

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\  
 Data File : VD062834.D  
 Acq On : 24 Jun 2019 12:27  
 Operator : VA/AP  
 Sample : VD0624SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0624SBS01

Quant Time: Jun 25 05:02:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:50:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.04  | 168  | 976546   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.23  | 114  | 1245824  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 1037564  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 565650   | 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   | 498216   | 46.94 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.88% |          |
| 35) Dibromofluoromethane    | 6.93  | 113  | 485515   | 46.22 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.44% |          |
| 50) Toluene-d8              | 10.41 | 98   | 1104332  | 48.30 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.60% |          |
| 62) 4-Bromofluorobenzene    | 13.56 | 95   | 500824   | 48.17 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.34% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85   | 258784   | 20.478  | ug/l   | 99     |
| 3) Chloromethane              | 1.75 | 50   | 188937   | 19.880  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.84 | 62   | 192593   | 20.439  | ug/l   | 95     |
| 5) Bromomethane               | 2.14 | 94   | 70627    | 16.005  | ug/l   | 94     |
| 6) Chloroethane               | 2.25 | 64   | 78065    | 18.299  | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 2.52 | 101  | 374771   | 19.652  | ug/l   | 97     |
| 8) Diethyl Ether              | 2.87 | 74   | 45949    | 18.964  | ug/l   | 88     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101  | 202938   | 19.643  | ug/l   | 95     |
| 10) Methyl Iodide             | 3.29 | 142  | 250065   | 18.347  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.09 | 59   | 49413    | 102.209 | ug/l   | 96     |
| 12) 1,1-Dichloroethene        | 3.12 | 96   | 138217   | 17.834  | ug/l # | 78     |
| 13) Acrolein                  | 3.03 | 56   | 44437    | 90.036  | ug/l   | 99     |
| 14) Allyl chloride            | 3.61 | 41   | 232965   | 20.343  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.20 | 53   | 123832   | 109.009 | ug/l   | 96     |
| 16) Acetone                   | 3.22 | 43   | 215760   | 95.920  | ug/l # | 91     |
| 17) Carbon Disulfide          | 3.36 | 76   | 472486   | 19.075  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.64 | 43   | 82220    | 25.659  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 4.24 | 73   | 352769   | 21.026  | ug/l   | 94     |
| 20) Methylene Chloride        | 3.82 | 84   | 163563   | 20.204  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96   | 168956   | 20.474  | ug/l   | 90     |
| 22) Diisopropyl ether         | 5.13 | 45   | 491084   | 21.087  | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.06 | 43   | 1476982  | 101.352 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 4.98 | 63   | 297988   | 19.652  | ug/l   | 97     |
| 25) 2-Butanone                | 6.08 | 43   | 205708   | 103.615 | ug/l # | 88     |
| 26) 2,2-Dichloropropane       | 6.02 | 77   | 330029   | 20.535  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.04 | 96   | 180307   | 20.662  | ug/l   | 95     |
| 28) Bromochloromethane        | 6.44 | 49   | 111354   | 20.851  | ug/l   | 89     |
| 29) Tetrahydrofuran           | 6.46 | 42   | 103326   | 110.000 | ug/l   | 95     |
| 30) Chloroform                | 6.67 | 83   | 365799   | 19.837  | ug/l   | 93     |
| 31) Cyclohexane               | 6.96 | 56   | 186690   | 18.729  | ug/l   | 90     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97   | 358495   | 18.665  | ug/l   | 95     |
| 36) 1,1-Dichloropropene       | 7.15 | 75   | 242972   | 20.602  | ug/l   | 93     |
| 37) Ethyl Acetate             | 6.19 | 43   | 105992   | 20.751  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.10 | 117  | 368352   | 20.768  | ug/l   | 99     |

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 Data File : VD062834.D  
 Acq On : 24 Jun 2019 12:27  
 Operator : VA/AP  
 Sample : VD0624SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0624SBS01

Quant Time: Jun 25 05:02:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:50:56 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.87  | 83   | 213485   | 20.565  | ug/l   | 96       |
| 40) Benzene                    | 7.46  | 78   | 501759   | 21.195  | ug/l   | 97       |
| 41) Methacrylonitrile          | 6.44  | 41   | 138357   | 22.246  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 7.58  | 62   | 270602   | 20.954  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 9.25  | 43   | 133929   | 21.661  | ug/l # | 98       |
| 44) Trichloroethene            | 8.54  | 130  | 191722   | 20.658  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 8.94  | 63   | 118615   | 20.150  | ug/l   | 100      |
| 46) Dibromomethane             | 9.06  | 93   | 105175   | 20.800  | ug/l   | 94       |
| 47) Bromodichloromethane       | 9.38  | 83   | 288140   | 21.941  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.13  | 41   | 93730    | 21.332  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.08  | 88   | 17644    | 482.674 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.30 | 43   | 484434   | 110.509 | ug/l   | 95       |
| 52) Toluene                    | 10.51 | 92   | 343981   | 21.616  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 233759   | 21.748  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.04 | 75   | 250561   | 21.447  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 11.19 | 97   | 113343   | 20.732  | ug/l   | 90       |
| 56) Ethyl methacrylate         | 11.04 | 69   | 125751   | 21.523  | ug/l # | 84       |
| 57) 1,3-Dichloropropane        | 11.41 | 76   | 183891   | 21.967  | ug/l   | 94       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 349362   | 116.472 | ug/l   | 98       |
| 59) 2-Hexanone                 | 11.53 | 43   | 361657   | 115.842 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.69 | 129  | 216971   | 21.306  | ug/l   | 89       |
| 61) 1,2-Dibromoethane          | 11.81 | 107  | 137218   | 21.251  | ug/l   | 94       |
| 64) Tetrachloroethene          | 11.26 | 164  | 179157   | 20.980  | ug/l   | 91       |
| 65) Chlorobenzene              | 12.40 | 112  | 409413   | 21.262  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 12.52 | 131  | 194480   | 21.596  | ug/l   | 96       |
| 67) Ethyl Benzene              | 12.53 | 91   | 743190   | 21.497  | ug/l   | 99       |
| 68) m/p-Xylenes                | 12.68 | 106  | 514315   | 42.713  | ug/l   | 93       |
| 69) o-Xylene                   | 13.05 | 106  | 244533   | 22.215  | ug/l   | 91       |
| 70) Styrene                    | 13.07 | 104  | 417110   | 21.574  | ug/l   | 98       |
| 71) Bromoform                  | 13.24 | 173  | 137221   | 22.240  | ug/l   | 96       |
| 73) Isopropylbenzene           | 13.40 | 105  | 765927   | 21.118  | ug/l   | 99       |
| 74) N-amyl acetate             | 13.27 | 43   | 193225   | 21.938  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 129951   | 21.991  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 141788   | 21.713  | ug/l   | 99       |
| 77) Bromobenzene               | 13.67 | 156  | 218098   | 22.357  | ug/l   | 94       |
| 78) n-propylbenzene            | 13.78 | 91   | 904302   | 21.422  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 501758   | 20.799  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 651657   | 21.391  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 38997    | 22.786  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 621975   | 21.416  | ug/l   | 93       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 715470   | 21.070  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 654249   | 20.953  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 777180   | 21.058  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 14.50 | 119  | 726063   | 21.504  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 379932   | 21.727  | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 359229   | 20.453  | ug/l   | 98       |
| 89) n-Butylbenzene             | 14.80 | 91   | 661247   | 20.925  | ug/l   | 96       |
| 90) Hexachloroethane           | 15.01 | 117  | 189971   | 20.926  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 336856   | 22.515  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 27263    | 23.637  | ug/l   | 61       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062419\  
Data File : VD062834.D  
Acq On : 24 Jun 2019 12:27  
Operator : VA/AP  
Sample : VD0624SBSD01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

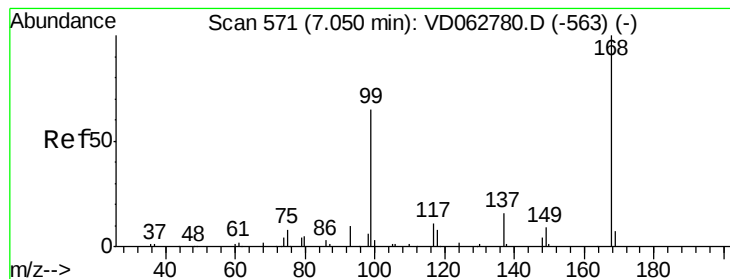
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0624SBSD01

Quant Time: Jun 25 05:02:27 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 20 01:50:56 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 241418   | 20.657 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 179619   | 20.117 | ug/l  | 97       |
| 95) Naphthalene            | 16.12 | 128  | 356841   | 21.784 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 183797   | 20.468 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

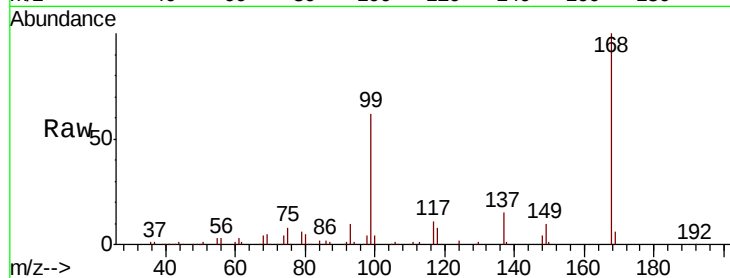
VD0624SBSD01

Tot Ion:168 Resp: 976546

Ion Ratio Lower Upper

168 100

99 62.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.04

400000

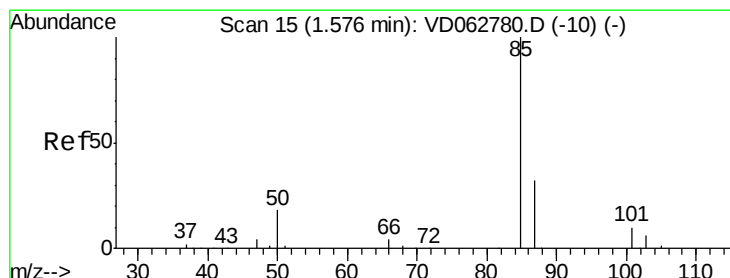
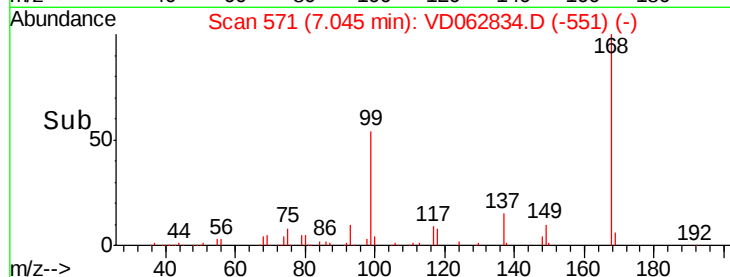
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.478 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.00 min

Lab File: VD062834.D

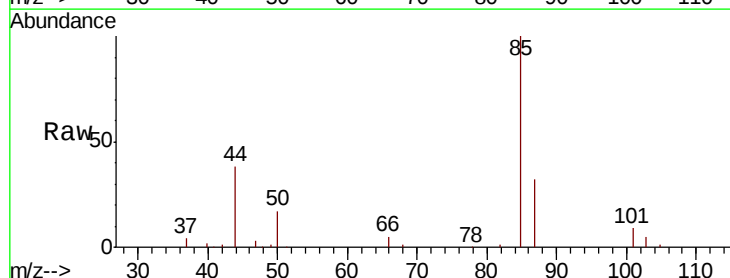
Acq: 24 Jun 2019 12:27

Tgt Ion: 85 Resp: 258784

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): V

Ion 86.90 (86.60 to 87.60): V

1.57

120000

100000

80000

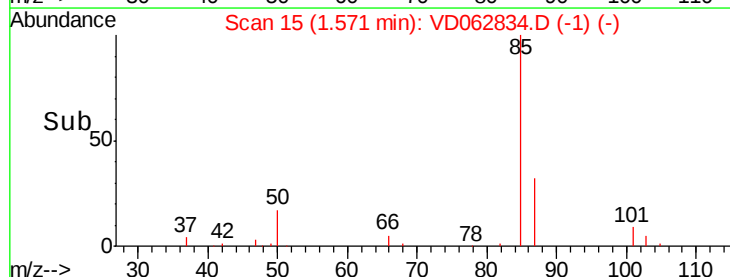
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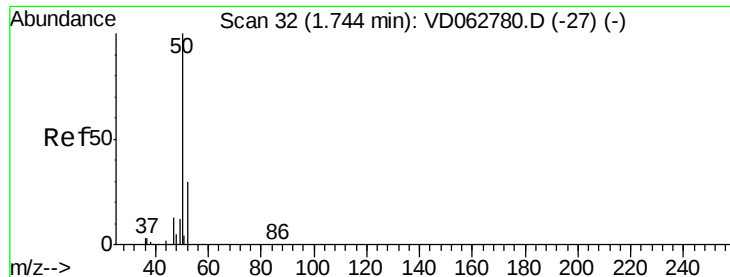
40000

20000

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Time-->





#3

Chloromethane

Concen: 19.880 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

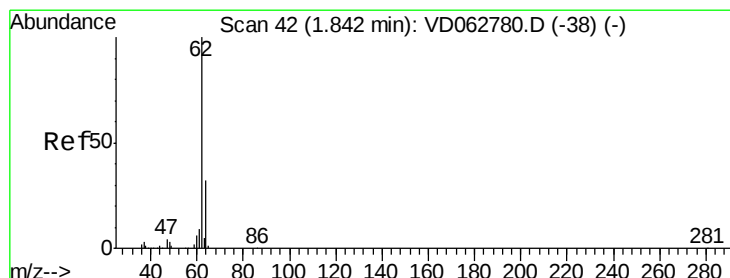
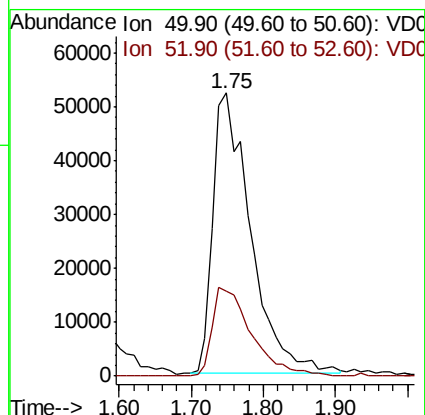
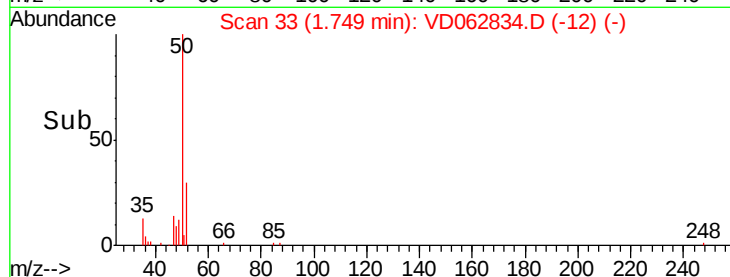
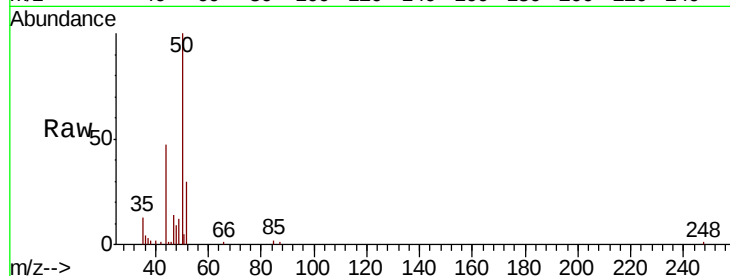
VD0624SBS01

Tot Ion: 50 Resp: 188937

Ion Ratio Lower Upper

50 100

52 30.1 23.6 35.4



#4

Vinyl Chloride

Concen: 20.439 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.00 min

Lab File: VD062834.D

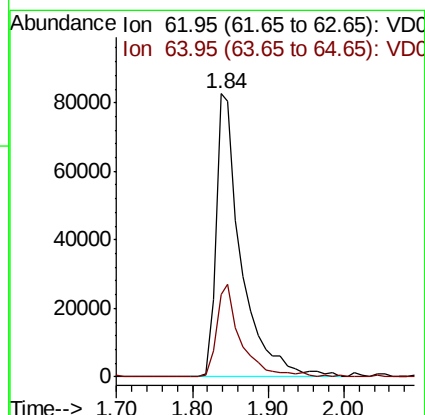
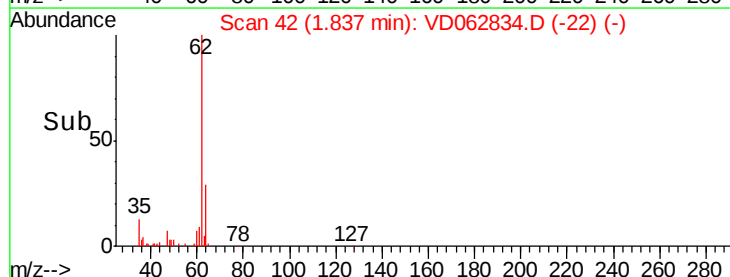
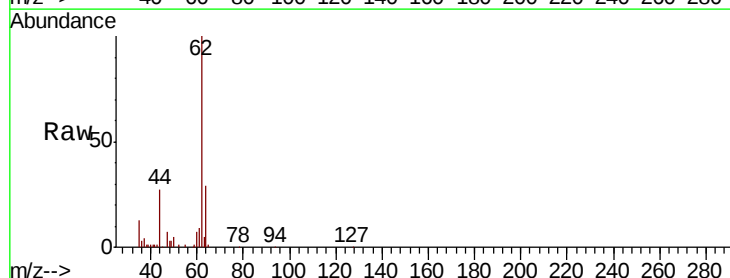
Acq: 24 Jun 2019 12:27

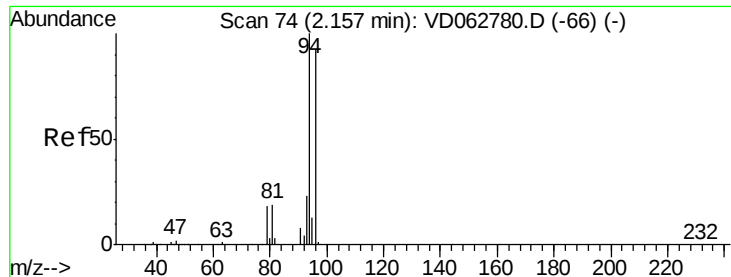
Tgt Ion: 62 Resp: 192593

Ion Ratio Lower Upper

62 100

64 29.3 25.6 38.4





#5

Bromomethane

Concen: 16.005 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

VD0624SBS01

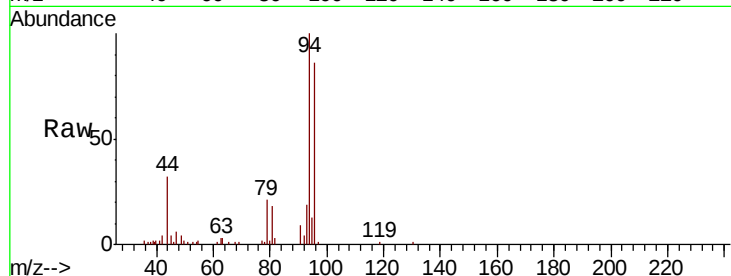
Tot Ion: 94 Resp: 70627

Ion Ratio Lower Upper

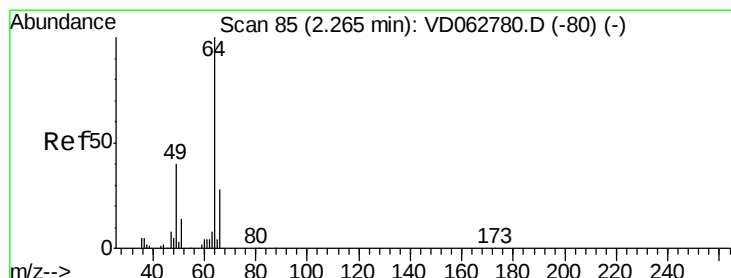
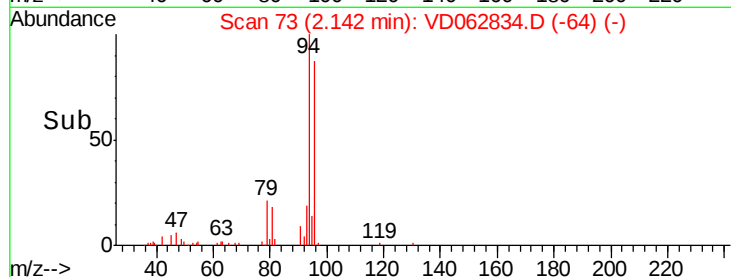
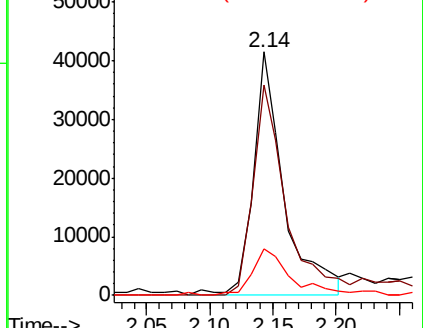
94 100

