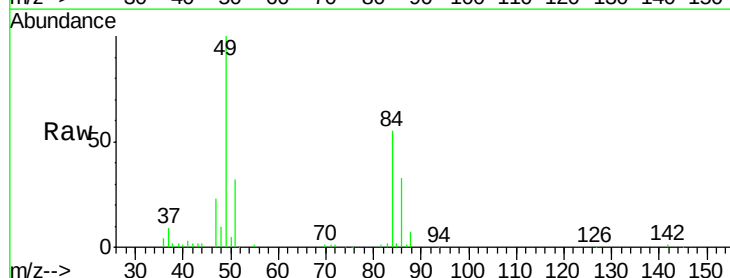
Tot Ion: 73 Resp: 761907  
 Ion Ratio Lower Upper  
 73 100  
 57 19.6 16.1 24.1

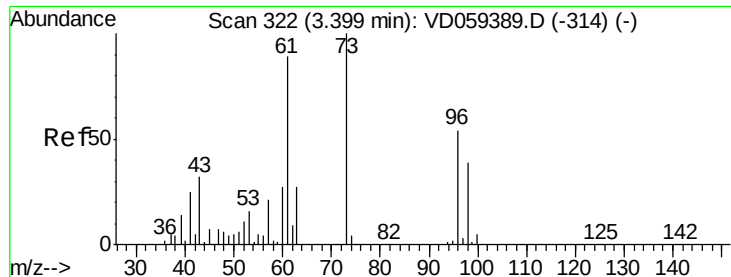


#20

Methylene Chloride  
 Concen: 51.30 ug/l  
 RT: 3.08 min Scan# 290  
 Delta R.T. 0.01 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Tgt Ion: 84 Resp: 183592  
 Ion Ratio Lower Upper  
 84 100  
 49 181.9 140.3 210.5  
 51 58.0 41.6 62.4  
 86 60.5 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 58.31 ug/l

RT: 3.39 min Scan# 322

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

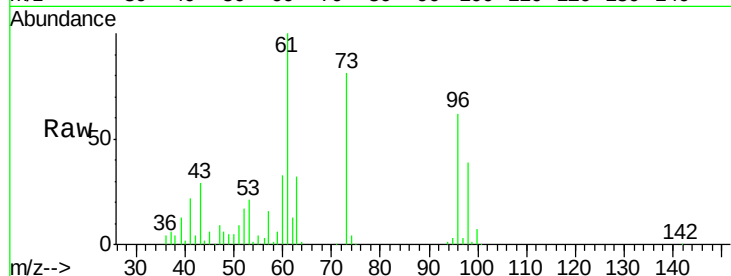
Tot Ion: 96 Resp: 340074

Ion Ratio Lower Upper

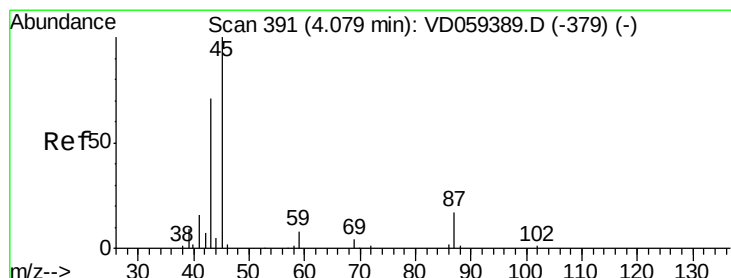
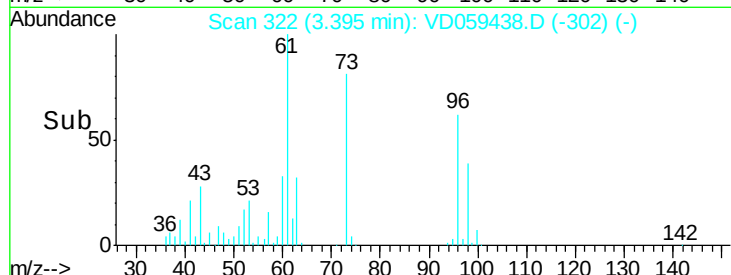
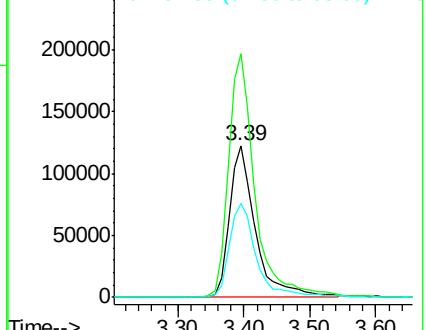
96 100

61 160.6 131.0 196.4

98 62.0 56.8 85.2



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



#22

Diisopropyl ether

Concen: 46.00 ug/l

RT: 4.07 min Scan# 391

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Tgt Ion: 45 Resp: 1306587

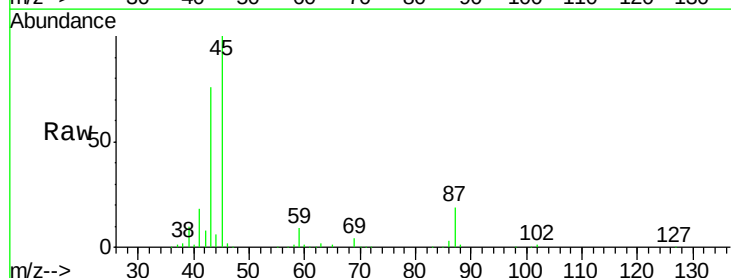
Ion Ratio Lower Upper

45 100

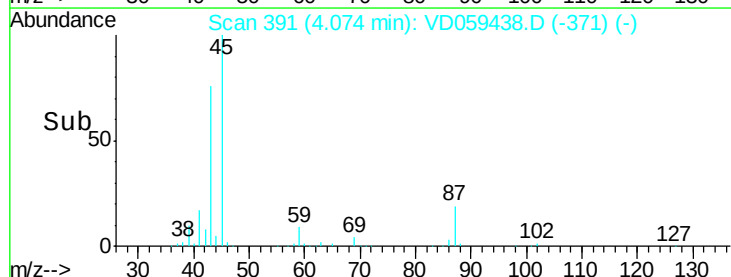
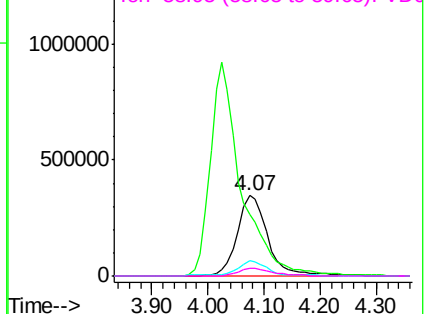
43 76.1 56.9 85.3

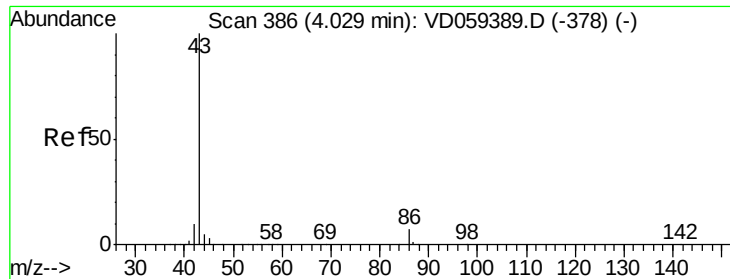
87 19.4 14.2 21.4

59 8.9 7.0 10.4



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: 237.01 ug/l

RT: 4.02 min Scan# 386

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

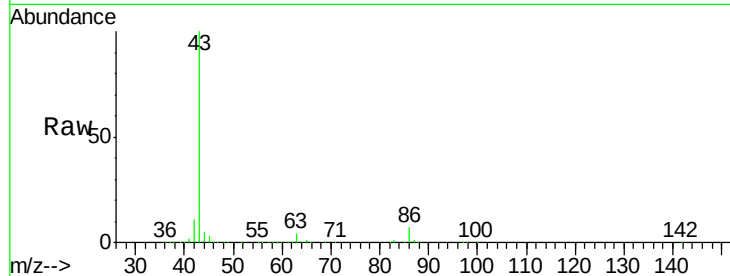
VSTDCCC050

Tot Ion: 43 Resp: 3507769

Ion Ratio Lower Upper

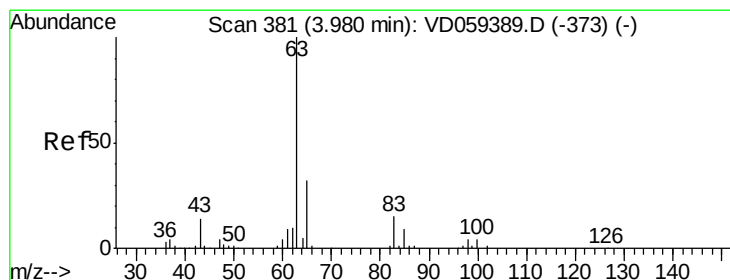
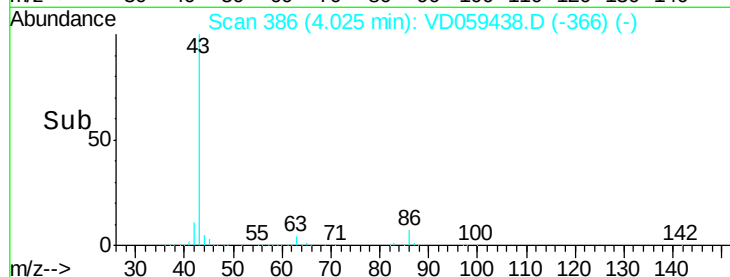
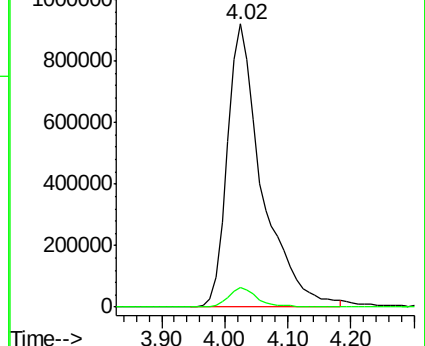
43 100

86 6.8 5.2 7.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 47.59 ug/l

RT: 3.98 min Scan# 381

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

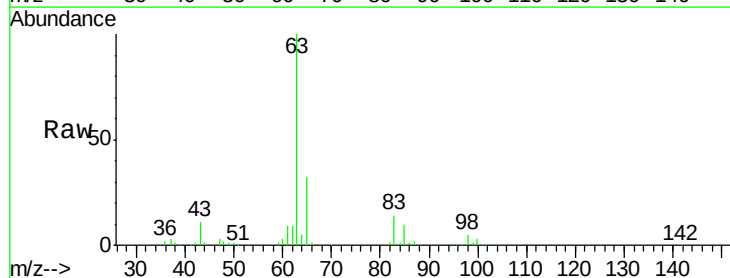
Tgt Ion: 63 Resp: 773509

Ion Ratio Lower Upper

63 100

98 5.4 2.1 6.5

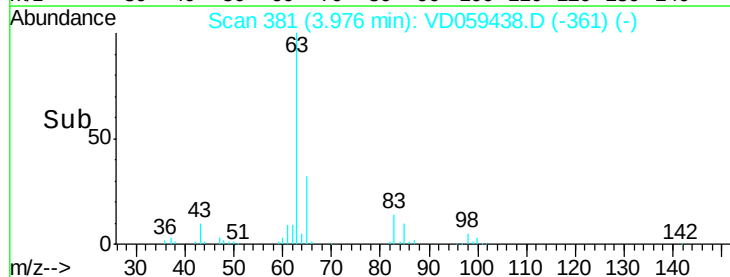
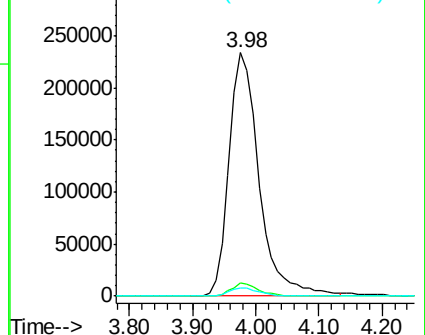
100 3.2 1.8 5.5



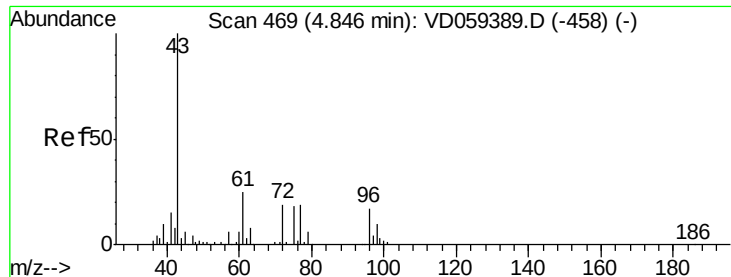
Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC







#25

2-Butanone

Concen: 223.58 ug/l

RT: 4.84 min Scan# 469

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

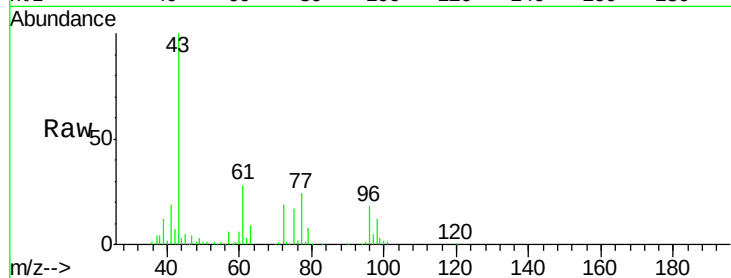
VSTDCCC050

Tot Ion: 43 Resp: 605103

Ion Ratio Lower Upper

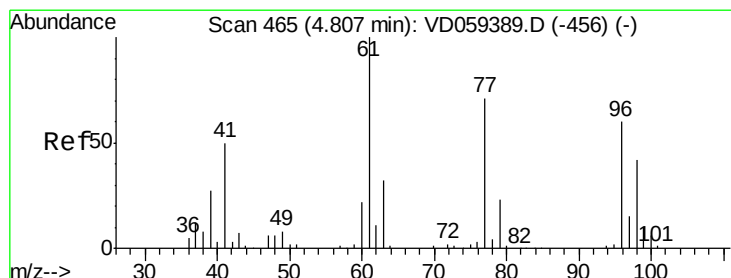
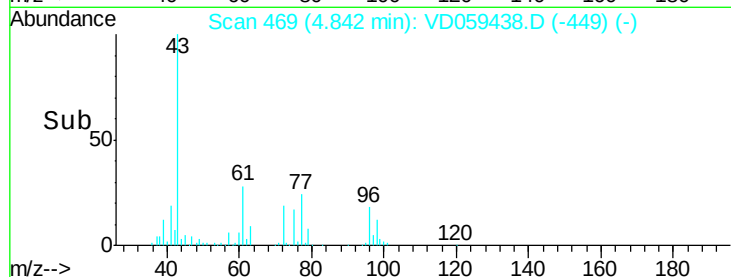
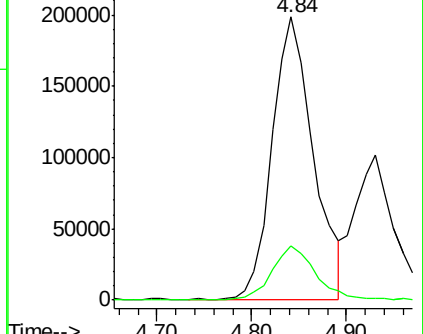
43 100

72 19.4 15.4 23.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 56.05 ug/l

RT: 4.80 min Scan# 465

Delta R.T. -0.00 min

Lab File: VD059438.D

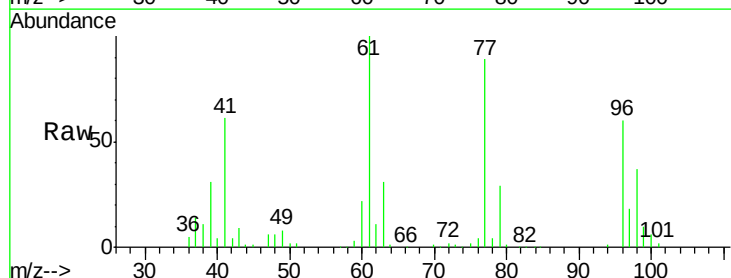
Acq: 27 Jun 2018 11:46

Tgt Ion: 77 Resp: 706475

Ion Ratio Lower Upper

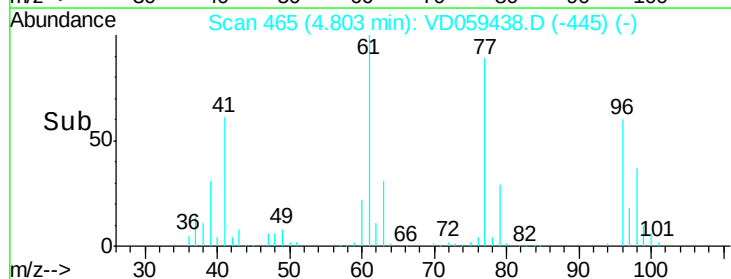
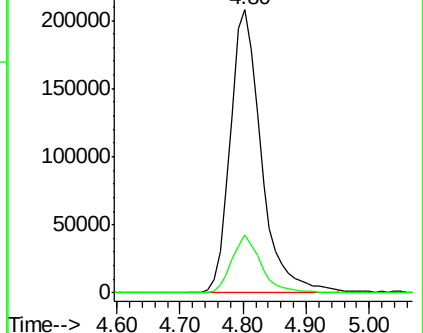
77 100

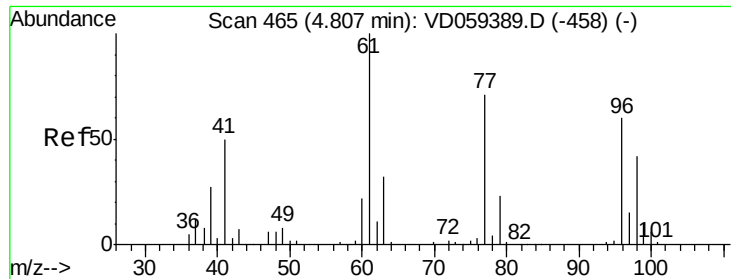
97 20.6 10.7 32.1



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: 44.25 ug/l

RT: 4.80 min Scan# 465

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

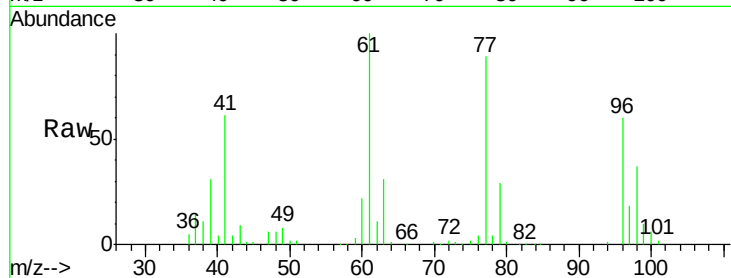
Tot Ion: 96 Resp: 433666

Ion Ratio Lower Upper

96 100

61 167.3 0.0 335.8

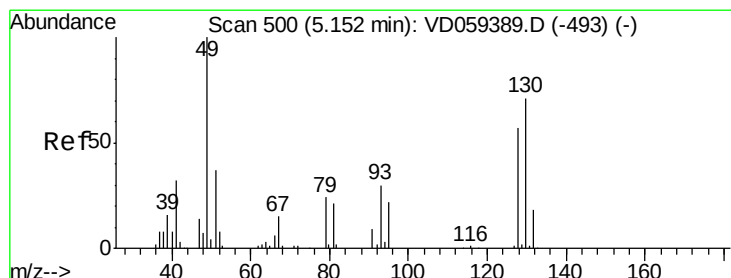
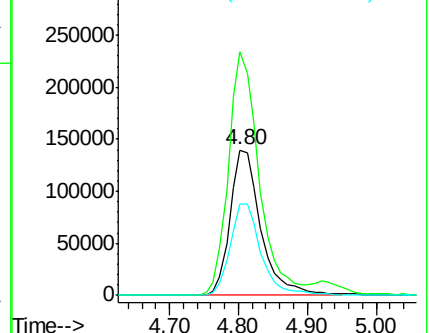
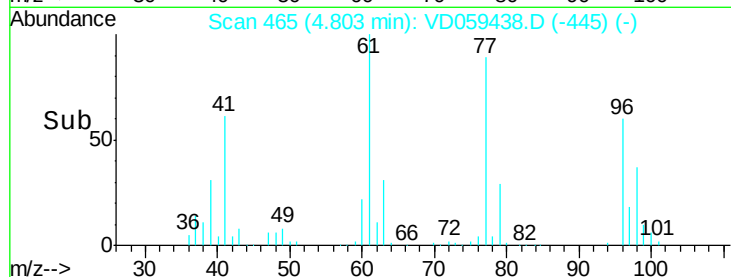
98 62.4 0.0 141.0



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



#28

Bromochloromethane

Concen: 47.48 ug/l

RT: 5.15 min Scan# 500

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

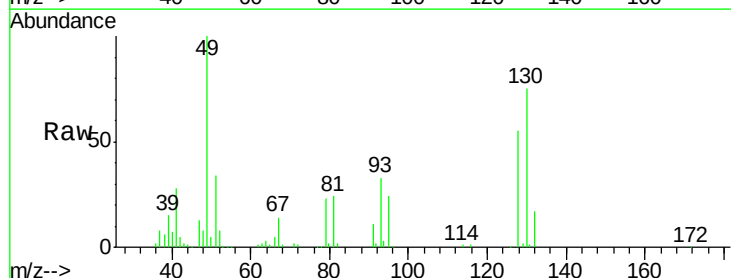
Tgt Ion: 49 Resp: 334565

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.4

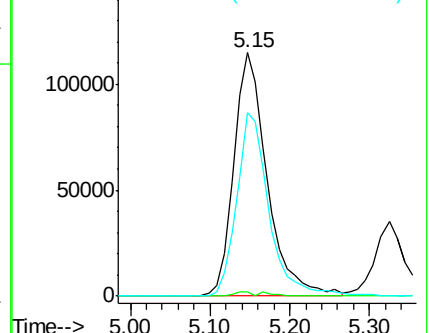
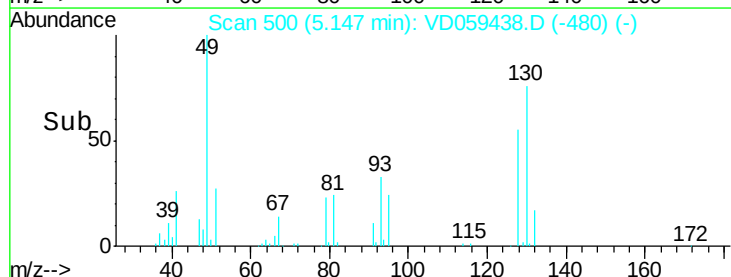
130 75.4 57.0 85.6

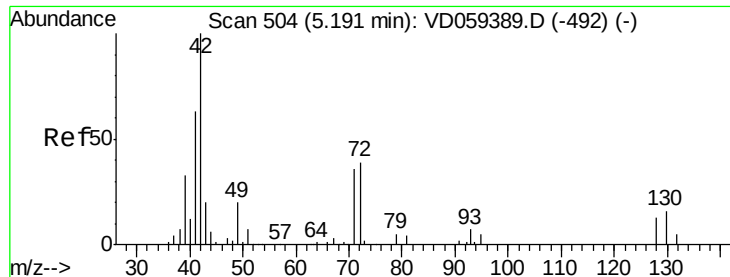


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

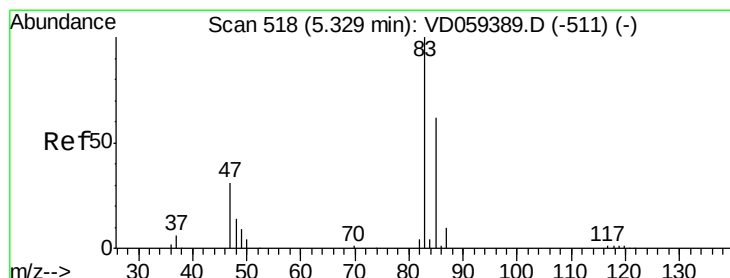
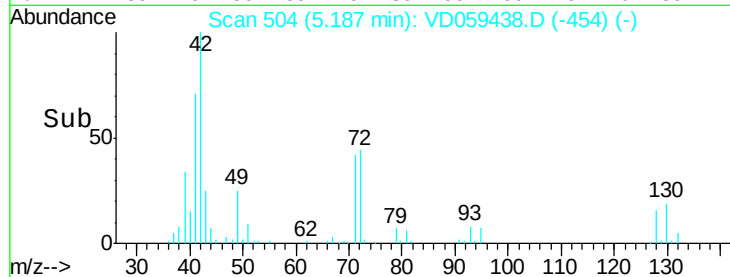
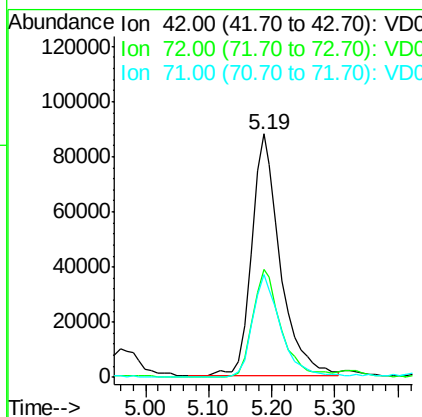
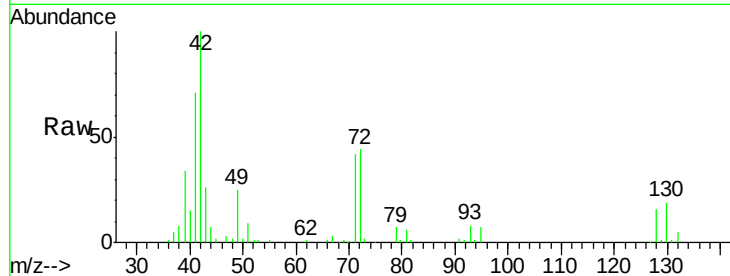




#29  
Tetrahydrofuran  
Concen: 186.92 ug/l  
RT: 5.19 min Scan# 504  
Delta R.T. -0.00 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

