

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\  
 Data File : VD062206.D  
 Acq On : 10 May 2019 10:32  
 Operator : FY/SY  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 10 23:30:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 07 14:26:29 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.05  | 168  | 863657   | 50.00 | ug/l  | 0.02     |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 1144021  | 50.00 | ug/l  | 0.02     |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 922862   | 50.00 | ug/l  | 0.01     |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152  | 482839   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.45   | 65  | 403593   | 50.29 | ug/l    | 0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.58% |      |
| 35) Dibromofluoromethane    | 6.93   | 113 | 489789   | 51.60 | ug/l    | 0.03 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.20% |      |
| 50) Toluene-d8              | 10.41  | 98  | 1110888  | 48.54 | ug/l    | 0.01 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.08%  |      |
| 62) 4-Bromofluorobenzene    | 13.56  | 95  | 451227   | 49.10 | ug/l    | 0.01 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.20%  |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85  | 384809  | 46.586  | ug/l   | 99     |
| 3) Chloromethane              | 1.75 | 50  | 234987  | 39.371  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.85 | 62  | 268081  | 45.702  | ug/l   | 99     |
| 5) Bromomethane               | 2.15 | 94  | 84225   | 61.279  | ug/l   | 94     |
| 6) Chloroethane               | 2.27 | 64  | 124059  | 50.403  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.53 | 101 | 591057  | 51.829  | ug/l   | 95     |
| 8) Diethyl Ether              | 2.87 | 74  | 98256   | 44.675  | ug/l   | 90     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101 | 407577  | 47.246  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.31 | 142 | 570141  | 43.729  | ug/l   | 92     |
| 11) Tert butyl alcohol        | 4.05 | 59  | 97900   | 238.963 | ug/l   | 96     |
| 12) 1,1-Dichloroethene        | 3.13 | 96  | 319527  | 48.522  | ug/l   | 95     |
| 13) Acrolein                  | 3.03 | 56  | 101647  | 239.880 | ug/l   | 94     |
| 14) Allyl chloride            | 3.62 | 41  | 428794  | 44.783  | ug/l   | 87     |
| 15) Acrylonitrile             | 4.19 | 53  | 234678  | 217.931 | ug/l   | 92     |
| 16) Acetone                   | 3.22 | 43  | 458681  | 272.513 | ug/l # | 89     |
| 17) Carbon Disulfide          | 3.37 | 76  | 919136  | 48.519  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.63 | 43  | 128721  | 42.716  | ug/l   | 93     |
| 19) Methyl tert-butyl Ether   | 4.23 | 73  | 642505  | 45.519  | ug/l   | 95     |
| 20) Methylene Chloride        | 3.82 | 84  | 328194  | 46.699  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.22 | 96  | 341278  | 46.573  | ug/l   | 96     |
| 22) Diisopropyl ether         | 5.12 | 45  | 961808  | 47.205  | ug/l   | 93     |
| 23) Vinyl Acetate             | 5.06 | 43  | 2731641 | 254.102 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 4.98 | 63  | 577747  | 47.003  | ug/l   | 99     |
| 25) 2-Butanone                | 6.06 | 43  | 453168  | 246.835 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.02 | 77  | 623871  | 50.954  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 6.03 | 96  | 393179  | 47.935  | ug/l   | 95     |
| 28) Bromochloromethane        | 6.44 | 49  | 241334  | 49.904  | ug/l   | 91     |
| 29) Tetrahydrofuran           | 6.46 | 42  | 189096  | 223.540 | ug/l   | 97     |
| 30) Chloroform                | 6.66 | 83  | 701636  | 47.364  | ug/l   | 97     |
| 31) Cyclohexane               | 6.96 | 56  | 411637  | 48.882  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97  | 676788  | 48.337  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 7.14 | 75  | 481015  | 51.281  | ug/l   | 97     |
| 37) Ethyl Acetate             | 6.18 | 43  | 192128  | 48.299  | ug/l # | 93     |
| 38) Carbon Tetrachloride      | 7.11 | 117 | 756348  | 58.259  | ug/l   | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\  
 Data File : VD062206.D  
 Acq On : 10 May 2019 10:32  
 Operator : FY/SY  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 10 23:30:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 07 14:26:29 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.87  | 83   | 455093   | 50.639  | ug/l   | 99       |
| 40) Benzene                    | 7.46  | 78   | 1024903  | 48.388  | ug/l   | 99       |
| 41) Methacrylonitrile          | 6.44  | 41   | 240259   | 49.424  | ug/l # | 90       |
| 42) 1,2-Dichloroethane         | 7.58  | 62   | 462174   | 51.501  | ug/l   | 92       |
| 43) Isopropyl Acetate          | 9.24  | 43   | 278738   | 49.408  | ug/l   | 98       |
| 44) Trichloroethene            | 8.54  | 130  | 407042   | 50.432  | ug/l   | 86       |
| 45) 1,2-Dichloropropane        | 8.94  | 63   | 249469   | 47.617  | ug/l   | 96       |
| 46) Dibromomethane             | 9.06  | 93   | 210132   | 49.322  | ug/l   | 93       |
| 47) Bromodichloromethane       | 9.38  | 83   | 529160   | 50.778  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.12  | 41   | 167998   | 48.345  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 9.08  | 88   | 34264    | 913.876 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.30 | 43   | 846685   | 233.477 | ug/l   | 98       |
| 52) Toluene                    | 10.51 | 92   | 659902   | 47.884  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 463029   | 51.410  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.04 | 75   | 509560   | 51.860  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane      | 11.19 | 97   | 240704   | 49.364  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 11.04 | 69   | 254151   | 50.158  | ug/l # | 92       |
| 57) 1,3-Dichloropropane        | 11.40 | 76   | 367578   | 49.898  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 699381   | 252.688 | ug/l   | 98       |
| 59) 2-Hexanone                 | 11.53 | 43   | 666984   | 249.544 | ug/l   | 96       |
| 60) Dibromochloromethane       | 11.69 | 129  | 424600   | 50.386  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.81 | 107  | 294850   | 49.737  | ug/l   | 100      |
| 64) Tetrachloroethene          | 11.26 | 164  | 358044   | 49.615  | ug/l   | 94       |
| 65) Chlorobenzene              | 12.40 | 112  | 839406   | 48.835  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 12.52 | 131  | 357519   | 47.792  | ug/l   | 94       |
| 67) Ethyl Benzene              | 12.53 | 91   | 1333318  | 46.334  | ug/l   | 96       |
| 68) m/p-Xylenes                | 12.66 | 106  | 1031469  | 98.522  | ug/l   | 92       |
| 69) o-Xylene                   | 13.05 | 106  | 492206   | 50.569  | ug/l   | 94       |
| 70) Styrene                    | 13.07 | 104  | 871973   | 52.884  | ug/l   | 95       |
| 71) Bromoform                  | 13.24 | 173  | 253967   | 48.797  | ug/l # | 95       |
| 73) Isopropylbenzene           | 13.40 | 105  | 1512397  | 52.255  | ug/l   | 98       |
| 74) N-amyl acetate             | 13.26 | 43   | 374888   | 49.404  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 268267   | 48.961  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 250705   | 43.691  | ug/l   | 97       |
| 77) Bromobenzene               | 13.67 | 156  | 424410   | 52.382  | ug/l   | 93       |
| 78) n-propylbenzene            | 13.78 | 91   | 1784775  | 51.694  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 925900   | 46.826  | ug/l   | 90       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 1233935  | 50.629  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 78089    | 48.206  | ug/l # | 85       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 1164037  | 50.026  | ug/l   | 86       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 1421687  | 51.897  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 1225950  | 50.126  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 1488782  | 49.568  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 1293323  | 48.196  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 678976   | 45.875  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 734091   | 50.478  | ug/l   | 98       |
| 89) n-Butylbenzene             | 14.80 | 91   | 1200679  | 49.849  | ug/l   | 97       |
| 90) Hexachloroethane           | 15.01 | 117  | 372882   | 51.096  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 587990   | 48.238  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 44878    | 49.896  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\  
Data File : VD062206.D  
Acq On : 10 May 2019 10:32  
Operator : FY/SY  
Sample : VSTDCCC050  
Misc : 5.00g/5mL/MSVOA D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

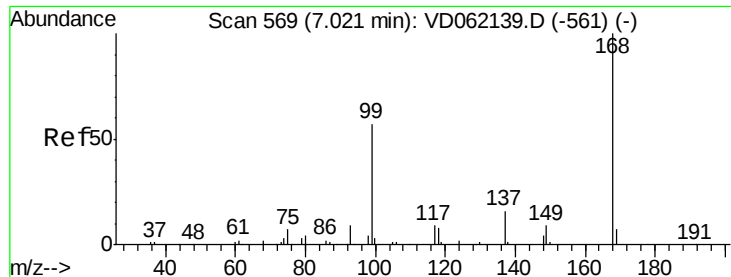
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Quant Time: May 10 23:30:15 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 07 14:26:29 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 401063   | 45.205 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 301037   | 45.620 | ug/l  | 98       |
| 95) Naphthalene            | 16.12 | 128  | 512473   | 41.373 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 209804   | 37.611 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

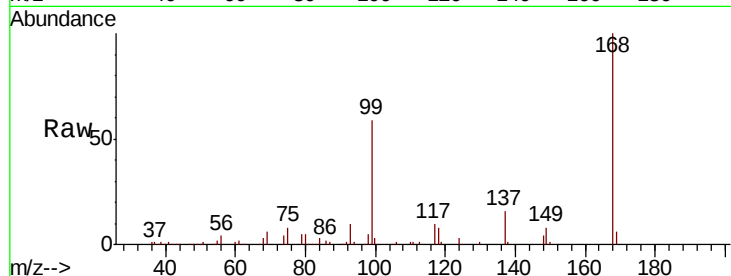
VSTDCCC050

Tot Ion:168 Resp: 863657

Ion Ratio Lower Upper

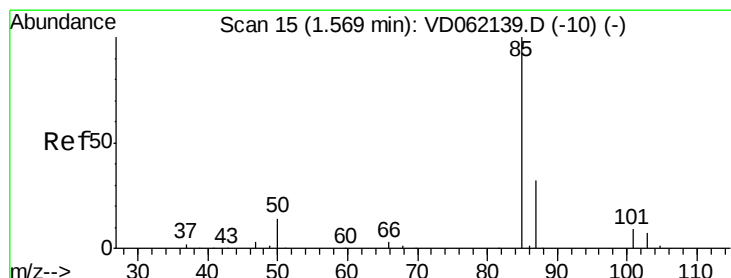
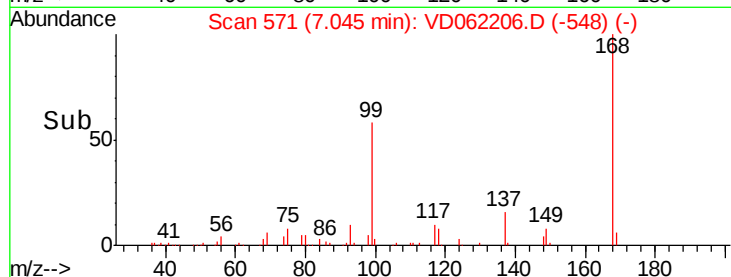
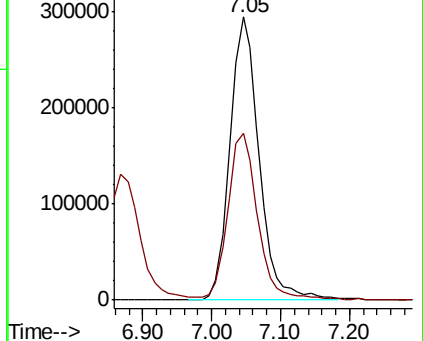
168 100

99 59.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 46.586 ug/l

RT: 1.57 min Scan# 15

Delta R.T. 0.00 min

Lab File: VD062206.D

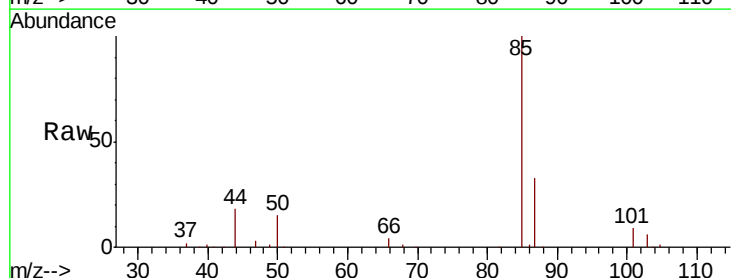
Acq: 10 May 2019 10:32

Tgt Ion: 85 Resp: 384809

Ion Ratio Lower Upper

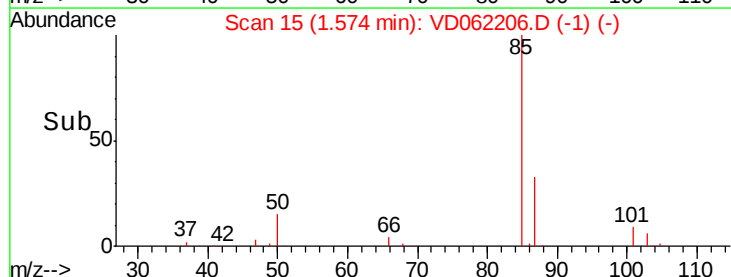
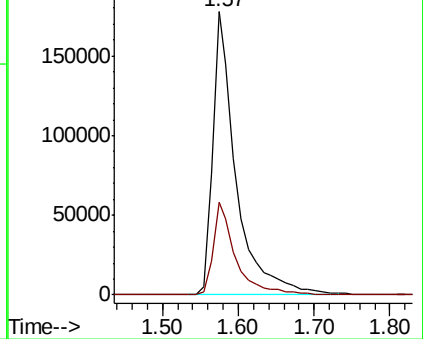
85 100

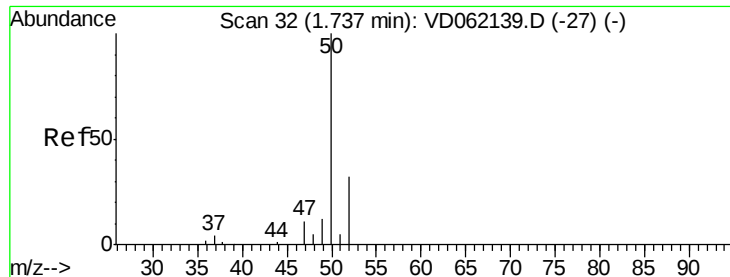
87 32.8 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.371 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

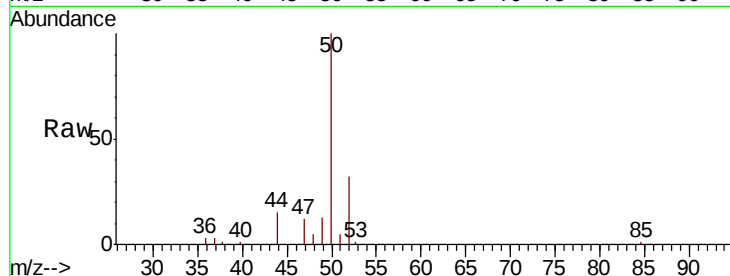
VSTDCCC050

Tot Ion: 50 Resp: 234987

Ion Ratio Lower Upper

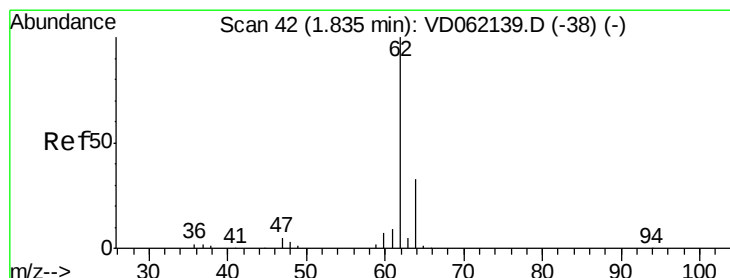
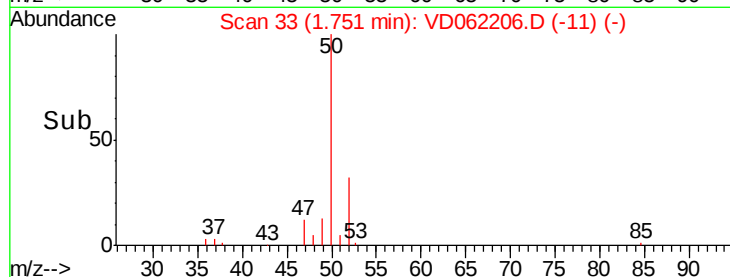
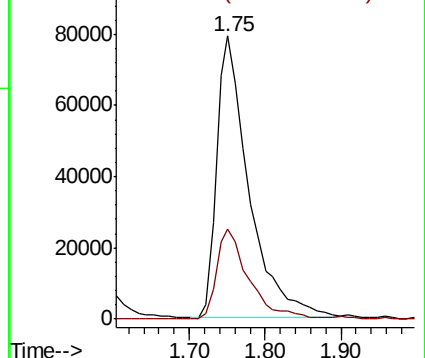
50 100

52 32.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 45.702 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.01 min

Lab File: VD062206.D

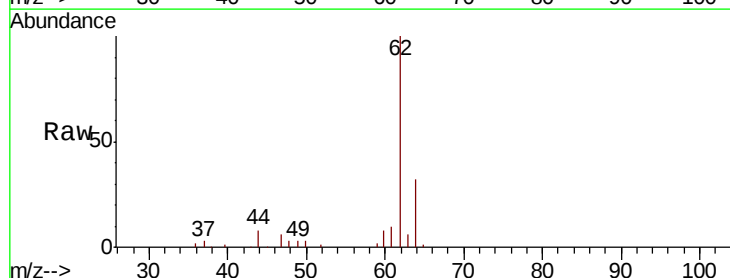
Acq: 10 May 2019 10:32

Tgt Ion: 62 Resp: 268081

Ion Ratio Lower Upper

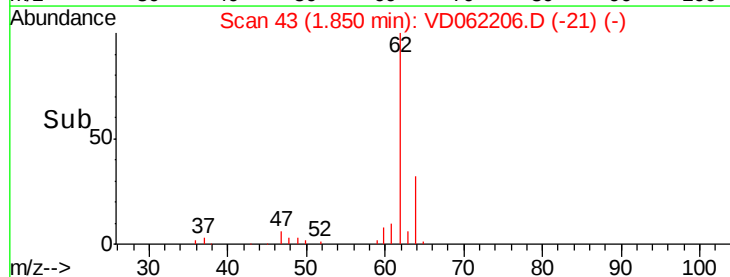
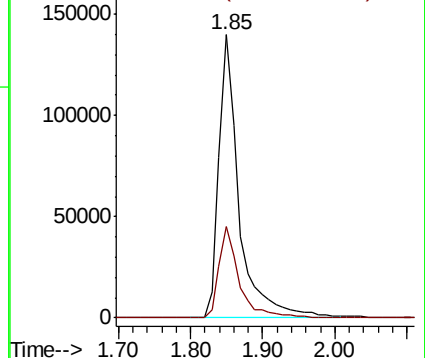
62 100

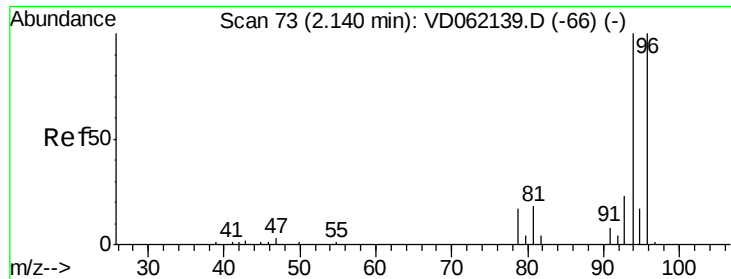
64 32.4 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 61.279 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

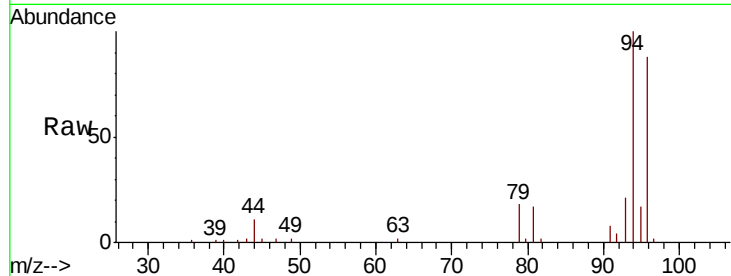
Tot Ion: 94 Resp: 84225

Ion Ratio Lower Upper

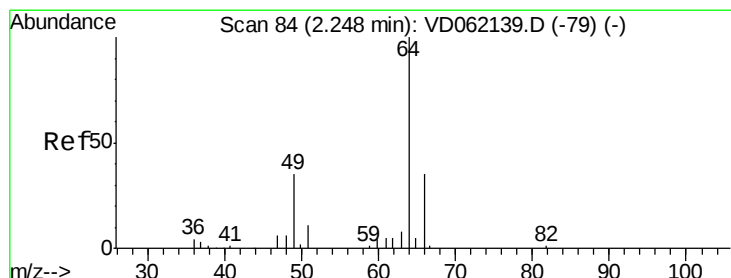
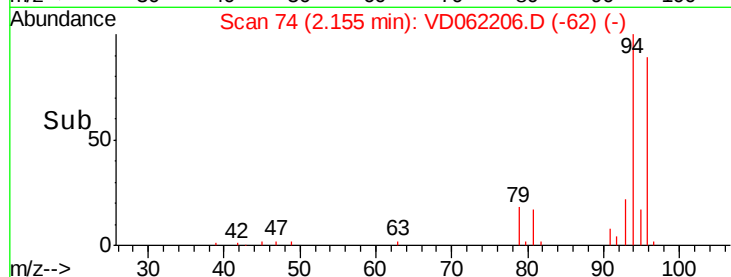
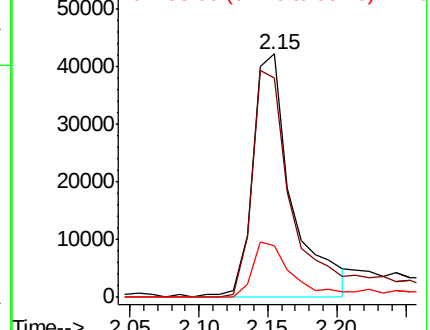
94 100

96 89.9 76.6 115.0

93 21.4 18.5 27.7



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



#6

Chloroethane

Concen: 50.403 ug/l

RT: 2.27 min Scan# 86

Delta R.T. 0.02 min

Lab File: VD062206.D

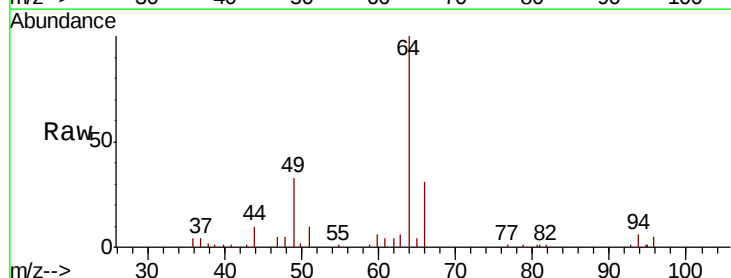
Acq: 10 May 2019 10:32

Tgt Ion: 64 Resp: 124059

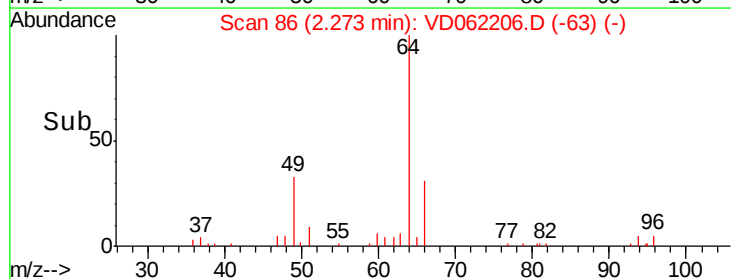
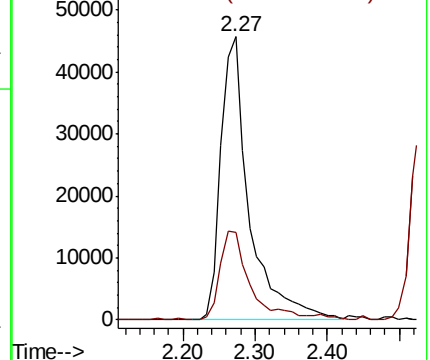
Ion Ratio Lower Upper

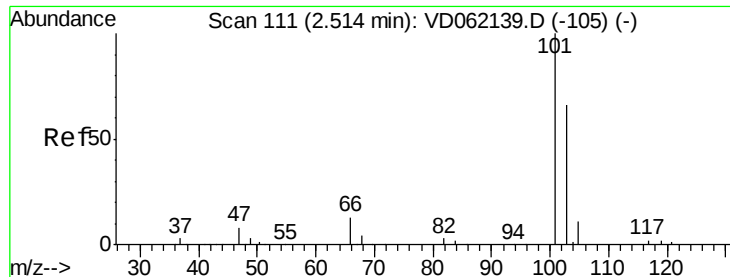
64 100

66 30.9 25.6 38.4



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



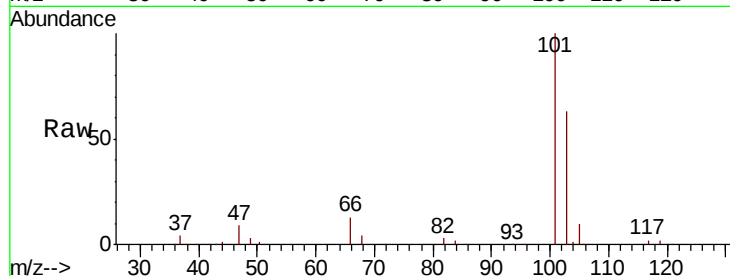


#7

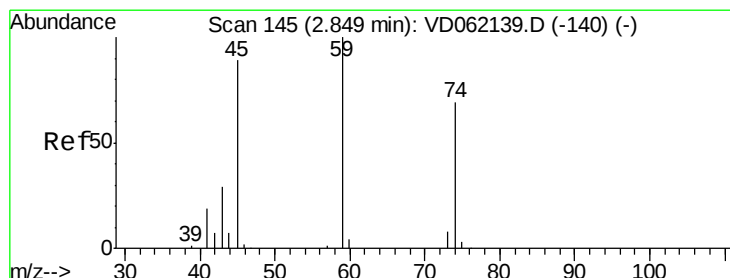
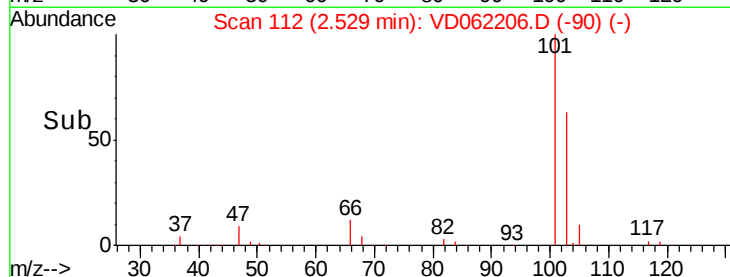
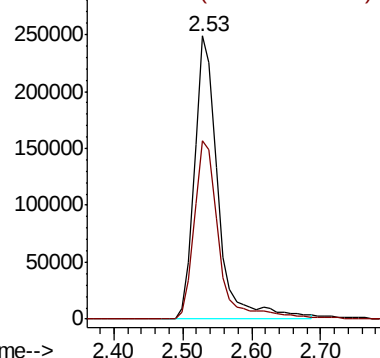
Trichlorofluoromethane  
Concen: 51.829 ug/l  
RT: 2.53 min Scan# 112  
Delta R.T. 0.01 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:101 Resp: 591057  
Ion Ratio Lower Upper  
101 100  
103 63.2 53.6 80.4



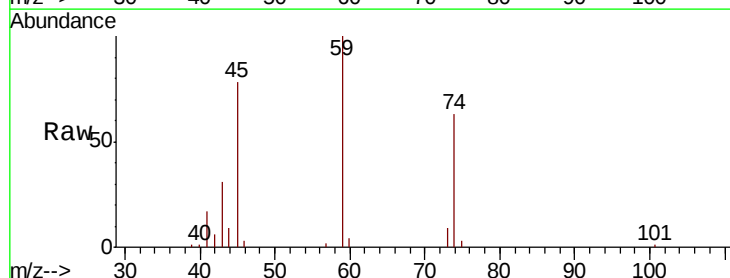
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



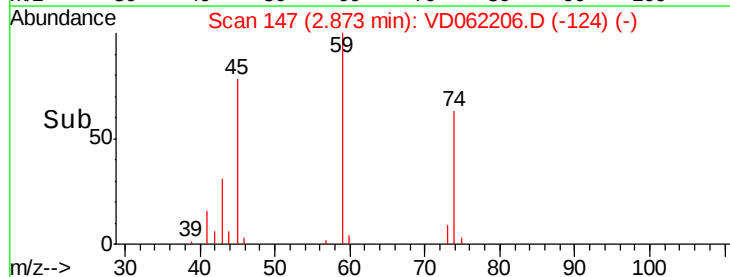
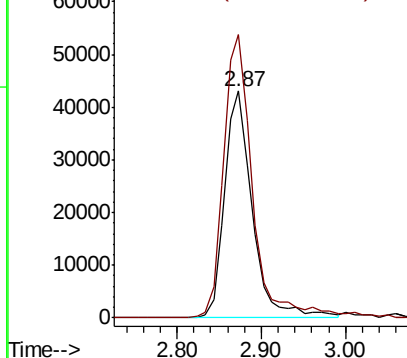
#8

Diethyl Ether  
Concen: 44.675 ug/l  
RT: 2.87 min Scan# 147  
Delta R.T. 0.02 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Tgt Ion: 74 Resp: 98256  
Ion Ratio Lower Upper  
74 100  
45 124.9 56.9 170.7



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: 47.246 ug/l

RT: 3.15 min Scan# 175

Delta R.T. 0.01 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

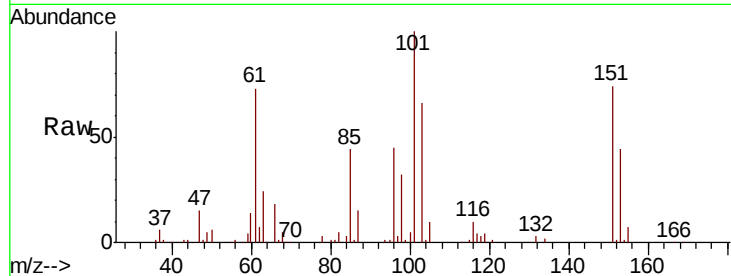
Tot Ion:101 Resp: 407577

Ion Ratio Lower Upper

101 100

85 43.9 32.4 48.6

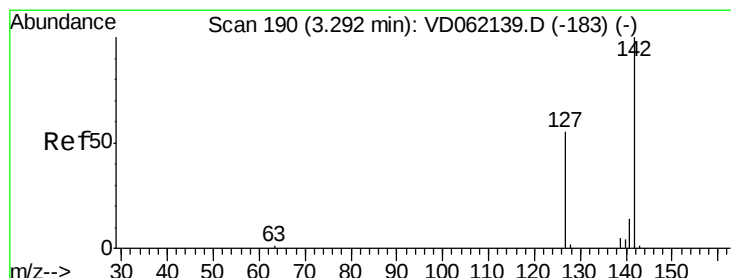
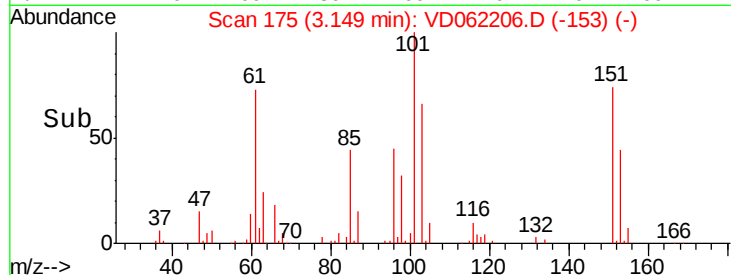
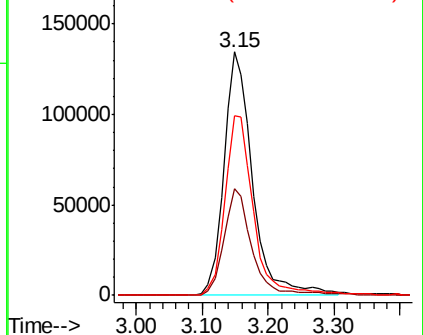
151 73.9 59.4 89.0