96 86.5 73.4 110.2

93 19.0 18.2 27.4



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: 18.299 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD062834.D

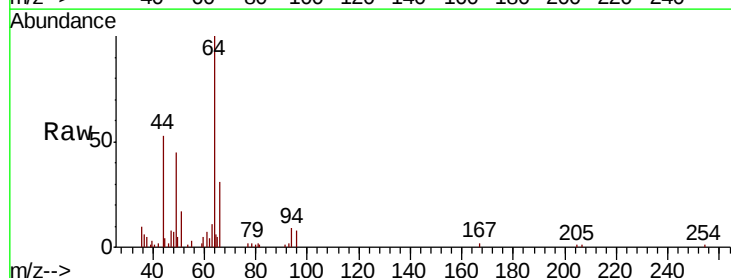
Acq: 24 Jun 2019 12:27

Tgt Ion: 64 Resp: 78065

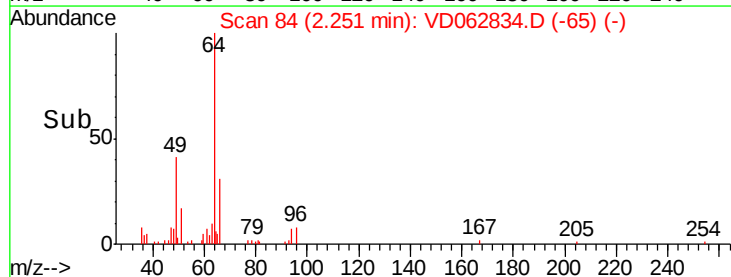
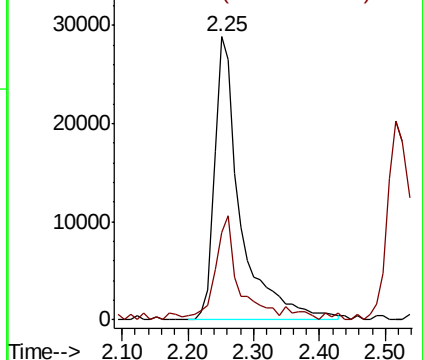
Ion Ratio Lower Upper

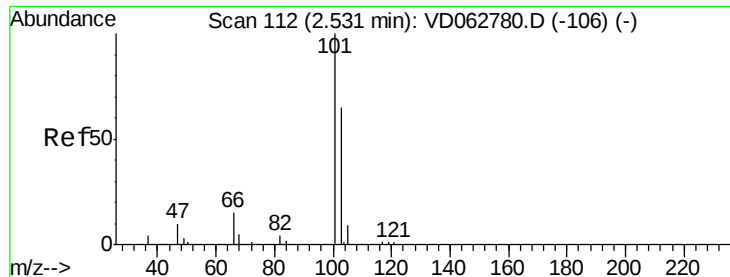
64 100

66 31.1 23.0 34.4



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



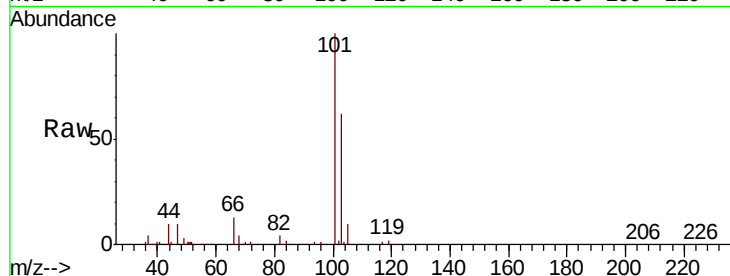


#7

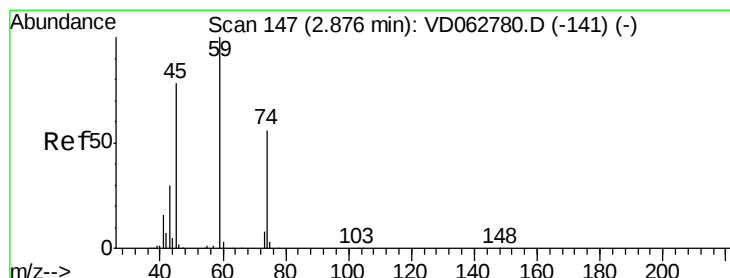
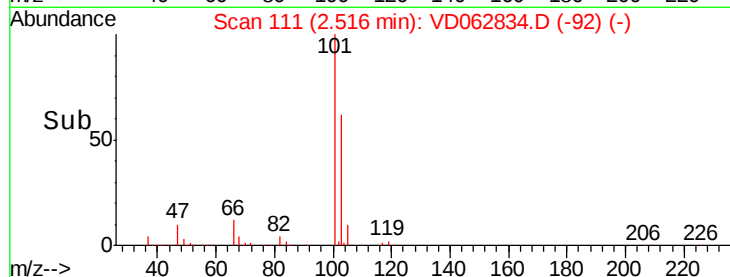
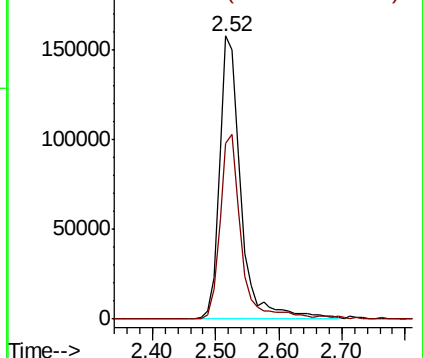
Trichlorofluoromethane  
 Concen: 19.652 ug/l  
 RT: 2.52 min Scan# 111  
 Delta R.T. -0.01 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0624SBSD01

Tot Ion:101 Resp: 374771  
 Ion Ratio Lower Upper  
 101 100  
 103 62.1 51.8 77.8



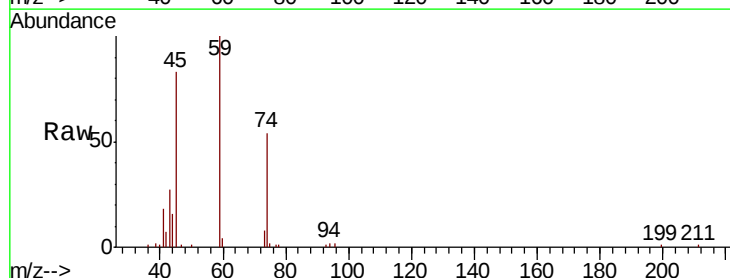
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



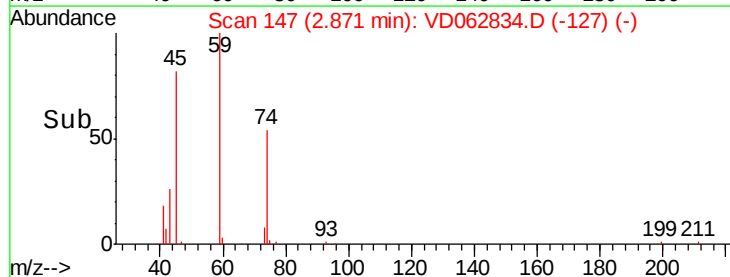
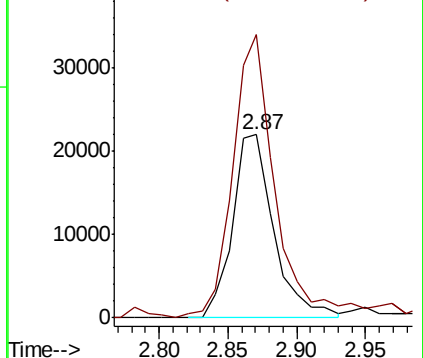
#8

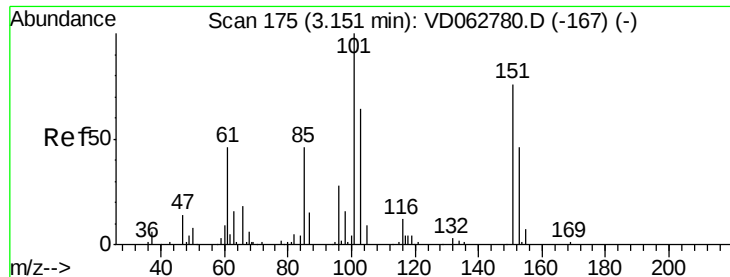
Diethyl Ether  
 Concen: 18.964 ug/l  
 RT: 2.87 min Scan# 147  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Tgt Ion: 74 Resp: 45949  
 Ion Ratio Lower Upper  
 74 100  
 45 154.6 70.2 210.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.643 ug/l

RT: 3.15 min Scan# 175

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

VD0624SBSD01

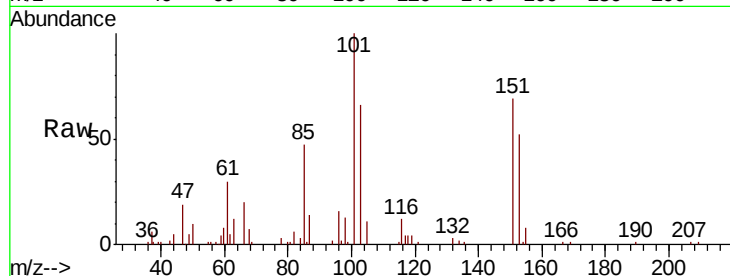
Tot Ion:101 Resp: 202938

Ion Ratio Lower Upper

101 100

85 46.8 37.0 55.4

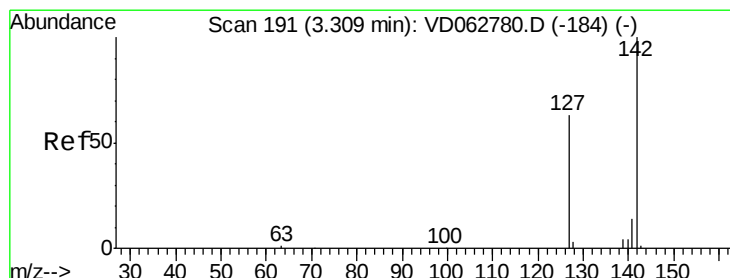
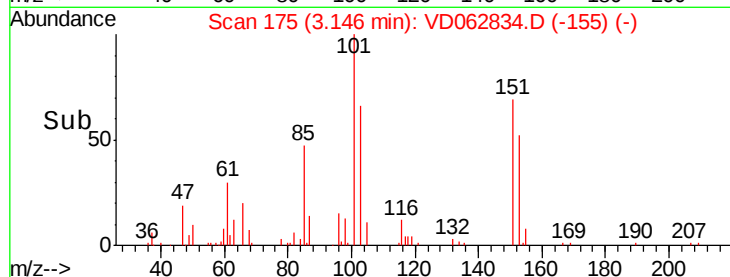
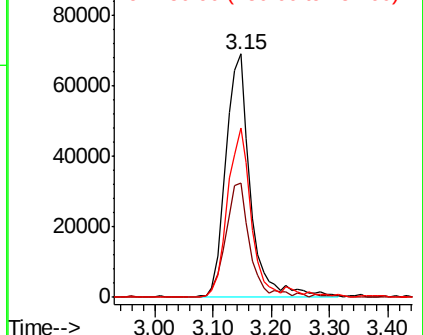
151 69.3 60.5 90.7



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: 18.347 ug/l

RT: 3.29 min Scan# 190

Delta R.T. -0.01 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

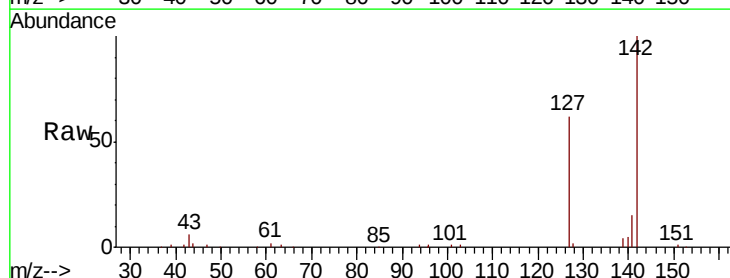
Tgt Ion:142 Resp: 250065

Ion Ratio Lower Upper

142 100

127 62.3 50.1 75.1

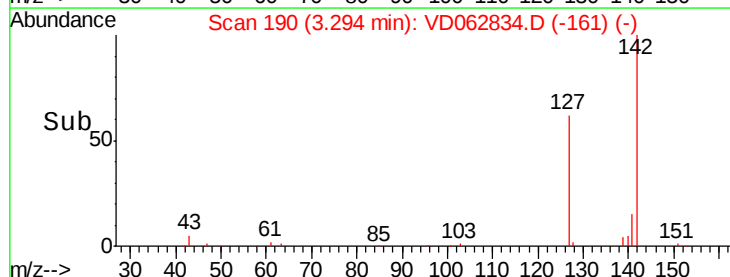
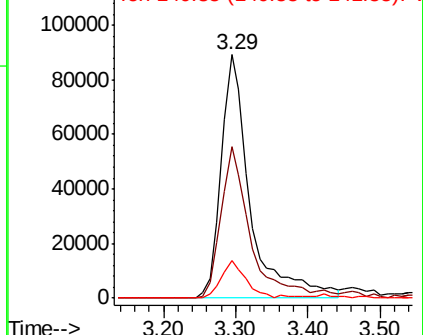
141 15.3 11.0 16.4



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



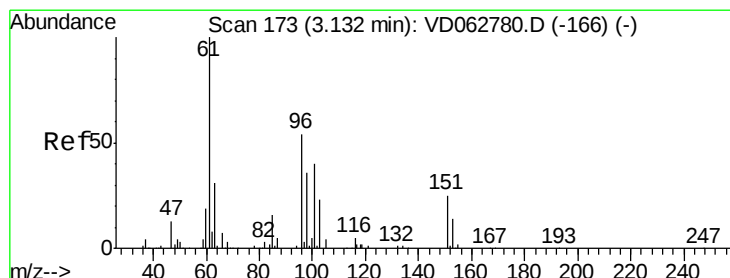
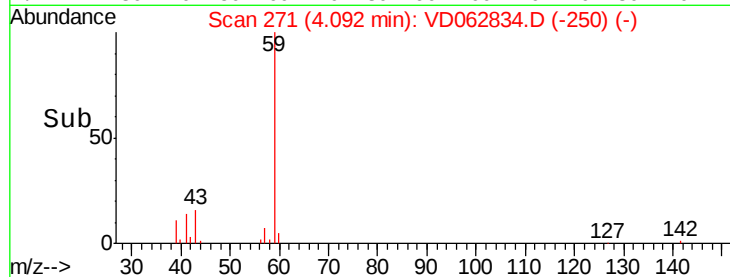
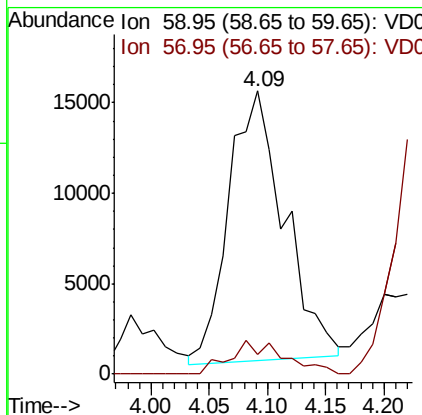
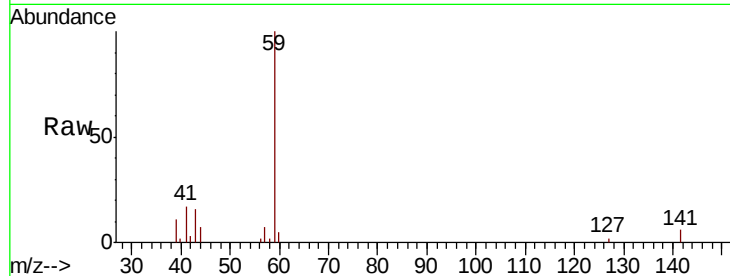


#11

Tert butyl alcohol  
Concen: 102.209 ug/l  
RT: 4.09 min Scan# 271  
Delta R.T. 0.01 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0624SBSD01

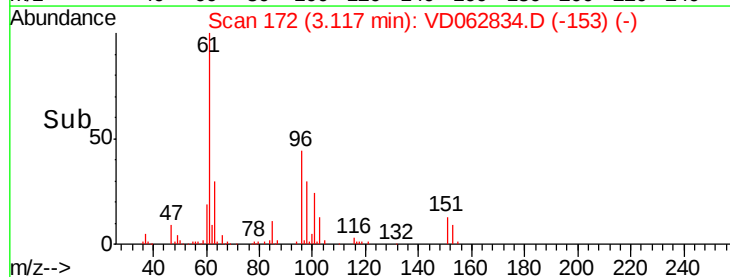
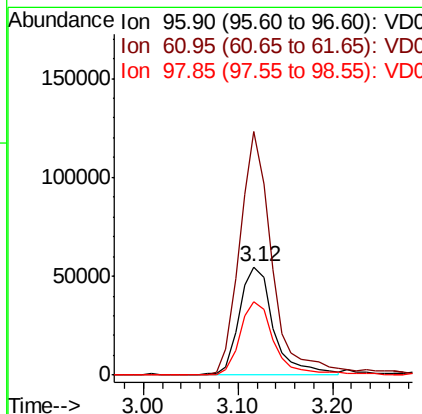
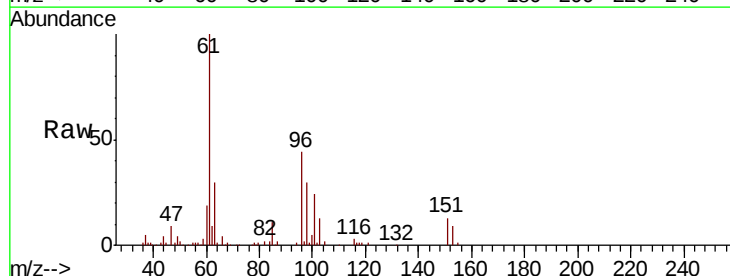
Tot Ion: 59 Resp: 49413  
Ion Ratio Lower Upper  
59 100  
57 7.0 6.6 10.0



#12

1,1-Dichloroethene  
Concen: 17.834 ug/l  
RT: 3.12 min Scan# 172  
Delta R.T. -0.01 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Tgt Ion: 96 Resp: 138217  
Ion Ratio Lower Upper  
96 100  
61 225.4 147.1 220.7#  
98 67.6 52.6 79.0





#13

Acrolein

Concen: 90.036 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

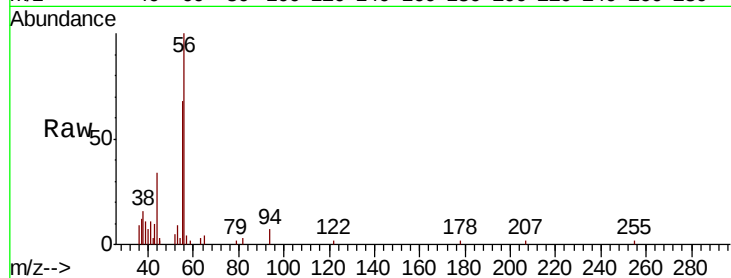
VD0624SBSD01

Tot Ion: 56 Resp: 44437

Ion Ratio Lower Upper

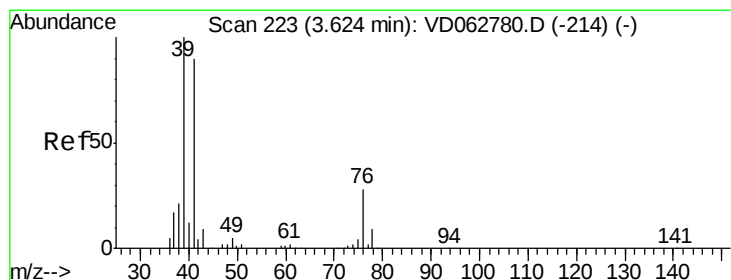
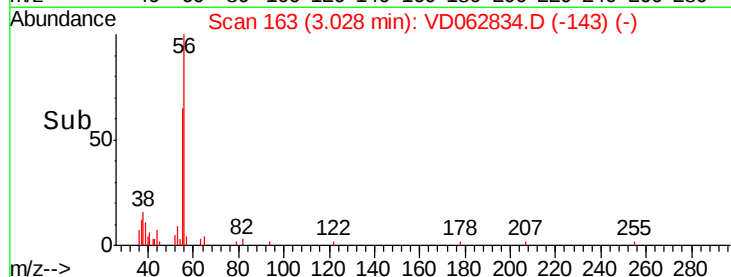
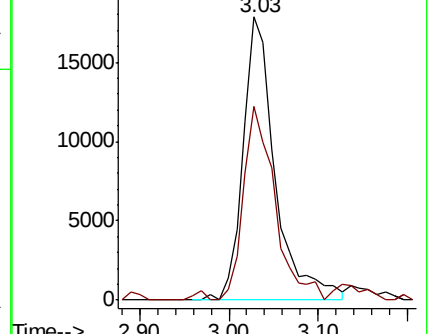
56 100

