

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061419\  
 Data File : VD062703.D  
 Acq On : 14 Jun 2019 11:23  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 15 04:35:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 00:02:21 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.05  | 168  | 759195   | 50.00 | ug/l  | 0.02     |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 1030889  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.38 | 117  | 872165   | 50.00 | ug/l  | 0.02     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 468151   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.46  | 65   | 510559   | 46.60 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.20%  |          |
| 35) Dibromofluoromethane    | 6.93  | 113  | 552630   | 50.83 | ug/l    | 0.02     |
| Spiked Amount               |       |      | Recovery | =     | 101.66% |          |
| 50) Toluene-d8              | 10.42 | 98   | 1156494  | 50.57 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.14% |          |
| 62) 4-Bromofluorobenzene    | 13.56 | 95   | 543395   | 50.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.86% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85   | 399384   | 44.991  | ug/l   | 97     |
| 3) Chloromethane              | 1.76 | 50   | 352546   | 46.931  | ug/l   | 97     |
| 4) Vinyl Chloride             | 1.85 | 62   | 383711   | 49.536  | ug/l   | 98     |
| 5) Bromomethane               | 2.16 | 94   | 194784   | 49.816  | ug/l   | 94     |
| 6) Chloroethane               | 2.28 | 64   | 205742   | 53.797  | ug/l   | 93     |
| 7) Trichlorofluoromethane     | 2.53 | 101  | 860772   | 49.647  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.88 | 74   | 118083   | 50.075  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101  | 487542   | 52.141  | ug/l   | 92     |
| 10) Methyl Iodide             | 3.31 | 142  | 631813   | 46.824  | ug/l   | 94     |
| 11) Tert butyl alcohol        | 4.09 | 59   | 107282   | 238.240 | ug/l # | 85     |
| 12) 1,1-Dichloroethene        | 3.13 | 96   | 361299   | 53.843  | ug/l   | 96     |
| 13) Acrolein                  | 3.05 | 56   | 39848    | 275.096 | ug/l # | 82     |
| 14) Allyl chloride            | 3.63 | 41   | 561812   | 54.452  | ug/l   | 93     |
| 15) Acrylonitrile             | 4.21 | 53   | 264631   | 258.608 | ug/l   | 95     |
| 16) Acetone                   | 3.23 | 43   | 601771   | 299.977 | ug/l   | 98     |
| 17) Carbon Disulfide          | 3.38 | 76   | 1046329  | 52.914  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.65 | 43   | 146389   | 44.403  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 4.25 | 73   | 812305   | 49.634  | ug/l   | 100    |
| 20) Methylene Chloride        | 3.82 | 84   | 376147   | 49.624  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.23 | 96   | 390922   | 53.110  | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.13 | 45   | 1182912  | 55.216  | ug/l   | 93     |
| 23) Vinyl Acetate             | 5.07 | 43   | 3607500  | 271.429 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 4.99 | 63   | 711474   | 51.623  | ug/l   | 99     |
| 25) 2-Butanone                | 6.09 | 43   | 535006   | 273.370 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.03 | 77   | 868810   | 54.697  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 6.05 | 96   | 434894   | 54.502  | ug/l   | 99     |
| 28) Bromochloromethane        | 6.45 | 49   | 291136   | 55.261  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 6.47 | 42   | 225989   | 256.417 | ug/l   | 98     |
| 30) Chloroform                | 6.67 | 83   | 921430   | 52.109  | ug/l   | 95     |
| 31) Cyclohexane               | 6.96 | 56   | 475417   | 54.991  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97   | 1005561  | 57.150  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.16 | 75   | 602385   | 51.056  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.20 | 43   | 245090   | 48.750  | ug/l # | 94     |
| 38) Carbon Tetrachloride      | 7.12 | 117  | 1035171  | 55.509  | ug/l   | 94     |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 15 04:35:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 00:02:21 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.87  | 83   | 540146   | 56.653  | ug/l   | 93       |
| 40) Benzene                    | 7.47  | 78   | 1188948  | 51.601  | ug/l   | 99       |
| 41) Methacrylonitrile          | 6.46  | 41   | 324933   | 52.610  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 7.58  | 62   | 704986   | 51.333  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 9.25  | 43   | 330493   | 53.088  | ug/l   | 94       |
| 44) Trichloroethene            | 8.55  | 130  | 463743   | 49.576  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 8.95  | 63   | 303770   | 54.887  | ug/l   | 96       |
| 46) Dibromomethane             | 9.07  | 93   | 258313   | 52.581  | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.39  | 83   | 707163   | 52.916  | ug/l   | 93       |
| 48) Methyl methacrylate        | 9.13  | 41   | 230065   | 51.154  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.10  | 88   | 39237    | 976.758 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone       | 10.31 | 43   | 1123158  | 257.839 | ug/l   | 98       |
| 52) Toluene                    | 10.52 | 92   | 830027   | 53.592  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.92 | 75   | 600214   | 54.780  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.04 | 75   | 642623   | 56.747  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 11.20 | 97   | 275935   | 51.951  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 11.05 | 69   | 289445   | 45.604  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 11.41 | 76   | 428641   | 52.068  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.87  | 63   | 669952   | 235.994 | ug/l   | 97       |
| 59) 2-Hexanone                 | 11.54 | 43   | 849285   | 262.102 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.70 | 129  | 575170   | 54.857  | ug/l   | 94       |
| 61) 1,2-Dibromoethane          | 11.82 | 107  | 335389   | 52.759  | ug/l   | 95       |
| 64) Tetrachloroethene          | 11.27 | 164  | 423570   | 51.880  | ug/l   | 98       |
| 65) Chlorobenzene              | 12.41 | 112  | 1041410  | 53.982  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.53 | 131  | 483415   | 52.540  | ug/l   | 97       |
| 67) Ethyl Benzene              | 12.53 | 91   | 1902618  | 55.624  | ug/l   | 100      |
| 68) m/p-Xylenes                | 12.67 | 106  | 1272914  | 105.856 | ug/l   | 98       |
| 69) o-Xylene                   | 13.06 | 106  | 562500   | 50.934  | ug/l   | 91       |
| 70) Styrene                    | 13.08 | 104  | 1044531  | 53.008  | ug/l   | 98       |
| 71) Bromoform                  | 13.24 | 173  | 352567   | 49.953  | ug/l   | 97       |
| 73) Isopropylbenzene           | 13.41 | 105  | 1859616  | 56.356  | ug/l   | 98       |
| 74) N-amyl acetate             | 13.27 | 43   | 499586   | 56.021  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.71 | 83   | 325804   | 57.704  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 373760   | 58.881  | ug/l   | 99       |
| 77) Bromobenzene               | 13.68 | 156  | 541466   | 57.411  | ug/l   | 96       |
| 78) n-propylbenzene            | 13.78 | 91   | 2260612  | 55.968  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 1281115  | 54.170  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 1627930  | 55.822  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 13.48 | 75   | 95901    | 50.871  | ug/l   | 91       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 1521970  | 53.813  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 14.20 | 119  | 1896201  | 58.952  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 14.25 | 105  | 1682545  | 58.271  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 14.38 | 105  | 1872892  | 55.528  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 1765707  | 53.768  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 869530   | 50.892  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 887019   | 54.934  | ug/l   | 98       |
| 89) n-Butylbenzene             | 14.80 | 91   | 1695064  | 57.376  | ug/l   | 99       |
| 90) Hexachloroethane           | 15.02 | 117  | 504087   | 58.145  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 14.82 | 146  | 790783   | 55.679  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.39 | 75   | 60840    | 50.447  | ug/l # | 33       |

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Sample : VSTDCCC050  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Quant Time: Jun 15 04:35:02 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060719S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 08 00:02:21 2019  
Response via : Initial Calibration

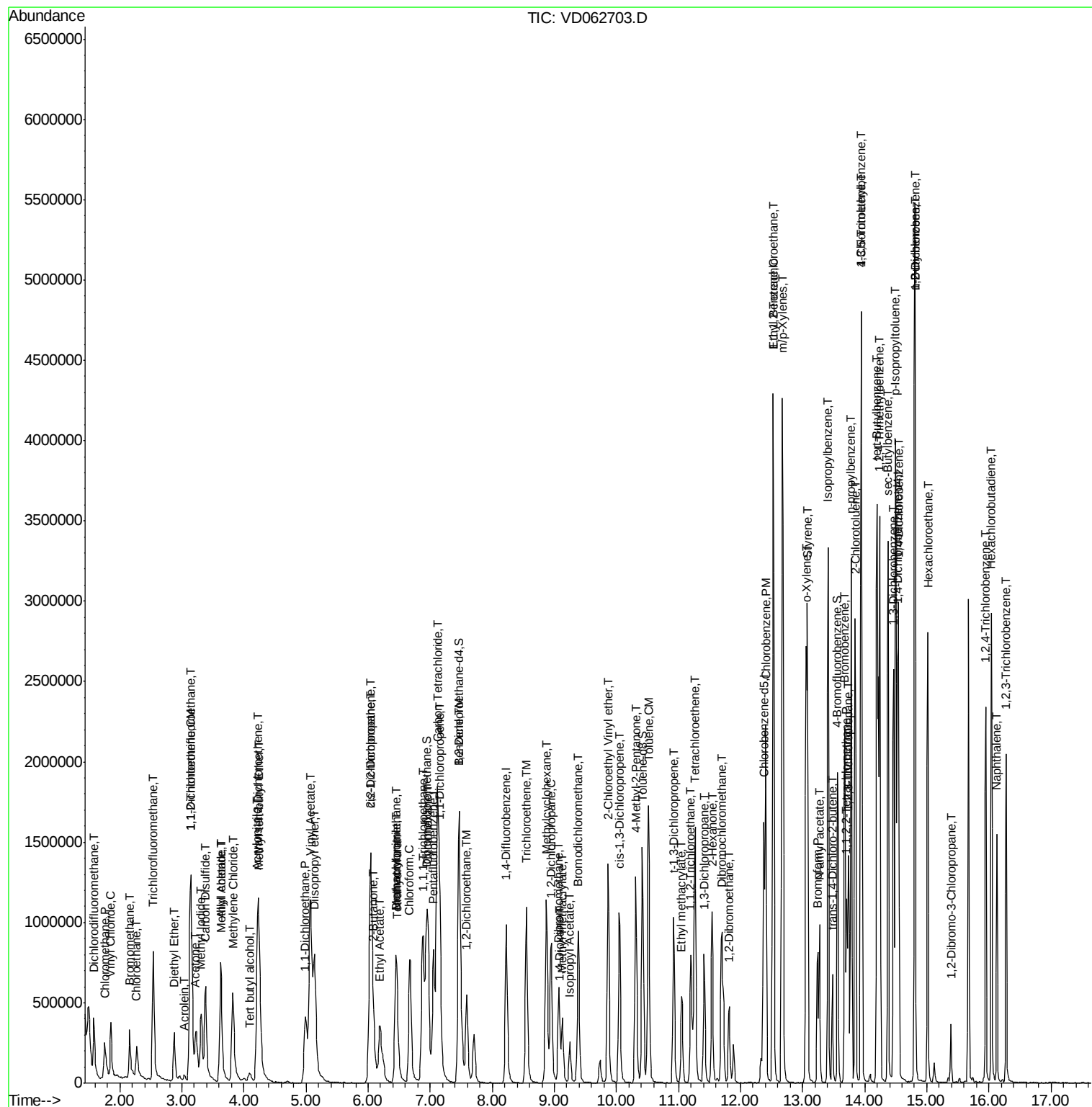
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180  | 592586   | 49.243 | ug/l  | 94       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 463906   | 55.323 | ug/l  | 95       |
| 95) Naphthalene            | 16.13 | 128  | 850245   | 50.050 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.28 | 180  | 475122   | 58.079 | ug/l  | 99       |

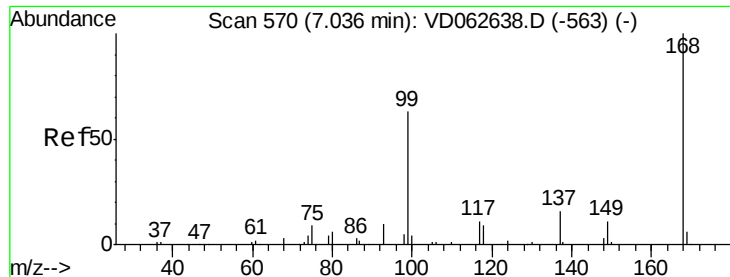
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

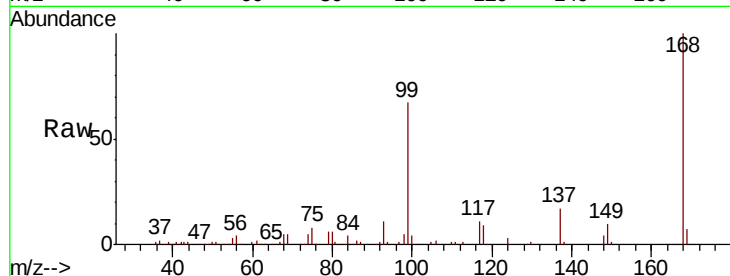
VSTDCCC050

Tot Ion:168 Resp: 759195

Ion Ratio Lower Upper

168 100

99 67.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

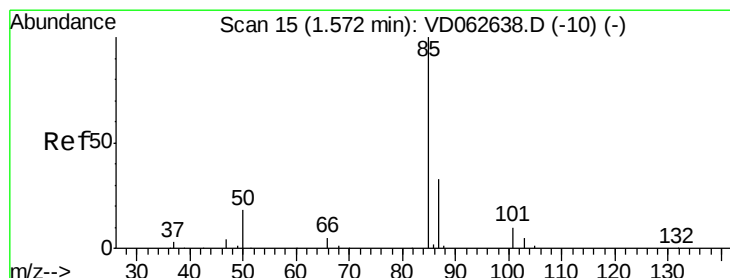
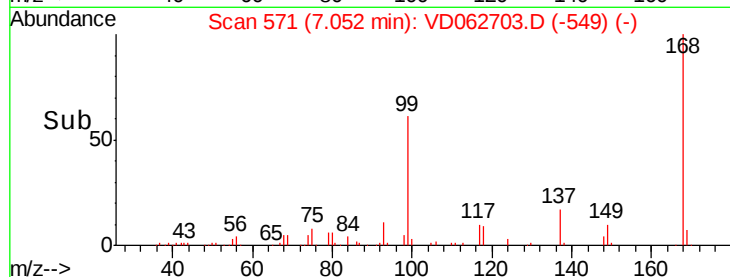
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50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 44.991 ug/l

RT: 1.58 min Scan# 15

Delta R.T. 0.01 min

Lab File: VD062703.D

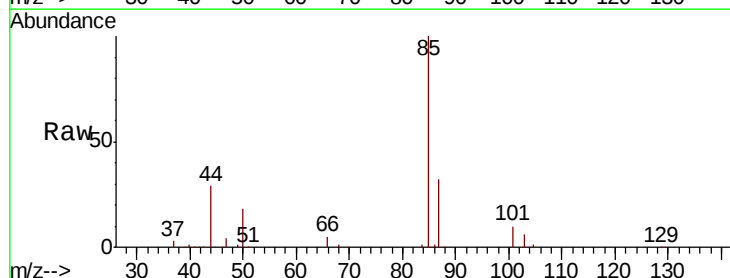
Acq: 14 Jun 2019 11:23

Tgt Ion: 85 Resp: 399384

Ion Ratio Lower Upper

85 100

87 31.6 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

200000

150000

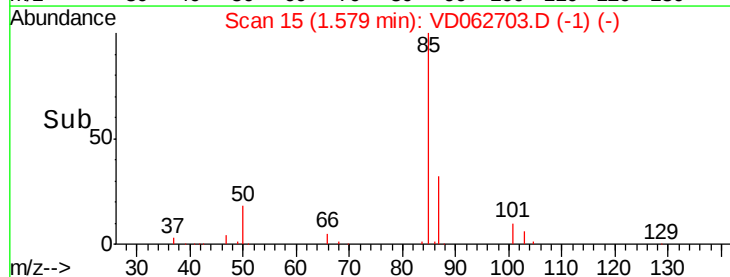
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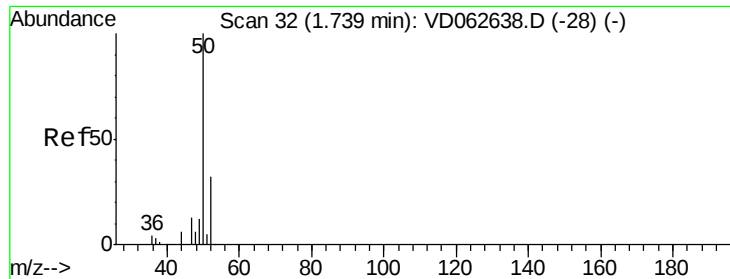
50000

0

1.50 1.60 1.70

Time-->





#3

Chloromethane

Concen: 46.931 ug/l

RT: 1.76 min Scan# 33

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

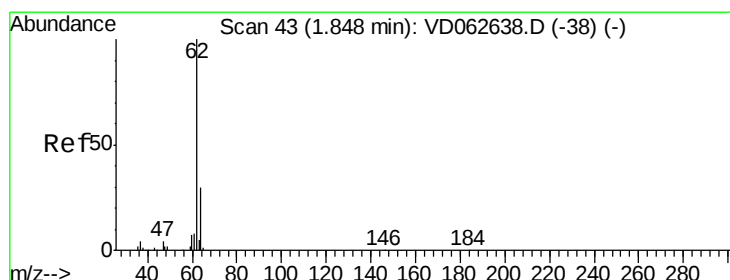
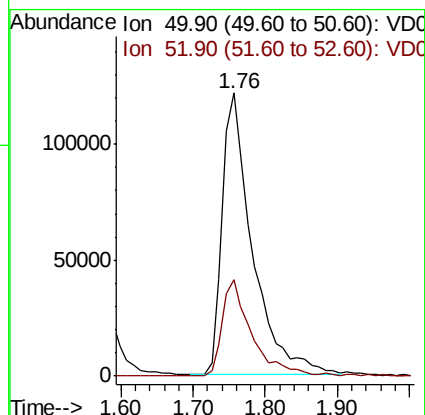
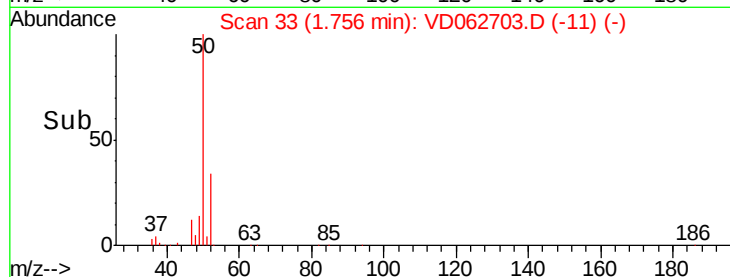
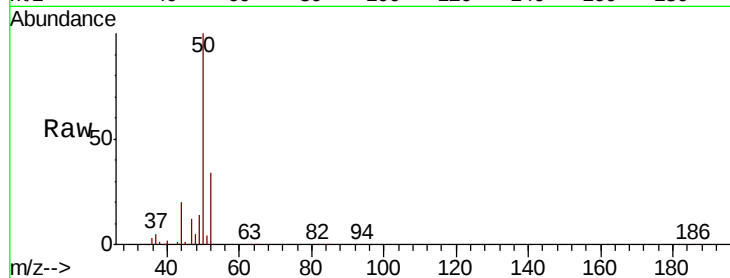
VSTDCCC050

Tot Ion: 50 Resp: 352546

Ion Ratio Lower Upper

50 100

52 34.0 25.8 38.8



#4

Vinyl Chloride

Concen: 49.536 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.01 min

Lab File: VD062703.D

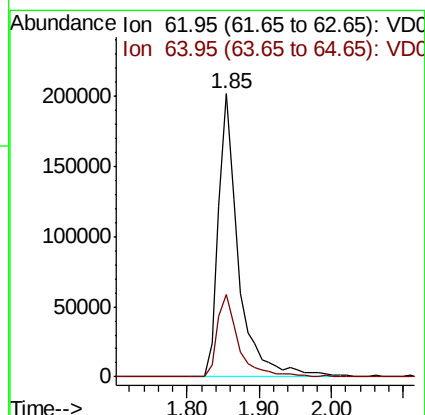
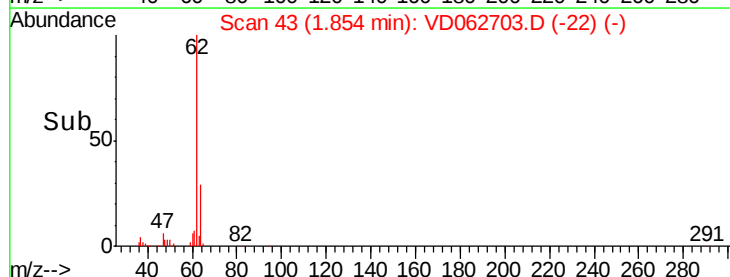
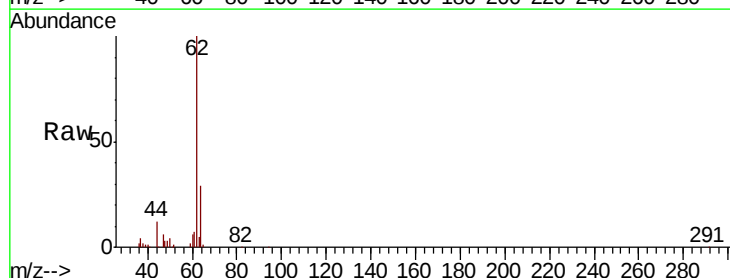
Acq: 14 Jun 2019 11:23

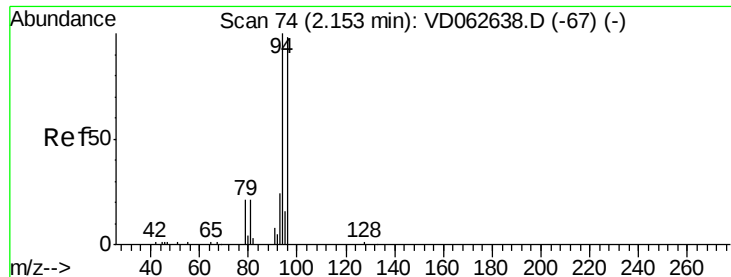
Tgt Ion: 62 Resp: 383711

Ion Ratio Lower Upper

62 100

64 29.3 24.2 36.4





#5

Bromomethane

Concen: 49.816 ug/l

RT: 2.16 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

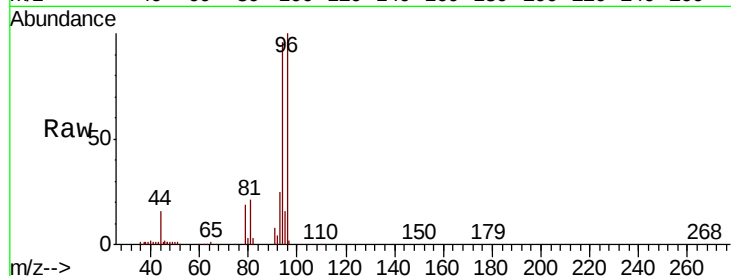
Tot Ion: 94 Resp: 194784

Ion Ratio Lower Upper

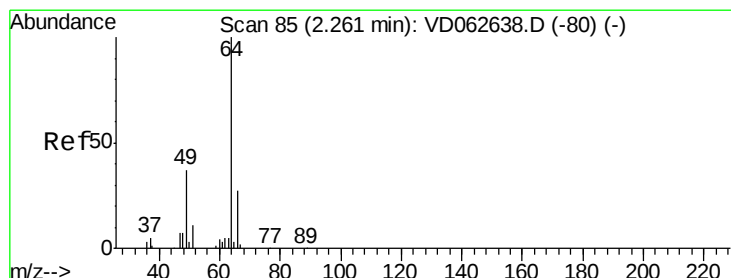
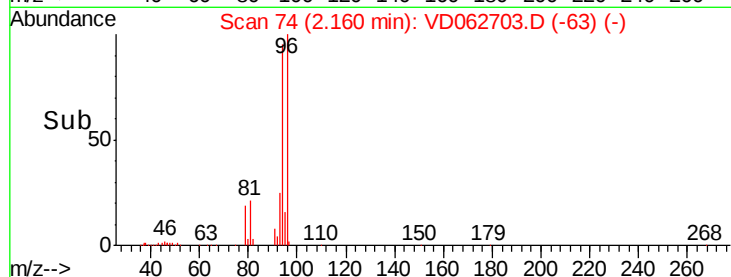
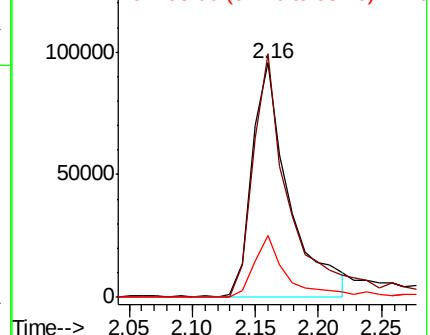
94 100

96 104.0 78.1 117.1

93 26.3 19.6 29.4



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



#6

Chloroethane

Concen: 53.797 ug/l

RT: 2.28 min Scan# 86

Delta R.T. 0.02 min

Lab File: VD062703.D

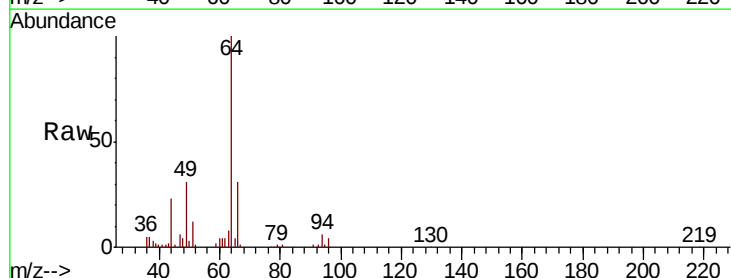
Acq: 14 Jun 2019 11:23

Tgt Ion: 64 Resp: 205742

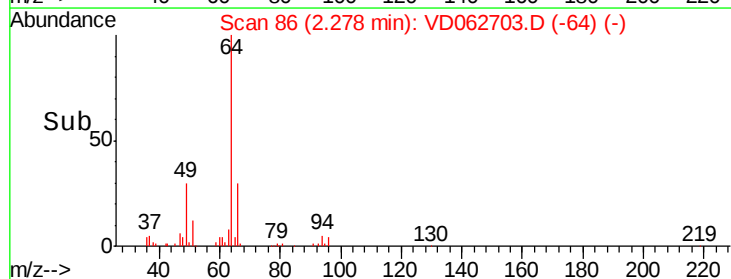
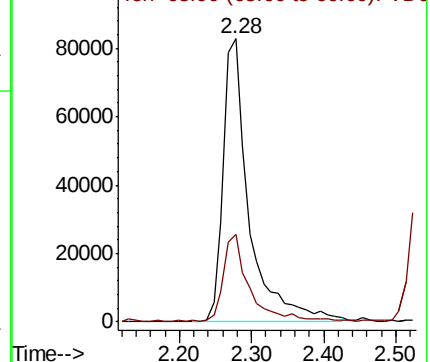
Ion Ratio Lower Upper

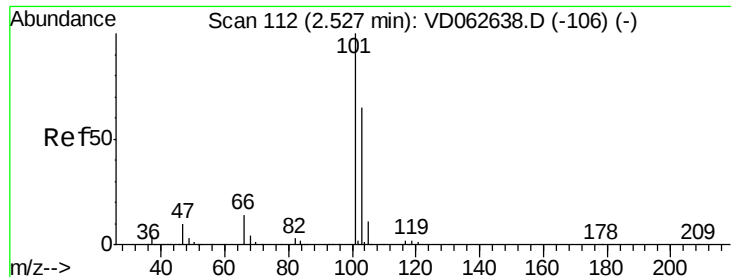
64 100

66 31.1 21.9 32.9



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



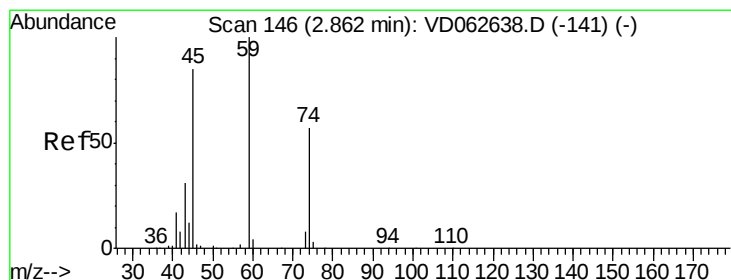
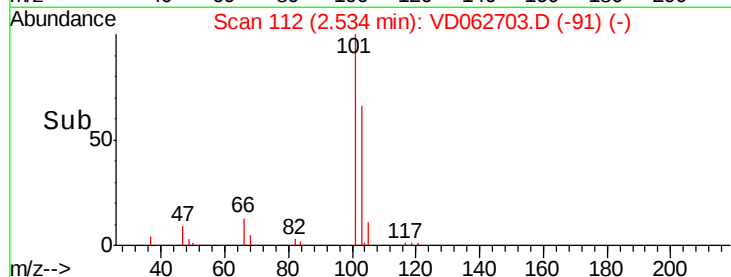
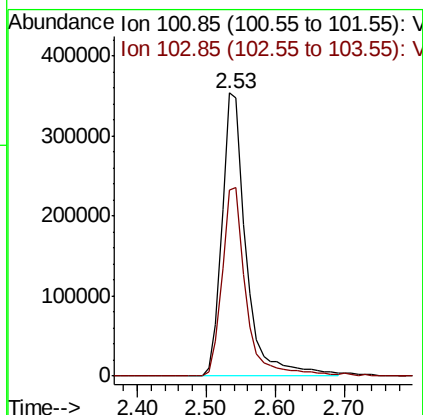
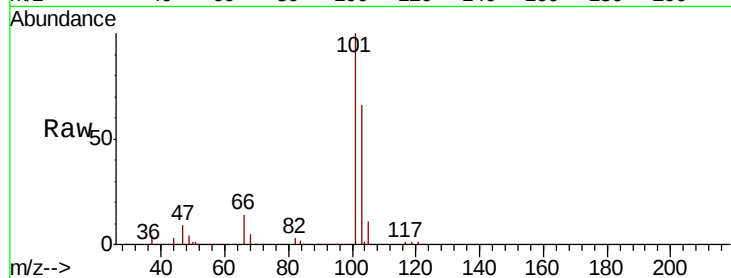


#7

Trichlorofluoromethane  
 Concen: 49.647 ug/l  
 RT: 2.53 min Scan# 112  
 Delta R.T. 0.01 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

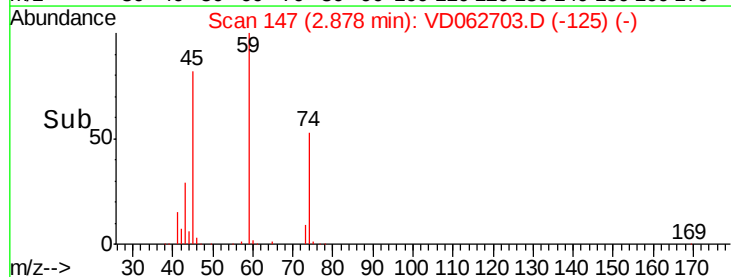
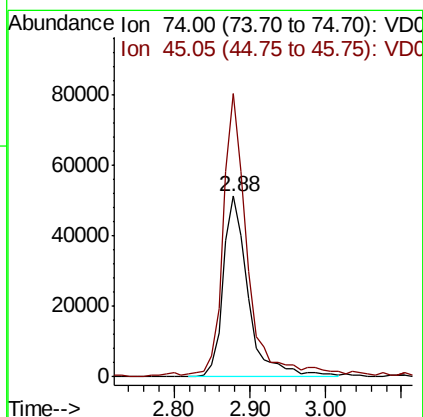
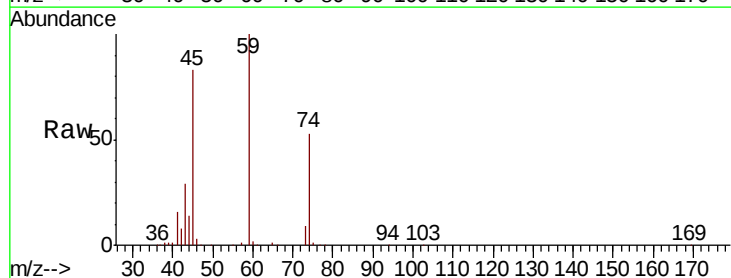
Tot Ion:101 Resp: 860772  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 52.2 78.2

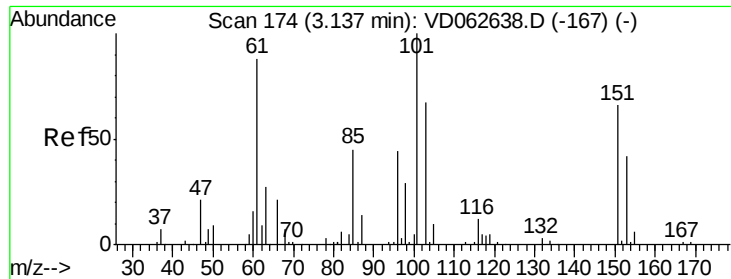


#8

Diethyl Ether  
 Concen: 50.075 ug/l  
 RT: 2.88 min Scan# 147  
 Delta R.T. 0.02 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