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: 43.729 ug/l

RT: 3.31 min Scan# 191

Delta R.T. 0.01 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

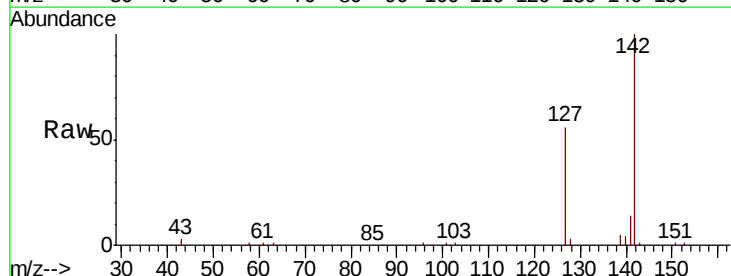
Tgt Ion:142 Resp: 570141

Ion Ratio Lower Upper

142 100

127 55.5 38.8 58.2

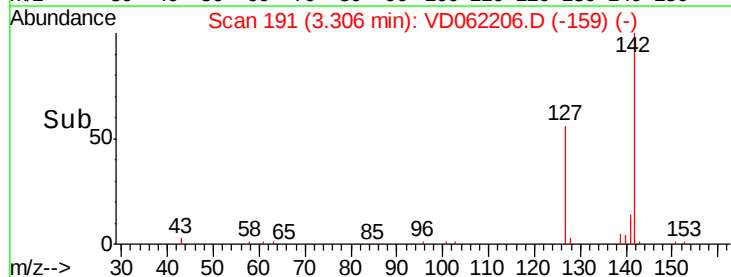
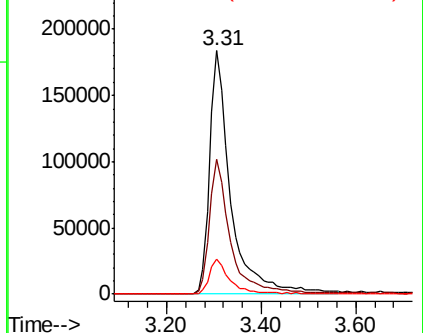
141 14.4 11.4 17.0

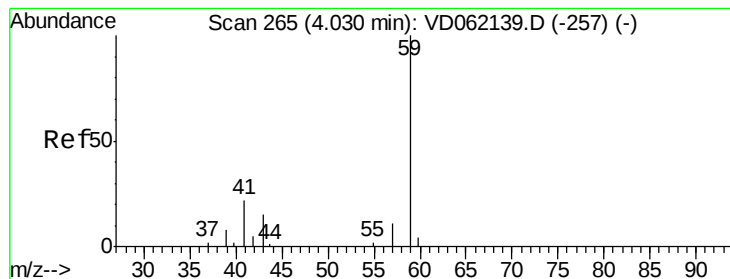


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



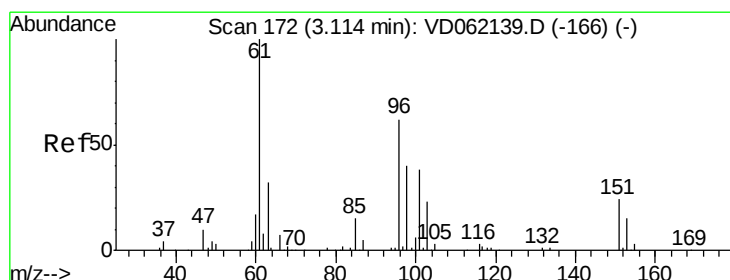
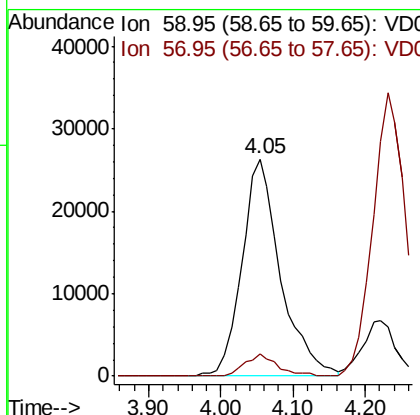
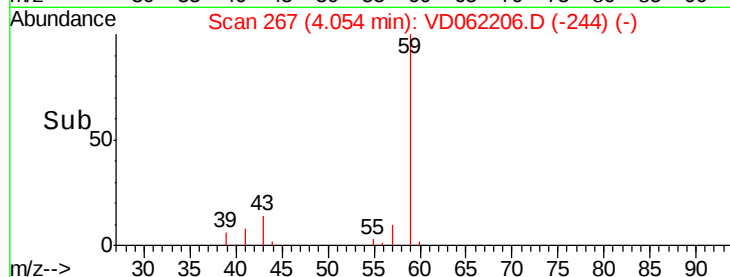
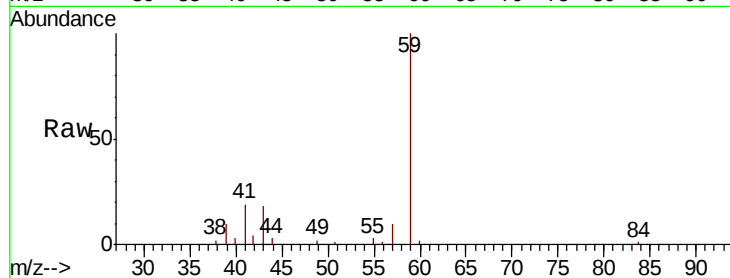


#11

Tert butyl alcohol  
 Concen: 238.963 ug/l  
 RT: 4.05 min Scan# 267  
 Delta R.T. 0.02 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

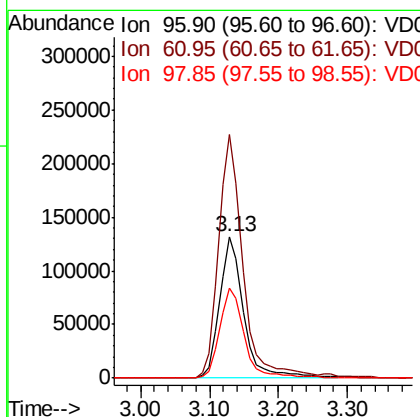
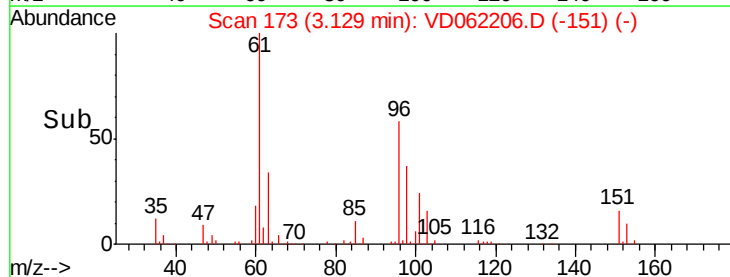
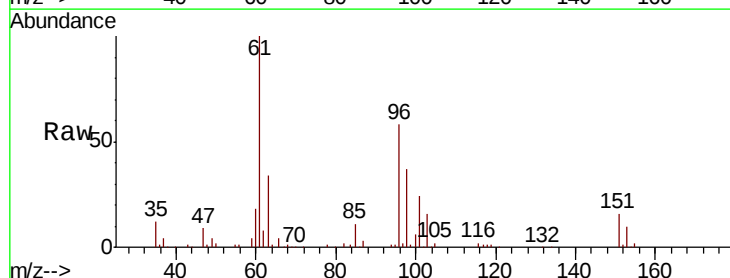
Tot Ion: 59 Resp: 97900  
 Ion Ratio Lower Upper  
 59 100  
 57 10.2 6.9 10.3

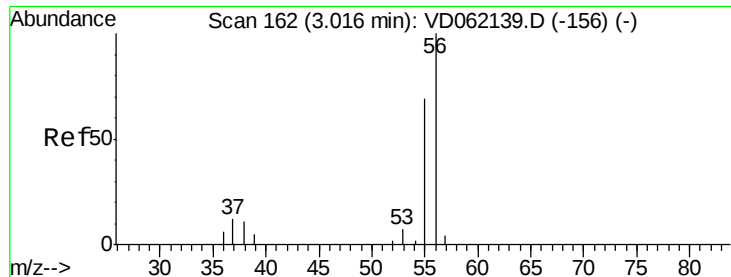


#12

1,1-Dichloroethene  
 Concen: 48.522 ug/l  
 RT: 3.13 min Scan# 173  
 Delta R.T. 0.01 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

Tgt Ion: 96 Resp: 319527  
 Ion Ratio Lower Upper  
 96 100  
 61 172.4 129.8 194.8  
 98 63.9 51.2 76.8





#13

Acrolein

Concen: 239.880 ug/l

RT: 3.03 min Scan# 163

Delta R.T. 0.01 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

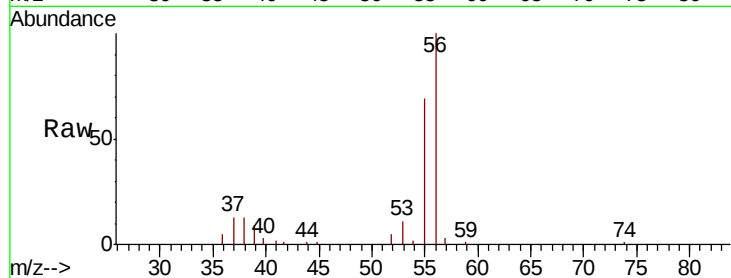
VSTDCCC050

Tot Ion: 56 Resp: 101647

Ion Ratio Lower Upper

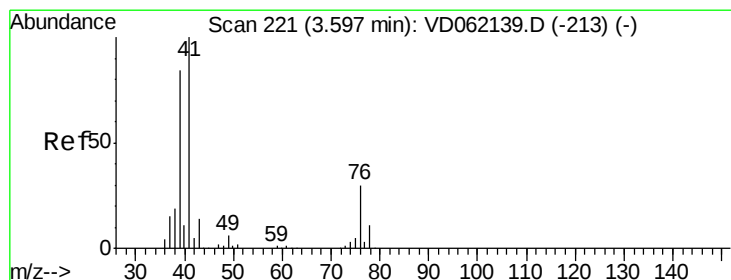
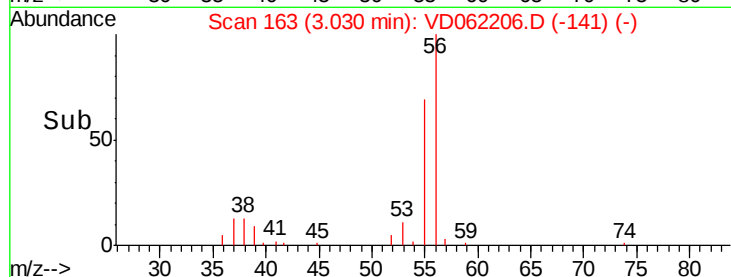
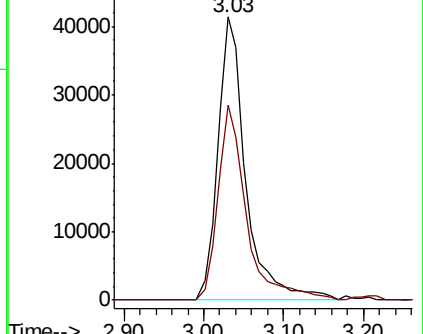
56 100

55 68.8 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 44.783 ug/l

RT: 3.62 min Scan# 223

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

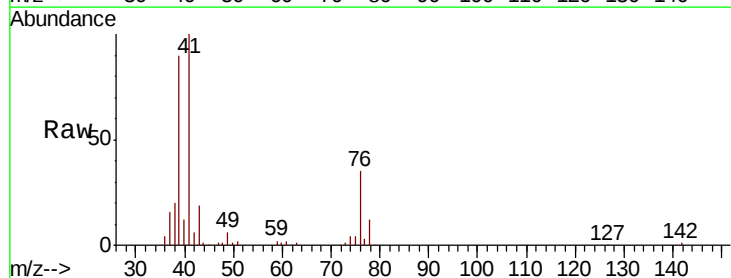
Tgt Ion: 41 Resp: 428794

Ion Ratio Lower Upper

41 100

39 89.7 60.5 90.7

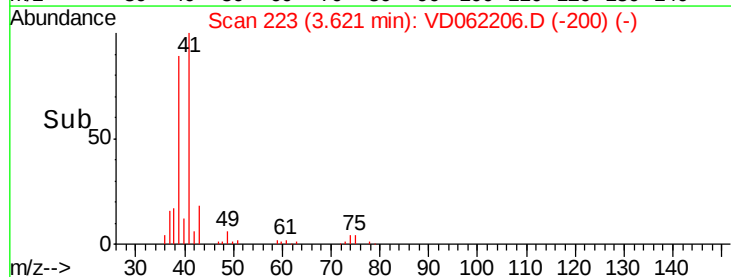
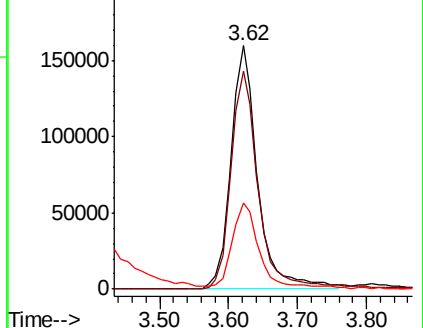
76 35.2 31.8 47.8

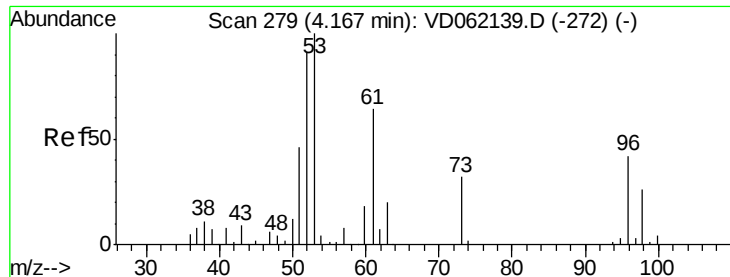


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 217.931 ug/l

RT: 4.19 min Scan# 281

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

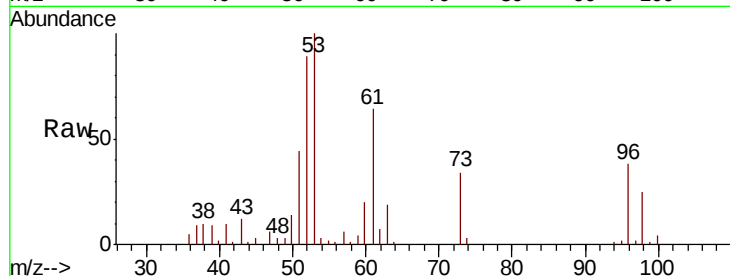
Tot Ion: 53 Resp: 234678

Ion Ratio Lower Upper

53 100

52 89.2 65.0 97.4

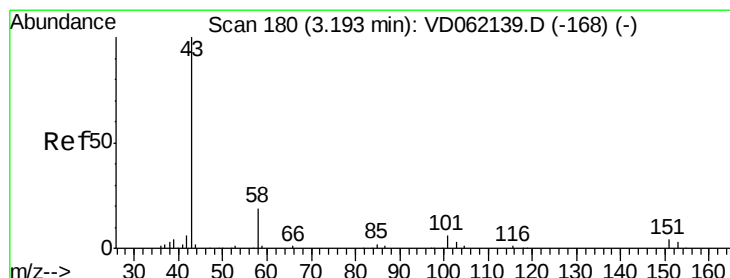
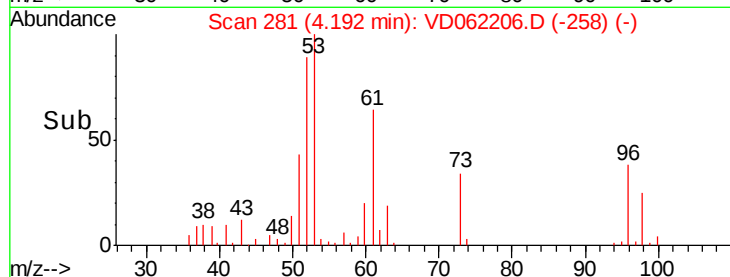
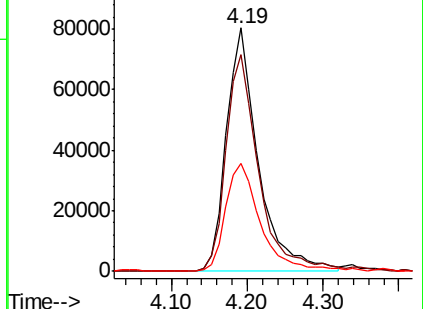
51 44.3 32.6 48.8



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: 272.513 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD062206.D

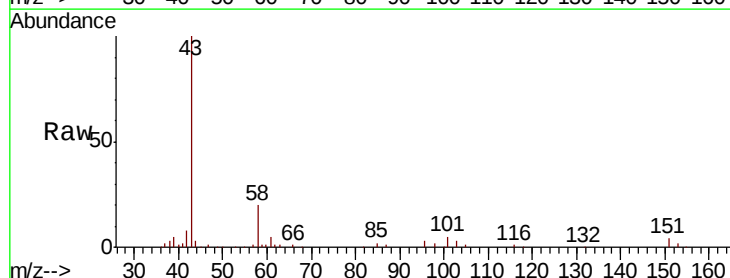
Acq: 10 May 2019 10:32

Tgt Ion: 43 Resp: 458681

Ion Ratio Lower Upper

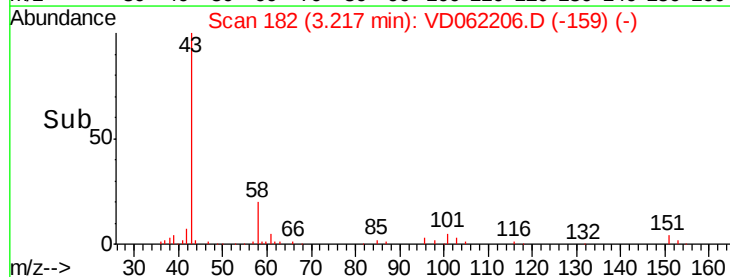
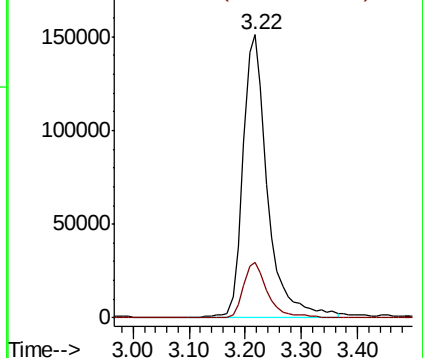
43 100

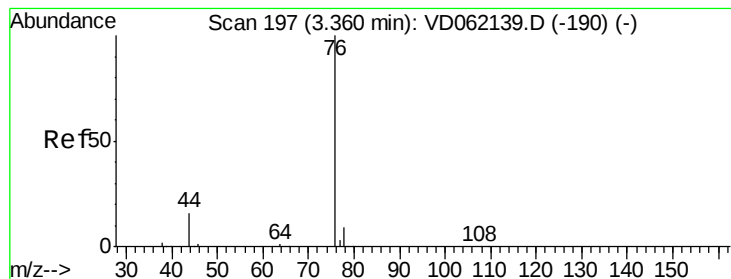
58 19.6 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 48.519 ug/l

RT: 3.37 min Scan# 198

Delta R.T. 0.01 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

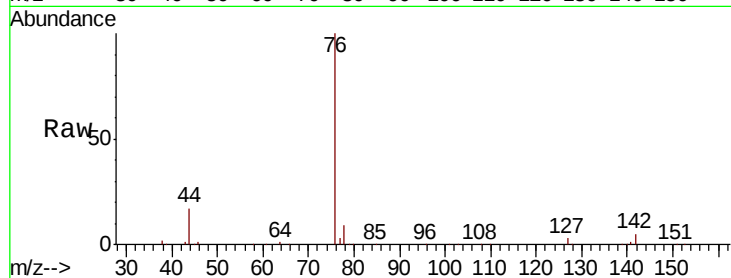
VSTDCCC050

Tot Ion: 76 Resp: 919136

Ion Ratio Lower Upper

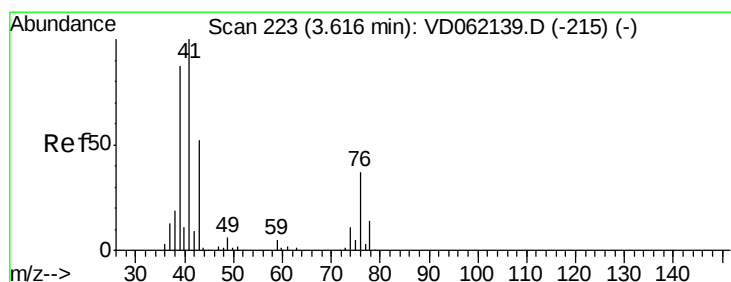
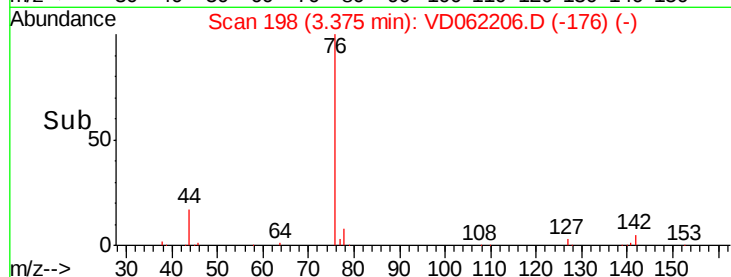
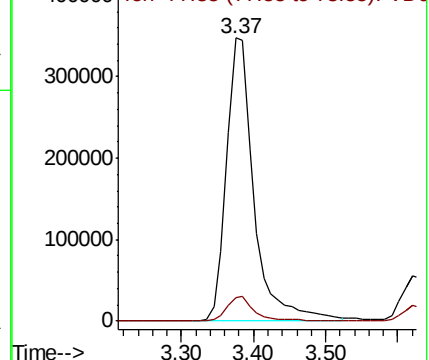
76 100

78 8.5 7.2 10.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 42.716 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.01 min

Lab File: VD062206.D

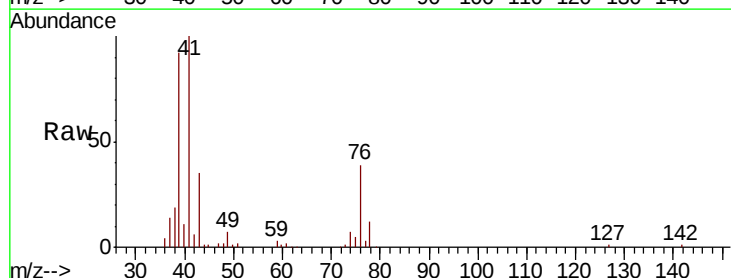
Acq: 10 May 2019 10:32

Tgt Ion: 43 Resp: 128721

Ion Ratio Lower Upper

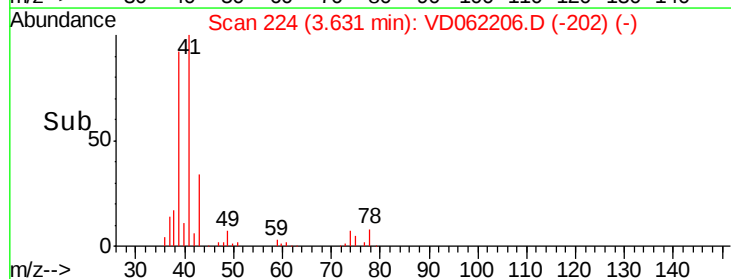
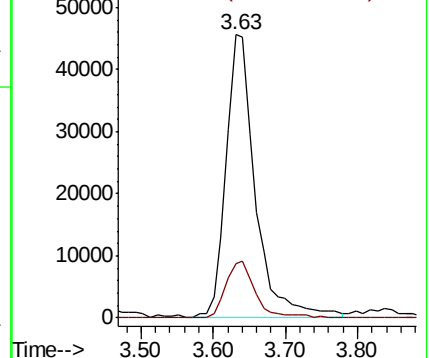
43 100

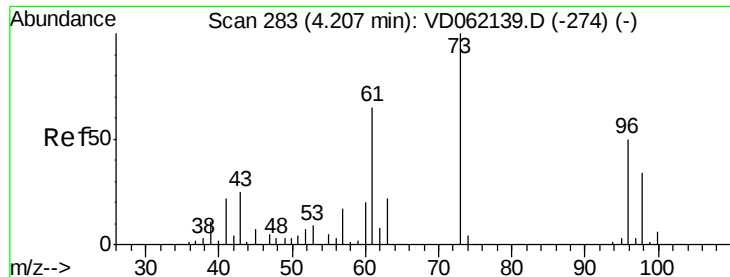
74 19.0 18.0 27.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

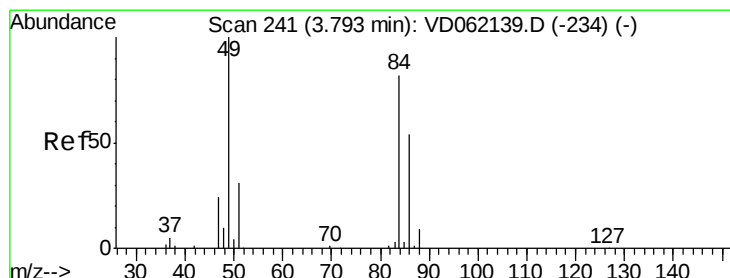
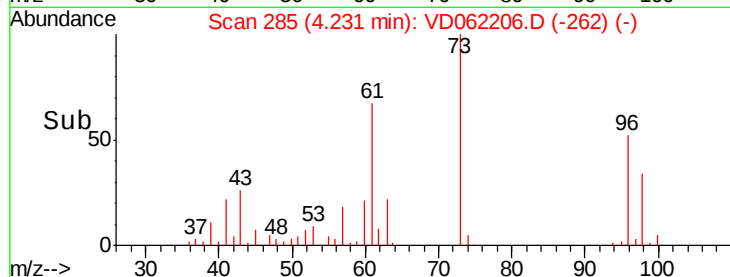
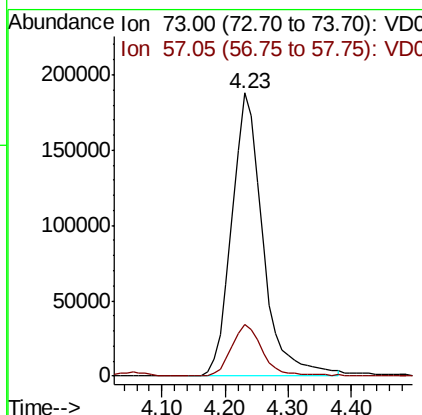
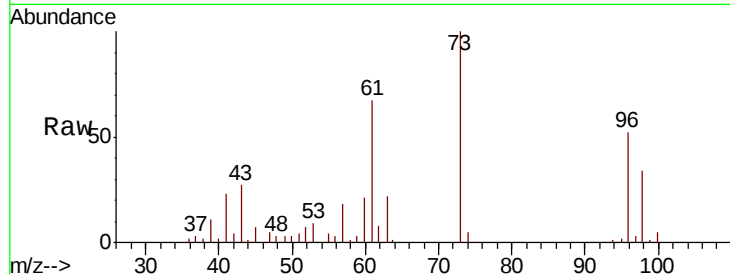




#19  
Methvl tert-butvl Ether  
Concen: 45.519 ug/l  
RT: 4.23 min Scan# 285  
Delta R.T. 0.02 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

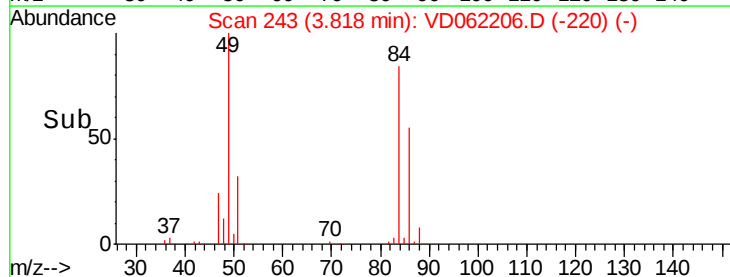
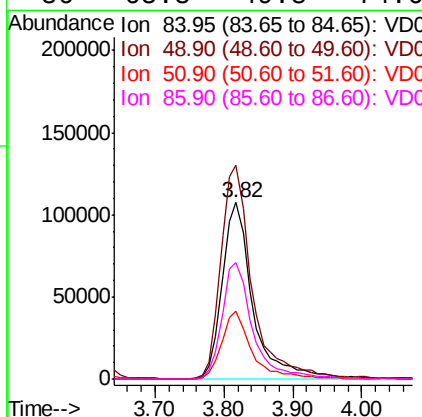
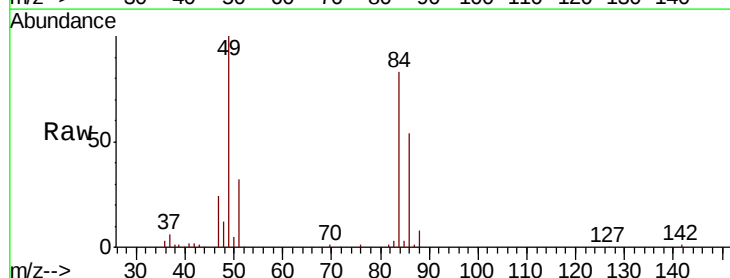
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

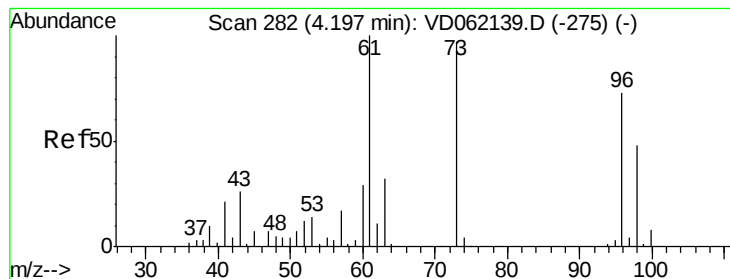
Tot Ion: 73 Resp: 642505  
Ion Ratio Lower Upper  
73 100  
57 18.3 16.3 24.5



#20  
Methylene Chloride  
Concen: 46.699 ug/l  
RT: 3.82 min Scan# 243  
Delta R.T. 0.02 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Tgt Ion: 84 Resp: 328194  
Ion Ratio Lower Upper  
84 100  
49 121.2 94.0 141.0  
51 38.7 29.0 43.4  
86 65.8 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 46.573 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

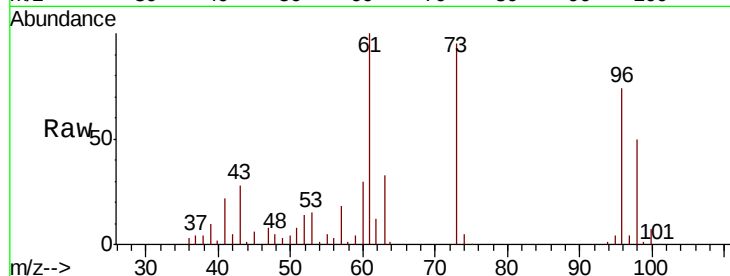
Tot Ion: 96 Resp: 341278

Ion Ratio Lower Upper

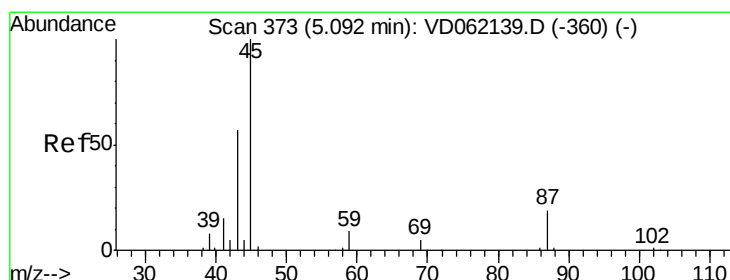
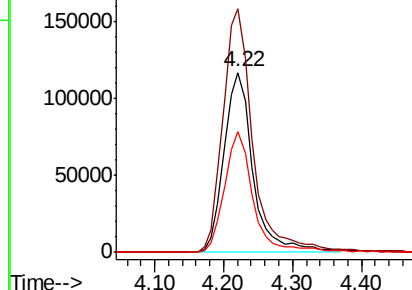
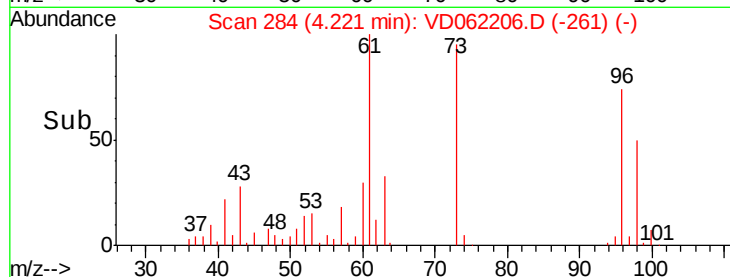
96 100