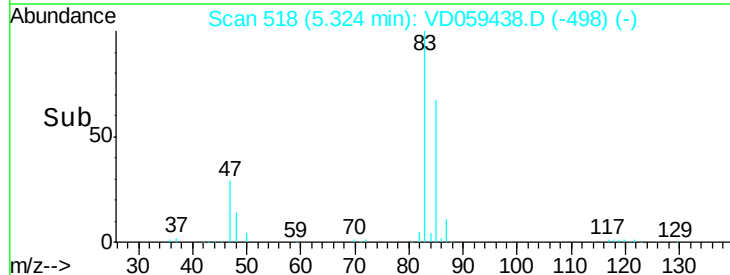
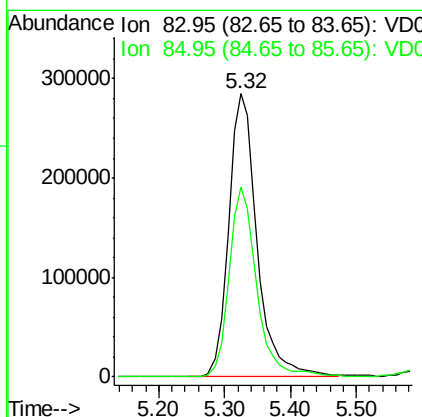
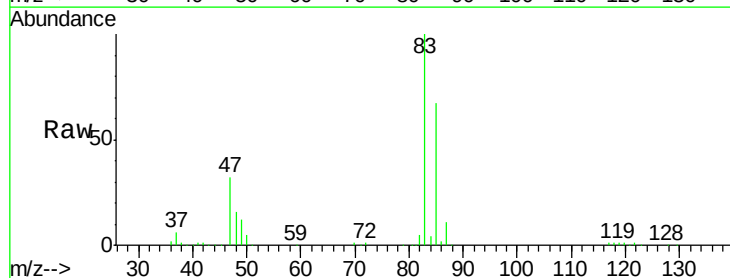
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

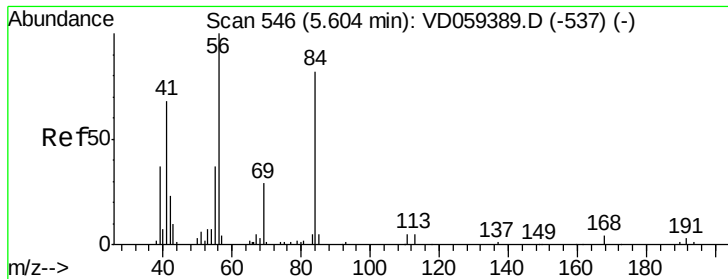
Tot Ion: 42 Resp: 276711  
Ion Ratio Lower Upper  
42 100  
72 44.2 31.4 47.2  
71 42.2 29.7 44.5



#30  
Chloroform  
Concen: 48.46 ug/l  
RT: 5.32 min Scan# 518  
Delta R.T. -0.00 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Tgt Ion: 83 Resp: 858521  
Ion Ratio Lower Upper  
83 100  
85 67.0 49.3 73.9

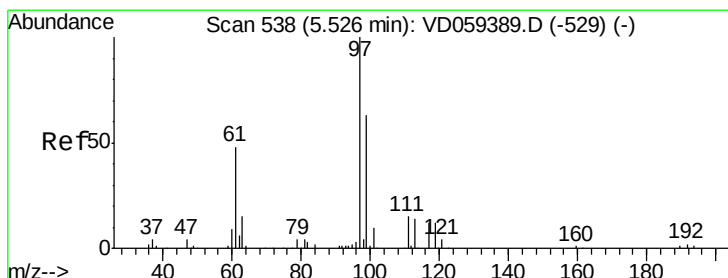
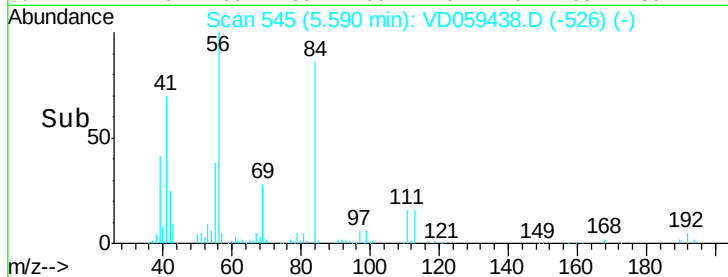
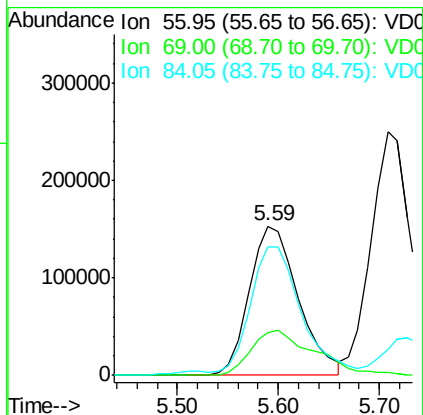
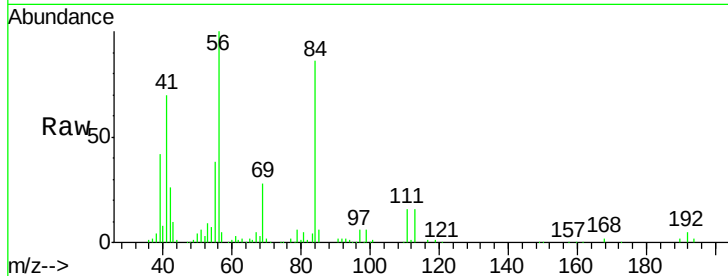




#31  
Cyclohexane  
Concen: 48.04 ug/l  
RT: 5.59 min Scan# 545  
Delta R.T. -0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

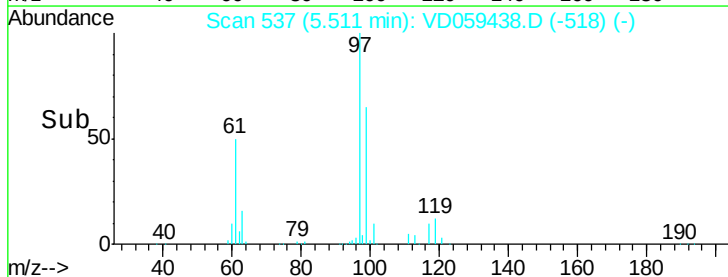
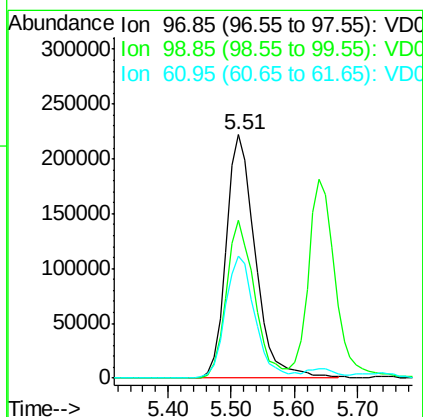
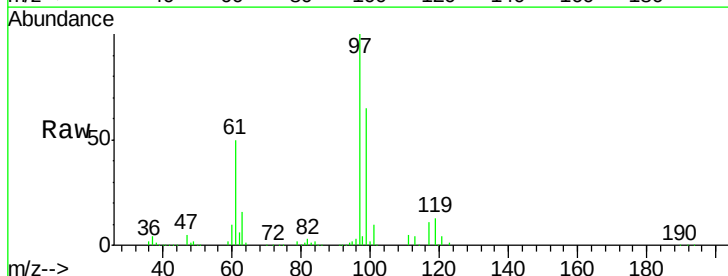
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

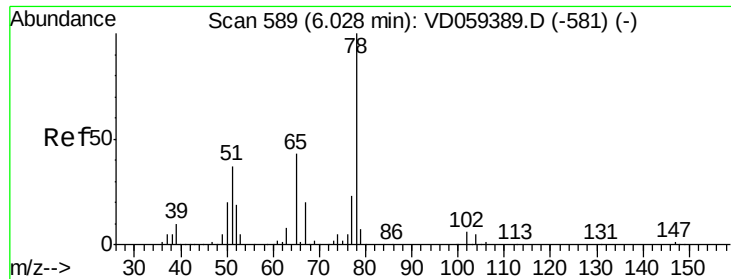
Tot Ion: 56 Resp: 516918  
Ion Ratio Lower Upper  
56 100  
69 28.1 22.9 34.3  
84 86.0 67.3 100.9



#32  
1,1,1-Trichloroethane  
Concen: 49.25 ug/l  
RT: 5.51 min Scan# 537  
Delta R.T. -0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Tgt Ion: 97 Resp: 706550  
Ion Ratio Lower Upper  
97 100  
99 64.9 50.2 75.4  
61 50.4 38.6 57.8





#33

1,2-Dichloroethane-d4

Concen: 49.25 ug/l

RT: 6.02 min Scan# 589

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

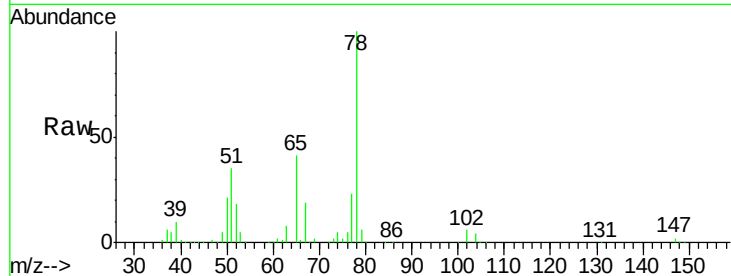
VSTDCCC050

Tot Ion: 65 Resp: 429713

Ion Ratio Lower Upper

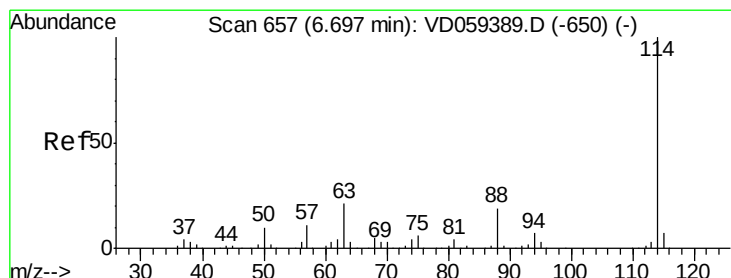
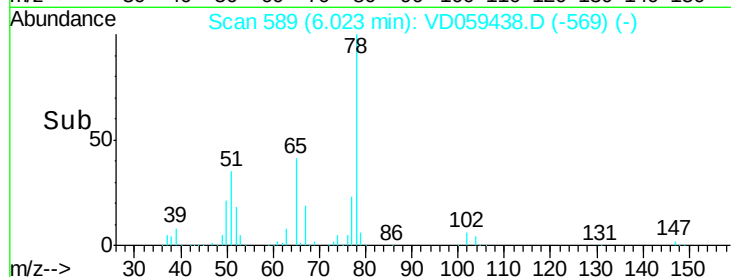
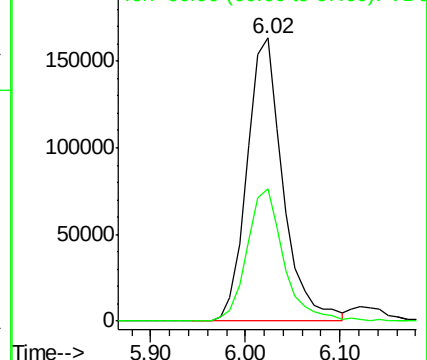
65 100

67 46.8 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.69 min Scan# 657

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

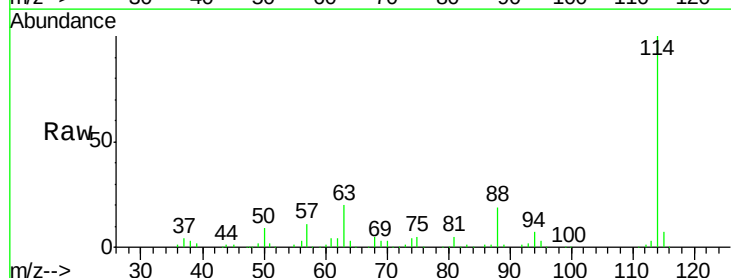
Tgt Ion: 114 Resp: 1293640

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

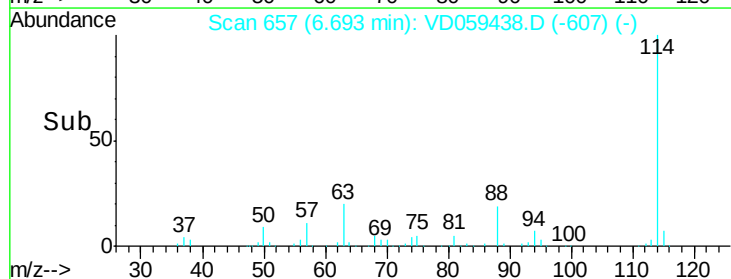
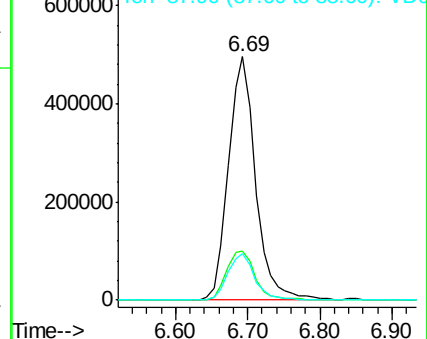
88 18.9 0.0 38.0

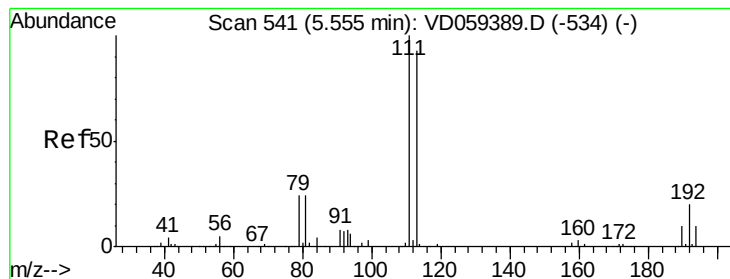


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

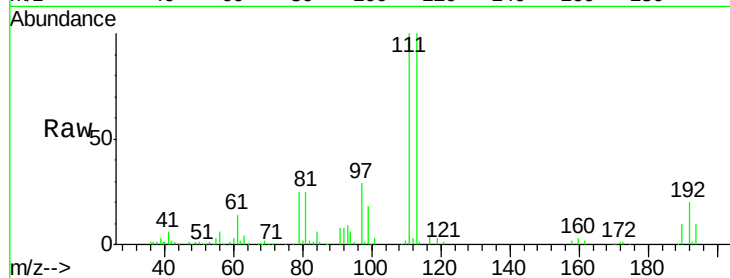
Tot Ion:113 Resp: 471429

Ion Ratio Lower Upper

113 100

111 100.1 85.7 128.5

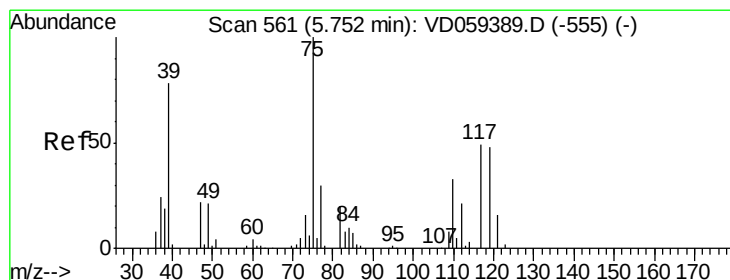
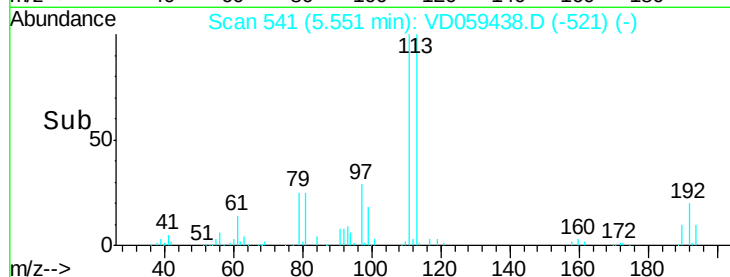
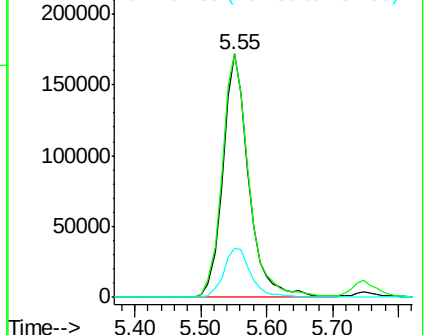
192 20.0 16.9 25.3



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: 47.51 ug/l

RT: 5.75 min Scan# 561

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

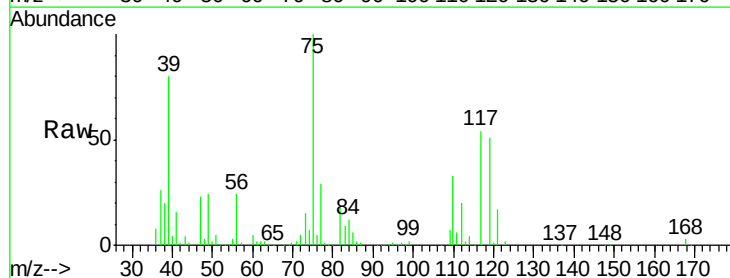
Tgt Ion: 75 Resp: 557552

Ion Ratio Lower Upper

75 100

110 32.6 16.1 48.2

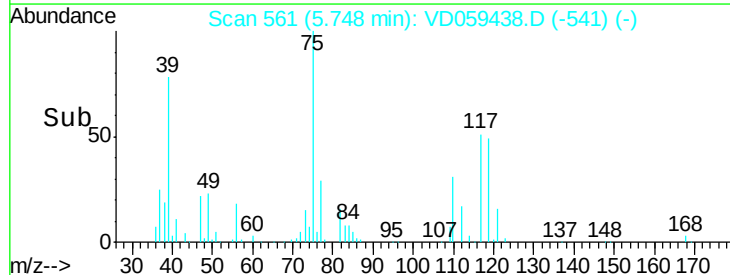
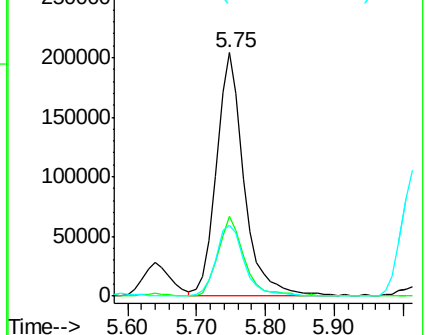
77 29.1 23.4 35.2

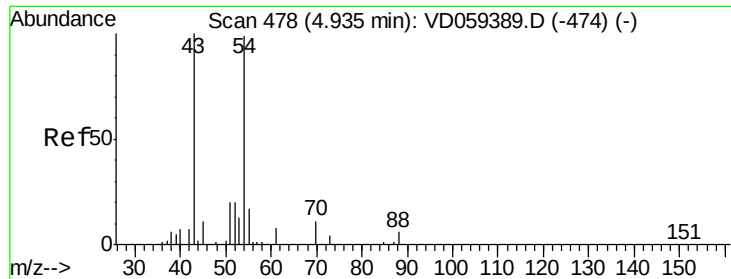


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

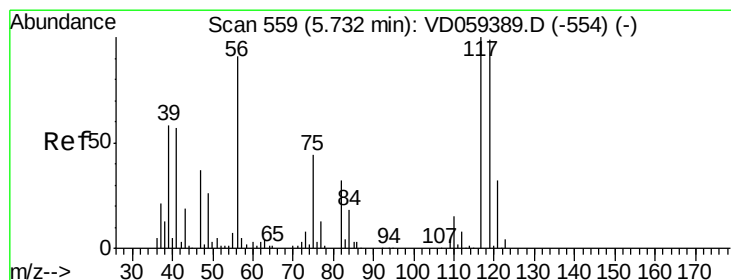
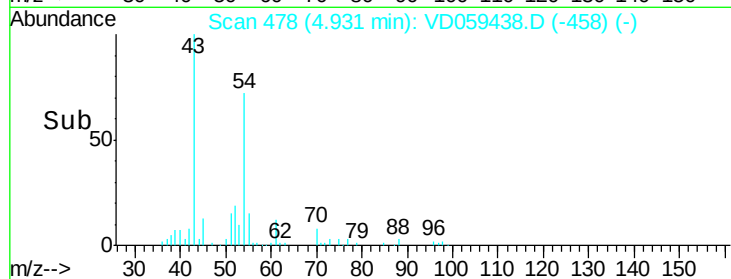
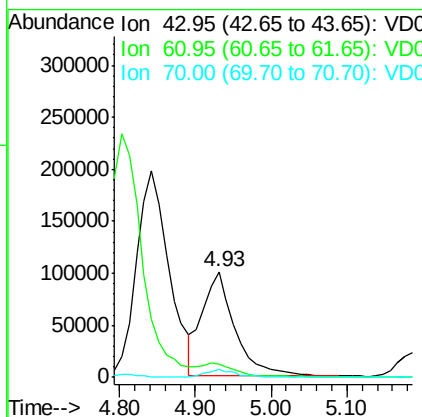
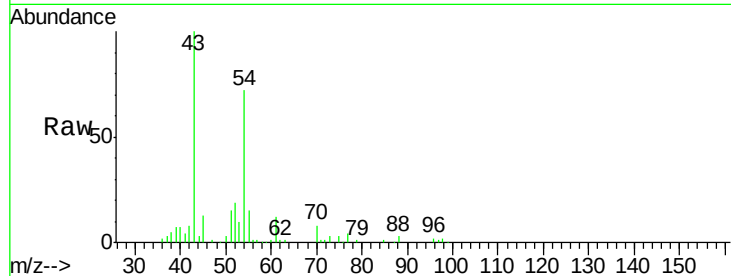




#37  
Ethyl Acetate  
Concen: 42.57 ug/l  
RT: 4.93 min Scan# 478  
Delta R.T. -0.00 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

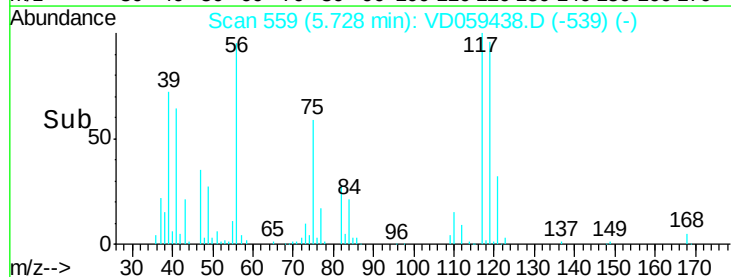
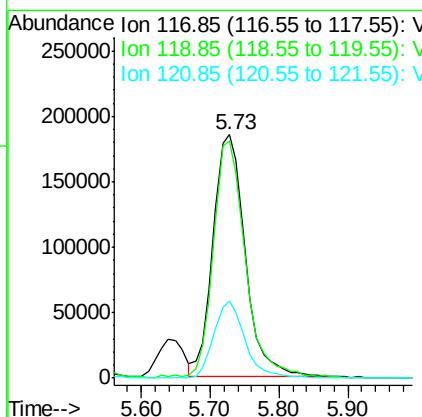
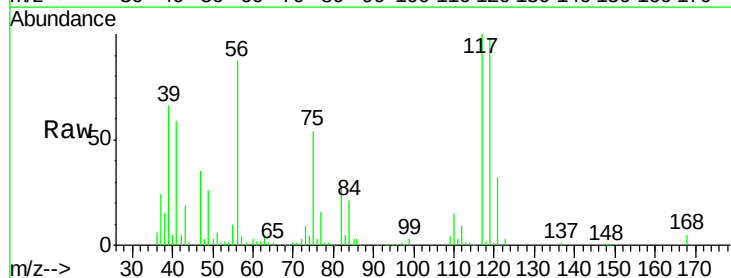
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

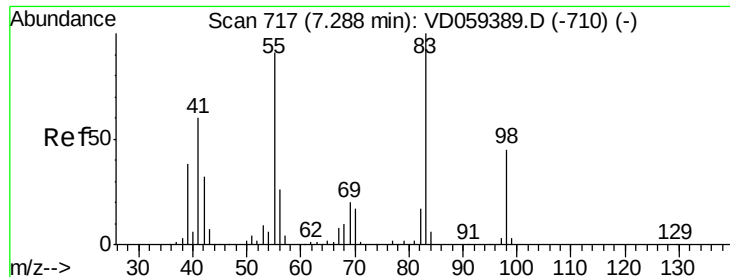
Tot Ion: 43 Resp: 304252  
Ion Ratio Lower Upper  
43 100  
61 12.4 11.8 17.8  
70 7.8 6.1 9.1



#38  
Carbon Tetrachloride  
Concen: 49.59 ug/l  
RT: 5.73 min Scan# 559  
Delta R.T. -0.00 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Tgt Ion: 117 Resp: 600036  
Ion Ratio Lower Upper  
117 100  
119 97.7 76.6 115.0  
121 31.8 25.0 37.4