55 68.3 55.4 83.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.343 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.01 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

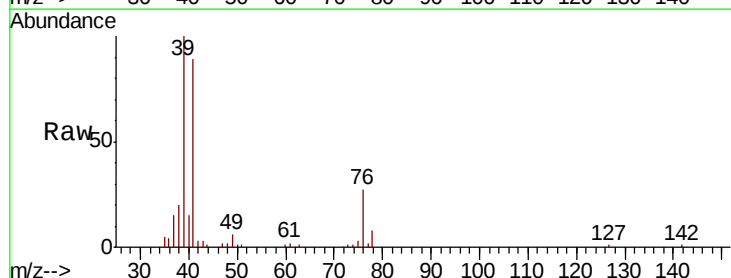
Tgt Ion: 41 Resp: 232965

Ion Ratio Lower Upper

41 100

39 112.4 88.8 133.2

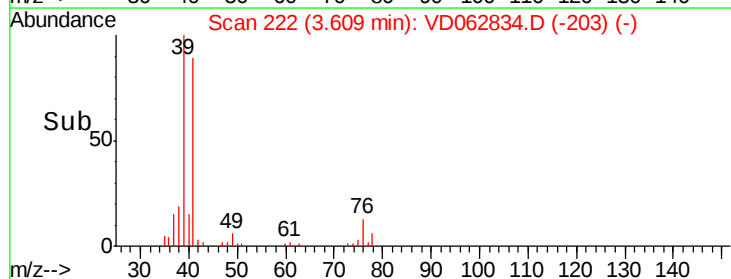
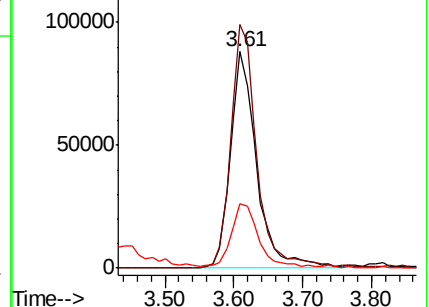
76 29.9 26.7 40.1

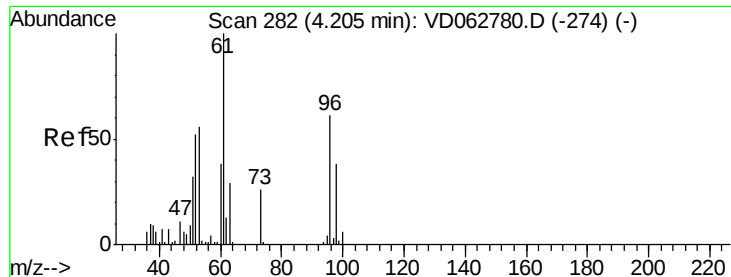


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 109.009 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

VD0624SBSD01

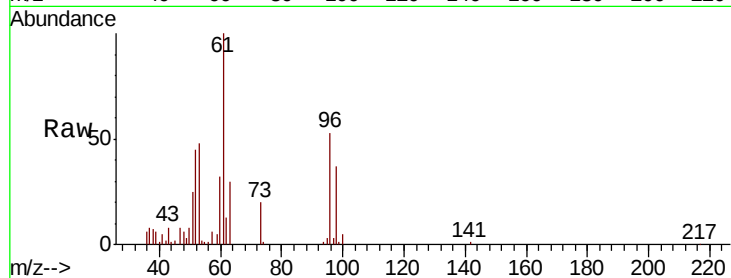
Tot Ion: 53 Resp: 123832

Ion Ratio Lower Upper

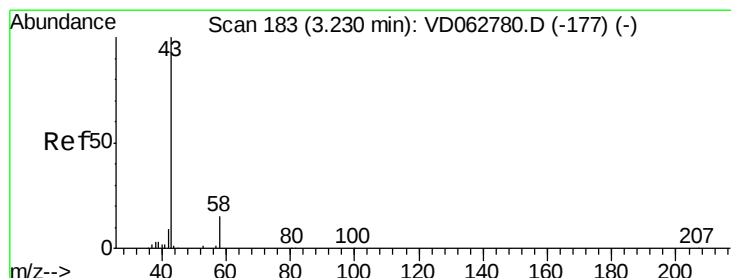
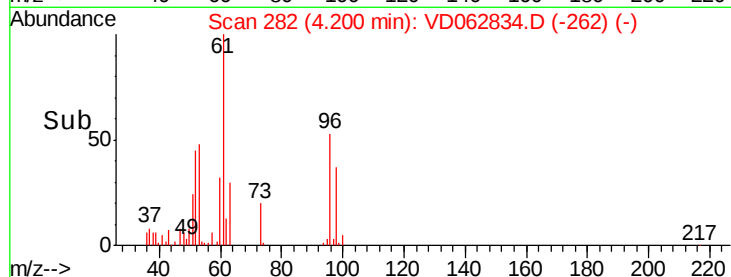
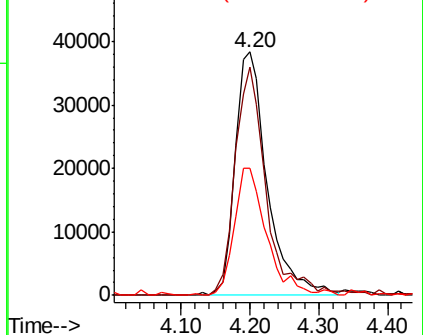
53 100

52 93.9 73.3 109.9

51 52.0 44.8 67.2



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



#16

Acetone

Concen: 95.920 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062834.D

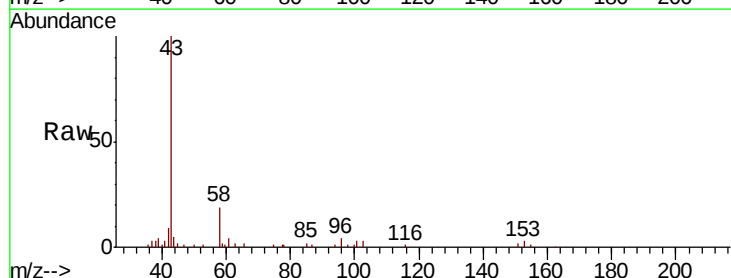
Acq: 24 Jun 2019 12:27

Tgt Ion: 43 Resp: 215760

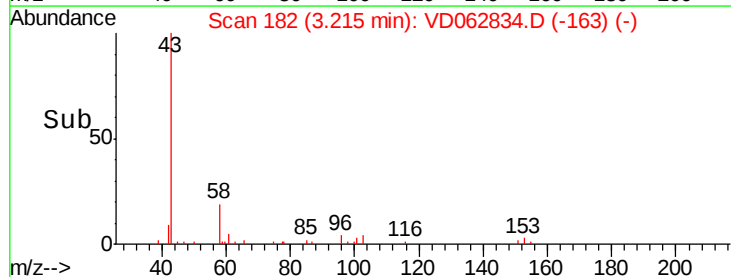
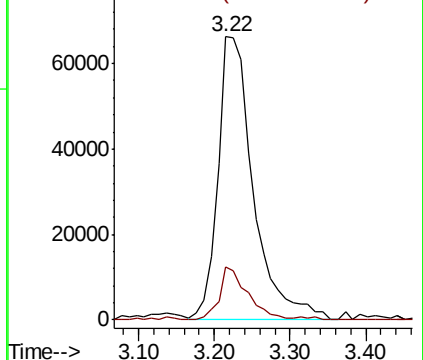
Ion Ratio Lower Upper

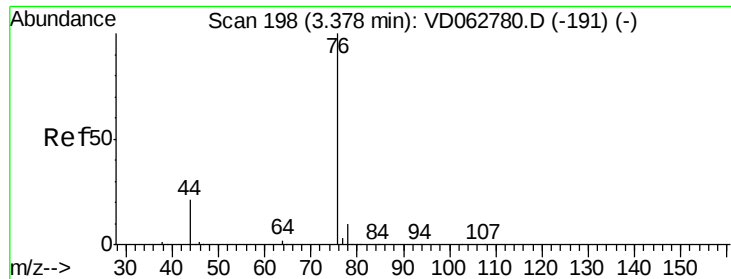
43 100

58 18.7 11.9 17.9#



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

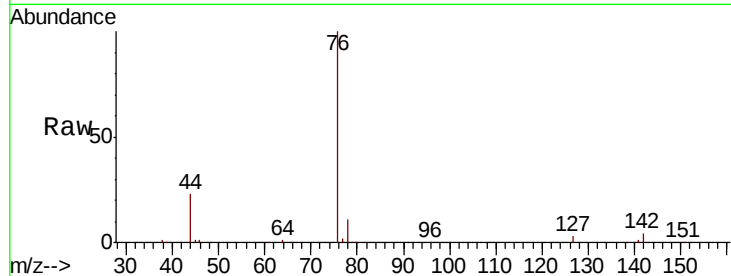




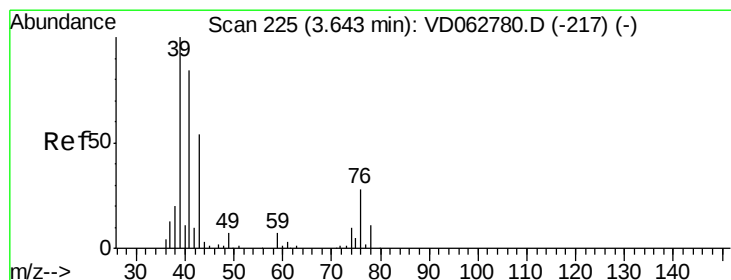
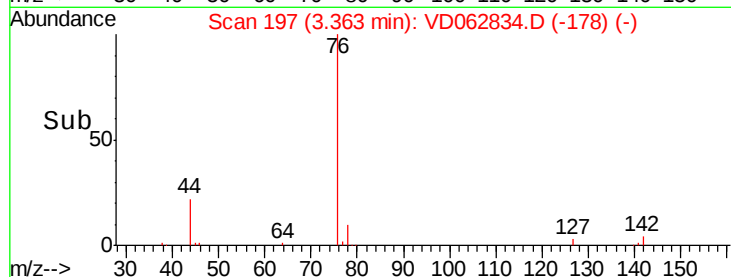
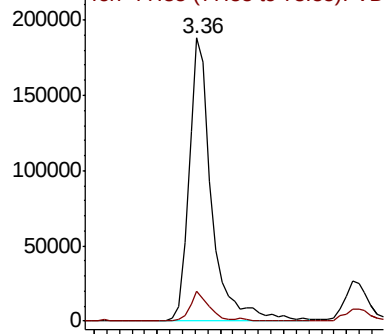
#17  
Carbon Disulfide  
Concen: 19.075 ug/l  
RT: 3.36 min Scan# 197  
Delta R.T. -0.01 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0624SBSD01

Tot Ion: 76 Resp: 472486  
Ion Ratio Lower Upper  
76 100  
78 10.5 8.0 12.0

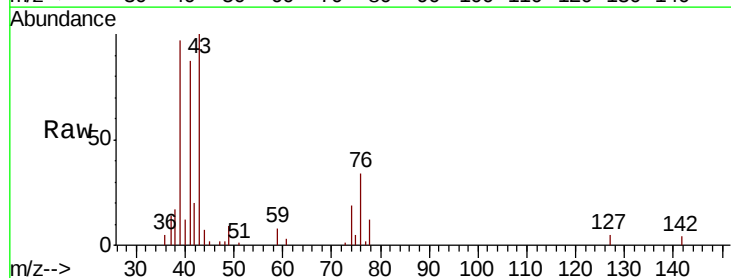


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

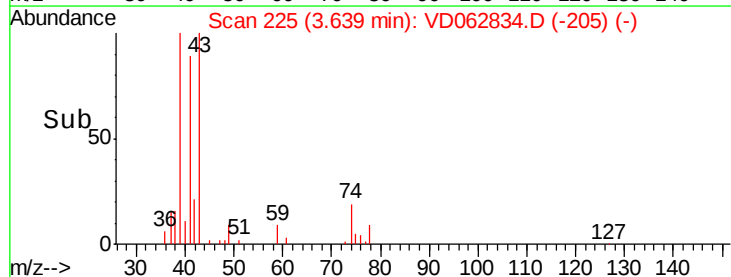
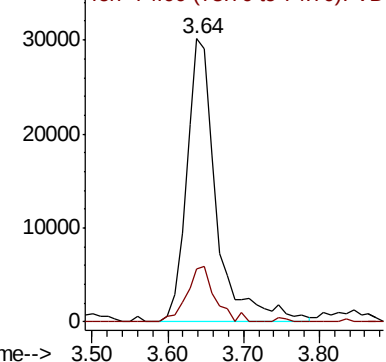


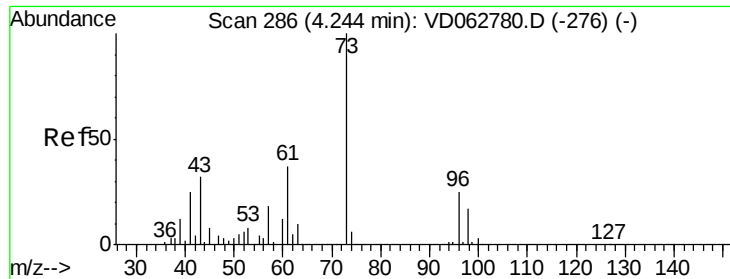
#18  
Methyl Acetate  
Concen: 25.659 ug/l  
RT: 3.64 min Scan# 225  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Tgt Ion: 43 Resp: 82220  
Ion Ratio Lower Upper  
43 100  
74 18.6 15.2 22.8



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 74.00 (73.70 to 74.70): VDC



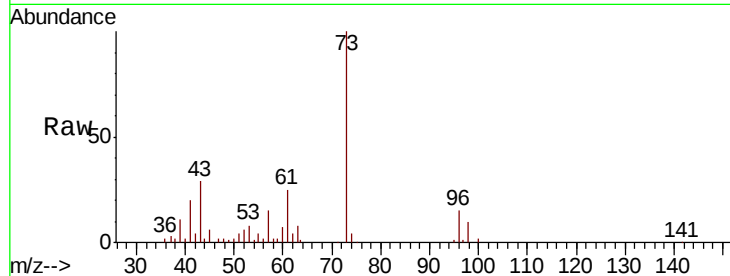


#19

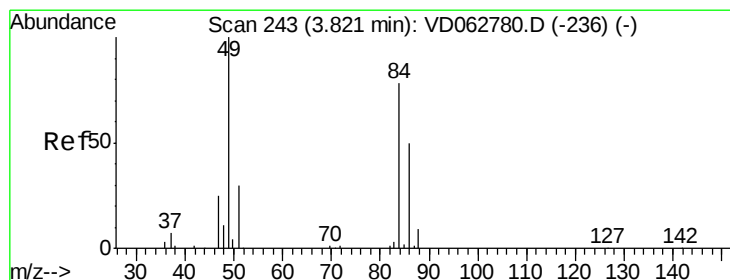
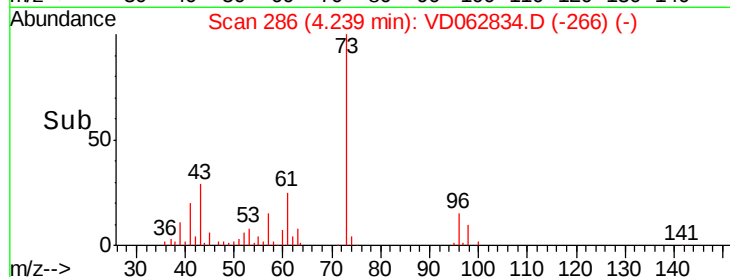
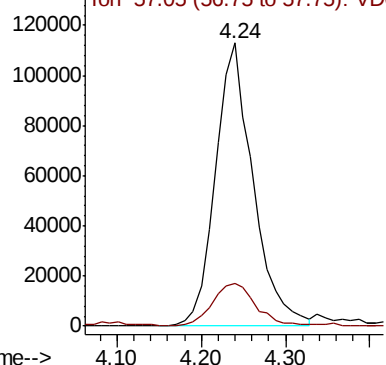
Methyl tert-butyl Ether  
 Concen: 21.026 ug/l  
 RT: 4.24 min Scan# 286  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0624SBS01

Tot Ion: 73 Resp: 352769  
 Ion Ratio Lower Upper  
 73 100  
 57 15.2 14.3 21.5



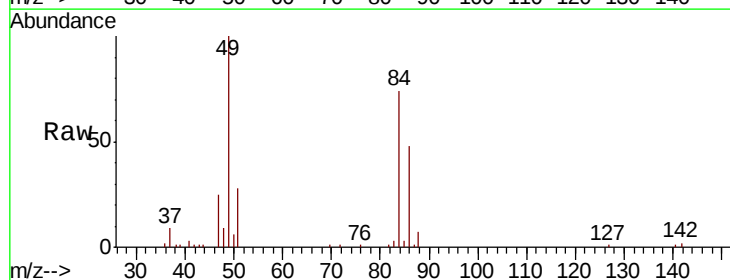
Abundance Ion 73.00 (72.70 to 73.70): VDC  
 Ion 57.05 (56.75 to 57.75): VDC



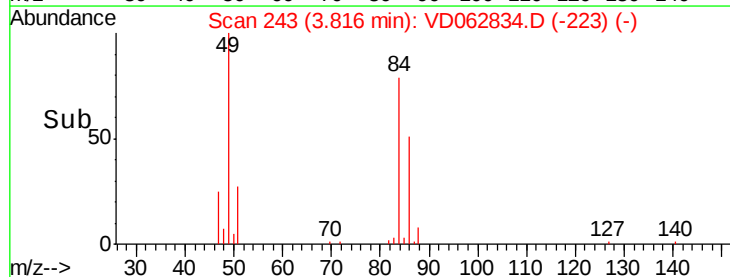
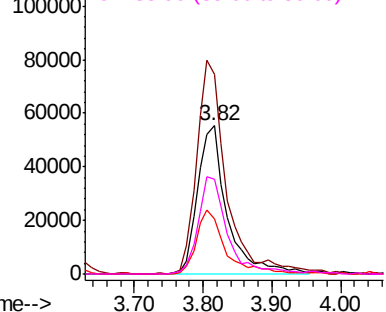
#20

Methylene Chloride  
 Concen: 20.204 ug/l  
 RT: 3.82 min Scan# 243  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Tgt Ion: 84 Resp: 163563  
 Ion Ratio Lower Upper  
 84 100  
 49 135.3 102.9 154.3  
 51 37.4 31.2 46.8  
 86 64.3 51.4 77.2



Abundance Ion 83.95 (83.65 to 84.65): VDC  
 Ion 48.90 (48.60 to 49.60): VDC  
 Ion 50.90 (50.60 to 51.60): VDC  
 Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 20.474 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.01 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