61 135.5 104.4 156.6

98 67.5 51.8 77.8



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



#22

Diisopropyl ether

Concen: 47.205 ug/l

RT: 5.12 min Scan# 375

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Tgt Ion: 45 Resp: 961808

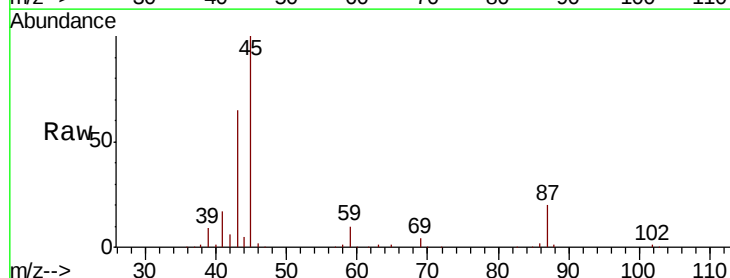
Ion Ratio Lower Upper

45 100

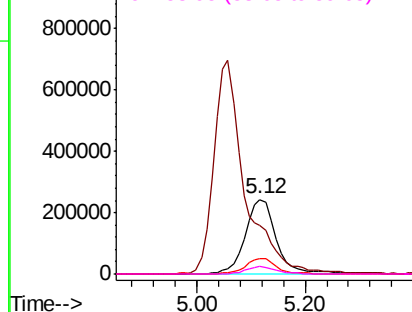
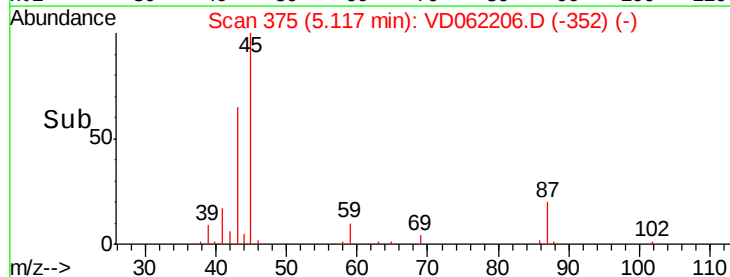
43 65.0 46.2 69.2

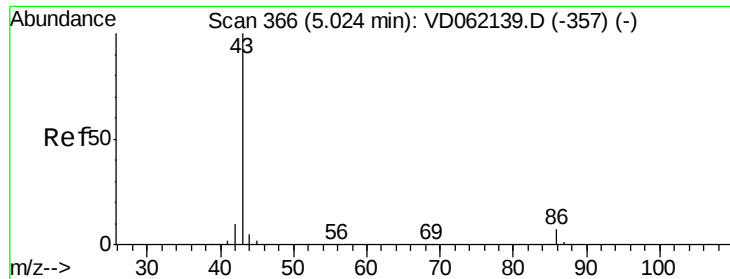
87 20.2 15.9 23.9

59 9.8 7.9 11.9



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

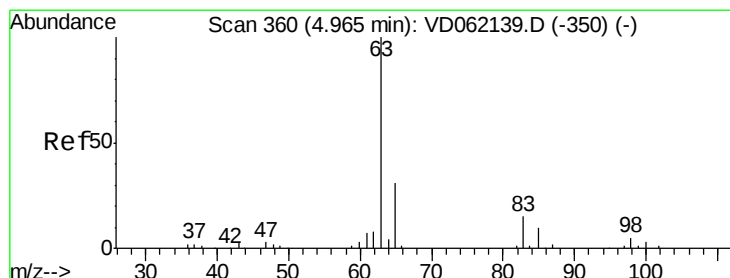
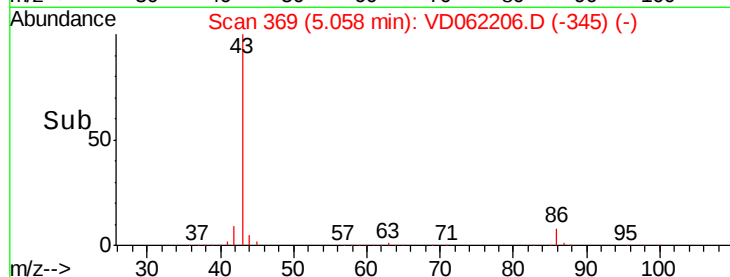
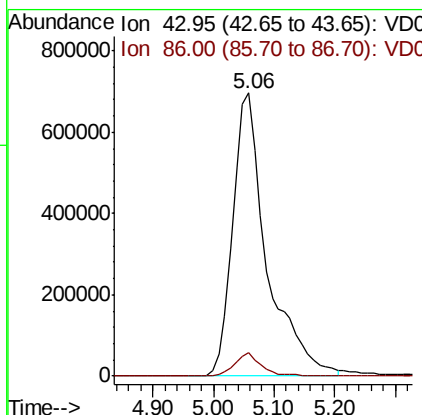
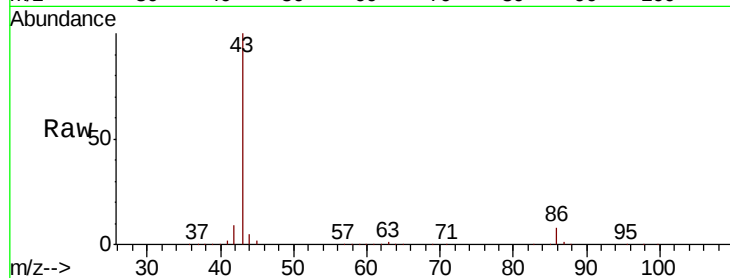




#23  
 Vinyl Acetate  
 Concen: 254.102 ug/l  
 RT: 5.06 min Scan# 369  
 Delta R.T. 0.03 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

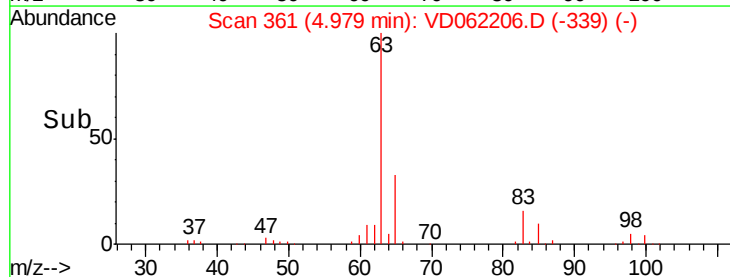
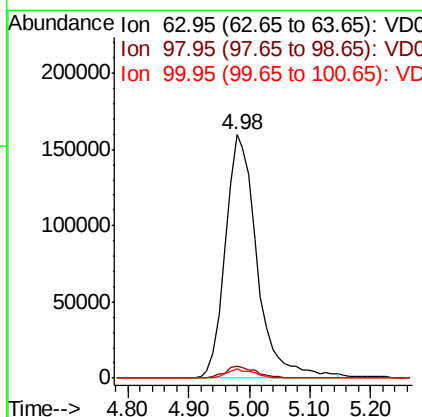
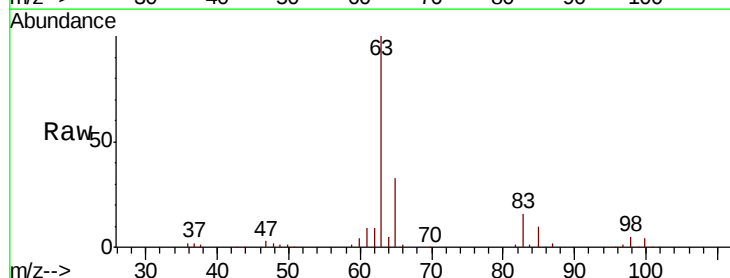
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 2731641  
 Ion Ratio Lower Upper  
 43 100  
 86 8.1 6.4 9.6



#24  
 1,1-Dichloroethane  
 Concen: 47.003 ug/l  
 RT: 4.98 min Scan# 361  
 Delta R.T. 0.01 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

Tgt Ion: 63 Resp: 577747  
 Ion Ratio Lower Upper  
 63 100  
 98 5.0 2.8 8.4  
 100 3.9 1.8 5.5





#25

2-Butanone

Concen: 246.835 ug/l

RT: 6.06 min Scan# 471

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

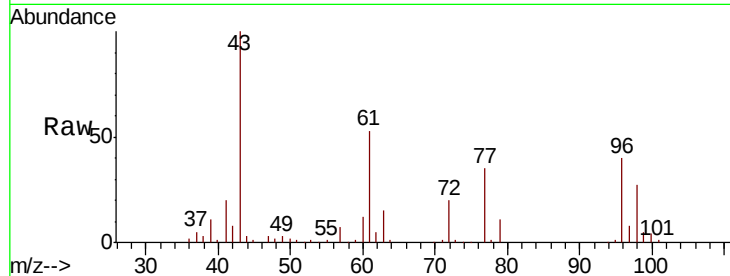
VSTDCCC050

Tot Ion: 43 Resp: 453168

Ion Ratio Lower Upper

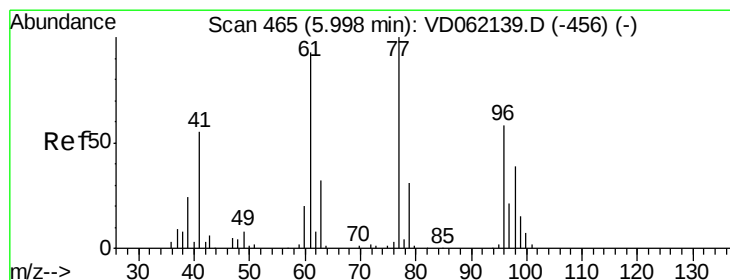
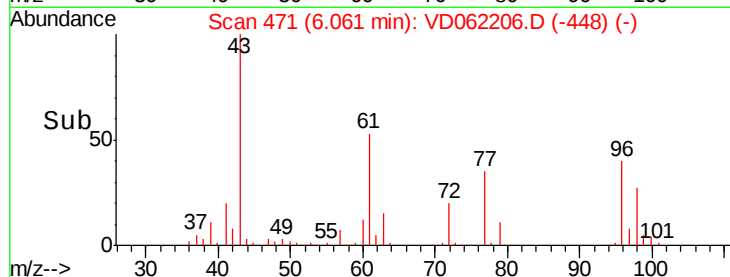
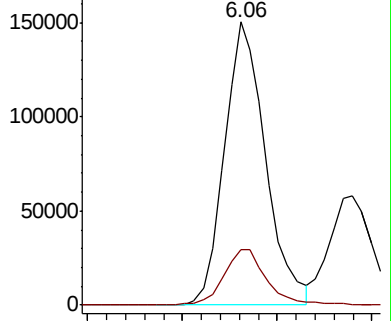
43 100

72 19.8 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 50.954 ug/l

RT: 6.02 min Scan# 467

Delta R.T. 0.02 min

Lab File: VD062206.D

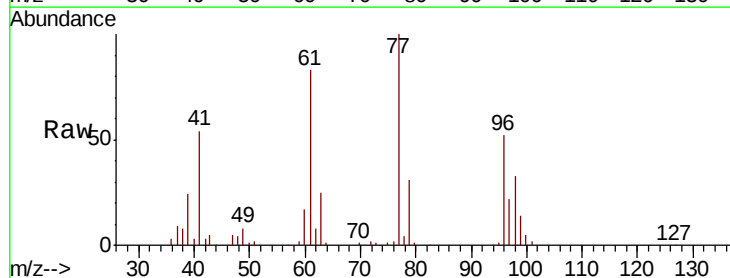
Acq: 10 May 2019 10:32

Tgt Ion: 77 Resp: 623871

Ion Ratio Lower Upper

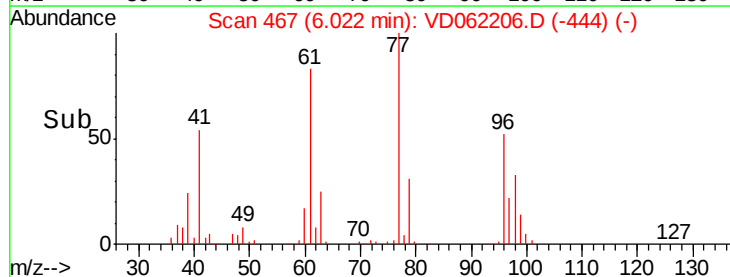
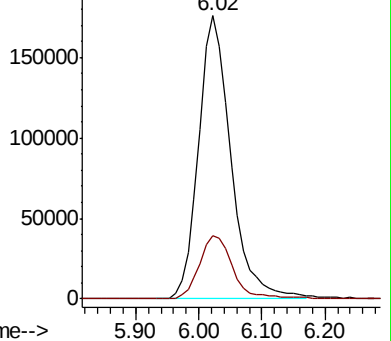
77 100

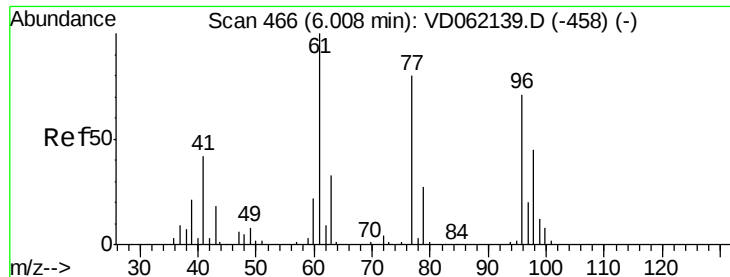
97 22.4 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



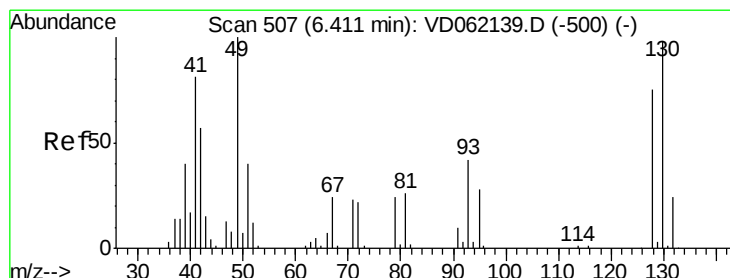
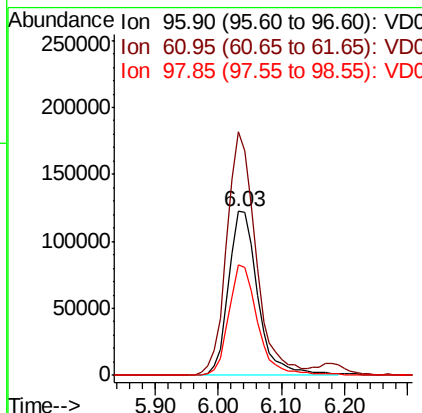
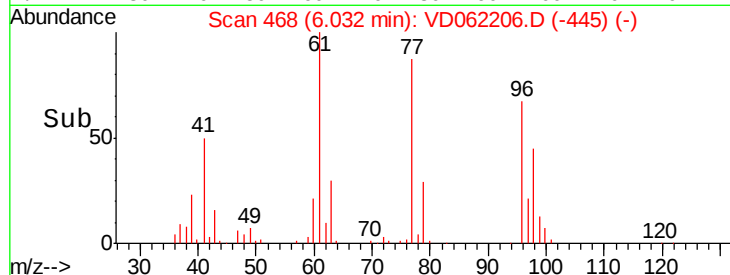
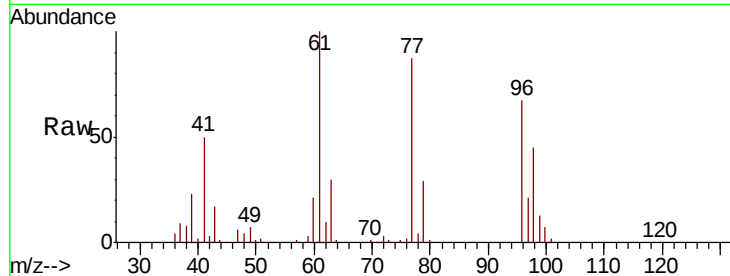


#27

cis-1,2-Dichloroethene  
 Concen: 47.935 ug/l  
 RT: 6.03 min Scan# 468  
 Delta R.T. 0.02 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

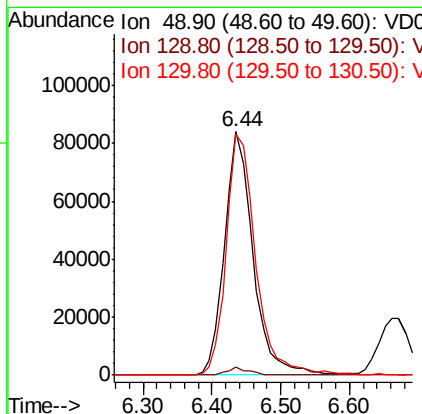
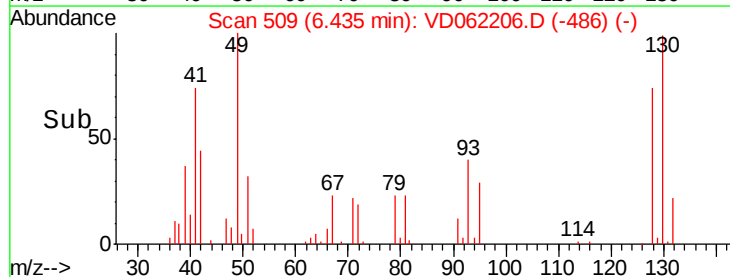
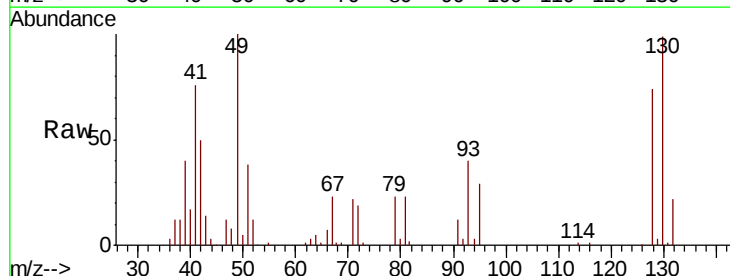
Tot Ion: 96 Resp: 393179  
 Ion Ratio Lower Upper  
 96 100  
 61 148.7 0.0 279.8  
 98 67.7 0.0 136.0

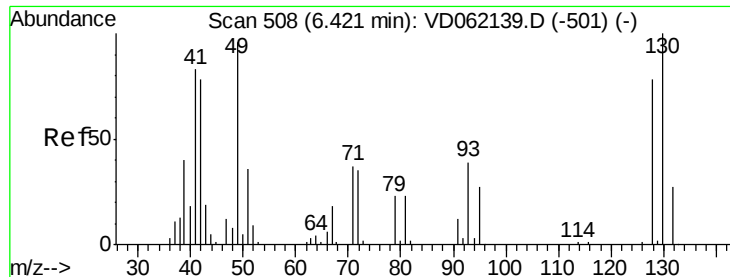


#28

Bromochloromethane  
 Concen: 49.904 ug/l  
 RT: 6.44 min Scan# 509  
 Delta R.T. 0.02 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

Tgt Ion: 49 Resp: 241334  
 Ion Ratio Lower Upper  
 49 100  
 129 3.3 0.0 6.6  
 130 99.1 86.7 130.1





#29

Tetrahydrofuran

Concen: 223.540 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.03 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

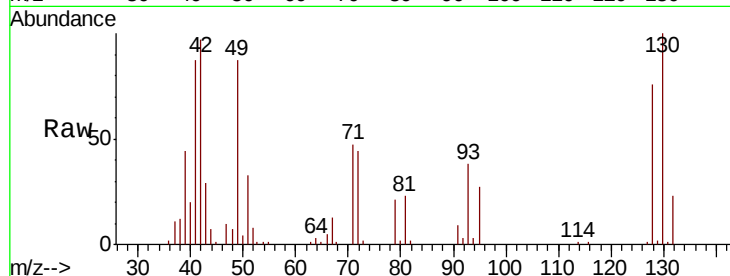
Tot Ion: 42 Resp: 189096

Ion Ratio Lower Upper

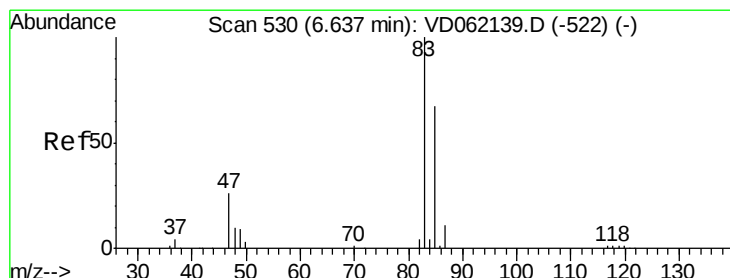
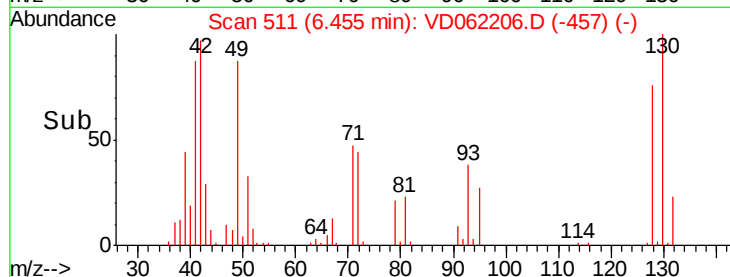
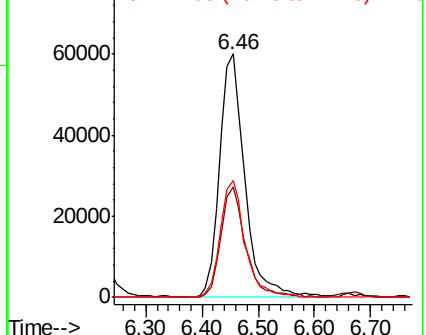
42 100

72 43.9 37.8 56.6

71 46.7 36.7 55.1



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



#30

Chloroform

Concen: 47.364 ug/l

RT: 6.66 min Scan# 532

Delta R.T. 0.02 min

Lab File: VD062206.D

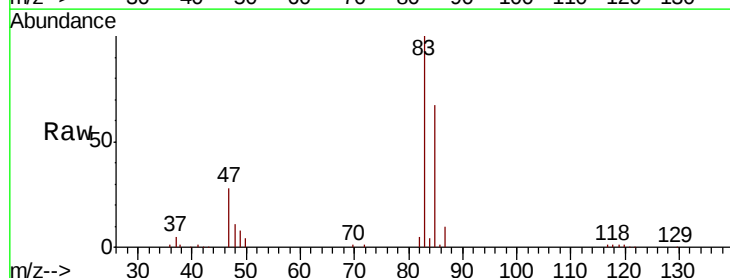
Acq: 10 May 2019 10:32

Tgt Ion: 83 Resp: 701636

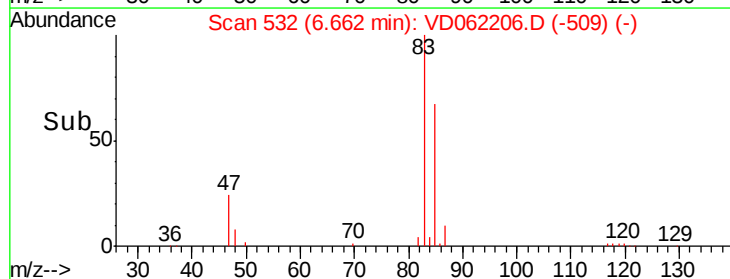
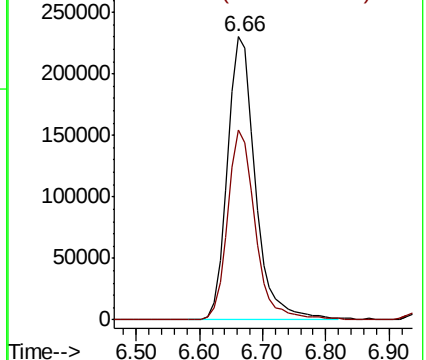
Ion Ratio Lower Upper

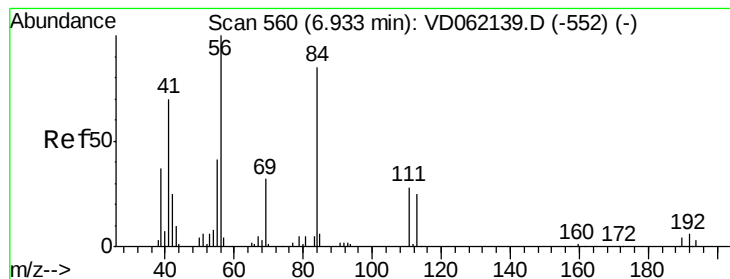
83 100

85 67.0 51.7 77.5



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





#31

Cyclohexane

Concen: 48.882 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

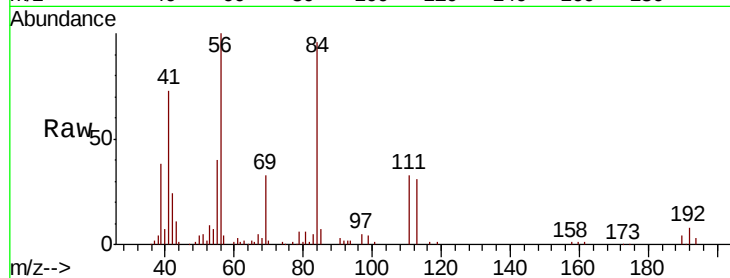
Tot Ion: 56 Resp: 411637

Ion Ratio Lower Upper

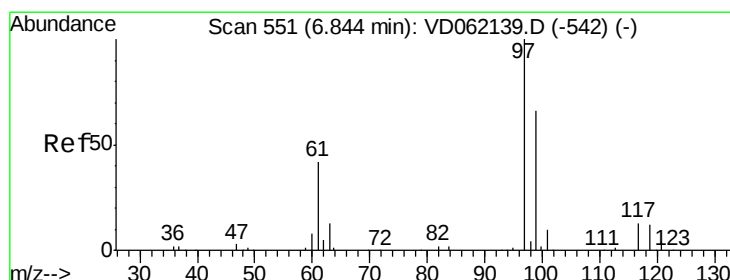
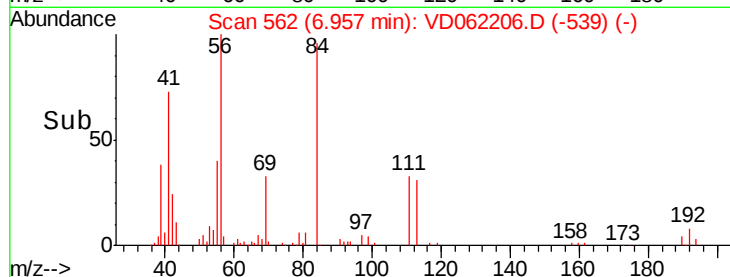
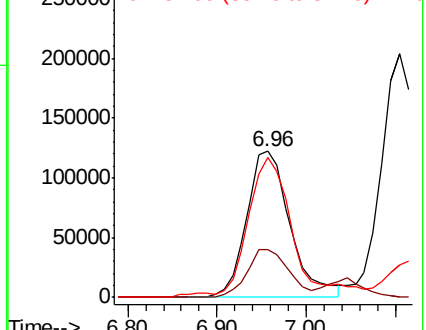
56 100

69 32.9 25.8 38.6

84 96.1 72.2 108.4



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



#32

1,1,1-Trichloroethane

Concen: 48.337 ug/l

RT: 6.87 min Scan# 553

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

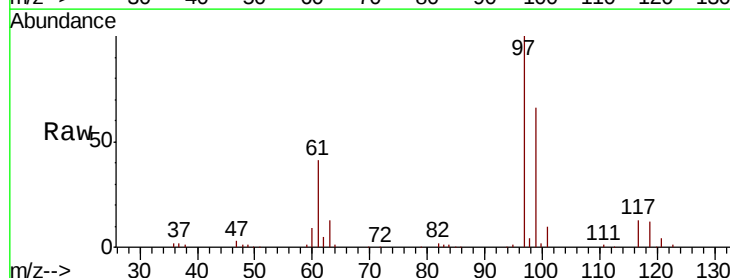
Tgt Ion: 97 Resp: 676788

Ion Ratio Lower Upper

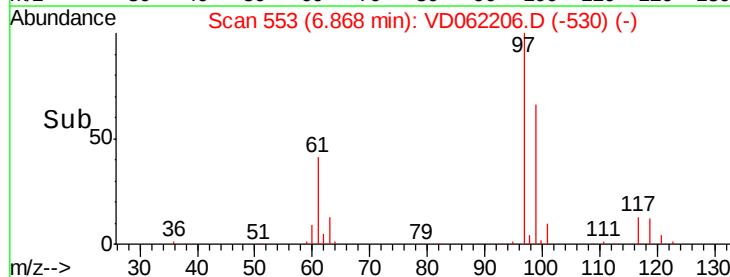
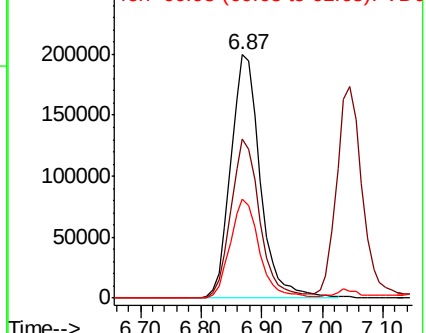
97 100

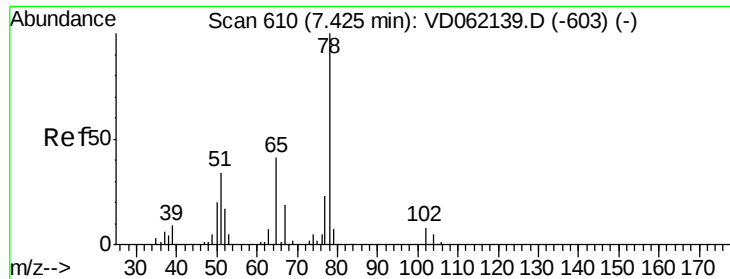
99 65.6 52.2 78.2

61 40.6 32.4 48.6



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





#33

1,2-Dichloroethane-d4

Concen: 50.285 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

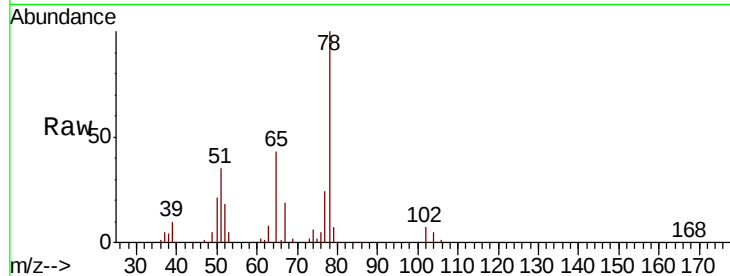
VSTDCCC050

Tot Ion: 65 Resp: 403593

Ion Ratio Lower Upper

65 100

67 43.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

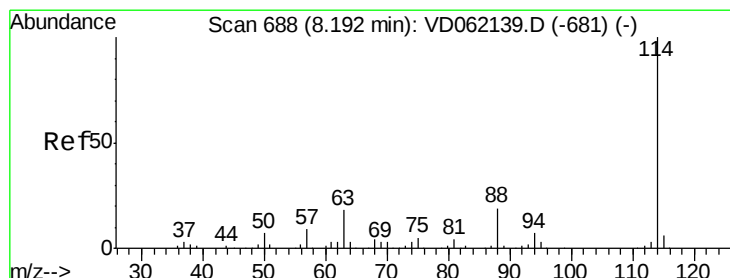
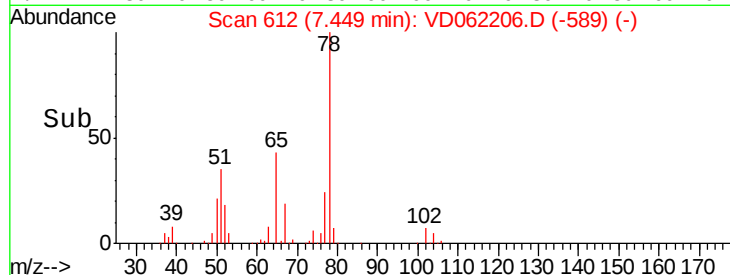
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