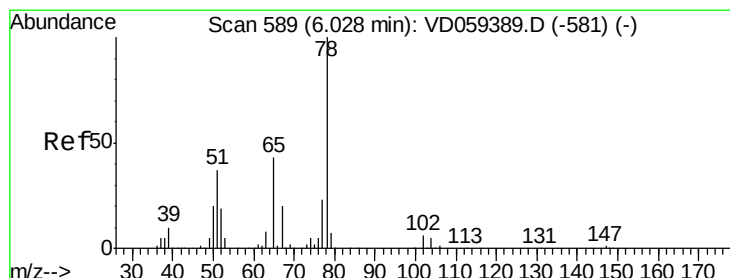
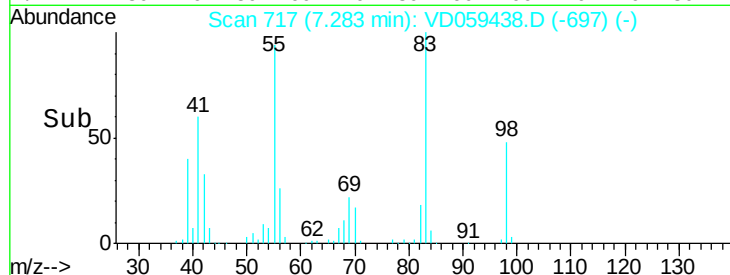
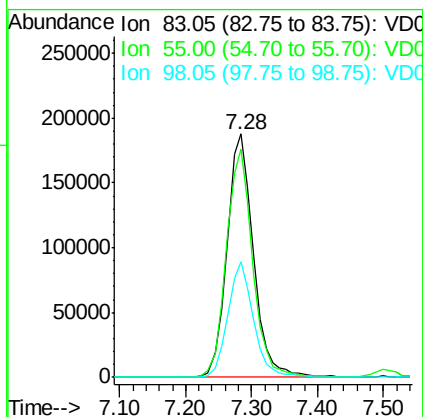
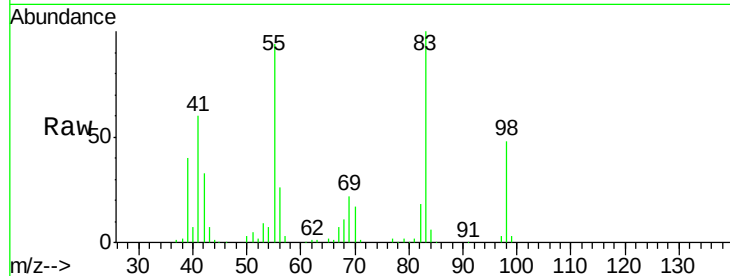




#39  
Methylvlcyclohexane  
Concen: 47.48 ug/l  
RT: 7.28 min Scan# 717  
Delta R.T. -0.00 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

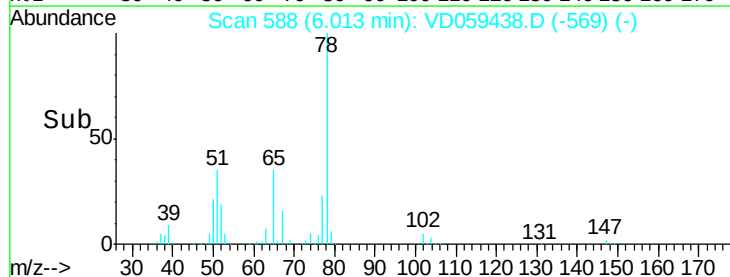
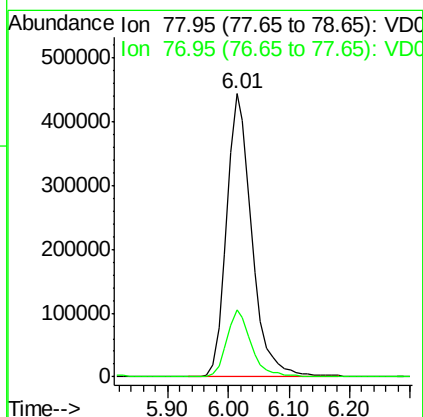
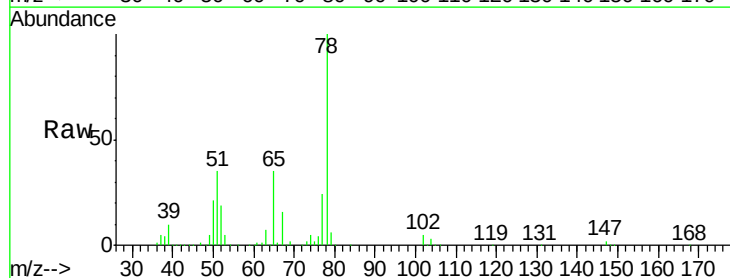
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 83 Resp: 528451  
Ion Ratio Lower Upper  
83 100  
55 94.0 72.6 109.0  
98 47.6 35.8 53.6

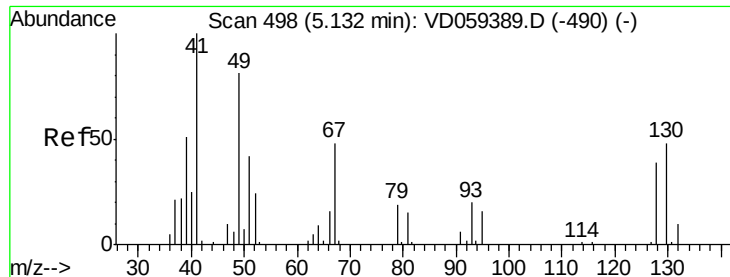


#40  
Benzene  
Concen: 45.59 ug/l  
RT: 6.01 min Scan# 588  
Delta R.T. -0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Tgt Ion: 78 Resp: 1283896  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.1 27.1







#41

Methacrylonitrile

Concen: 41.86 ug/l

RT: 5.13 min Scan# 498

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 144075

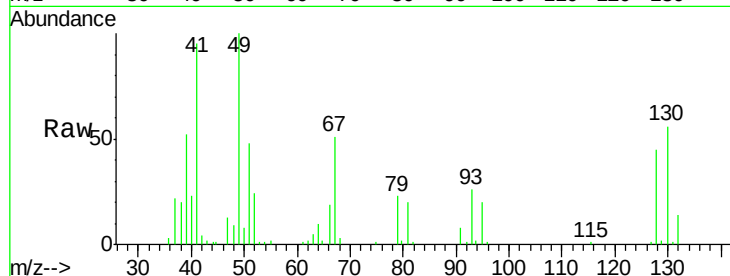
Ion Ratio Lower Upper

41 100

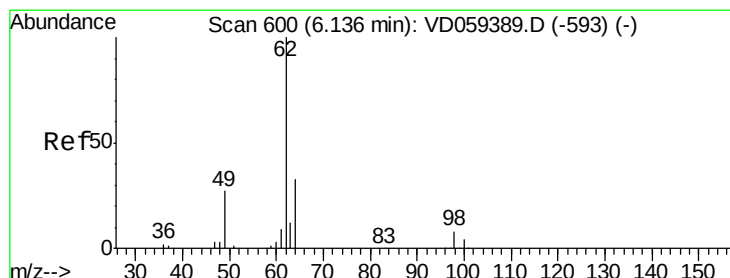
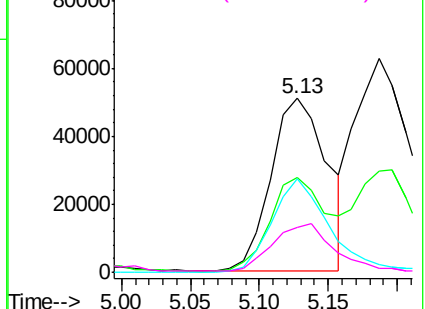
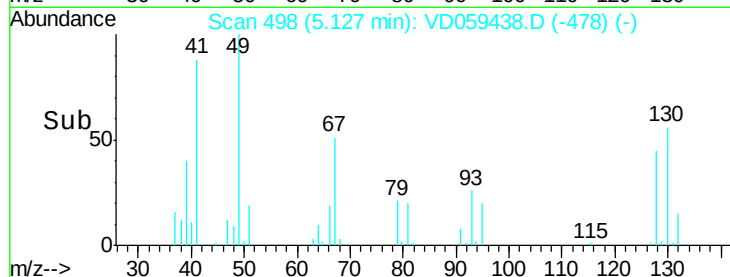
39 54.8 41.5 62.3

67 53.6 38.7 58.1

52 25.5 19.4 29.2



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: 44.78 ug/l

RT: 6.13 min Scan# 600

Delta R.T. -0.00 min

Lab File: VD059438.D

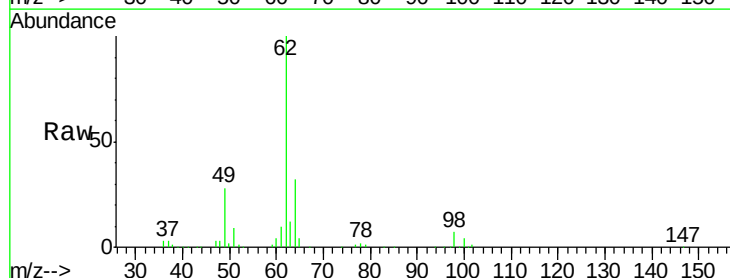
Acq: 27 Jun 2018 11:46

Tgt Ion: 62 Resp: 557240

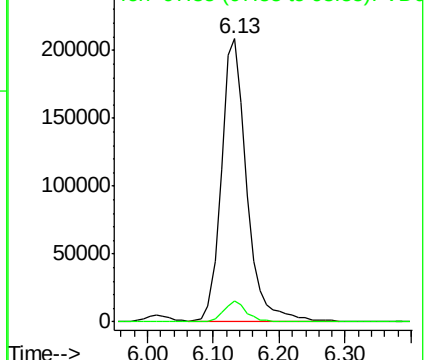
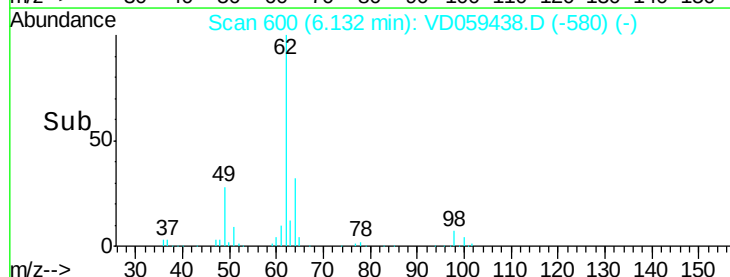
Ion Ratio Lower Upper

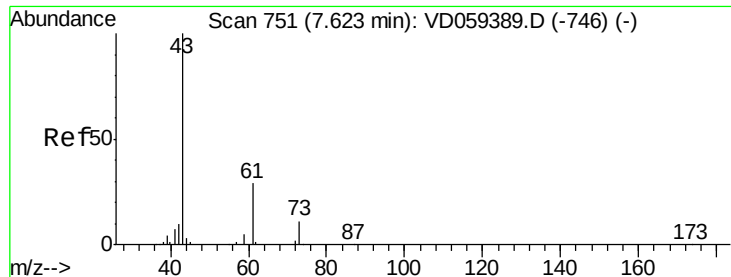
62 100

98 7.4 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 42.08 ug/l

RT: 7.61 min Scan# 750

Delta R.T. -0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

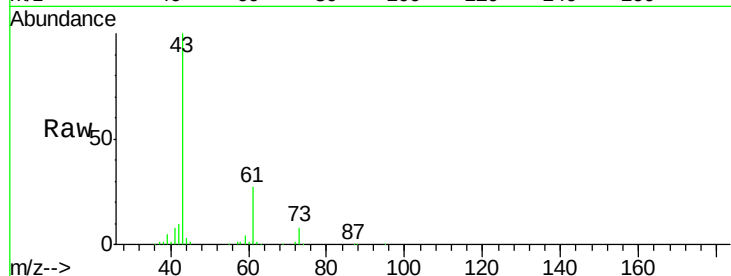
Tot Ion: 43 Resp: 377623

Ion Ratio Lower Upper

43 100

61 27.3 23.1 34.7

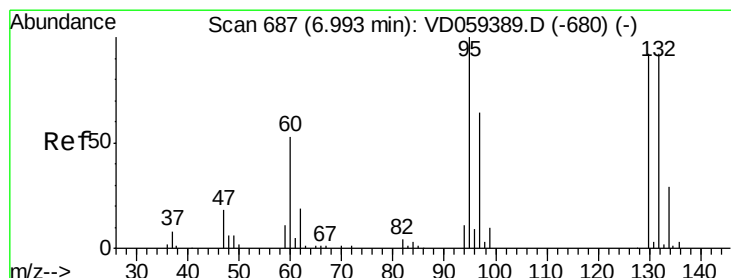
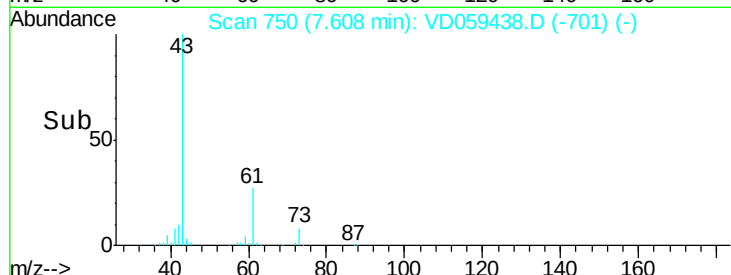
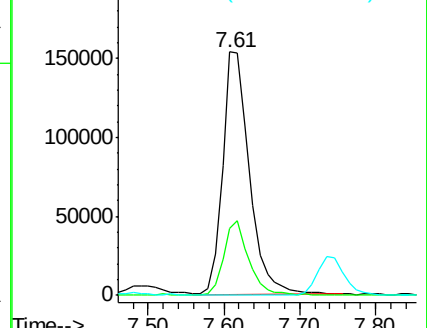
87 0.4 0.2 0.4#



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: 45.99 ug/l

RT: 6.98 min Scan# 686

Delta R.T. -0.01 min

Lab File: VD059438.D

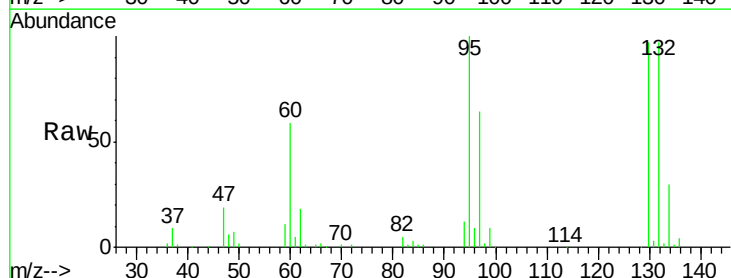
Acq: 27 Jun 2018 11:46

Tgt Ion:130 Resp: 424045

Ion Ratio Lower Upper

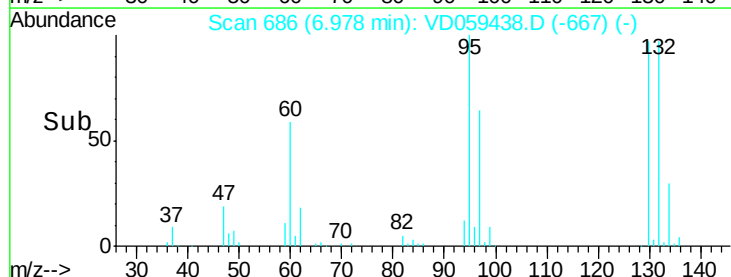
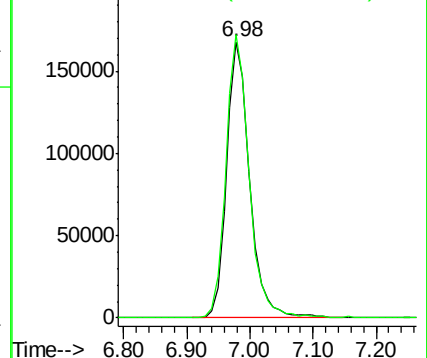
130 100

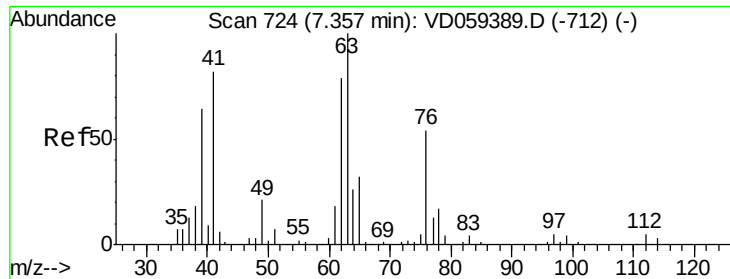
95 102.6 0.0 216.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

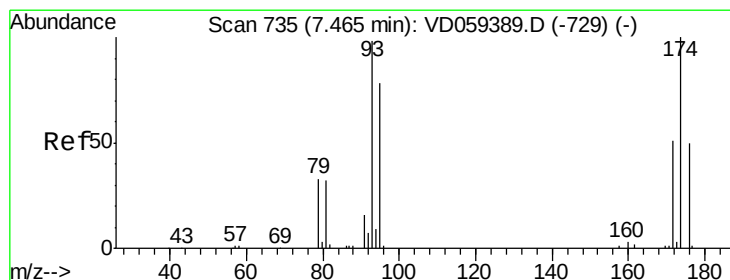
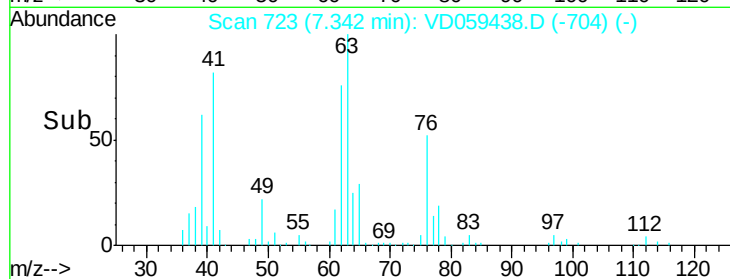
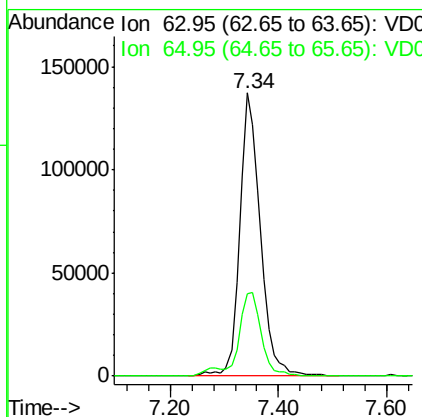
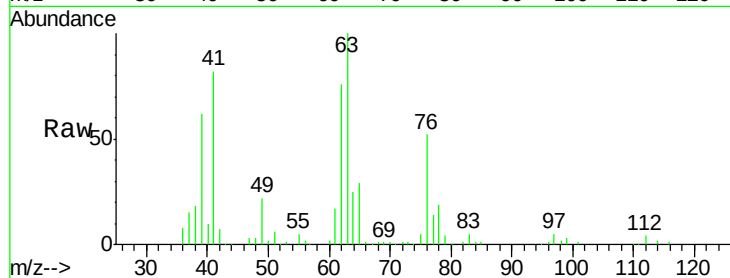




#45  
 1,2-Dichloropropane  
 Concen: 46.65 ug/l  
 RT: 7.34 min Scan# 723  
 Delta R.T. -0.01 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

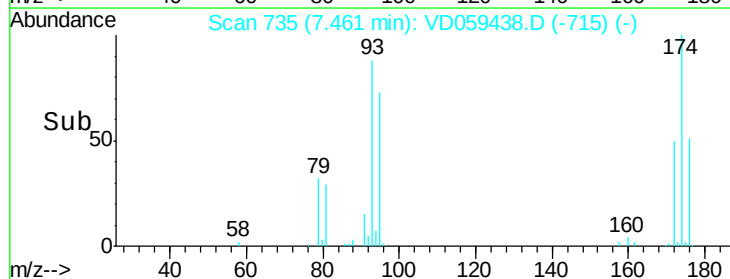
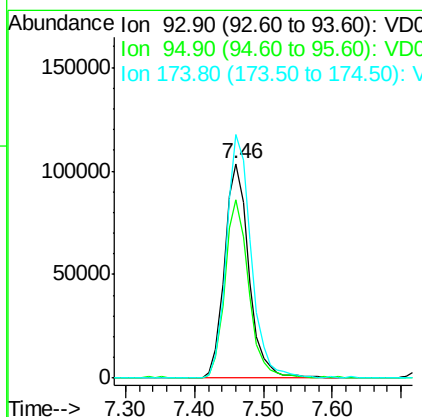
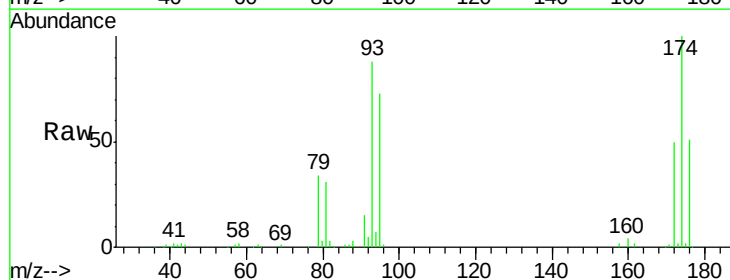
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

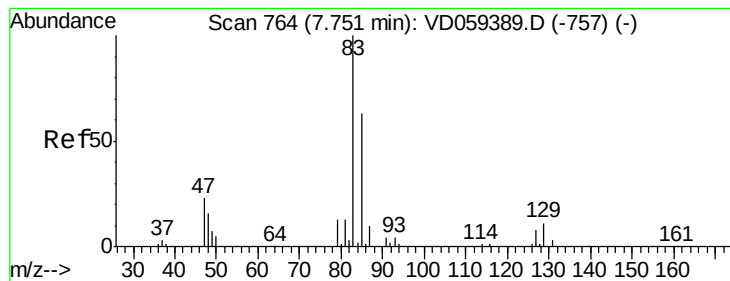
Tot Ion: 63 Resp: 363893  
 Ion Ratio Lower Upper  
 63 100  
 65 29.1 25.7 38.5



#46  
 Dibromomethane  
 Concen: 45.29 ug/l  
 RT: 7.46 min Scan# 735  
 Delta R.T. -0.00 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Tgt Ion: 93 Resp: 254052  
 Ion Ratio Lower Upper  
 93 100  
 95 82.9 63.4 95.0  
 174 113.5 81.4 122.2





#47

Bromodichloromethane

Concen: 49.41 ug/l

RT: 7.74 min Scan# 763

Delta R.T. -0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

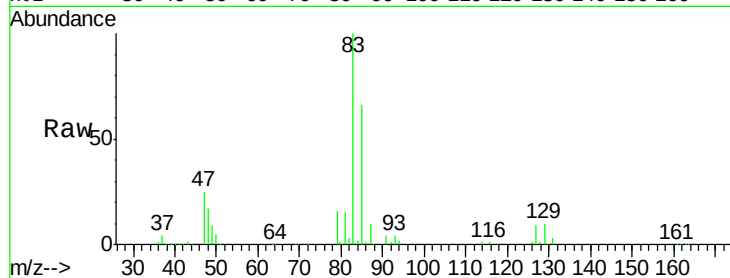
Tot Ion: 83 Resp: 620207

Ion Ratio Lower Upper

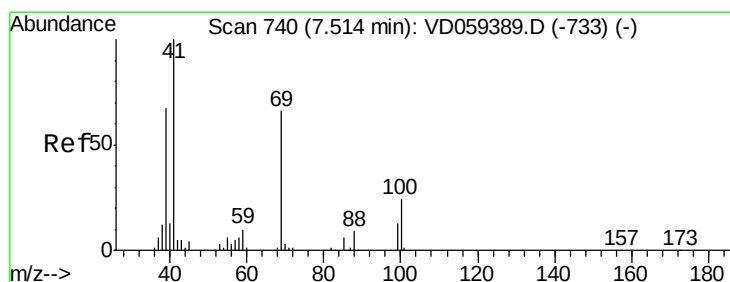
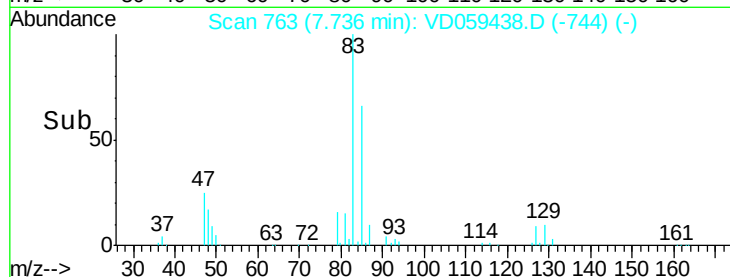
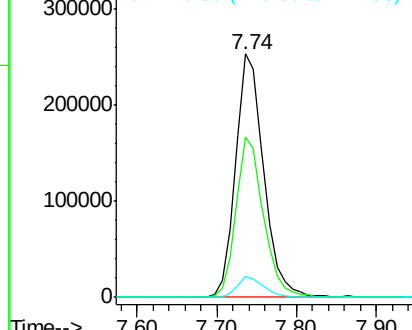
83 100

85 66.0 50.1 75.1

127 8.5 6.1 9.1



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



#48

Methyl methacrylate

Concen: 43.11 ug/l

RT: 7.50 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

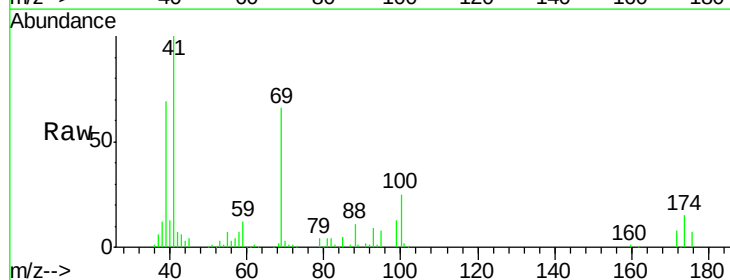
Tgt Ion: 41 Resp: 235712

Ion Ratio Lower Upper

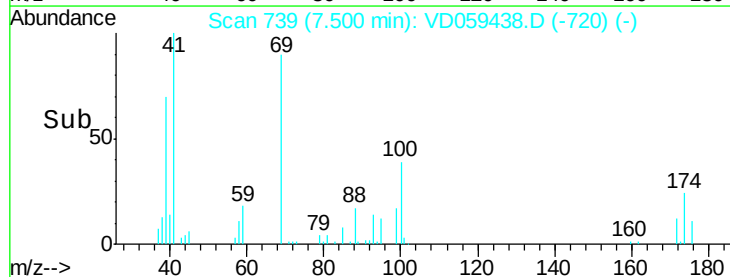
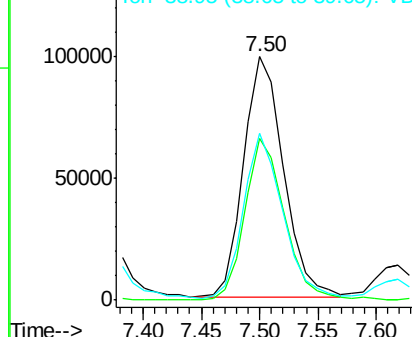
41 100