VD0624SBSD01

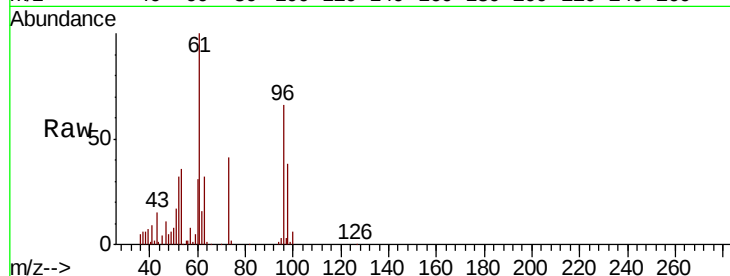
Tot Ion: 96 Resp: 168956

Ion Ratio Lower Upper

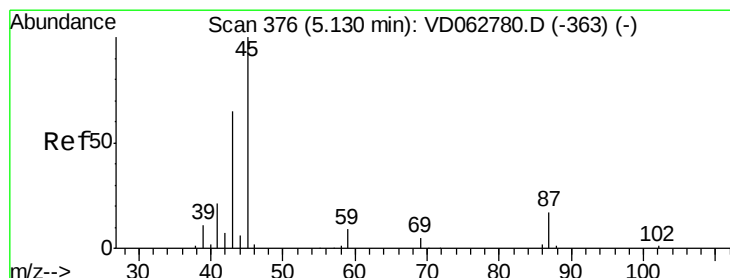
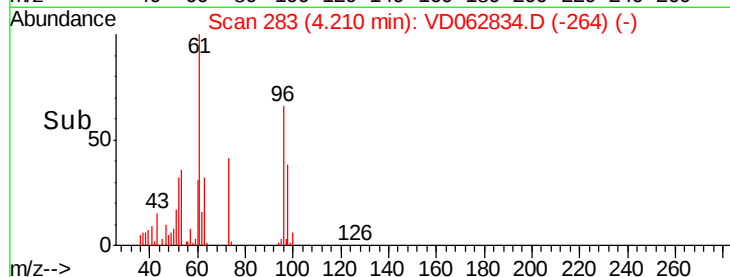
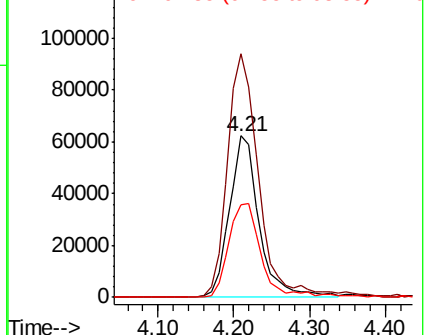
96 100

61 150.8 131.0 196.4

98 57.6 53.2 79.8



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: 21.087 ug/l

RT: 5.13 min Scan# 376

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Tgt Ion: 45 Resp: 491084

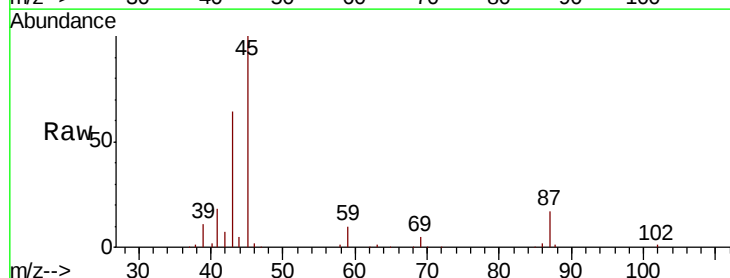
Ion Ratio Lower Upper

45 100

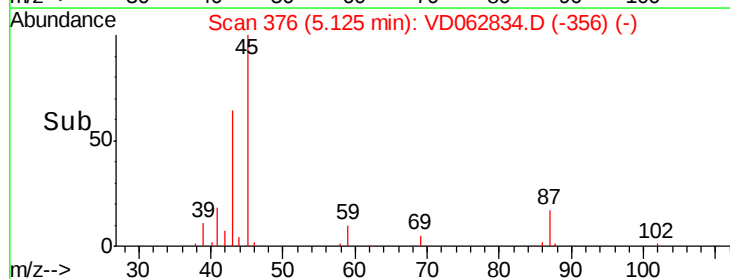
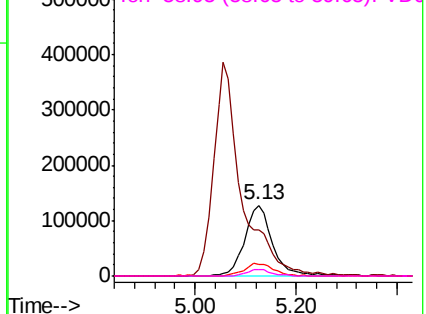
43 64.2 53.4 80.0

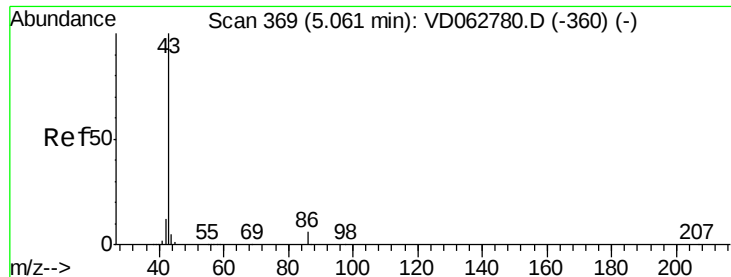
87 16.7 14.6 22.0

59 9.5 7.8 11.8



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: 101.352 ug/l

RT: 5.06 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

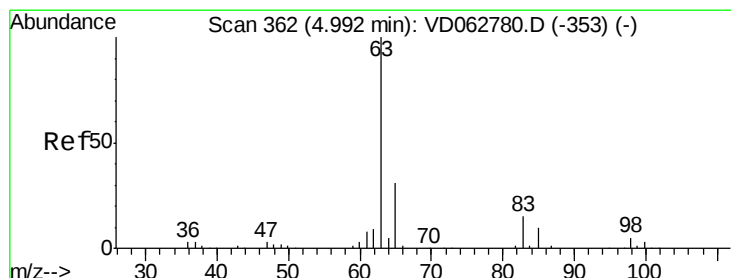
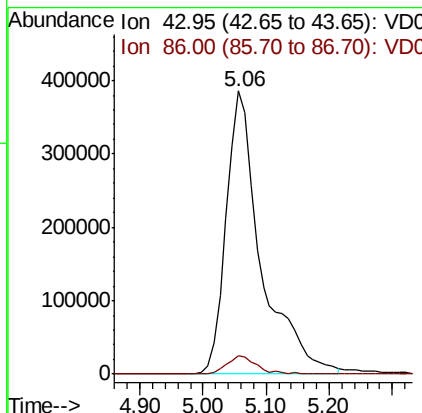
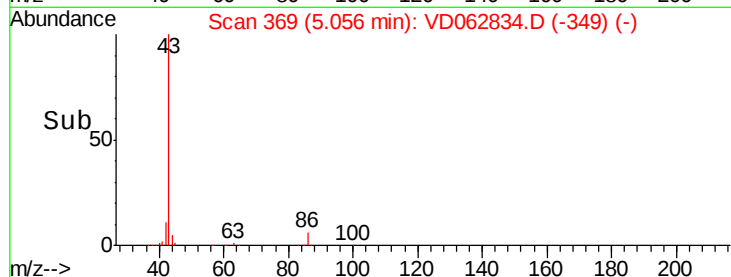
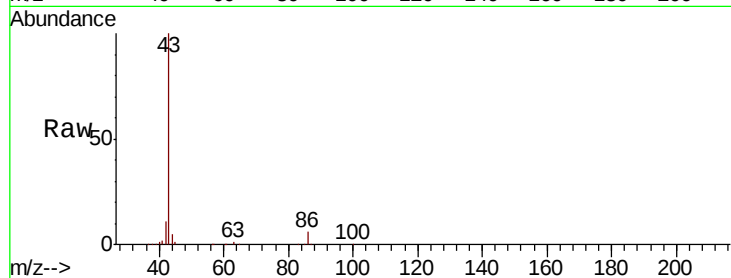
VD0624SBS01

Tot Ion: 43 Resp: 1476982

Ion Ratio Lower Upper

43 100

86 6.4 4.7 7.1



#24

1,1-Dichloroethane

Concen: 19.652 ug/l

RT: 4.98 min Scan# 361

Delta R.T. -0.01 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

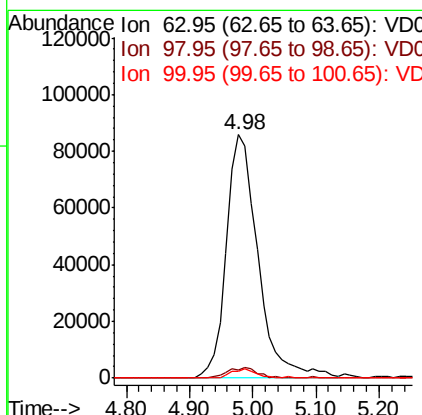
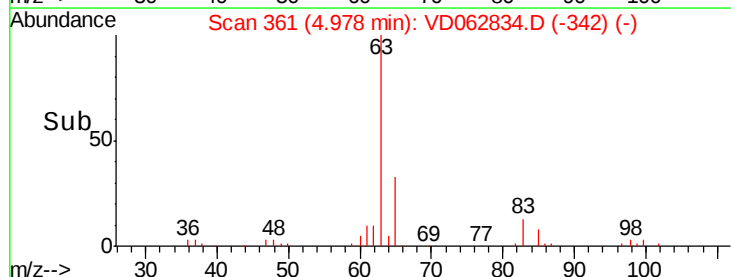
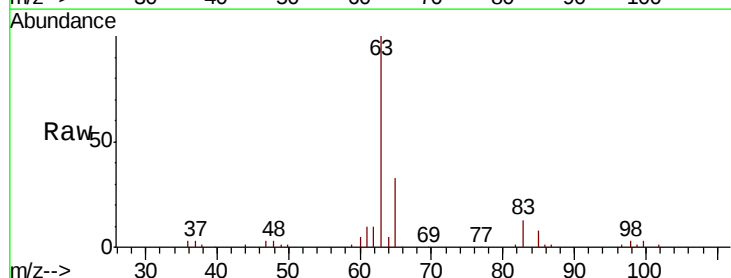
Tgt Ion: 63 Resp: 297988

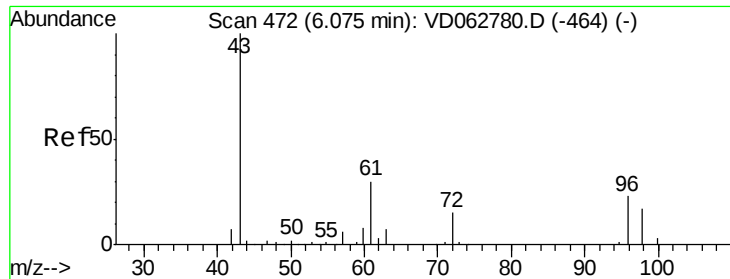
Ion Ratio Lower Upper

63 100

98 3.2 2.3 6.9

100 2.7 1.7 5.1





#25

2-Butanone

Concen: 103.615 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.01 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

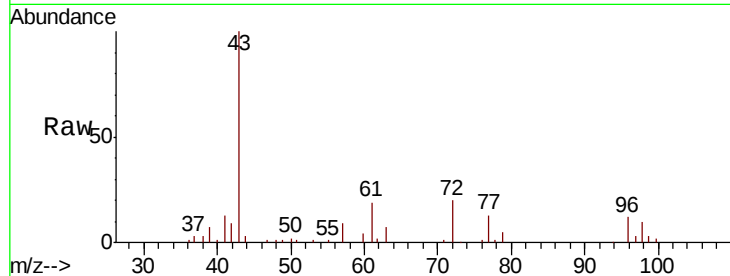
VD0624SBS01

Tot Ion: 43 Resp: 205708

Ion Ratio Lower Upper

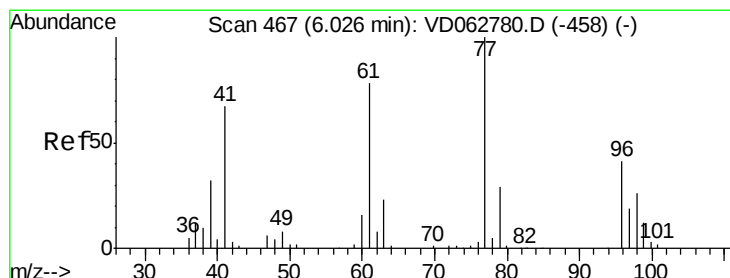
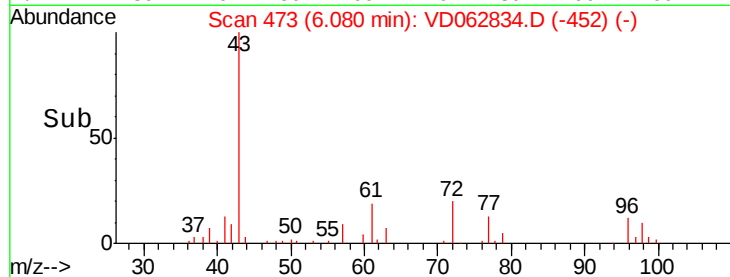
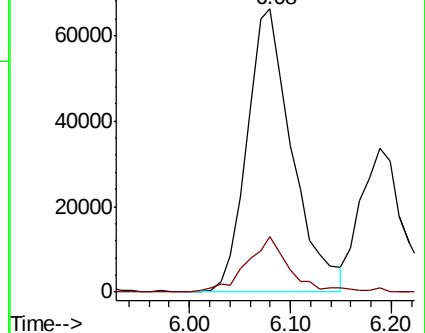
43 100

72 19.8 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.535 ug/l

RT: 6.02 min Scan# 467

Delta R.T. -0.00 min

Lab File: VD062834.D

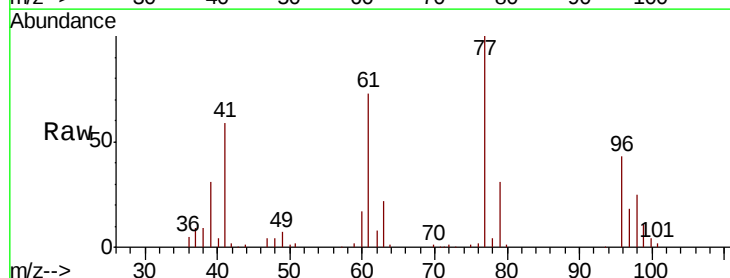
Acq: 24 Jun 2019 12:27

Tgt Ion: 77 Resp: 330029

Ion Ratio Lower Upper

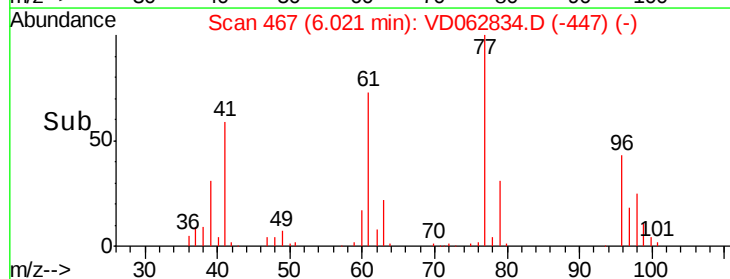
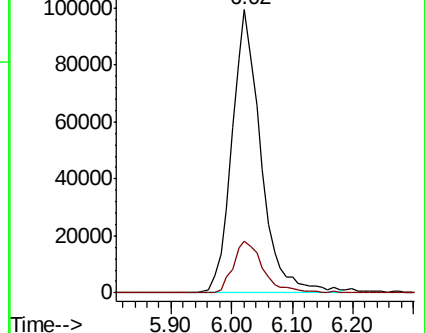
77 100

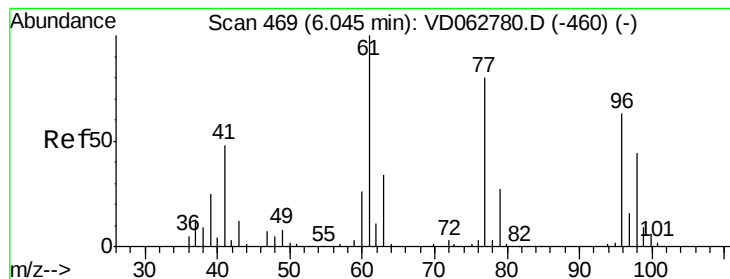
97 18.4 9.5 28.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



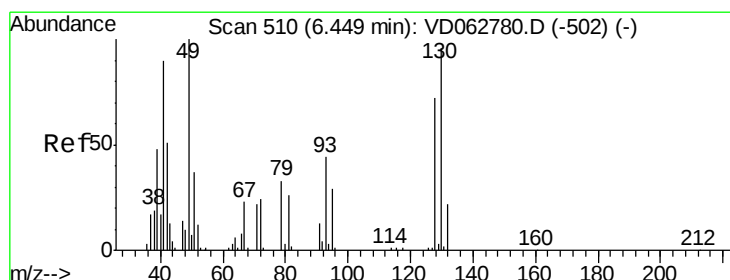
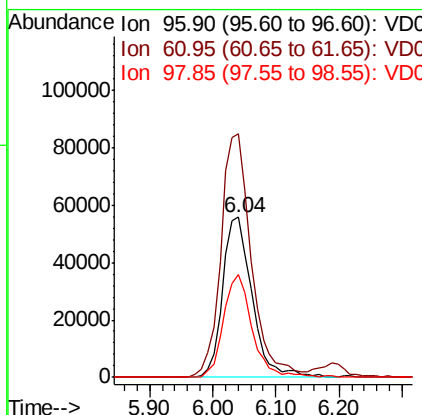
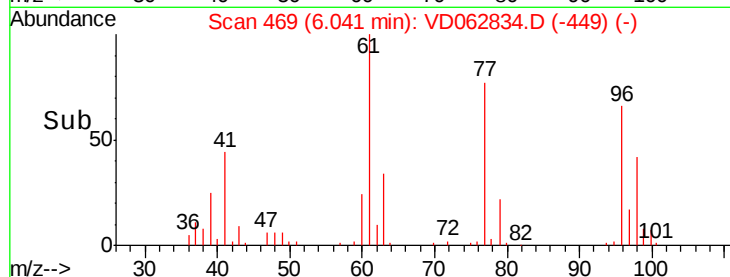
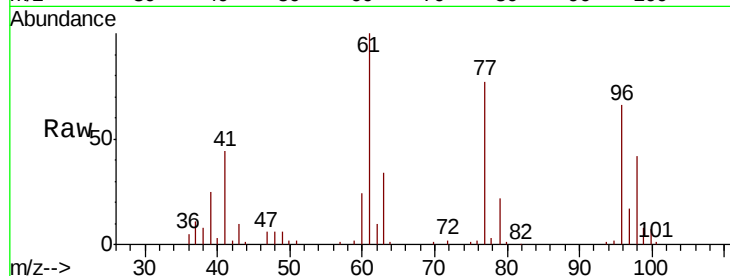


#27

cis-1,2-Dichloroethene  
 Concen: 20.662 ug/l  
 RT: 6.04 min Scan# 469  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0624SBSD01

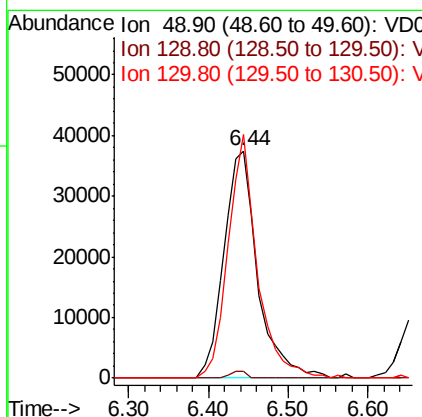
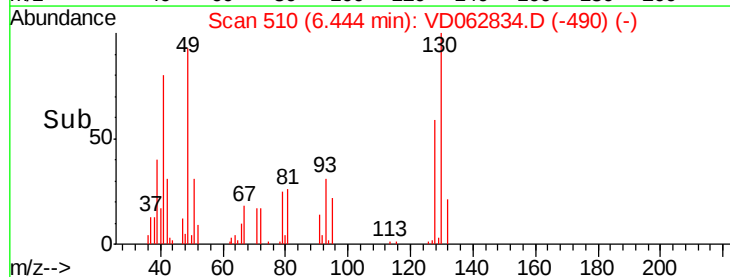
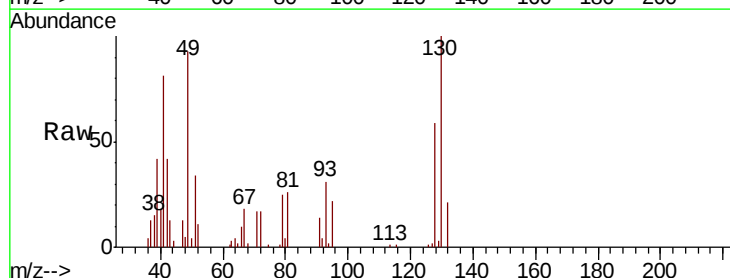
| Tot Ion | 96    | Resp  | 180307 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 152.2 | 0.0   | 316.0  |
| 98      | 63.9  | 0.0   | 138.4  |