Tgt Ion: 74 Resp: 118083  
 Ion Ratio Lower Upper  
 74 100  
 45 156.8 74.9 224.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.141 ug/l

RT: 3.15 min Scan# 175

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

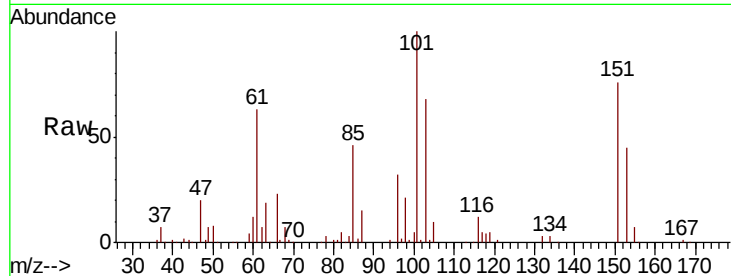
Tot Ion:101 Resp: 487542

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

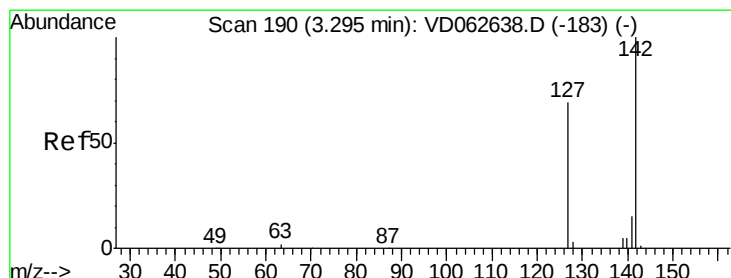
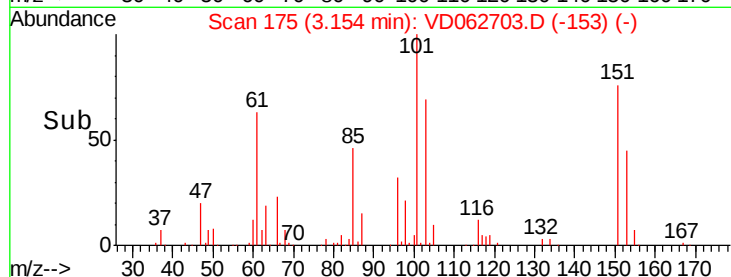
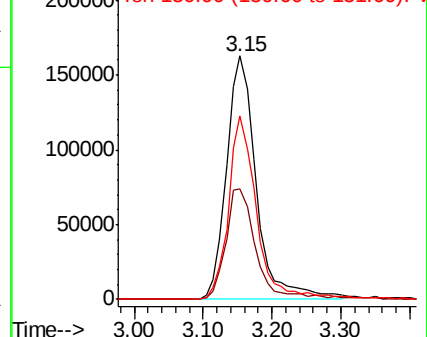
151 75.5 52.6 79.0



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: 46.824 ug/l

RT: 3.31 min Scan# 191

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

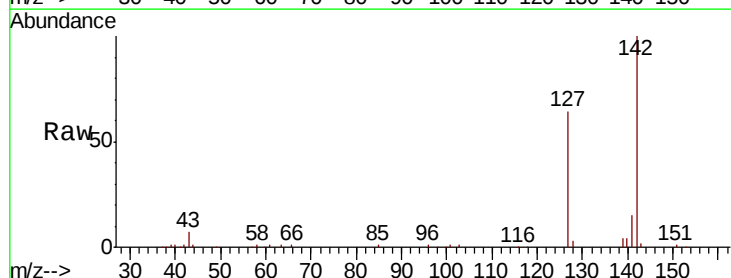
Tgt Ion:142 Resp: 631813

Ion Ratio Lower Upper

142 100

127 63.5 55.2 82.8

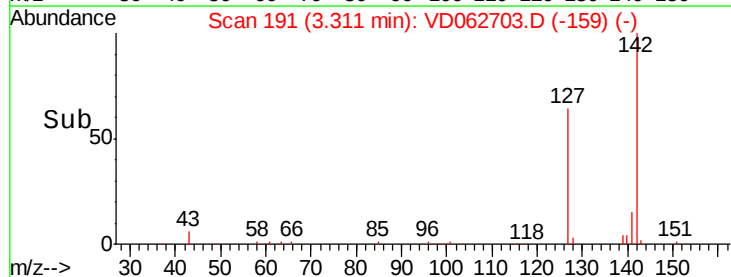
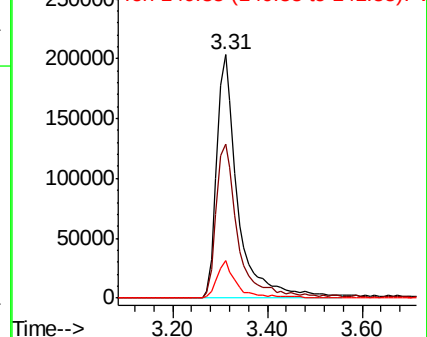
141 15.5 12.1 18.1

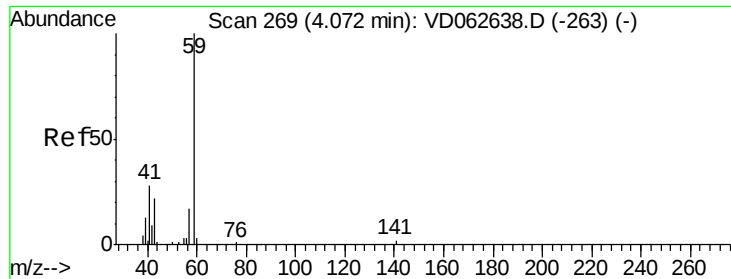


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



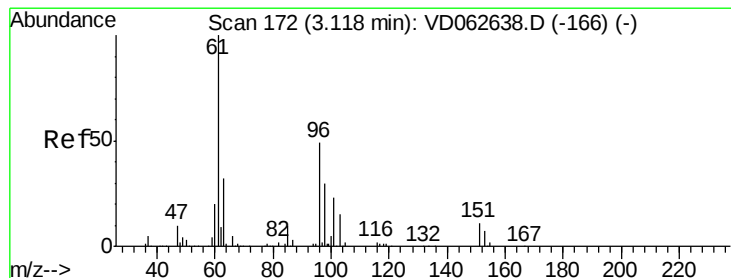
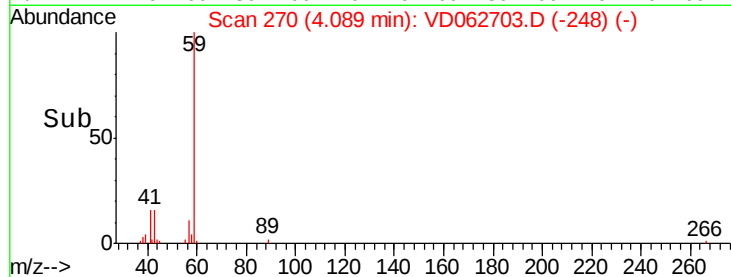
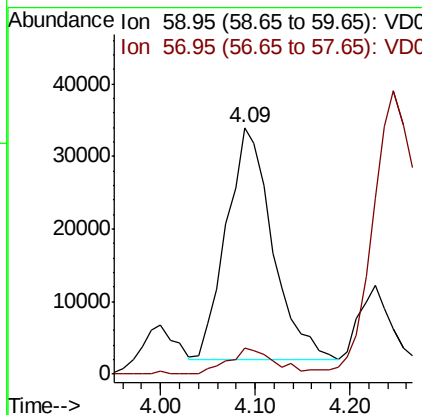
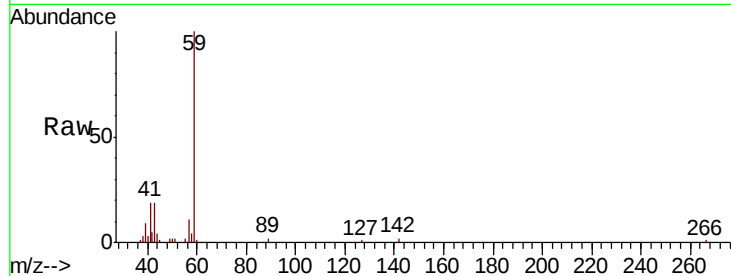


#11

Tert butyl alcohol  
 Concen: 238.240 ug/l  
 RT: 4.09 min Scan# 270  
 Delta R.T. 0.02 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

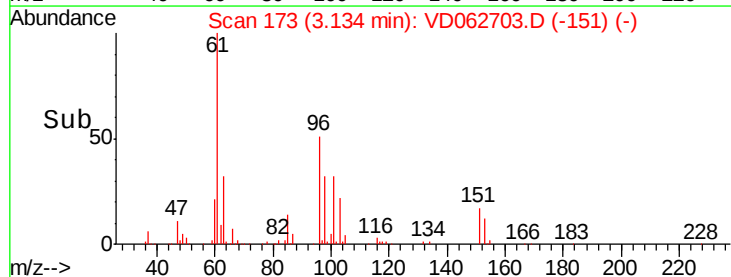
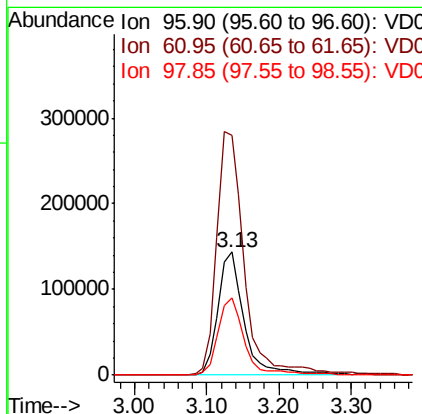
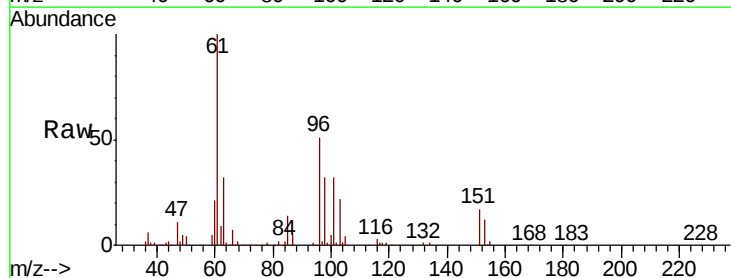
Tot Ion: 59 Resp: 107282  
 Ion Ratio Lower Upper  
 59 100  
 57 10.8 13.7 20.5#

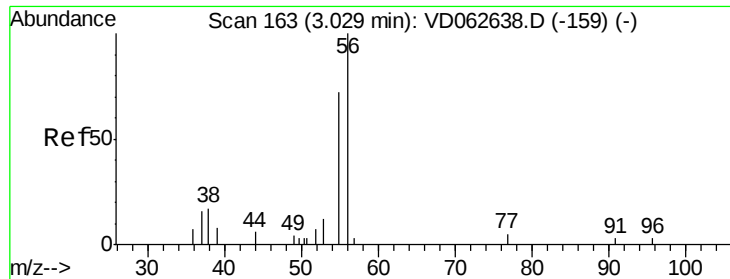


#12

1,1-Dichloroethene  
 Concen: 53.843 ug/l  
 RT: 3.13 min Scan# 173  
 Delta R.T. 0.02 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

Tgt Ion: 96 Resp: 361299  
 Ion Ratio Lower Upper  
 96 100  
 61 194.9 161.8 242.8  
 98 62.8 48.2 72.4





#13

Acrolein

Concen: 275.096 ug/l

RT: 3.05 min Scan# 164

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

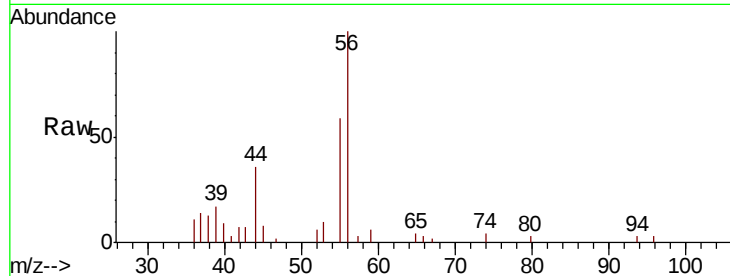
VSTDCCC050

Tot Ion: 56 Resp: 39848

Ion Ratio Lower Upper

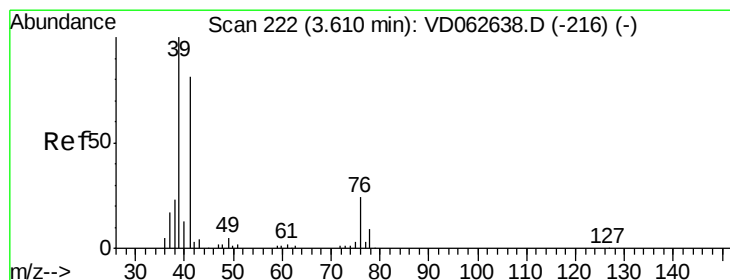
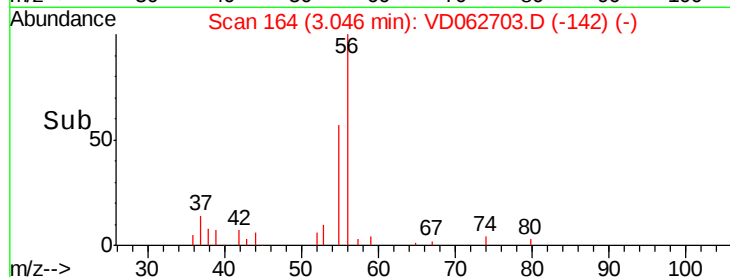
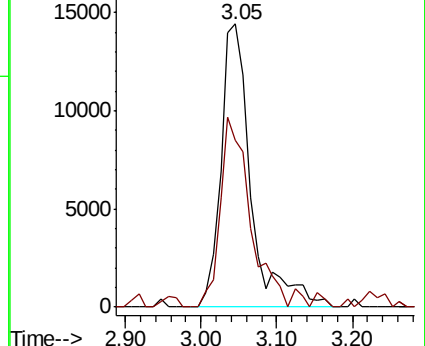
56 100

55 58.8 59.4 89.0#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 54.452 ug/l

RT: 3.63 min Scan# 223

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

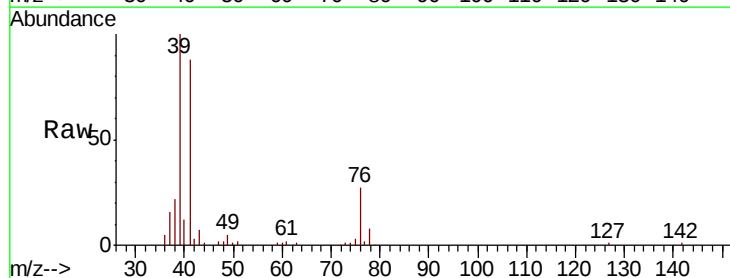
Tgt Ion: 41 Resp: 561812

Ion Ratio Lower Upper

41 100

39 114.3 99.1 148.7

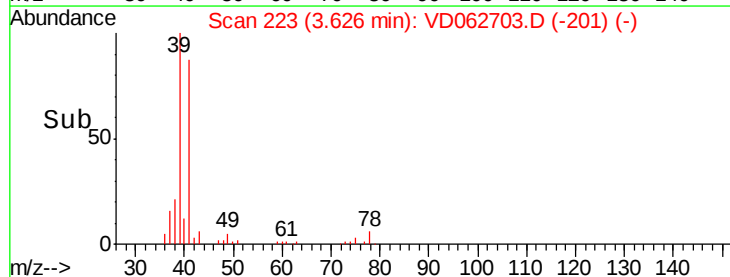
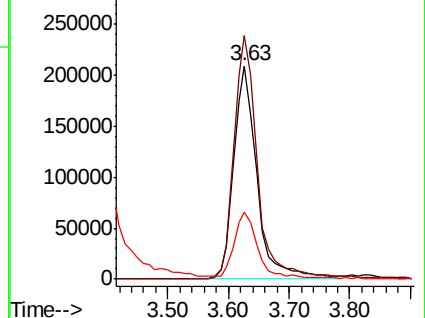
76 31.2 25.0 37.6

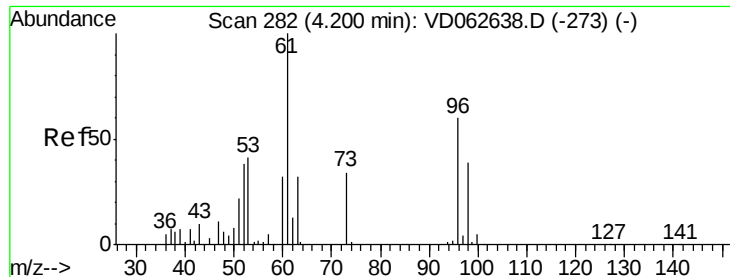


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 258.608 ug/l

RT: 4.21 min Scan# 282

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

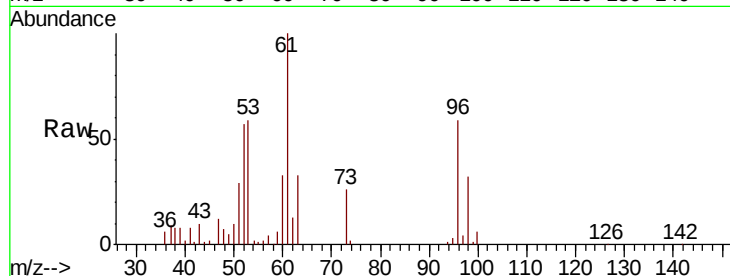
Tot Ion: 53 Resp: 264631

Ion Ratio Lower Upper

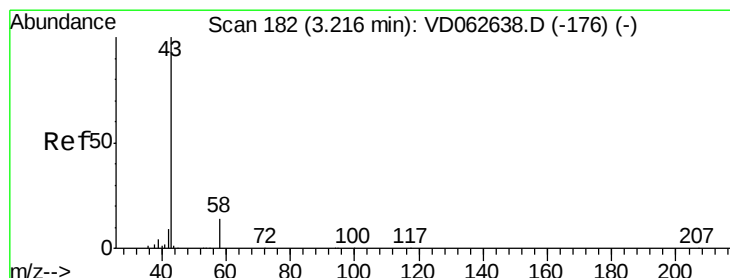
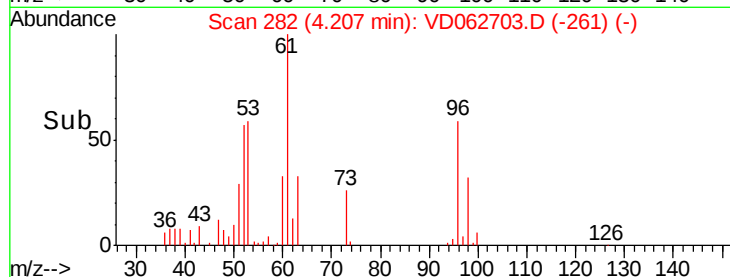
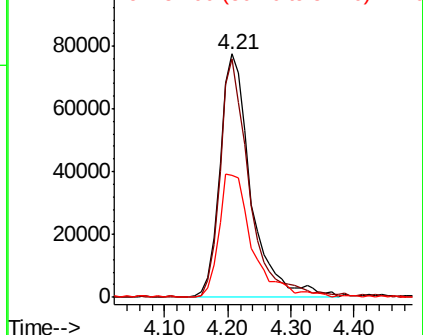
53 100

52 97.8 73.6 110.4

51 50.0 42.0 63.0



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: 299.977 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD062703.D

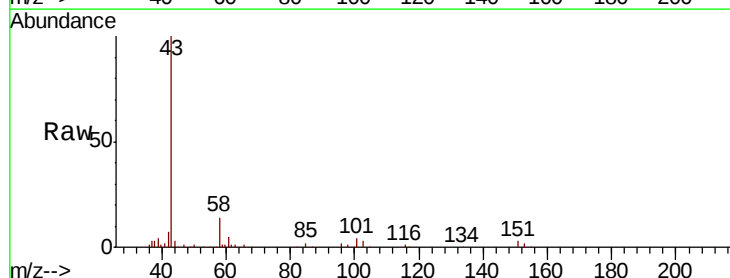
Acq: 14 Jun 2019 11:23

Tgt Ion: 43 Resp: 601771

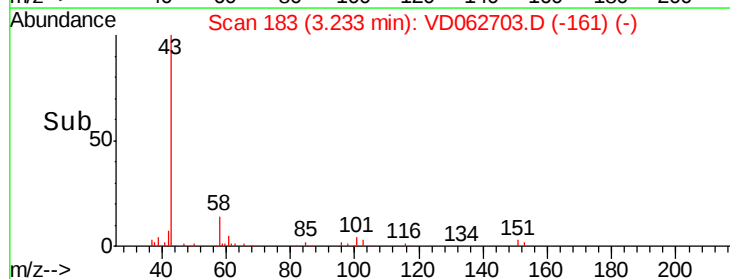
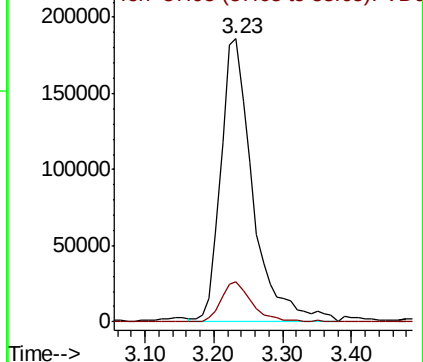
Ion Ratio Lower Upper

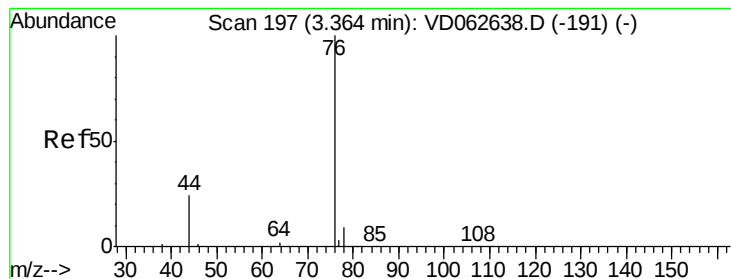
43 100

58 14.4 10.8 16.2



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





#17

Carbon Disulfide

Concen: 52.914 ug/l

RT: 3.38 min Scan# 198

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

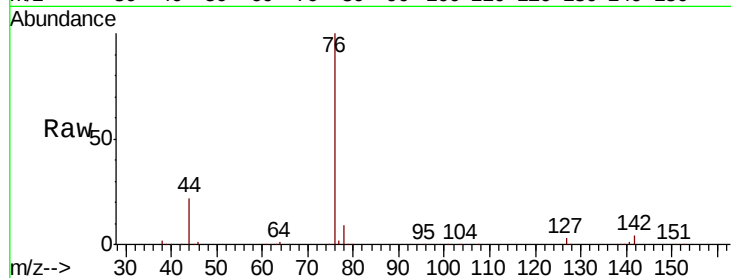
VSTDCCC050

Tot Ion: 76 Resp: 1046329

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.38

400000

300000

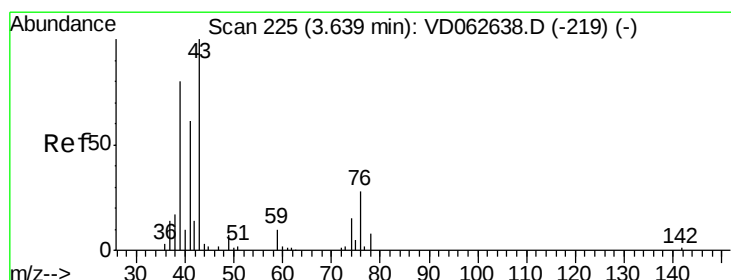
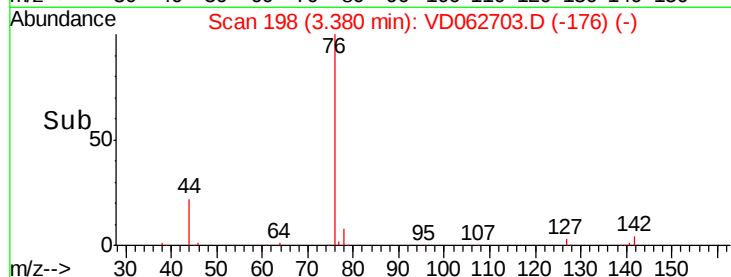
200000

100000

0

3.30 3.40 3.50 3.60

Time-->



#18

Methyl Acetate

Concen: 44.403 ug/l

RT: 3.65 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD062703.D

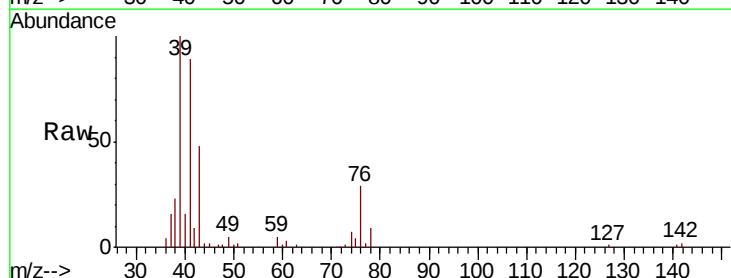
Acq: 14 Jun 2019 11:23

Tgt Ion: 43 Resp: 146389

Ion Ratio Lower Upper

43 100

74 15.4 12.1 18.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.65

60000

50000

40000

30000

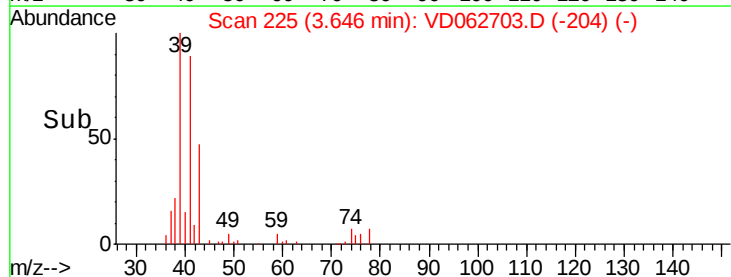
20000

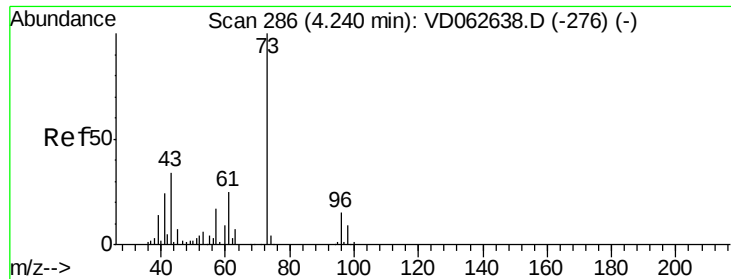
10000

0

3.50 3.60 3.70 3.80

Time-->

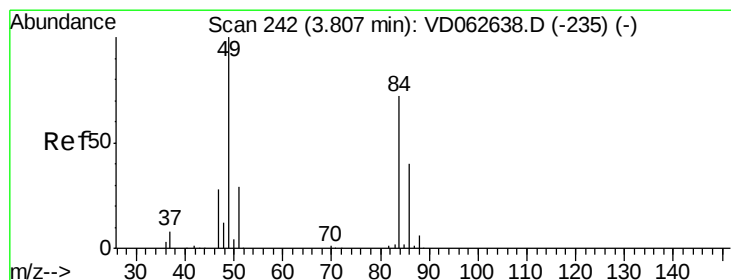
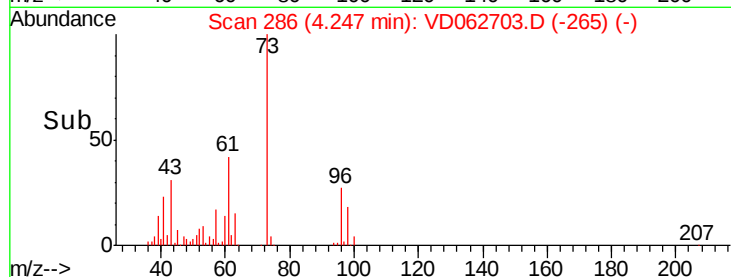
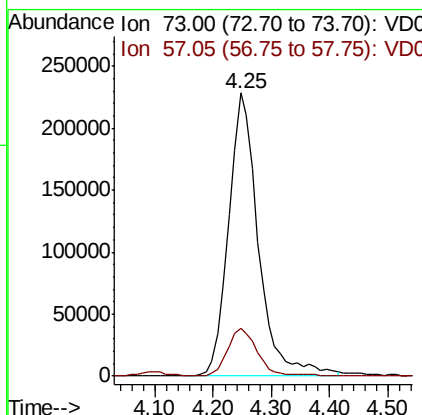
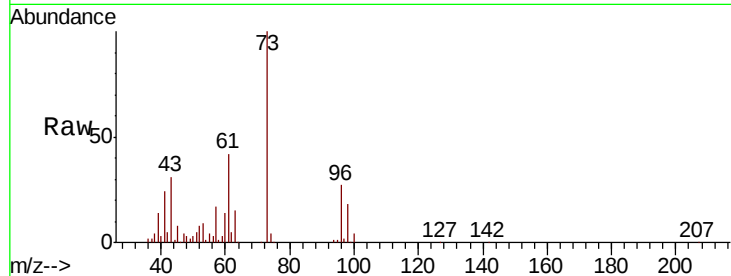




#19  
Methyl tert-butyl Ether  
Concen: 49.634 ug/l  
RT: 4.25 min Scan# 286  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

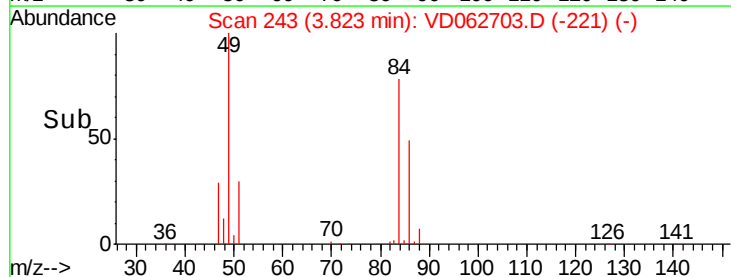
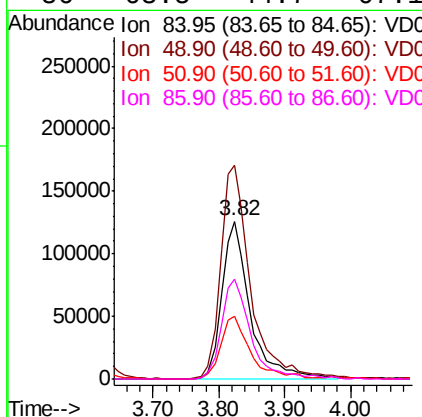
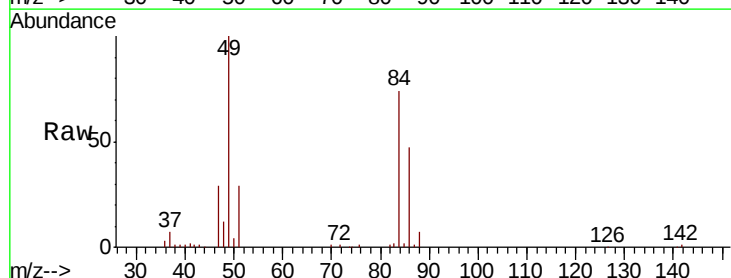
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

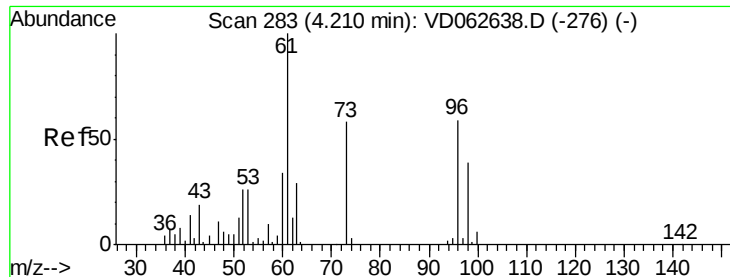
Tot Ion: 73 Resp: 812305  
Ion Ratio Lower Upper  
73 100  
57 17.1 13.5 20.3



#20  
Methylene Chloride  
Concen: 49.624 ug/l  
RT: 3.82 min Scan# 243  
Delta R.T. 0.02 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Tgt Ion: 84 Resp: 376147  
Ion Ratio Lower Upper  
84 100  
49 135.4 111.2 166.8  
51 39.8 31.9 47.9  
86 63.5 44.7 67.1