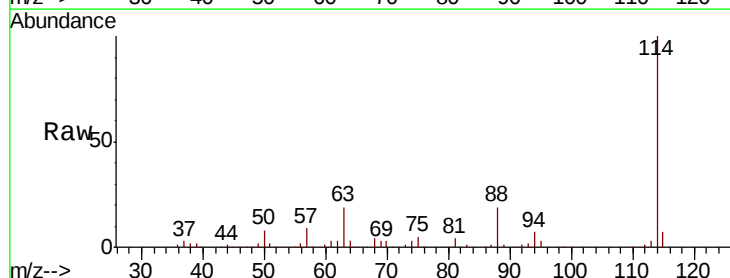
Tgt Ion: 114 Resp: 1144021

Ion Ratio Lower Upper

114 100

63 19.2 0.0 32.4

88 19.1 0.0 33.6



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

600000

500000

400000

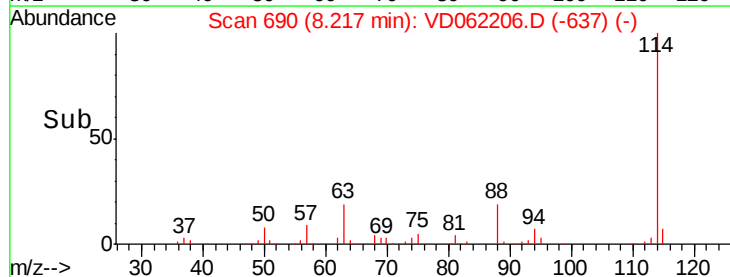
300000

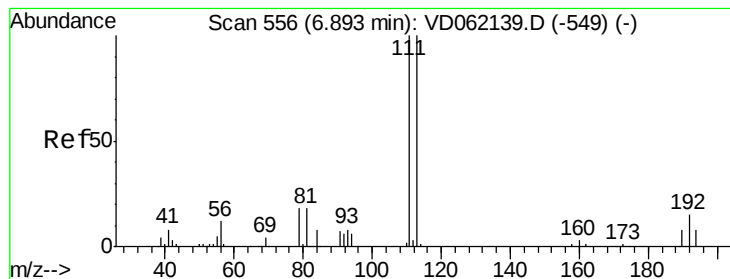
200000

100000

0

Time--> 8.00 8.20 8.40 8.60





#35

Dibromofluoromethane

Concen: 51.600 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

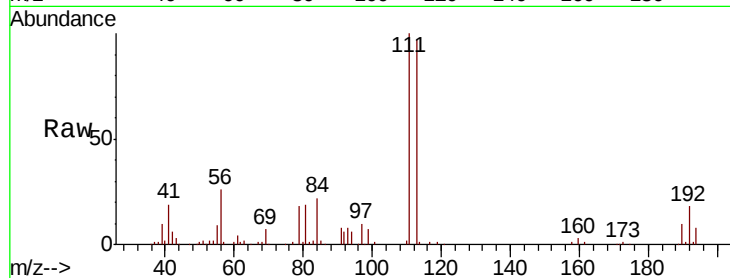
Tot Ion:113 Resp: 489789

Ion Ratio Lower Upper

113 100

111 102.7 78.5 117.7

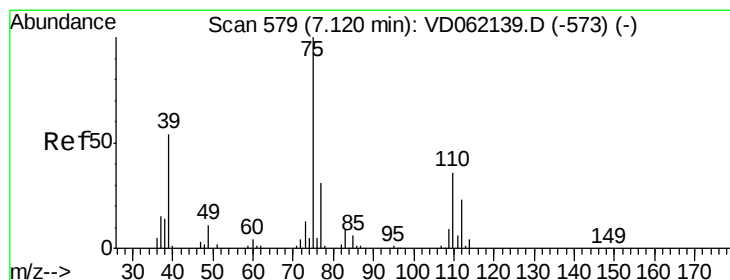
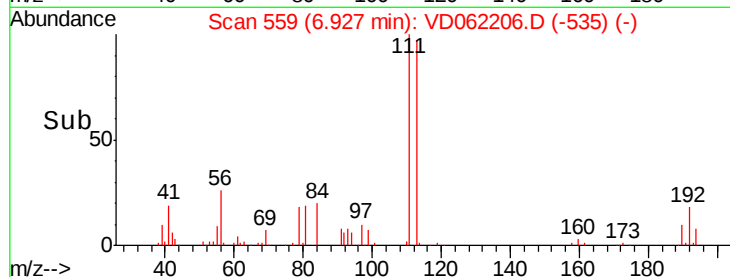
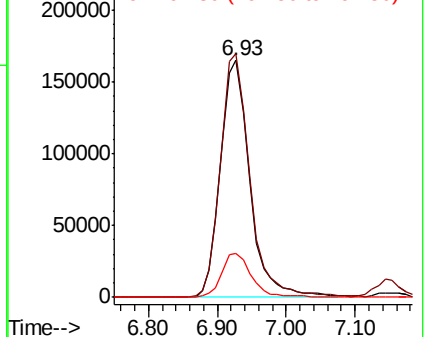
192 18.4 13.0 19.4



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: 51.281 ug/l

RT: 7.14 min Scan# 581

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

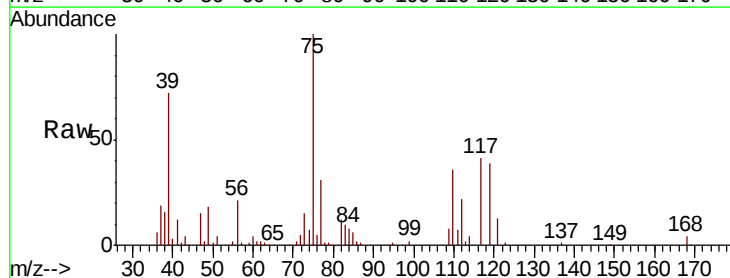
Tgt Ion: 75 Resp: 481015

Ion Ratio Lower Upper

75 100

110 35.7 19.1 57.1

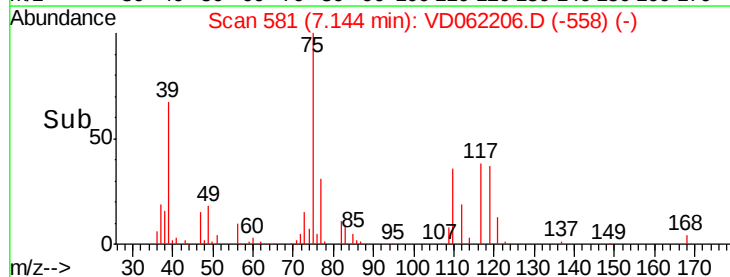
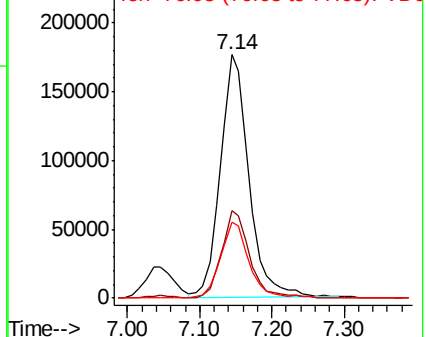
77 31.0 25.6 38.4

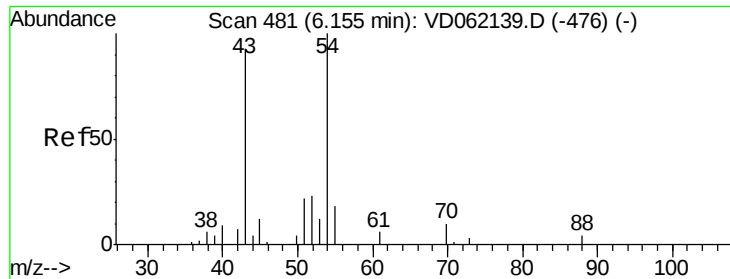


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

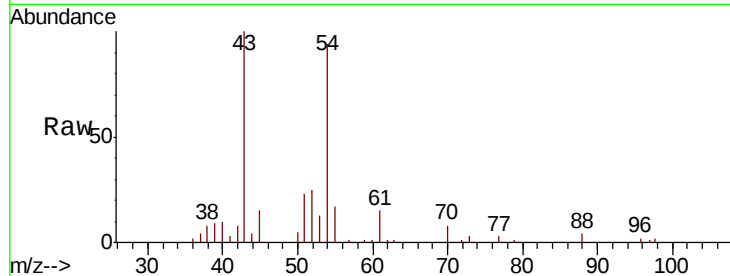




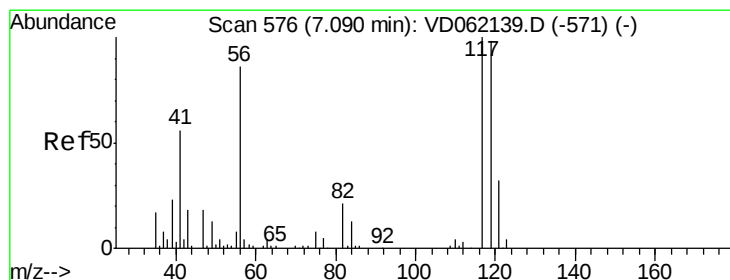
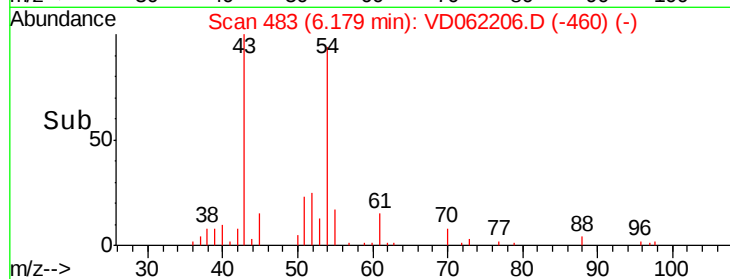
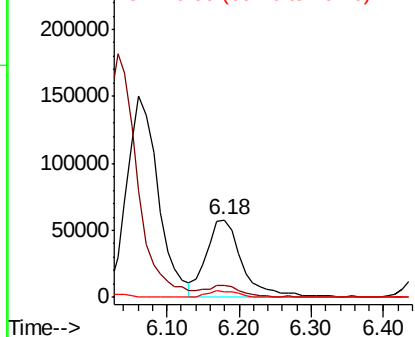
#37  
Ethyl Acetate  
Concen: 48.299 ug/l  
RT: 6.18 min Scan# 483  
Delta R.T. 0.02 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 192128  
Ion Ratio Lower Upper  
43 100  
61 14.6 14.7 22.1#  
70 7.8 7.8 11.6

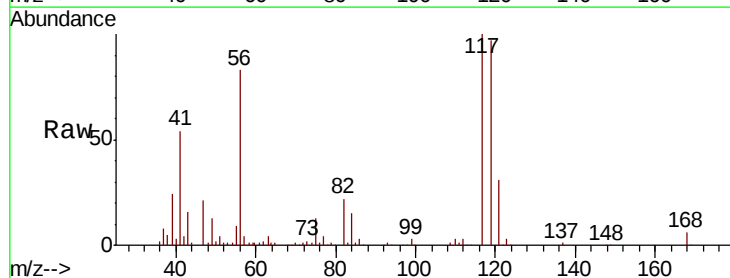


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

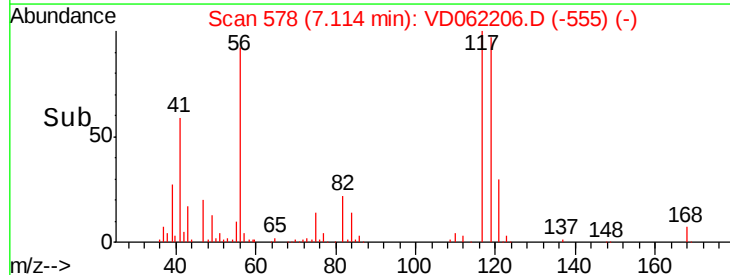
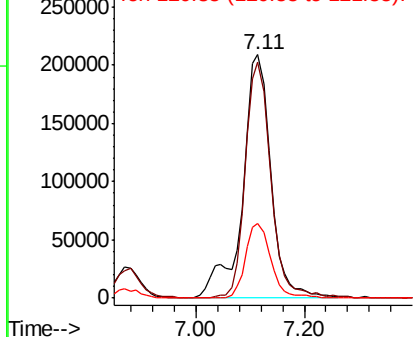


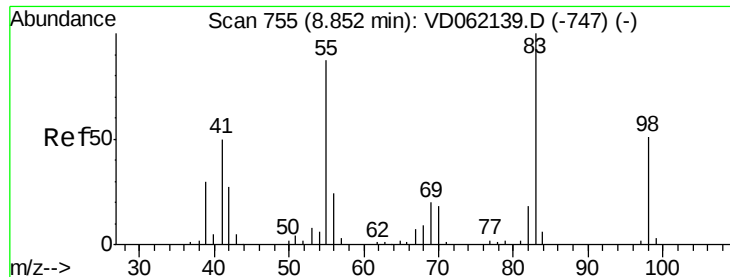
#38  
Carbon Tetrachloride  
Concen: 58.259 ug/l  
RT: 7.11 min Scan# 578  
Delta R.T. 0.02 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Tgt Ion: 117 Resp: 756348  
Ion Ratio Lower Upper  
117 100  
119 96.7 75.8 113.8  
121 30.7 25.9 38.9



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 118.85 (118.55 to 119.55): V  
Ion 120.85 (120.55 to 121.55): V

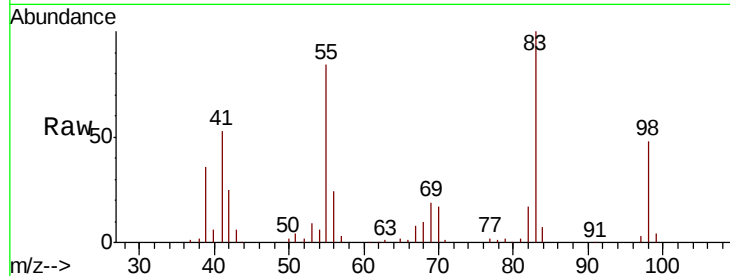




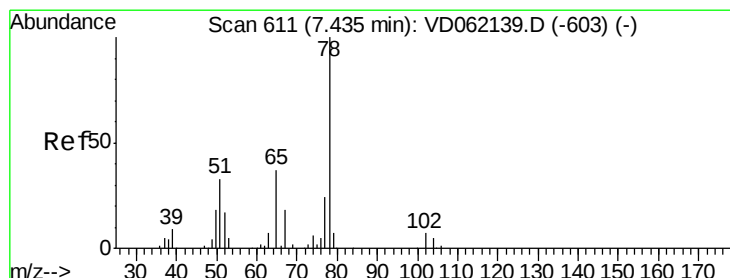
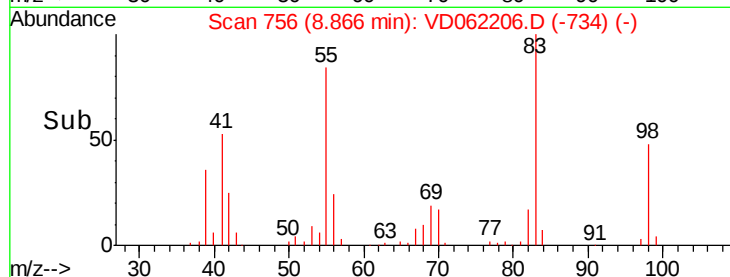
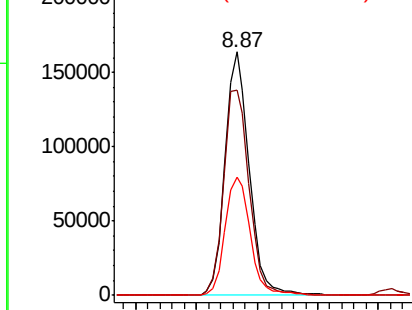
#39  
Methvlcvclohexane  
Concen: 50.639 ug/l  
RT: 8.87 min Scan# 756  
Delta R.T. 0.01 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 83 Resp: 455093  
Ion Ratio Lower Upper  
83 100  
55 84.3 68.2 102.4  
98 48.5 38.2 57.4

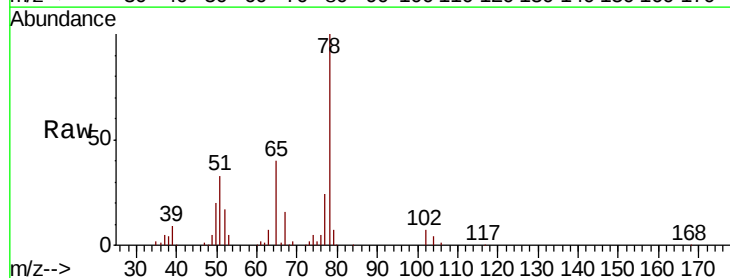


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

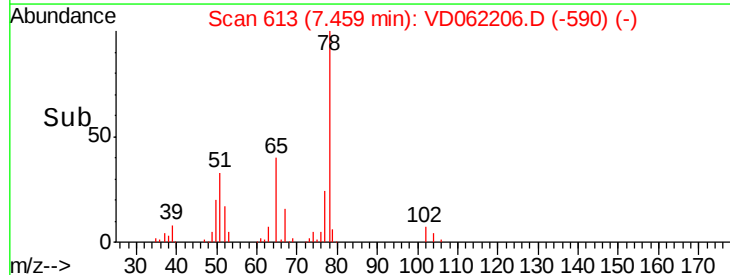
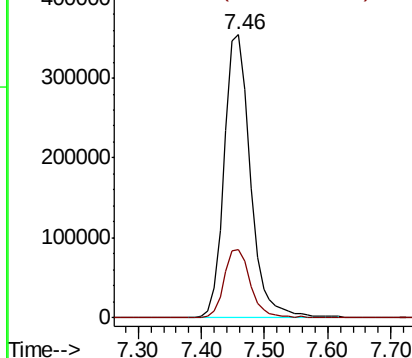


#40  
Benzene  
Concen: 48.388 ug/l  
RT: 7.46 min Scan# 613  
Delta R.T. 0.02 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Tgt Ion: 78 Resp: 1024903  
Ion Ratio Lower Upper  
78 100  
77 24.3 19.7 29.5



Abundance Ion 77.95 (77.65 to 78.65): VDC  
Ion 76.95 (76.65 to 77.65): VDC

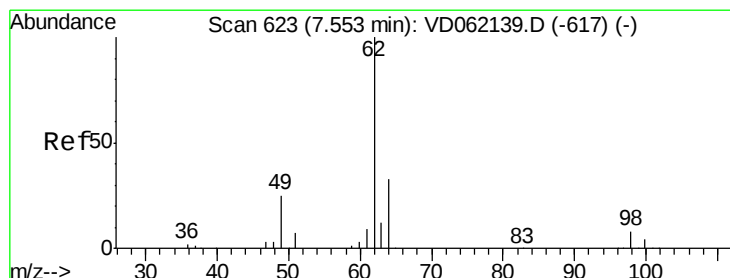
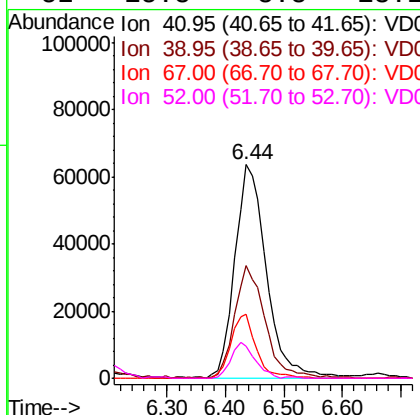
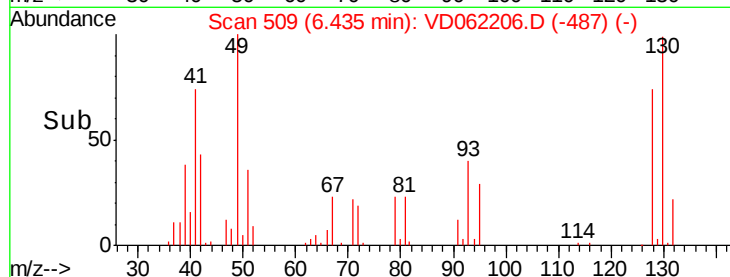
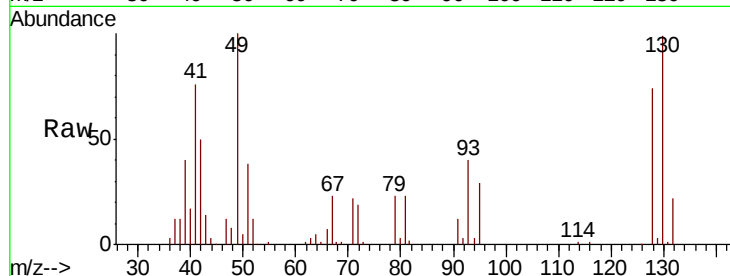




#41  
Methacrylonitrile  
Concen: 49.424 ug/l  
RT: 6.44 min Scan# 509  
Delta R.T. 0.01 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

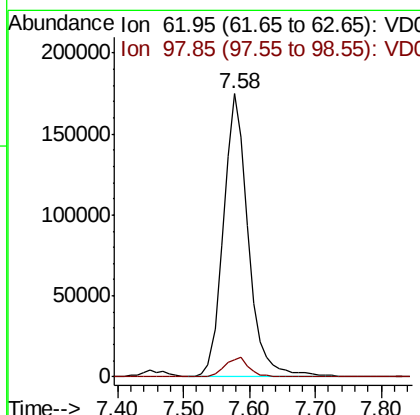
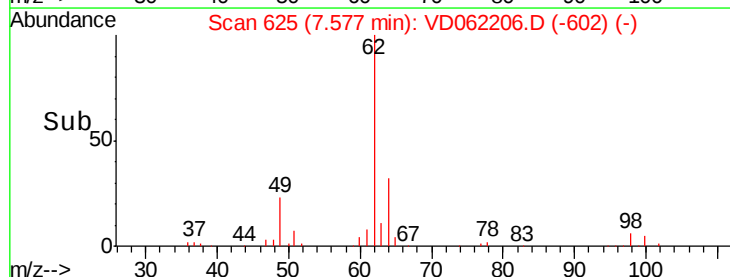
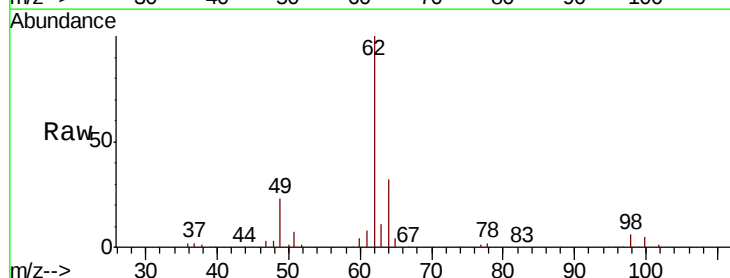
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

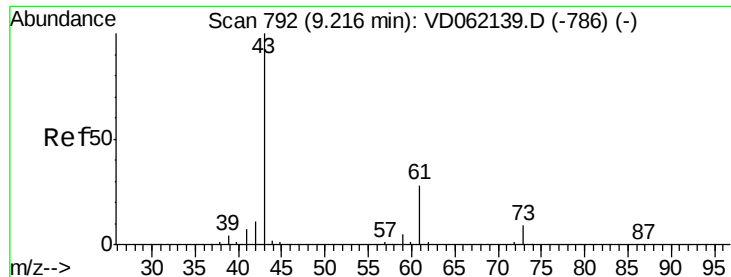
Tot Ion: 41 Resp: 240259  
Ion Ratio Lower Upper  
41 100  
39 52.5 34.1 51.1#  
67 30.2 23.8 35.6  
52 15.8 8.8 13.2#



#42  
1,2-Dichloroethane  
Concen: 51.501 ug/l  
RT: 7.58 min Scan# 625  
Delta R.T. 0.02 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Tgt Ion: 62 Resp: 462174  
Ion Ratio Lower Upper  
62 100  
98 6.0 0.0 17.8



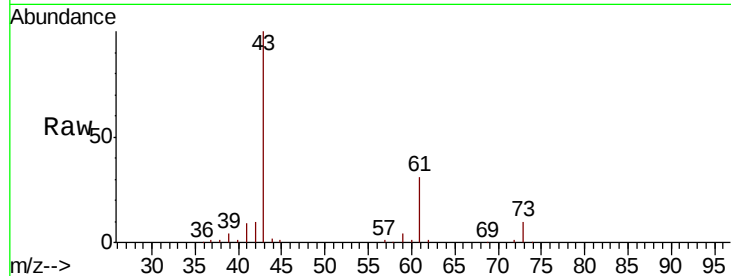


#43

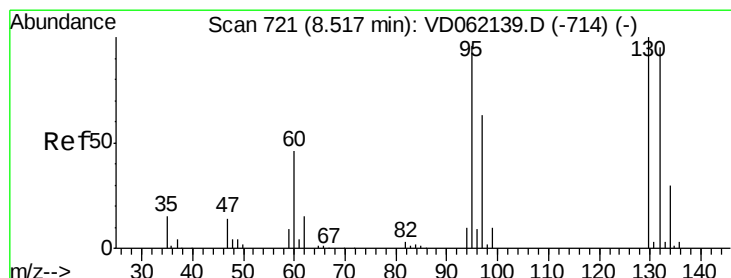
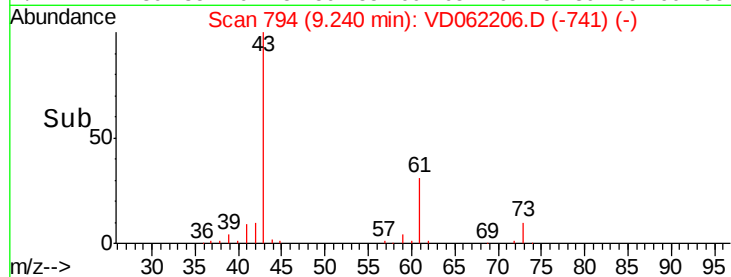
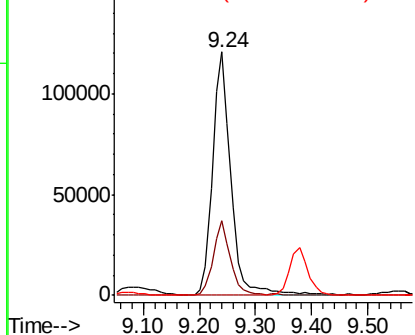
Isopropyl Acetate  
 Concen: 49.408 ug/l  
 RT: 9.24 min Scan# 794  
 Delta R.T. 0.02 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 278738  
 Ion Ratio Lower Upper  
 43 100  
 61 30.5 25.1 37.7  
 87 0.0 0.0 0.0



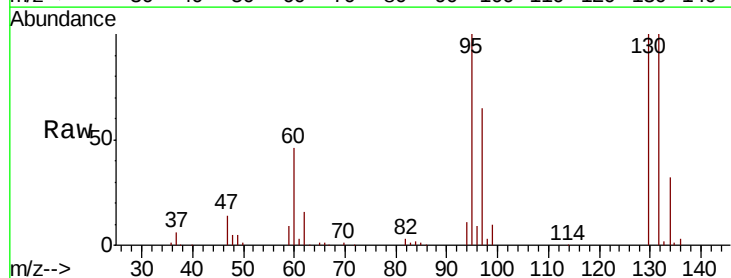
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



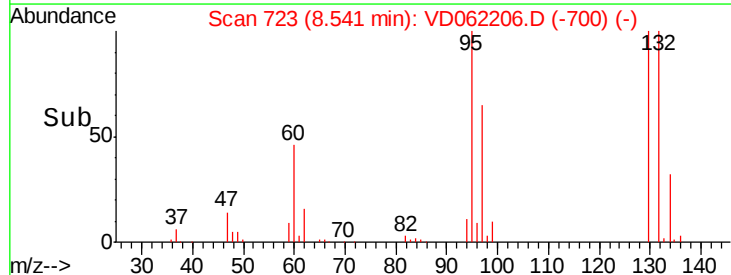
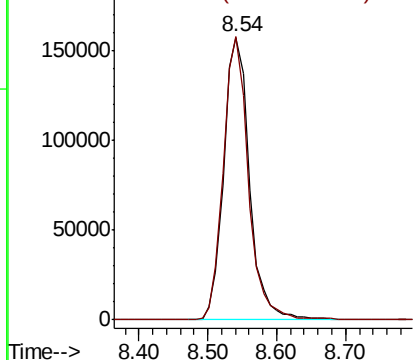
#44

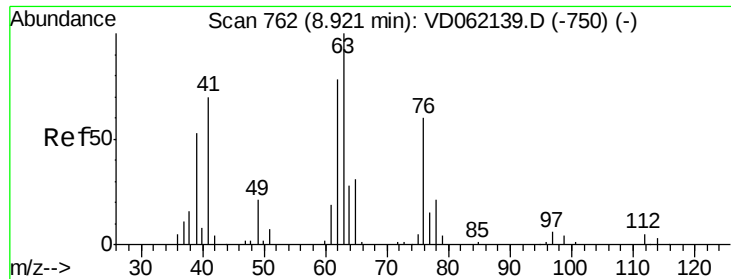
Trichloroethene  
 Concen: 50.432 ug/l  
 RT: 8.54 min Scan# 723  
 Delta R.T. 0.02 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

Tgt Ion: 130 Resp: 407042  
 Ion Ratio Lower Upper  
 130 100  
 95 100.2 0.0 174.0



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





#45

1,2-Dichloropropane

Concen: 47.617 ug/l

RT: 8.94 min Scan# 764

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

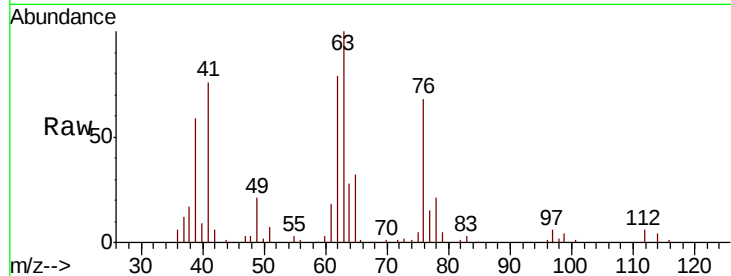
VSTDCCC050

Tot Ion: 63 Resp: 249469

Ion Ratio Lower Upper

63 100

65 31.9 23.8 35.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.94

100000

80000

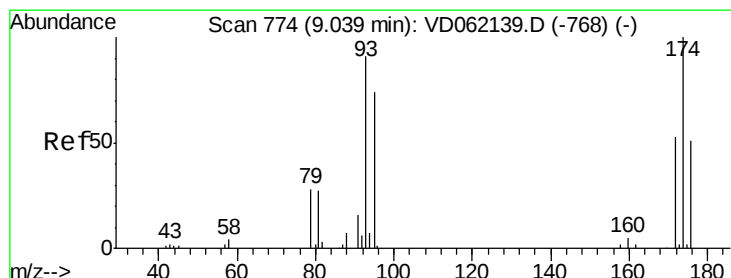
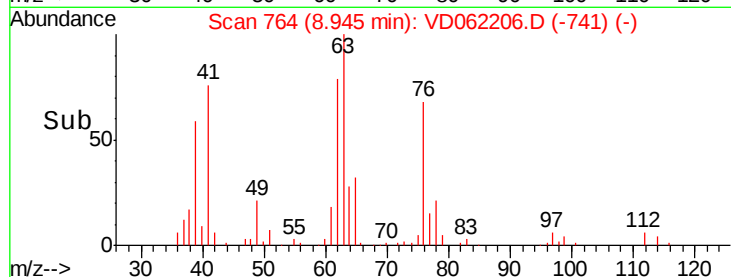
60000