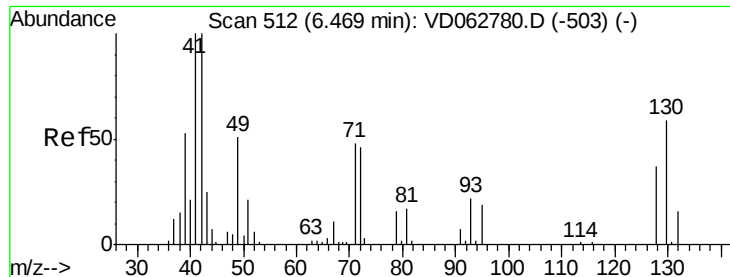


#28

Bromochloromethane  
 Concen: 20.851 ug/l  
 RT: 6.44 min Scan# 510  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

| Tgt Ion | 49    | Resp  | 111354 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 49      | 100   |       |        |
| 129     | 2.9   | 0.0   | 5.6    |
| 130     | 107.1 | 76.6  | 114.8  |





#29

Tetrahydrofuran

Concen: 110.000 ug/l

RT: 6.46 min Scan# 512

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

VD0624SBSD01

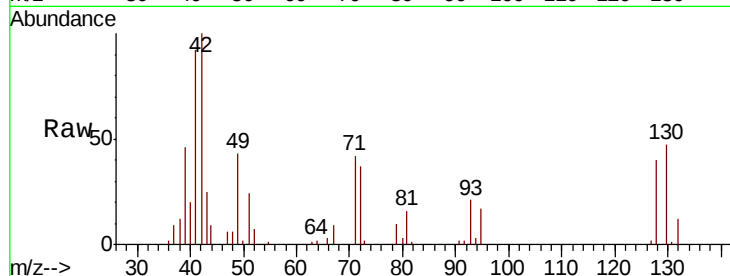
Tot Ion: 42 Resp: 103326

Ion Ratio Lower Upper

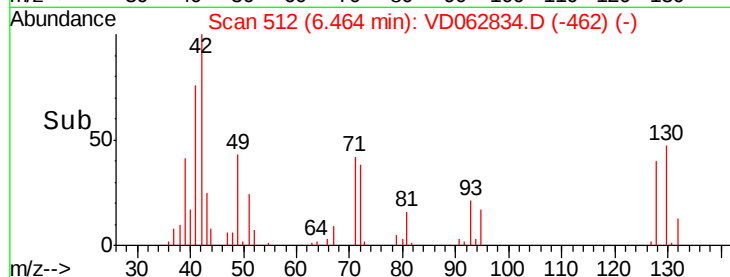
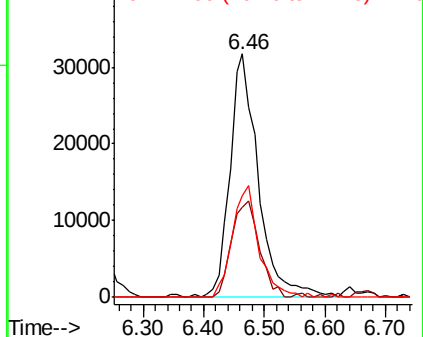
42 100

72 38.5 35.0 52.6

71 42.6 33.3 49.9



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: 19.837 ug/l

RT: 6.67 min Scan# 533

Delta R.T. -0.00 min

Lab File: VD062834.D

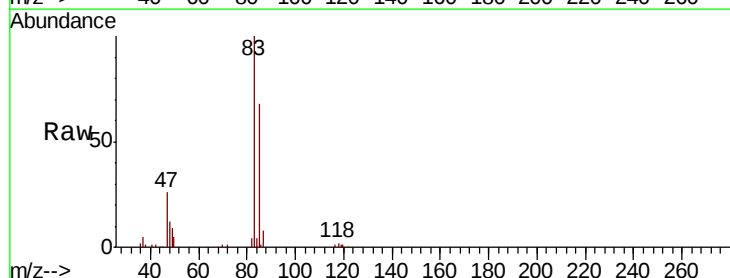
Acq: 24 Jun 2019 12:27

Tgt Ion: 83 Resp: 365799

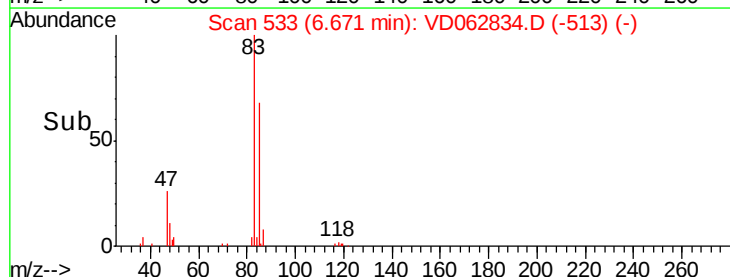
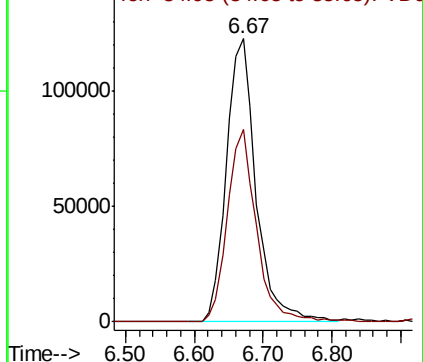
Ion Ratio Lower Upper

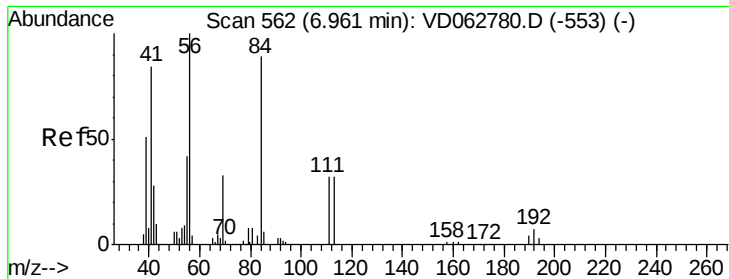
83 100

85 68.0 49.8 74.6



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

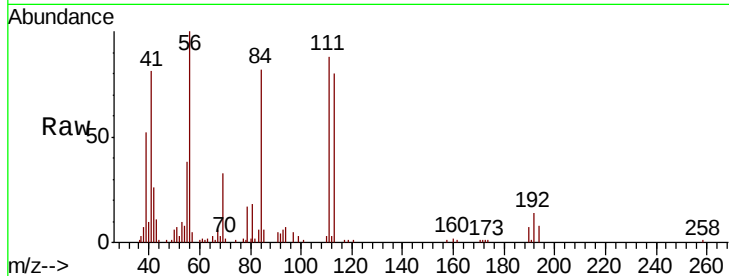




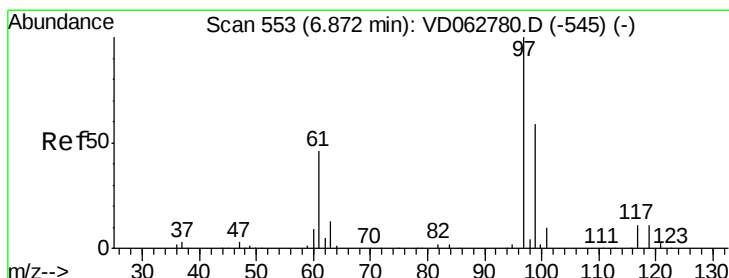
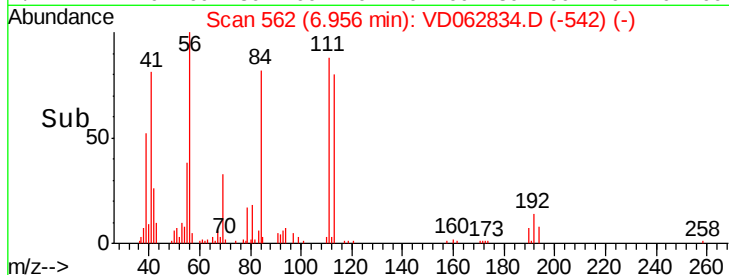
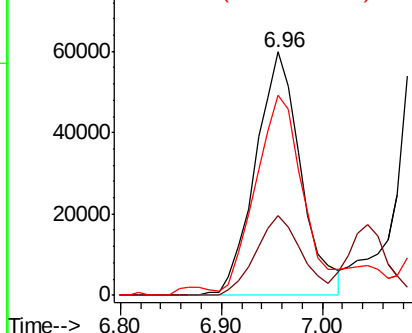
#31  
Cyclohexane  
Concen: 18.729 ug/l  
RT: 6.96 min Scan# 562  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0624SBSD01

Tot Ion: 56 Resp: 186690  
Ion Ratio Lower Upper  
56 100  
69 32.6 26.6 39.8  
84 82.3 75.5 113.3

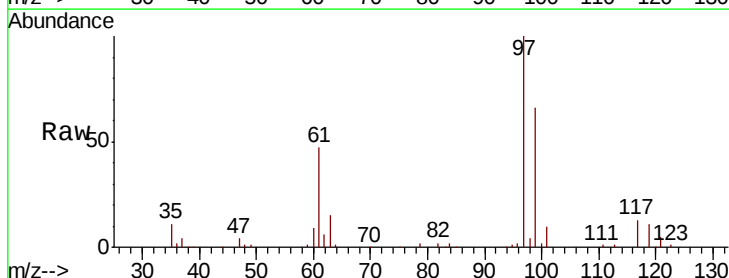


Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC

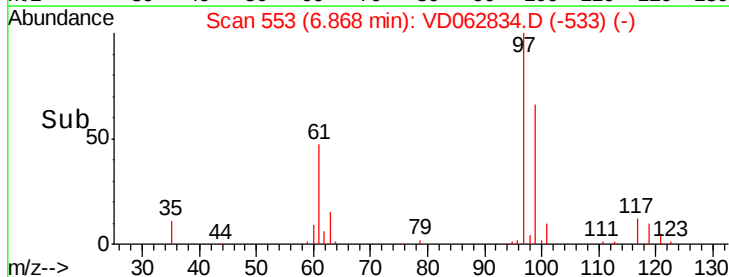
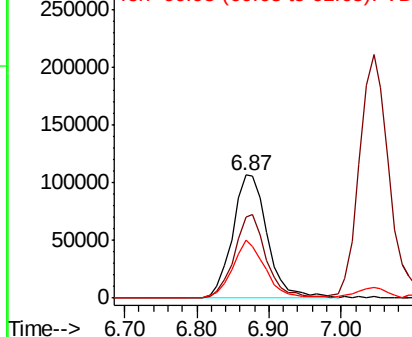


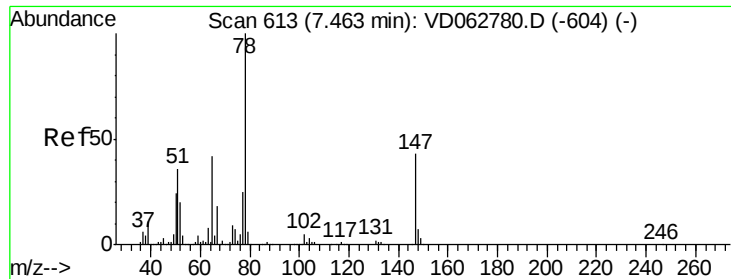
#32  
1,1,1-Trichloroethane  
Concen: 18.665 ug/l  
RT: 6.87 min Scan# 553  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Tgt Ion: 97 Resp: 358495  
Ion Ratio Lower Upper  
97 100  
99 65.9 47.4 71.2  
61 46.8 37.2 55.8



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: 46.935 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

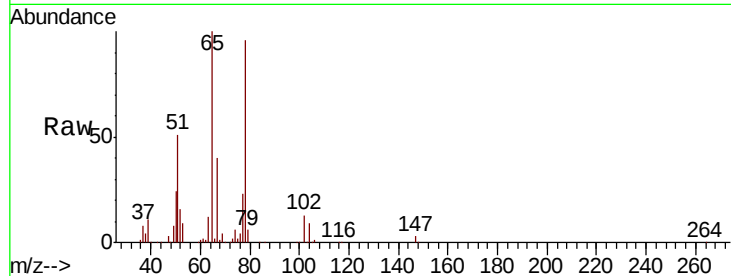
VD0624SBSD01

Tot Ion: 65 Resp: 498216

Ion Ratio Lower Upper

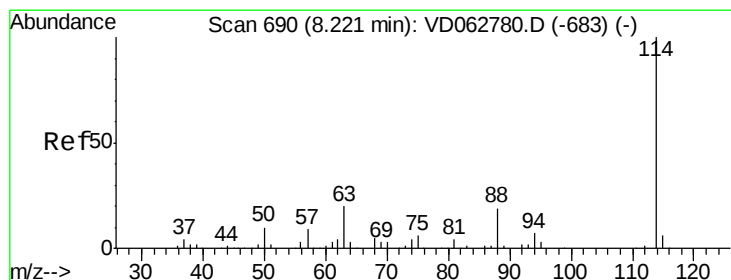
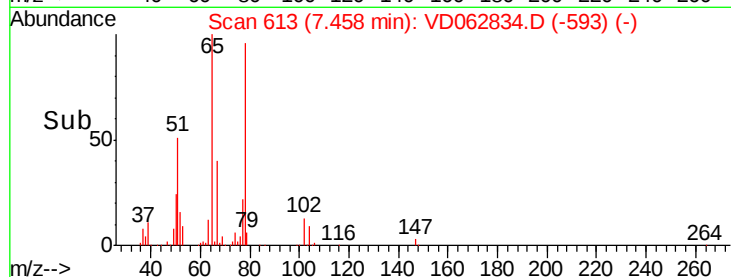
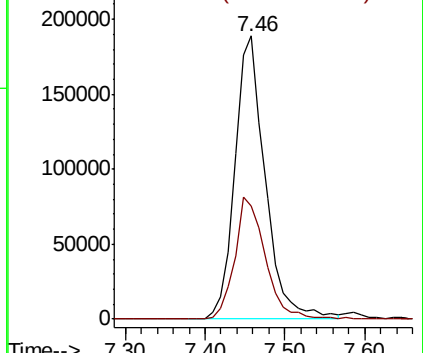
65 100

67 40.1 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

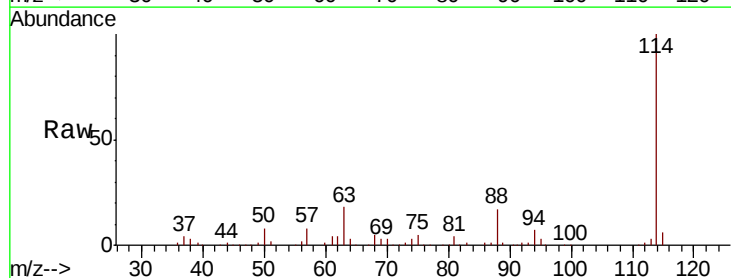
Tgt Ion: 114 Resp: 1245824

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

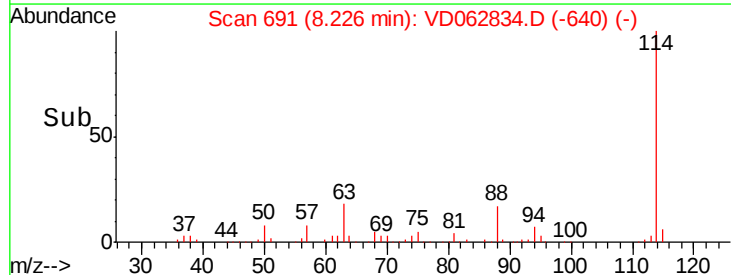
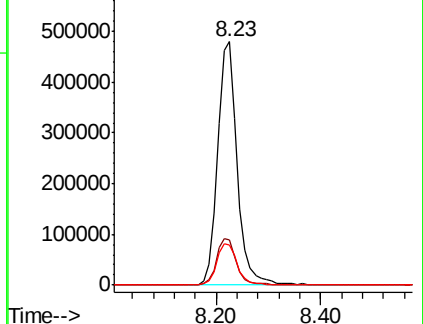
88 16.5 0.0 38.8

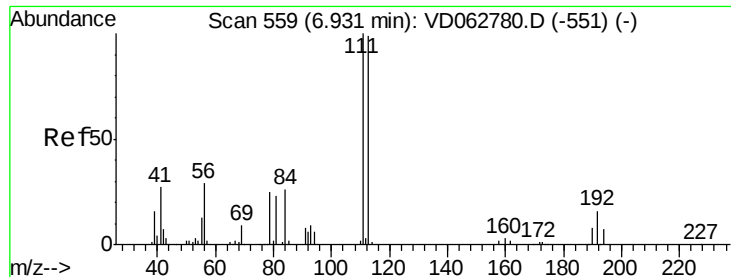


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

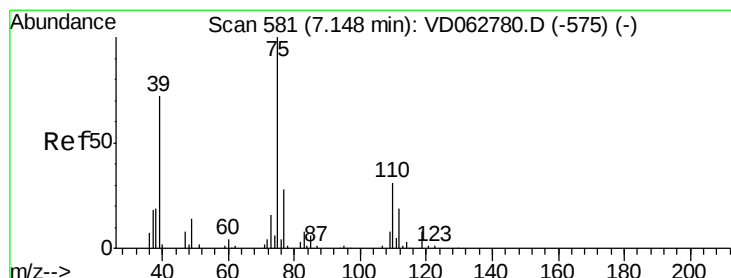
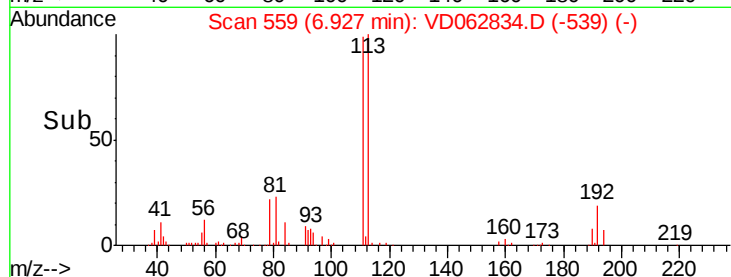
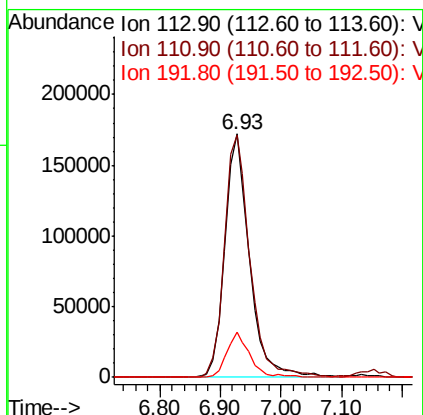
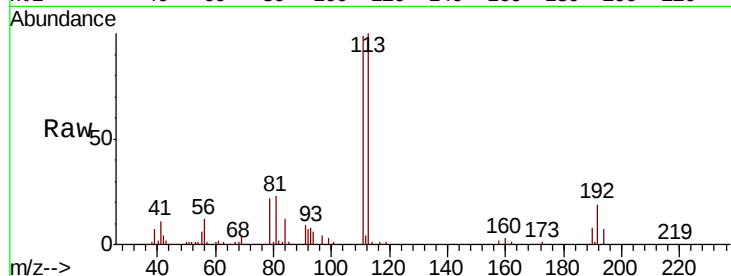




#35  
 Dibromofluoromethane  
 Concen: 46.219 ug/l  
 RT: 6.93 min Scan# 559  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

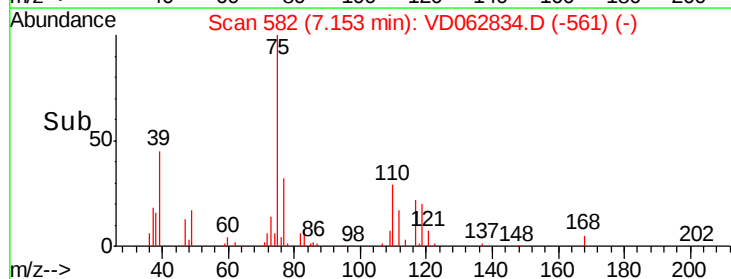
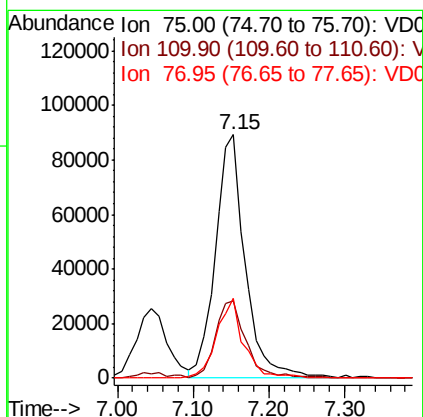
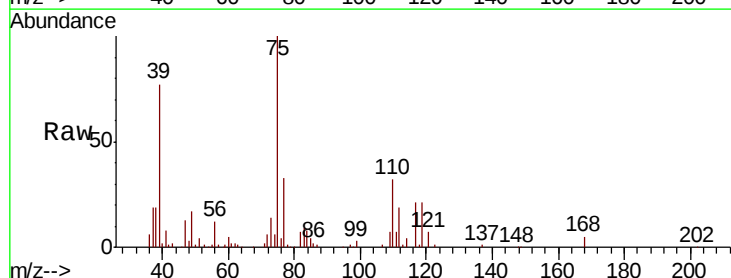
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0624SBSD01