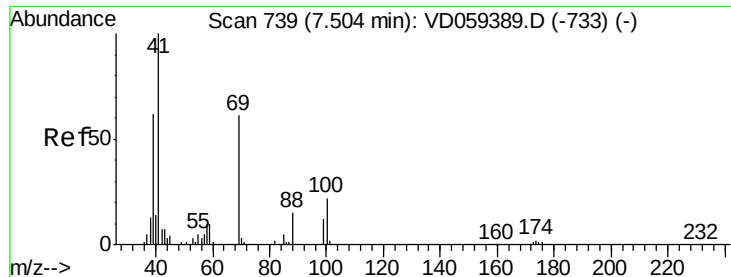
69 66.5 52.6 79.0

39 68.6 53.6 80.4



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: 839.28 ug/l

RT: 7.48 min Scan# 737

Delta R.T. -0.02 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

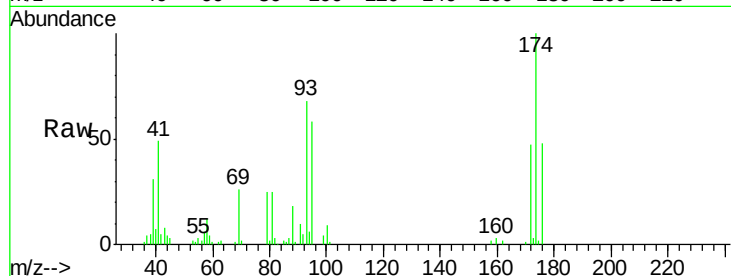
Tot Ion: 88 Resp: 46024

Ion Ratio Lower Upper

88 100

43 47.1 41.0 61.4

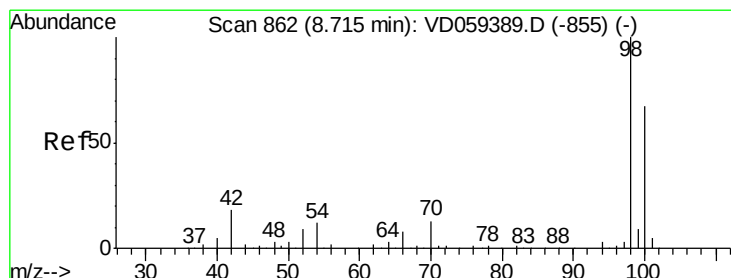
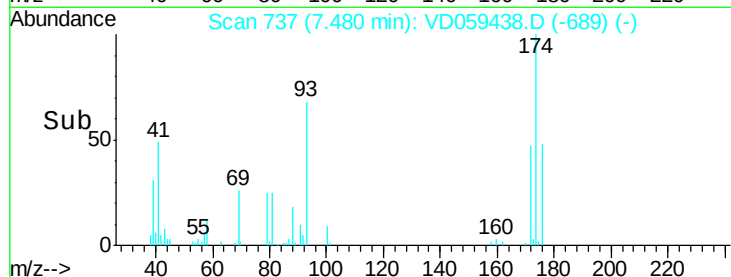
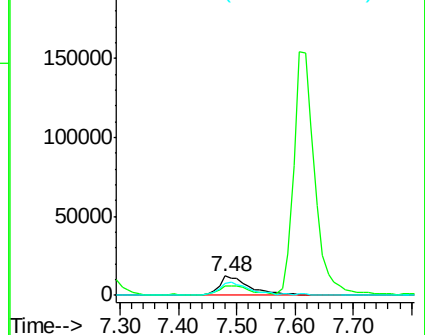
58 64.2 53.4 80.0



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: 839.28 ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD059438.D

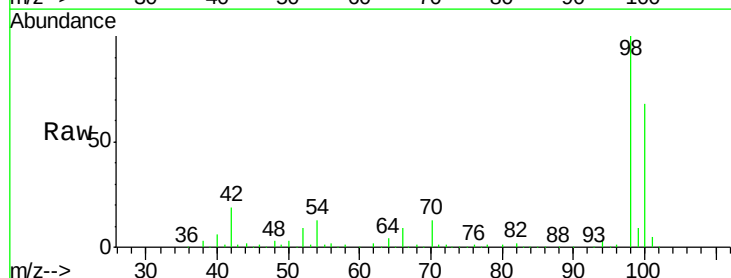
Acq: 27 Jun 2018 11:46

Tgt Ion: 98 Resp: 1057613

Ion Ratio Lower Upper

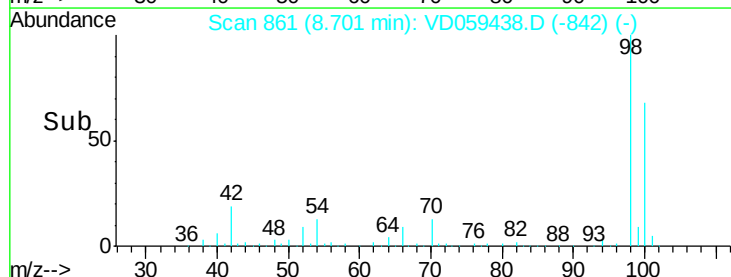
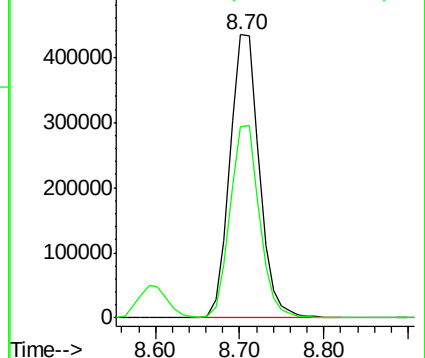
98 100

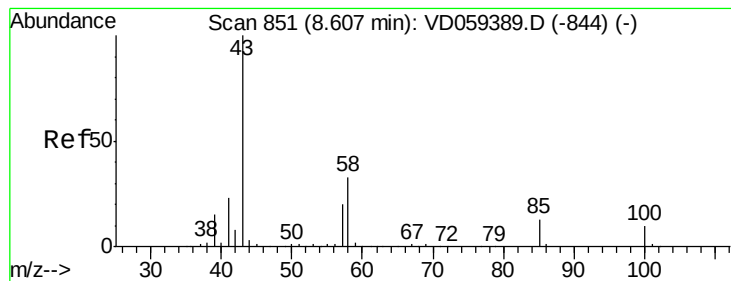
100 67.7 54.4 81.6



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: 209.93 ug/l

RT: 8.59 min Scan# 850

Delta R.T. -0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

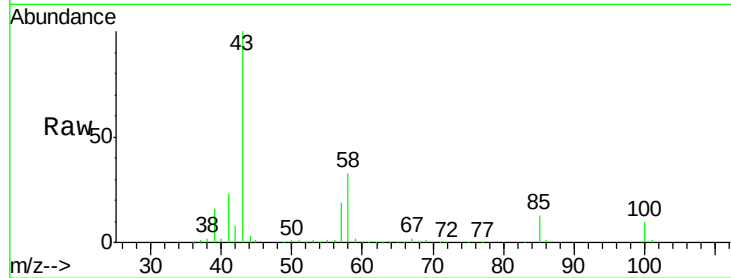
VSTDCCC050

Tot Ion: 43 Resp: 125524

Ion Ratio Lower Upper

43 100

58 32.9 26.3 39.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8.59

500000

400000

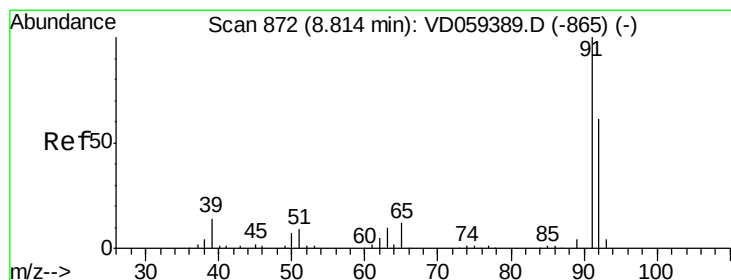
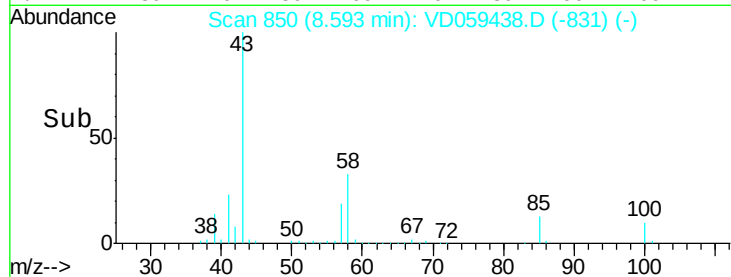
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 43.48 ug/l

RT: 8.80 min Scan# 871

Delta R.T. -0.01 min

Lab File: VD059438.D

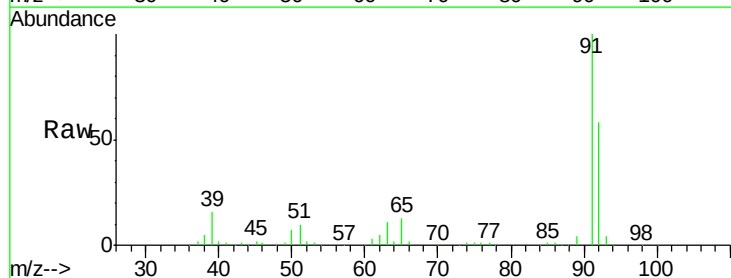
Acq: 27 Jun 2018 11:46

Tgt Ion: 92 Resp: 731323

Ion Ratio Lower Upper

92 100

91 171.6 132.2 198.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

8.80

600000

500000

400000

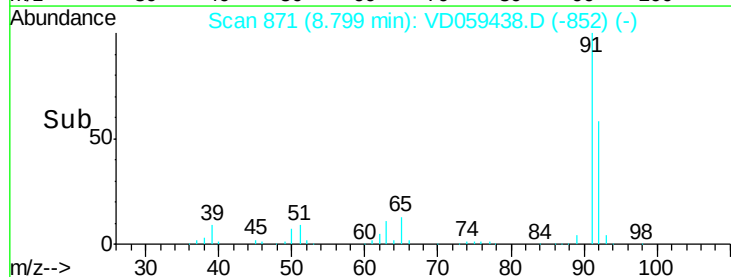
300000

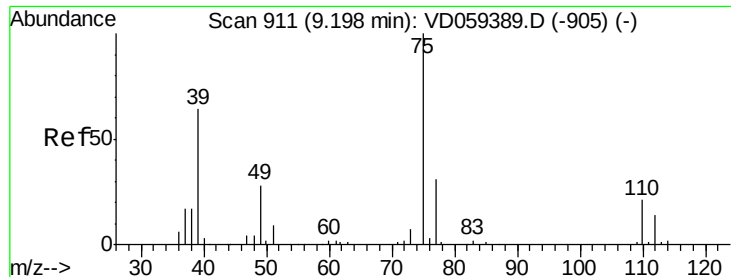
200000

100000

0

Time-->

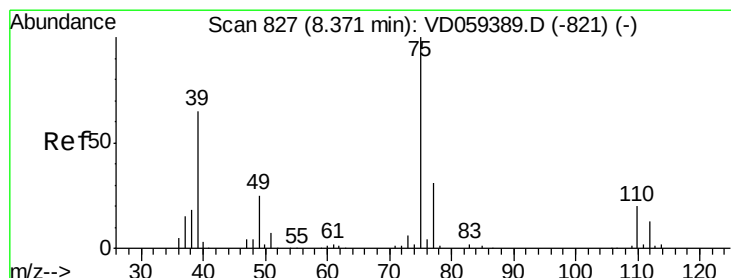
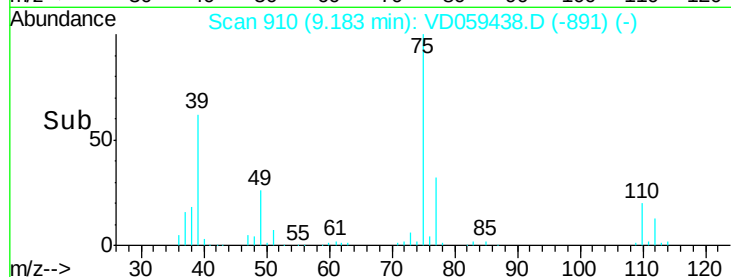
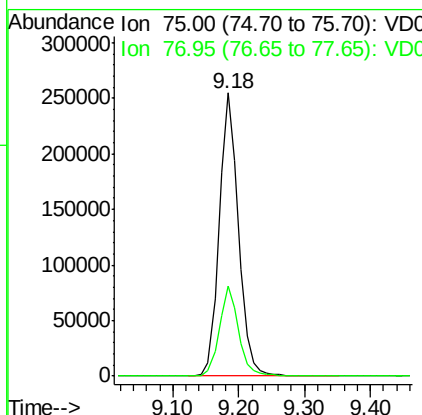
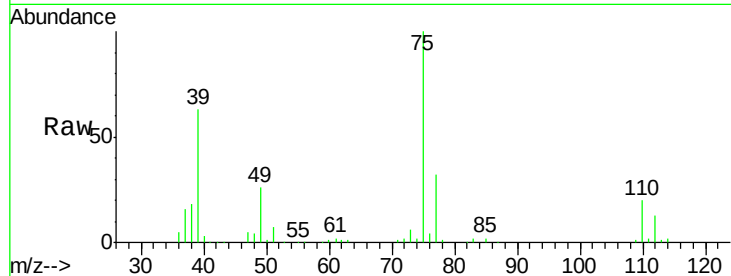




#53  
 t-1,3-Dichloropropene  
 Concen: 49.34 ug/l  
 RT: 9.18 min Scan# 910  
 Delta R.T. -0.01 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

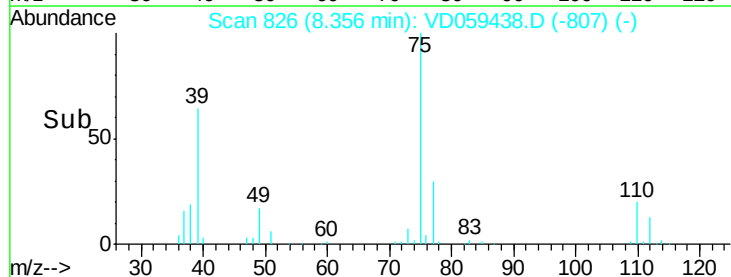
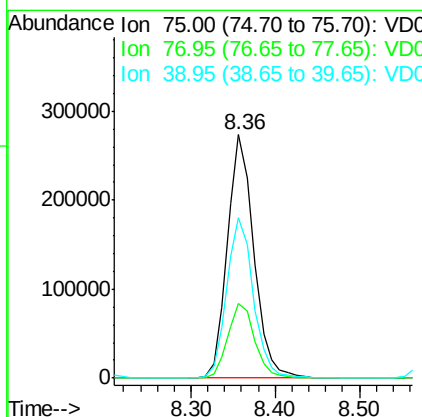
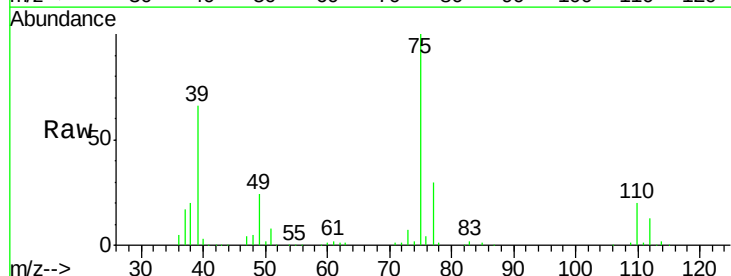
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

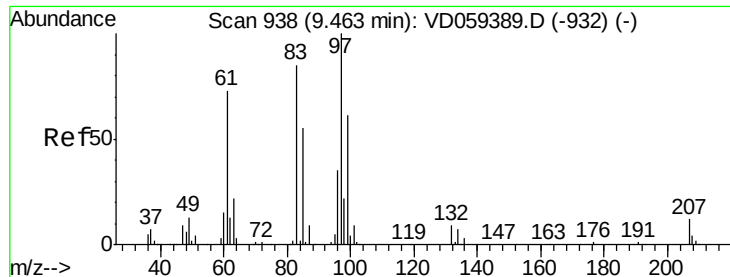
Tot Ion: 75 Resp: 517485  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 24.6 37.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.35 ug/l  
 RT: 8.36 min Scan# 826  
 Delta R.T. -0.01 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Tgt Ion: 75 Resp: 599347  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 24.7 37.1  
 39 65.9 52.2 78.4





#55

1,1,2-Trichloroethane

Concen: 44.95 ug/l

RT: 9.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 274497

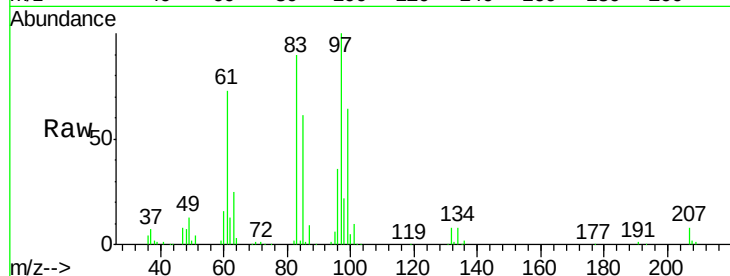
Ion Ratio Lower Upper

97 100

83 90.2 67.7 101.5

85 61.0 44.3 66.5

99 64.3 48.6 73.0

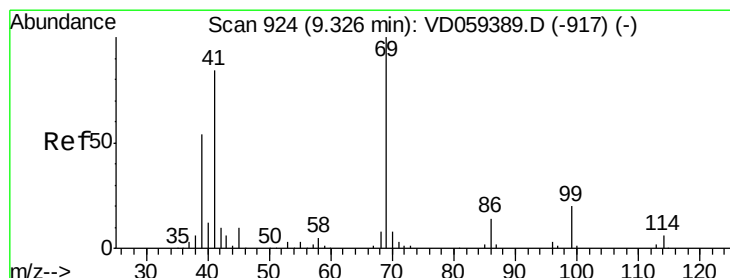
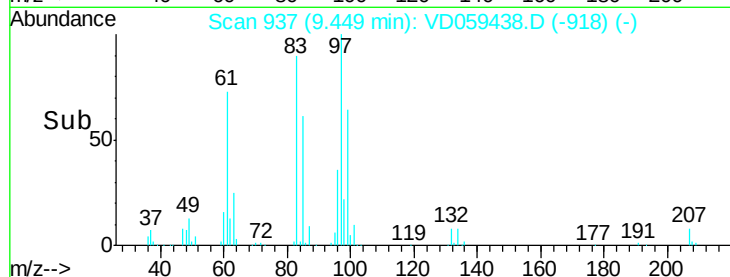
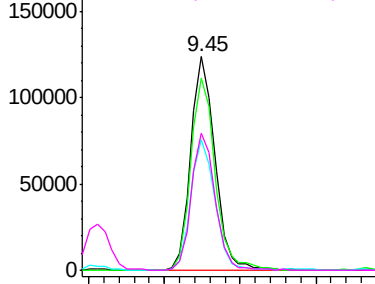


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 44.22 ug/l

RT: 9.31 min Scan# 923

Delta R.T. -0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

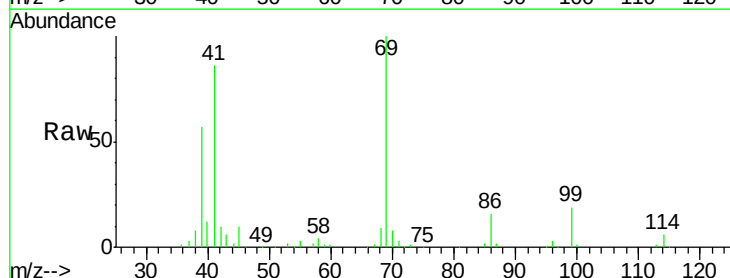
Tgt Ion: 69 Resp: 308091

Ion Ratio Lower Upper

69 100

41 85.9 67.4 101.0

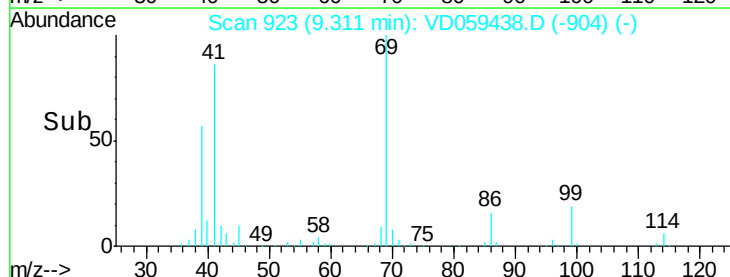
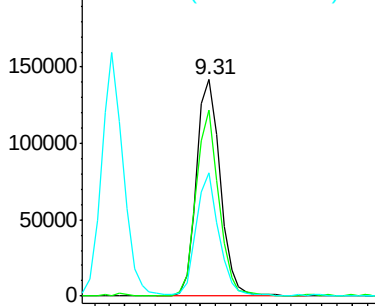
39 57.2 43.7 65.5



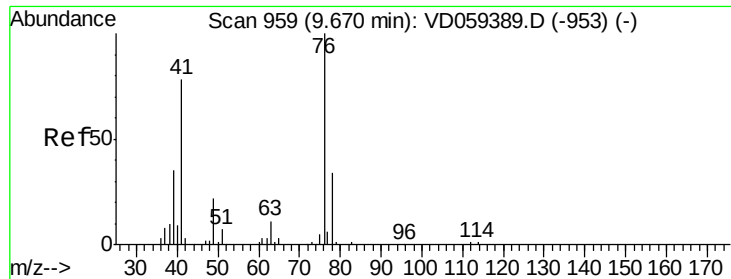
Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC



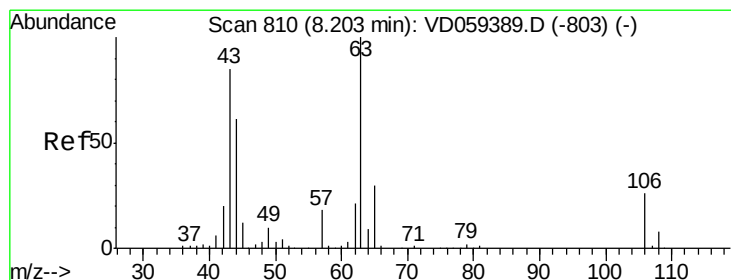
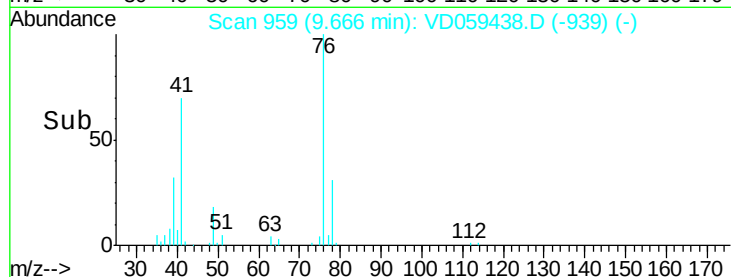
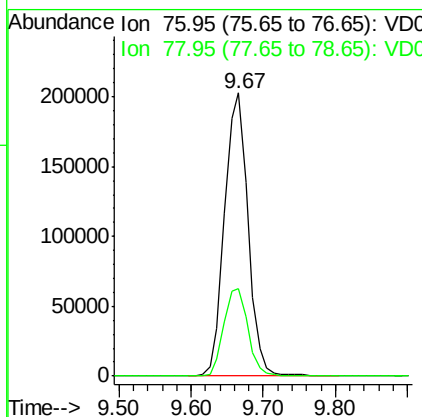
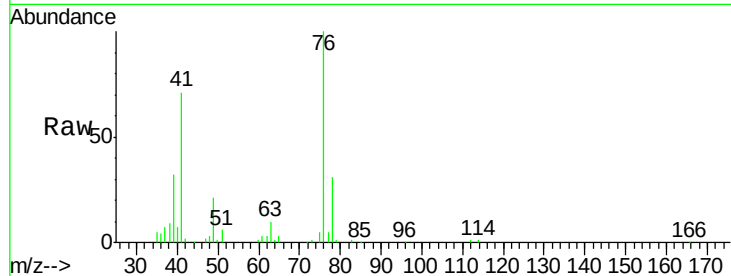




#57  
 1,3-Dichloropropane  
 Concen: 45.85 ug/l  
 RT: 9.67 min Scan# 959  
 Delta R.T. -0.00 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

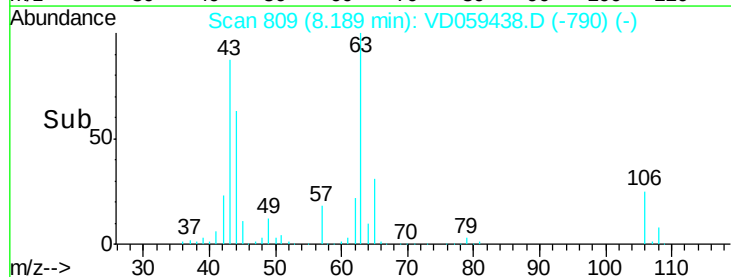
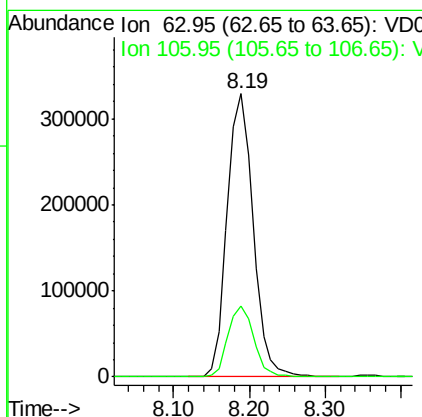
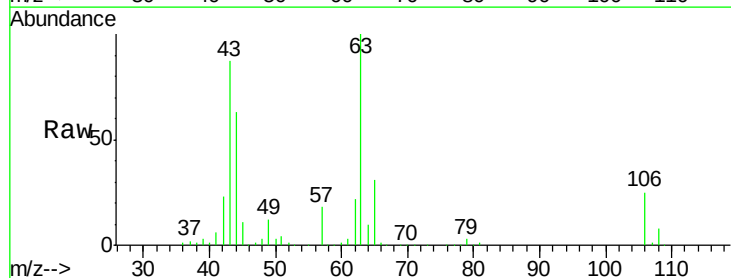
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