40000

20000

0

Time--> 8.80 8.90 9.00 9.10



#46

Dibromomethane

Concen: 49.322 ug/l

RT: 9.06 min Scan# 776

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

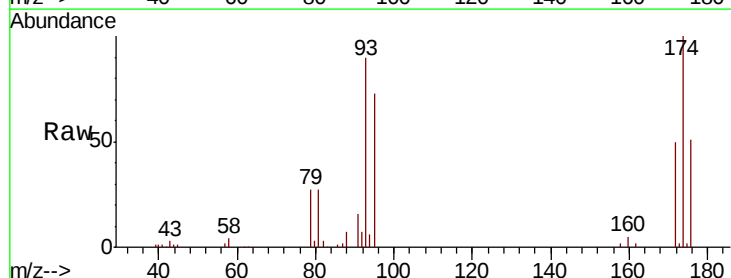
Tgt Ion: 93 Resp: 210132

Ion Ratio Lower Upper

93 100

95 81.7 64.8 97.2

174 111.5 79.3 118.9



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

120000

100000

80000

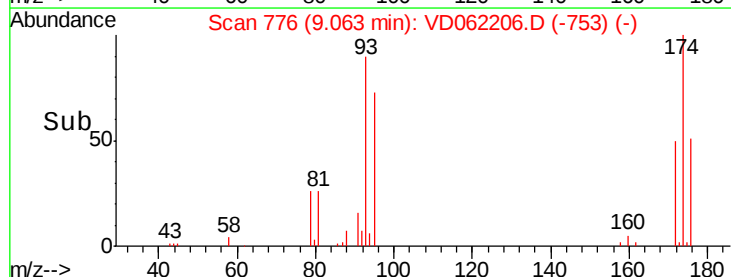
60000

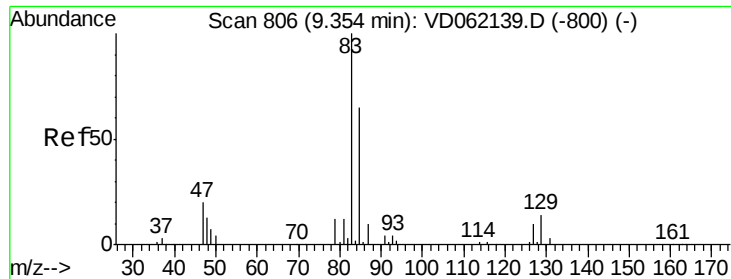
40000

20000

0

Time--> 9.00 9.10 9.20





#47

Bromodichloromethane

Concen: 50.778 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

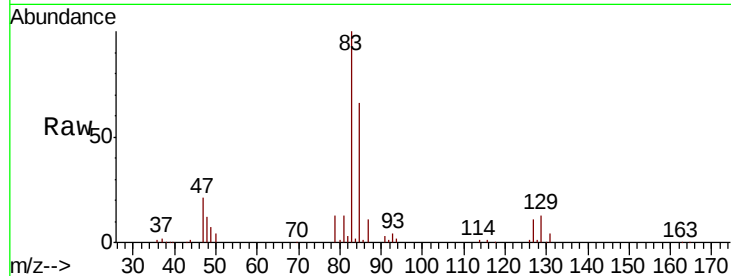
Tot Ion: 83 Resp: 529160

Ion Ratio Lower Upper

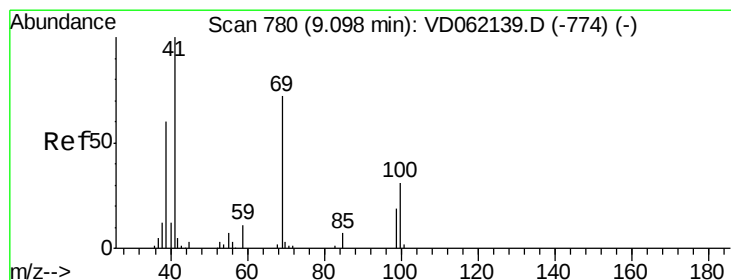
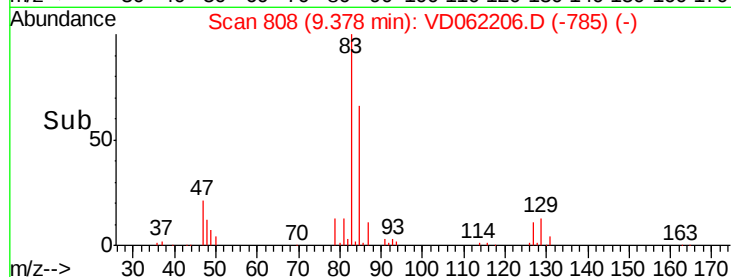
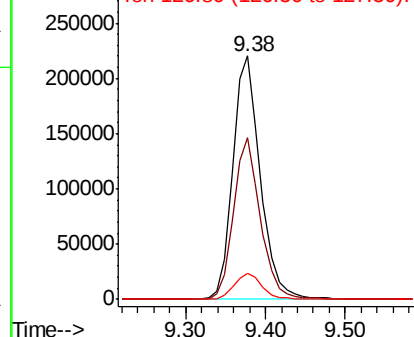
83 100

85 66.4 50.9 76.3

127 10.7 8.1 12.1



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): VDC



#48

Methyl methacrylate

Concen: 48.345 ug/l

RT: 9.12 min Scan# 782

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

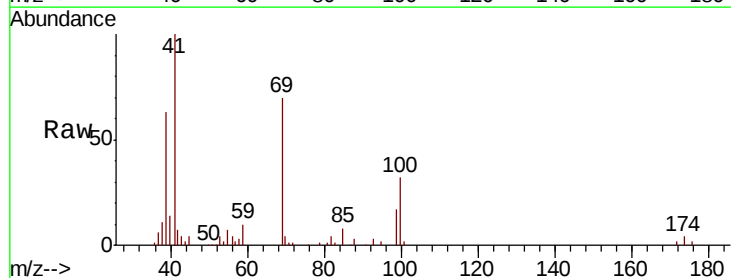
Tgt Ion: 41 Resp: 167998

Ion Ratio Lower Upper

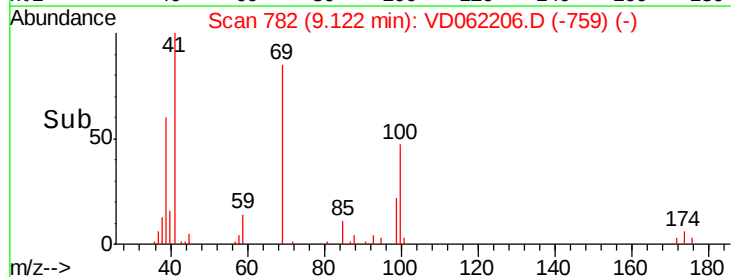
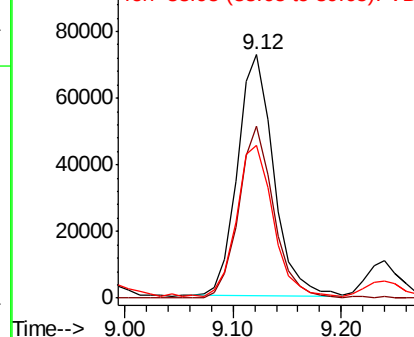
41 100

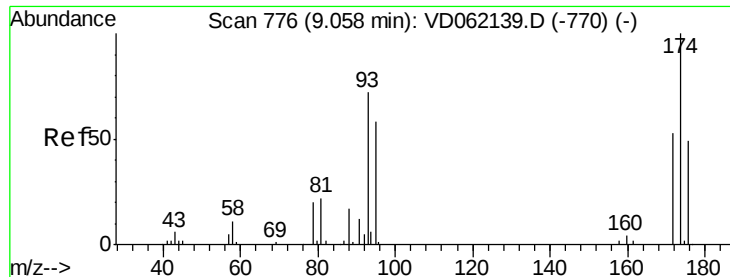
69 70.4 64.2 96.2

39 62.9 46.8 70.2



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

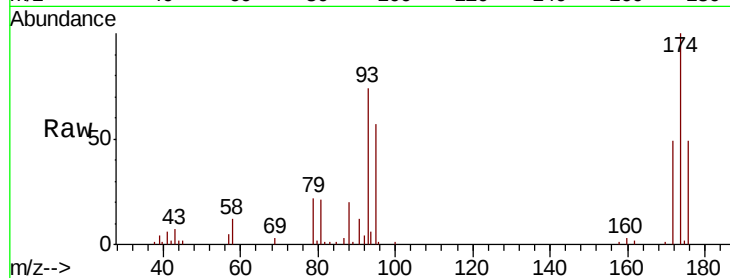




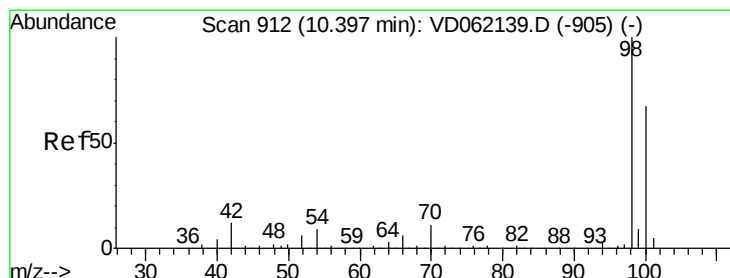
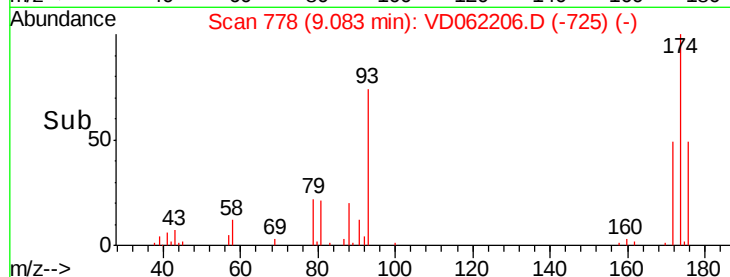
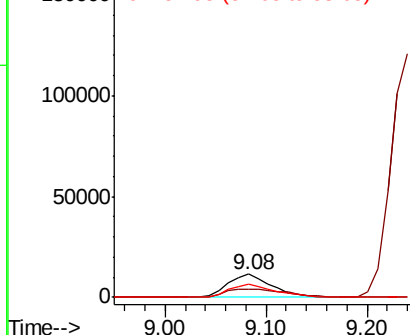
#49  
1,4-Dioxane  
Concen: 913.876 ug/l  
RT: 9.08 min Scan# 778  
Delta R.T. 0.02 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 88 Resp: 34264  
Ion Ratio Lower Upper  
88 100  
43 33.6 23.4 35.0  
58 58.5 44.0 66.0

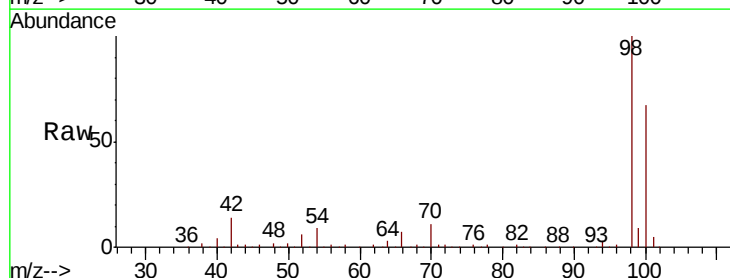


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

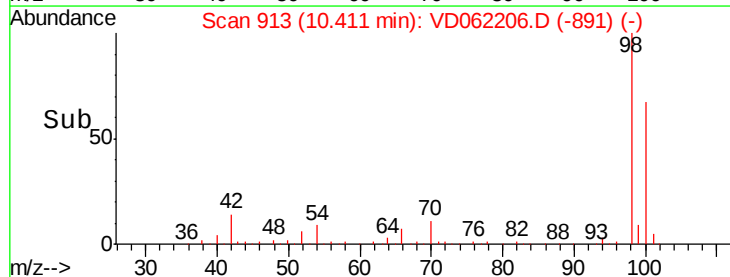
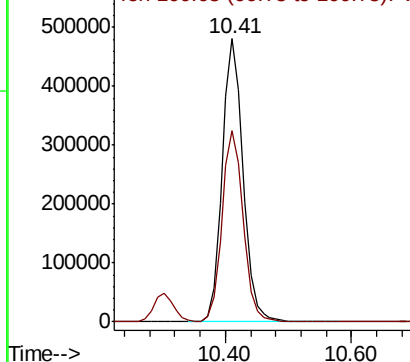


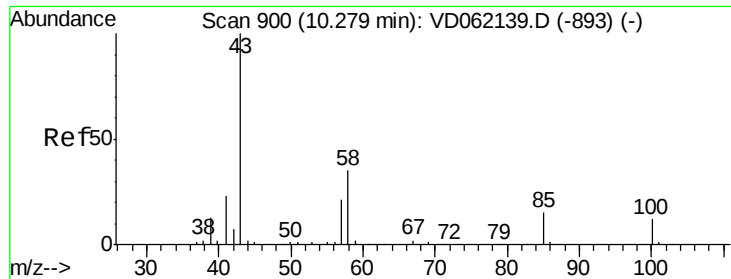
#50  
Toluene-d8  
Concen: 48.540 ug/l  
RT: 10.41 min Scan# 913  
Delta R.T. 0.01 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Tgt Ion: 98 Resp: 1110888  
Ion Ratio Lower Upper  
98 100  
100 67.4 53.8 80.8



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: 233.477 ug/l

RT: 10.30 min Scan# 902

Delta R.T. 0.02 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

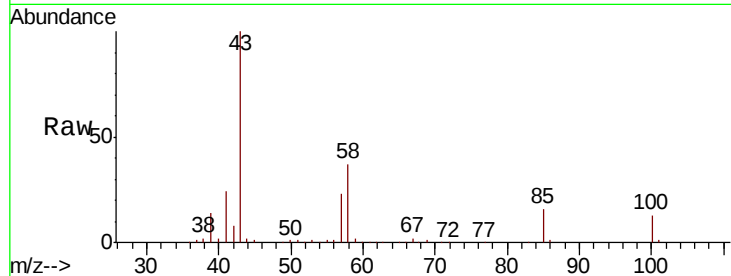
VSTDCCC050

Tot Ion: 43 Resp: 846685

Ion Ratio Lower Upper

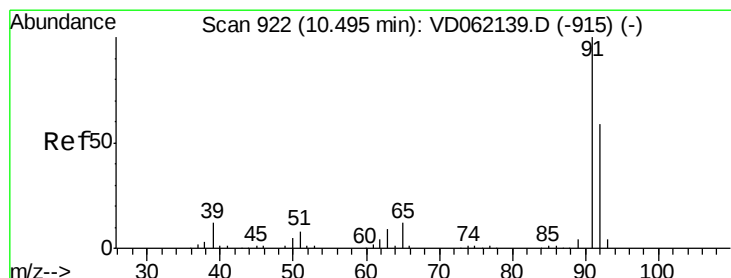
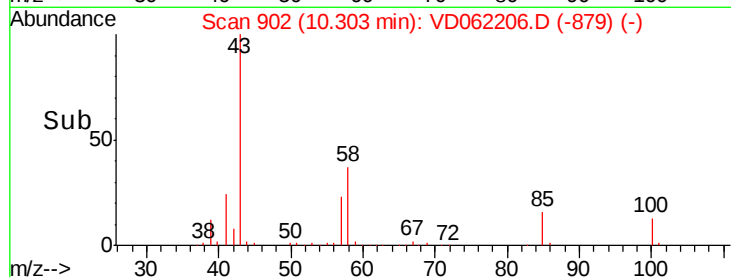
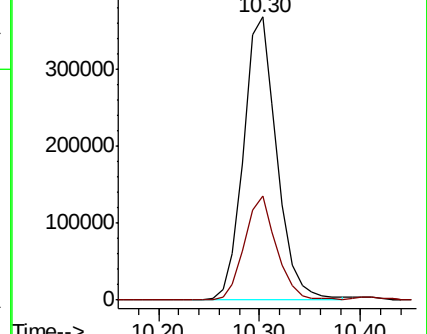
43 100

58 36.6 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 47.884 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD062206.D

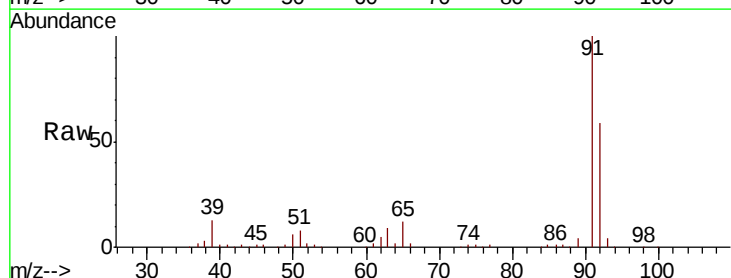
Acq: 10 May 2019 10:32

Tgt Ion: 92 Resp: 659902

Ion Ratio Lower Upper

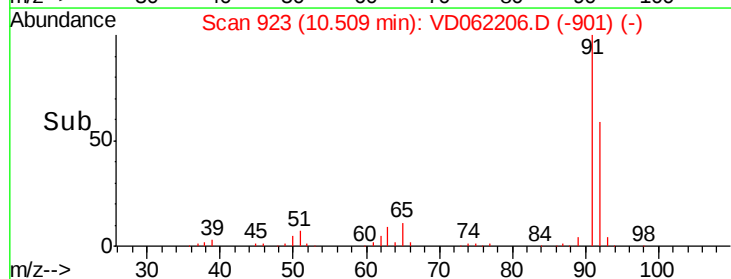
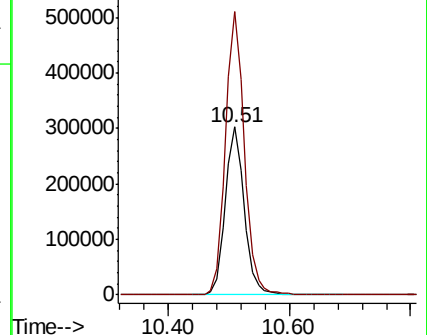
92 100

91 168.8 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

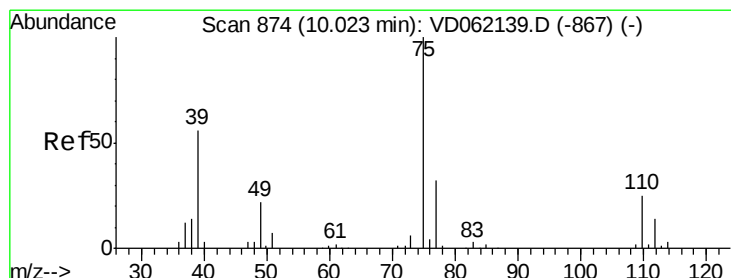
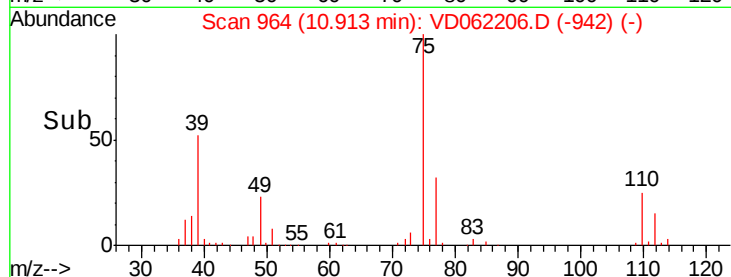
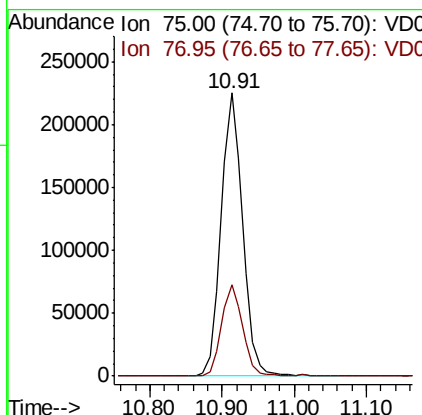
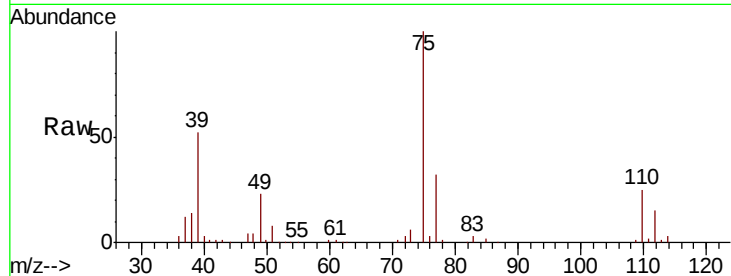




#53  
 t-1,3-Dichloropropene  
 Concen: 51.410 ug/l  
 RT: 10.91 min Scan# 964  
 Delta R.T. 0.01 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

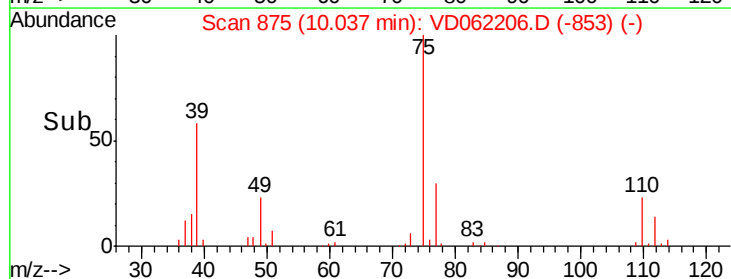
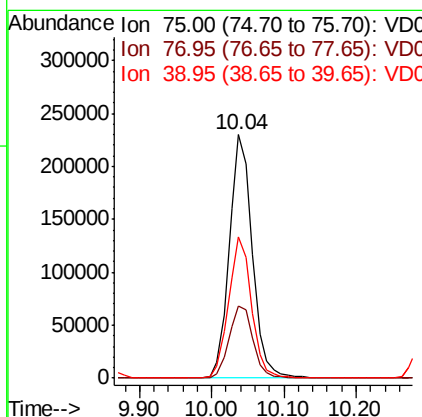
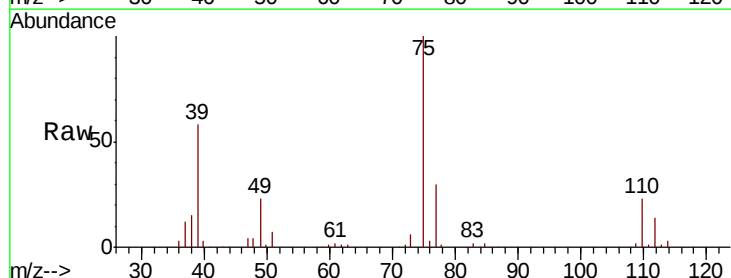
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

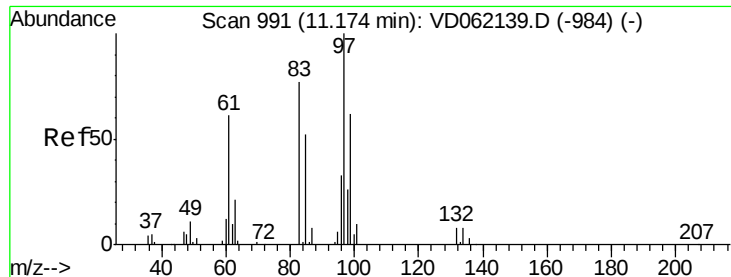
Tot Ion: 75 Resp: 463029  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.860 ug/l  
 RT: 10.04 min Scan# 875  
 Delta R.T. 0.01 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

Tgt Ion: 75 Resp: 509560  
 Ion Ratio Lower Upper  
 75 100  
 77 29.8 25.5 38.3  
 39 58.3 39.4 59.2

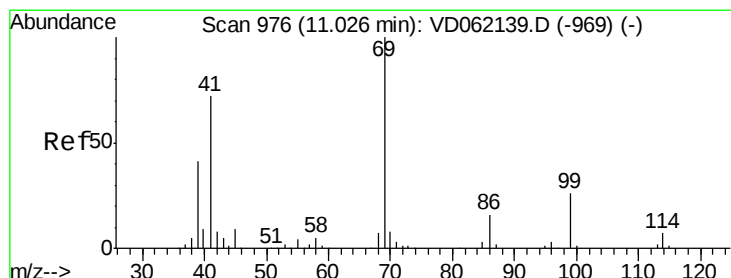
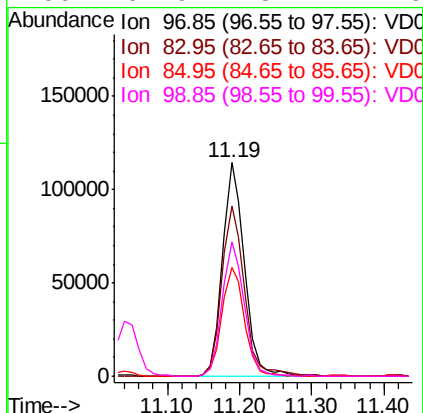
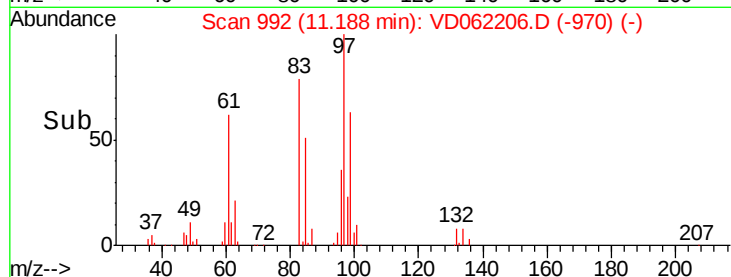
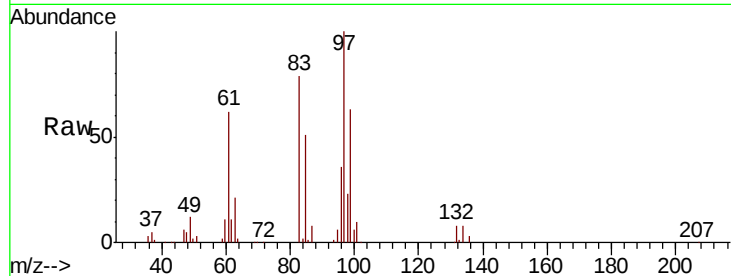




#55  
 1,1,2-Trichloroethane  
 Concen: 49.364 ug/l  
 RT: 11.19 min Scan# 992  
 Delta R.T. 0.01 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

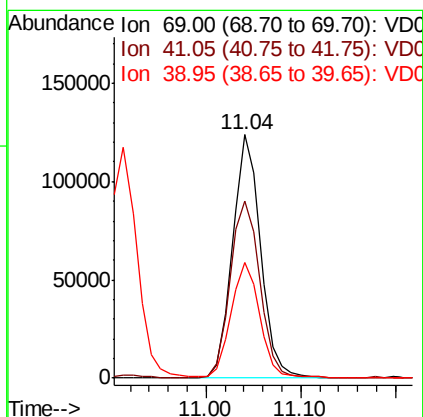
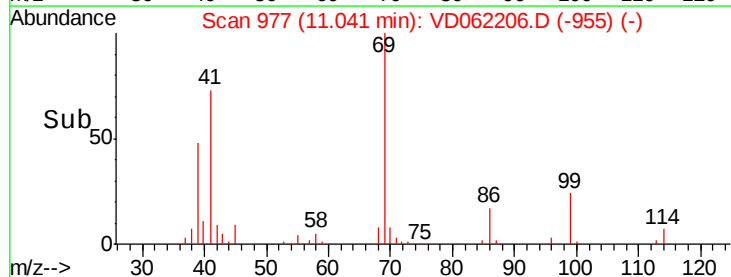
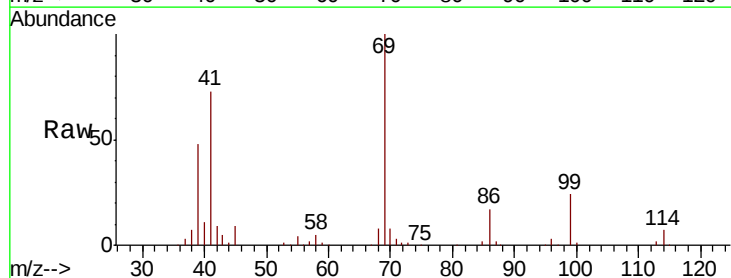
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

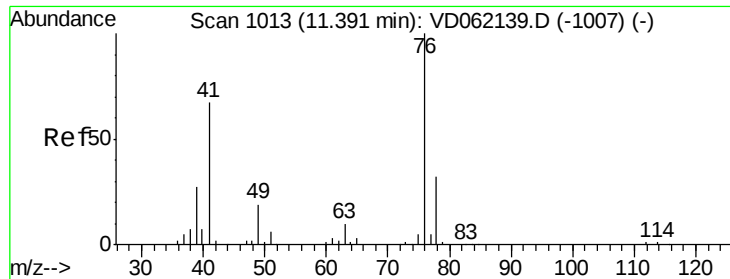
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 240704 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 79.5  | 65.7  | 98.5   |
| 85       | 50.9  | 45.6  | 68.4   |
| 99       | 62.9  | 48.4  | 72.6   |



#56  
 Ethyl methacrylate  
 Concen: 50.158 ug/l  
 RT: 11.04 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 254151 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 72.9  | 56.3  | 84.5   |
| 39       | 47.5  | 29.4  | 44.2#  |





#57

1,3-Dichloropropane

Concen: 49.898 ug/l

RT: 11.40 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

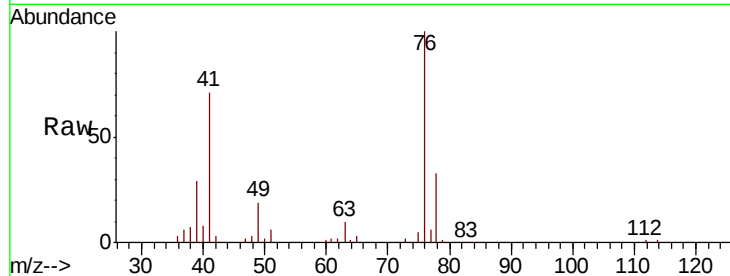
VSTDCCC050

Tot Ion: 76 Resp: 367578

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

11.40

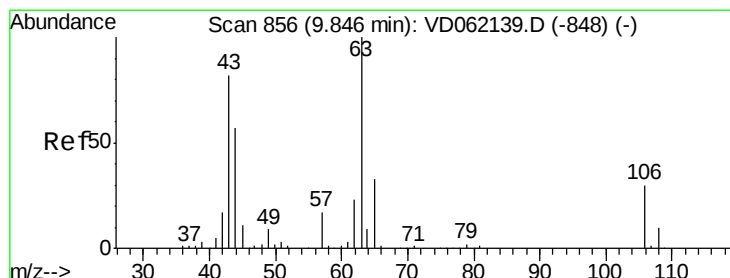
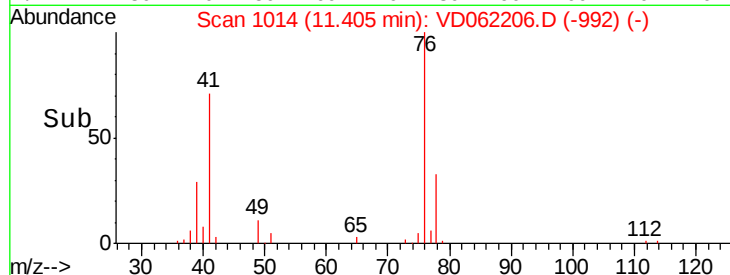
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 252.688 ug/l