#21

trans-1,2-Dichloroethene

Concen: 53.110 ug/l

RT: 4.23 min Scan# 284

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

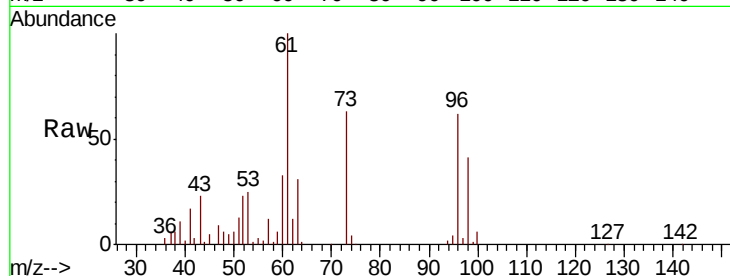
Tot Ion: 96 Resp: 390922

Ion Ratio Lower Upper

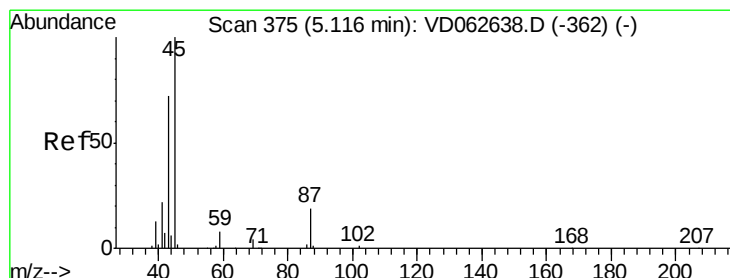
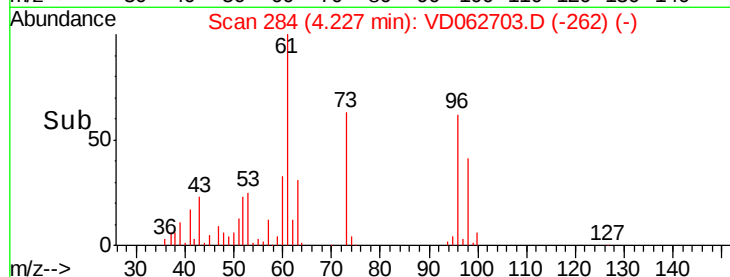
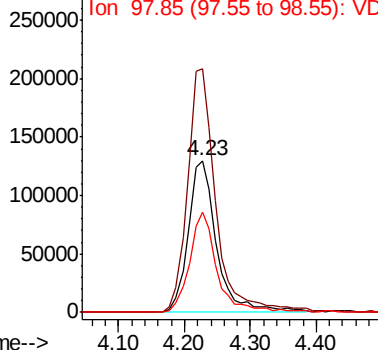
96 100

61 160.1 134.6 201.8

98 66.1 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: 55.216 ug/l

RT: 5.13 min Scan# 376

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Tgt Ion: 45 Resp: 1182912

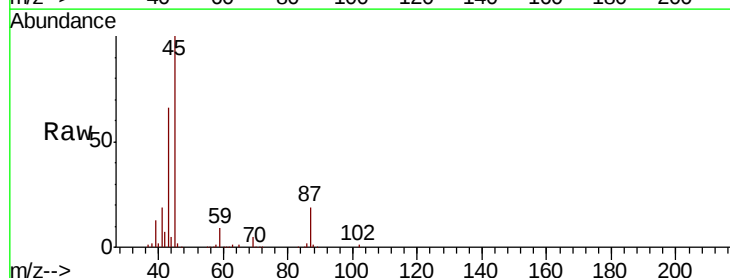
Ion Ratio Lower Upper

45 100

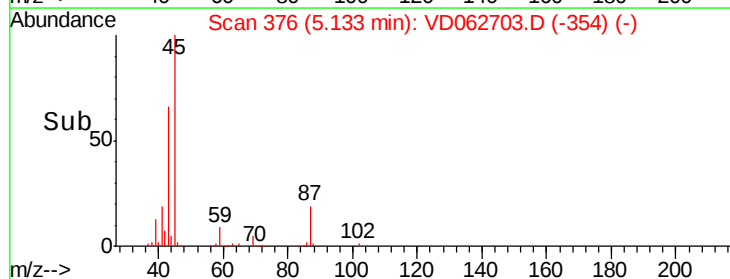
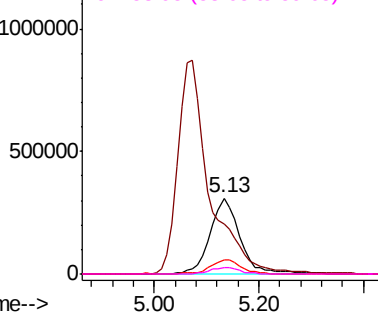
43 66.4 58.8 88.2

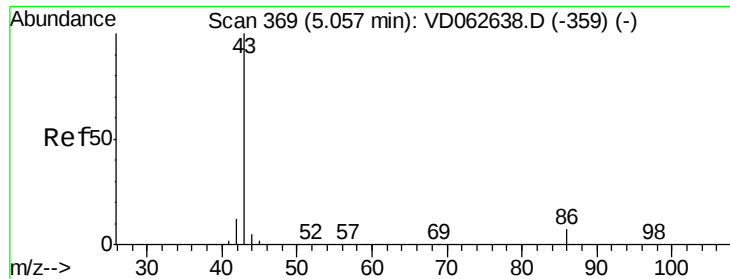
87 18.6 15.7 23.5

59 8.9 6.6 9.8



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: 271.429 ug/l

RT: 5.07 min Scan# 370

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

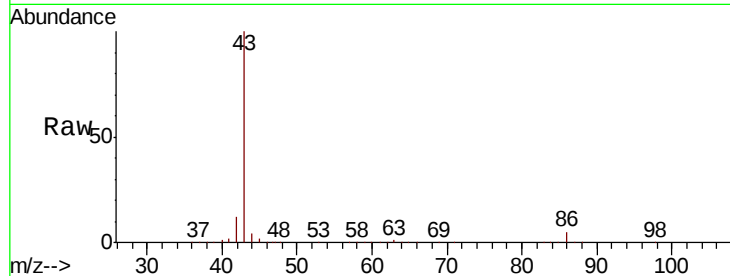
VSTDCCC050

Tot Ion: 43 Resp: 3607500

Ion Ratio Lower Upper

43 100

86 5.4 5.3 7.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

5.07

800000

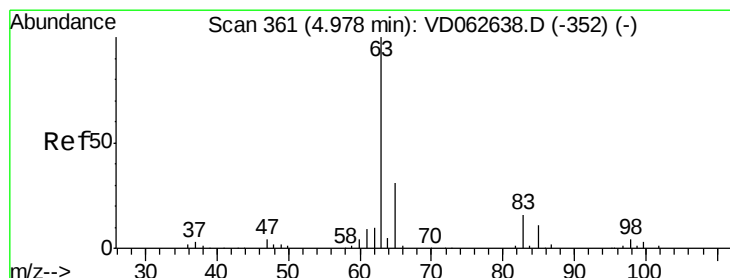
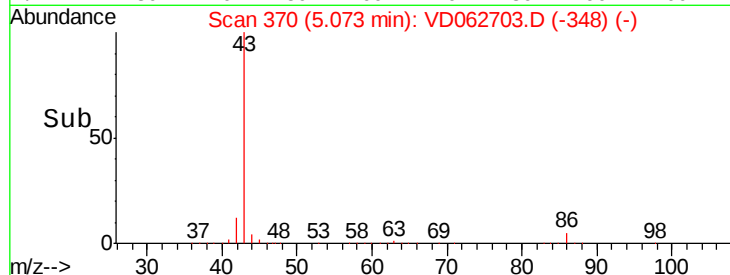
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.623 ug/l

RT: 4.99 min Scan# 362

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

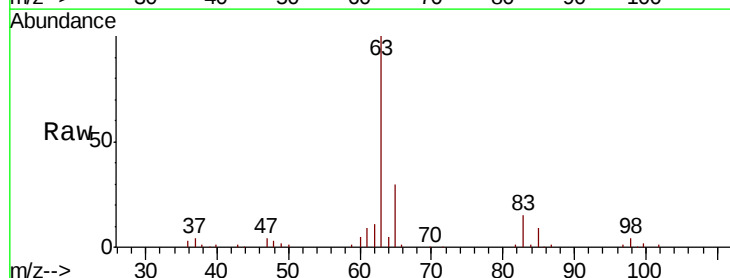
Tgt Ion: 63 Resp: 711474

Ion Ratio Lower Upper

63 100

98 3.7 1.8 5.4

100 2.2 1.5 4.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

250000

200000

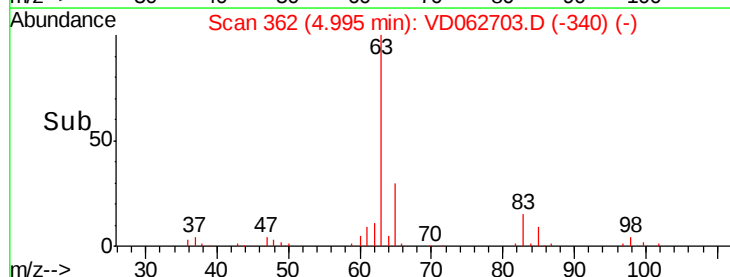
150000

100000

50000

0

Time-->





#25

2-Butanone

Concen: 273.370 ug/l

RT: 6.09 min Scan# 473

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

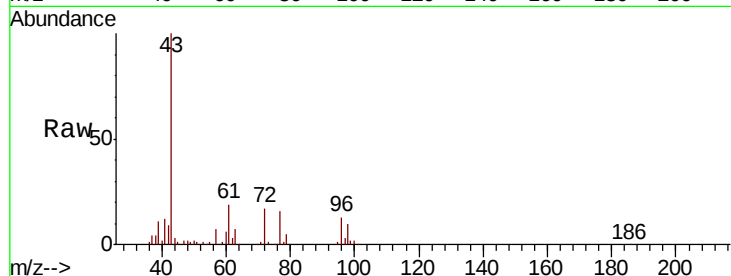
VSTDCCC050

Tot Ion: 43 Resp: 535006

Ion Ratio Lower Upper

43 100

72 16.5 13.5 20.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.09

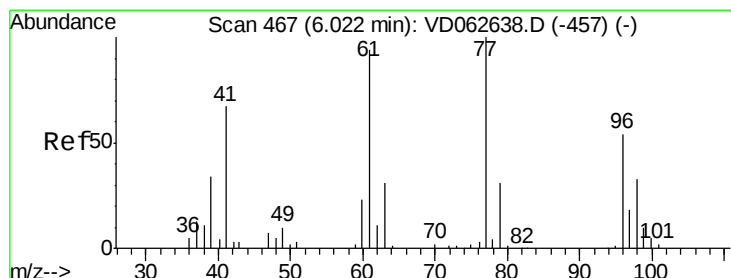
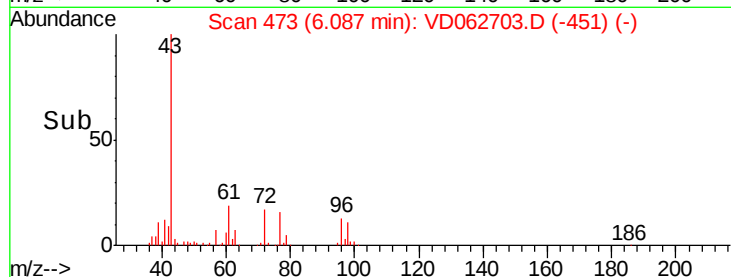
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 54.697 ug/l

RT: 6.03 min Scan# 467

Delta R.T. 0.01 min

Lab File: VD062703.D

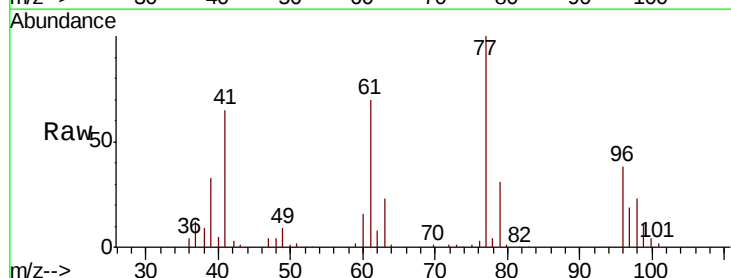
Acq: 14 Jun 2019 11:23

Tgt Ion: 77 Resp: 868810

Ion Ratio Lower Upper

77 100

97 18.9 8.8 26.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

6.03

250000

200000

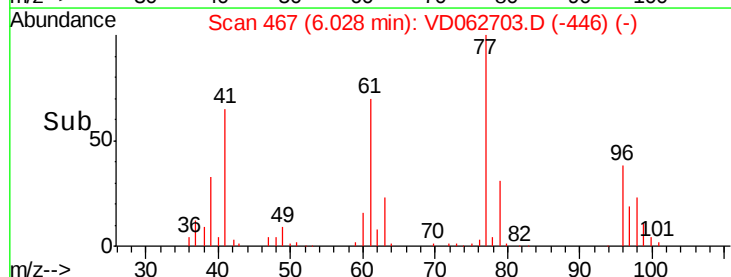
150000

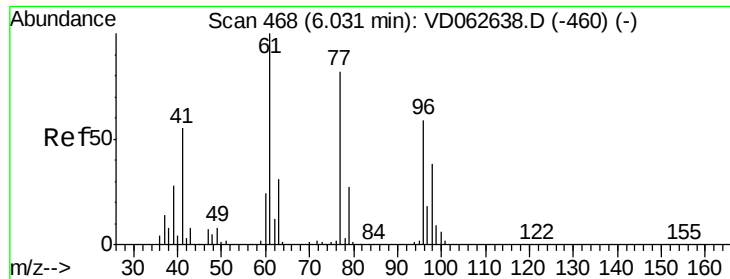
100000

50000

0

Time-->

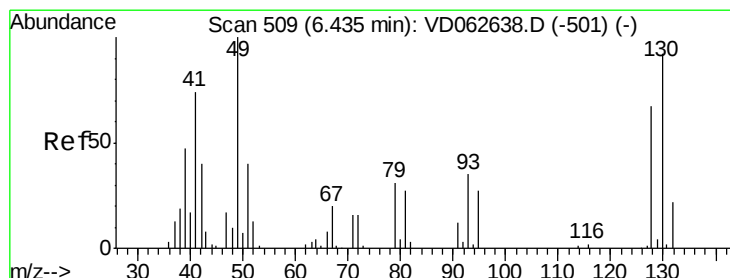
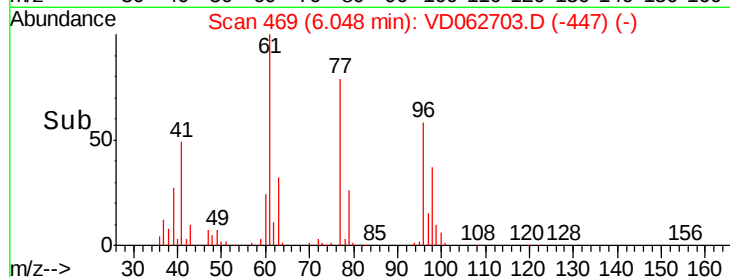
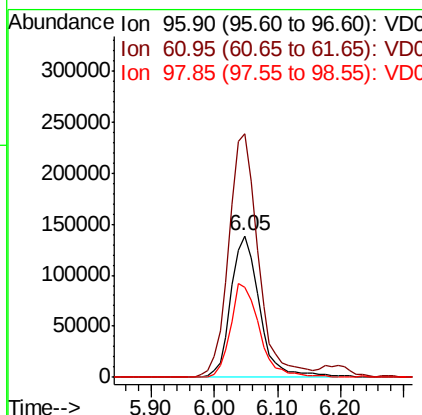
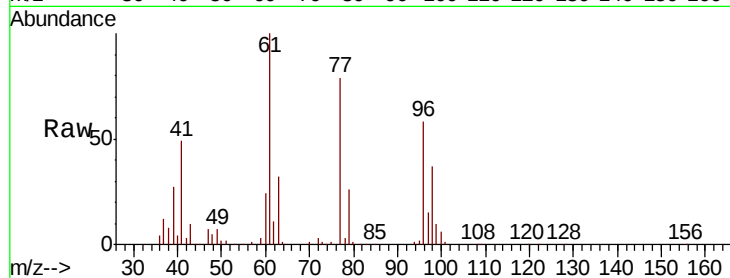




#27  
 cis-1,2-Dichloroethene  
 Concen: 54.502 ug/l  
 RT: 6.05 min Scan# 469  
 Delta R.T. 0.02 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

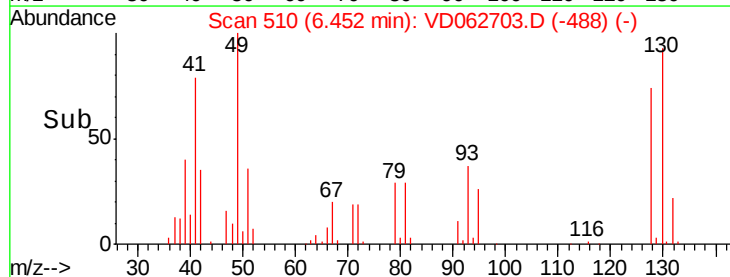
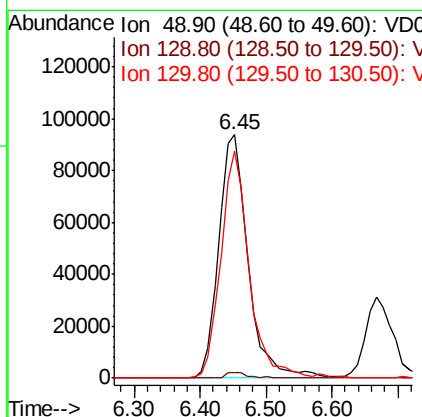
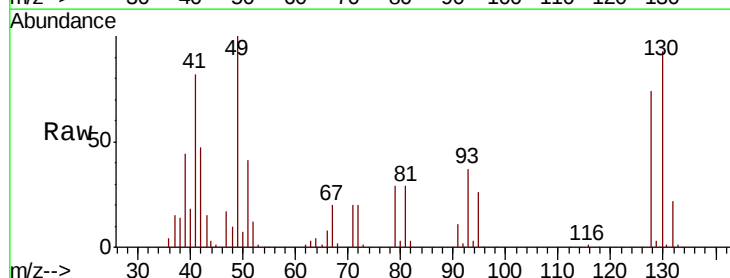
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

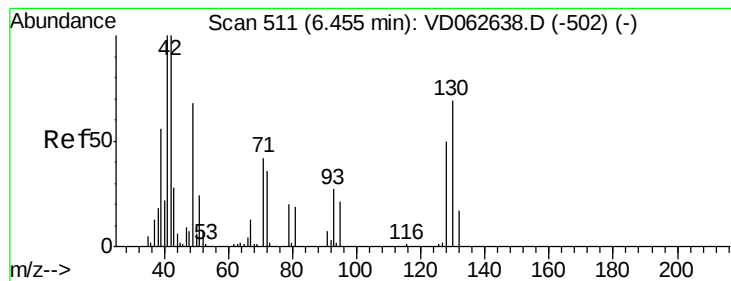
Tot Ion: 96 Resp: 434894  
 Ion Ratio Lower Upper  
 96 100  
 61 172.3 0.0 340.0  
 98 63.7 0.0 127.6



#28  
 Bromochloromethane  
 Concen: 55.261 ug/l  
 RT: 6.45 min Scan# 510  
 Delta R.T. 0.02 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

Tgt Ion: 49 Resp: 291136  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 8.2  
 130 93.4 73.4 110.0





#29

Tetrahydrofuran

Concen: 256.417 ug/l

RT: 6.47 min Scan# 512

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

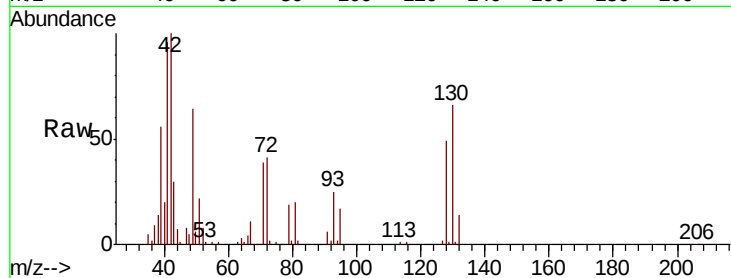
Tot Ion: 42 Resp: 225989

Ion Ratio Lower Upper

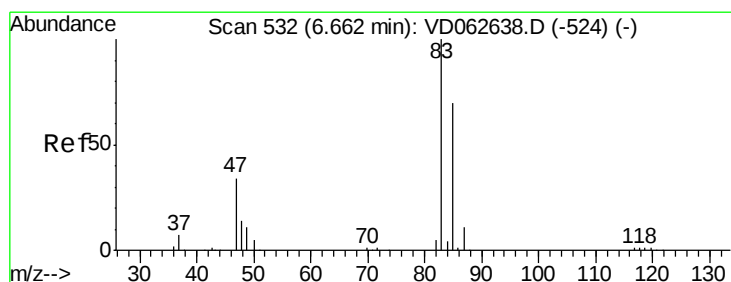
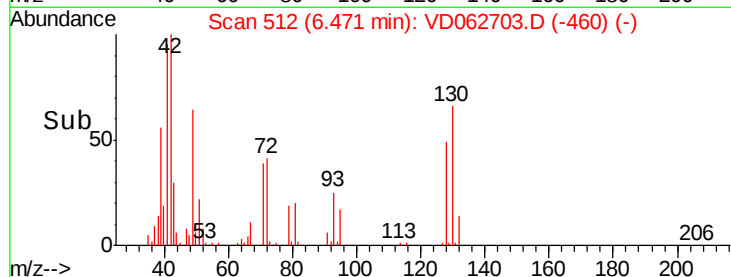
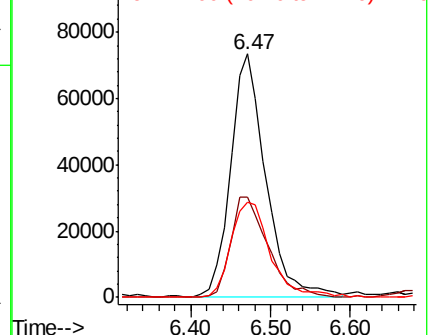
42 100

72 43.8 33.8 50.6

71 43.7 34.2 51.4



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: 52.109 ug/l

RT: 6.67 min Scan# 532

Delta R.T. 0.01 min

Lab File: VD062703.D

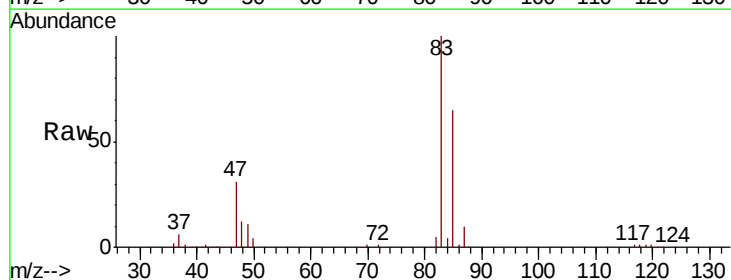
Acq: 14 Jun 2019 11:23

Tgt Ion: 83 Resp: 921430

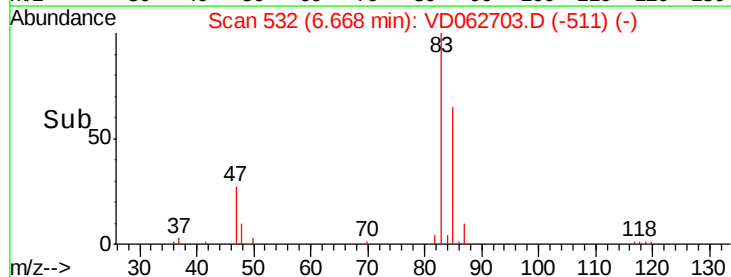
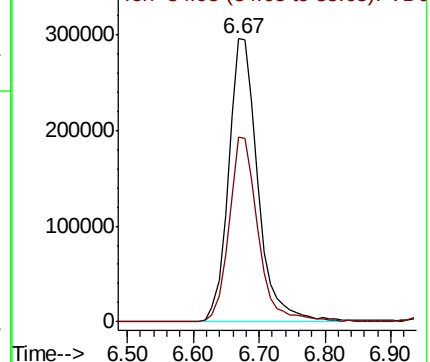
Ion Ratio Lower Upper

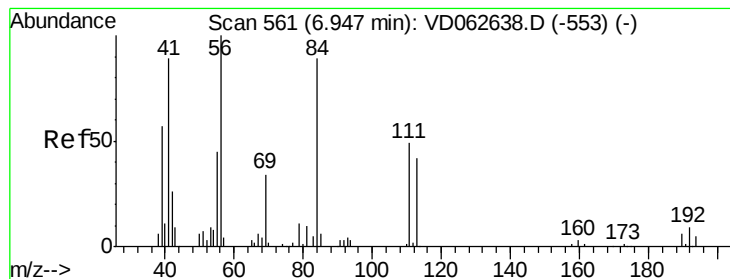
83 100

85 65.4 55.8 83.6



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





#31

Cyclohexane

Concen: 54.991 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

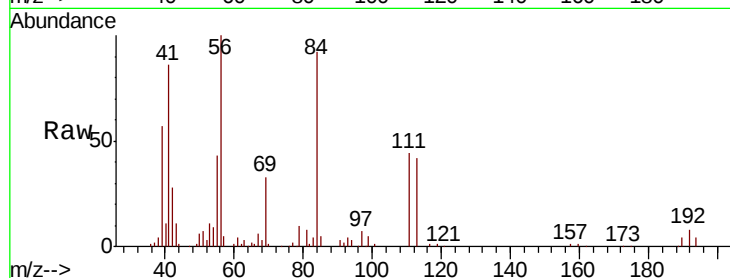
Tot Ion: 56 Resp: 475417

Ion Ratio Lower Upper

56 100

69 33.4 26.8 40.2

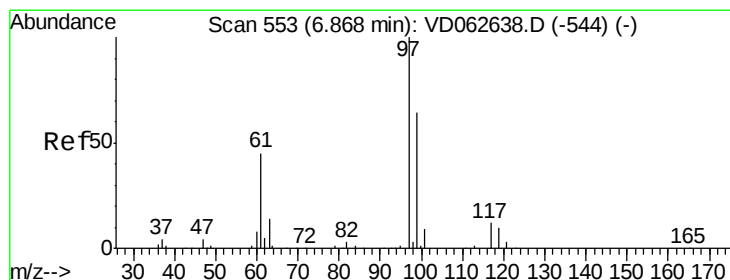
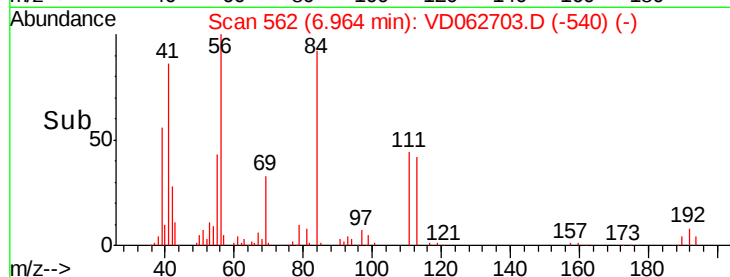
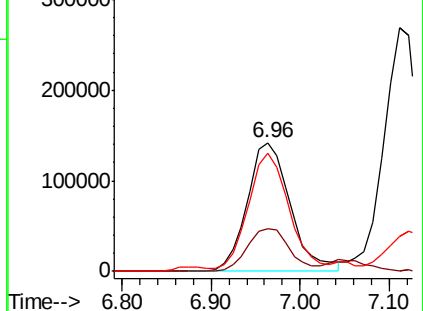
84 91.8 73.9 110.9



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: 57.150 ug/l

RT: 6.87 min Scan# 553

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

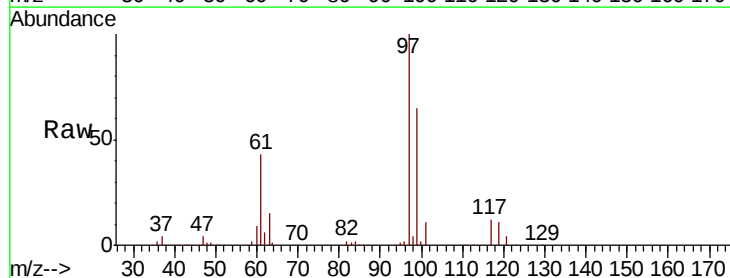
Tgt Ion: 97 Resp: 1005561

Ion Ratio Lower Upper

97 100

99 65.4 51.4 77.0

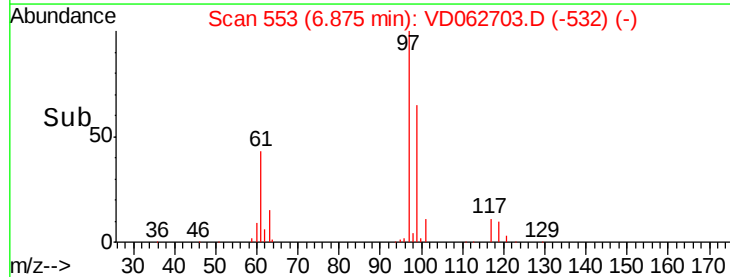
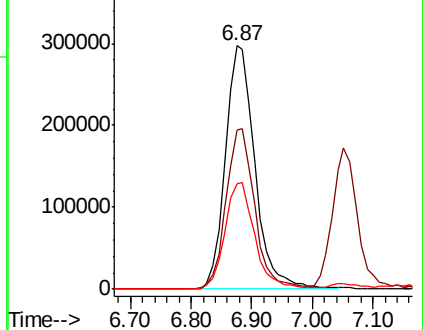
61 43.3 35.6 53.4

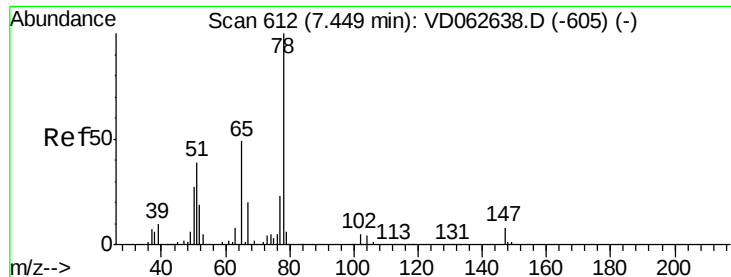


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 98.85 (98.55 to 99.55): VDC

Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 46.605 ug/l

RT: 7.46 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

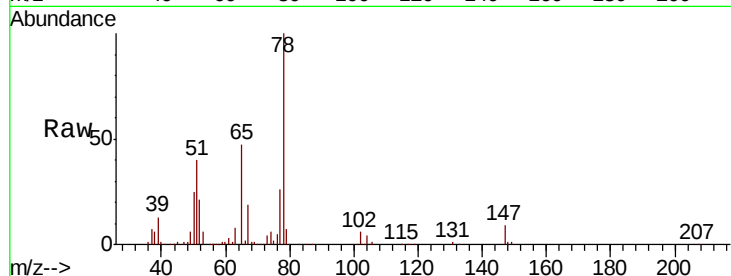
VSTDCCC050

Tot Ion: 65 Resp: 510559

Ion Ratio Lower Upper

65 100

67 41.0 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

200000

150000

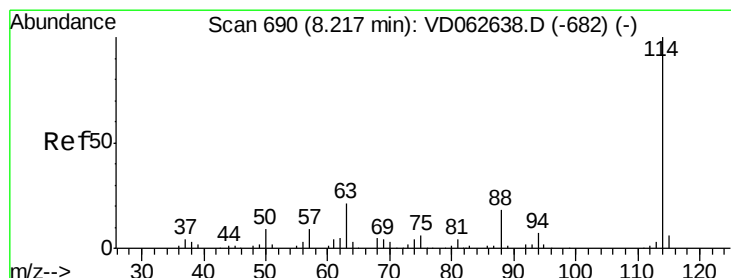
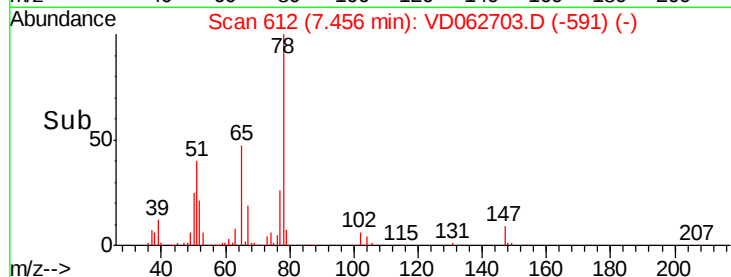
100000