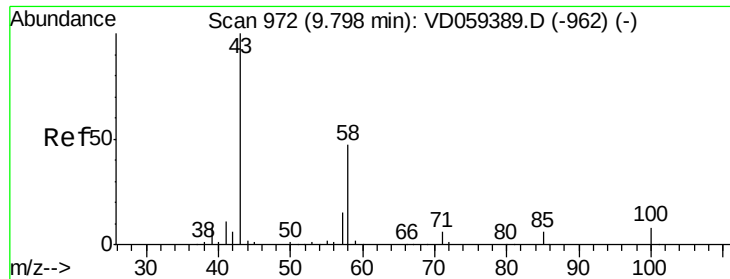
Tot Ion: 76 Resp: 457912  
 Ion Ratio Lower Upper  
 76 100  
 78 31.0 26.8 40.2



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 219.26 ug/l  
 RT: 8.19 min Scan# 809  
 Delta R.T. -0.01 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Tgt Ion: 63 Resp: 786489  
 Ion Ratio Lower Upper  
 63 100  
 106 25.0 20.6 31.0

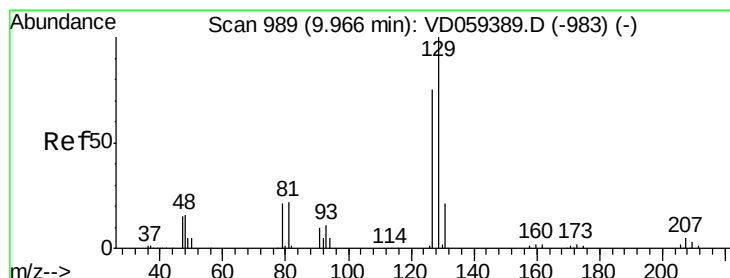
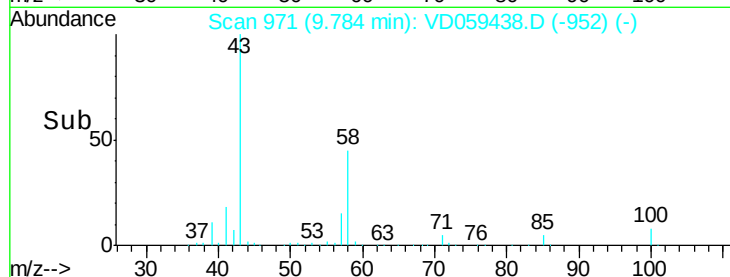
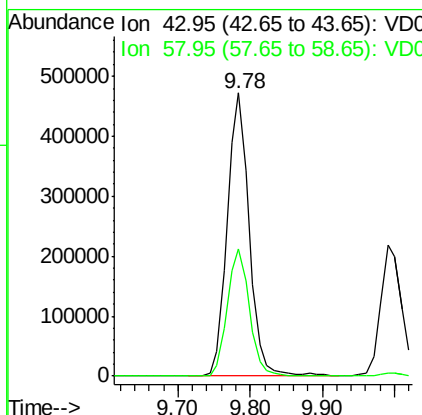
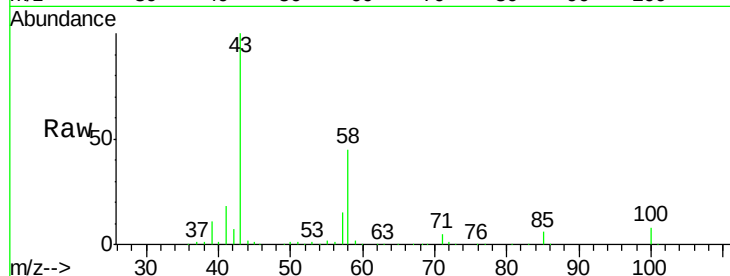




#59  
2-Hexanone  
Concen: 234.66 ug/l  
RT: 9.78 min Scan# 971  
Delta R.T. -0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

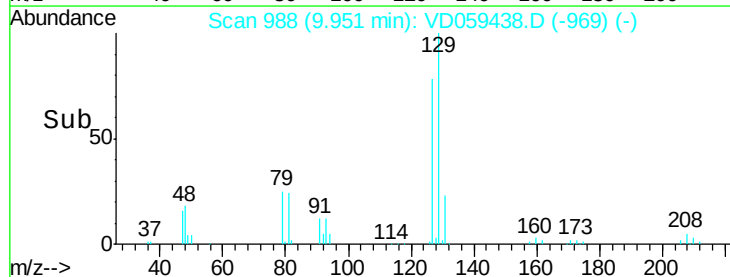
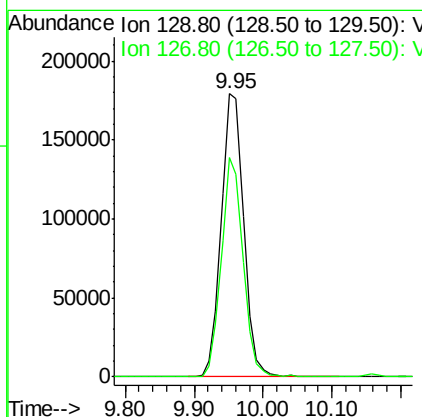
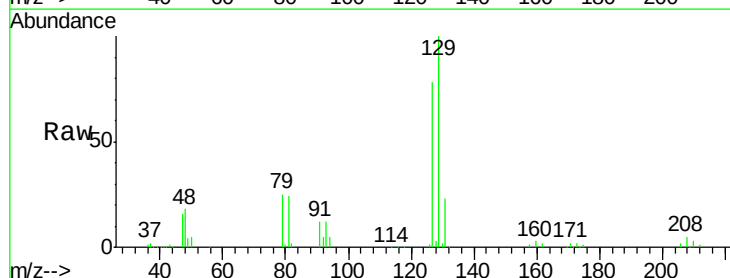
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

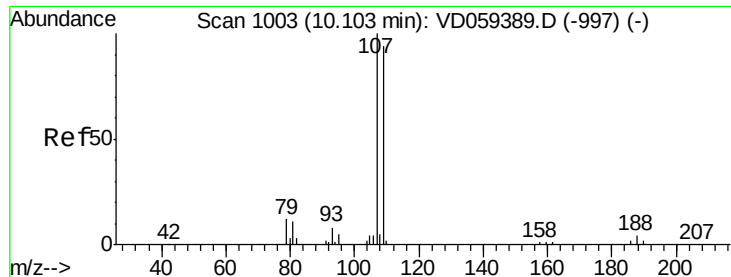
Tot Ion: 43 Resp: 997447  
Ion Ratio Lower Upper  
43 100  
58 45.1 23.3 69.9



#60  
Dibromochloromethane  
Concen: 47.45 ug/l  
RT: 9.95 min Scan# 988  
Delta R.T. -0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Tgt Ion:129 Resp: 405721  
Ion Ratio Lower Upper  
129 100  
127 77.5 37.3 111.8





#61

1,2-Dibromoethane

Concen: 44.96 ug/l

RT: 10.09 min Scan# 1002

Delta R.T. -0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

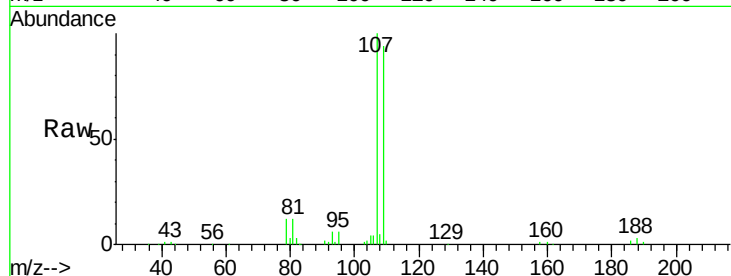
VSTDCCC050

Tot Ion:107 Resp: 305728

Ion Ratio Lower Upper

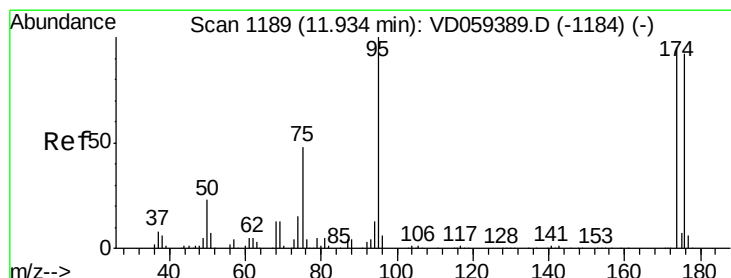
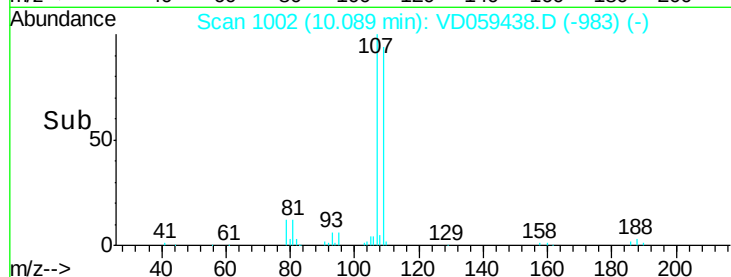
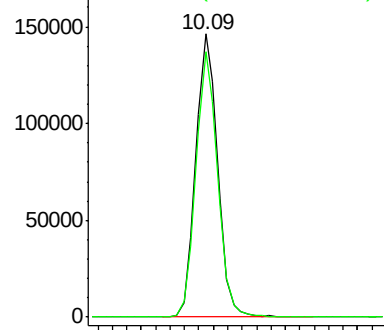
107 100

109 93.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 44.96 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

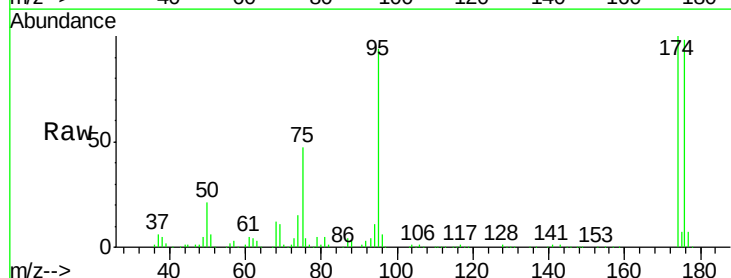
Tgt Ion: 95 Resp: 474122

Ion Ratio Lower Upper

95 100

174 106.1 0.0 190.4

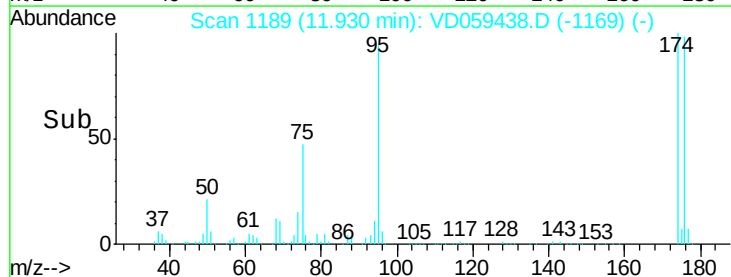
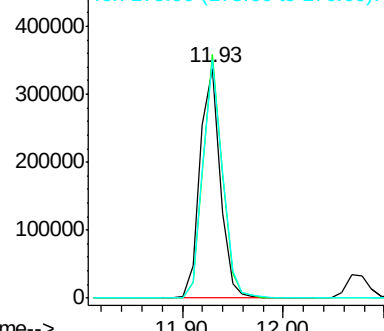
176 104.0 0.0 183.2

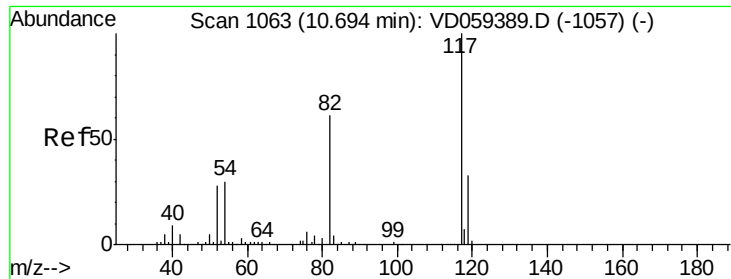


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

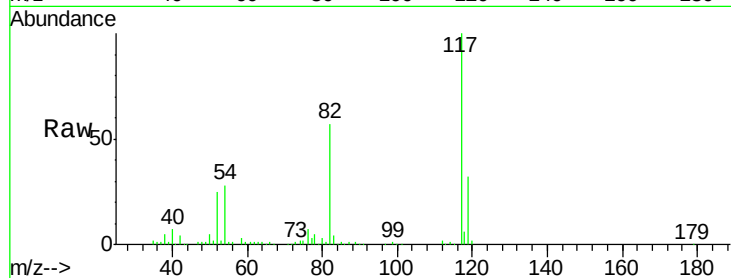




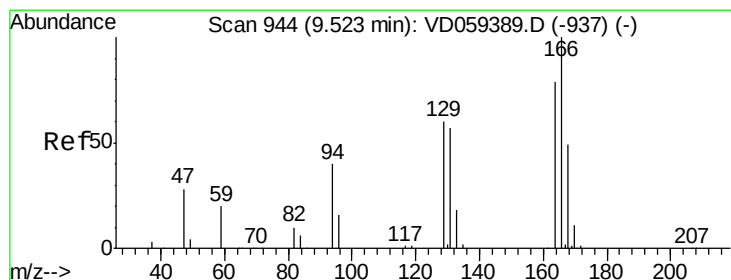
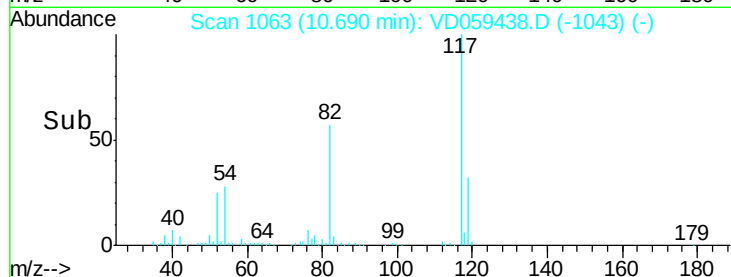
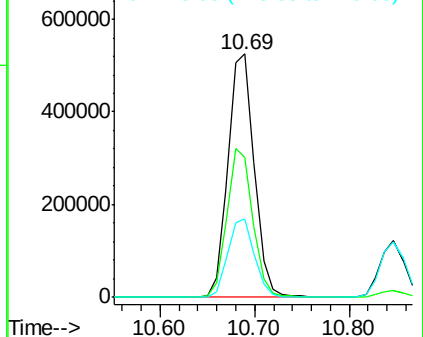
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.69 min Scan# 1063  
Delta R.T. -0.00 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:117 Resp: 1012315  
Ion Ratio Lower Upper  
117 100  
82 57.4 49.0 73.6  
119 32.3 26.2 39.4

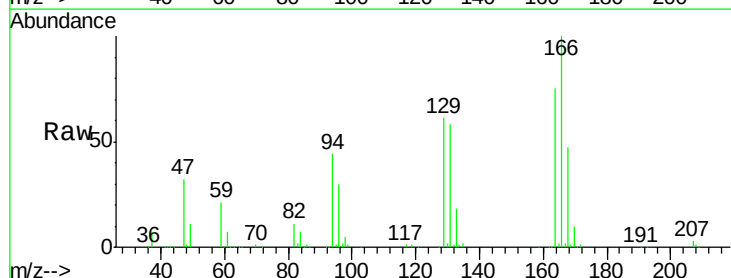


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

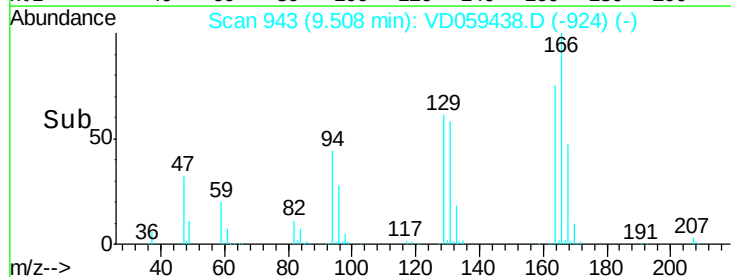
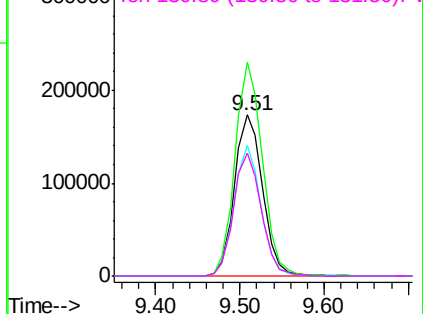


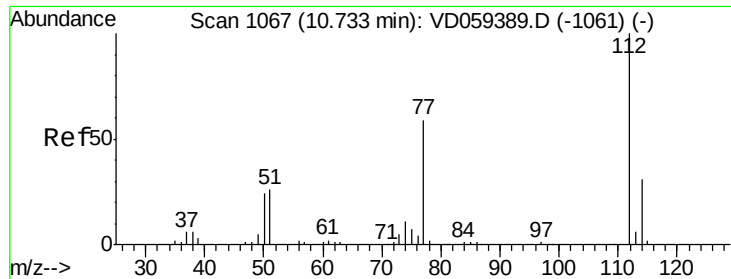
#64  
Tetrachloroethene  
Concen: 45.37 ug/l  
RT: 9.51 min Scan# 943  
Delta R.T. -0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Tgt Ion:164 Resp: 402942  
Ion Ratio Lower Upper  
164 100  
166 132.8 101.4 152.2  
129 80.9 60.9 91.3  
131 76.5 58.2 87.4



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

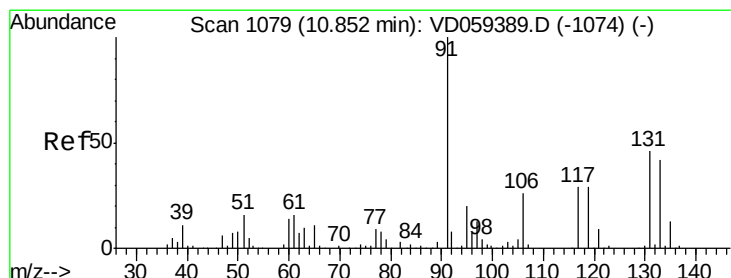
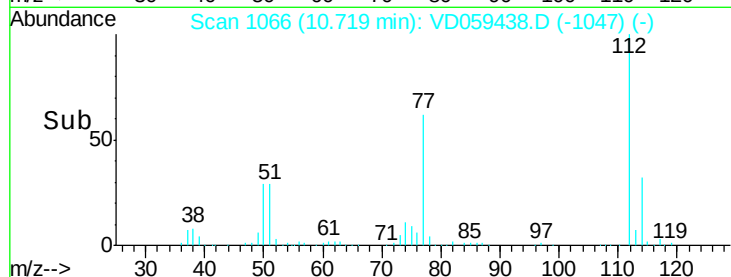
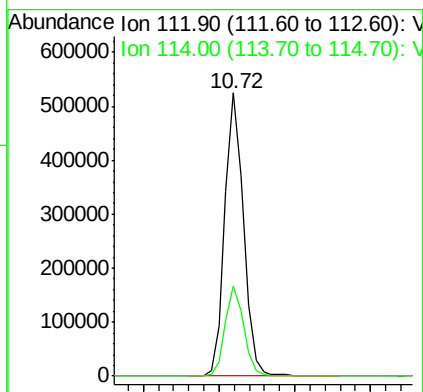
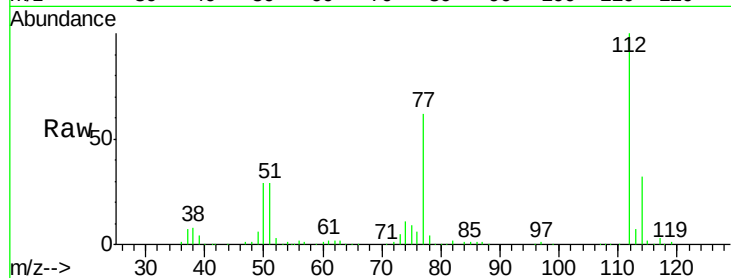




#65  
Chlorobenzene  
Concen: 48.72 ug/l  
RT: 10.72 min Scan# 1066  
Delta R.T. -0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

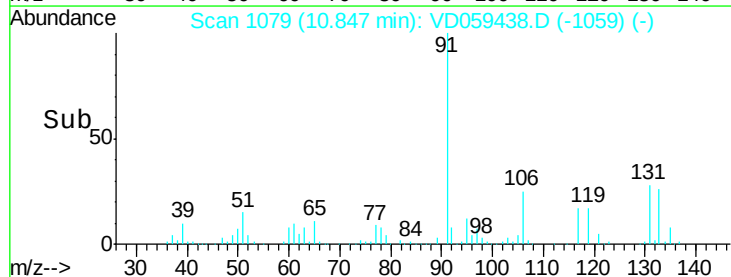
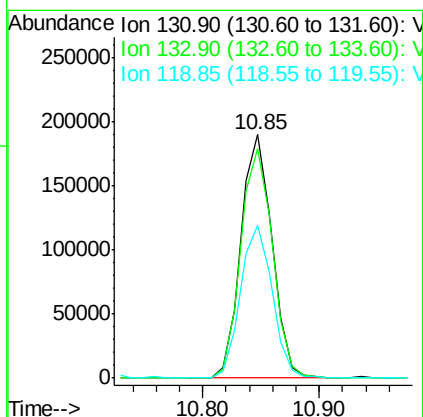
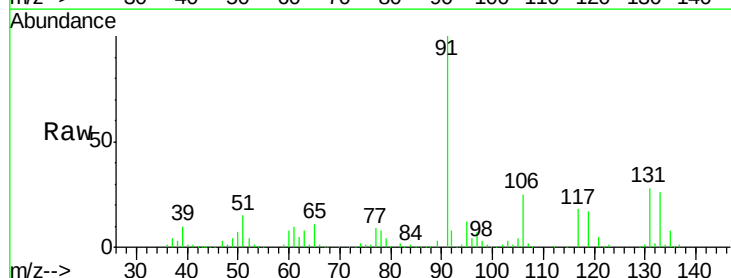
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

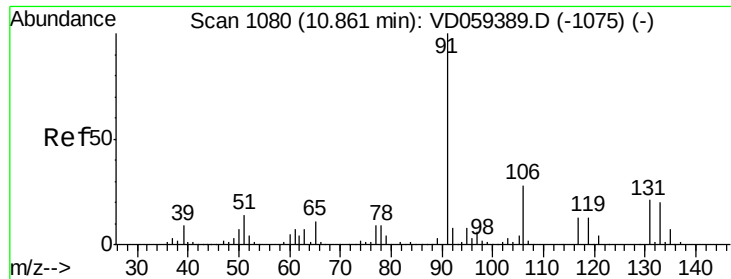
Tot Ion:112 Resp: 901911  
Ion Ratio Lower Upper  
112 100  
114 31.7 24.6 37.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.57 ug/l  
RT: 10.85 min Scan# 1079  
Delta R.T. -0.00 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Tgt Ion:131 Resp: 352213  
Ion Ratio Lower Upper  
131 100  
133 94.2 45.7 137.1  
119 62.6 32.3 96.9

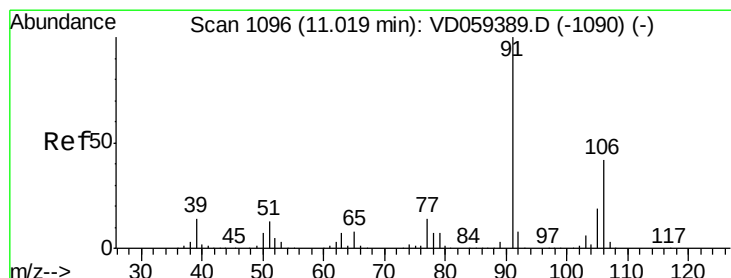
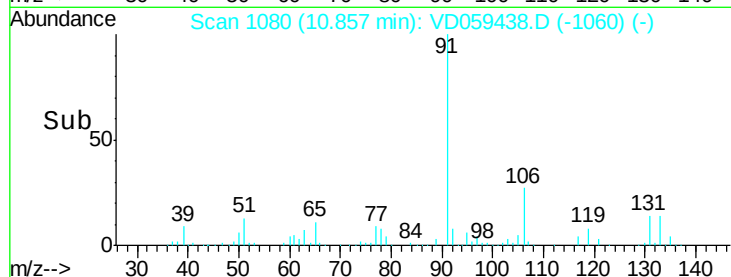
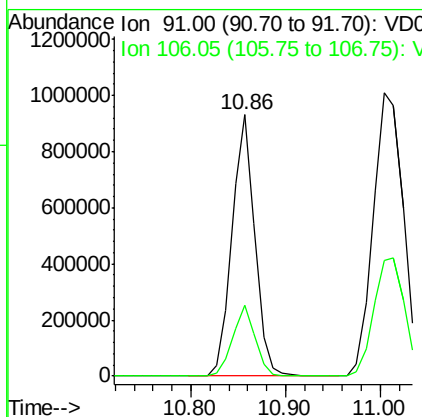
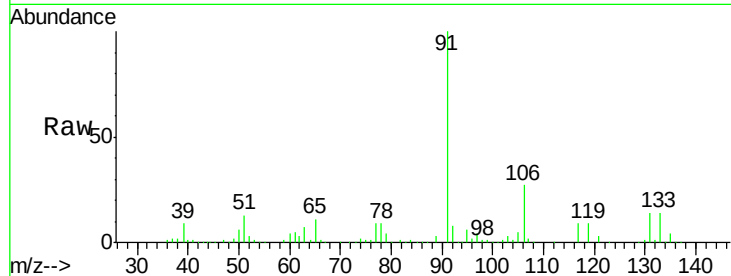




#67  
Ethyl Benzene  
Concen: 49.72 ug/l  
RT: 10.86 min Scan# 1080  
Delta R.T. -0.00 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