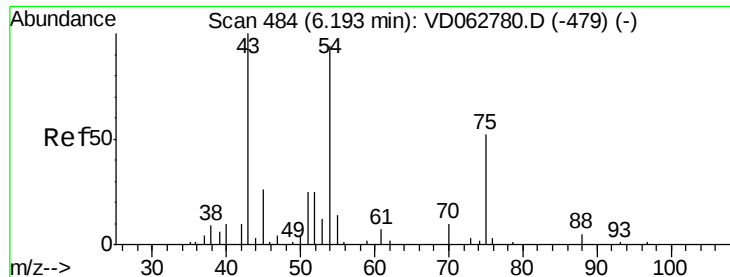
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 99.5  | 81.2  | 121.8 |
| 192     | 18.6  | 12.9  | 19.3  |



#36  
 1,1-Dichloropropene  
 Concen: 20.602 ug/l  
 RT: 7.15 min Scan# 582  
 Delta R.T. 0.01 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 32.0  | 15.0  | 45.1  |
| 77      | 32.9  | 22.2  | 33.2  |

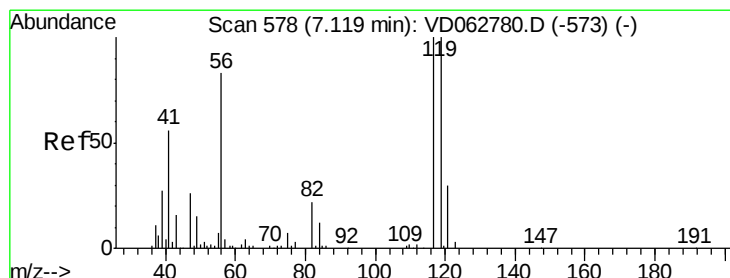
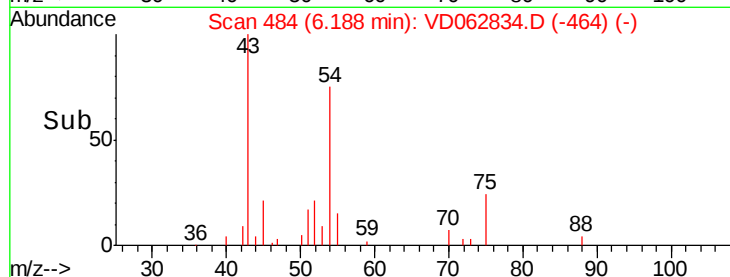
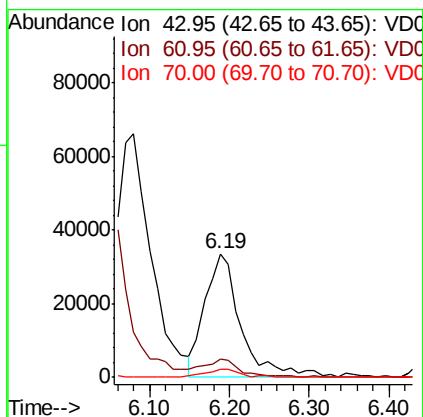
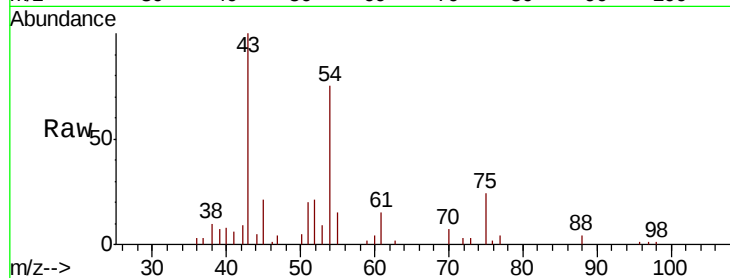




#37  
Ethyl Acetate  
Concen: 20.751 ug/l  
RT: 6.19 min Scan# 484  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

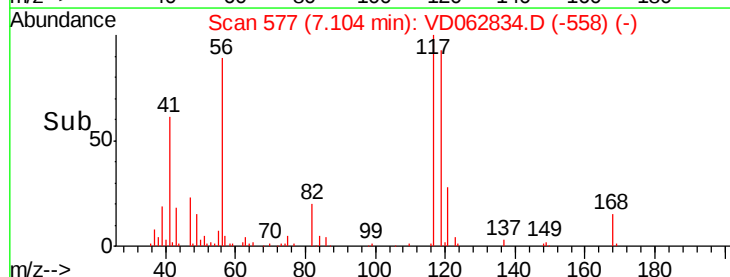
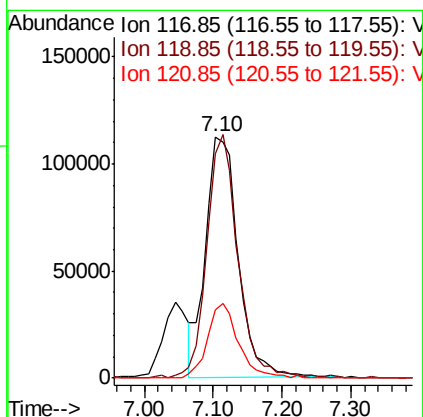
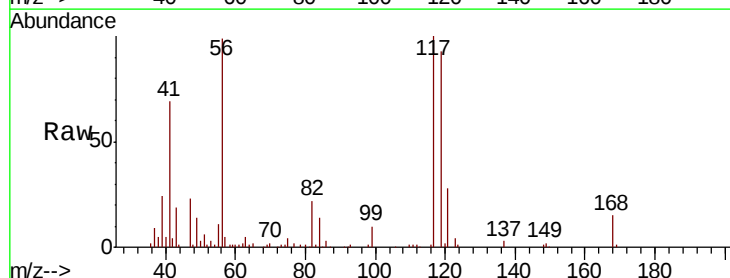
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0624SBSD01

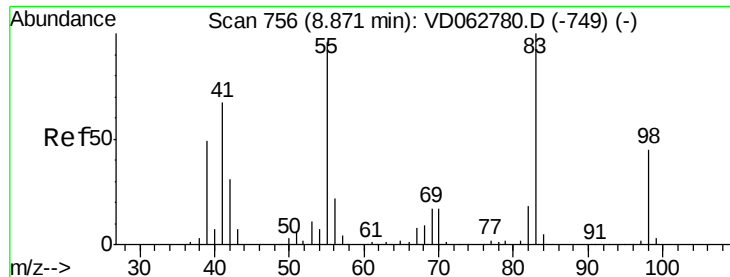
Tot Ion: 43 Resp: 105992  
Ion Ratio Lower Upper  
43 100  
61 14.9 11.6 17.4  
70 7.0 6.4 9.6



#38  
Carbon Tetrachloride  
Concen: 20.768 ug/l  
RT: 7.10 min Scan# 577  
Delta R.T. -0.01 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Tgt Ion: 117 Resp: 368352  
Ion Ratio Lower Upper  
117 100  
119 93.0 75.4 113.2  
121 28.4 22.3 33.5

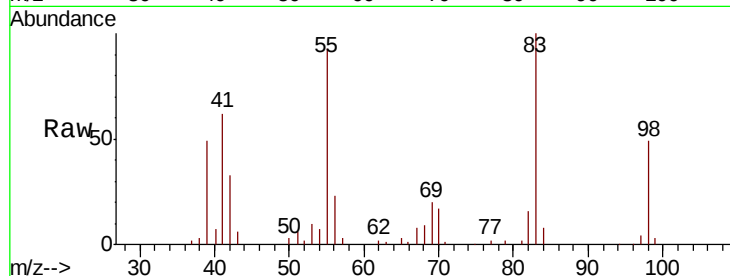




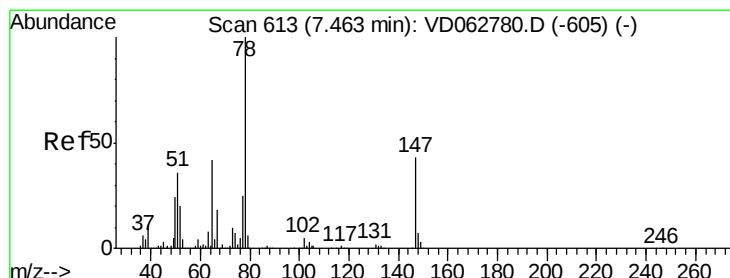
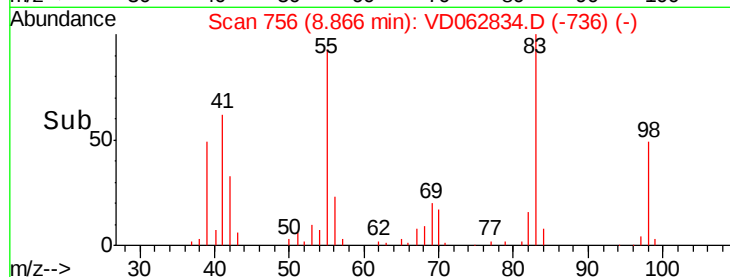
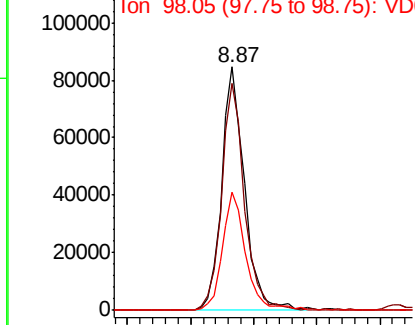
#39  
Methvlcvclohexane  
Concen: 20.565 ug/l  
RT: 8.87 min Scan# 756  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0624SBSD01

Tot Ion: 83 Resp: 213485  
Ion Ratio Lower Upper  
83 100  
55 93.4 76.6 115.0  
98 48.7 35.7 53.5

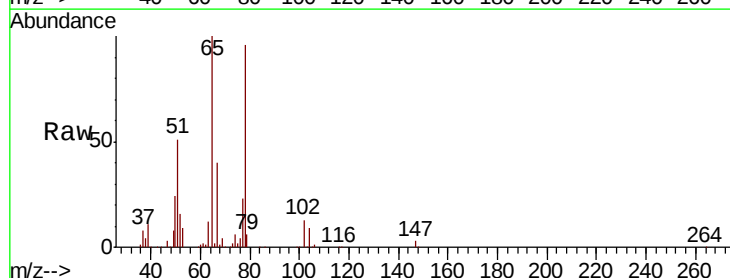


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

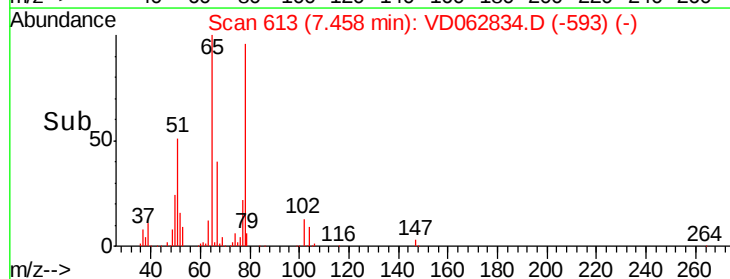
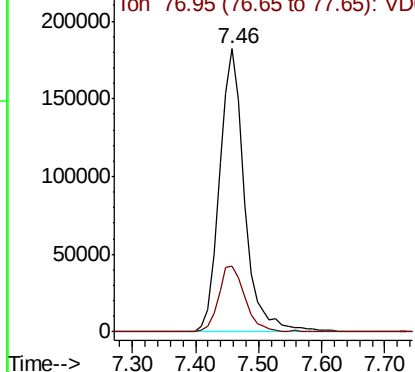


#40  
Benzene  
Concen: 21.195 ug/l  
RT: 7.46 min Scan# 613  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Tgt Ion: 78 Resp: 501759  
Ion Ratio Lower Upper  
78 100  
77 23.5 20.2 30.2



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

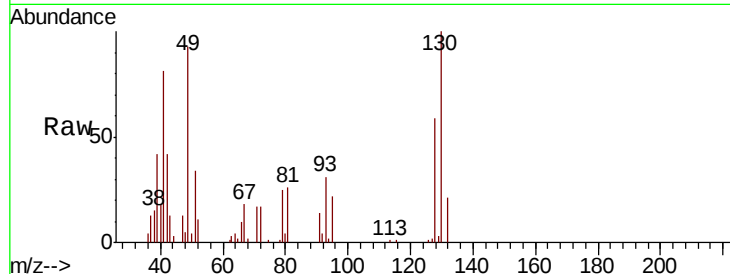




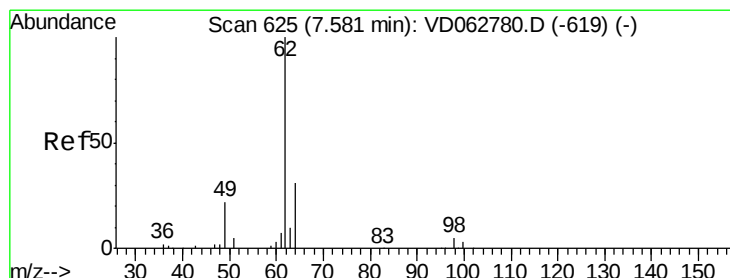
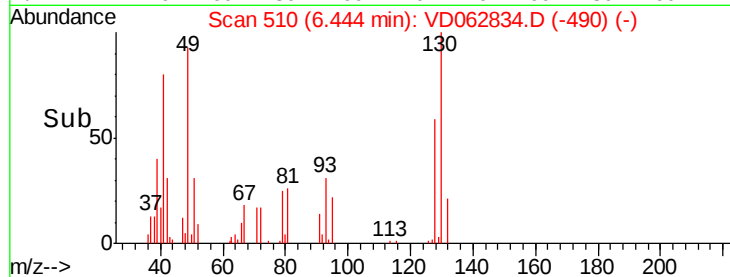
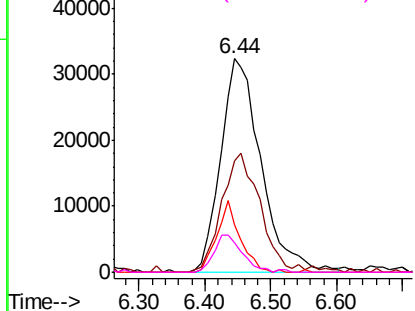
#41  
Methacrylonitrile  
Concen: 22.246 ug/l  
RT: 6.44 min Scan# 510  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0624SBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 138357 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 51.9  | 43.2  | 64.8   |
| 67       | 22.4  | 19.9  | 29.9   |
| 52       | 13.9  | 10.2  | 15.4   |

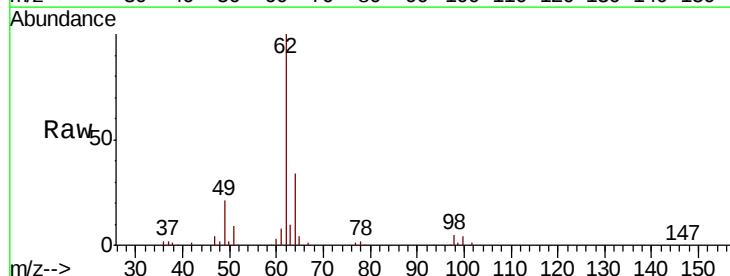


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

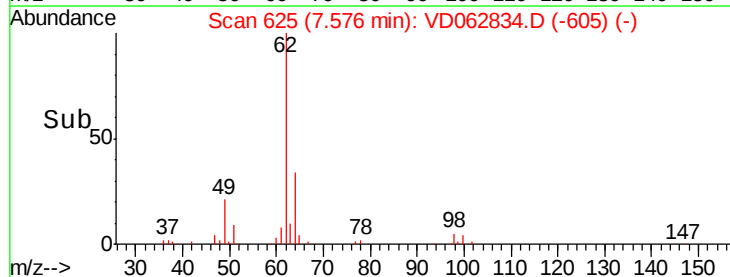
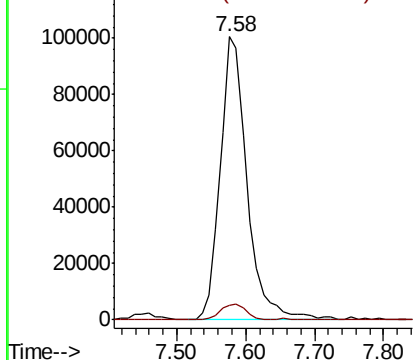


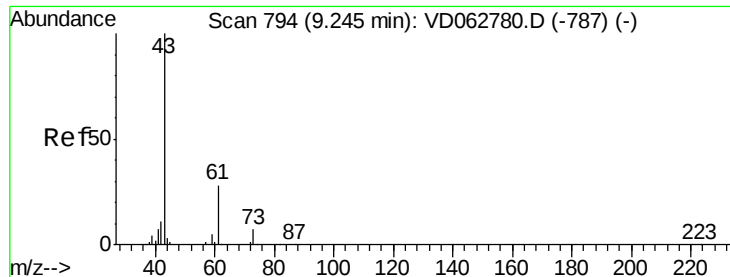
#42  
1,2-Dichloroethane  
Concen: 20.954 ug/l  
RT: 7.58 min Scan# 625  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 270602 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 5.2   | 0.0   | 10.0   |



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



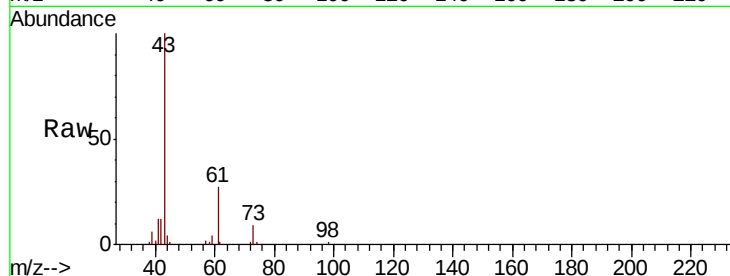


#43

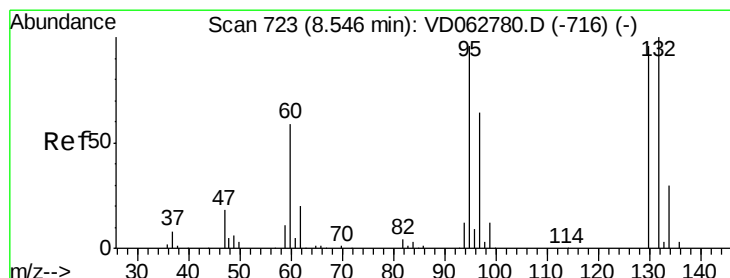
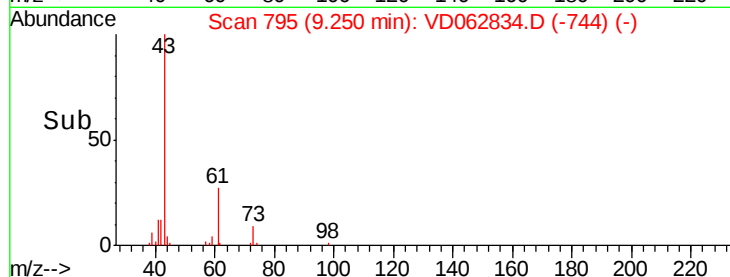
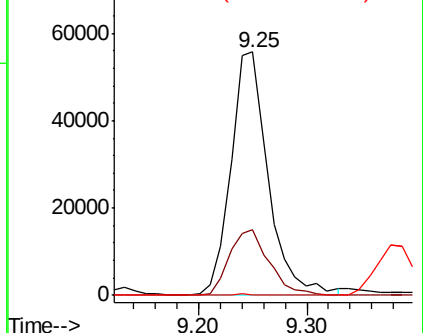
Isopropyl Acetate  
 Concen: 21.661 ug/l  
 RT: 9.25 min Scan# 795  
 Delta R.T. 0.01 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0624SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 27.2  | 22.4  | 33.6  |
| 87      | 0.0   | 0.3   | 0.5   |