50000

0

7.40 7.50 7.60

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

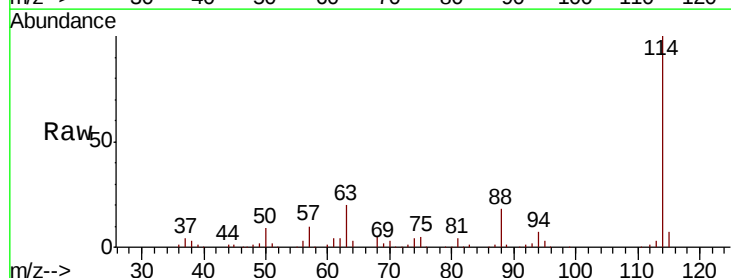
Tgt Ion: 114 Resp: 1030889

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 18.4 0.0 36.8



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

8.22

500000

400000

300000

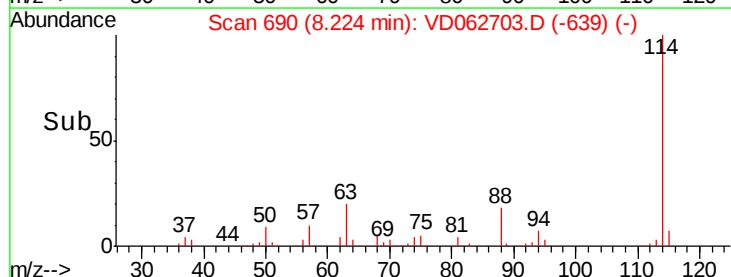
200000

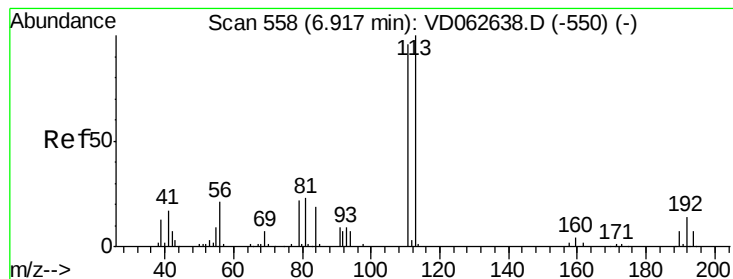
100000

0

8.20 8.40

Time-->





#35

Dibromofluoromethane

Concen: 50.830 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

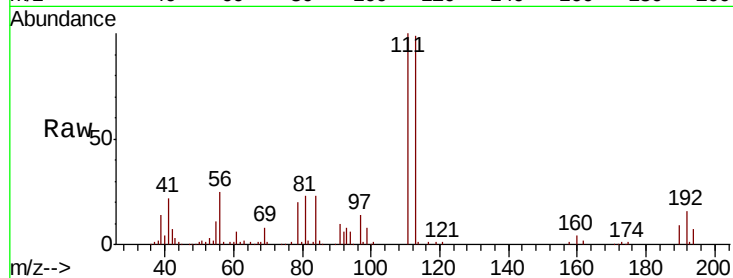
Tot Ion:113 Resp: 552630

Ion Ratio Lower Upper

113 100

111 100.5 76.4 114.6

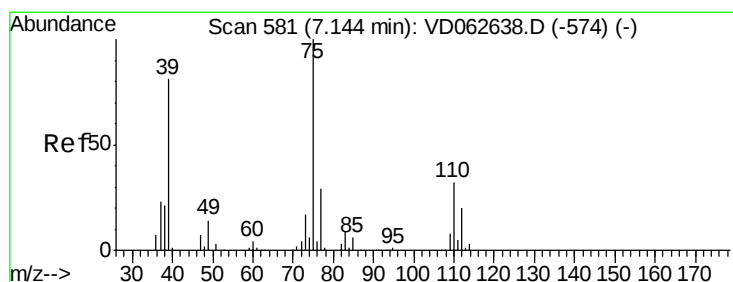
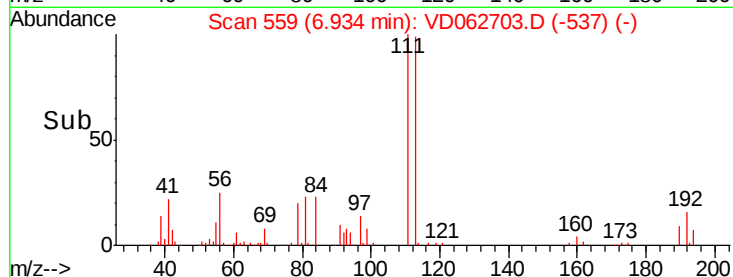
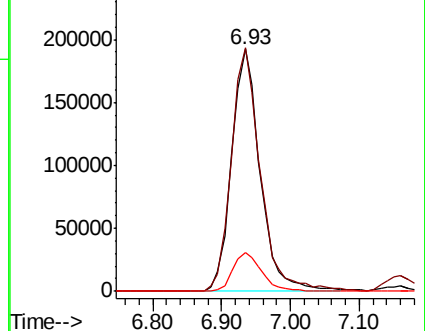
192 16.1 11.4 17.0



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: 51.056 ug/l

RT: 7.16 min Scan# 582

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

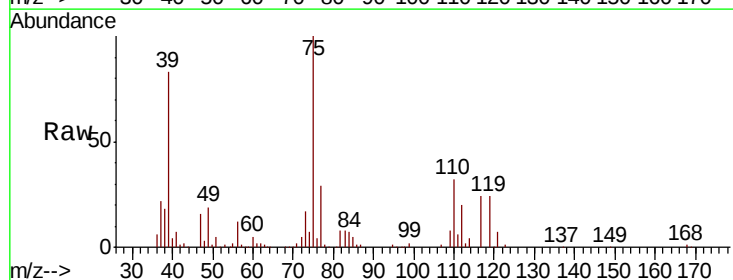
Tgt Ion: 75 Resp: 602385

Ion Ratio Lower Upper

75 100

110 32.1 15.9 47.7

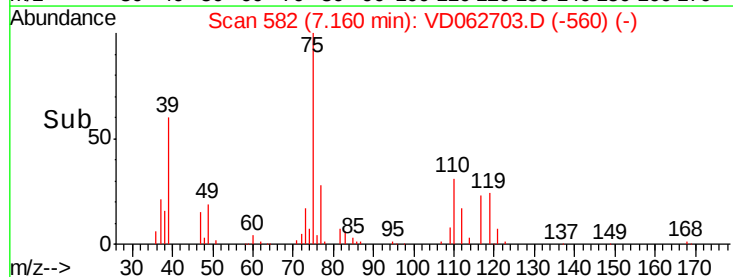
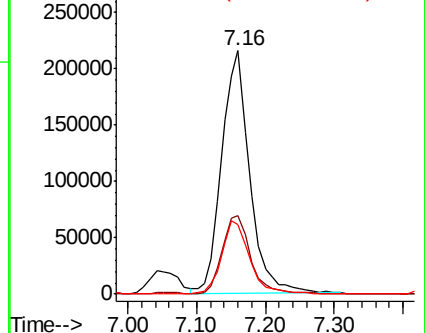
77 28.8 23.3 34.9

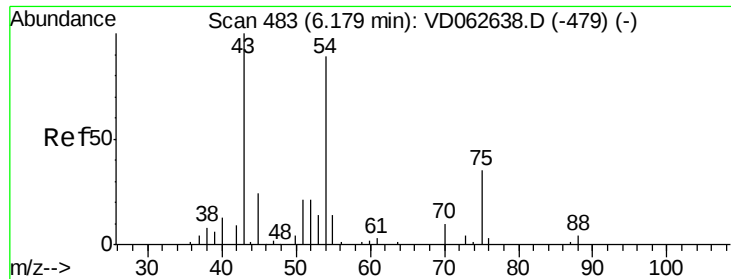


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

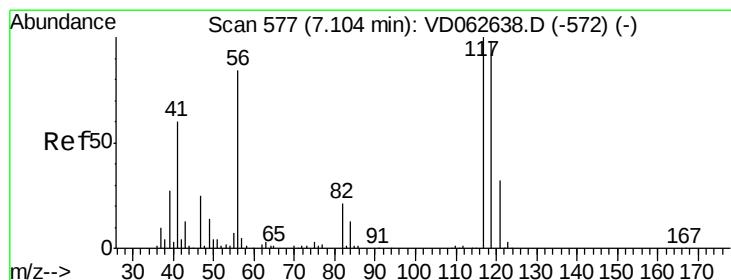
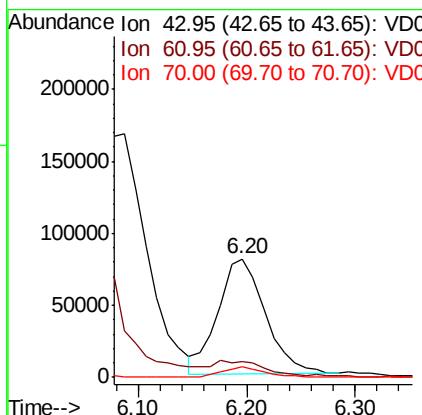
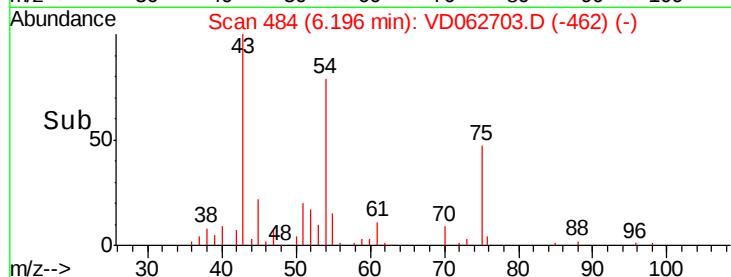
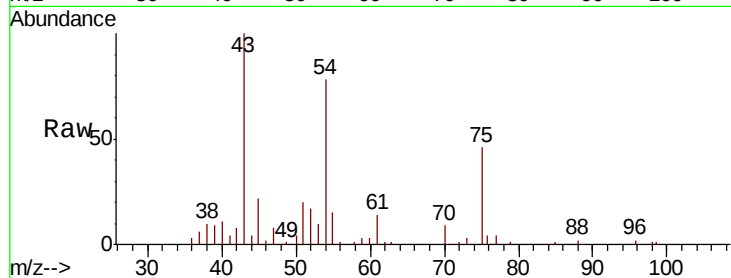




#37  
Ethyl Acetate  
Concen: 48.750 ug/l  
RT: 6.20 min Scan# 484  
Delta R.T. 0.02 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

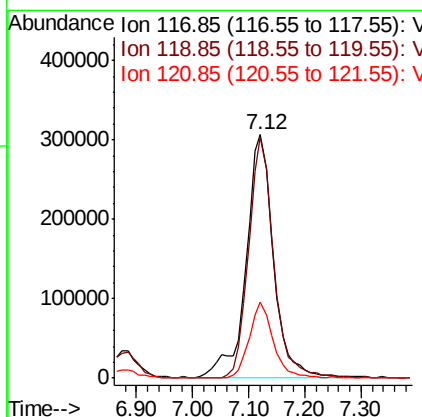
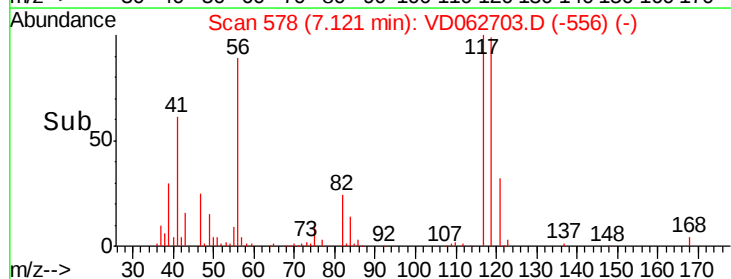
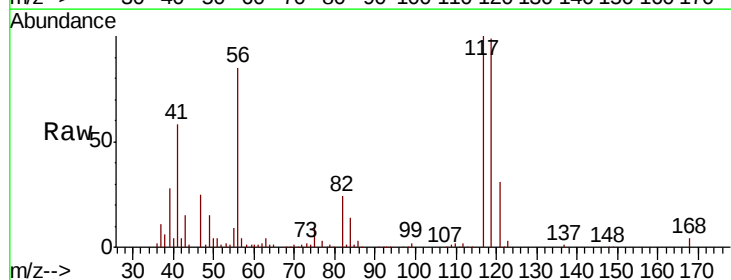
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

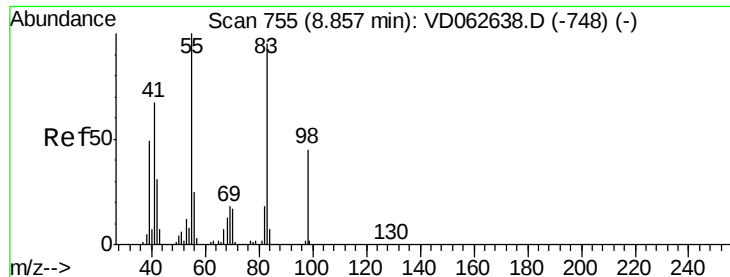
Tot Ion: 43 Resp: 245090  
Ion Ratio Lower Upper  
43 100  
61 13.9 8.7 13.1#  
70 9.0 6.5 9.7



#38  
Carbon Tetrachloride  
Concen: 55.509 ug/l  
RT: 7.12 min Scan# 578  
Delta R.T. 0.02 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Tgt Ion: 117 Resp: 1035171  
Ion Ratio Lower Upper  
117 100  
119 99.2 73.5 110.3  
121 31.3 24.2 36.4

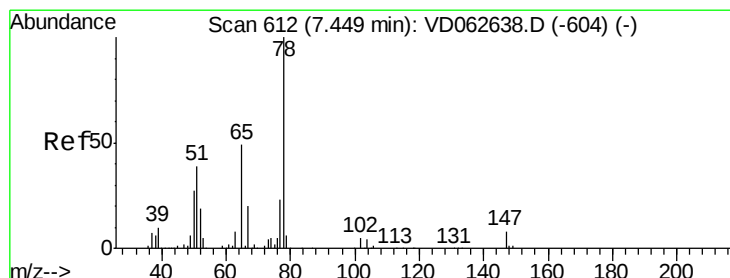
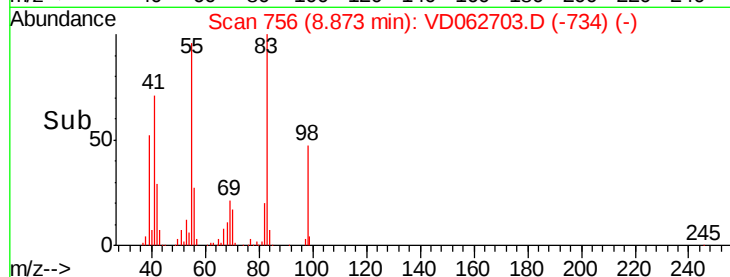
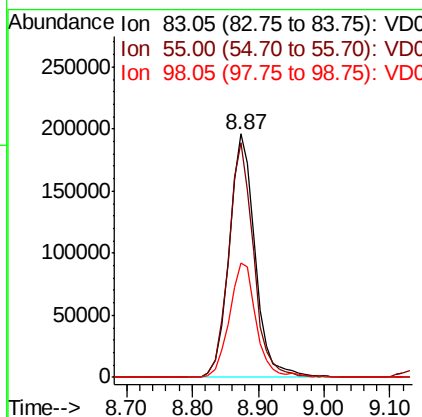
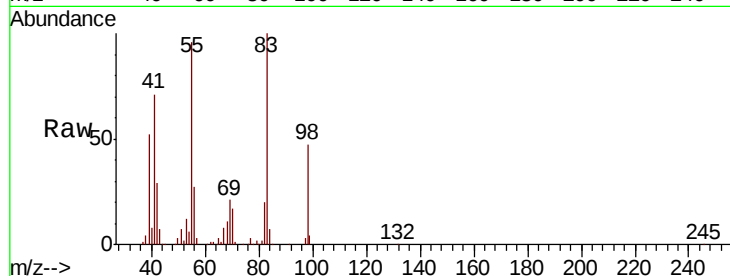




#39  
Methvlcvclohexane  
Concen: 56.653 ug/l  
RT: 8.87 min Scan# 756  
Delta R.T. 0.02 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

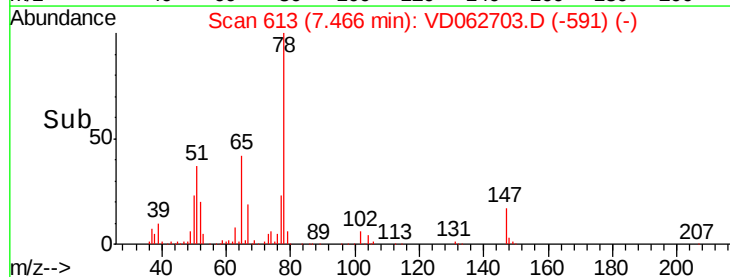
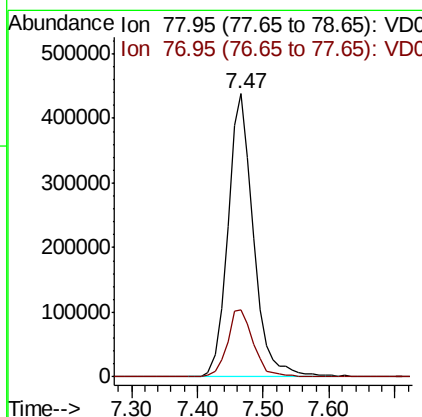
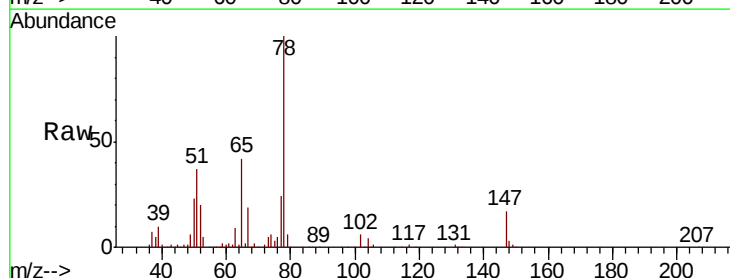
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

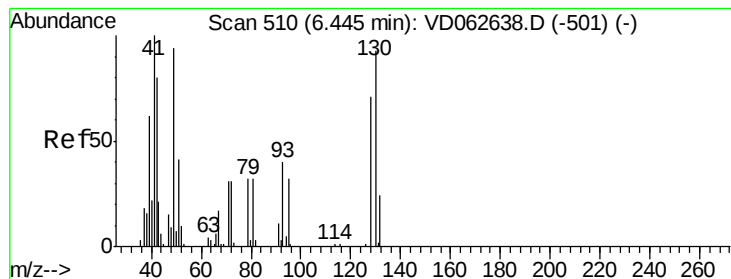
Tot Ion: 83 Resp: 540146  
Ion Ratio Lower Upper  
83 100  
55 96.4 84.6 127.0  
98 46.7 38.2 57.4



#40  
Benzene  
Concen: 51.601 ug/l  
RT: 7.47 min Scan# 613  
Delta R.T. 0.02 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Tgt Ion: 78 Resp: 1188948  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.6 28.0





#41

Methacrylonitrile

Concen: 52.610 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 324933

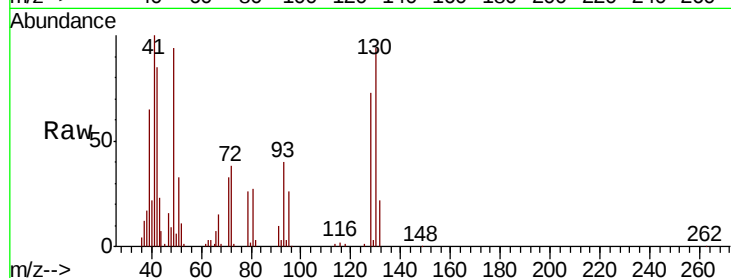
Ion Ratio Lower Upper

41 100

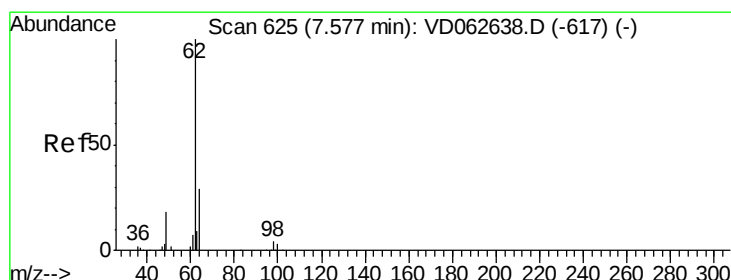
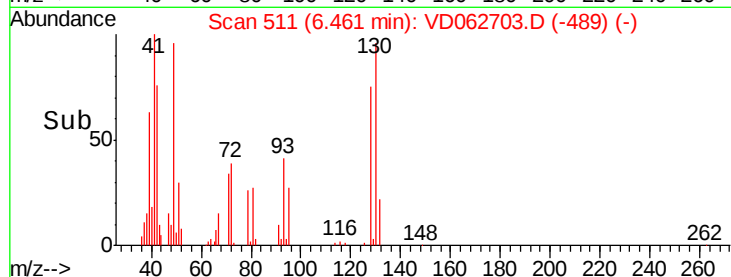
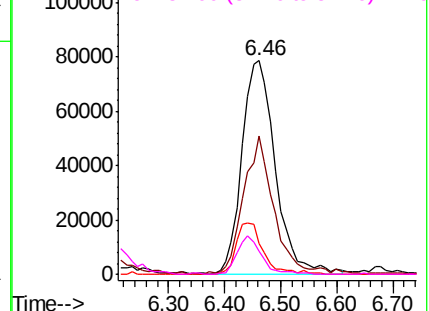
39 65.0 49.2 73.8

67 14.6 13.9 20.9

52 11.1 7.6 11.4



Abundance Ion 40.95 (40.65 to 41.65): VDC  
 120000 Ion 38.95 (38.65 to 39.65): VDC  
 100000 Ion 67.00 (66.70 to 67.70): VDC  
 80000 Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 51.333 ug/l

RT: 7.58 min Scan# 625

Delta R.T. 0.01 min

Lab File: VD062703.D

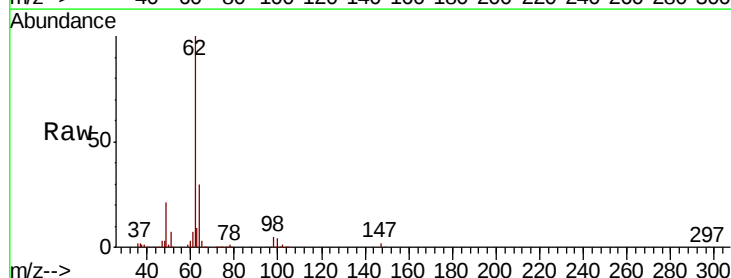
Acq: 14 Jun 2019 11:23

Tgt Ion: 62 Resp: 704986

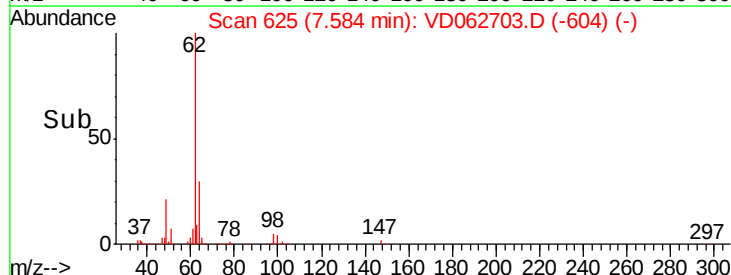
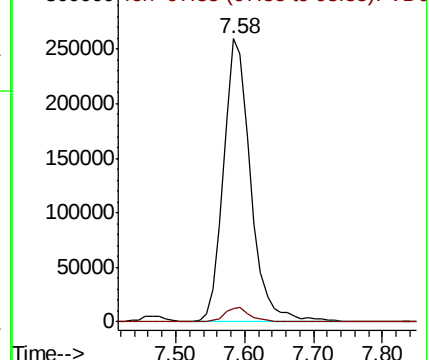
Ion Ratio Lower Upper

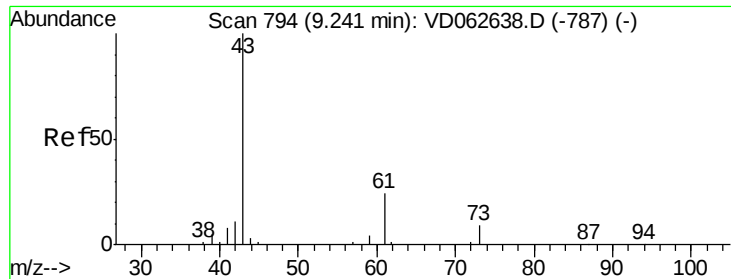
62 100

98 4.8 0.0 7.4



Abundance Ion 61.95 (61.65 to 62.65): VDC  
 300000 Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 53.088 ug/l

RT: 9.25 min Scan# 794

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

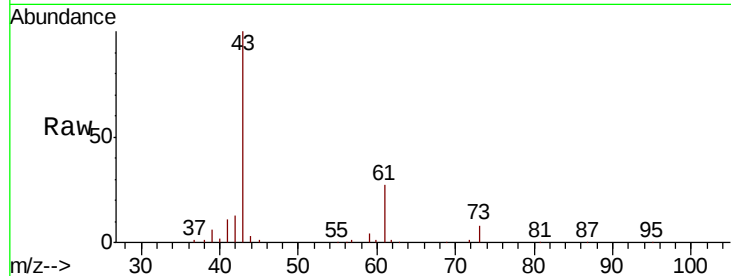
Tot Ion: 43 Resp: 330493

Ion Ratio Lower Upper

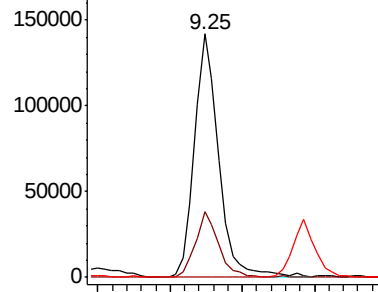
43 100

61 27.0 19.0 28.6

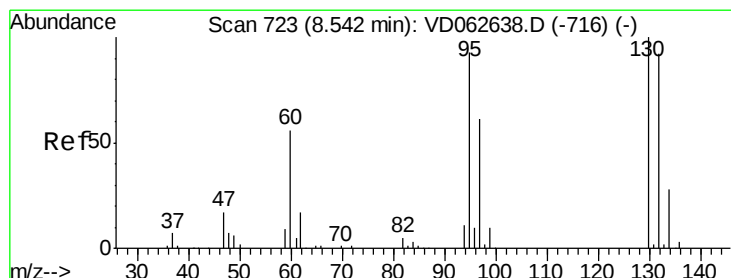
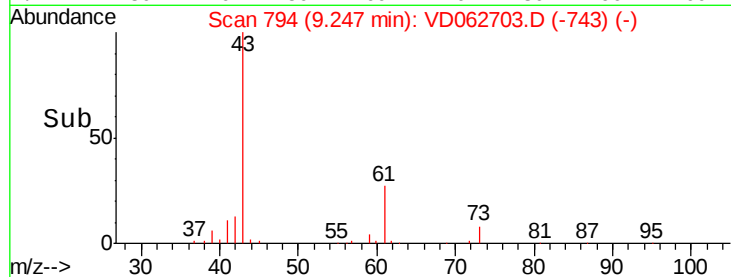
87 0.3 0.3 0.5



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



Time-->



#44

Trichloroethene

Concen: 49.576 ug/l

RT: 8.55 min Scan# 723

Delta R.T. 0.01 min

Lab File: VD062703.D

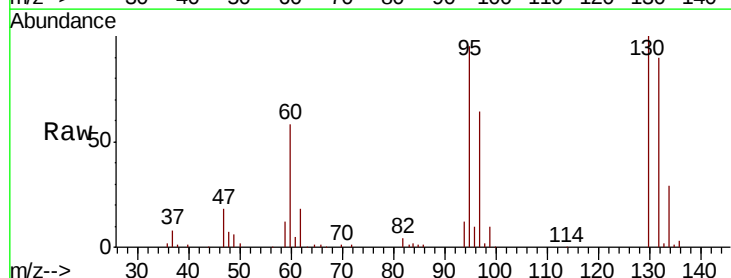
Acq: 14 Jun 2019 11:23

Tgt Ion:130 Resp: 463743

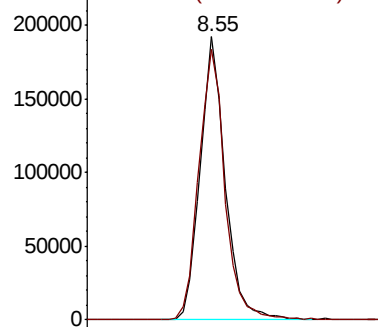
Ion Ratio Lower Upper

130 100

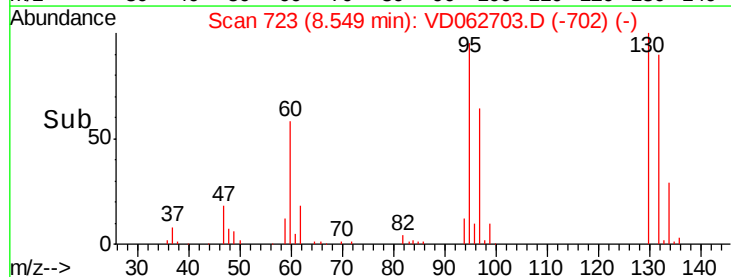
95 95.4 0.0 185.6



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



Time-->





#45

1,2-Dichloropropane

Concen: 54.887 ug/l

RT: 8.95 min Scan# 764

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

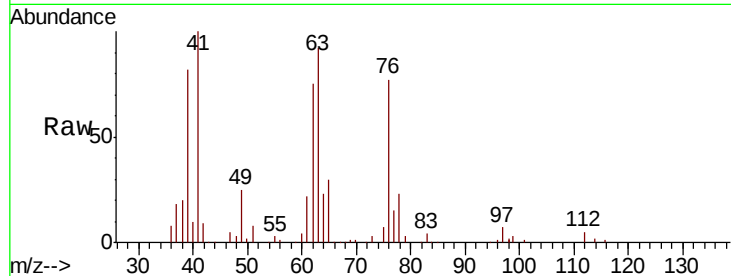
VSTDCCC050

Tot Ion: 63 Resp: 303770

Ion Ratio Lower Upper

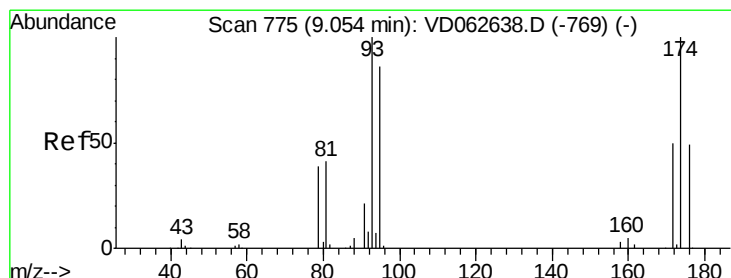
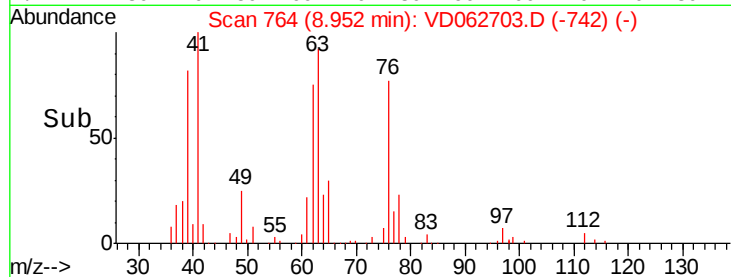
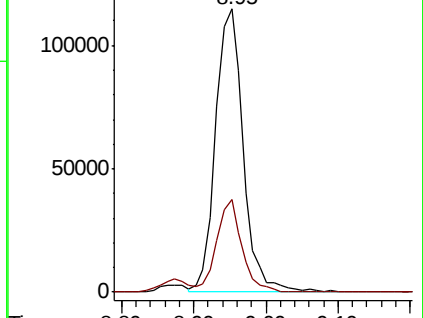
63 100

65 32.8 24.6 37.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 52.581 ug/l

RT: 9.07 min Scan# 776

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

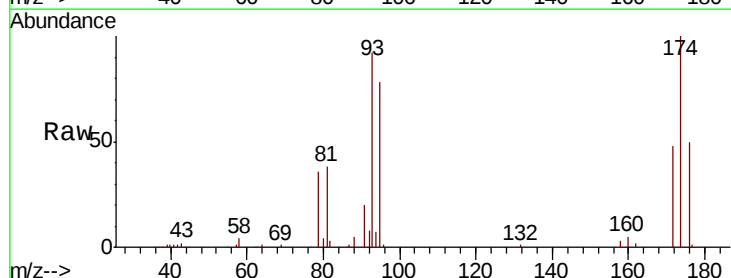
Tgt Ion: 93 Resp: 258313

Ion Ratio Lower Upper

93 100

95 85.3 68.7 103.1

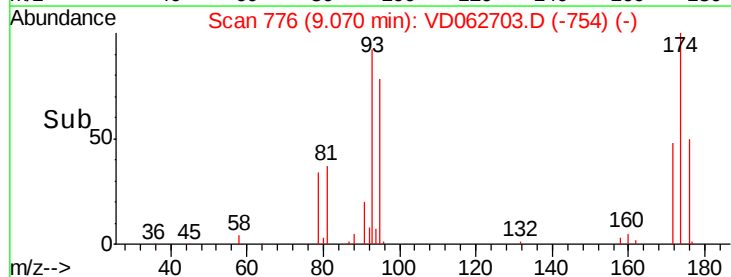
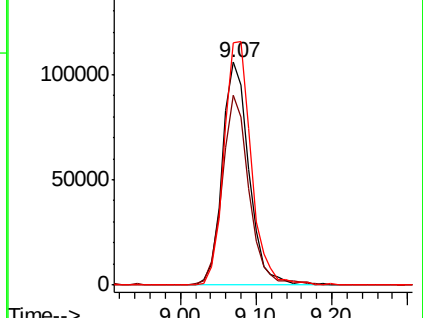
174 108.7 79.8 119.8