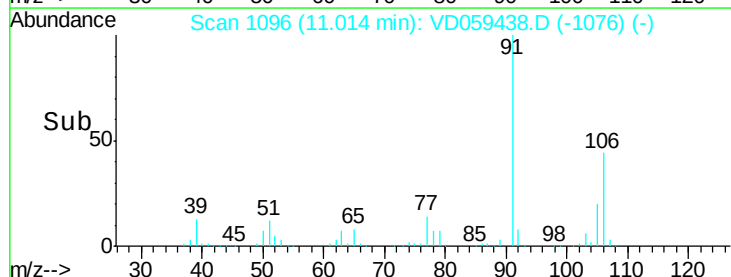
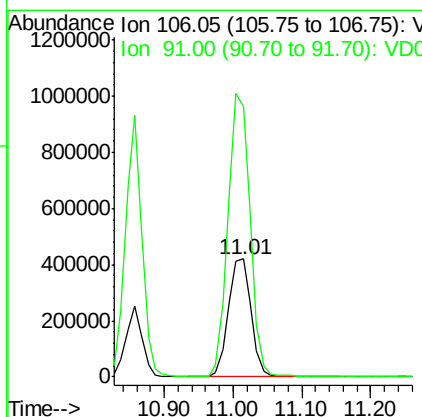
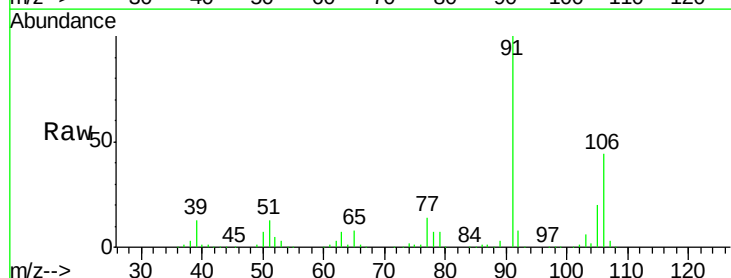
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

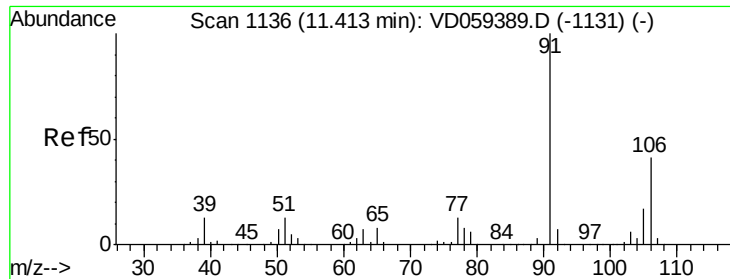
Tot Ion: 91 Resp: 1552940  
Ion Ratio Lower Upper  
91 100  
106 27.4 22.3 33.5



#68  
m/p-Xylenes  
Concen: 92.61 ug/l  
RT: 11.01 min Scan# 1096  
Delta R.T. -0.00 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Tgt Ion: 106 Resp: 959686  
Ion Ratio Lower Upper  
106 100  
91 229.5 191.0 286.6

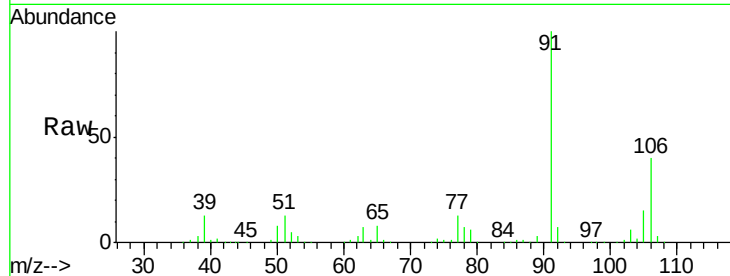




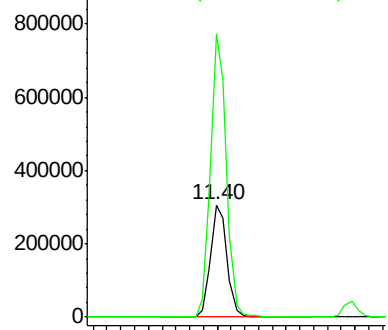
#69  
o-Xylene  
Concen: 49.25 ug/l  
RT: 11.40 min Scan# 1135  
Delta R.T. -0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

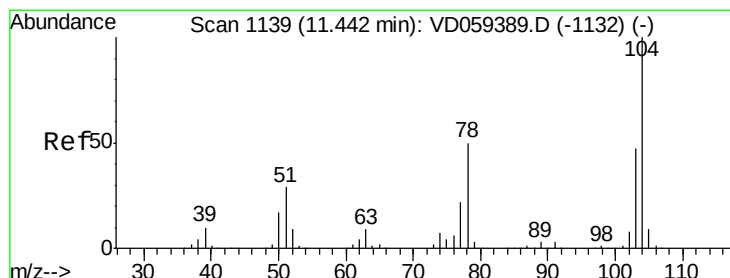
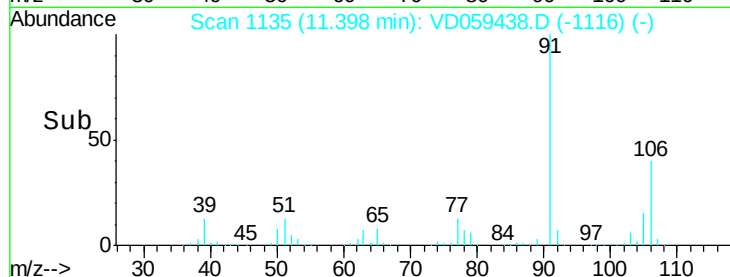
Tot Ion:106 Resp: 504559  
Ion Ratio Lower Upper  
106 100  
91 251.8 121.0 362.8



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

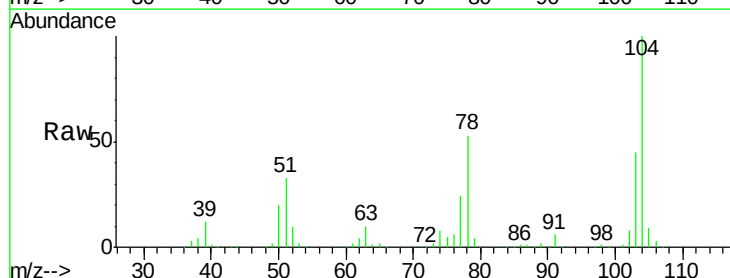


Time-->

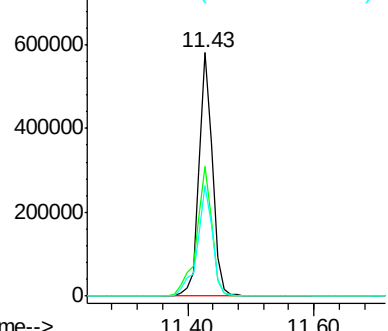


#70  
Styrene  
Concen: 48.72 ug/l  
RT: 11.43 min Scan# 1138  
Delta R.T. -0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

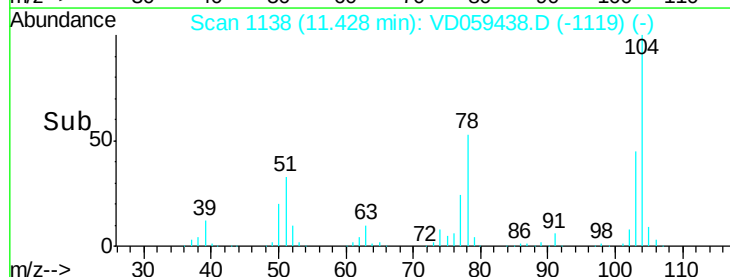
Tgt Ion:104 Resp: 855659  
Ion Ratio Lower Upper  
104 100  
78 53.4 40.2 60.4  
103 45.5 37.8 56.8

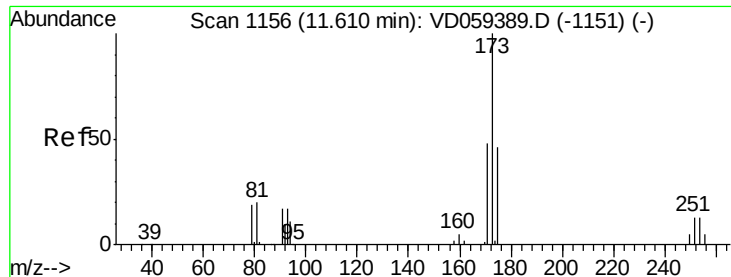


Abundance Ion 104.05 (103.75 to 104.75): V  
Ion 77.95 (77.65 to 78.65): VDC  
Ion 103.05 (102.75 to 103.75): V



Time-->

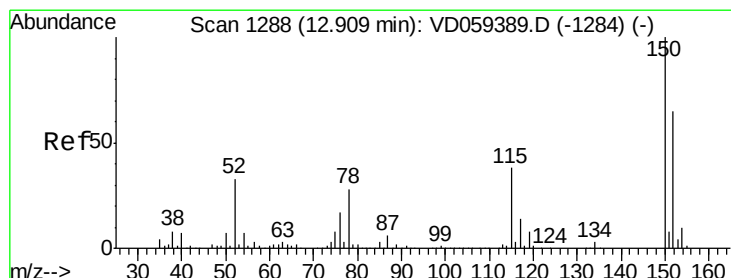
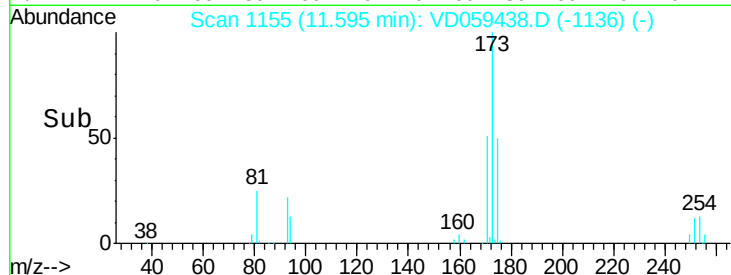
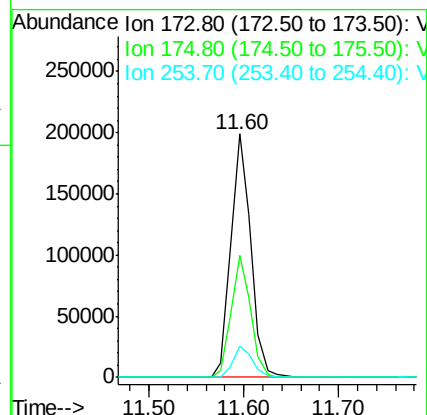
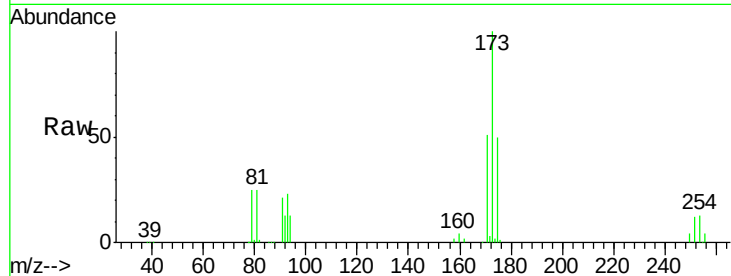




#71  
Bromoform  
Concen: 49.18 ug/l  
RT: 11.60 min Scan# 1155  
Delta R.T. -0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

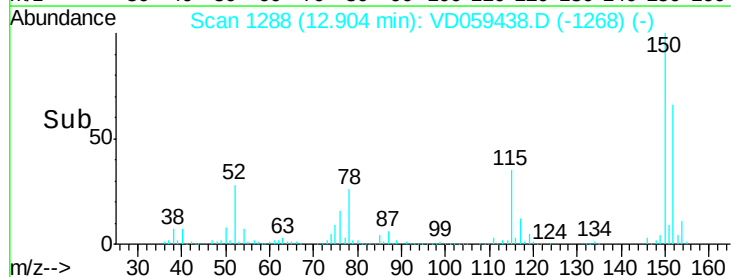
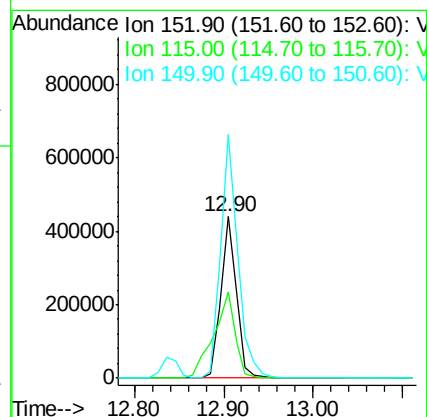
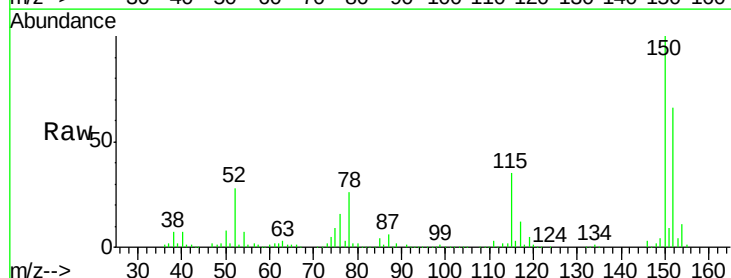
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:173 Resp: 289505  
Ion Ratio Lower Upper  
173 100  
175 50.0 22.8 68.4  
254 13.0 10.1 15.1

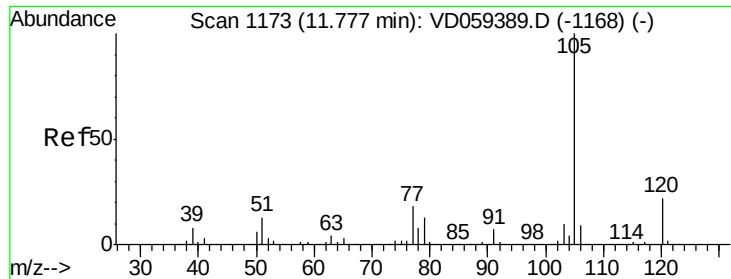


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.90 min Scan# 1288  
Delta R.T. -0.00 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Tgt Ion:152 Resp: 533577  
Ion Ratio Lower Upper  
152 100  
115 53.4 29.4 88.3  
150 150.9 0.0 308.2







#73

Isopropylbenzene

Concen: 48.20 ug/l

RT: 11.77 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

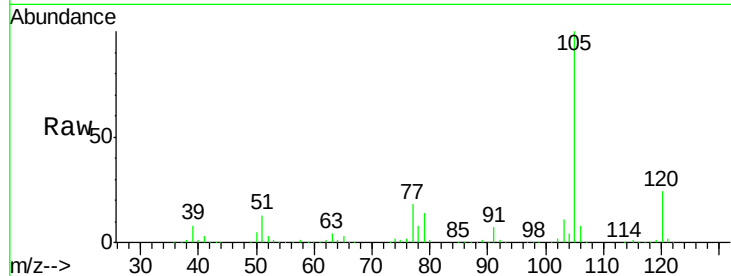
VSTDCCC050

Tot Ion:105 Resp: 1451455

Ion Ratio Lower Upper

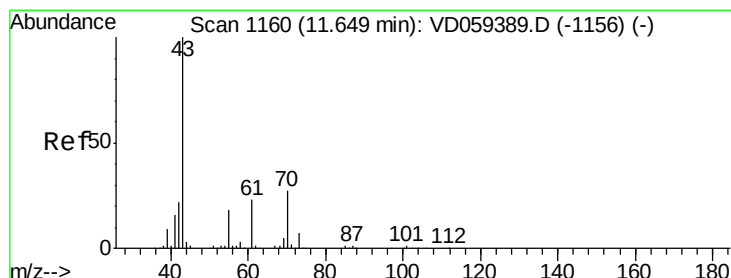
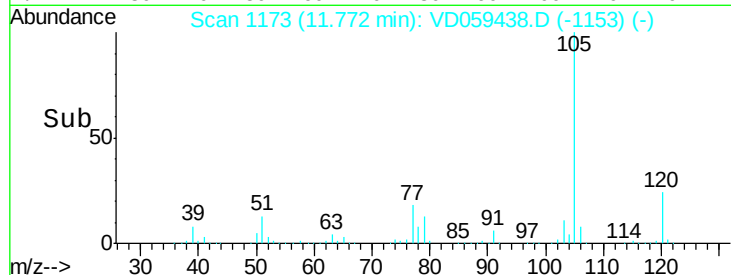
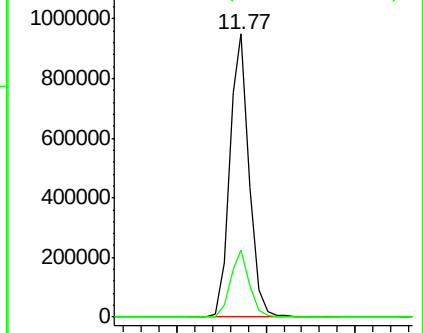
105 100

120 23.7 11.0 33.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 43.65 ug/l

RT: 11.64 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Tgt Ion: 43 Resp: 500022

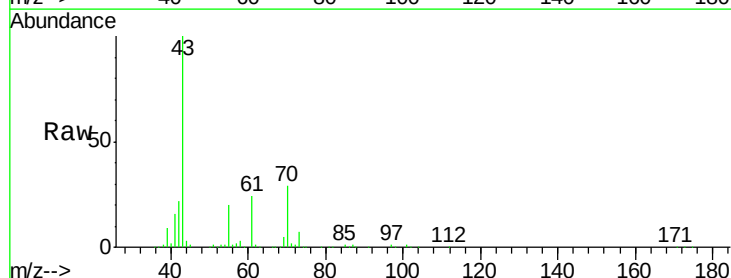
Ion Ratio Lower Upper

43 100

70 29.0 21.7 32.5

55 19.5 14.6 22.0

61 23.6 18.0 27.0

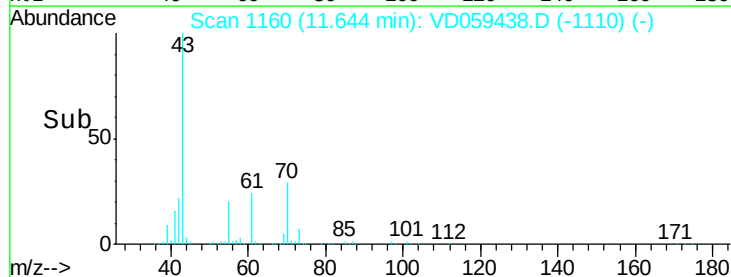
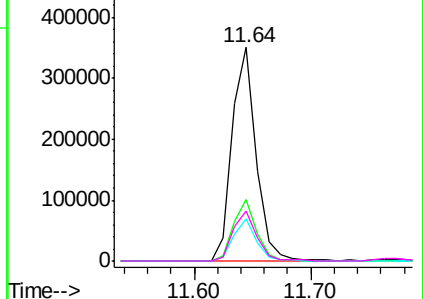


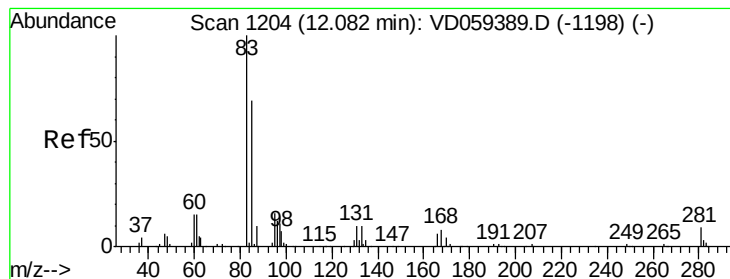
Abundance Ion 42.95 (42.65 to 43.65): V

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: 46.56 ug/l

RT: 12.07 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

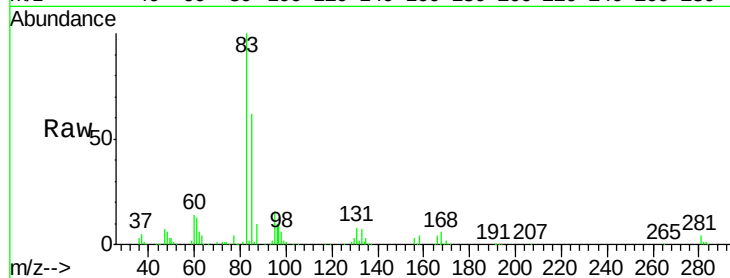
Tot Ion: 83 Resp: 328939

Ion Ratio Lower Upper

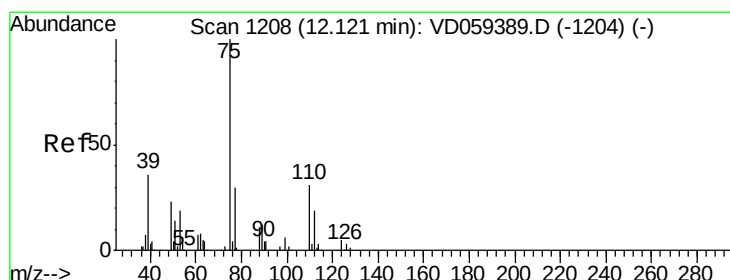
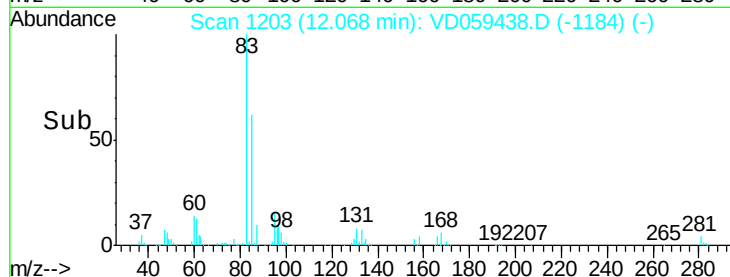
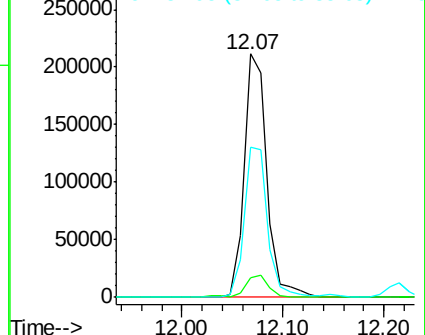
83 100

131 8.0 4.9 14.6

85 61.6 34.6 103.8



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: 47.34 ug/l

RT: 12.11 min Scan# 1207

Delta R.T. -0.01 min

Lab File: VD059438.D

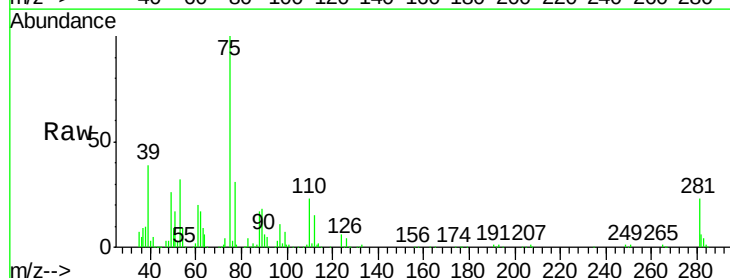
Acq: 27 Jun 2018 11:46

Tgt Ion: 75 Resp: 348444

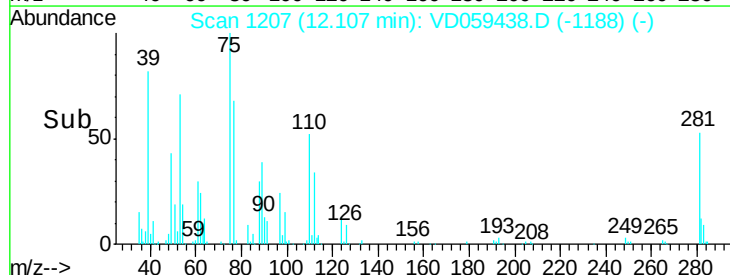
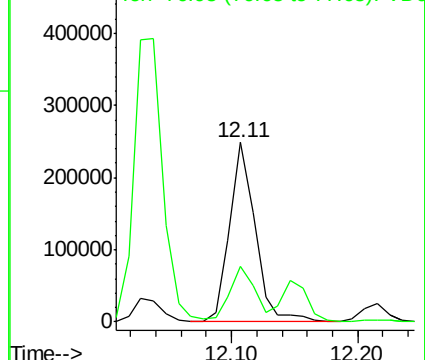
Ion Ratio Lower Upper

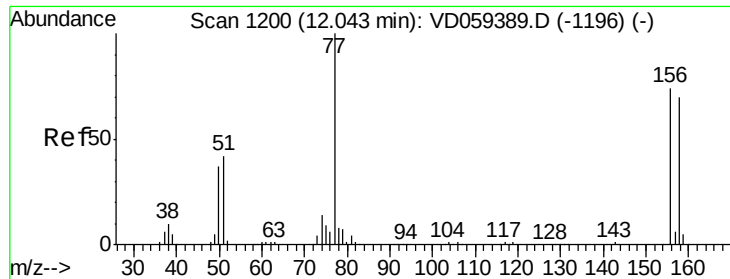
75 100

77 31.0 15.6 46.8



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 49.09 ug/l

RT: 12.04 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

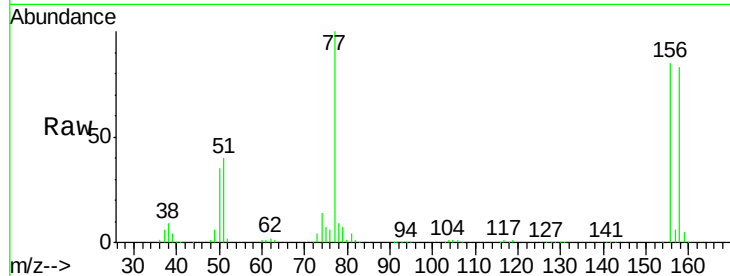
Tot Ion:156 Resp: 465243

Ion Ratio Lower Upper

156 100

77 117.0 68.0 203.8

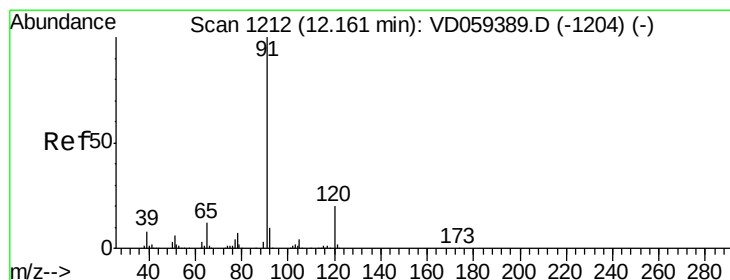
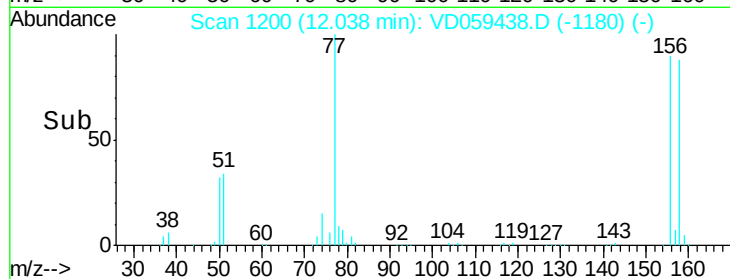
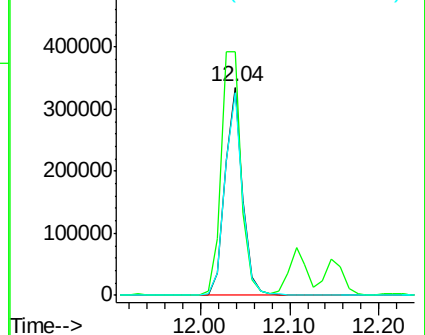
158 97.3 47.7 143.1