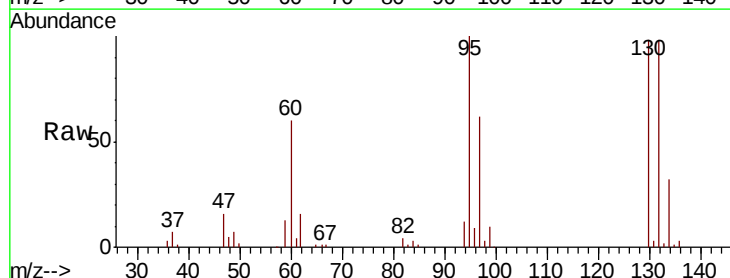
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



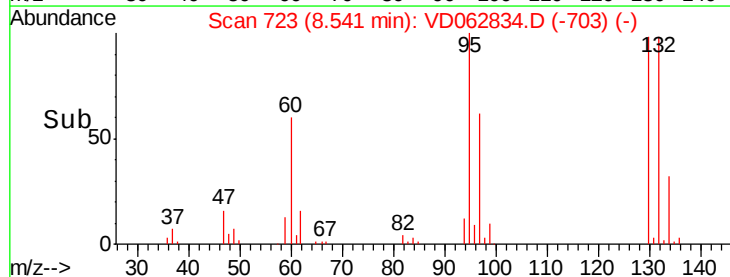
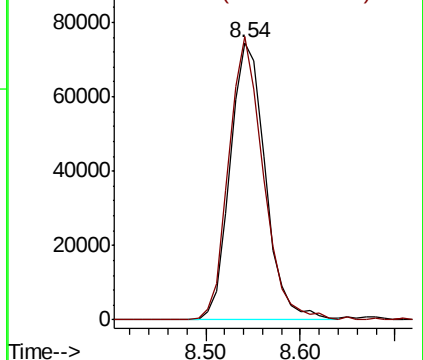
#44

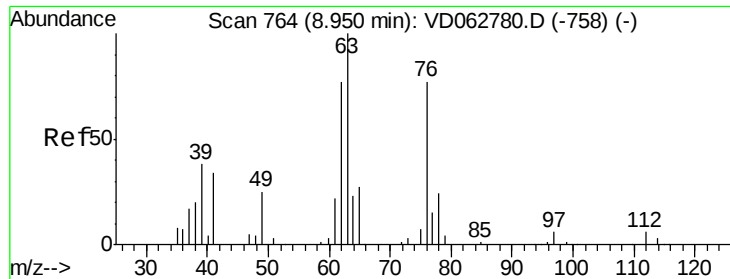
Trichloroethene  
 Concen: 20.658 ug/l  
 RT: 8.54 min Scan# 723  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 102.0 | 0.0   | 201.6 |



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





#45

1,2-Dichloropropane

Concen: 20.150 ug/l

RT: 8.94 min Scan# 764

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

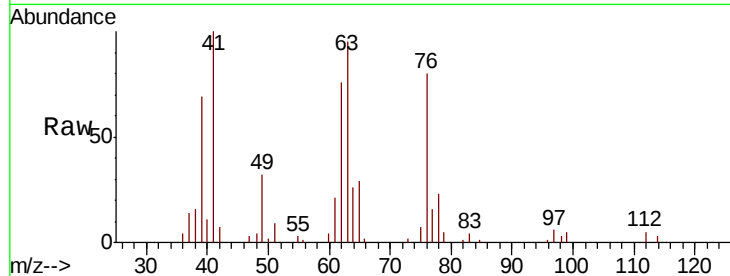
VD0624SBSD01

Tot Ion: 63 Resp: 118615

Ion Ratio Lower Upper

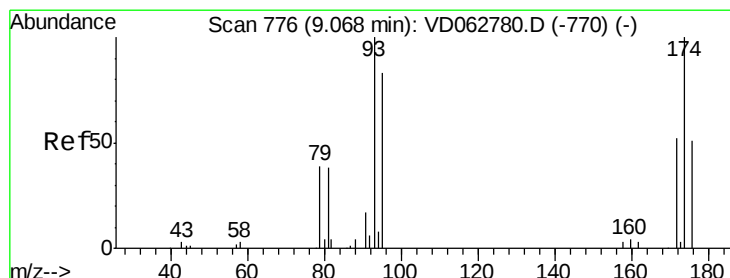
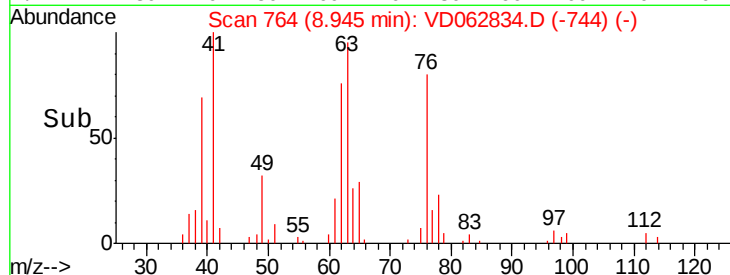
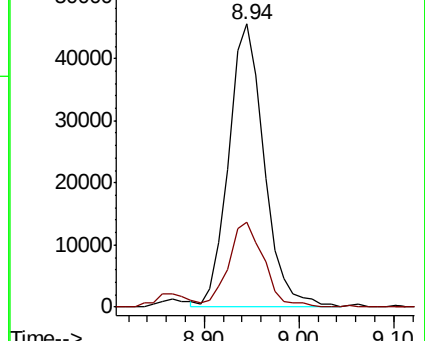
63 100

65 30.2 24.2 36.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 20.800 ug/l

RT: 9.06 min Scan# 776

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

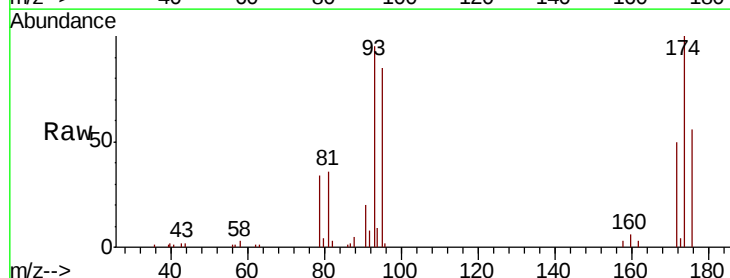
Tgt Ion: 93 Resp: 105175

Ion Ratio Lower Upper

93 100

95 89.1 66.6 100.0

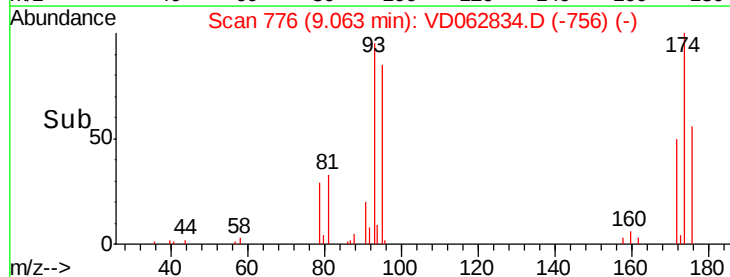
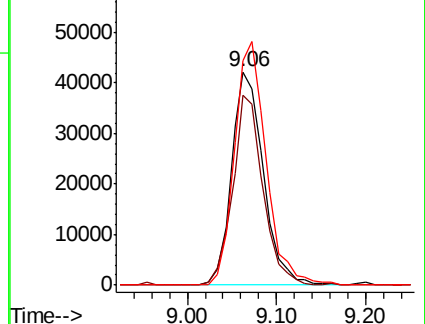
174 105.3 79.7 119.5

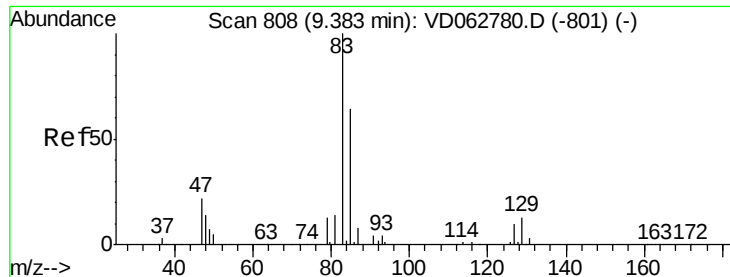


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 21.941 ug/l

RT: 9.38 min Scan# 808

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

VD0624SBSD01

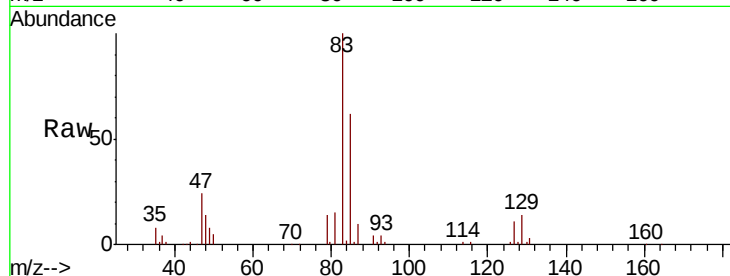
Tot Ion: 83 Resp: 288140

Ion Ratio Lower Upper

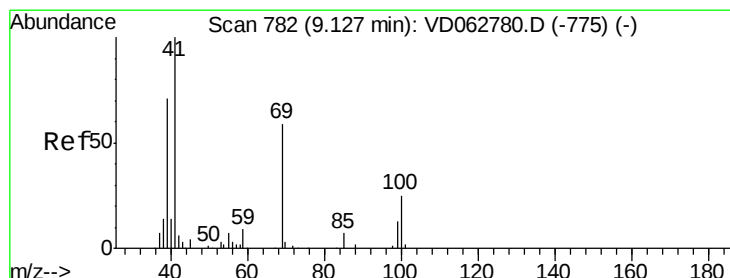
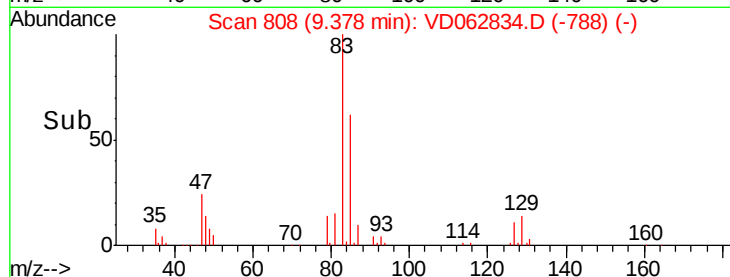
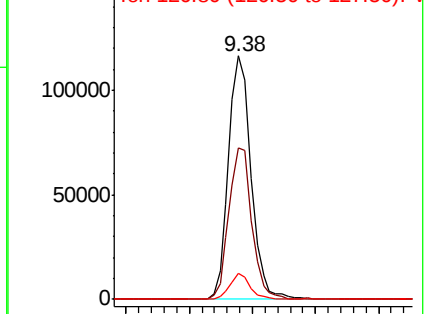
83 100

85 62.1 51.6 77.4

127 10.8 7.8 11.6



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



#48

Methyl methacrylate

Concen: 21.332 ug/l

RT: 9.13 min Scan# 783

Delta R.T. 0.01 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

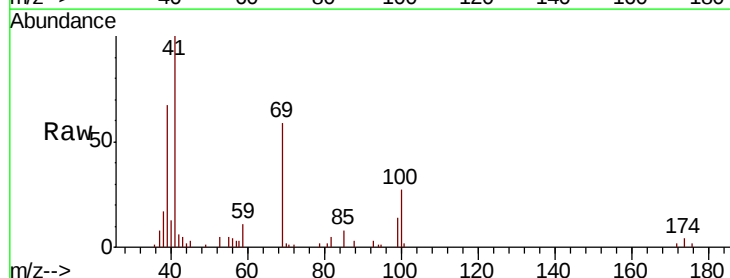
Tgt Ion: 41 Resp: 93730

Ion Ratio Lower Upper

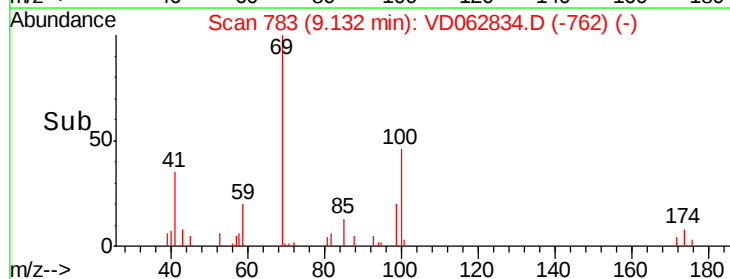
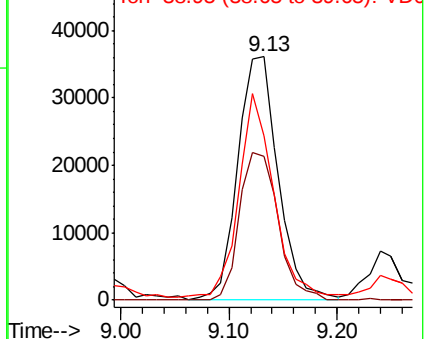
41 100

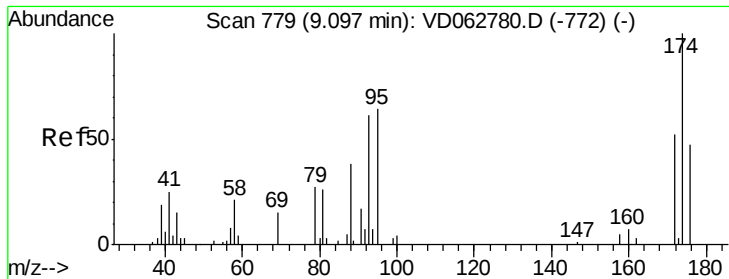
69 59.3 47.2 70.8

39 67.5 57.4 86.2



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

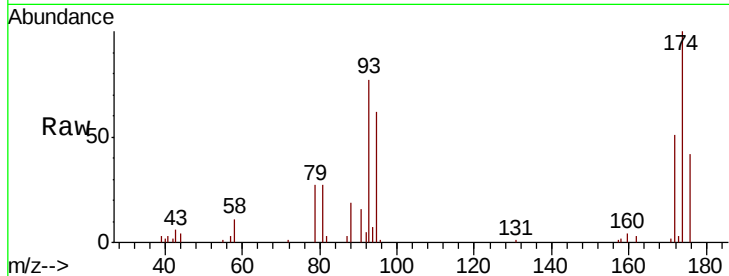




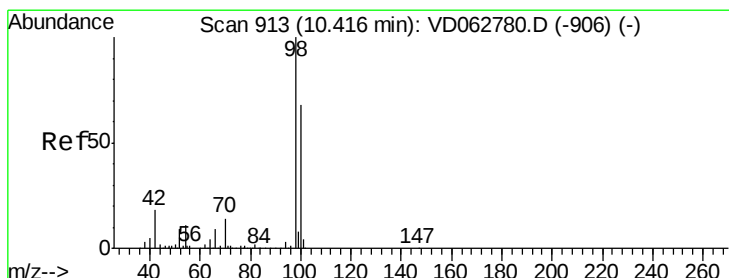
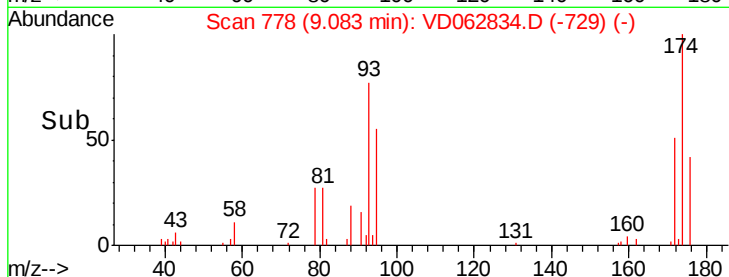
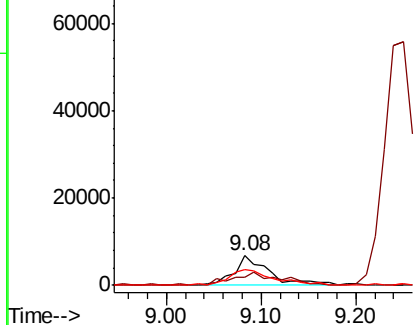
#49  
1,4-Dioxane  
Concen: 482.674 ug/l  
RT: 9.08 min Scan# 778  
Delta R.T. -0.01 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0624SBSD01

Tot Ion: 88 Resp: 17644  
Ion Ratio Lower Upper  
88 100  
43 29.0 32.1 48.1#  
58 54.3 44.1 66.1

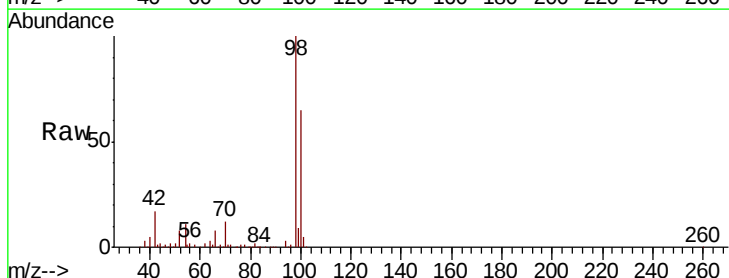


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

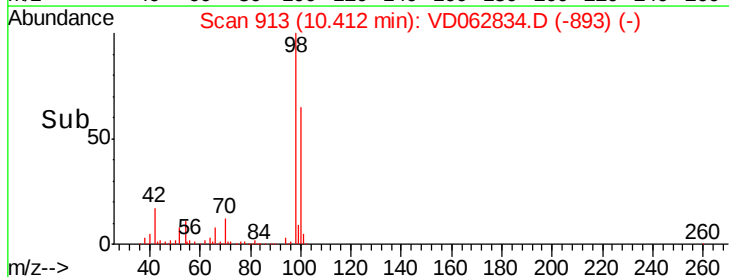
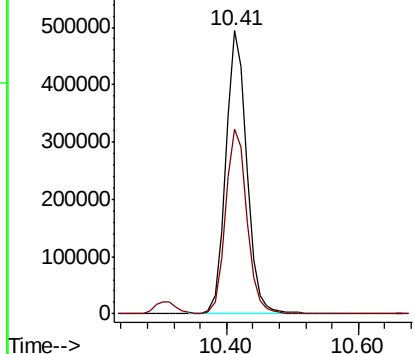


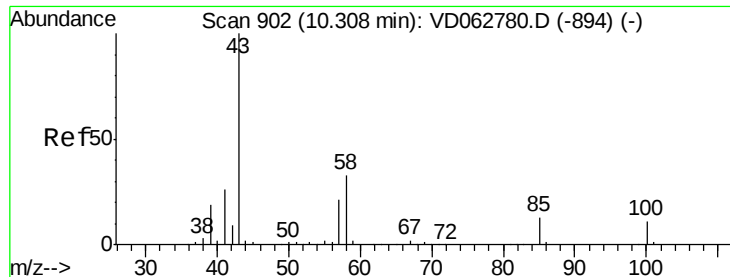
#50  
Toluene-d8  
Concen: 48.302 ug/l  
RT: 10.41 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Tgt Ion: 98 Resp: 1104332  
Ion Ratio Lower Upper  
98 100  
100 65.5 54.7 82.1