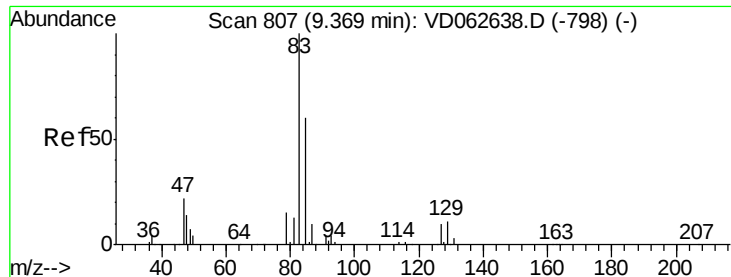


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 52.916 ug/l

RT: 9.39 min Scan# 808

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

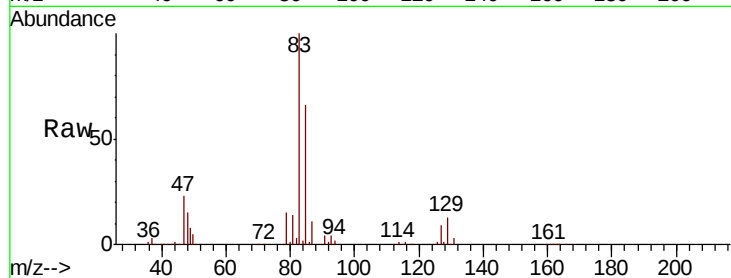
Tot Ion: 83 Resp: 707163

Ion Ratio Lower Upper

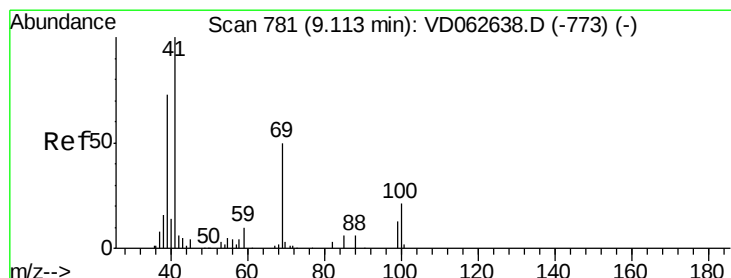
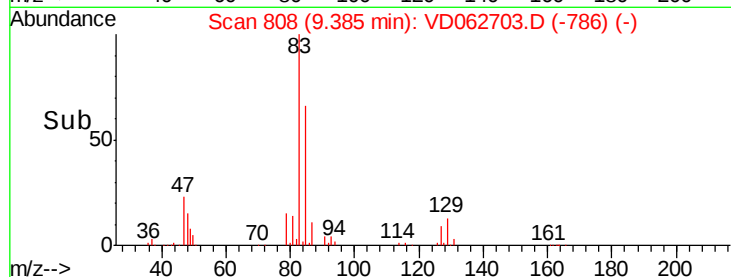
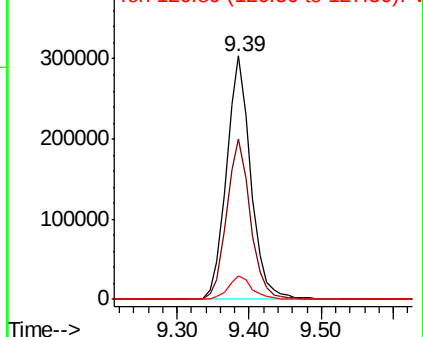
83 100

85 65.6 47.9 71.9

127 9.5 8.2 12.4



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



#48

Methyl methacrylate

Concen: 51.154 ug/l

RT: 9.13 min Scan# 782

Delta R.T. 0.02 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

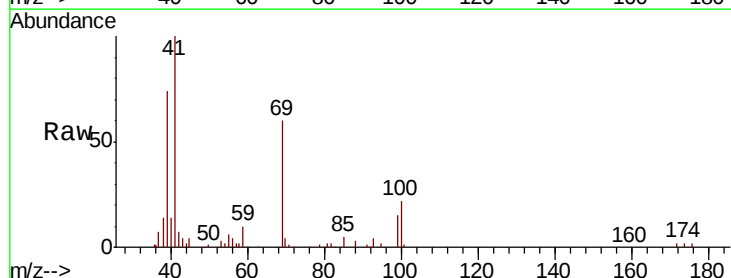
Tgt Ion: 41 Resp: 230065

Ion Ratio Lower Upper

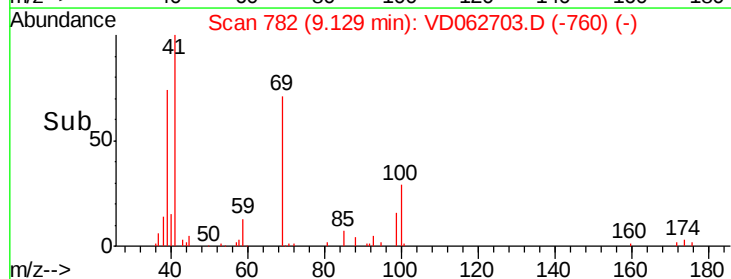
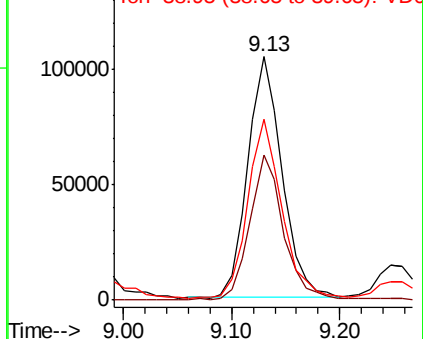
41 100

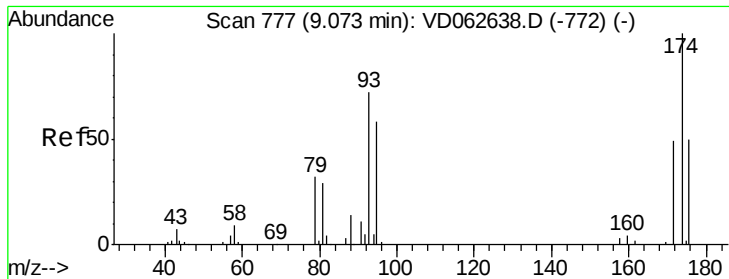
69 59.6 39.8 59.6

39 74.4 59.1 88.7



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

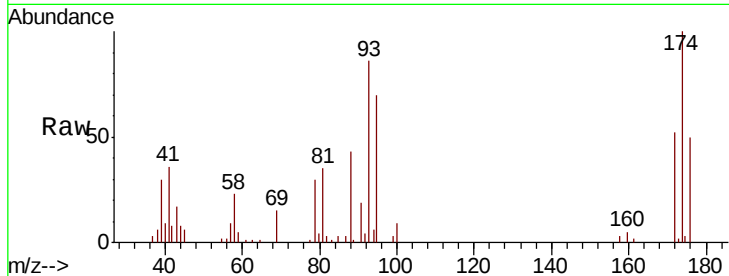




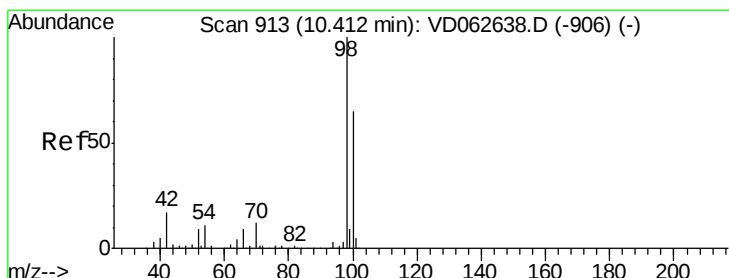
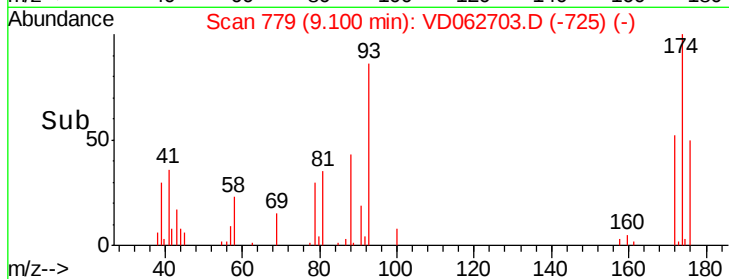
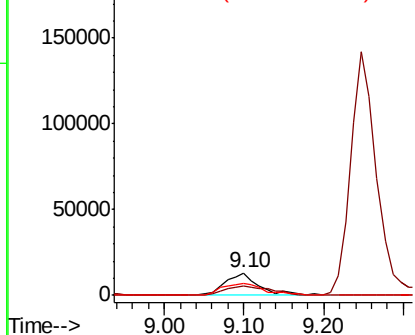
#49  
 1,4-Dioxane  
 Concen: 976.758 ug/l  
 RT: 9.10 min Scan# 779  
 Delta R.T. 0.03 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 88 Resp: 39237  
 Ion Ratio Lower Upper  
 88 100  
 43 39.5 40.7 61.1#  
 58 52.3 54.2 81.4#

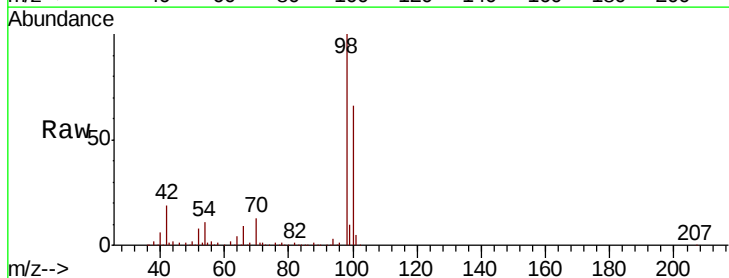


Abundance Ion 88.00 (87.70 to 88.70): VDC  
 Ion 43.05 (42.75 to 43.75): VDC  
 Ion 57.95 (57.65 to 58.65): VDC

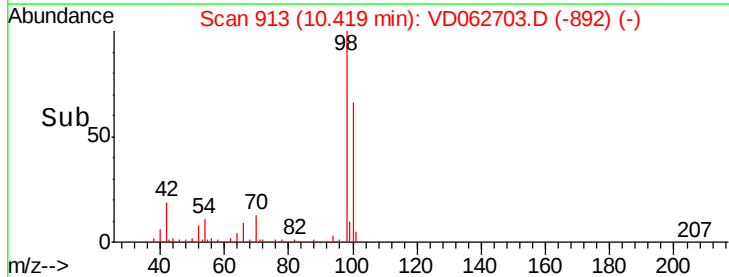
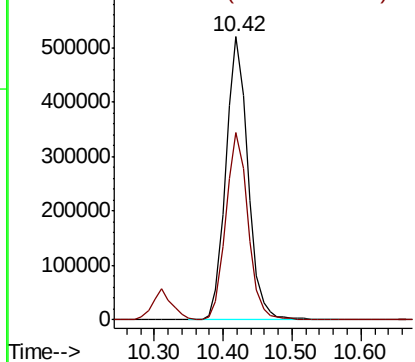


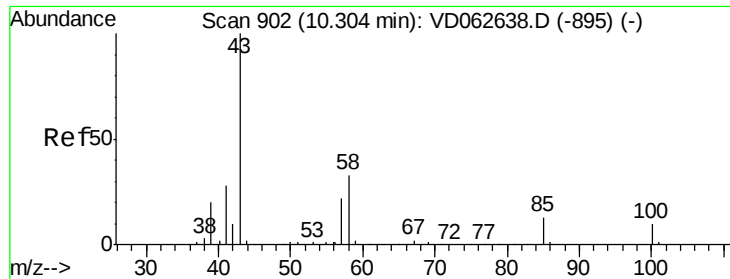
#50  
 Toluene-d8  
 Concen: 50.566 ug/l  
 RT: 10.42 min Scan# 913  
 Delta R.T. 0.01 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

Tgt Ion: 98 Resp: 1156494  
 Ion Ratio Lower Upper  
 98 100  
 100 66.0 52.1 78.1



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: 257.839 ug/l

RT: 10.31 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

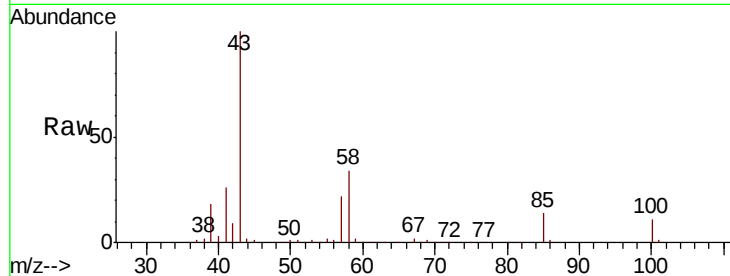
VSTDCCC050

Tot Ion: 43 Resp: 1123158

Ion Ratio Lower Upper

43 100

58 33.6 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.31

500000

400000

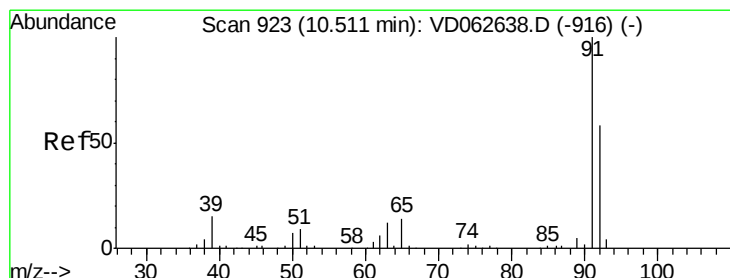
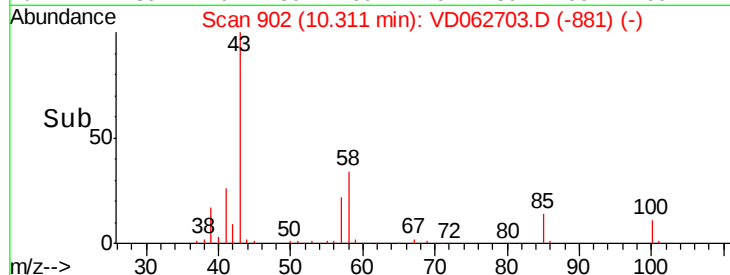
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.592 ug/l

RT: 10.52 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD062703.D

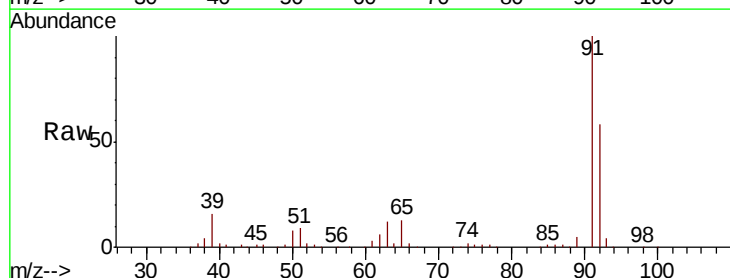
Acq: 14 Jun 2019 11:23

Tgt Ion: 92 Resp: 830027

Ion Ratio Lower Upper

92 100

91 172.1 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.52

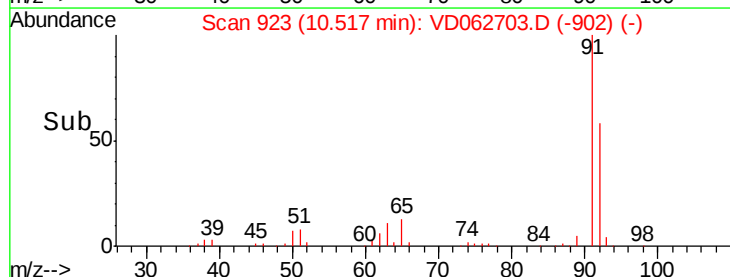
600000

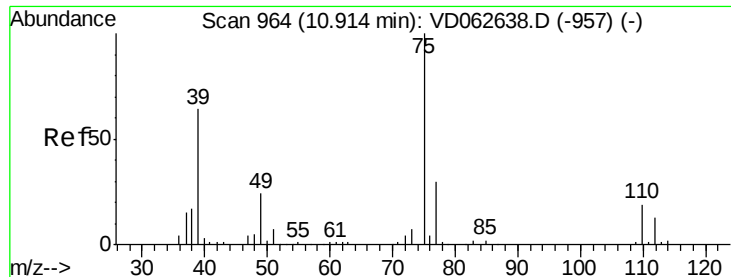
400000

200000

0

Time-->

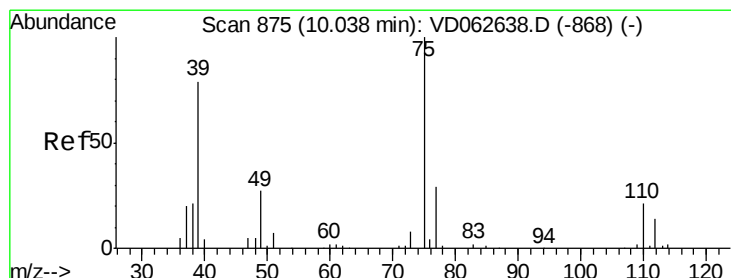
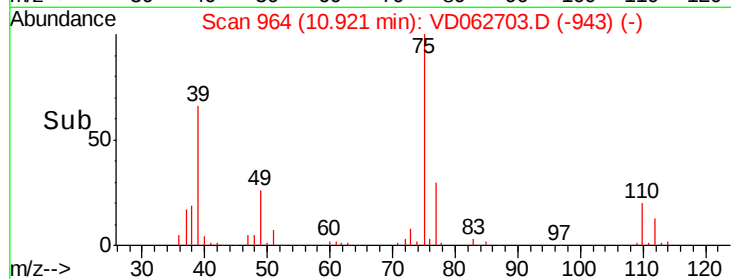
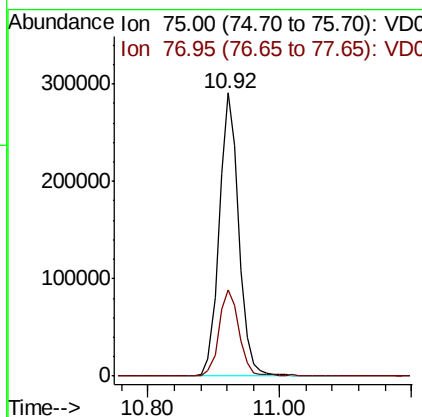
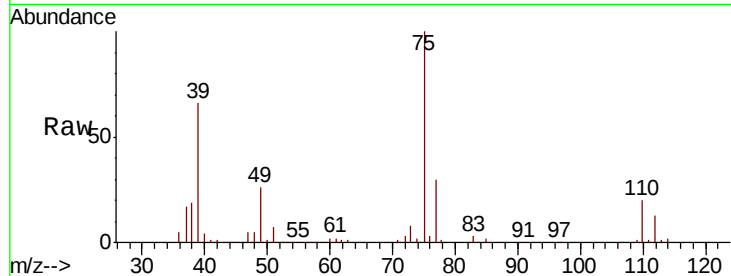




#53  
 t-1,3-Dichloropropene  
 Concen: 54.780 ug/l  
 RT: 10.92 min Scan# 964  
 Delta R.T. 0.01 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

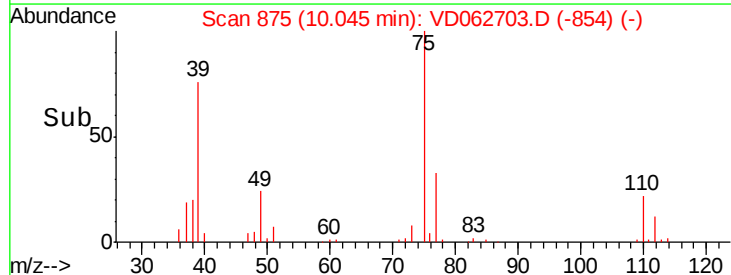
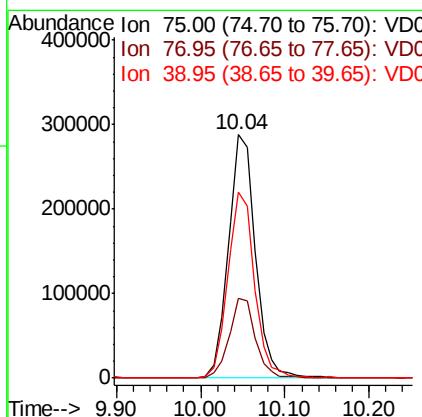
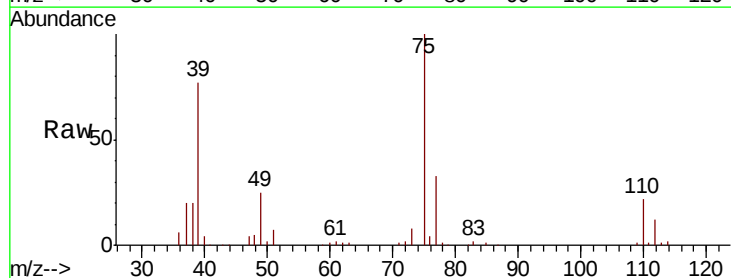
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

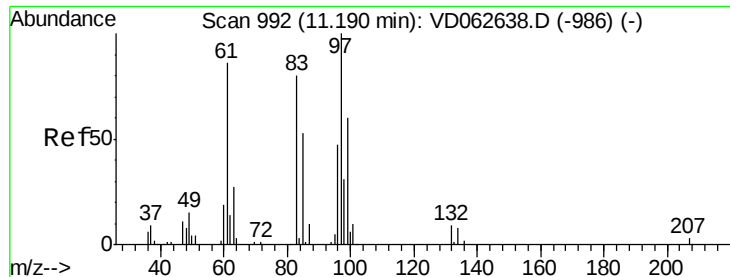
Tot Ion: 75 Resp: 600214  
 Ion Ratio Lower Upper  
 75 100  
 77 30.3 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 56.747 ug/l  
 RT: 10.04 min Scan# 875  
 Delta R.T. 0.01 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

Tgt Ion: 75 Resp: 642623  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 23.1 34.7  
 39 76.6 63.4 95.2

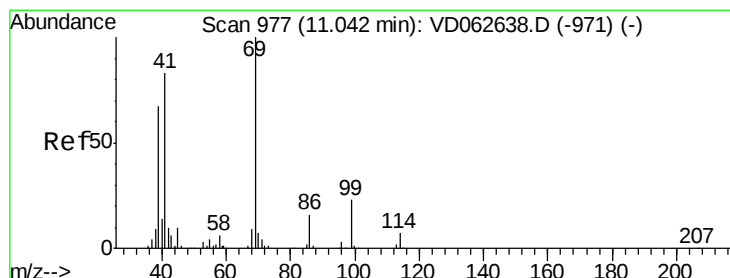
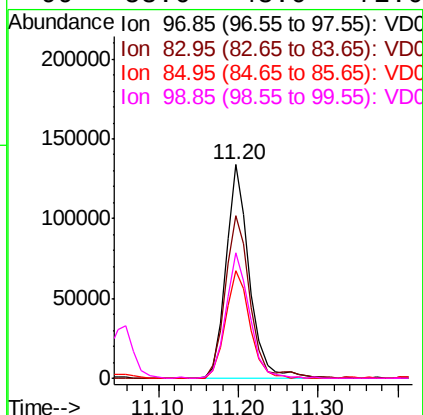
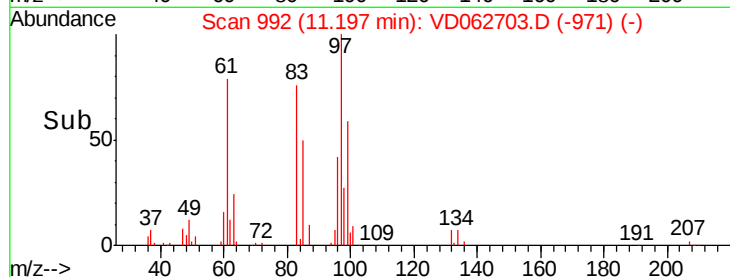
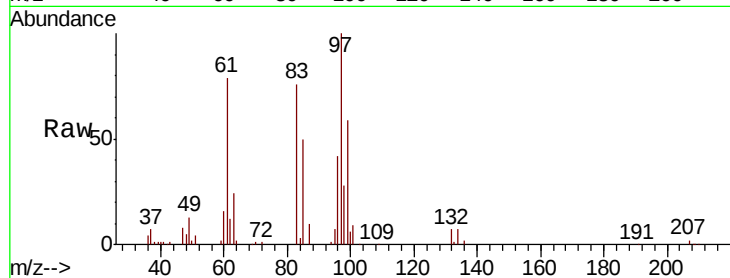




#55  
1,1,2-Trichloroethane  
Concen: 51.951 ug/l  
RT: 11.20 min Scan# 992  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

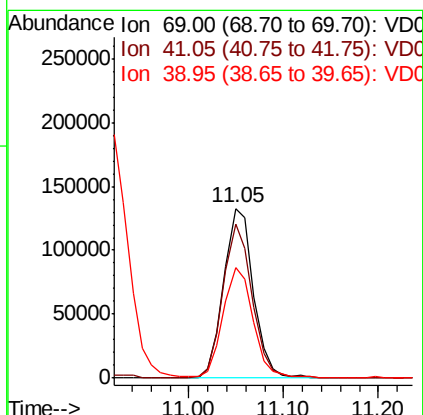
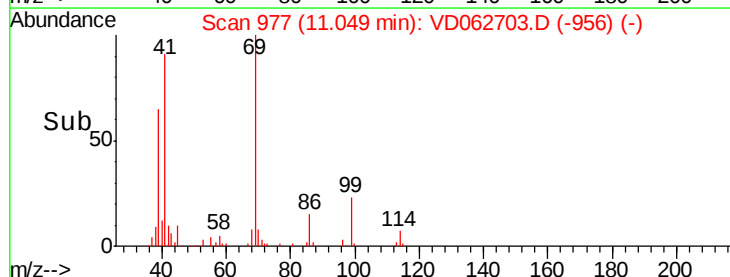
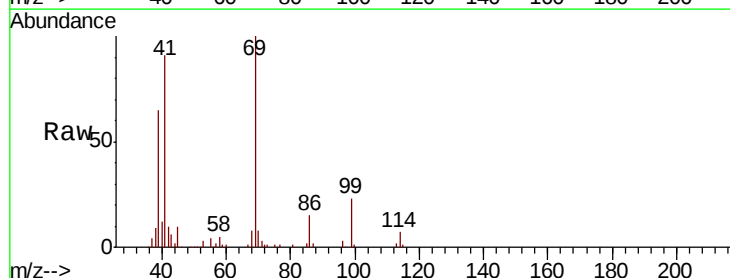
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

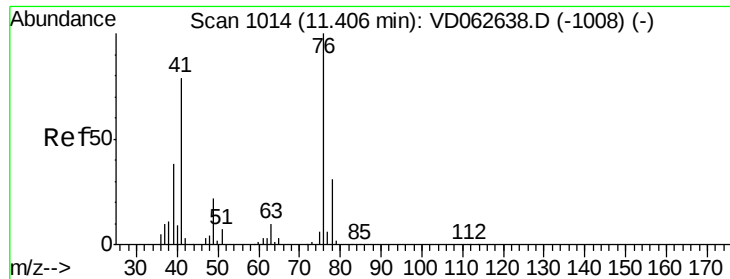
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 275935 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 76.4  | 63.8  | 95.8   |
| 85       | 50.4  | 42.3  | 63.5   |
| 99       | 58.6  | 48.0  | 72.0   |



#56  
Ethyl methacrylate  
Concen: 45.604 ug/l  
RT: 11.05 min Scan# 977  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 289445 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 90.8  | 66.2  | 99.4   |
| 39       | 65.2  | 53.8  | 80.8   |





#57

1,3-Dichloropropane

Concen: 52.068 ug/l

RT: 11.41 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

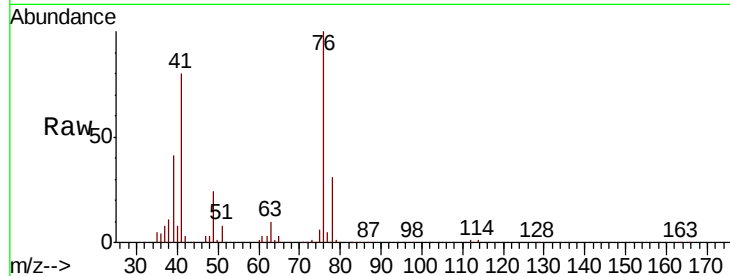
VSTDCCC050

Tot Ion: 76 Resp: 428641

Ion Ratio Lower Upper

76 100

78 31.4 24.9 37.3



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

11.41

200000

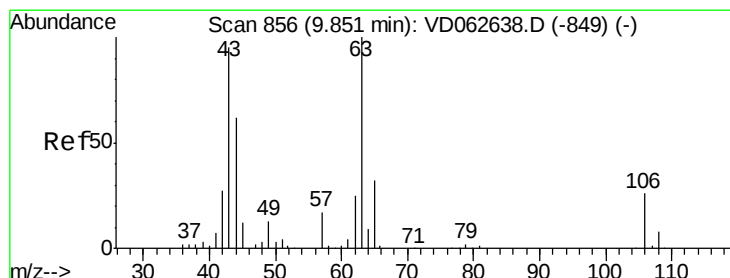
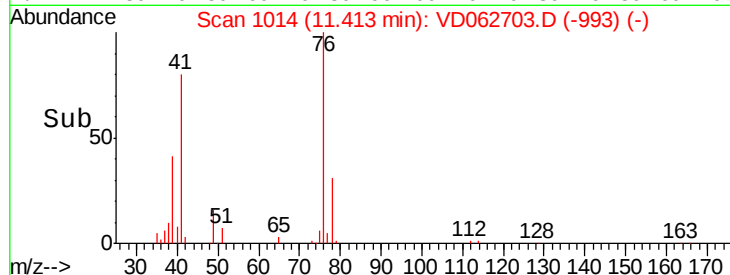
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 235.994 ug/l

RT: 9.87 min Scan# 857

Delta R.T. 0.02 min

Lab File: VD062703.D

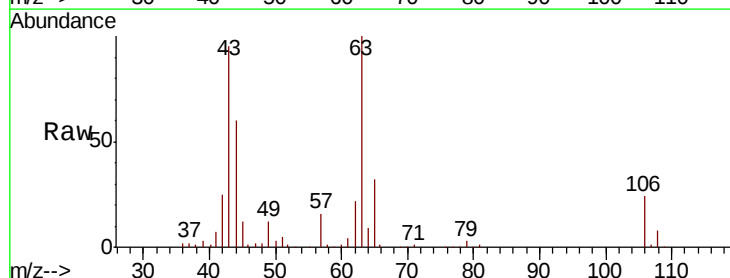
Acq: 14 Jun 2019 11:23

Tgt Ion: 63 Resp: 669952

Ion Ratio Lower Upper

63 100

106 24.0 20.5 30.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

9.87

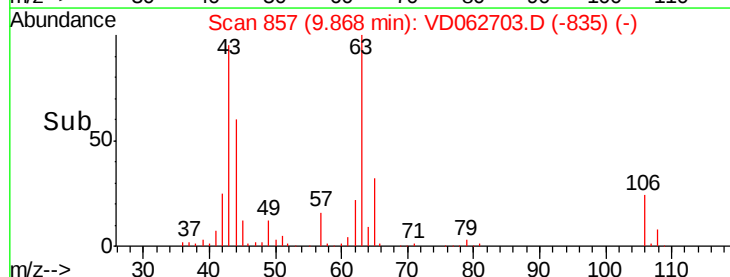
300000

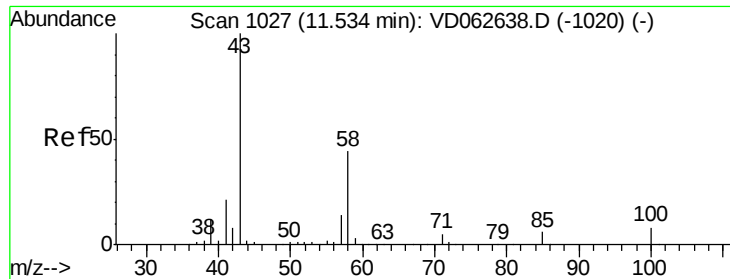
200000

100000

0

Time-->

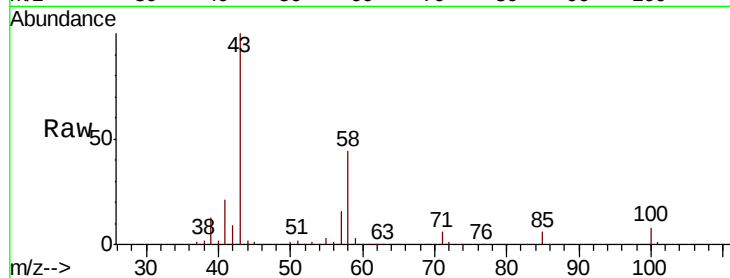




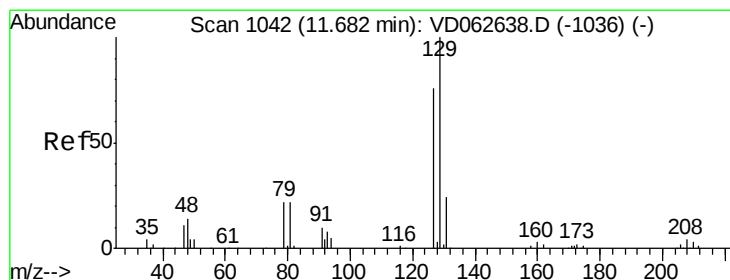
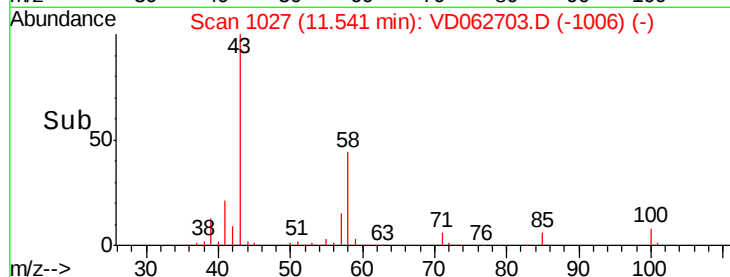
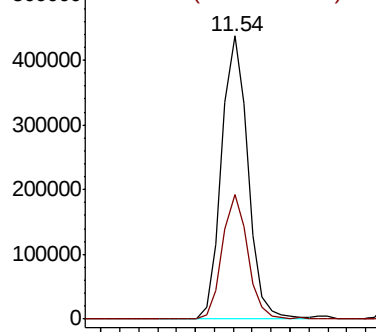
#59  
2-Hexanone  
Concen: 262.102 ug/l  
RT: 11.54 min Scan# 1027  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 849285  
Ion Ratio Lower Upper  
43 100  
58 44.0 21.8 65.4