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: 48.61 ug/l

RT: 12.15 min Scan# 1211

Delta R.T. -0.01 min

Lab File: VD059438.D

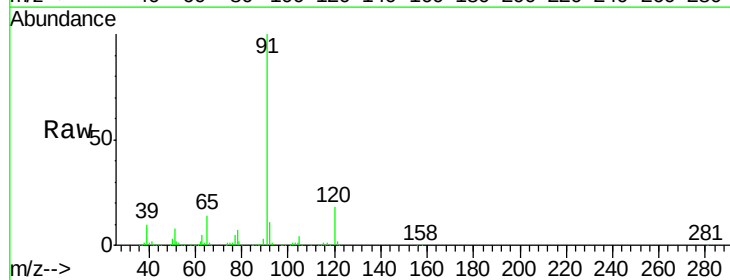
Acq: 27 Jun 2018 11:46

Tgt Ion: 91 Resp: 1853801

Ion Ratio Lower Upper

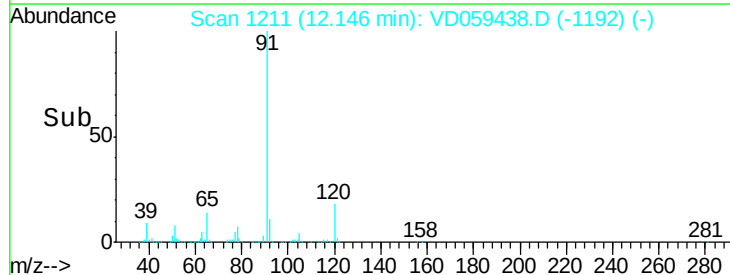
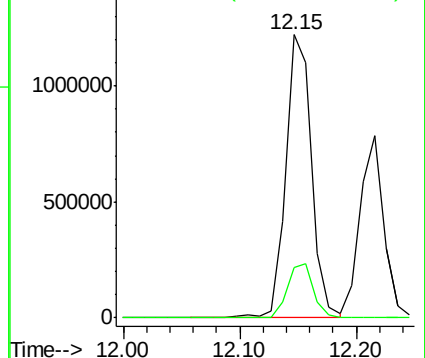
91 100

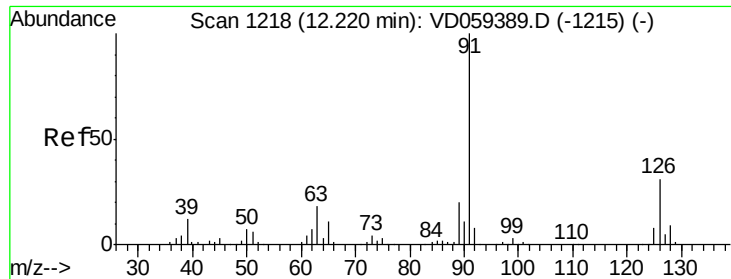
120 17.8 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

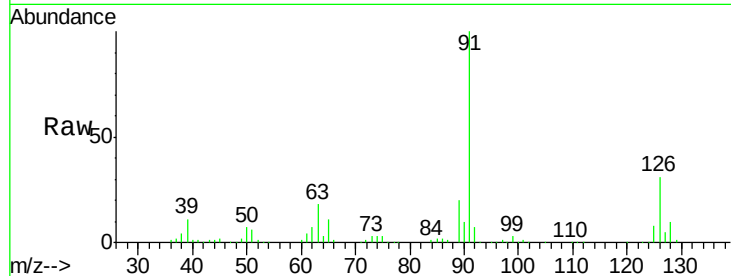




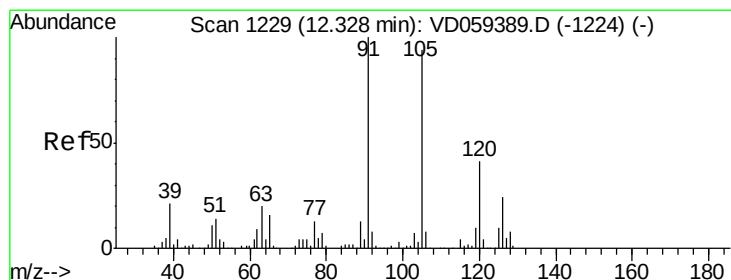
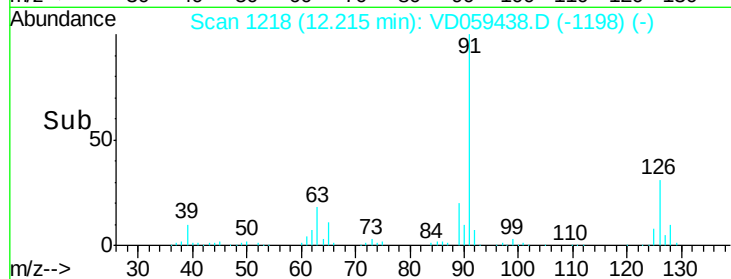
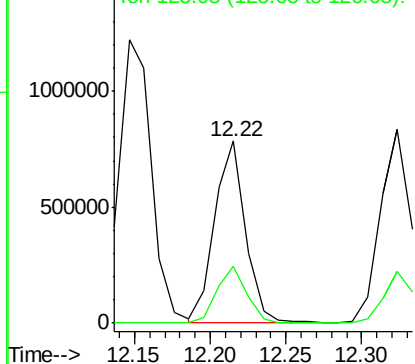
#79  
 2-Chlorotoluene  
 Concen: 49.71 ug/l  
 RT: 12.22 min Scan# 1218  
 Delta R.T. -0.00 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 91 Resp: 1113324  
 Ion Ratio Lower Upper  
 91 100  
 126 31.3 15.2 45.5

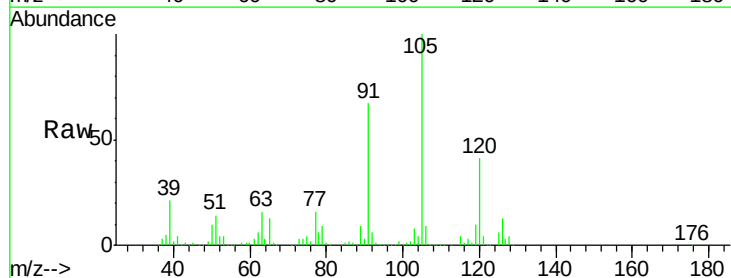


Abundance Ion 91.00 (90.70 to 91.70): V  
 Ion 125.95 (125.65 to 126.65): V

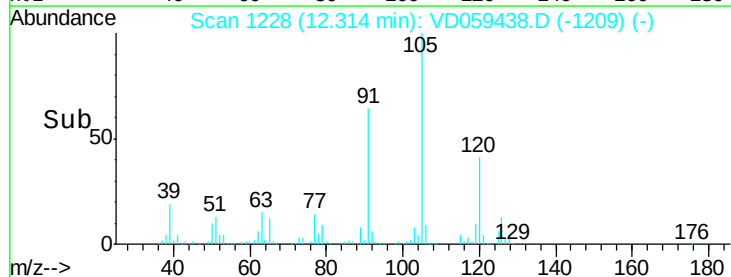
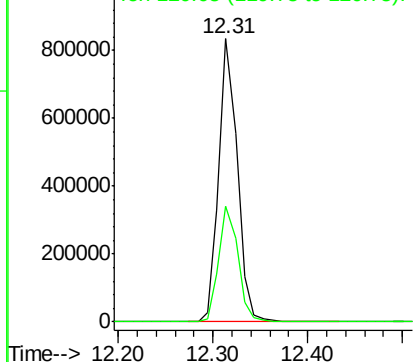


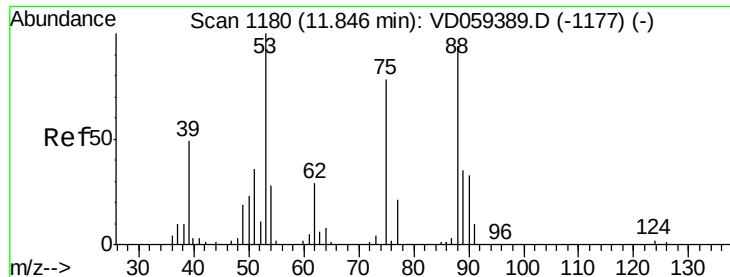
#80  
 1,3,5-Trimethylbenzene  
 Concen: 47.31 ug/l  
 RT: 12.31 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Tgt Ion: 105 Resp: 1134017  
 Ion Ratio Lower Upper  
 105 100  
 120 41.0 21.9 65.7



Abundance Ion 105.05 (104.75 to 105.75): V  
 Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.86 ug/l

RT: 11.84 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

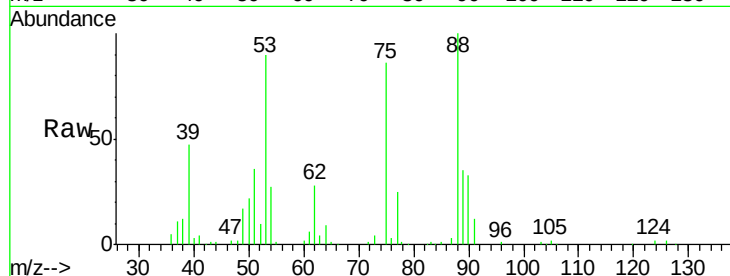
Tot Ion: 75 Resp: 90096

Ion Ratio Lower Upper

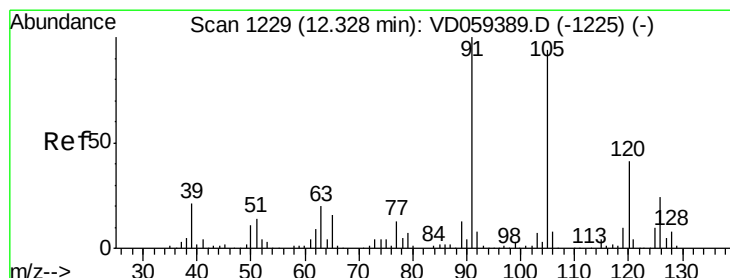
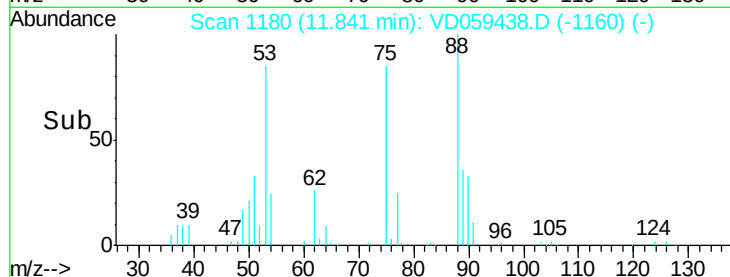
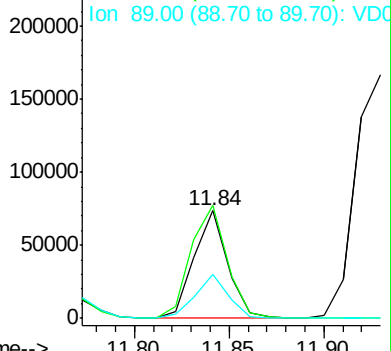
75 100

53 105.0 102.6 154.0

89 41.3 35.9 53.9



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: 46.85 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VD059438.D

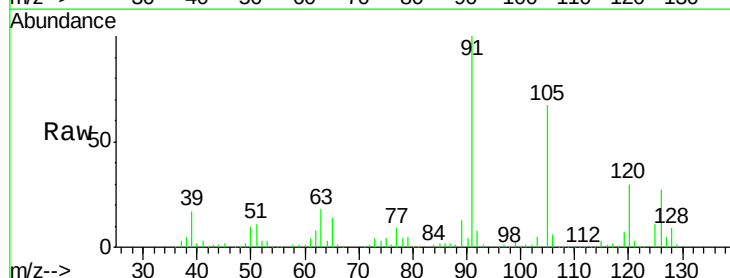
Acq: 27 Jun 2018 11:46

Tgt Ion: 91 Resp: 1189786

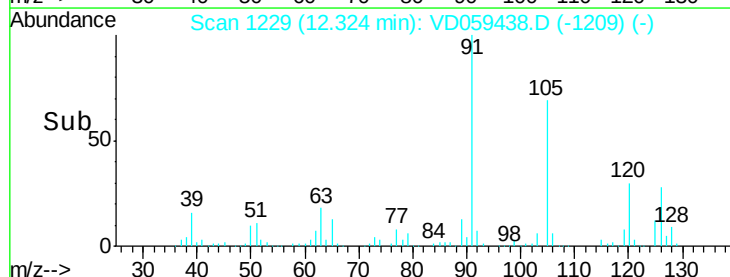
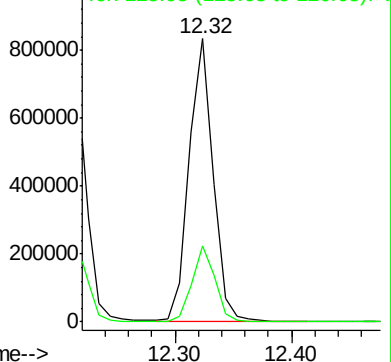
Ion Ratio Lower Upper

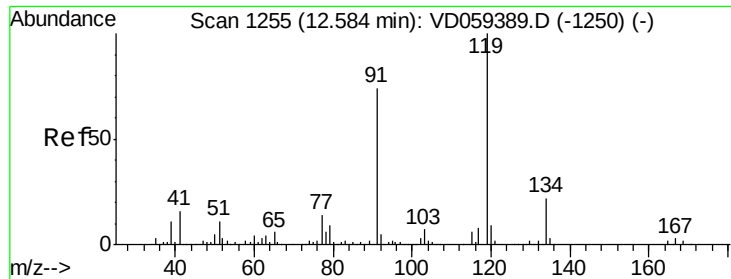
91 100

126 26.8 12.2 36.6



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

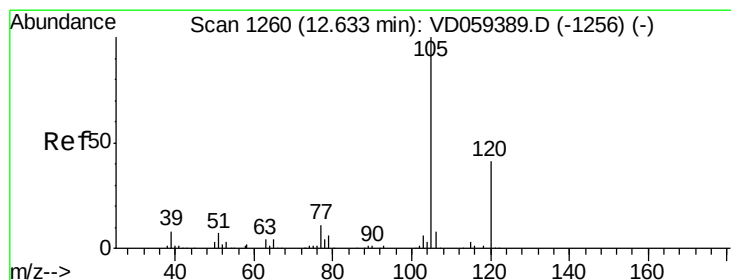
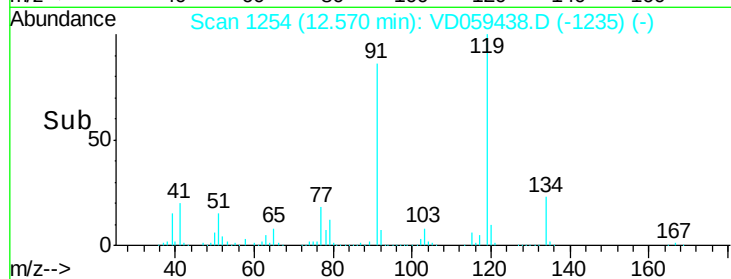
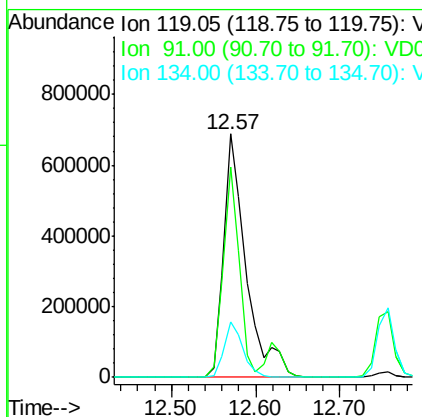
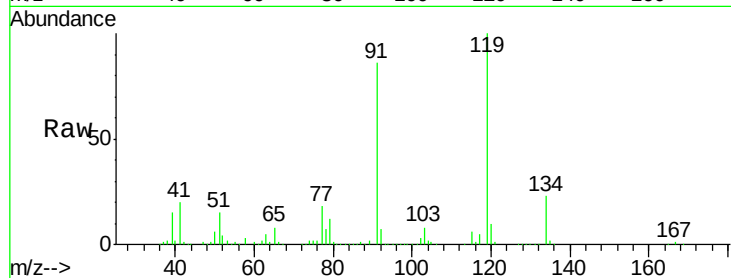




#83  
 tert-Butylbenzene  
 Concen: 50.22 ug/l  
 RT: 12.57 min Scan# 1254  
 Delta R.T. -0.01 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

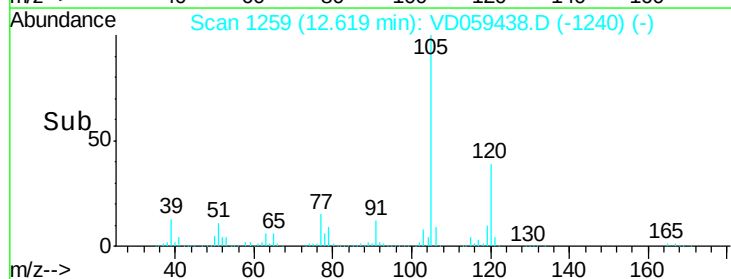
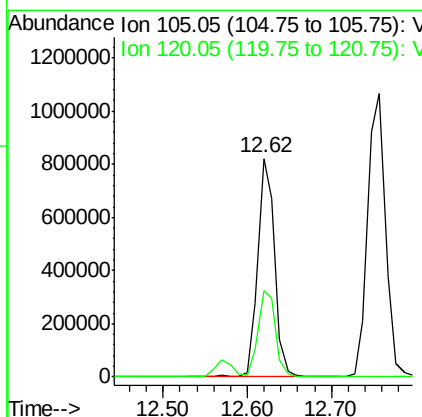
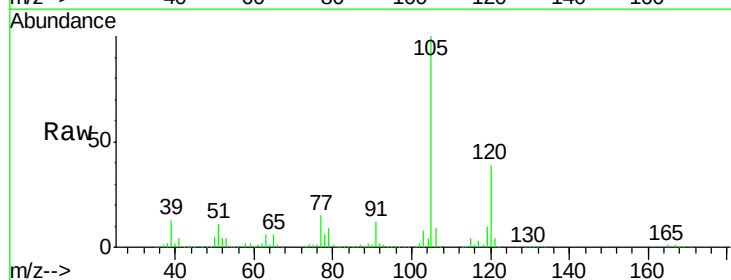
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

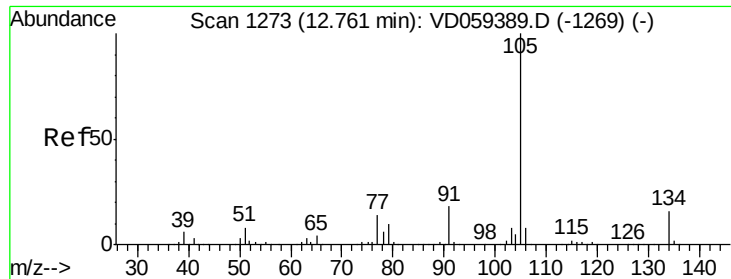
Tot Ion:119 Resp: 1280587  
 Ion Ratio Lower Upper  
 119 100  
 91 86.4 36.9 110.7  
 134 22.9 11.2 33.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 46.18 ug/l  
 RT: 12.62 min Scan# 1259  
 Delta R.T. -0.01 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Tgt Ion:105 Resp: 1171412  
 Ion Ratio Lower Upper  
 105 100  
 120 39.3 21.5 64.5





#85

sec-Butylbenzene

Concen: 50.23 ug/l

RT: 12.76 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

Instrument :

MSVOA\_D

ClientSampleId :

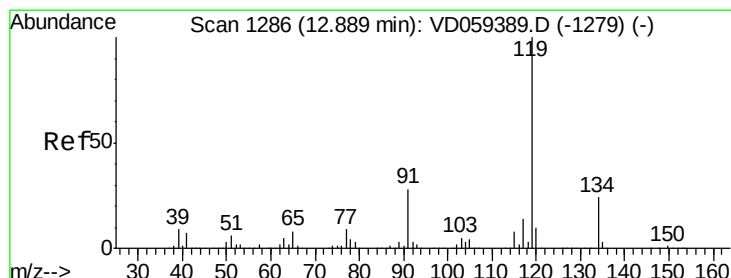
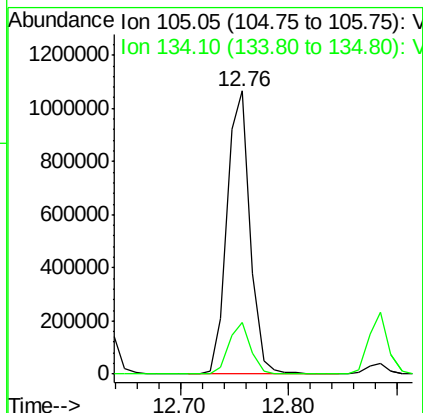
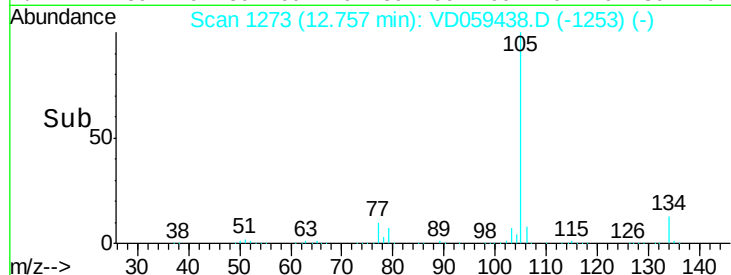
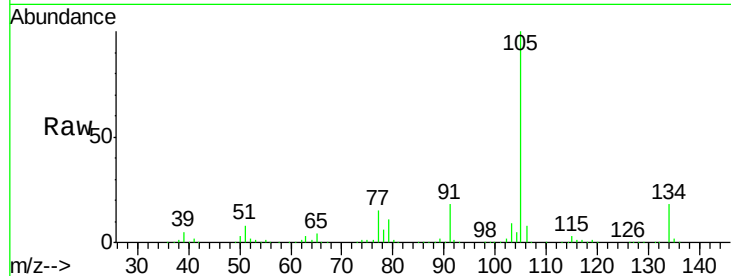
VSTDCCC050

Tot Ion:105 Resp: 1571709

Ion Ratio Lower Upper

105 100

134 18.3 8.2 24.6



#86

p-Isopropyltoluene

Concen: 49.75 ug/l

RT: 12.88 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VD059438.D

Acq: 27 Jun 2018 11:46

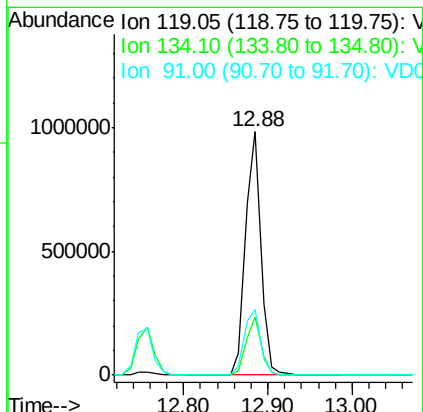
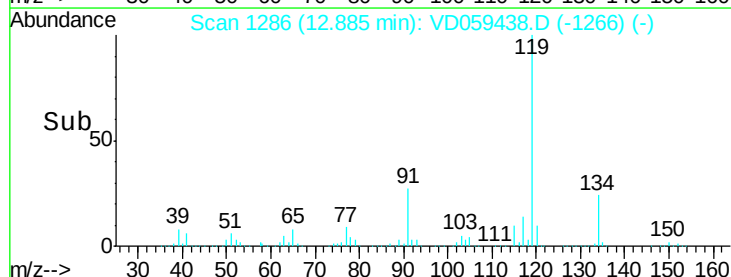
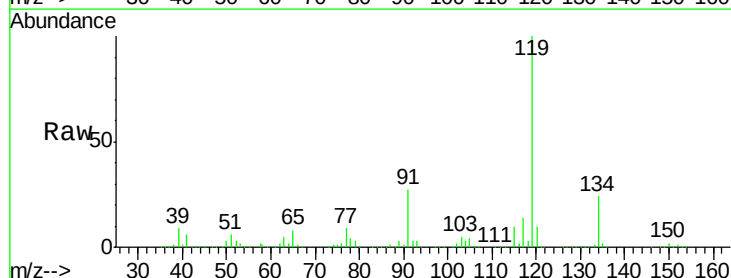
Tgt Ion:119 Resp: 1254551