RT: 9.86 min Scan# 857

Delta R.T. 0.01 min

Lab File: VD062206.D

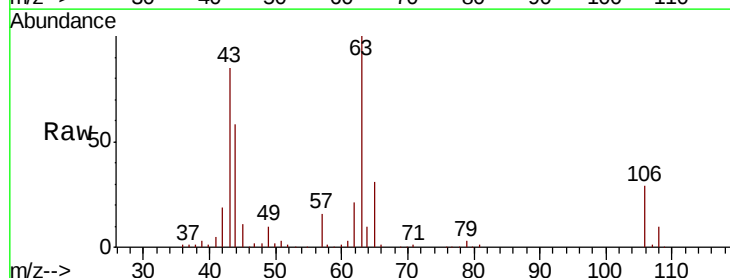
Acq: 10 May 2019 10:32

Tgt Ion: 63 Resp: 699381

Ion Ratio Lower Upper

63 100

106 29.2 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

9.86

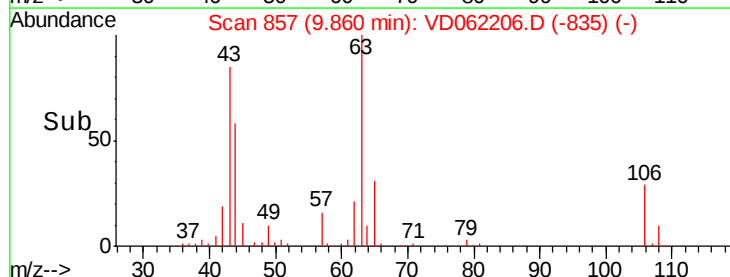
300000

200000

100000

0

Time-->





#59

2-Hexanone

Concen: 249.544 ug/l

RT: 11.53 min Scan# 1027

Delta R.T. 0.01 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

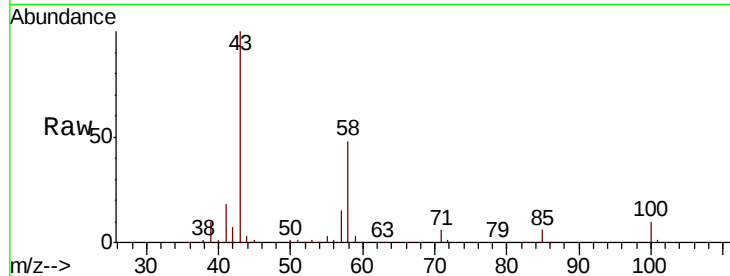
VSTDCCC050

Tot Ion: 43 Resp: 666984

Ion Ratio Lower Upper

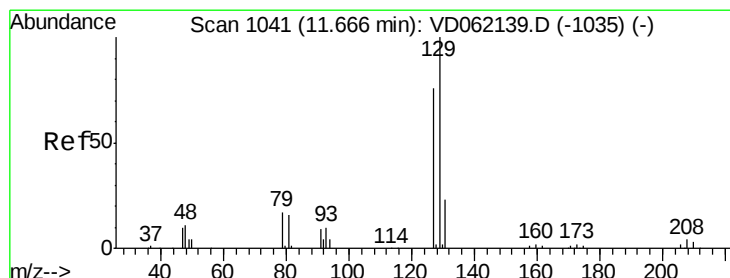
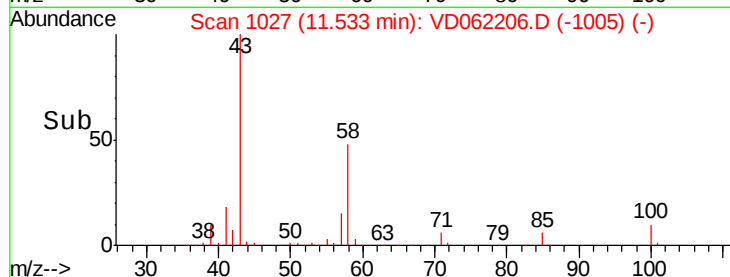
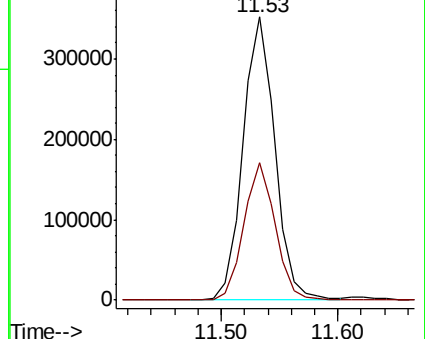
43 100

58 48.4 25.4 76.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#60

Dibromochloromethane

Concen: 50.386 ug/l

RT: 11.69 min Scan# 1043

Delta R.T. 0.02 min

Lab File: VD062206.D

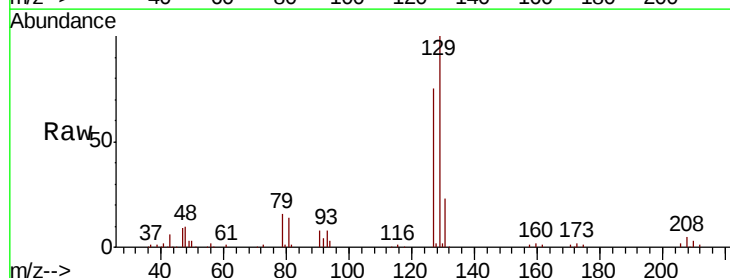
Acq: 10 May 2019 10:32

Tgt Ion: 129 Resp: 424600

Ion Ratio Lower Upper

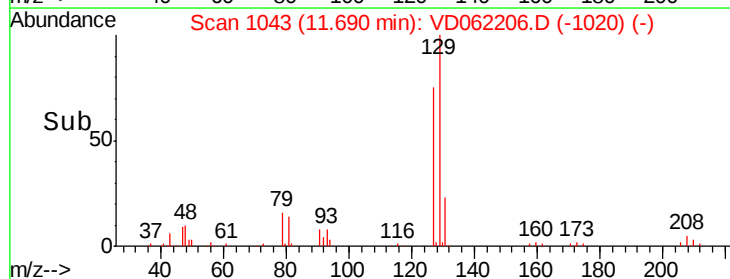
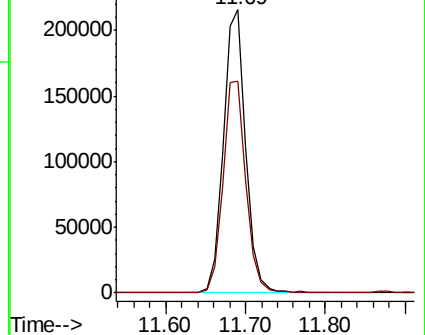
129 100

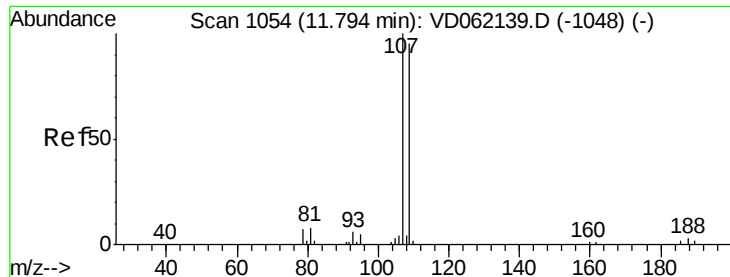
127 74.6 38.0 113.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

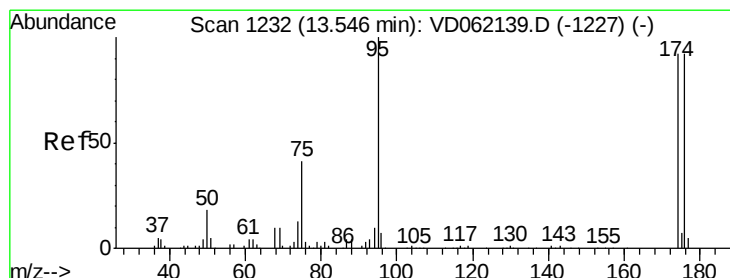
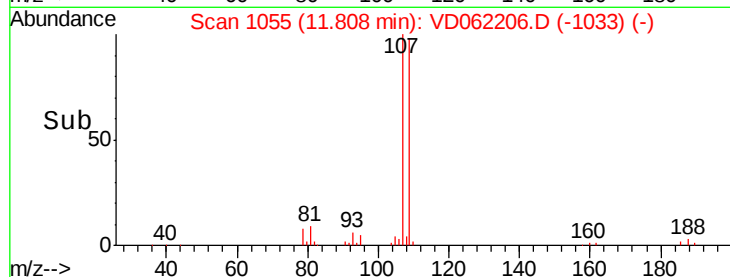
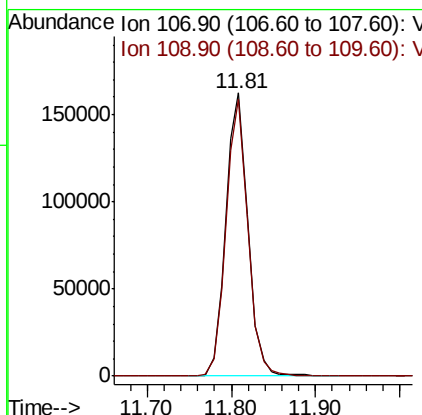
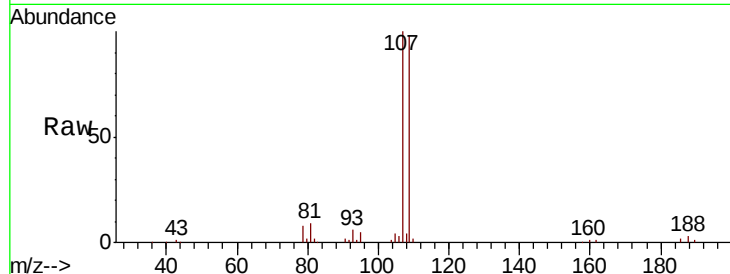




#61  
 1,2-Dibromoethane  
 Concen: 49.737 ug/l  
 RT: 11.81 min Scan# 1055  
 Delta R.T. 0.01 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

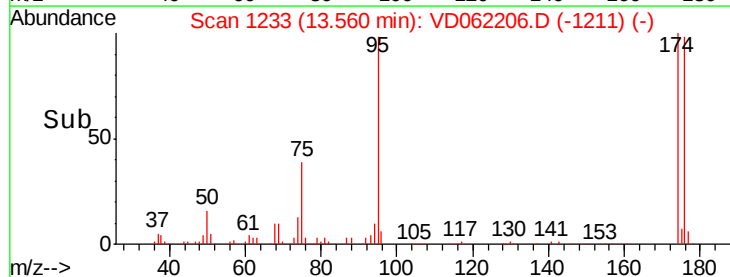
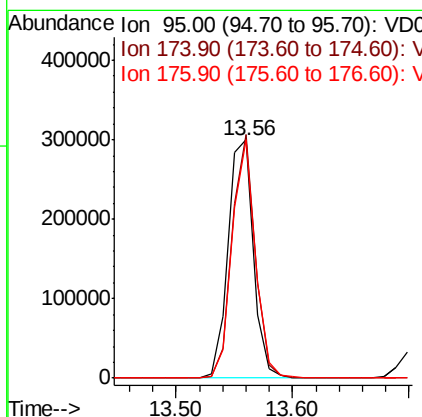
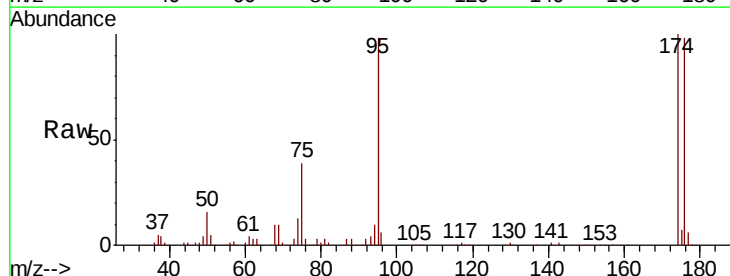
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 107 Resp: 294850  
 Ion Ratio Lower Upper  
 107 100  
 109 98.1 78.3 117.5



#62  
 4-Bromofluorobenzene  
 Concen: 49.099 ug/l  
 RT: 13.56 min Scan# 1233  
 Delta R.T. 0.01 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

Tgt Ion: 95 Resp: 451227  
 Ion Ratio Lower Upper  
 95 100  
 174 102.3 0.0 181.8  
 176 100.2 0.0 174.4

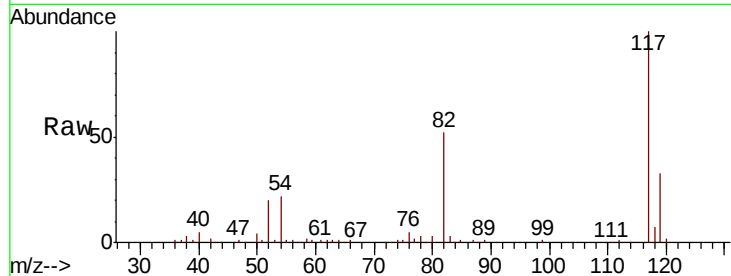




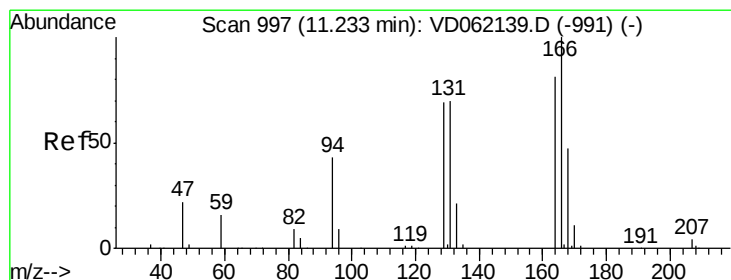
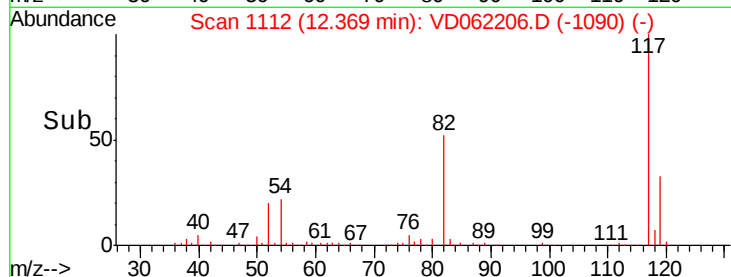
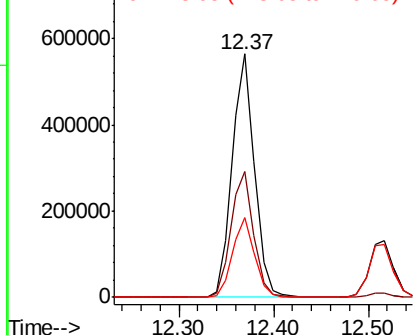
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.37 min Scan# 1112  
Delta R.T. 0.01 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:117 Resp: 922862  
Ion Ratio Lower Upper  
117 100  
82 51.8 36.2 54.2  
119 32.9 26.2 39.4

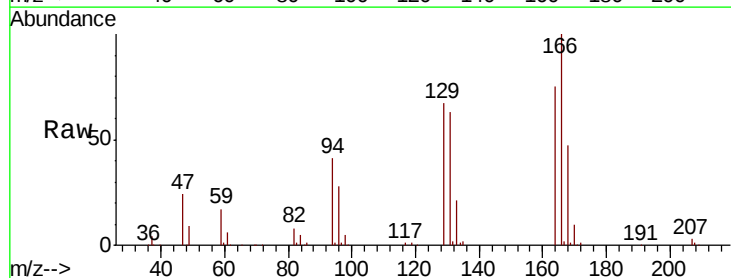


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

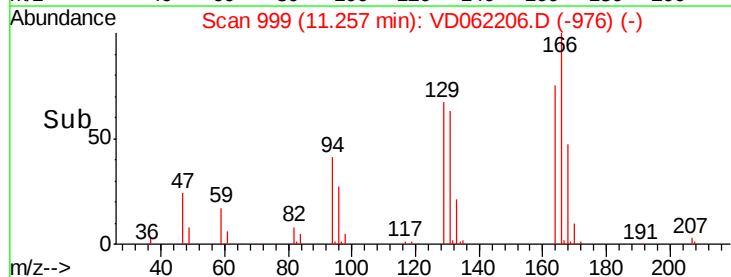
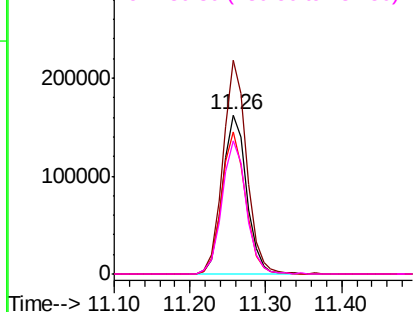


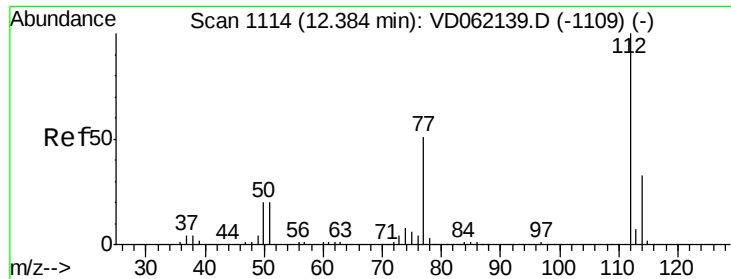
#64  
Tetrachloroethene  
Concen: 49.615 ug/l  
RT: 11.26 min Scan# 999  
Delta R.T. 0.02 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Tgt Ion:164 Resp: 358044  
Ion Ratio Lower Upper  
164 100  
166 134.2 101.5 152.3  
129 89.3 74.6 112.0  
131 83.9 72.6 108.8



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

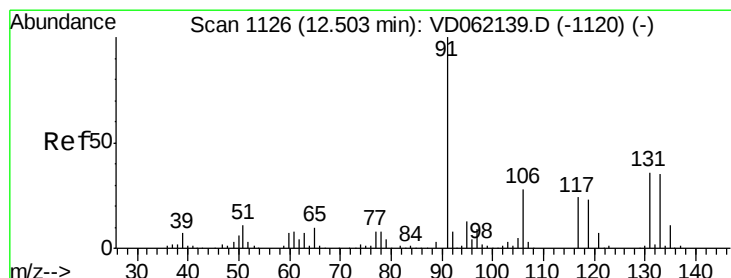
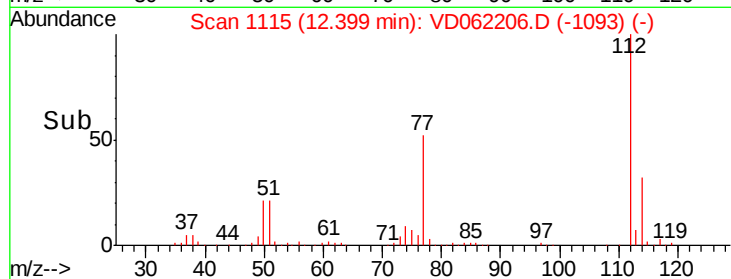
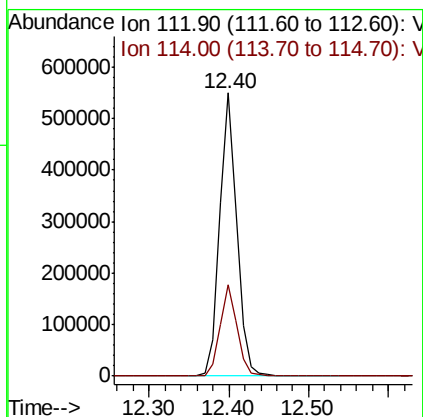
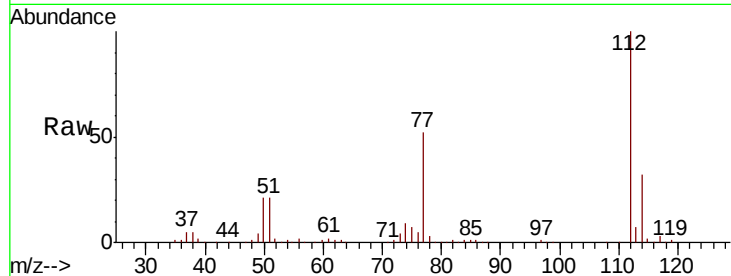




#65  
Chlorobenzene  
Concen: 48.835 ug/l  
RT: 12.40 min Scan# 1115  
Delta R.T. 0.01 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

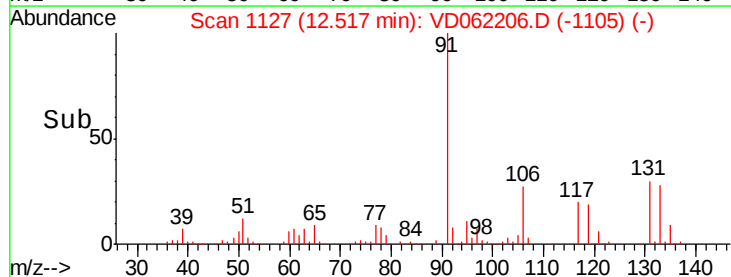
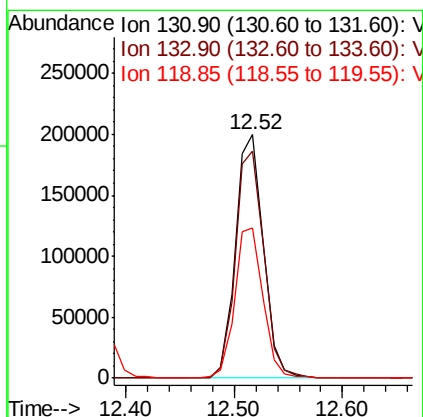
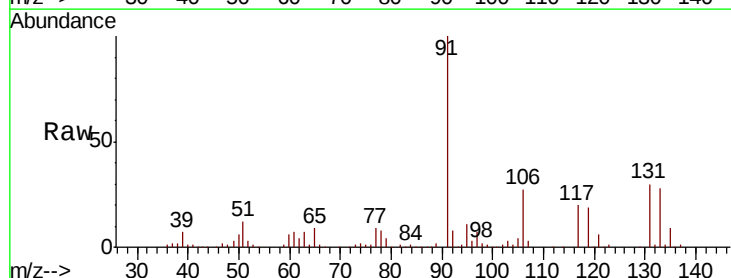
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 839406  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.792 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.01 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Tgt Ion:131 Resp: 357519  
Ion Ratio Lower Upper  
131 100  
133 93.1 48.6 145.8  
119 61.9 34.7 104.1

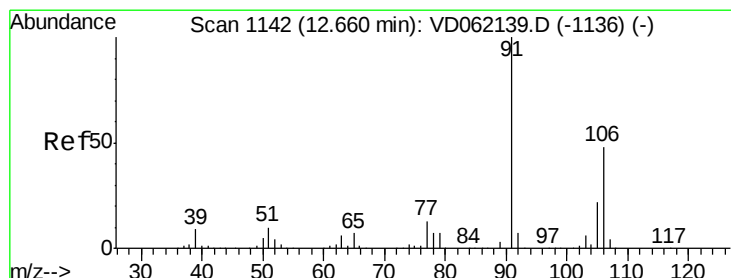
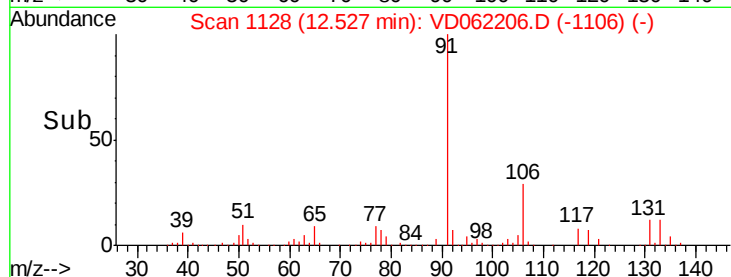
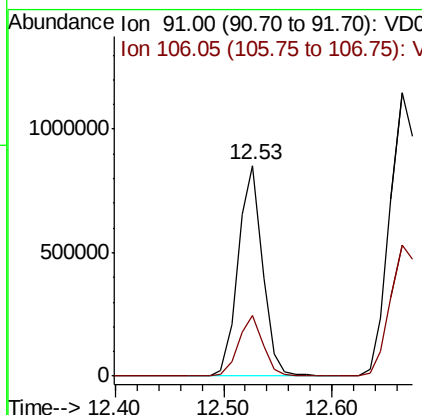
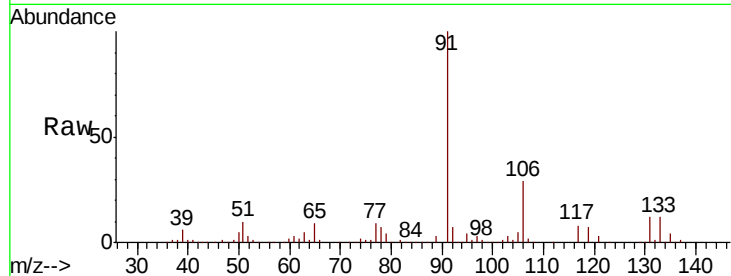




#67  
Ethyl Benzene  
Concen: 46.334 ug/l  
RT: 12.53 min Scan# 1128  
Delta R.T. 0.01 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

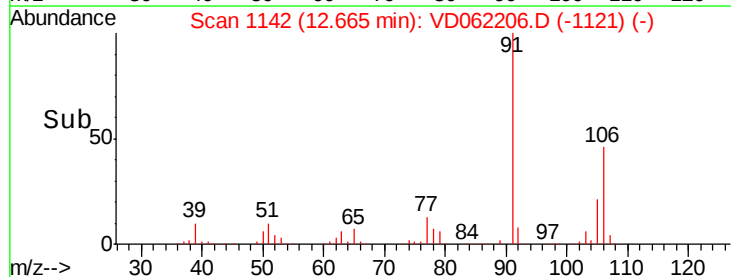
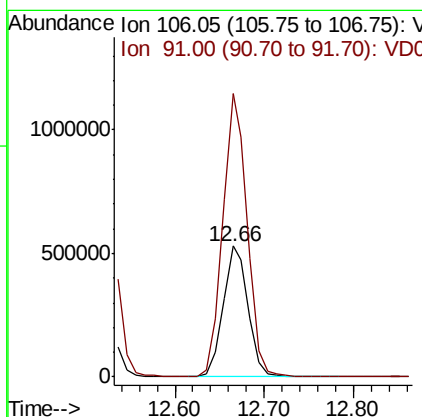
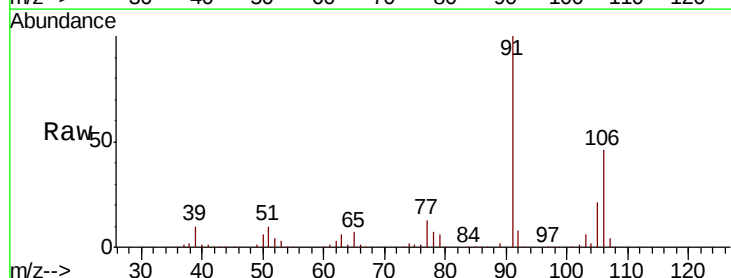
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

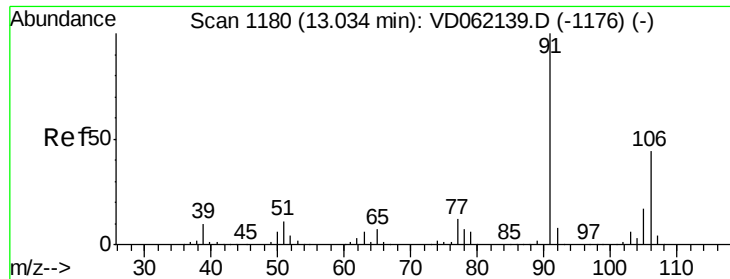
Tot Ion: 91 Resp: 1333318  
Ion Ratio Lower Upper  
91 100  
106 28.8 24.7 37.1



#68  
m/p-Xylenes  
Concen: 98.522 ug/l  
RT: 12.66 min Scan# 1142  
Delta R.T. 0.00 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Tgt Ion: 106 Resp: 1031469  
Ion Ratio Lower Upper  
106 100  
91 216.7 164.0 246.0

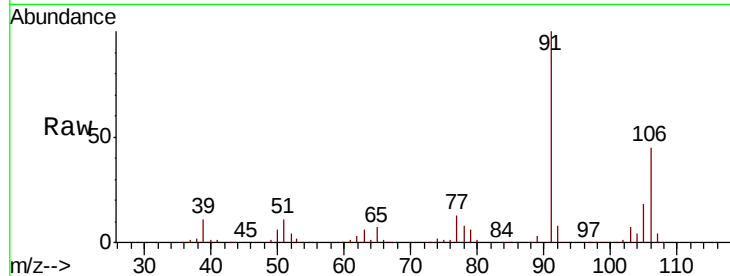




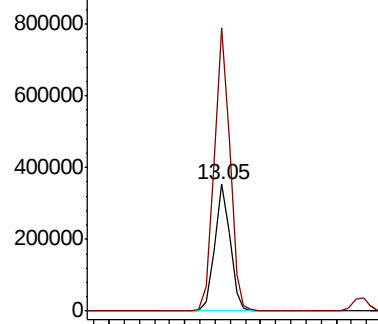
#69  
o-Xylene  
Concen: 50.569 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. 0.01 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

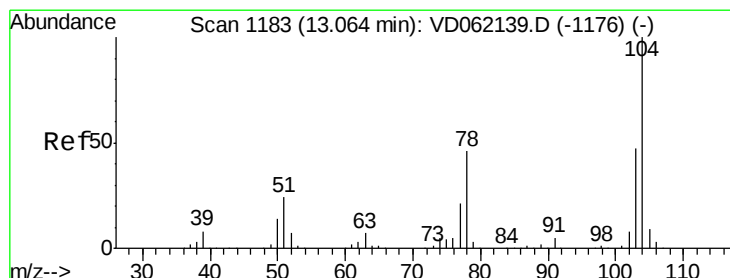
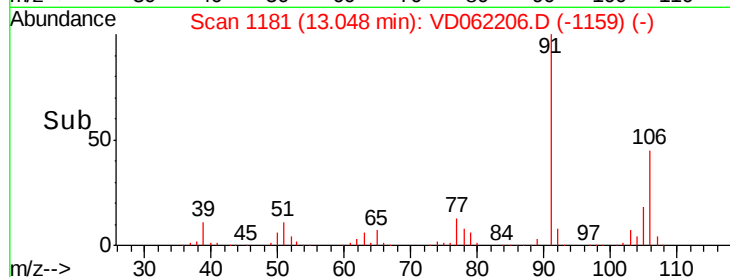
Tot Ion:106 Resp: 492206  
Ion Ratio Lower Upper  
106 100  
91 223.4 106.7 319.9



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

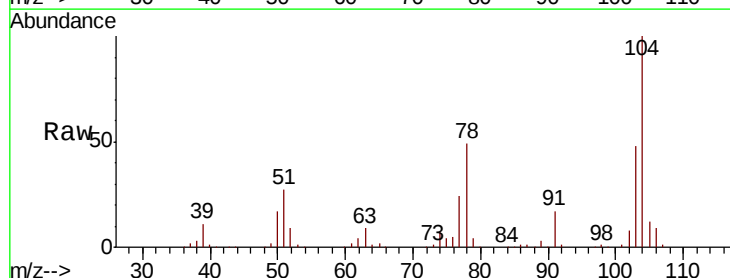


Time-->

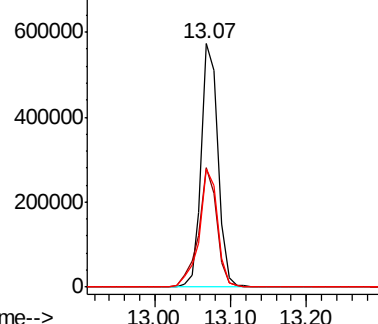


#70  
Styrene  
Concen: 52.884 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. 0.00 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

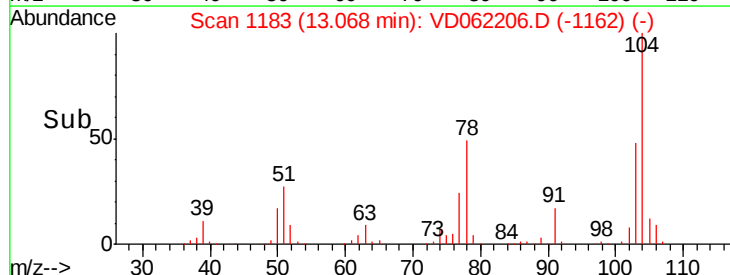
Tgt Ion:104 Resp: 871973  
Ion Ratio Lower Upper  
104 100  
78 49.2 35.4 53.2  
103 48.5 37.5 56.3



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: 48.797 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

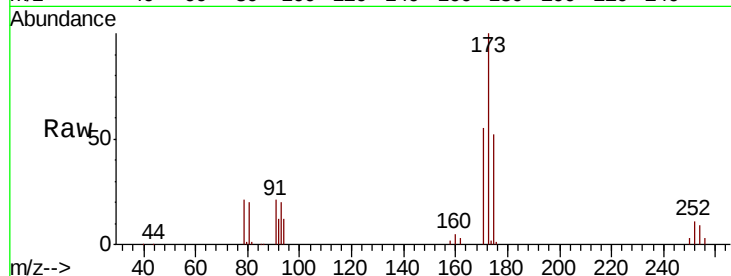
Tot Ion:173 Resp: 253967

Ion Ratio Lower Upper

173 100

175 52.2 24.4 73.4

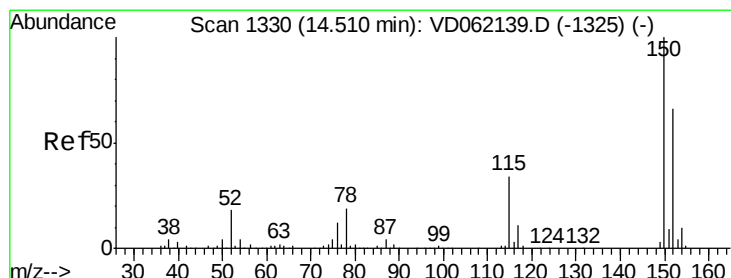
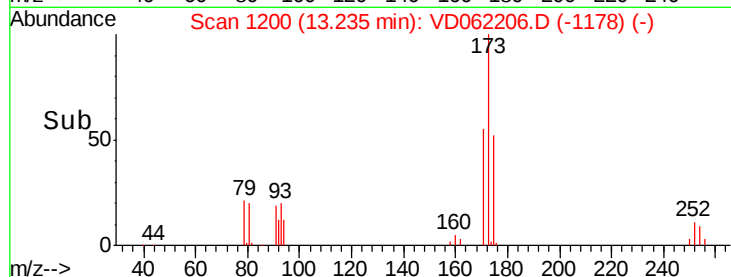
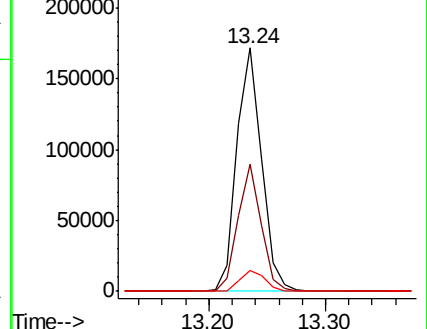
254 8.8 5.4 8.2#