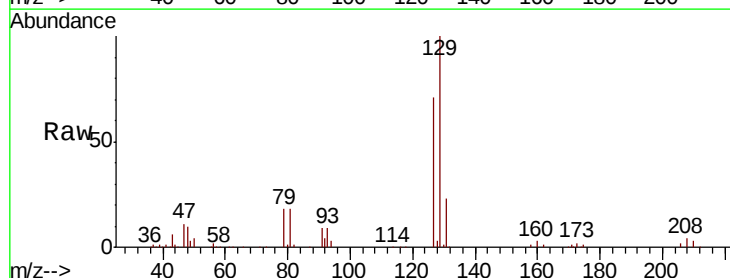


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

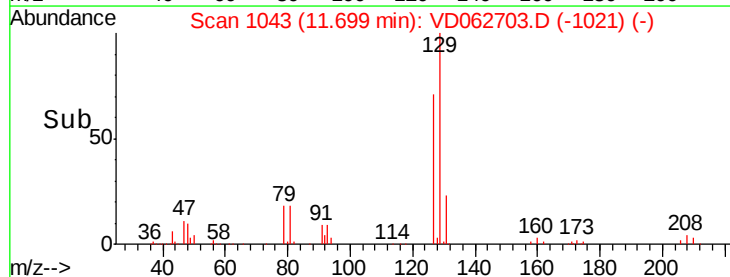
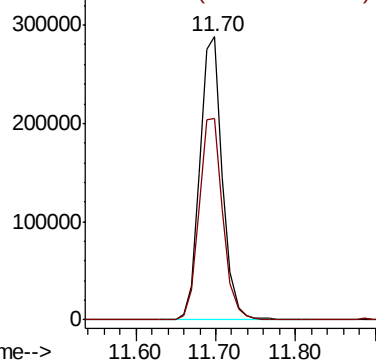


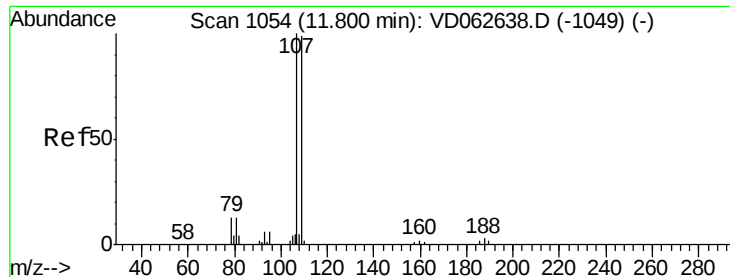
#60  
Dibromochloromethane  
Concen: 54.857 ug/l  
RT: 11.70 min Scan# 1043  
Delta R.T. 0.02 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Tgt Ion: 129 Resp: 575170  
Ion Ratio Lower Upper  
129 100  
127 71.2 38.0 114.1



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

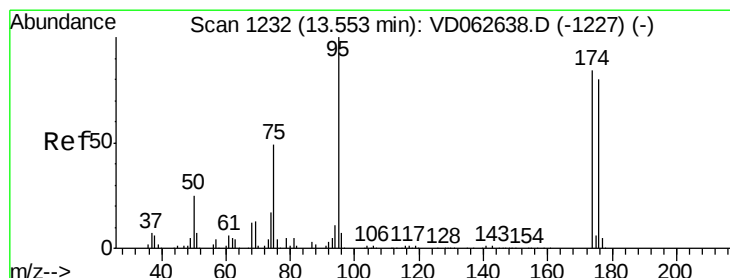
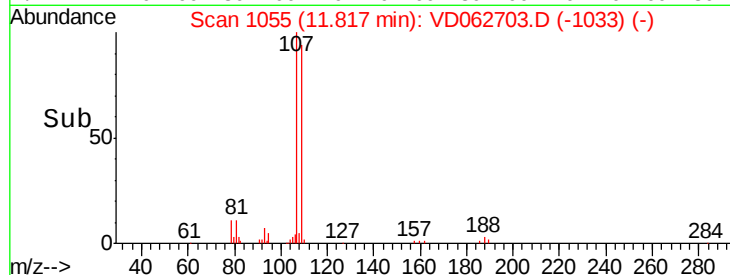
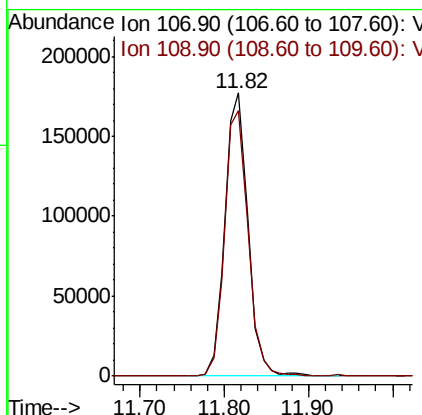
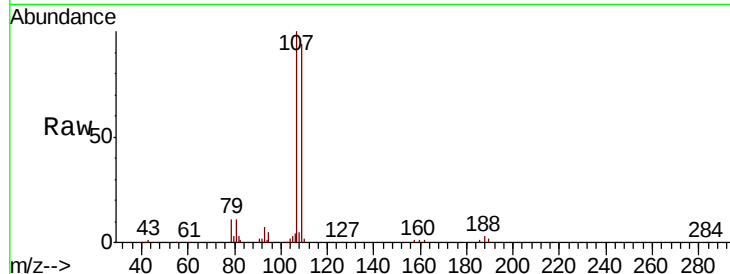




#61  
 1,2-Dibromoethane  
 Concen: 52.759 ug/l  
 RT: 11.82 min Scan# 1055  
 Delta R.T. 0.02 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

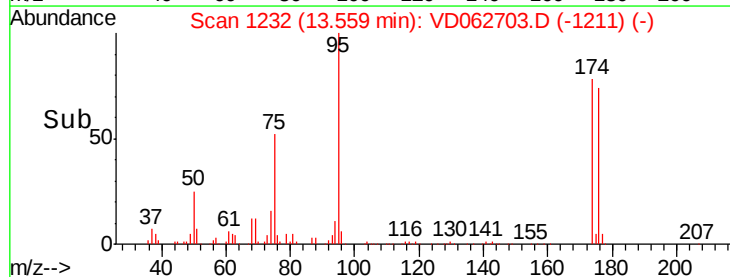
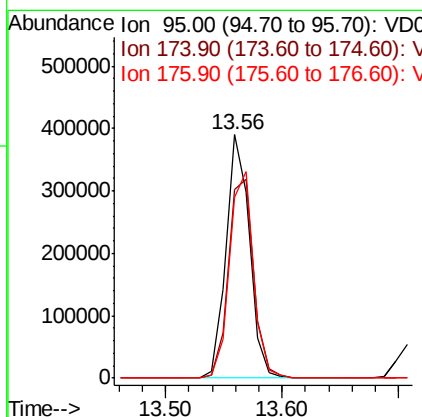
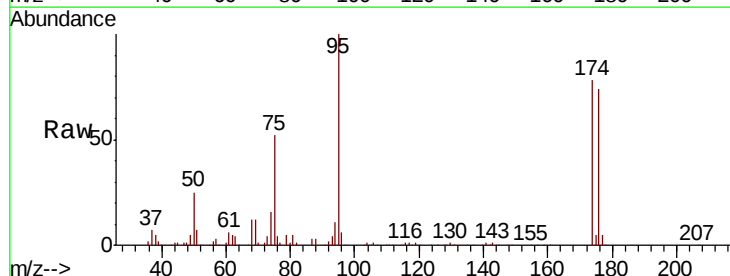
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

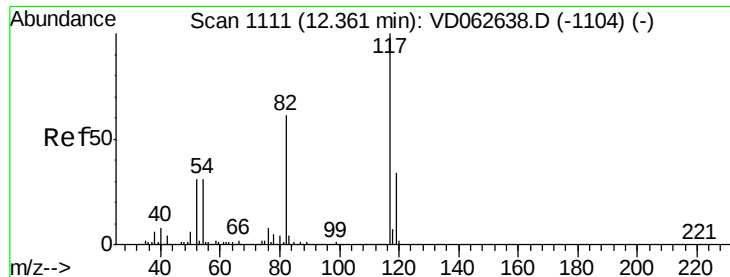
Tot Ion:107 Resp: 335389  
 Ion Ratio Lower Upper  
 107 100  
 109 93.6 79.2 118.8



#62  
 4-Bromofluorobenzene  
 Concen: 50.927 ug/l  
 RT: 13.56 min Scan# 1232  
 Delta R.T. 0.01 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

Tgt Ion: 95 Resp: 543395  
 Ion Ratio Lower Upper  
 95 100  
 174 77.6 0.0 167.0  
 176 74.3 0.0 159.2

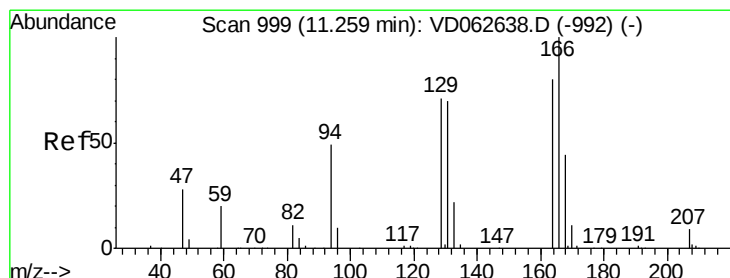
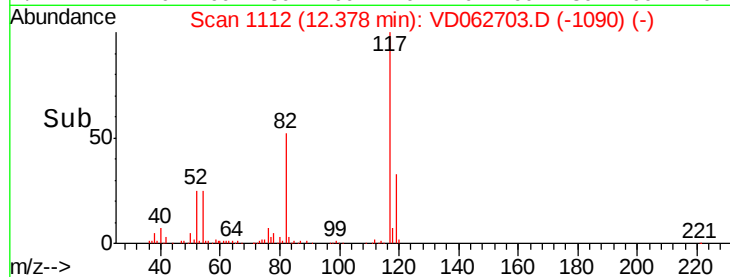
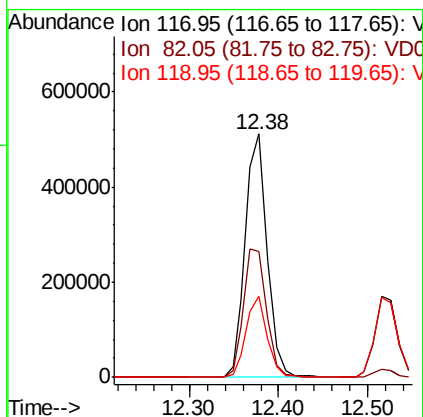
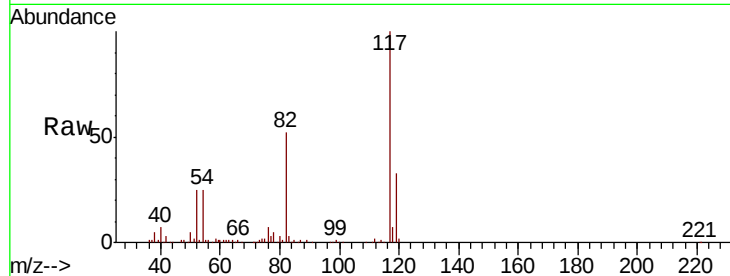




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.38 min Scan# 1112  
Delta R.T. 0.02 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

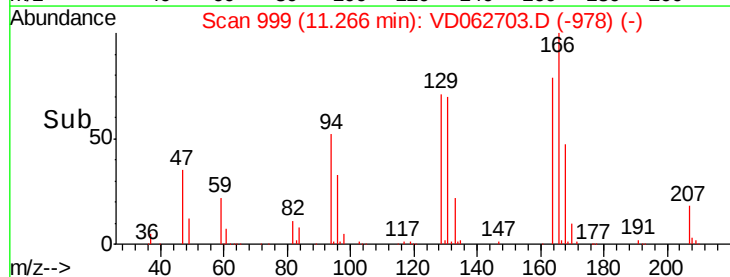
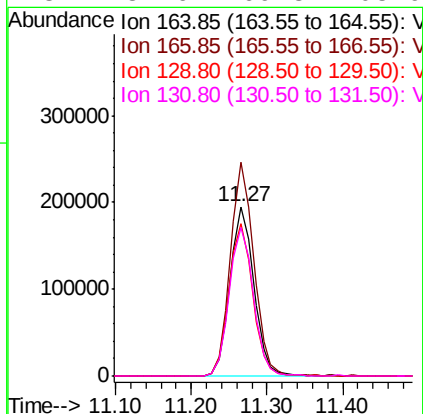
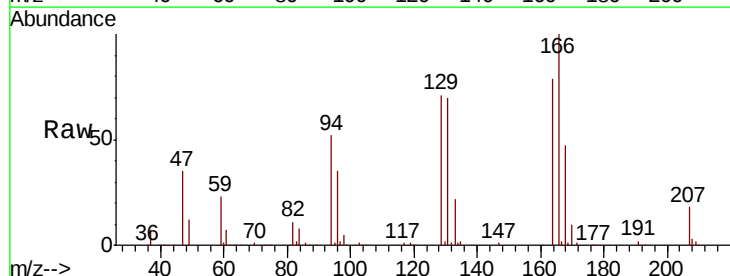
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

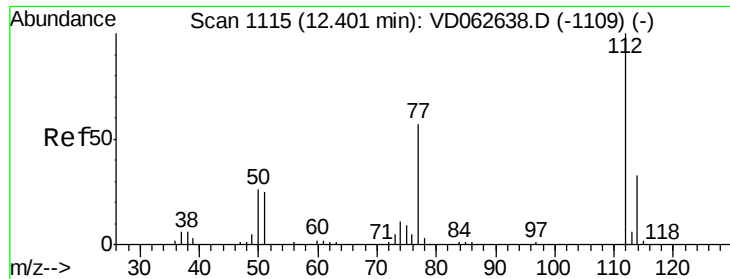
Tot Ion:117 Resp: 872165  
Ion Ratio Lower Upper  
117 100  
82 51.7 48.7 73.1  
119 33.3 27.0 40.6



#64  
Tetrachloroethene  
Concen: 51.880 ug/l  
RT: 11.27 min Scan# 999  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Tgt Ion:164 Resp: 423570  
Ion Ratio Lower Upper  
164 100  
166 126.0 99.4 149.2  
129 89.6 70.2 105.4  
131 87.6 69.3 103.9

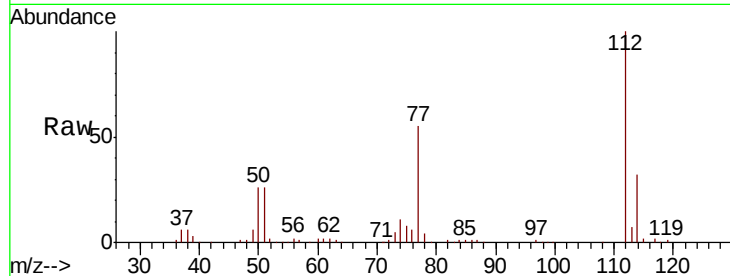




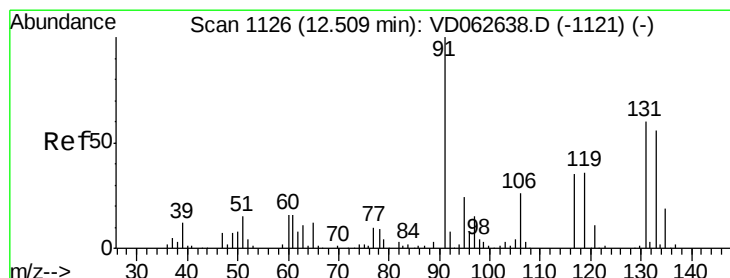
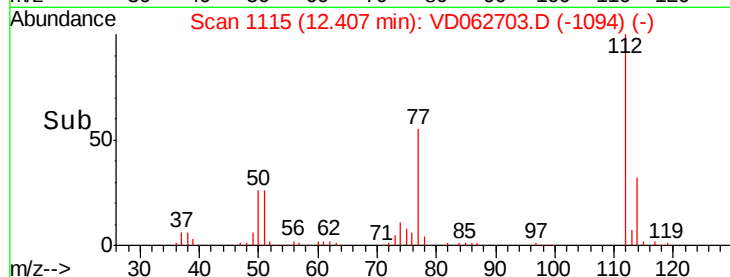
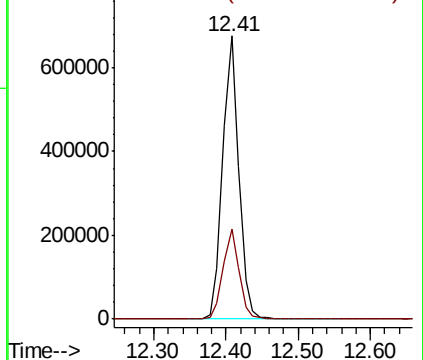
#65  
Chlorobenzene  
Concen: 53.982 ug/l  
RT: 12.41 min Scan# 1115  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 1041410  
Ion Ratio Lower Upper  
112 100  
114 32.0 26.3 39.5

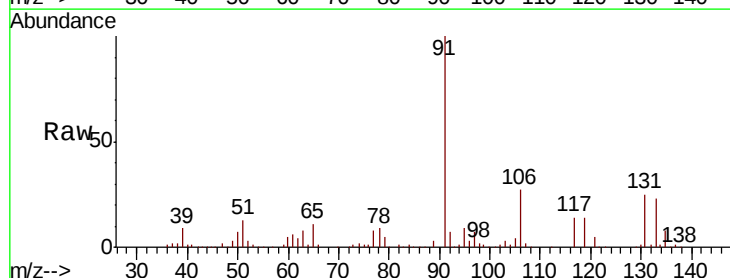


Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 114.00 (113.70 to 114.70): V

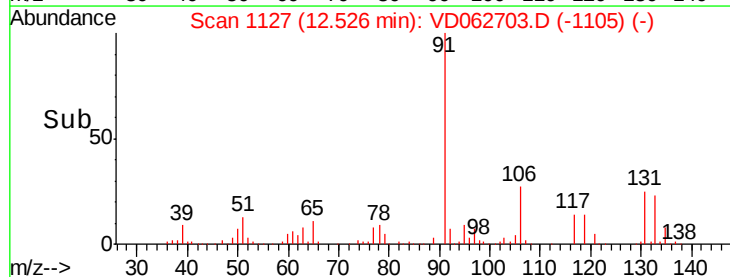
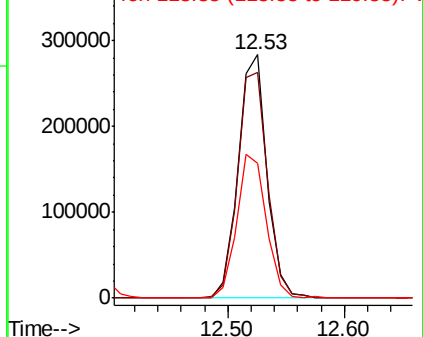


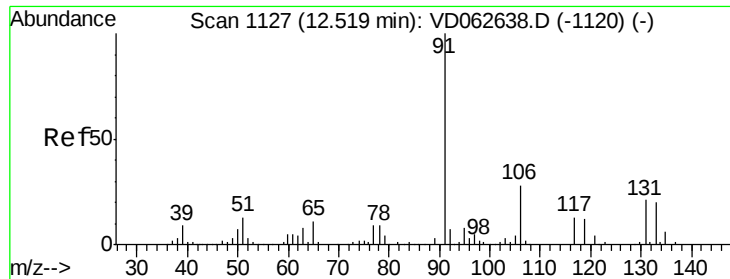
#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.540 ug/l  
RT: 12.53 min Scan# 1127  
Delta R.T. 0.02 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Tgt Ion:131 Resp: 483415  
Ion Ratio Lower Upper  
131 100  
133 92.8 46.8 140.3  
119 55.5 29.9 89.8



Abundance Ion 130.90 (130.60 to 131.60): V  
Ion 132.90 (132.60 to 133.60): V  
Ion 118.85 (118.55 to 119.55): V

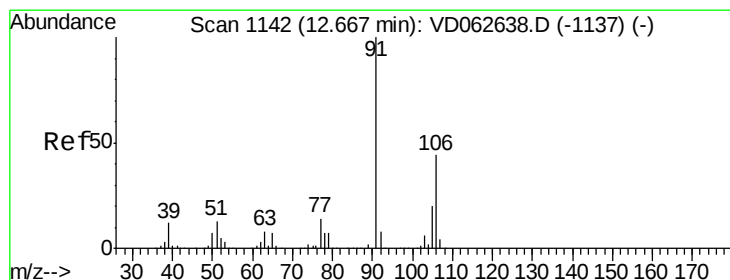
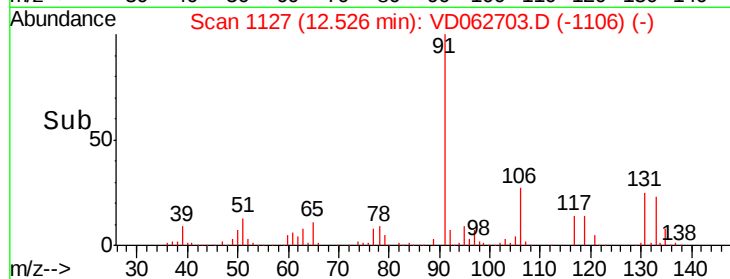
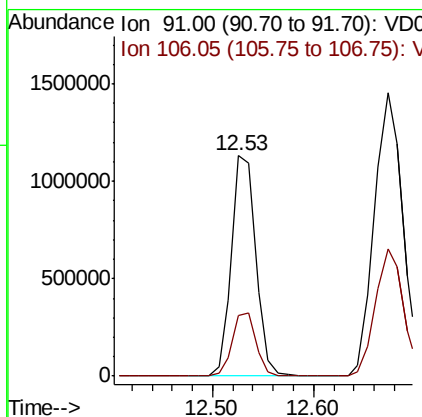
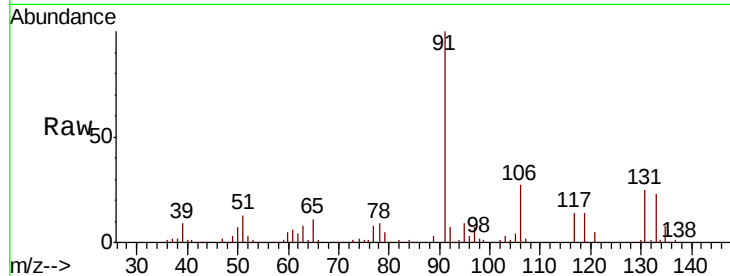




#67  
Ethyl Benzene  
Concen: 55.624 ug/l  
RT: 12.53 min Scan# 1127  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

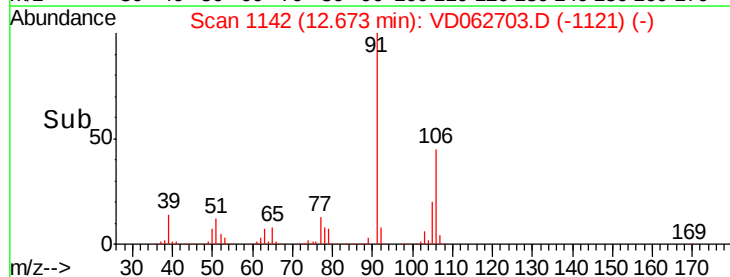
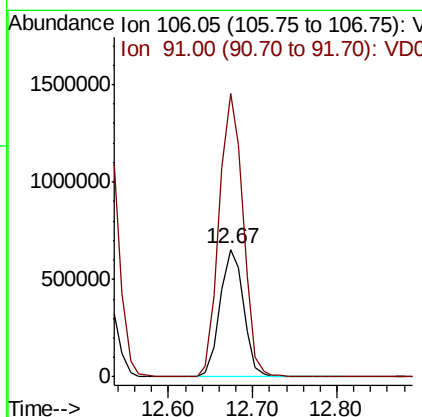
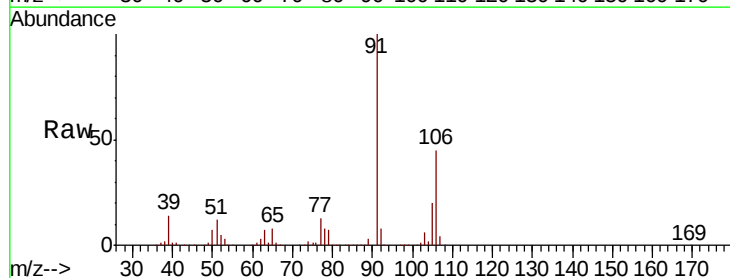
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

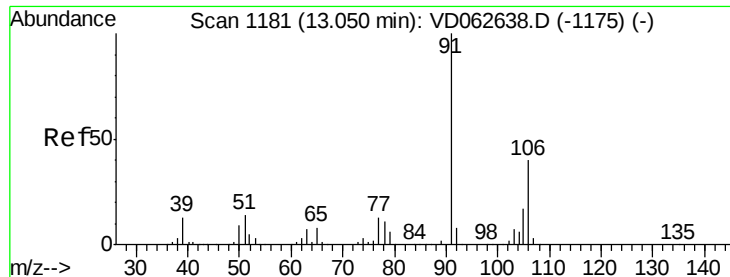
Tot Ion: 91 Resp: 1902618  
Ion Ratio Lower Upper  
91 100  
106 27.4 22.1 33.1



#68  
m/p-Xylenes  
Concen: 105.856 ug/l  
RT: 12.67 min Scan# 1142  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Tgt Ion: 106 Resp: 1272914  
Ion Ratio Lower Upper  
106 100  
91 222.1 180.2 270.4

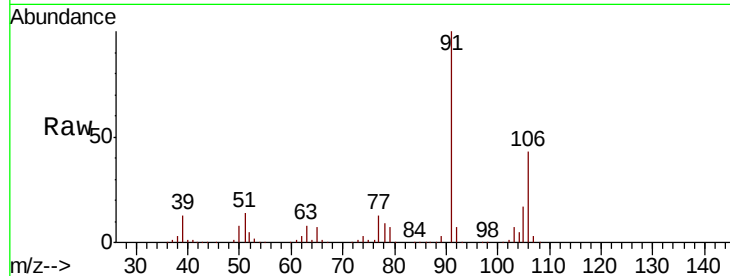




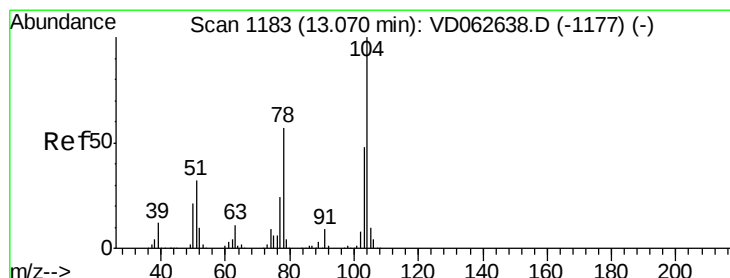
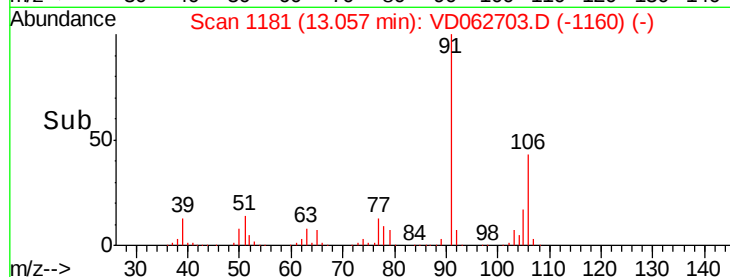
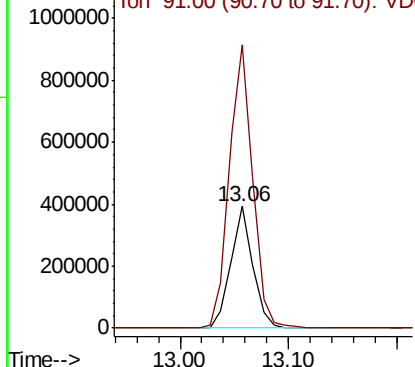
#69  
o-Xylene  
Concen: 50.934 ug/l  
RT: 13.06 min Scan# 1181  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:106 Resp: 562500  
Ion Ratio Lower Upper  
106 100  
91 232.3 124.1 372.1

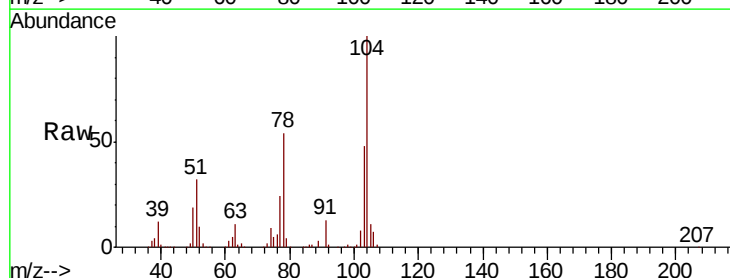


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

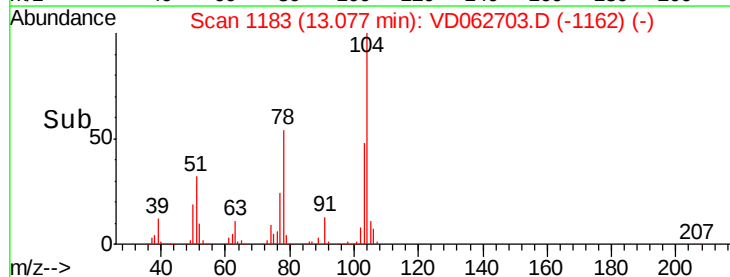
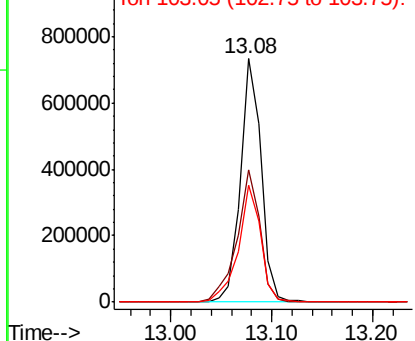


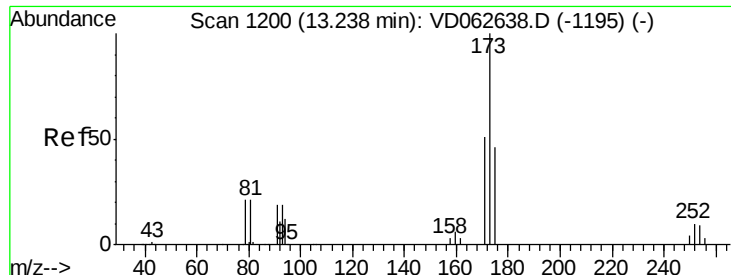
#70  
Styrene  
Concen: 53.008 ug/l  
RT: 13.08 min Scan# 1183  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Tgt Ion:104 Resp: 1044531  
Ion Ratio Lower Upper  
104 100  
78 54.1 45.9 68.9  
103 48.1 38.4 57.6