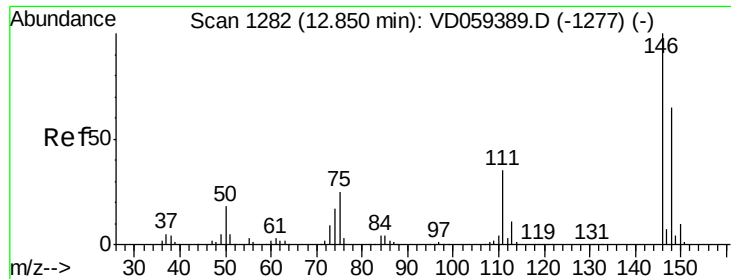
Ion Ratio Lower Upper

119 100

134 23.9 11.9 35.5

91 27.2 14.1 42.4

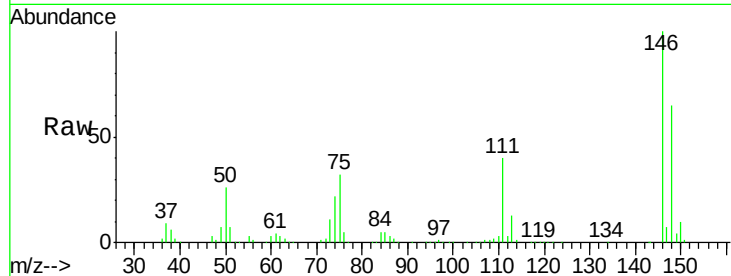




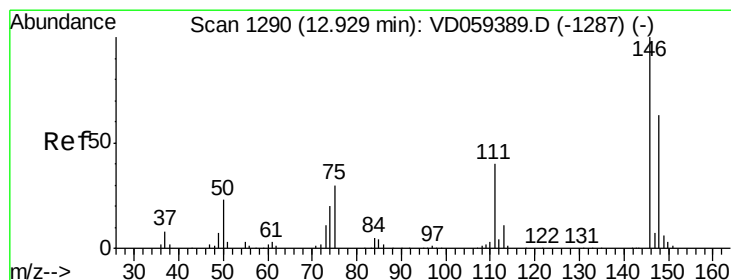
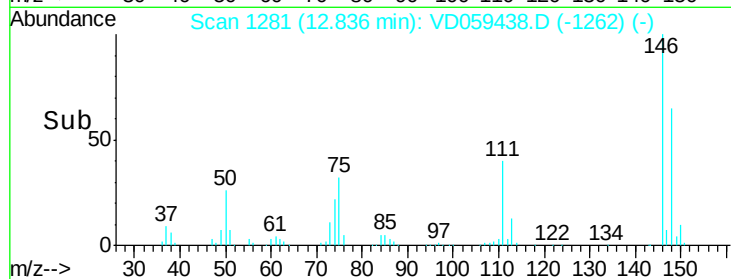
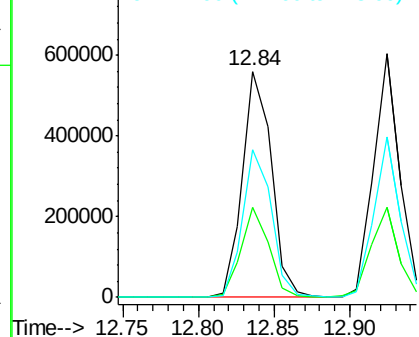
#87  
 1,3-Dichlorobenzene  
 Concen: 47.99 ug/l  
 RT: 12.84 min Scan# 1281  
 Delta R.T. -0.01 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:146 Resp: 748184  
 Ion Ratio Lower Upper  
 146 100  
 111 39.7 17.6 52.8  
 148 65.2 32.4 97.2

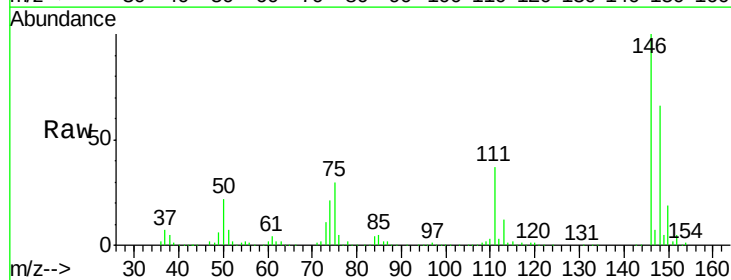


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

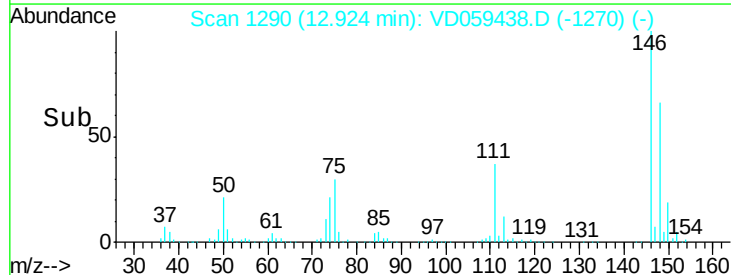
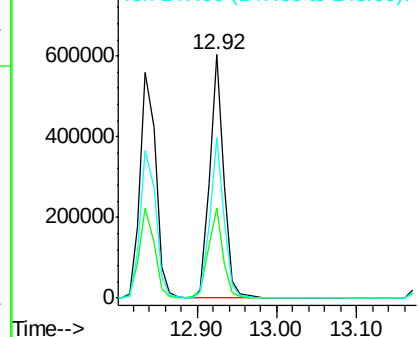


#88  
 1,4-Dichlorobenzene  
 Concen: 48.16 ug/l  
 RT: 12.92 min Scan# 1290  
 Delta R.T. -0.00 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

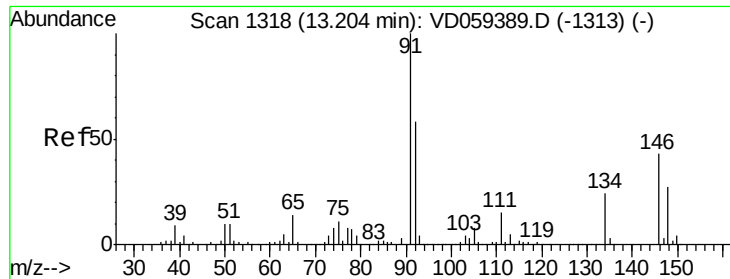
Tgt Ion:146 Resp: 740960  
 Ion Ratio Lower Upper  
 146 100  
 111 36.9 20.1 60.2  
 148 65.9 31.4 94.0



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



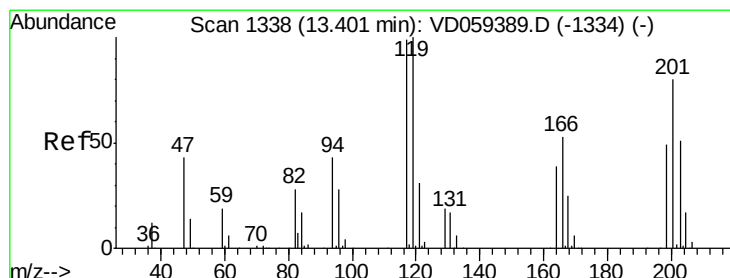
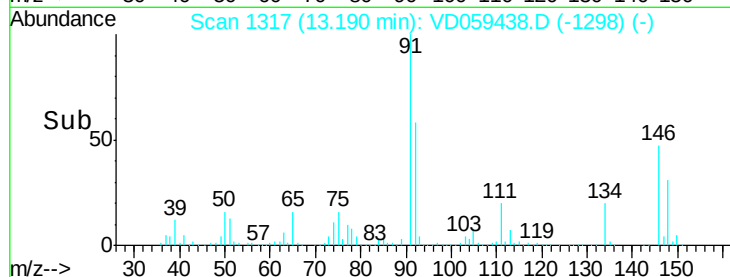
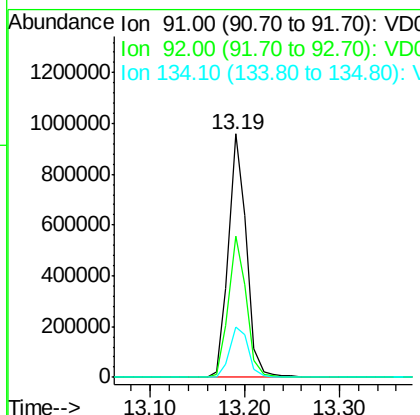
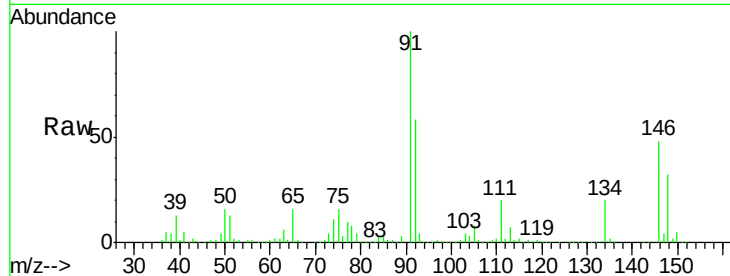




#89  
n-Butylbenzene  
Concen: 50.57 ug/l  
RT: 13.19 min Scan# 1317  
Delta R.T. -0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

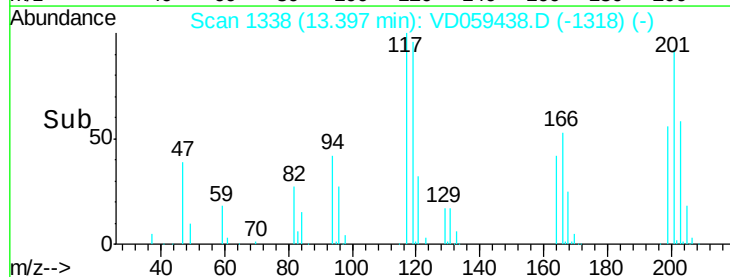
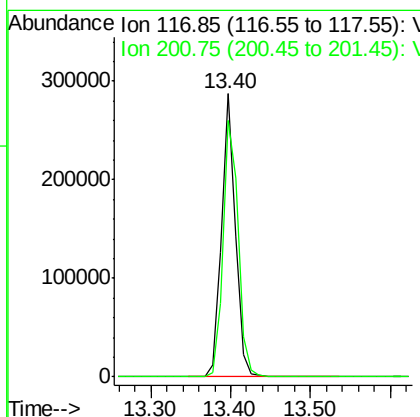
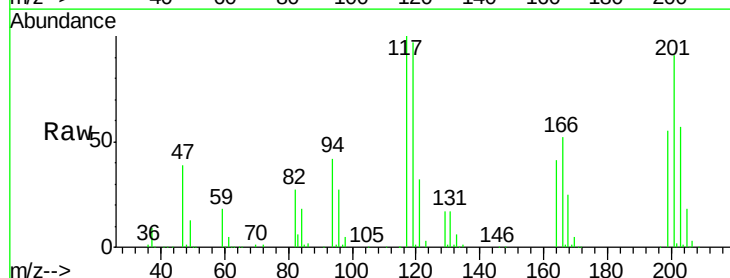
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

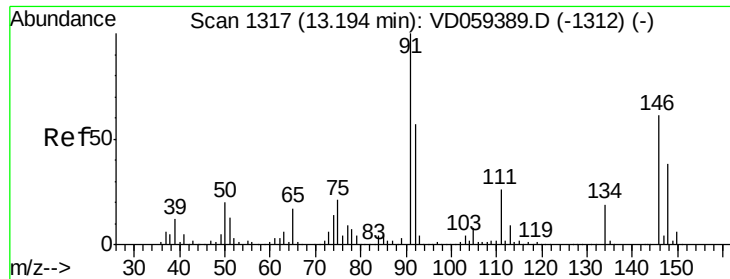
Tot Ion: 91 Resp: 1258842  
Ion Ratio Lower Upper  
91 100  
92 57.8 28.8 86.5  
134 20.5 11.9 35.7



#90  
Hexachloroethane  
Concen: 56.42 ug/l  
RT: 13.40 min Scan# 1338  
Delta R.T. -0.00 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Tgt Ion: 117 Resp: 354974  
Ion Ratio Lower Upper  
117 100  
201 90.7 40.1 120.3

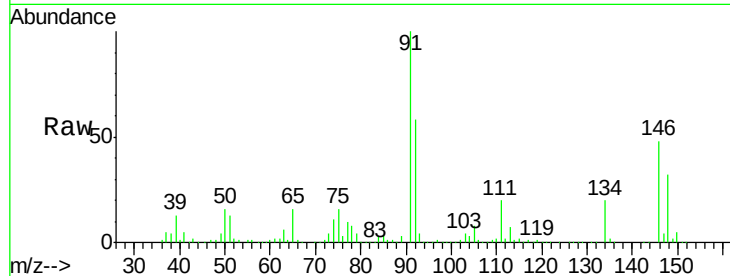




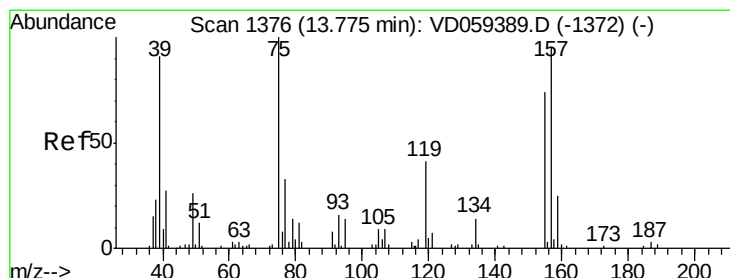
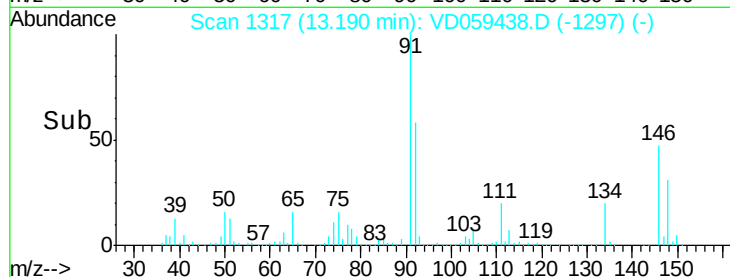
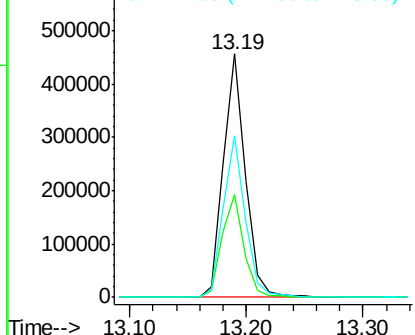
#91  
 1,2-Dichlorobenzene  
 Concen: 45.01 ug/l  
 RT: 13.19 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:146 Resp: 594991  
 Ion Ratio Lower Upper  
 146 100  
 111 42.4 21.4 64.2  
 148 66.4 31.6 95.0

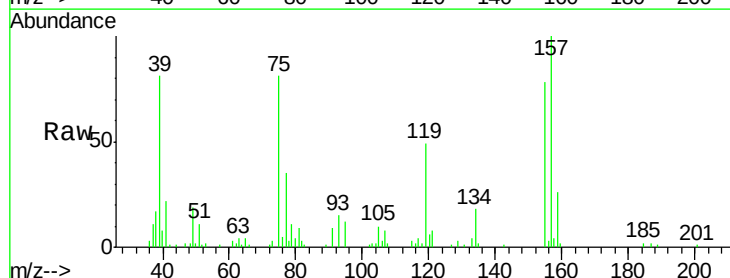


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

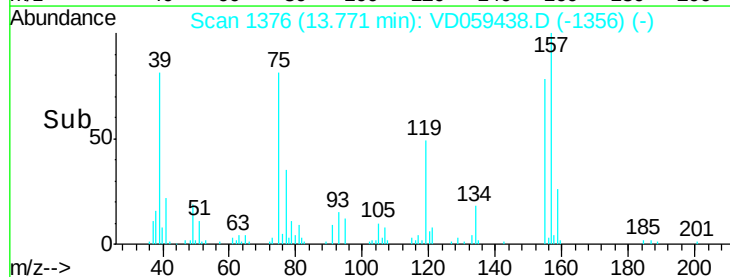
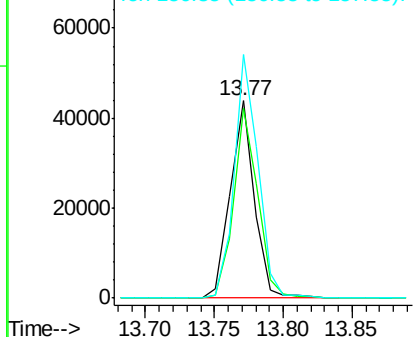


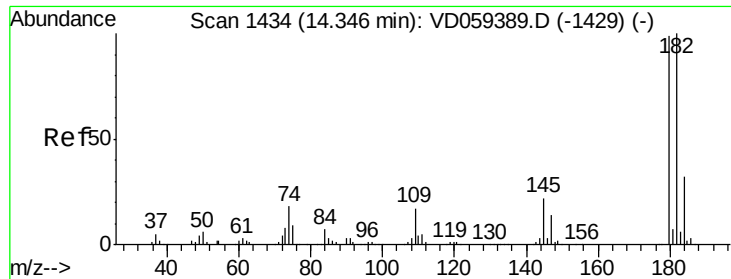
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.58 ug/l  
 RT: 13.77 min Scan# 1376  
 Delta R.T. -0.00 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Tgt Ion: 75 Resp: 53092  
 Ion Ratio Lower Upper  
 75 100  
 155 96.3 37.2 111.6  
 157 123.6 47.4 142.2



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

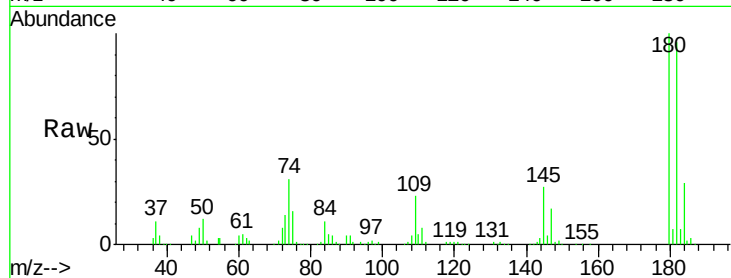




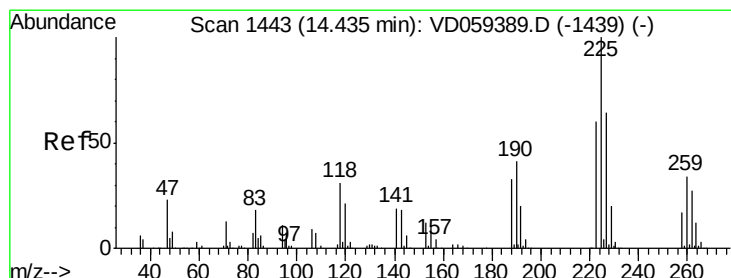
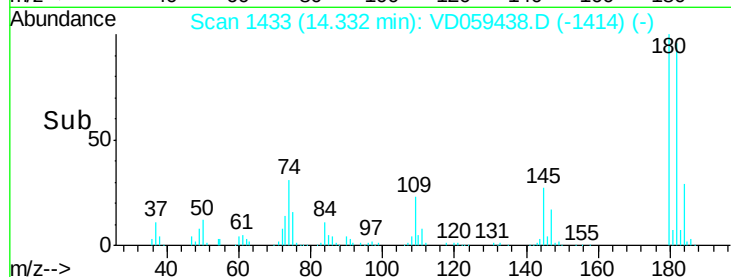
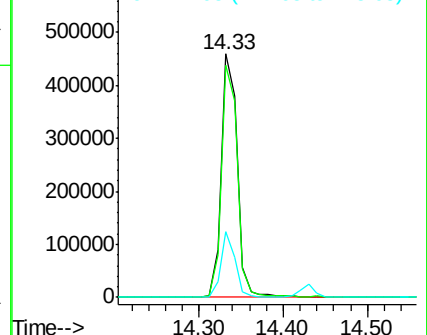
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.58 ug/l  
 RT: 14.33 min Scan# 1433  
 Delta R.T. -0.01 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:180 Resp: 605886  
 Ion Ratio Lower Upper  
 180 100  
 182 95.6 50.4 151.2  
 145 27.2 11.0 33.0

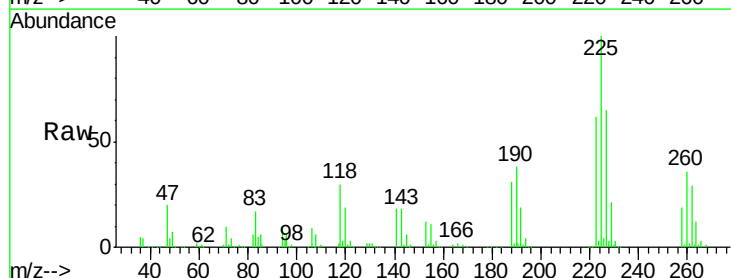


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

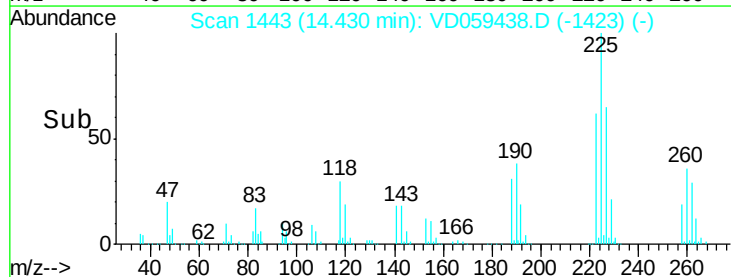
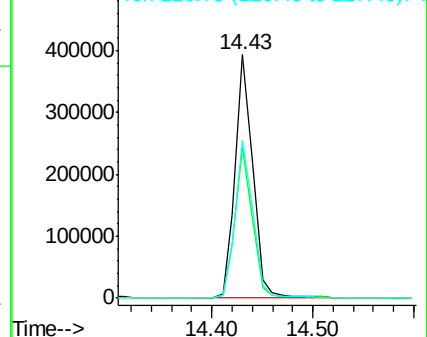


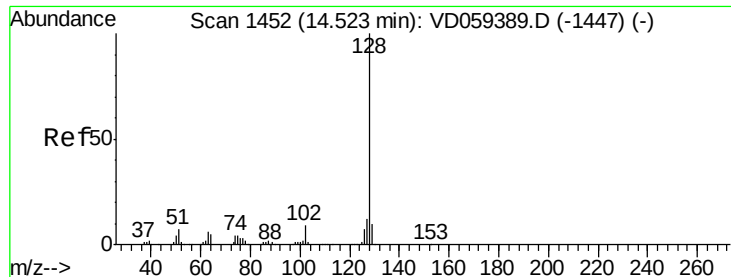
#94  
 Hexachlorobutadiene  
 Concen: 52.19 ug/l  
 RT: 14.43 min Scan# 1443  
 Delta R.T. -0.00 min  
 Lab File: VD059438.D  
 Acq: 27 Jun 2018 11:46

Tgt Ion:225 Resp: 479993  
 Ion Ratio Lower Upper  
 225 100  
 223 61.6 30.0 90.1  
 227 64.8 32.1 96.5



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

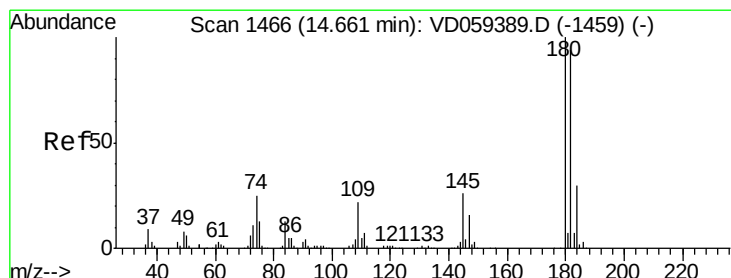
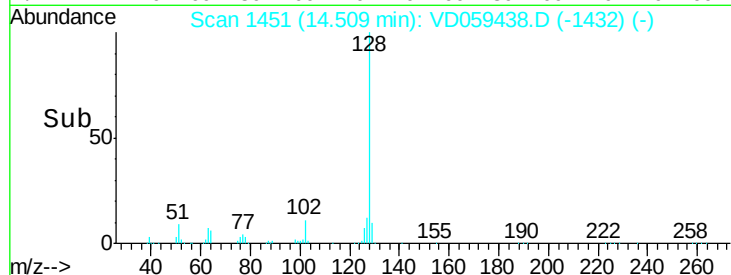
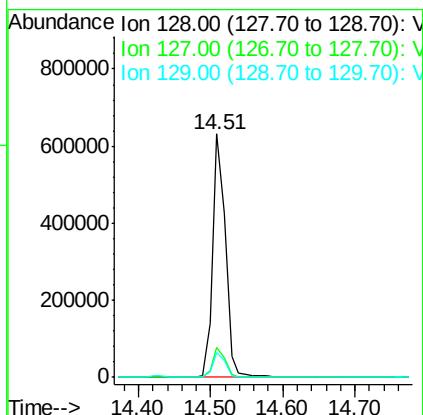
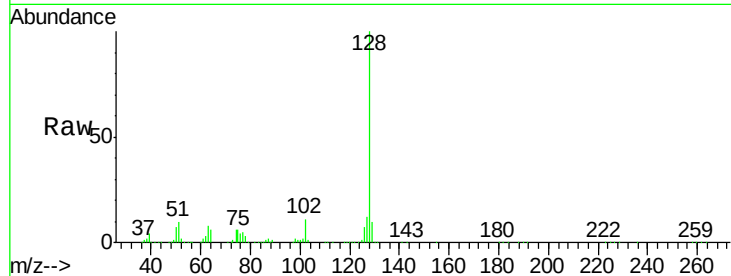




#95  
Naphthalene  
Concen: 45.31 ug/l  
RT: 14.51 min Scan# 1451  
Delta R.T. -0.01 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:128 Resp: 771799  
Ion Ratio Lower Upper  
128 100  
127 12.4 9.6 14.4  
129 10.4 8.2 12.2



#96  
1,2,3-Trichlorobenzene  
Concen: 47.33 ug/l  
RT: 14.66 min Scan# 1466  
Delta R.T. -0.00 min  
Lab File: VD059438.D  
Acq: 27 Jun 2018 11:46

Tgt Ion:180 Resp: 520117  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.1 141.4  
145 25.3 13.1 39.3