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

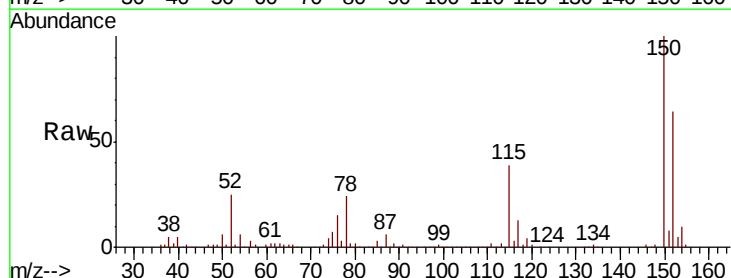
Tgt Ion:152 Resp: 482839

Ion Ratio Lower Upper

152 100

115 61.4 30.9 92.7

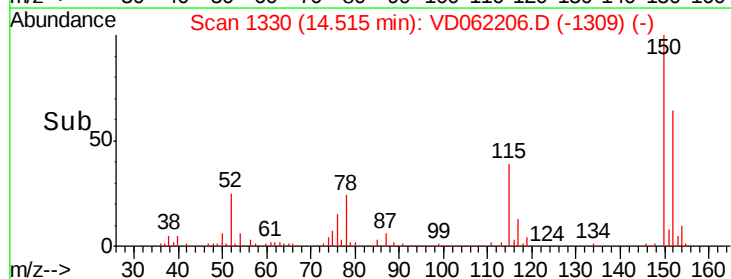
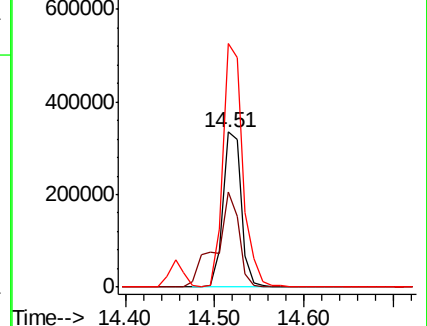
150 157.0 0.0 314.8

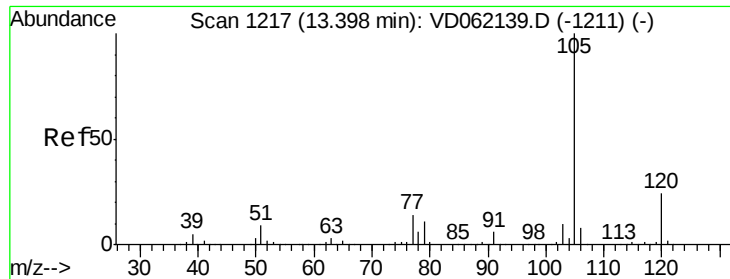


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.255 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

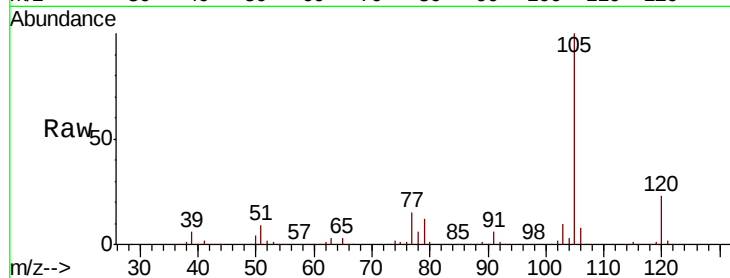
VSTDCCC050

Tot Ion:105 Resp: 1512397

Ion Ratio Lower Upper

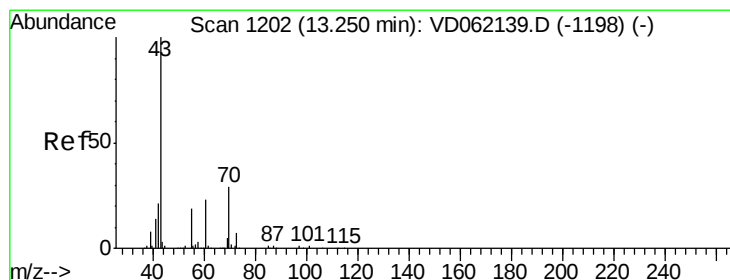
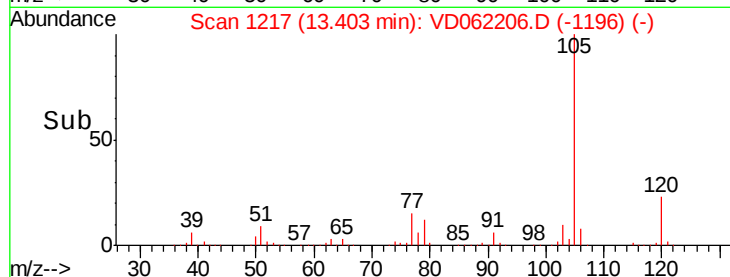
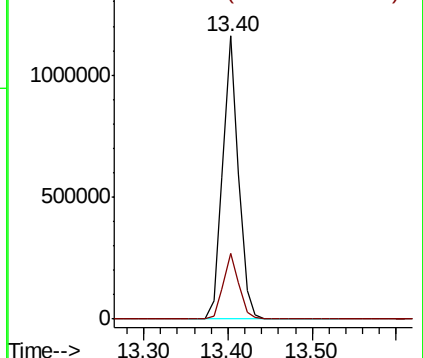
105 100

120 23.1 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 49.404 ug/l

RT: 13.26 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Tgt Ion: 43 Resp: 374888

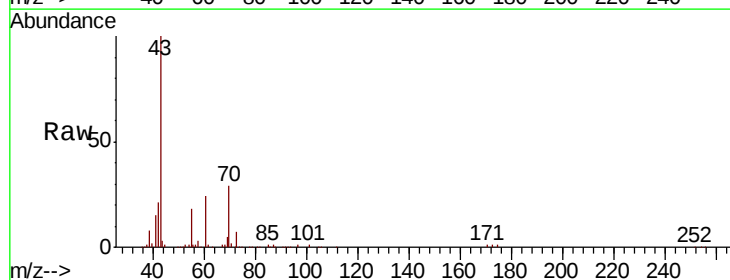
Ion Ratio Lower Upper

43 100

70 29.4 24.2 36.4

55 17.8 16.0 24.0

61 23.9 21.6 32.4

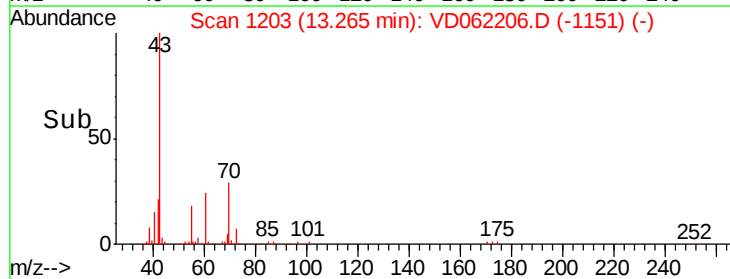
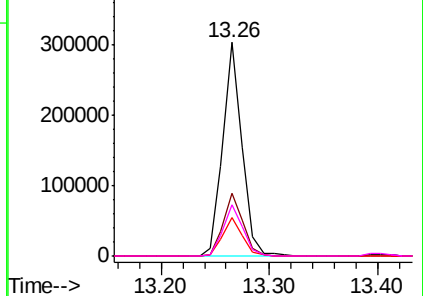


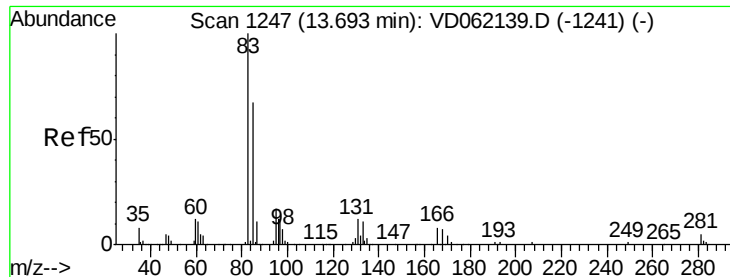
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 48.961 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

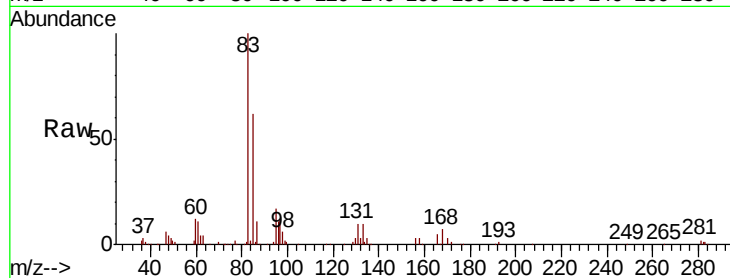
MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 268267

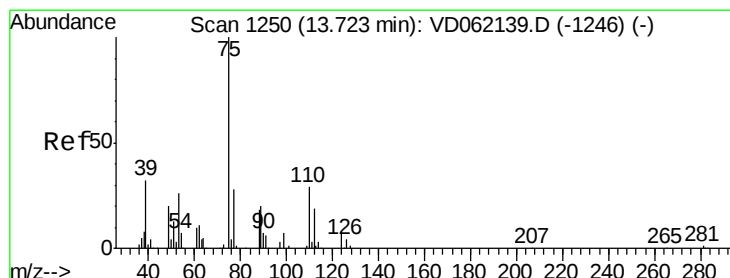
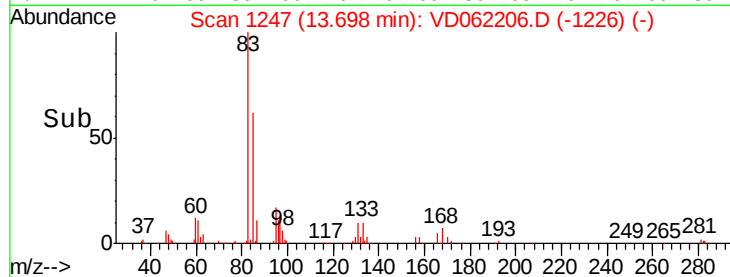
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 9.9   | 5.0   | 14.9  |
| 85  | 62.5  | 32.6  | 97.7  |



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: 43.691 ug/l

RT: 13.74 min Scan# 1251

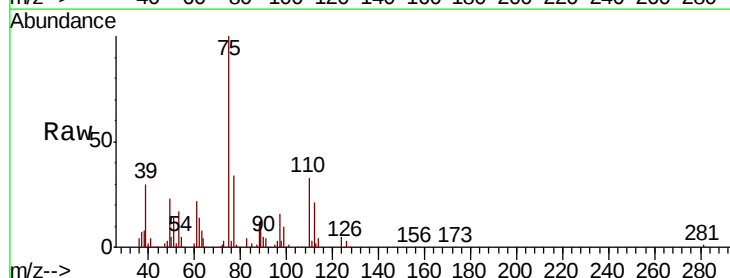
Delta R.T. 0.01 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

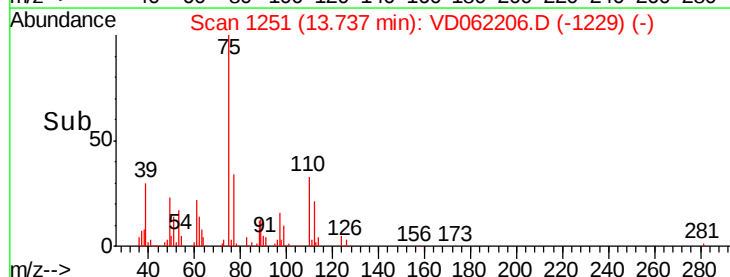
Tgt Ion: 75 Resp: 250705

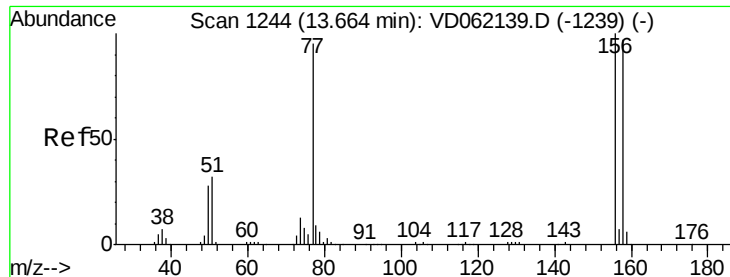
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 34.5  | 16.4  | 49.4  |



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 52.382 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

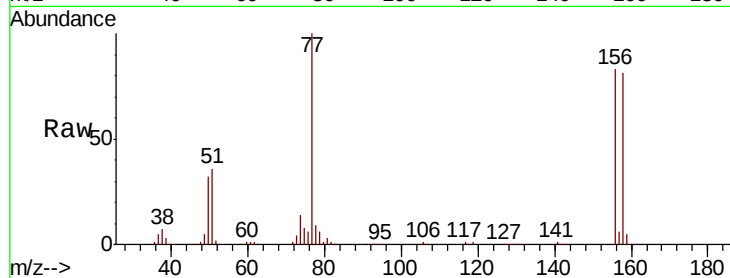
Tot Ion:156 Resp: 424410

Ion Ratio Lower Upper

156 100

77 120.0 53.1 159.4

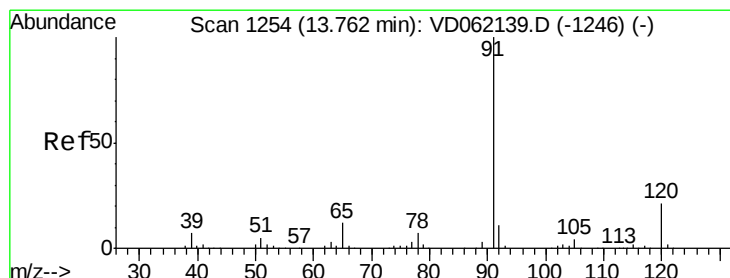
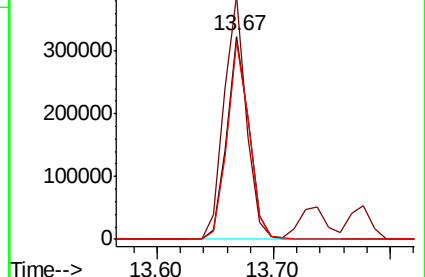
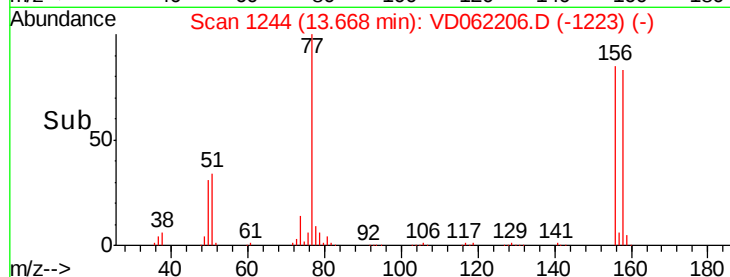
158 97.6 49.4 148.0



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: 51.694 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD062206.D

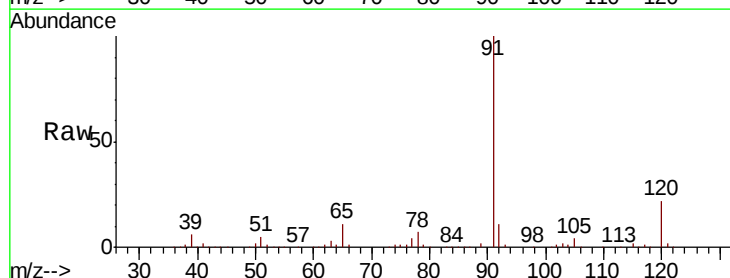
Acq: 10 May 2019 10:32

Tgt Ion: 91 Resp: 1784775

Ion Ratio Lower Upper

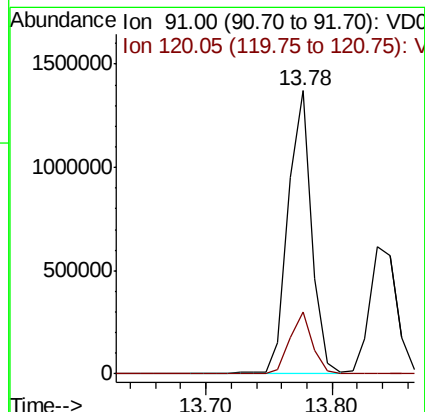
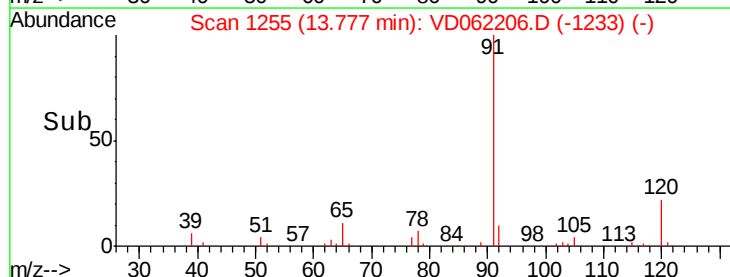
91 100

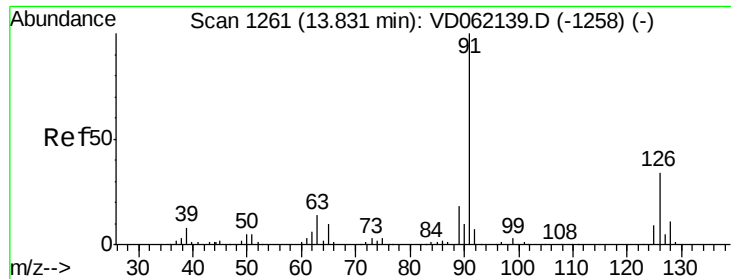
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 46.826 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

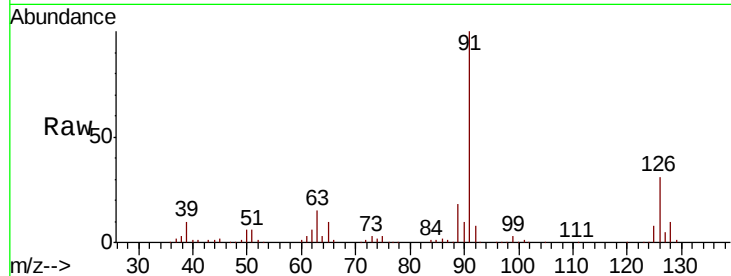
VSTDCCC050

Tot Ion: 91 Resp: 925900

Ion Ratio Lower Upper

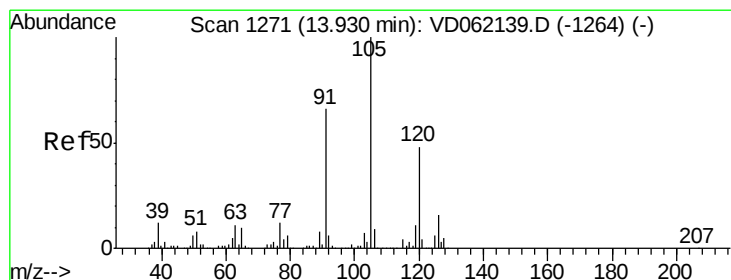
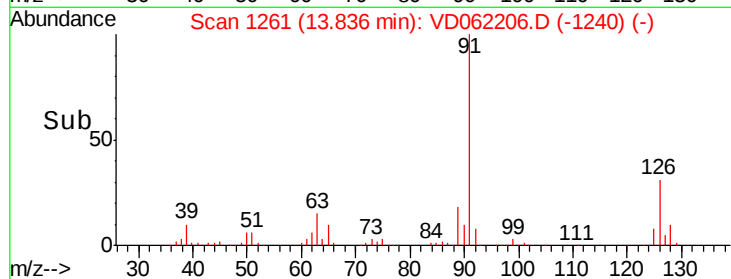
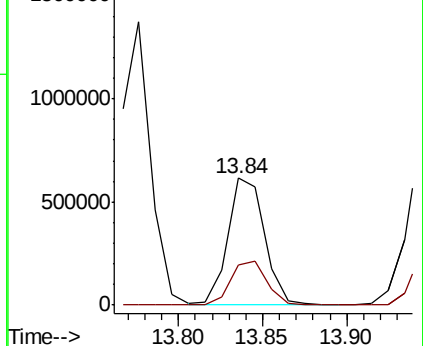
91 100

126 31.4 18.6 55.8



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: 50.629 ug/l

RT: 13.93 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VD062206.D

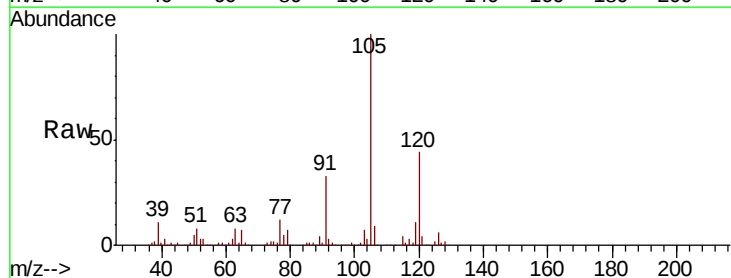
Acq: 10 May 2019 10:32

Tgt Ion:105 Resp: 1233935

Ion Ratio Lower Upper

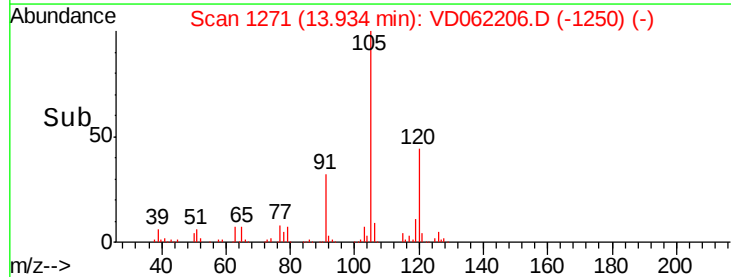
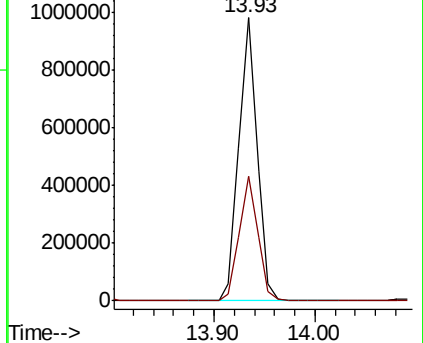
105 100

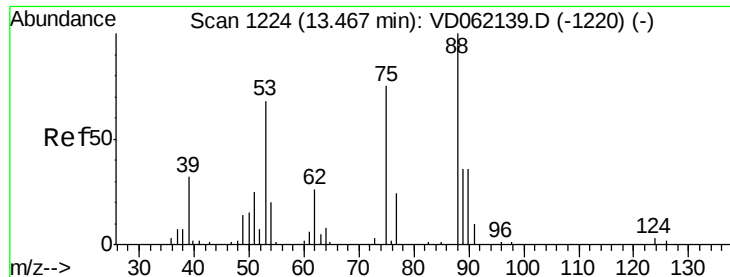
120 44.2 24.0 72.0



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: 48.206 ug/l

RT: 13.47 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

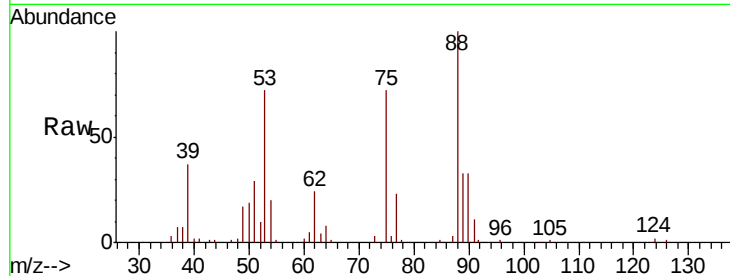
Tot Ion: 75 Resp: 78089

Ion Ratio Lower Upper

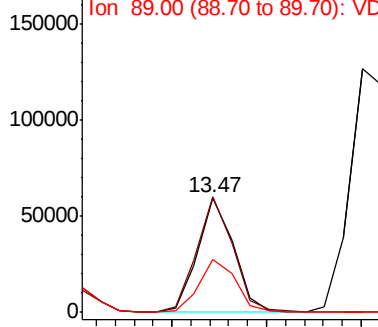
75 100

53 101.1 65.8 98.8#

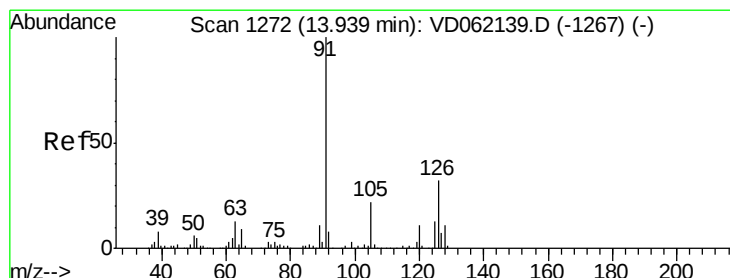
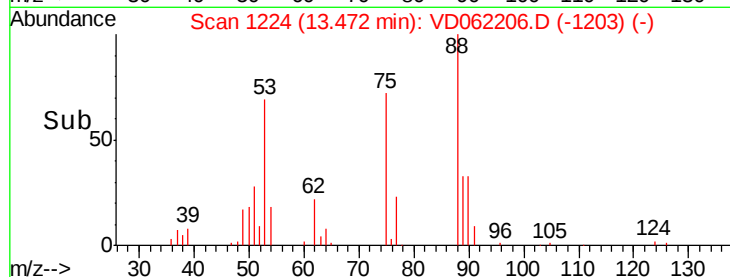
89 46.1 35.0 52.6



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



Time-->



#82

4-Chlorotoluene

Concen: 50.026 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VD062206.D

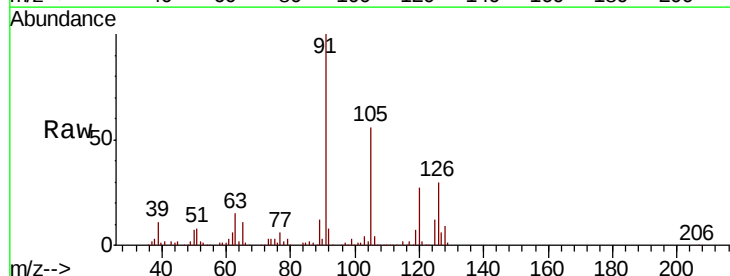
Acq: 10 May 2019 10:32

Tgt Ion: 91 Resp: 1164037

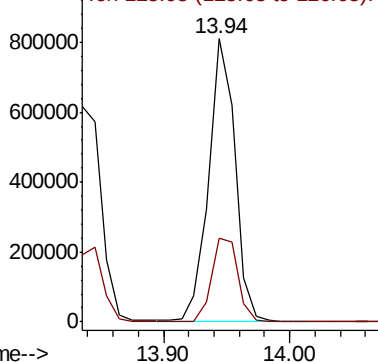
Ion Ratio Lower Upper

91 100

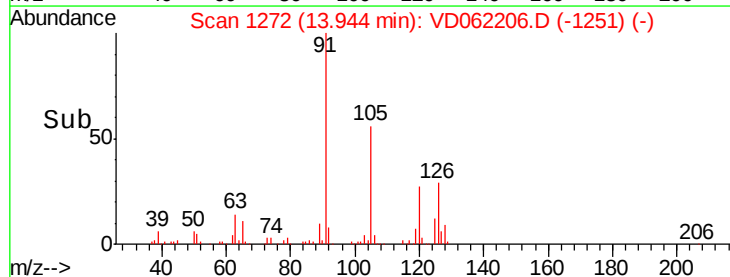
126 29.7 19.1 57.5

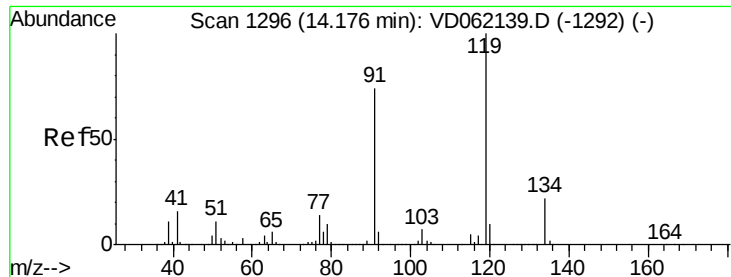


Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 125.95 (125.65 to 126.65): V



Time-->

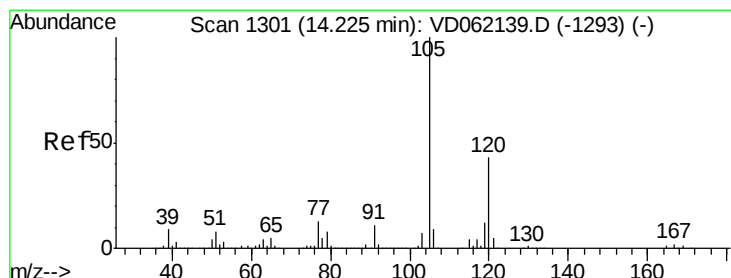
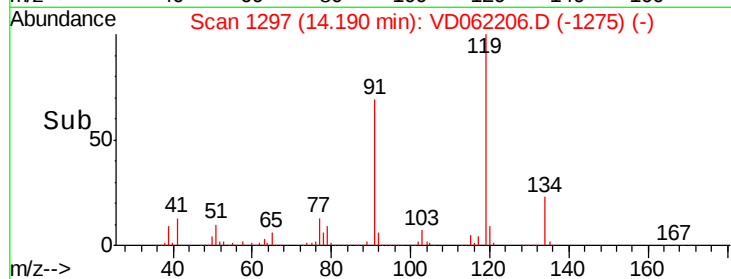
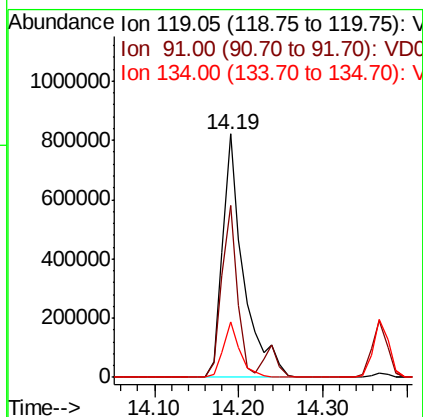
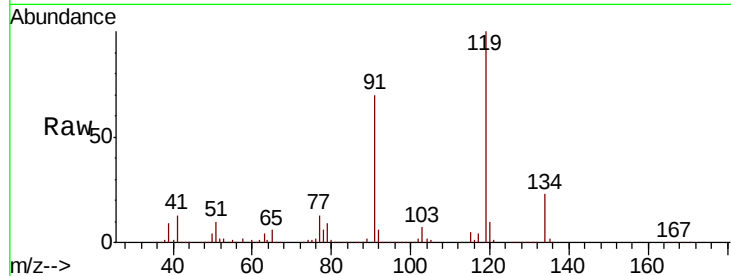




#83  
 tert-Butylbenzene  
 Concen: 51.897 ug/l  
 RT: 14.19 min Scan# 1297  
 Delta R.T. 0.01 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