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

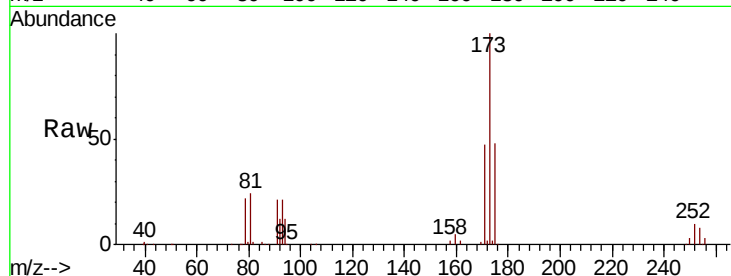




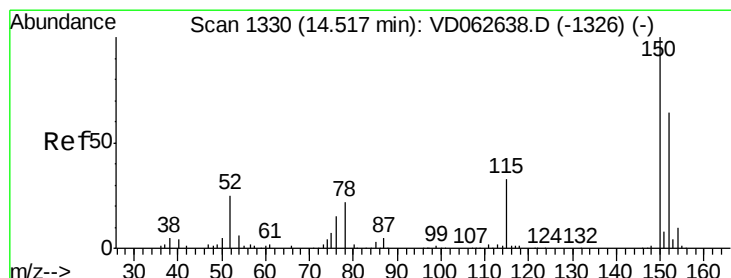
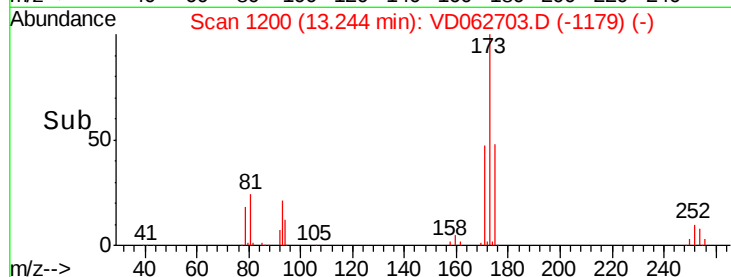
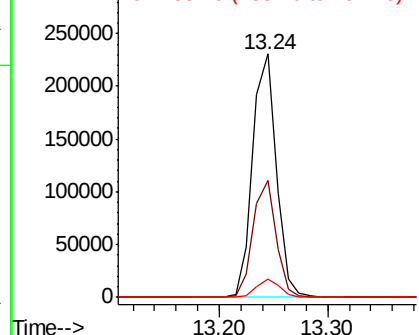
#71  
Bromoform  
Concen: 49.953 ug/l  
RT: 13.24 min Scan# 1200  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:173 Resp: 352567  
Ion Ratio Lower Upper  
173 100  
175 48.0 22.9 68.7  
254 7.7 7.0 10.4

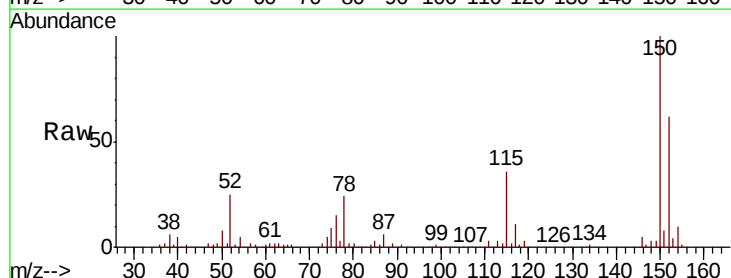


Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V

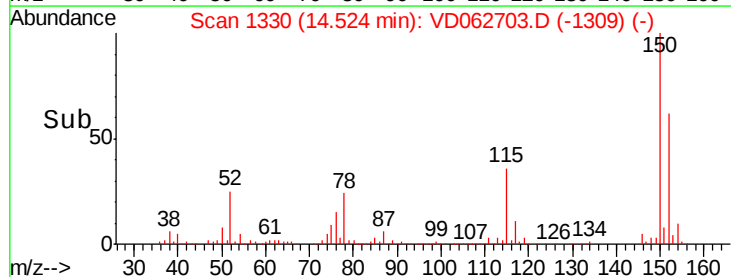
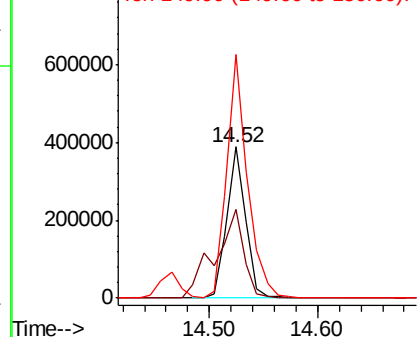


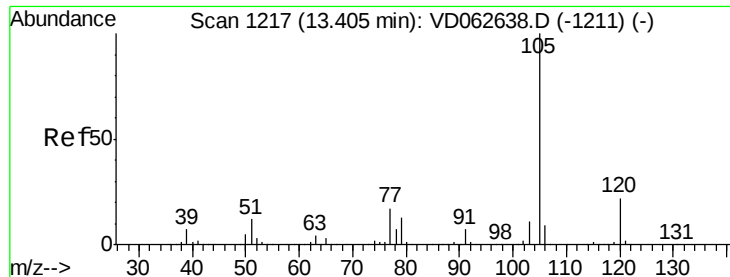
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.52 min Scan# 1330  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Tgt Ion:152 Resp: 468151  
Ion Ratio Lower Upper  
152 100  
115 58.5 30.1 90.5  
150 160.9 0.0 314.0



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.356 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

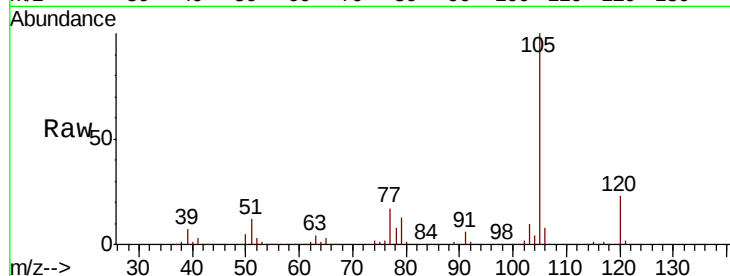
VSTDCCC050

Tot Ion:105 Resp: 1859616

Ion Ratio Lower Upper

105 100

120 22.6 10.9 32.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

1500000

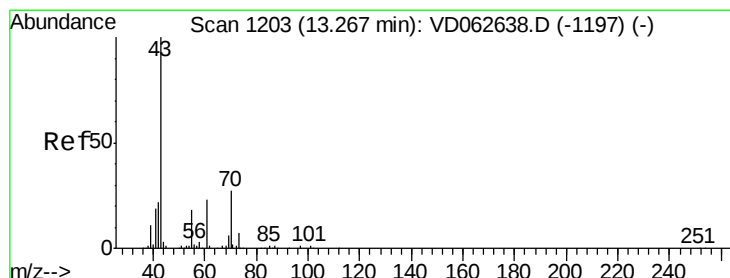
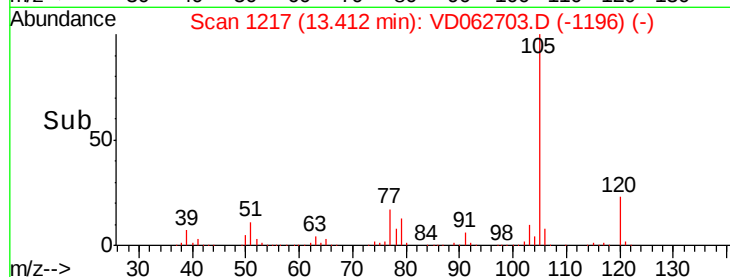
1000000

500000

0

13.30 13.40 13.50

Time-->



#74

N-ethyl acetate

Concen: 56.021 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Tgt Ion: 43 Resp: 499586

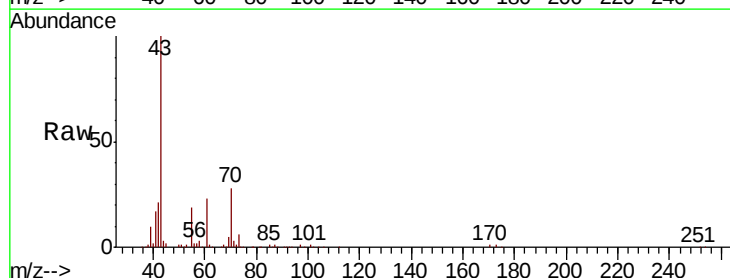
Ion Ratio Lower Upper

43 100

70 27.7 21.8 32.8

55 18.8 14.6 21.8

61 23.1 18.4 27.6



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

600000

500000

400000

300000

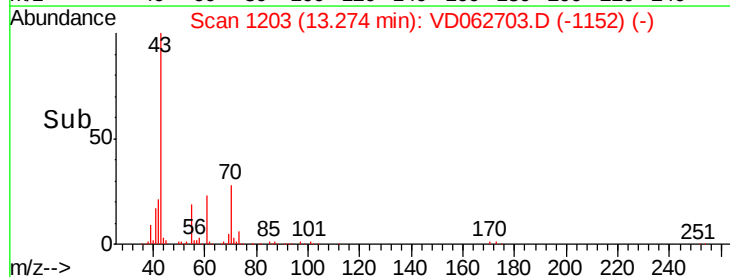
200000

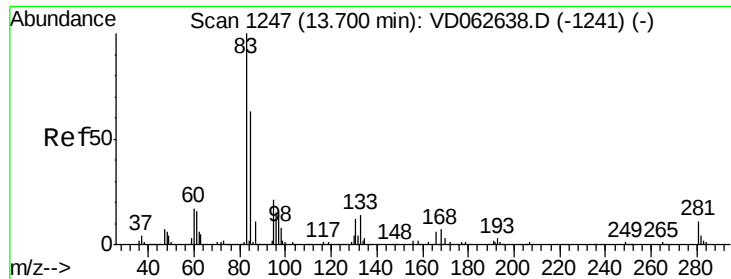
100000

0

13.20 13.30 13.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 57.704 ug/l

RT: 13.71 min Scan# 1247

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

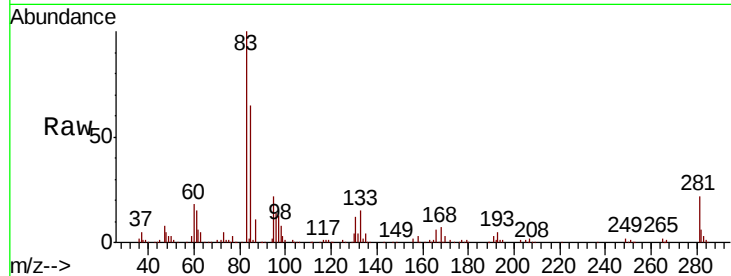
Tot Ion: 83 Resp: 325804

Ion Ratio Lower Upper

83 100

131 12.3 5.9 17.7

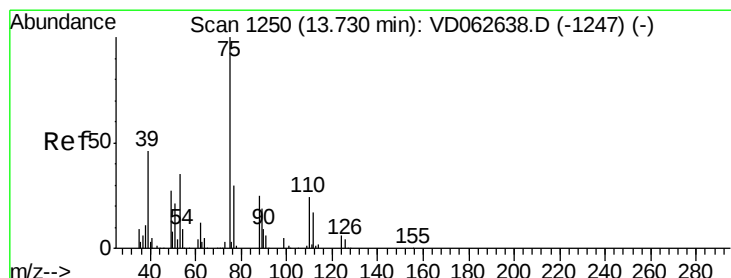
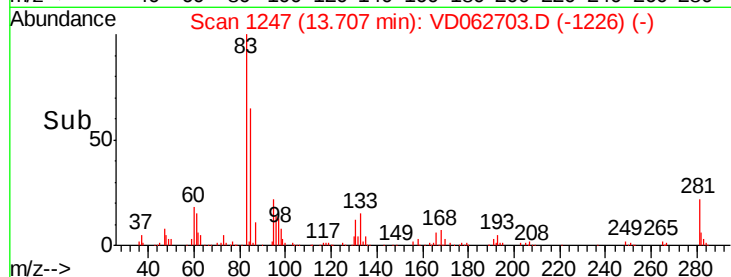
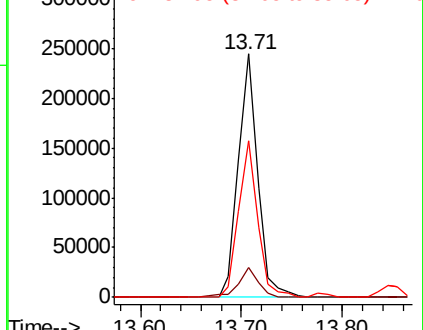
85 64.6 31.3 93.9



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: 58.881 ug/l

RT: 13.74 min Scan# 1250

Delta R.T. 0.01 min

Lab File: VD062703.D

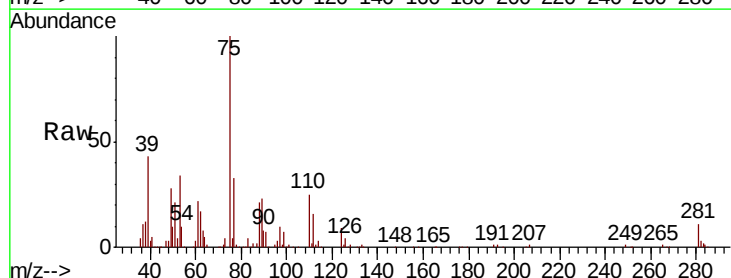
Acq: 14 Jun 2019 11:23

Tgt Ion: 75 Resp: 373760

Ion Ratio Lower Upper

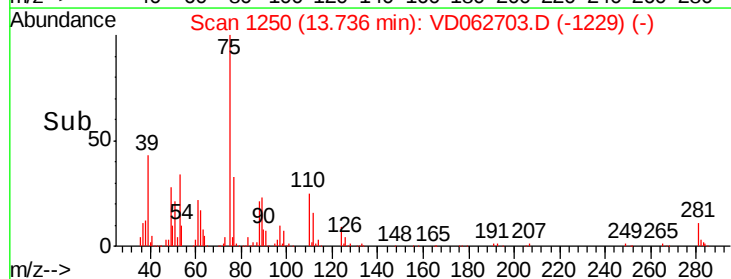
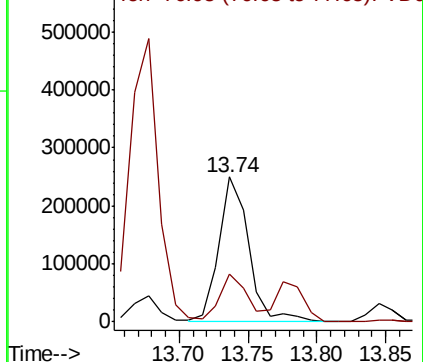
75 100

77 32.7 16.2 48.6



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 57.411 ug/l

RT: 13.68 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

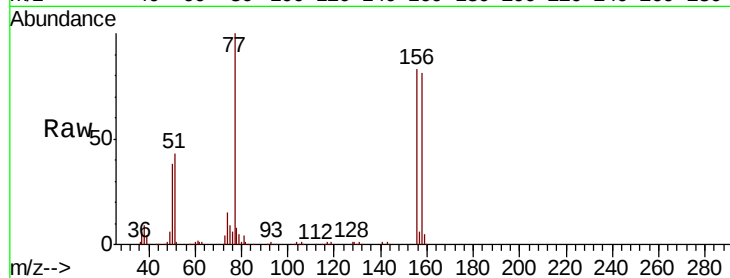
Tot Ion:156 Resp: 541466

Ion Ratio Lower Upper

156 100

77 120.0 56.3 168.8

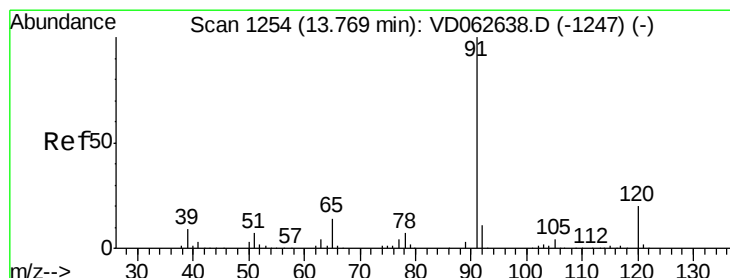
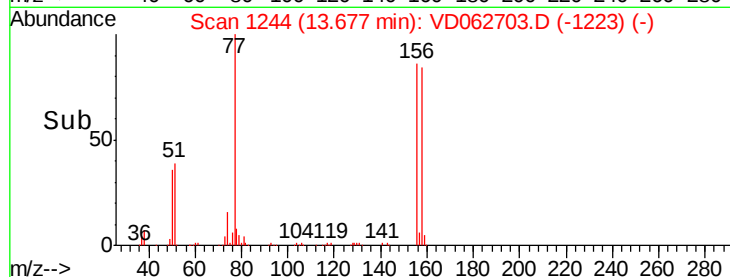
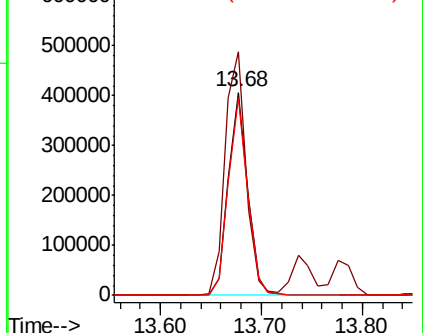
158 97.6 49.6 148.8



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 55.968 ug/l

RT: 13.78 min Scan# 1254

Delta R.T. 0.01 min

Lab File: VD062703.D

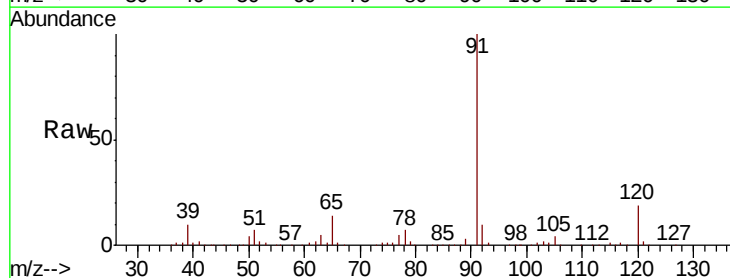
Acq: 14 Jun 2019 11:23

Tgt Ion: 91 Resp: 2260612

Ion Ratio Lower Upper

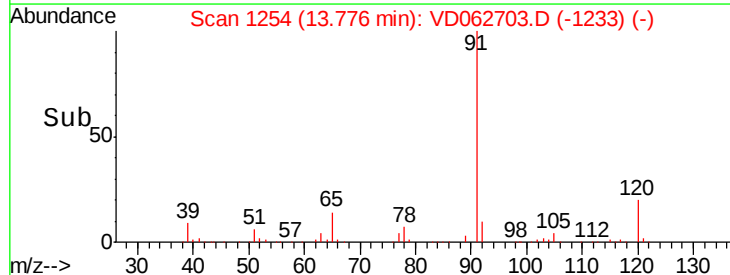
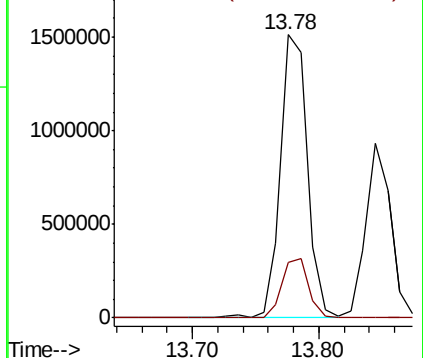
91 100

120 19.5 9.8 29.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 54.170 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

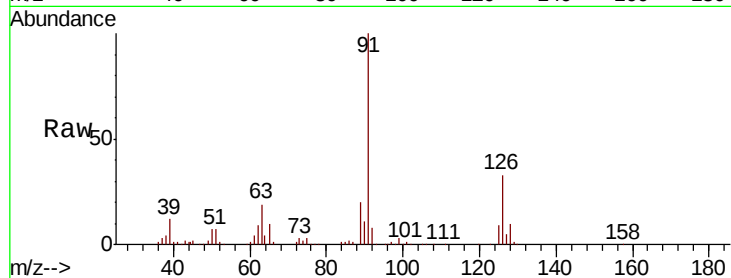
VSTDCCC050

Tot Ion: 91 Resp: 1281115

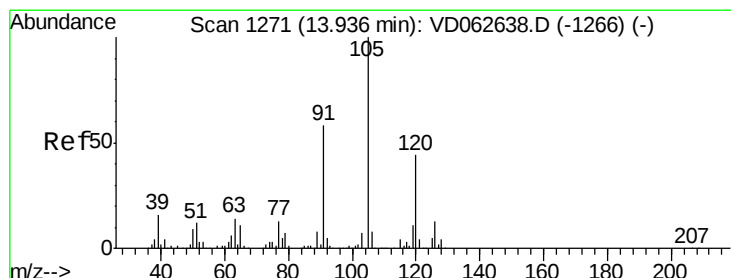
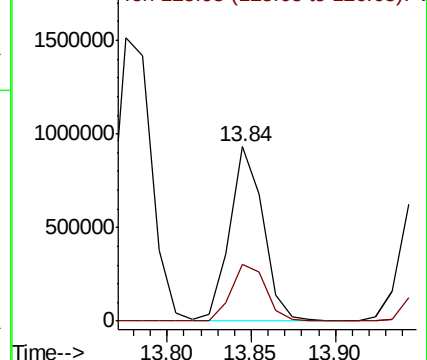
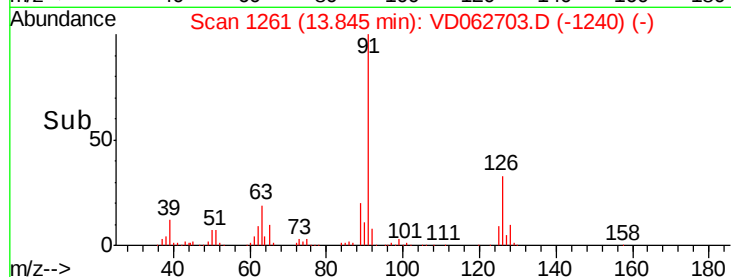
Ion Ratio Lower Upper

91 100

126 32.8 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VD062703.D (-1240) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.822 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD062703.D

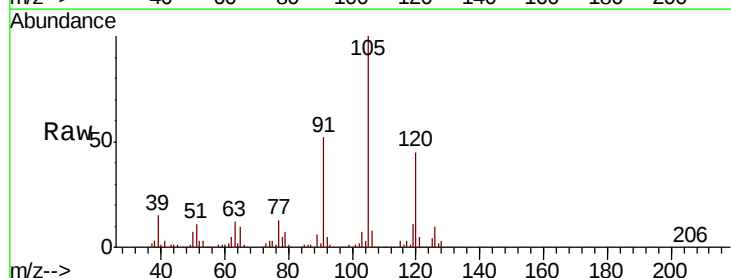
Acq: 14 Jun 2019 11:23

Tgt Ion: 105 Resp: 1627930

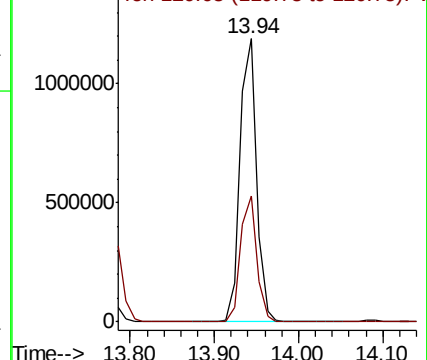
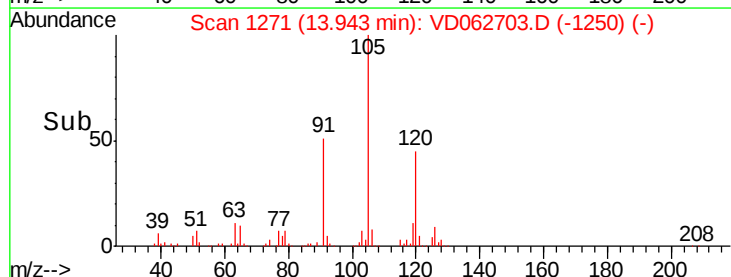
Ion Ratio Lower Upper

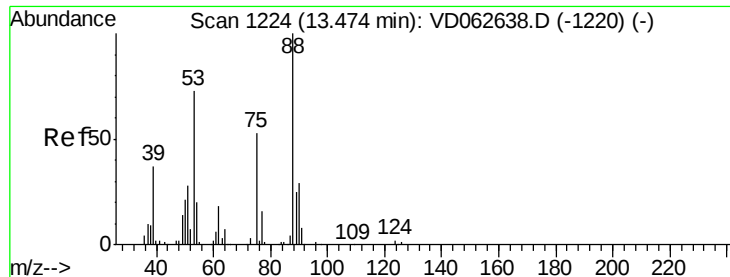
105 100

120 44.7 22.1 66.5



Abundance Ion 105.05 (104.75 to 105.75): VD062703.D (-1250) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.871 ug/l

RT: 13.48 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

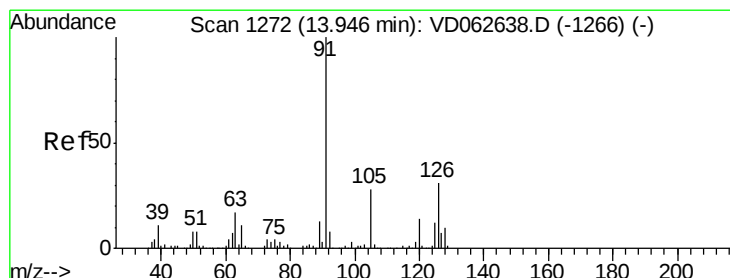
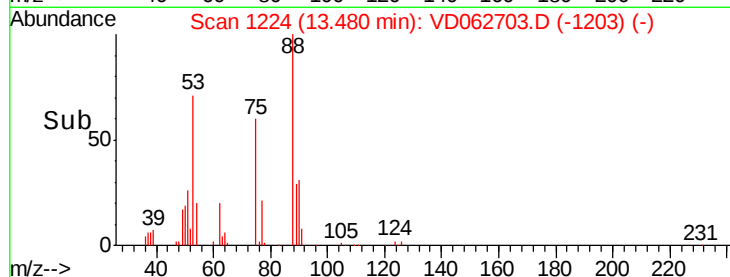
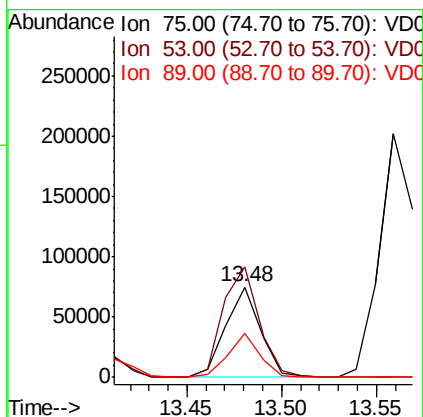
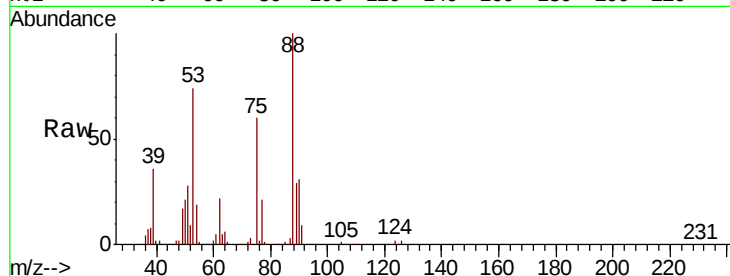
Tot Ion: 75 Resp: 95901

Ion Ratio Lower Upper

75 100

53 122.5 109.4 164.2

89 47.8 37.0 55.6



#82

4-Chlorotoluene

Concen: 53.813 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VD062703.D

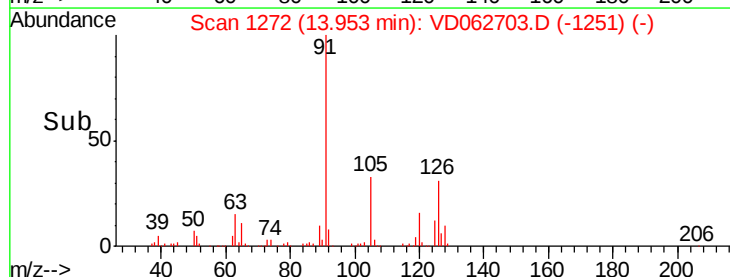
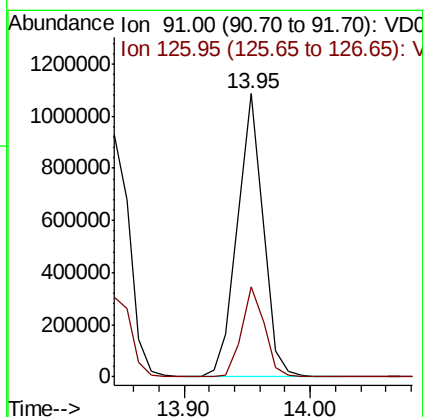
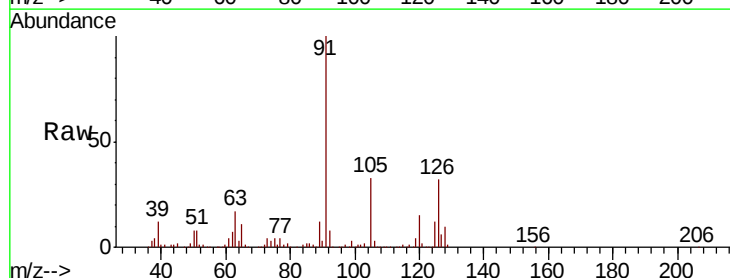
Acq: 14 Jun 2019 11:23

Tgt Ion: 91 Resp: 1521970

Ion Ratio Lower Upper

91 100

126 31.6 15.6 46.8

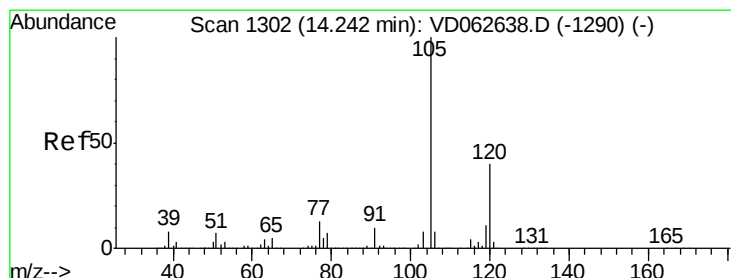
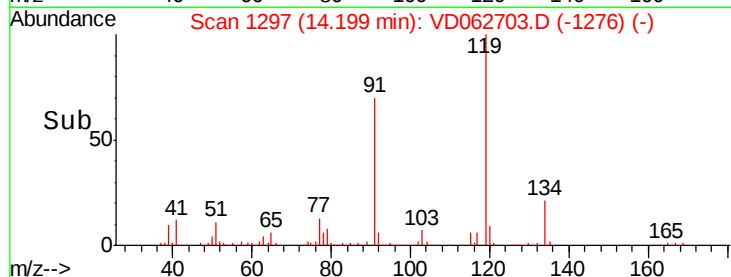
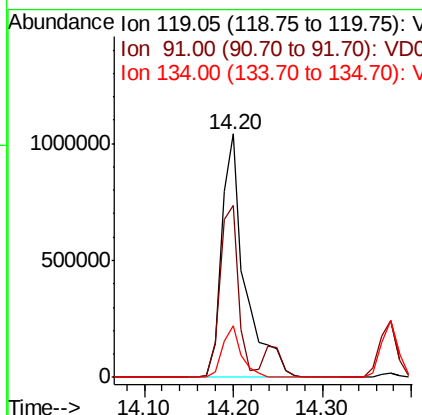
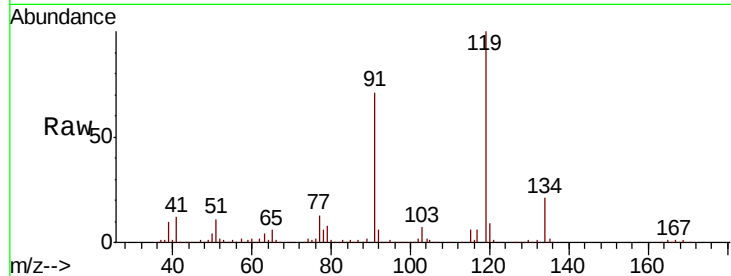




#83  
 tert-Butylbenzene  
 Concen: 58.952 ug/l  
 RT: 14.20 min Scan# 1297  
 Delta R.T. 0.01 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

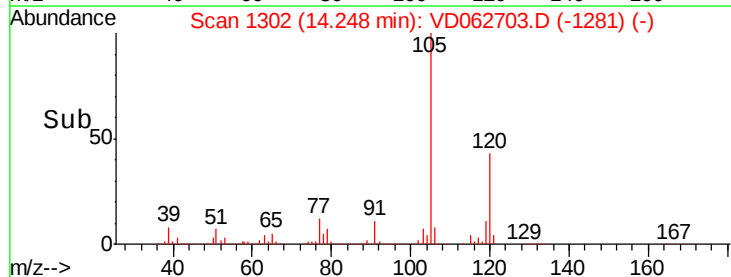
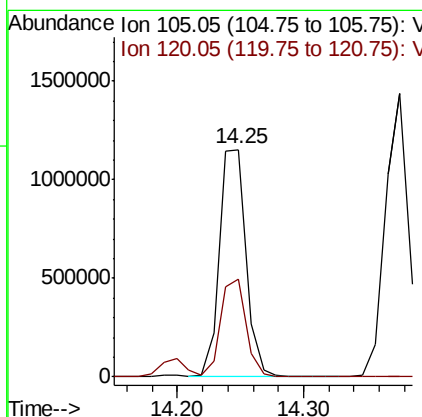
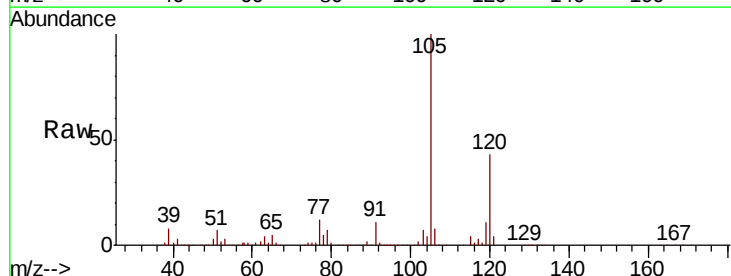
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