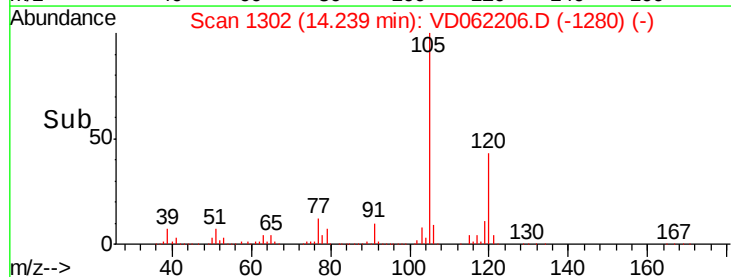
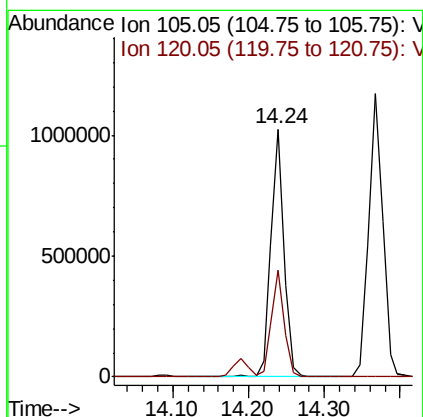
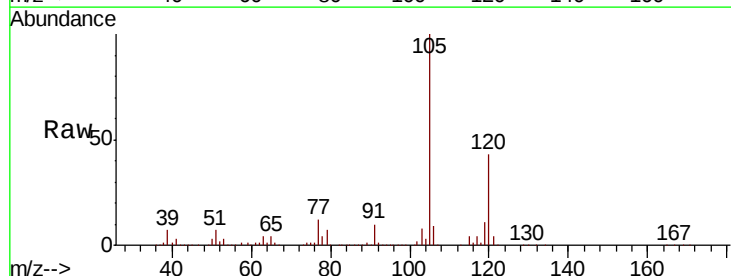
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

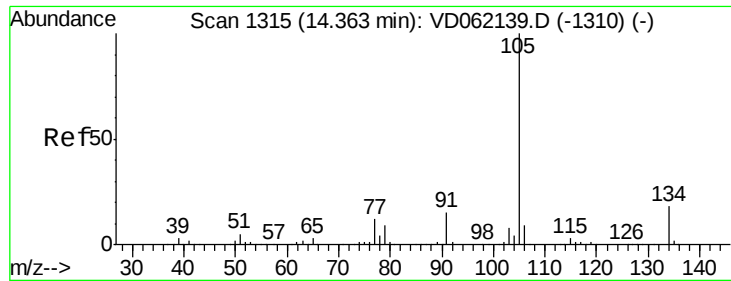
Tot Ion:119 Resp: 1421687  
 Ion Ratio Lower Upper  
 119 100  
 91 70.4 34.2 102.6  
 134 23.0 12.0 36.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.126 ug/l  
 RT: 14.24 min Scan# 1302  
 Delta R.T. 0.01 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

Tgt Ion:105 Resp: 1225950  
 Ion Ratio Lower Upper  
 105 100  
 120 43.4 23.1 69.2

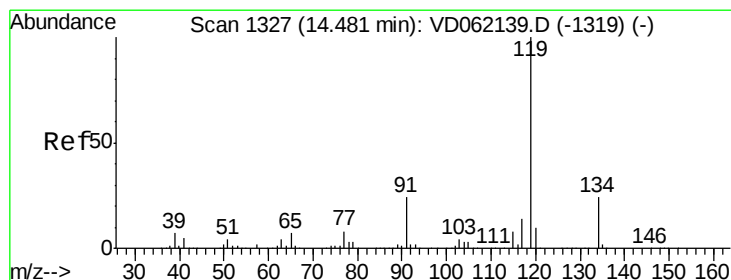
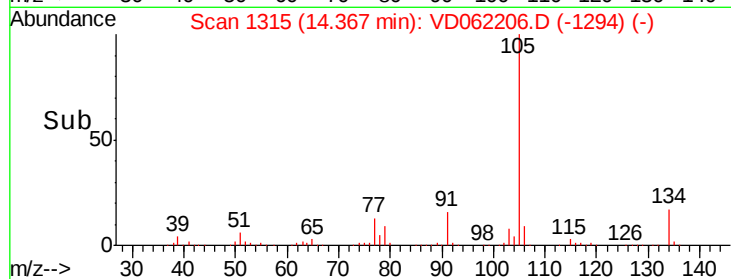
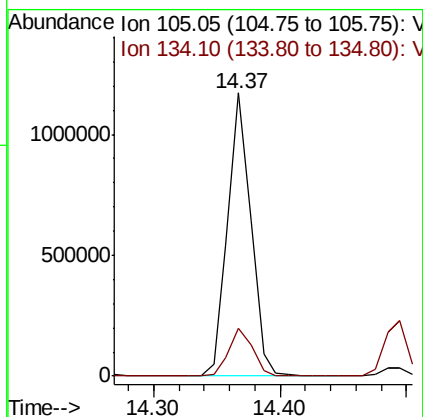
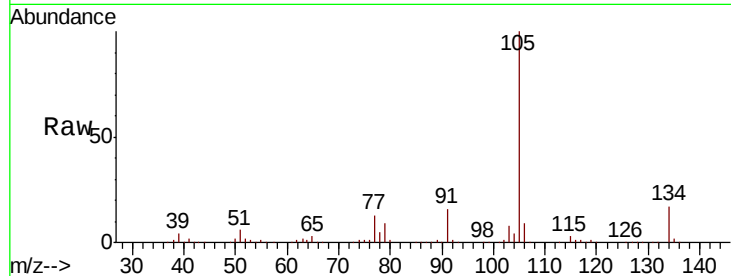




#85  
 sec-Butylbenzene  
 Concen: 49.568 ug/l  
 RT: 14.37 min Scan# 1315  
 Delta R.T. 0.00 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

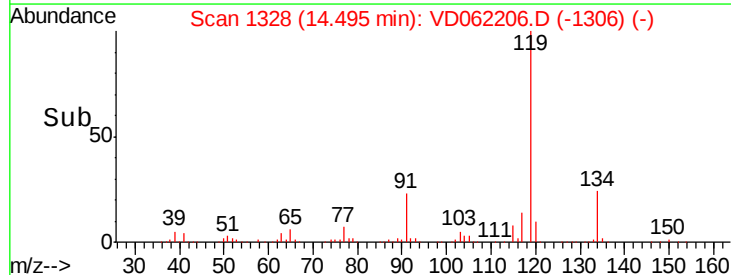
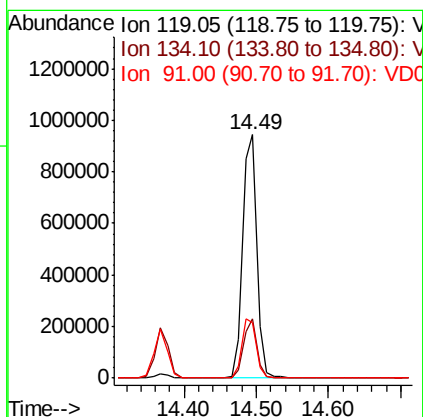
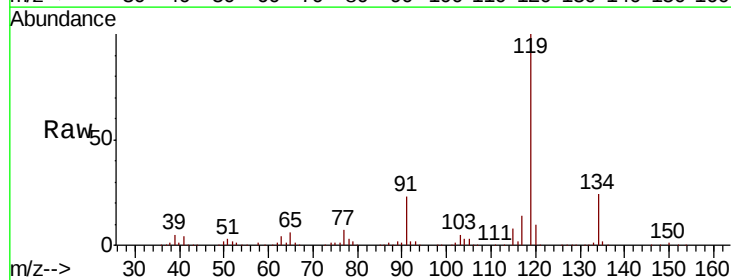
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050

Tot Ion:105 Resp: 1488782  
 Ion Ratio Lower Upper  
 105 100  
 134 16.8 8.9 26.7



#86  
 p-Isopropyltoluene  
 Concen: 48.196 ug/l  
 RT: 14.49 min Scan# 1328  
 Delta R.T. 0.01 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

Tgt Ion:119 Resp: 1293323  
 Ion Ratio Lower Upper  
 119 100  
 134 24.1 12.8 38.3  
 91 22.9 10.7 32.1

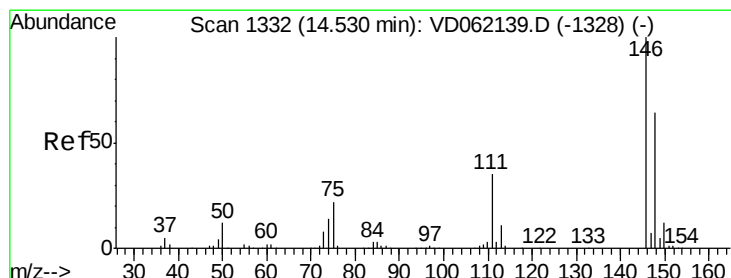
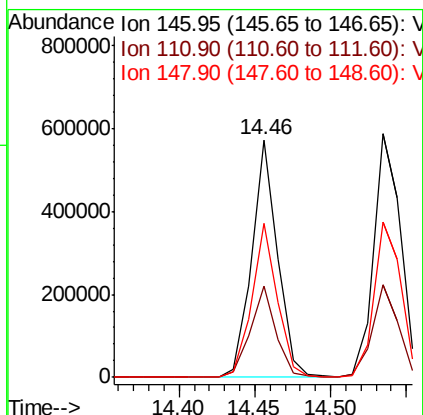
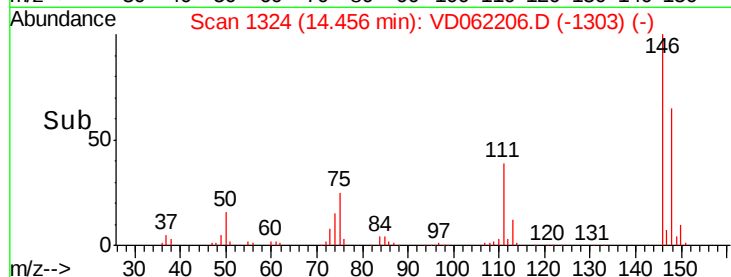
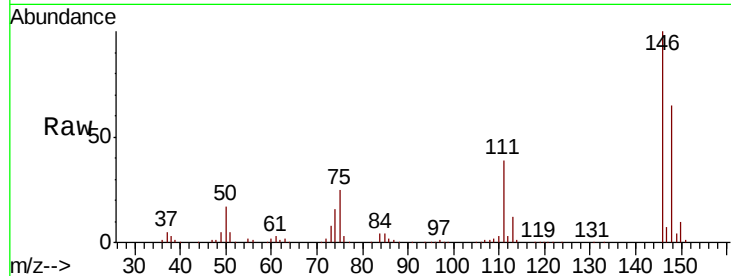




#87  
 1,3-Dichlorobenzene  
 Concen: 45.875 ug/l  
 RT: 14.46 min Scan# 1324  
 Delta R.T. 0.00 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

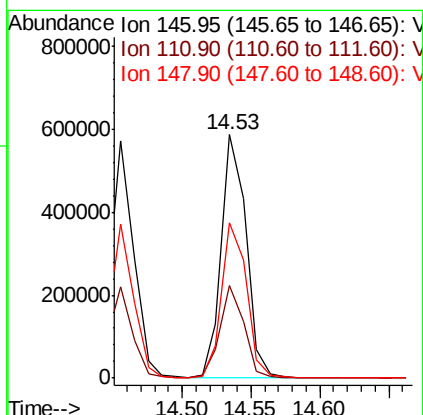
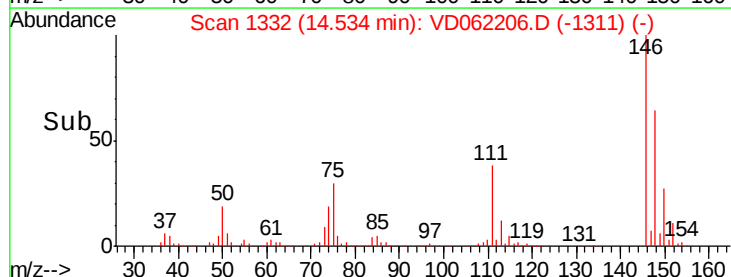
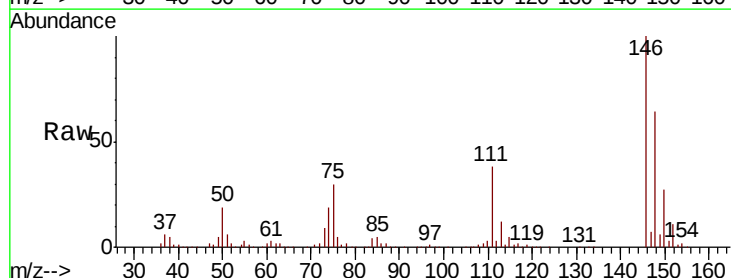
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.7  | 20.0  | 60.0  |
| 148     | 64.8  | 31.8  | 95.4  |



#88  
 1,4-Dichlorobenzene  
 Concen: 50.478 ug/l  
 RT: 14.53 min Scan# 1332  
 Delta R.T. 0.00 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.9  | 20.2  | 60.5  |
| 148     | 63.5  | 32.0  | 96.2  |





#89

n-Butylbenzene

Concen: 49.849 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.01 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

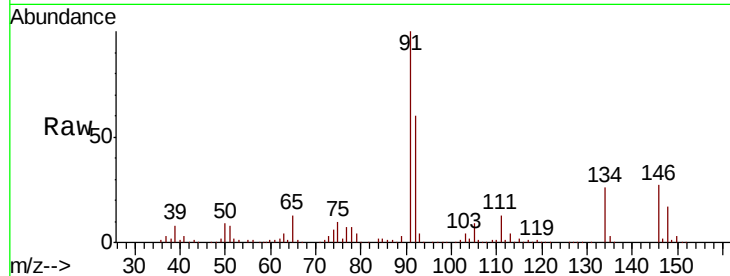
Tot Ion: 91 Resp: 1200679

Ion Ratio Lower Upper

91 100

92 59.7 30.3 91.0

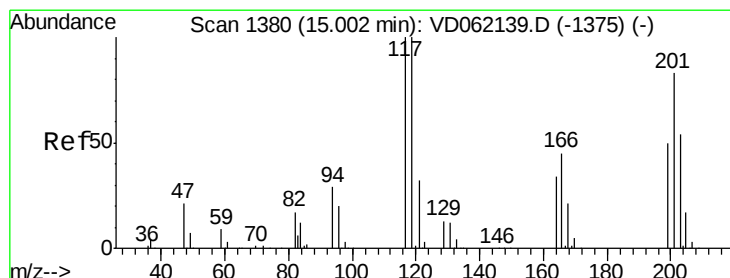
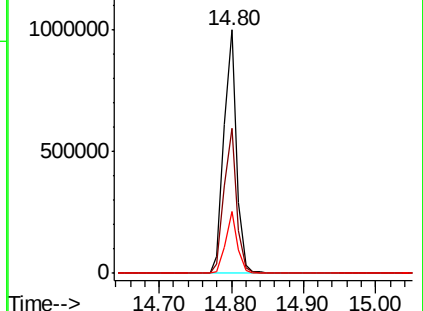
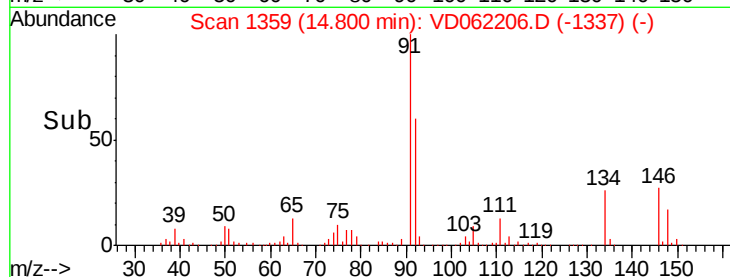
134 25.6 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 51.096 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VD062206.D

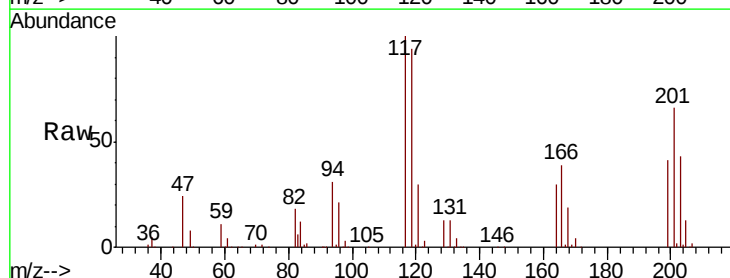
Acq: 10 May 2019 10:32

Tgt Ion: 117 Resp: 372882

Ion Ratio Lower Upper

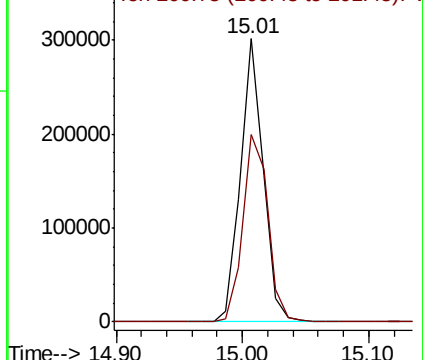
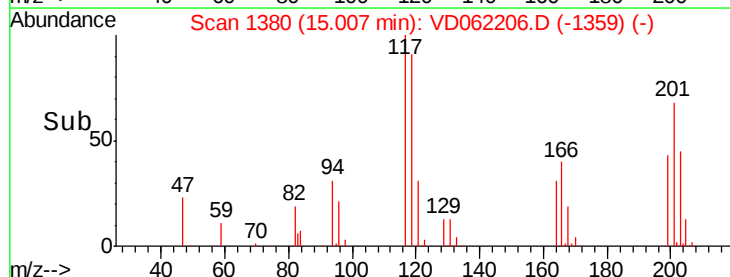
117 100

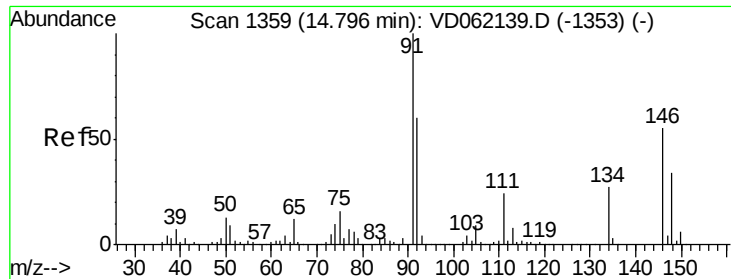
201 66.1 30.2 90.6



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC





#91

1,2-Dichlorobenzene

Concen: 48.238 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

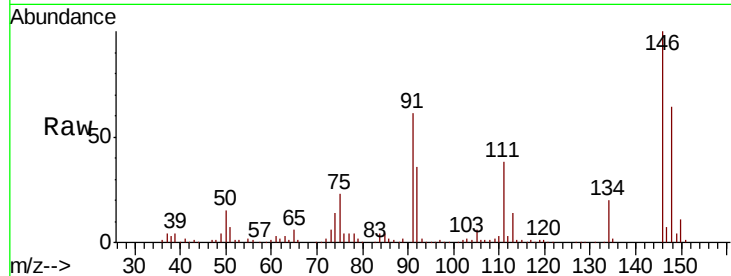
Tot Ion:146 Resp: 587990

Ion Ratio Lower Upper

146 100

111 38.3 20.0 59.9

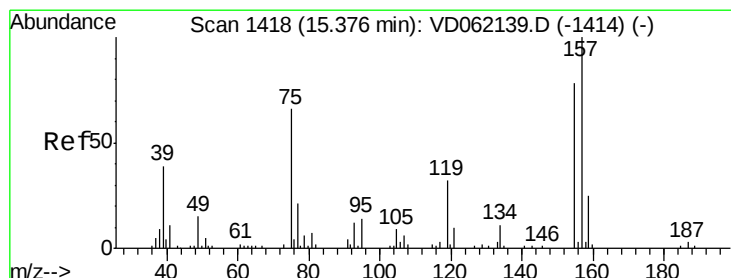
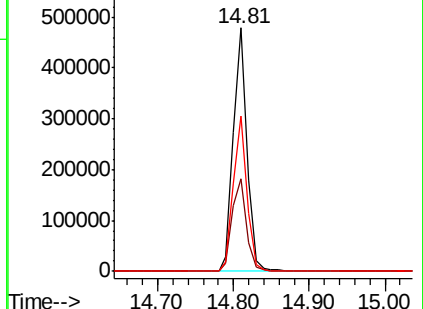
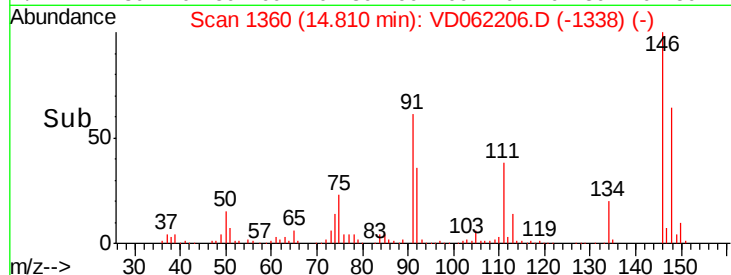
148 63.9 32.3 96.8



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: 49.896 ug/l

RT: 15.38 min Scan# 1418

Delta R.T. 0.00 min

Lab File: VD062206.D

Acq: 10 May 2019 10:32

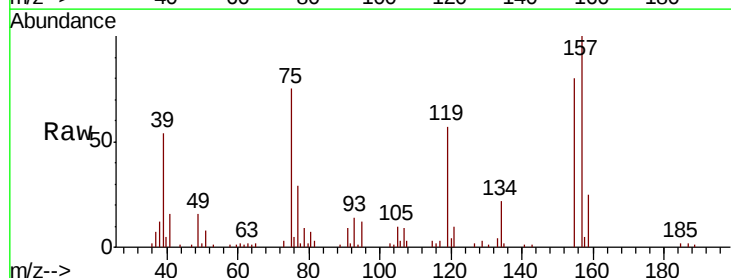
Tgt Ion: 75 Resp: 44878

Ion Ratio Lower Upper

75 100

155 106.2 55.3 165.8

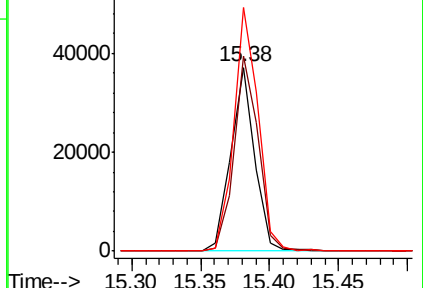
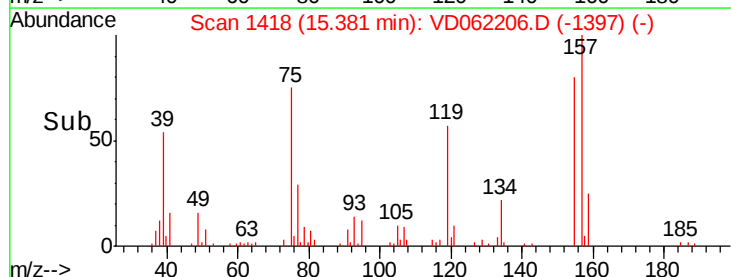
157 132.7 67.8 203.2

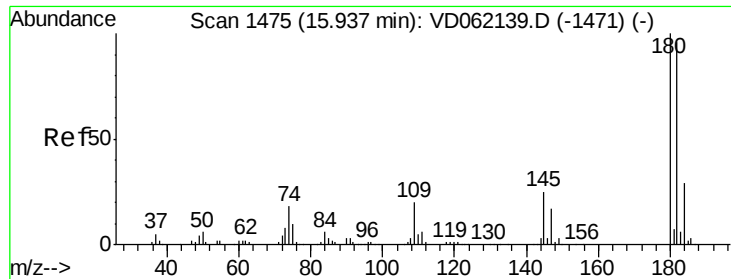


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

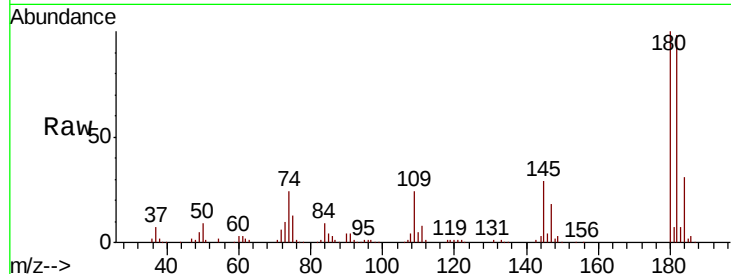




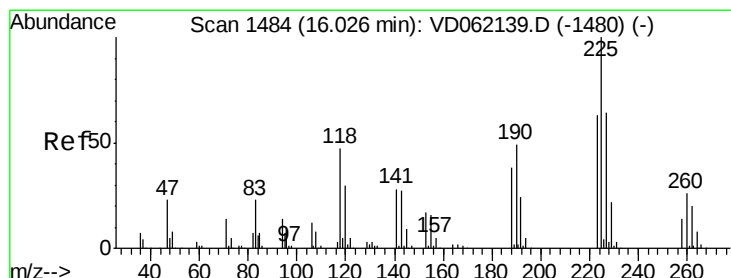
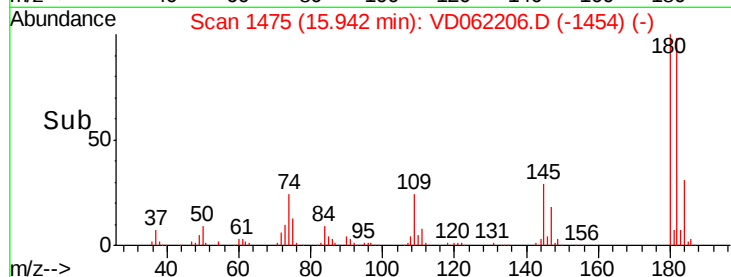
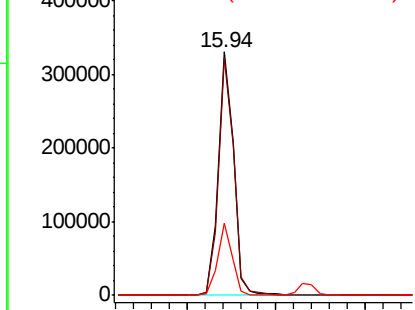
#93  
 1,2,4-Trichlorobenzene  
 Concen: 45.205 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. 0.00 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:180 Resp: 401063  
 Ion Ratio Lower Upper  
 180 100  
 182 97.7 49.3 147.8  
 145 29.5 16.2 48.6

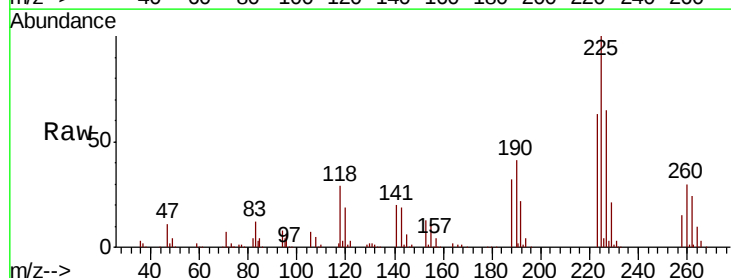


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

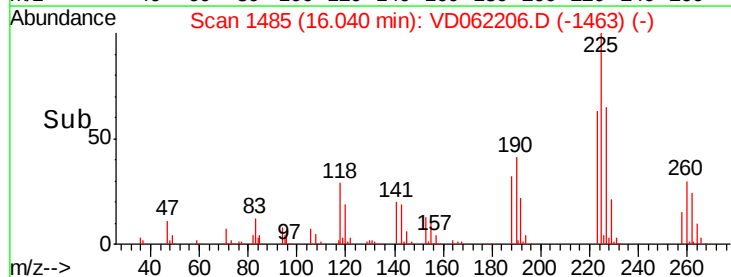
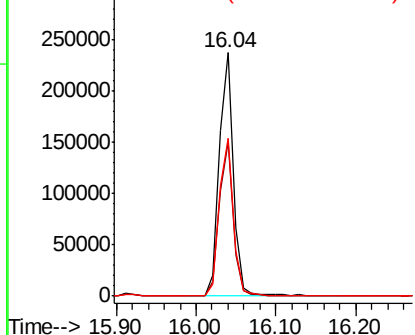


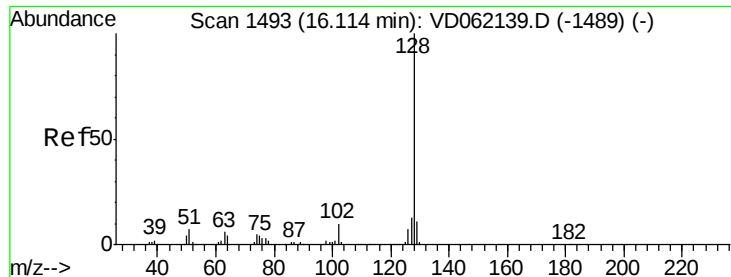
#94  
 Hexachlorobutadiene  
 Concen: 45.620 ug/l  
 RT: 16.04 min Scan# 1485  
 Delta R.T. 0.01 min  
 Lab File: VD062206.D  
 Acq: 10 May 2019 10:32

Tgt Ion:225 Resp: 301037  
 Ion Ratio Lower Upper  
 225 100  
 223 63.2 30.6 92.0  
 227 64.6 32.0 96.2



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

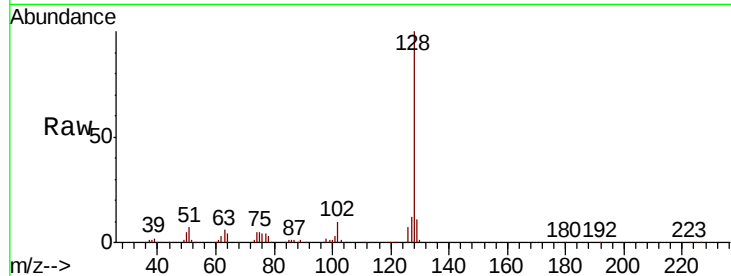




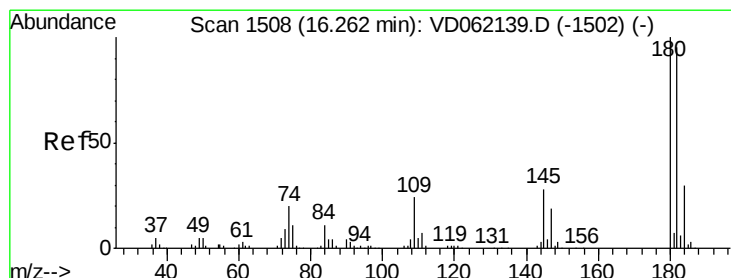
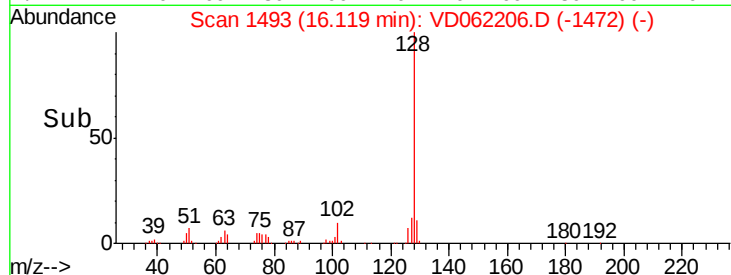
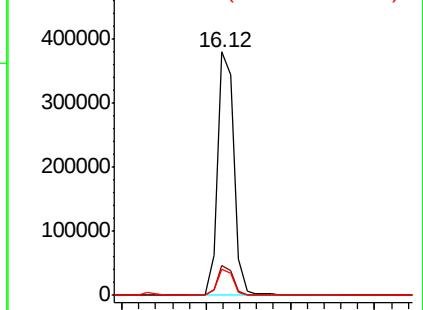
#95  
Naphthalene  
Concen: 41.373 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:128 Resp: 512473  
Ion Ratio Lower Upper  
128 100  
127 12.0 9.8 14.8  
129 10.7 8.8 13.2

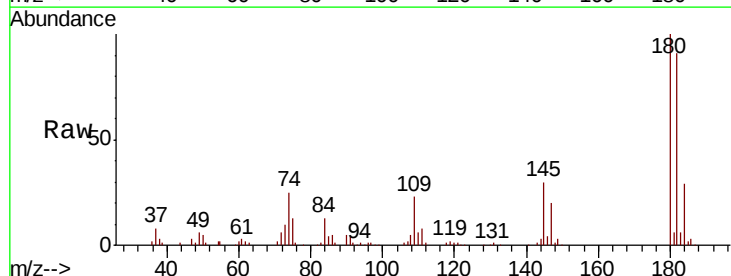


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 37.611 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. 0.00 min  
Lab File: VD062206.D  
Acq: 10 May 2019 10:32

Tgt Ion:180 Resp: 209804  
Ion Ratio Lower Upper  
180 100  
182 90.9 47.0 141.0  
145 29.8 17.0 51.0



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