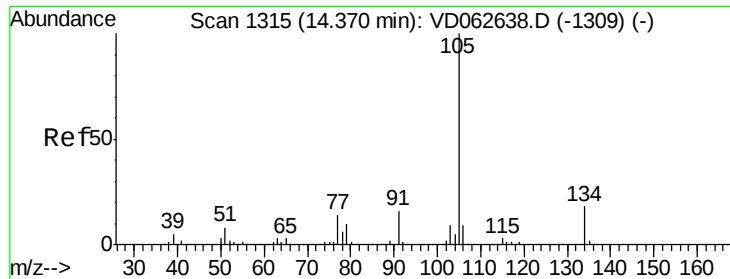
Tot Ion:119 Resp: 1896201  
 Ion Ratio Lower Upper  
 119 100  
 91 70.6 35.4 106.1  
 134 21.2 10.8 32.3



#84  
 1,2,4-Trimethylbenzene  
 Concen: 58.271 ug/l  
 RT: 14.25 min Scan# 1302  
 Delta R.T. 0.01 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

Tgt Ion:105 Resp: 1682545  
 Ion Ratio Lower Upper  
 105 100  
 120 43.0 20.3 60.8





#85

sec-Butylbenzene

Concen: 55.528 ug/l

RT: 14.38 min Scan# 1315

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

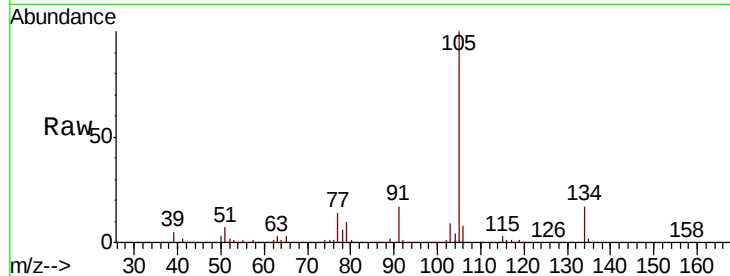
VSTDCCC050

Tot Ion:105 Resp: 1872892

Ion Ratio Lower Upper

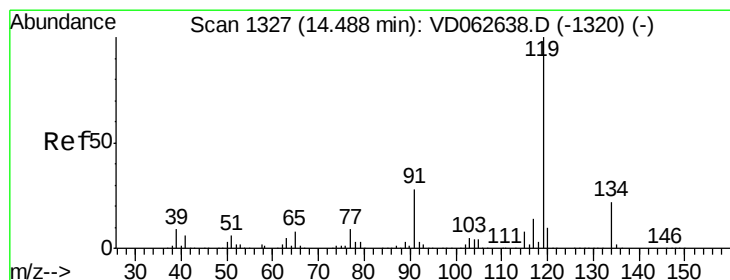
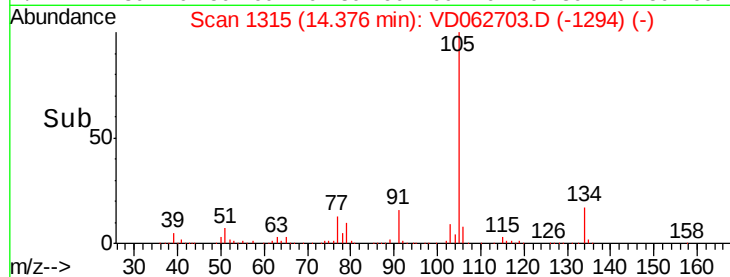
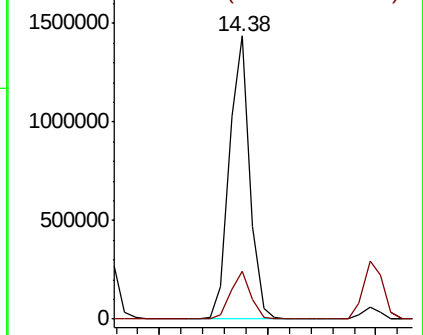
105 100

134 16.8 8.8 26.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 53.768 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

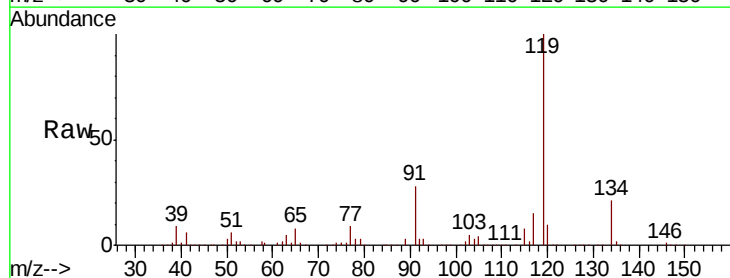
Tgt Ion:119 Resp: 1765707

Ion Ratio Lower Upper

119 100

134 20.9 10.9 32.6

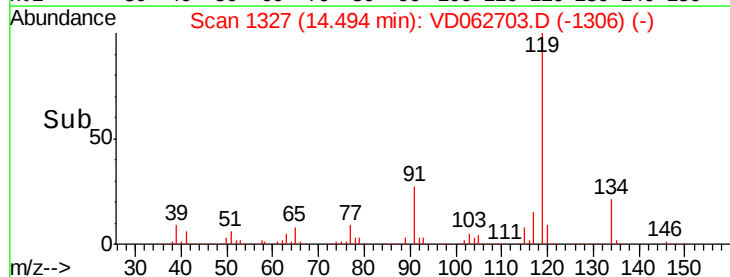
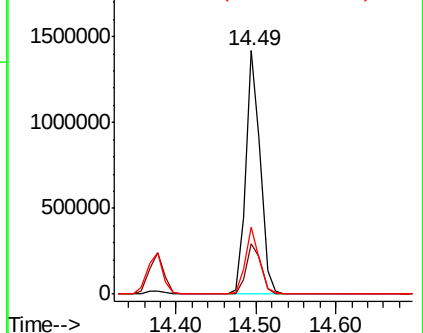
91 27.6 13.9 41.6

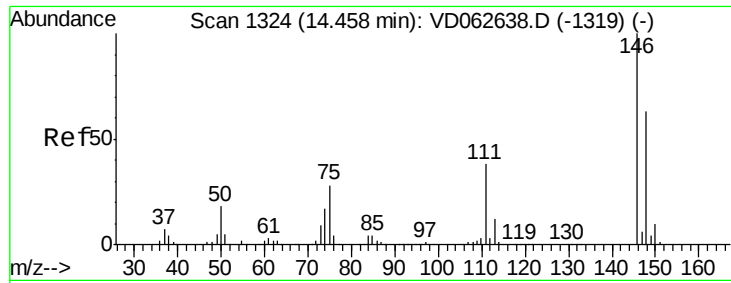


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

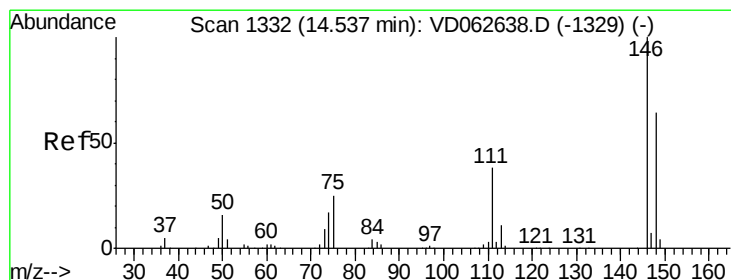
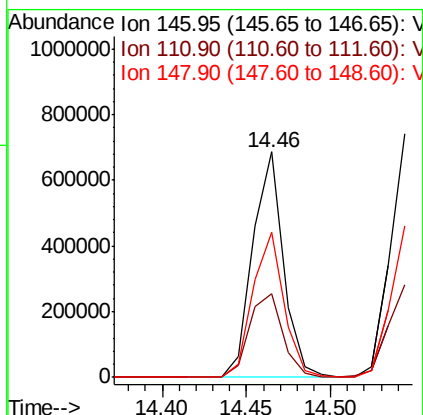
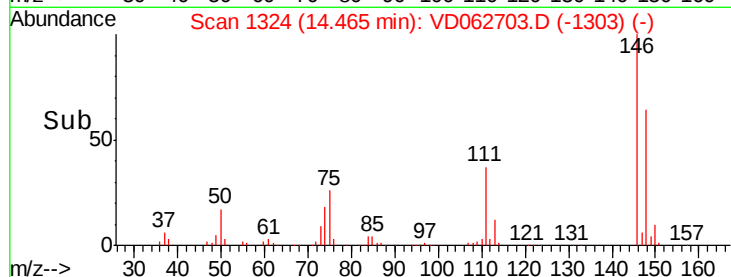
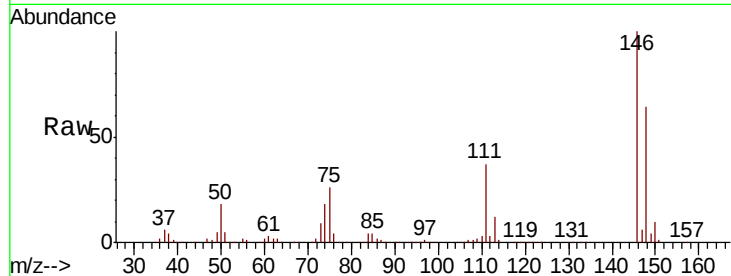




#87  
 1,3-Dichlorobenzene  
 Concen: 50.892 ug/l  
 RT: 14.46 min Scan# 1324  
 Delta R.T. 0.01 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

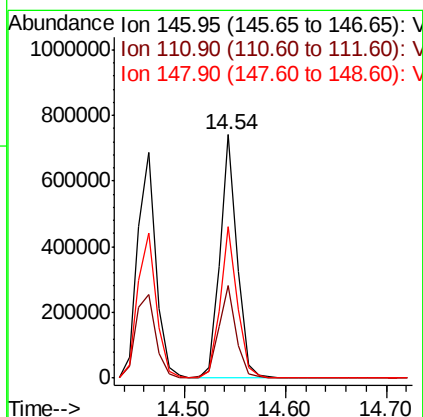
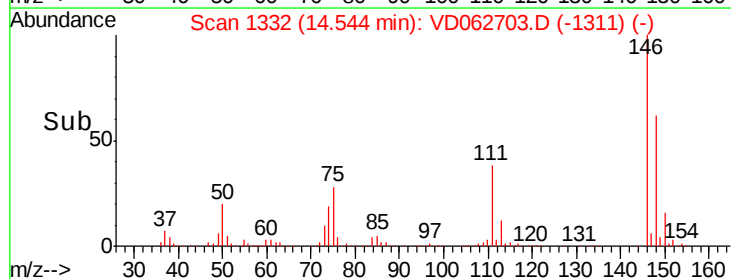
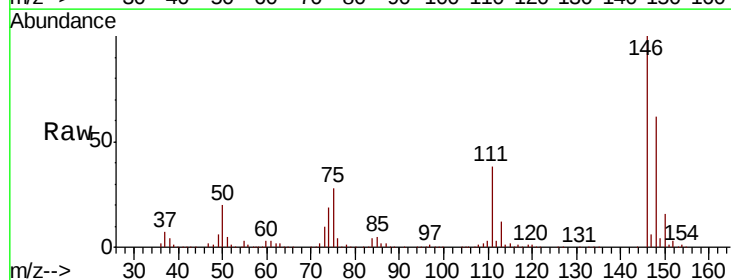
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

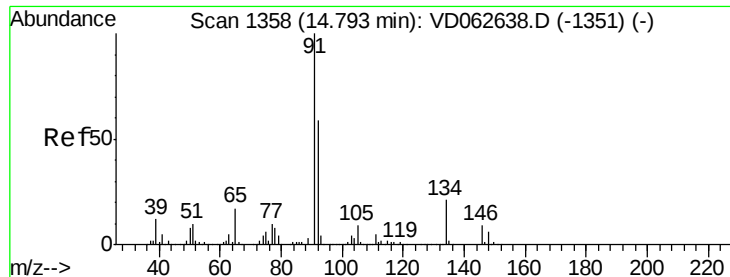
Tot Ion:146 Resp: 869530  
 Ion Ratio Lower Upper  
 146 100  
 111 37.1 19.2 57.6  
 148 64.3 31.6 95.0



#88  
 1,4-Dichlorobenzene  
 Concen: 54.934 ug/l  
 RT: 14.54 min Scan# 1332  
 Delta R.T. 0.01 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

Tgt Ion:146 Resp: 887019  
 Ion Ratio Lower Upper  
 146 100  
 111 38.2 18.9 56.7  
 148 62.4 32.3 96.8





#89

n-Butylbenzene

Concen: 57.376 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. 0.01 min

Lab File: VD062703.D

Acq: 14 Jun 2019 11:23

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

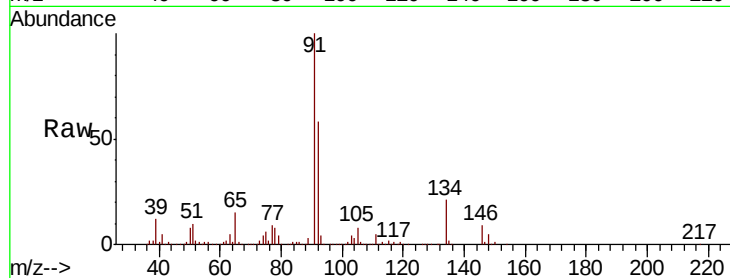
Tot Ion: 91 Resp: 1695064

Ion Ratio Lower Upper

91 100

92 57.9 29.4 88.3

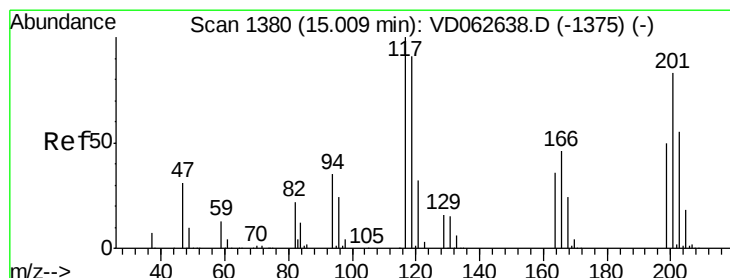
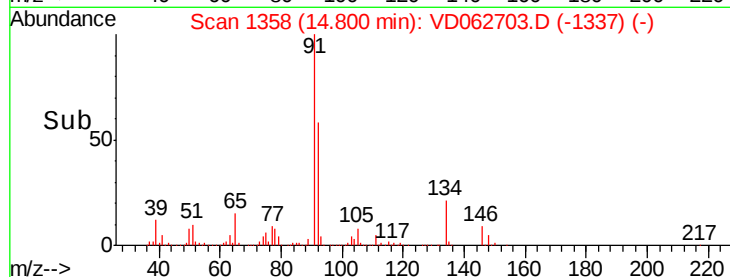
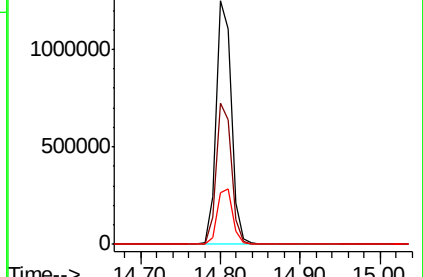
134 21.2 10.4 31.2



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: 58.145 ug/l

RT: 15.02 min Scan# 1380

Delta R.T. 0.01 min

Lab File: VD062703.D

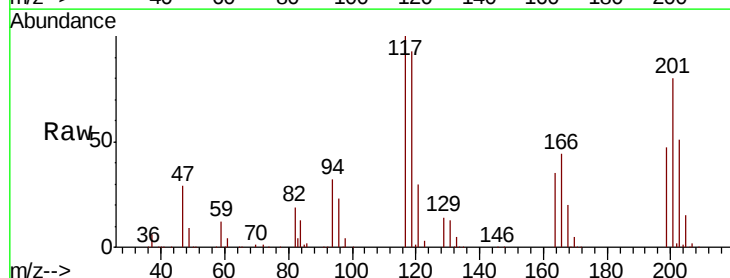
Acq: 14 Jun 2019 11:23

Tgt Ion: 117 Resp: 504087

Ion Ratio Lower Upper

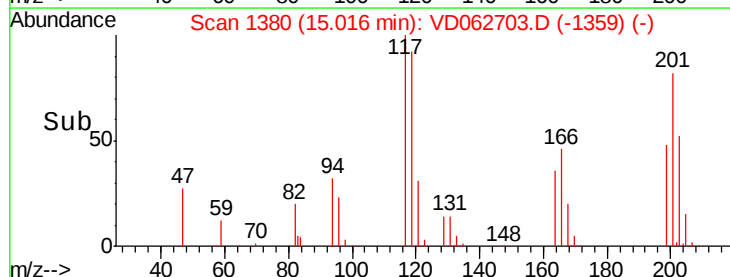
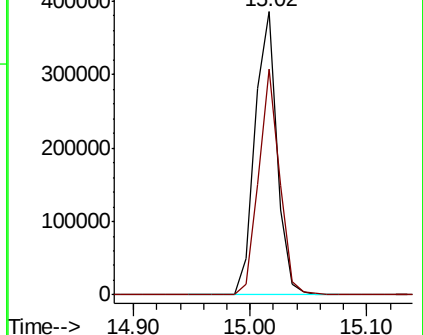
117 100

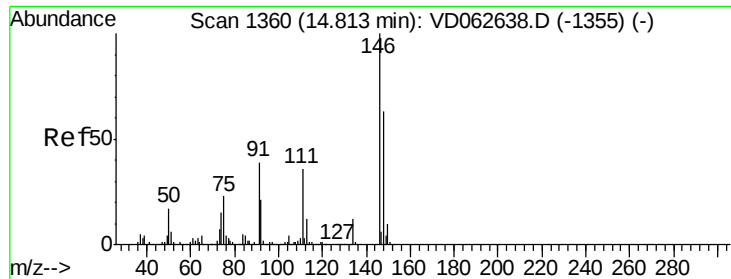
201 79.8 41.5 124.6



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

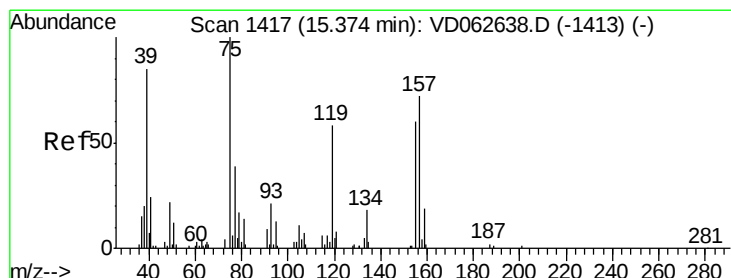
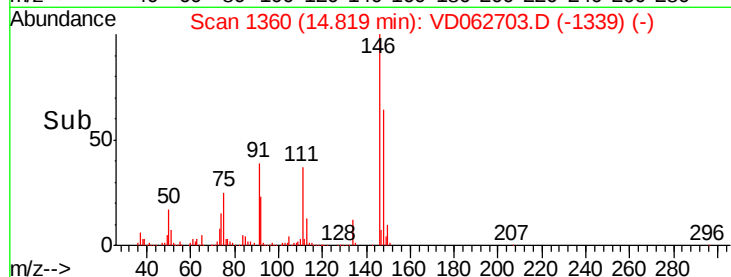
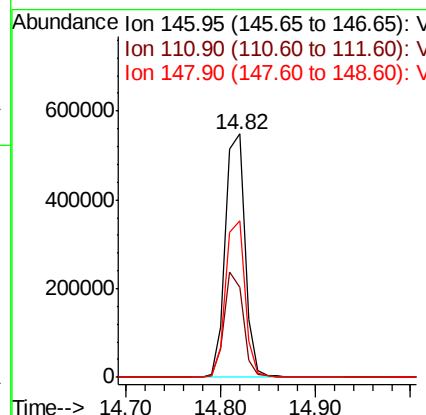
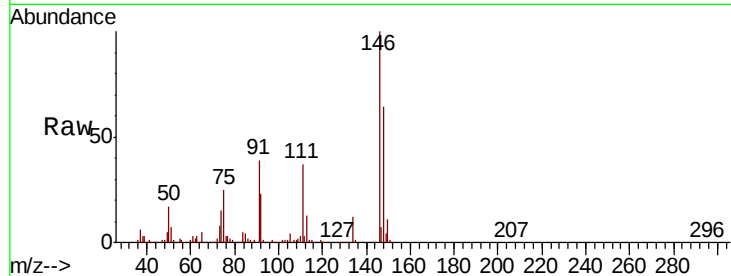




#91  
 1,2-Dichlorobenzene  
 Concen: 55.679 ug/l  
 RT: 14.82 min Scan# 1360  
 Delta R.T. 0.01 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

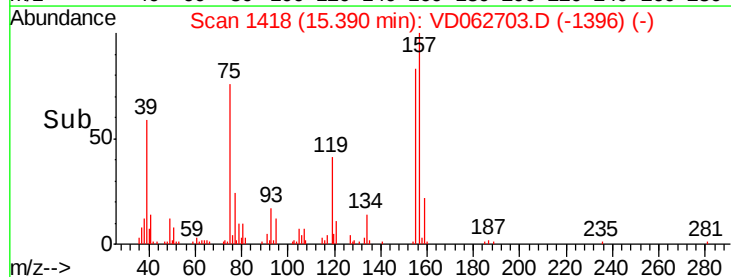
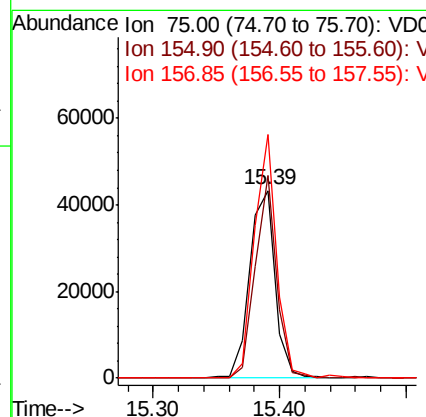
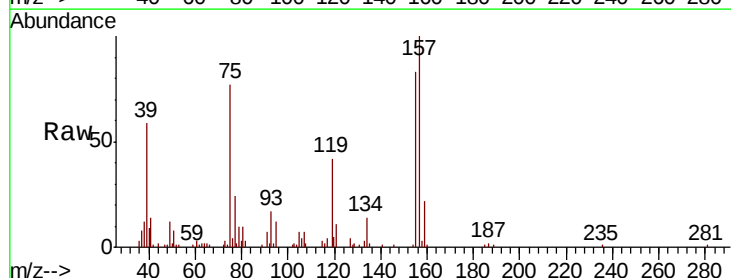
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

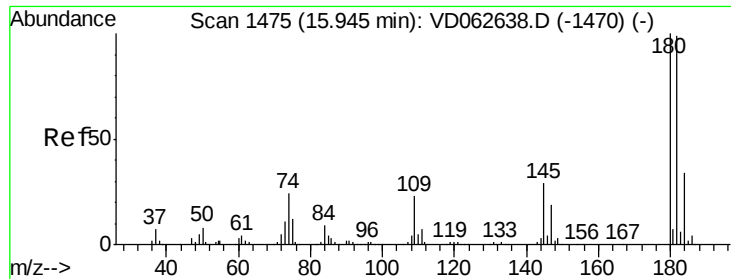
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.1  | 18.1  | 54.3  |
| 148     | 64.3  | 31.4  | 94.0  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.447 ug/l  
 RT: 15.39 min Scan# 1418  
 Delta R.T. 0.02 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 75      | 100   |       |        |
| 155     | 108.3 | 30.1  | 90.5#  |
| 157     | 129.7 | 35.9  | 107.8# |

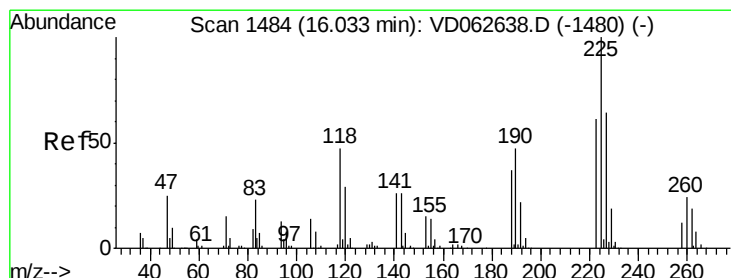
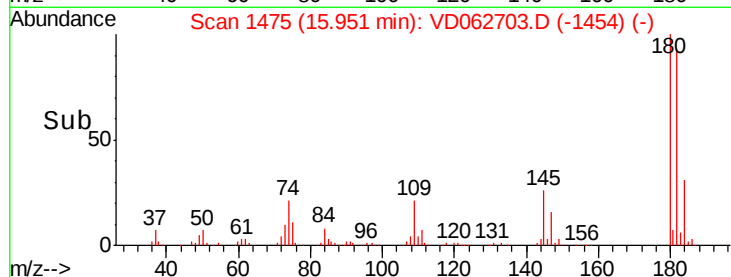
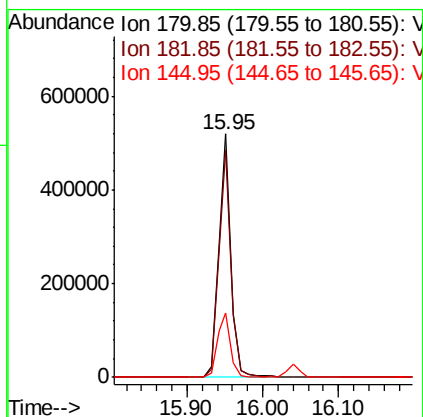
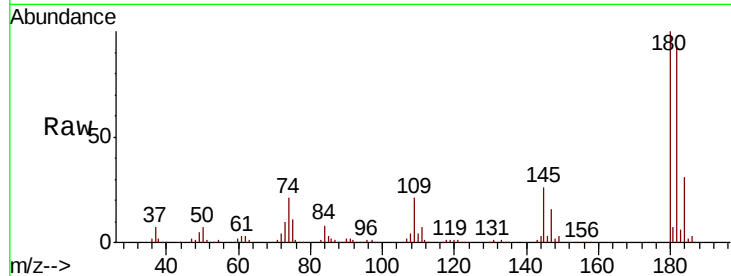




#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.243 ug/l  
 RT: 15.95 min Scan# 1475  
 Delta R.T. 0.01 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

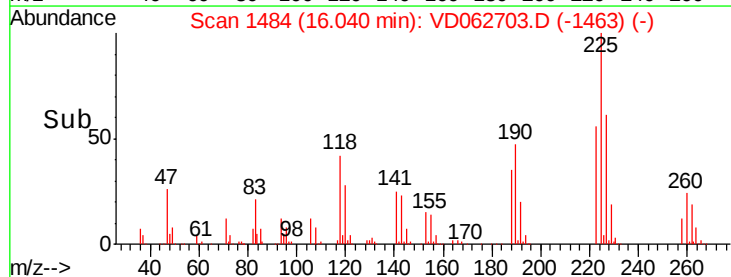
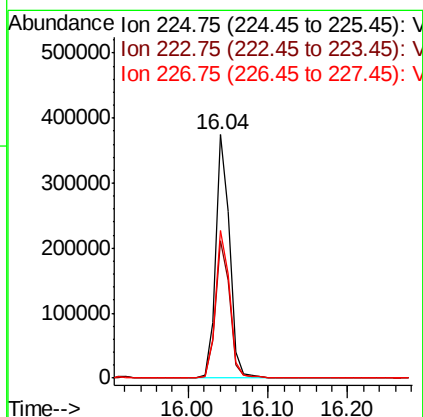
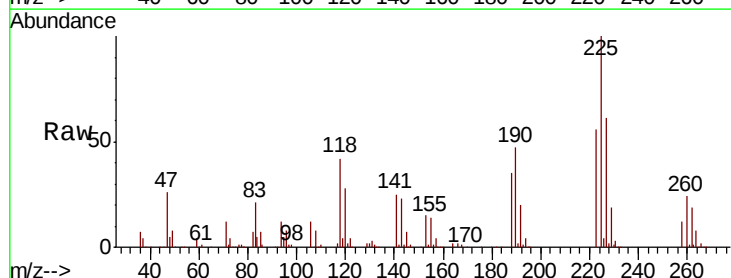
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

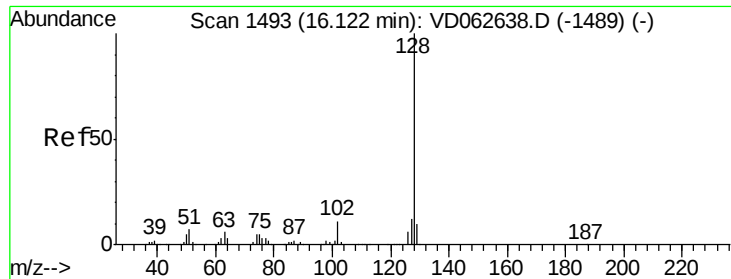
Tot Ion:180 Resp: 592586  
 Ion Ratio Lower Upper  
 180 100  
 182 93.2 49.4 148.2  
 145 26.4 14.5 43.6



#94  
 Hexachlorobutadiene  
 Concen: 55.323 ug/l  
 RT: 16.04 min Scan# 1484  
 Delta R.T. 0.01 min  
 Lab File: VD062703.D  
 Acq: 14 Jun 2019 11:23

Tgt Ion:225 Resp: 463906  
 Ion Ratio Lower Upper  
 225 100  
 223 56.3 30.3 91.0  
 227 60.7 31.8 95.4

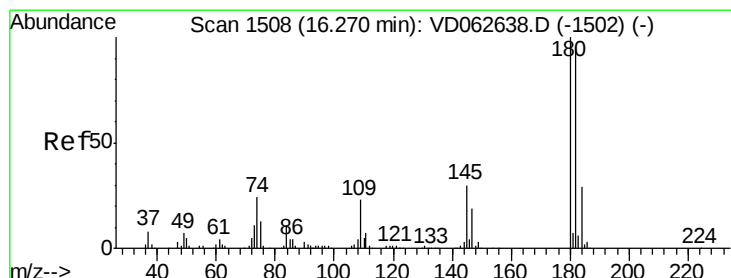
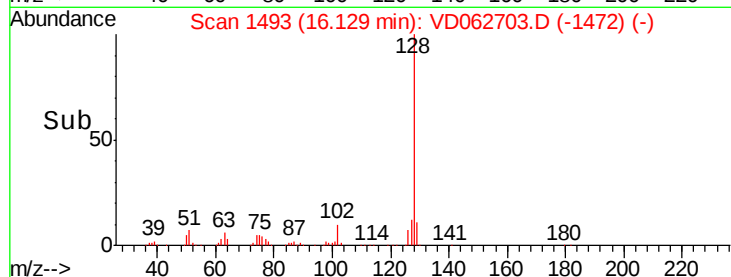
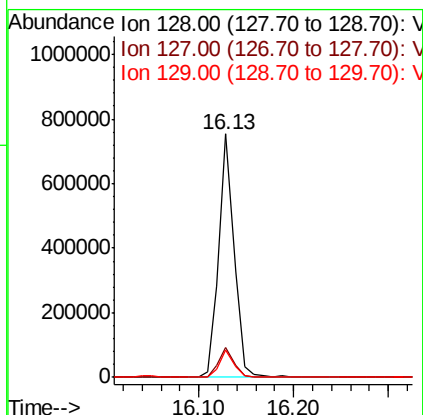
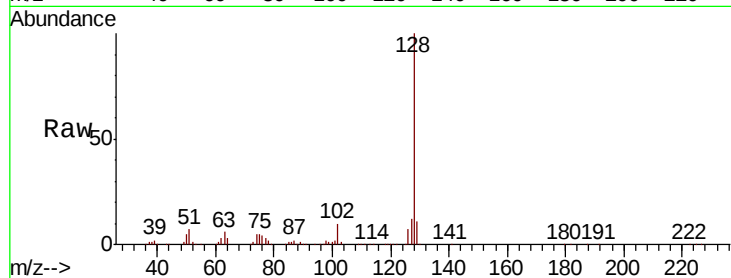




#95  
Naphthalene  
Concen: 50.050 ug/l  
RT: 16.13 min Scan# 1493  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tot Ion:128 Resp: 850245  
Ion Ratio Lower Upper  
128 100  
127 12.1 9.7 14.5  
129 11.1 8.1 12.1



#96  
1,2,3-Trichlorobenzene  
Concen: 58.079 ug/l  
RT: 16.28 min Scan# 1508  
Delta R.T. 0.01 min  
Lab File: VD062703.D  
Acq: 14 Jun 2019 11:23

Tgt Ion:180 Resp: 475122  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.7 143.1  
145 30.5 15.0 45.0