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: 110.509 ug/l

RT: 10.30 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

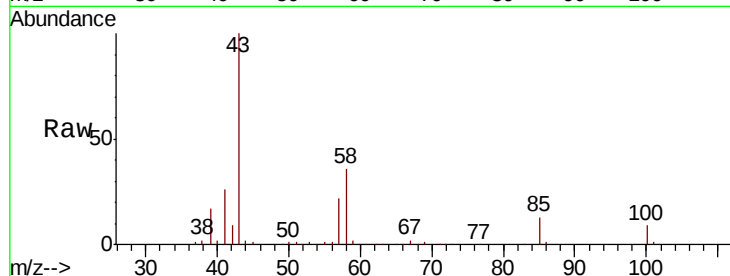
VD0624SBS01

Tot Ion: 43 Resp: 484434

Ion Ratio Lower Upper

43 100

58 36.2 26.6 40.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.30

250000

200000

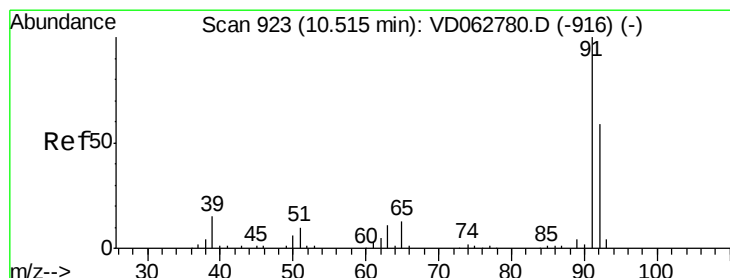
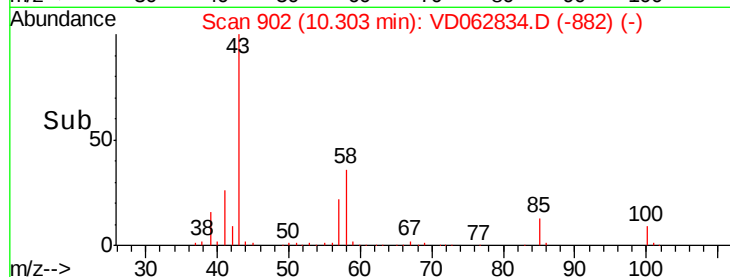
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.616 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: VD062834.D

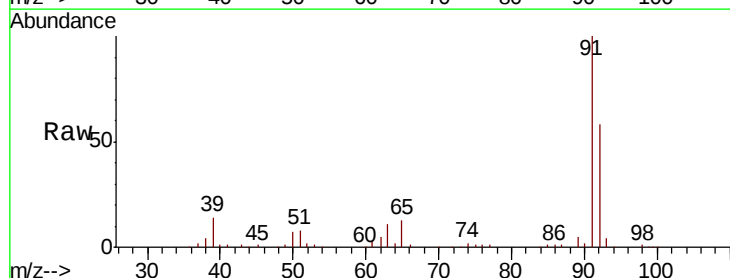
Acq: 24 Jun 2019 12:27

Tgt Ion: 92 Resp: 343981

Ion Ratio Lower Upper

92 100

91 172.5 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

300000

250000

200000

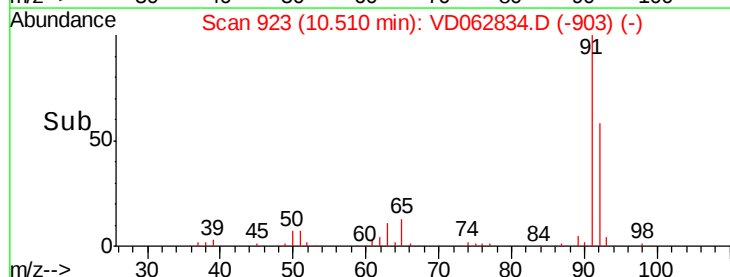
150000

100000

50000

0

Time-->

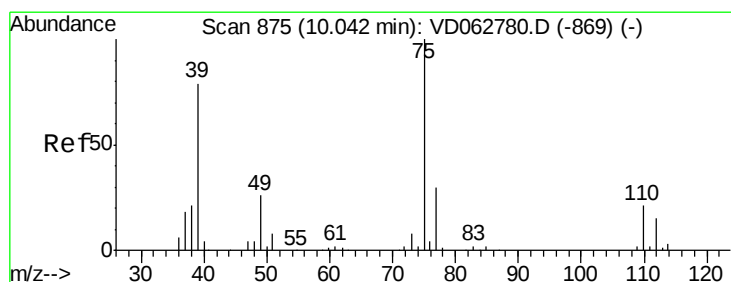
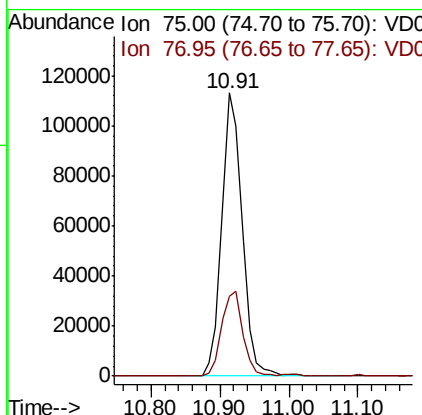
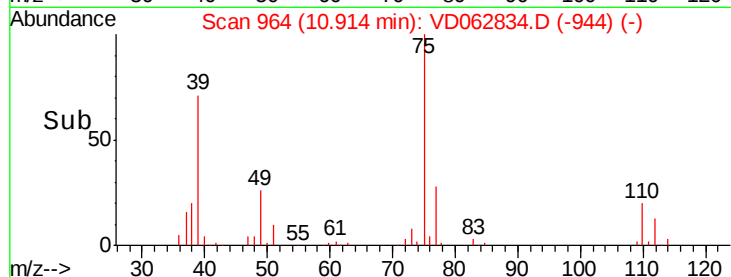
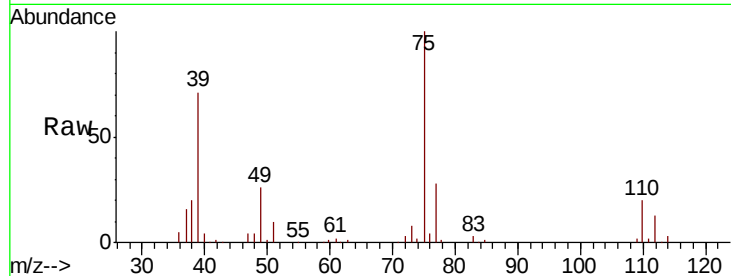




#53  
 t-1,3-Dichloropropene  
 Concen: 21.748 ug/l  
 RT: 10.91 min Scan# 964  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

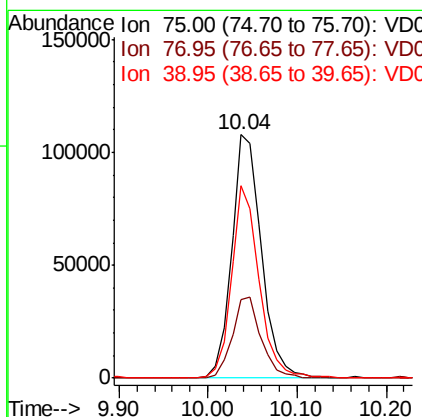
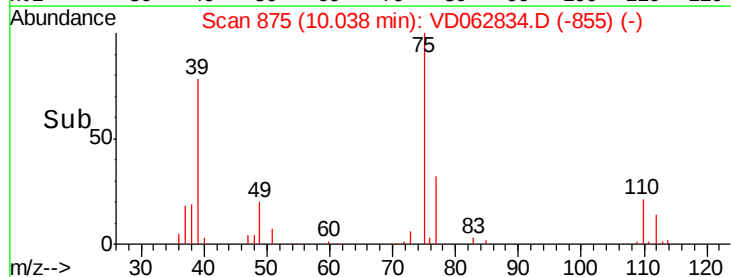
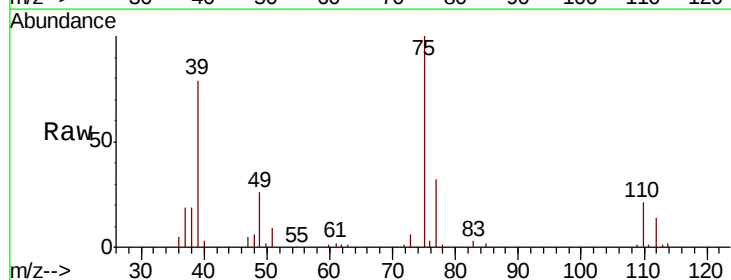
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0624SBSD01

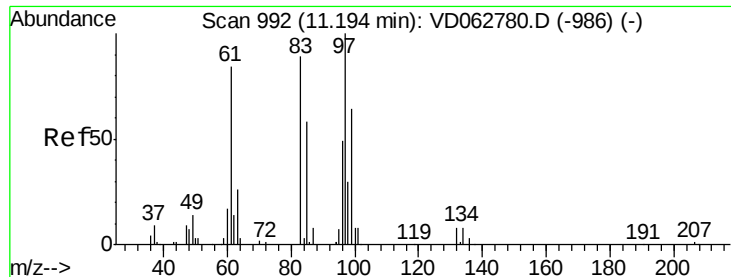
Tot Ion: 75 Resp: 233759  
 Ion Ratio Lower Upper  
 75 100  
 77 28.4 23.2 34.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.447 ug/l  
 RT: 10.04 min Scan# 875  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Tgt Ion: 75 Resp: 250561  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 24.2 36.2  
 39 79.0 63.5 95.3





#55

1,1,2-Trichloroethane

Concen: 20.732 ug/l

RT: 11.19 min Scan# 992

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

VD0624SBSD01

Tot Ion: 97 Resp: 113343

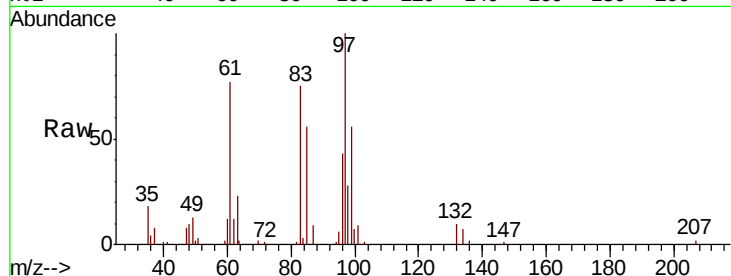
Ion Ratio Lower Upper

97 100

83 75.0 71.0 106.4

85 55.5 46.6 69.8

99 56.3 51.4 77.0

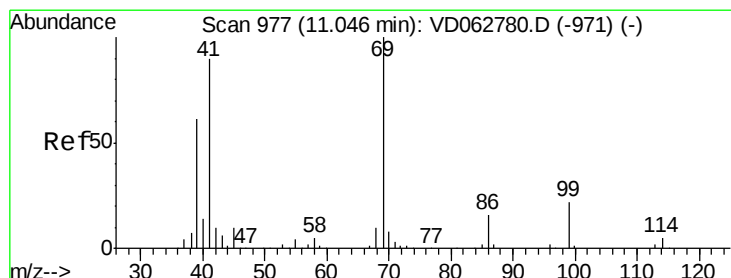
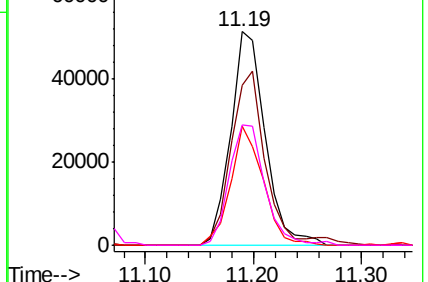
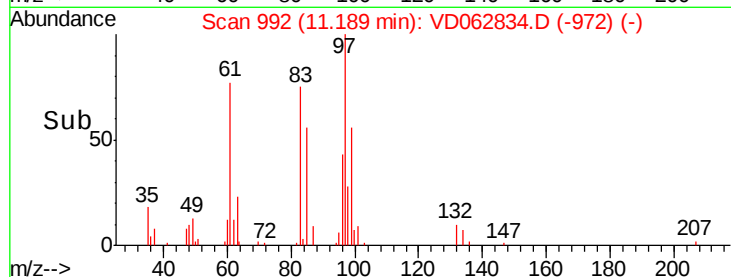


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 21.523 ug/l

RT: 11.04 min Scan# 977

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

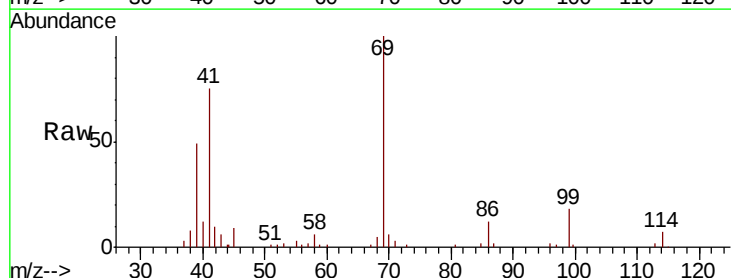
Tgt Ion: 69 Resp: 125751

Ion Ratio Lower Upper

69 100

41 74.8 72.0 108.0

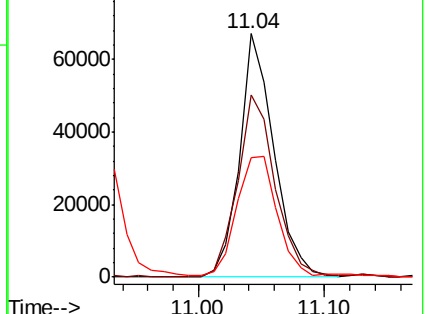
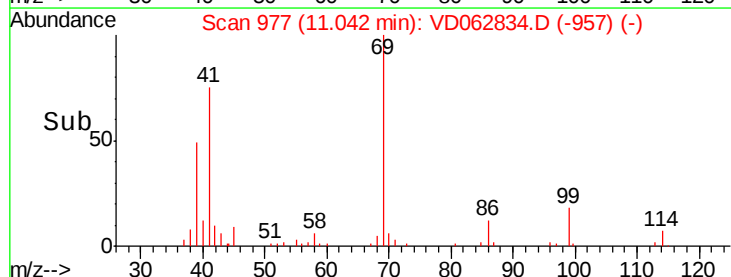
39 49.0 49.5 74.3#

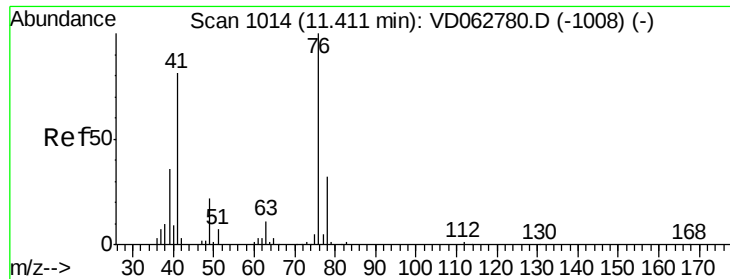


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 21.967 ug/l

RT: 11.41 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

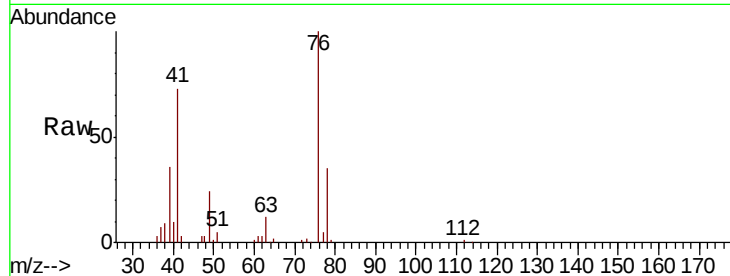
VD0624SBSD01

Tot Ion: 76 Resp: 183891

Ion Ratio Lower Upper

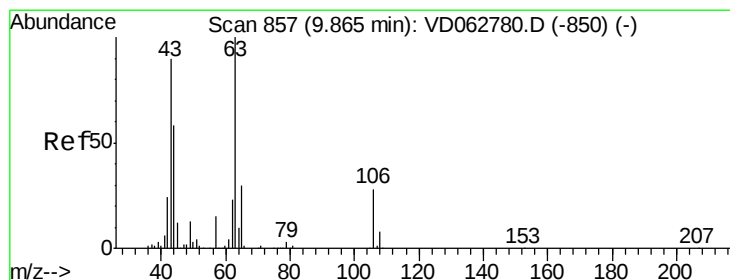
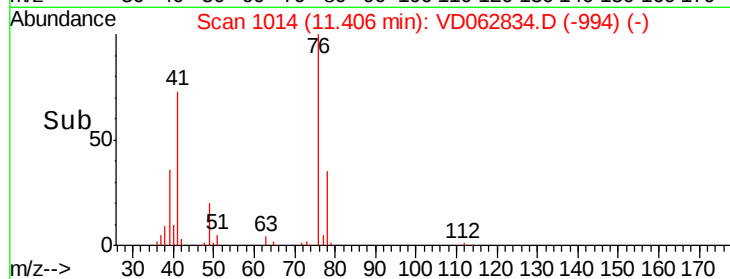
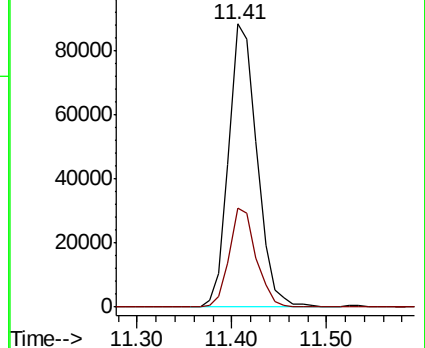
76 100

78 35.0 25.4 38.0



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 116.472 ug/l

RT: 9.86 min Scan# 857

Delta R.T. -0.00 min

Lab File: VD062834.D

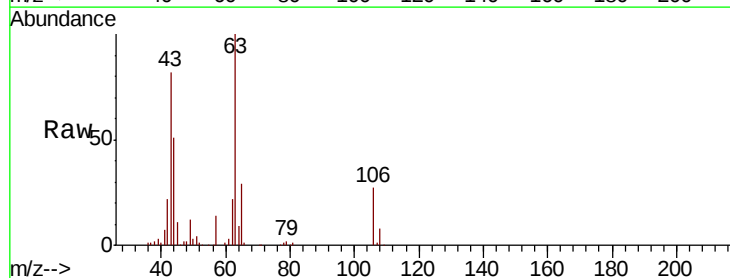
Acq: 24 Jun 2019 12:27

Tgt Ion: 63 Resp: 349362

Ion Ratio Lower Upper

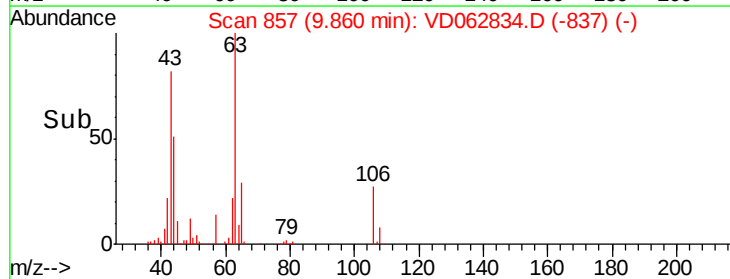
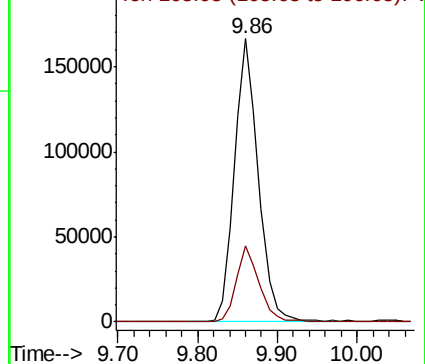
63 100

106 26.8 22.1 33.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V





#59

2-Hexanone

Concen: 115.842 ug/l

RT: 11.53 min Scan# 1027

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

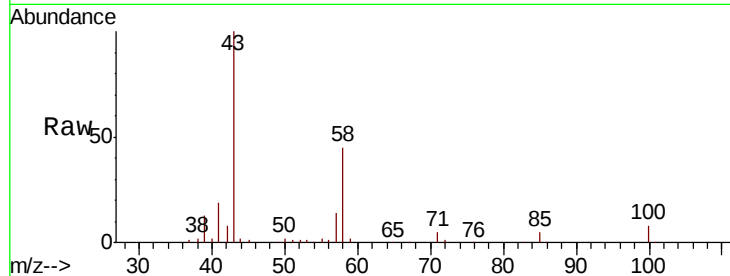
VD0624SBSD01

Tot Ion: 43 Resp: 361657

Ion Ratio Lower Upper

43 100

58 44.6 22.4 67.2



Abundance Ion 42.95 (42.65 to 43.65): VD062834.D (-1007) (-)

Ion 57.95 (57.65 to 58.65): VD062834.D (-1007) (-)

11.53

200000

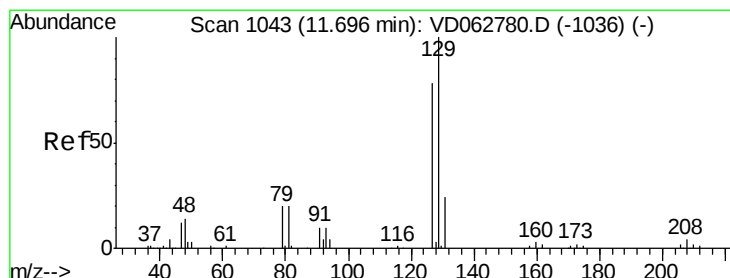
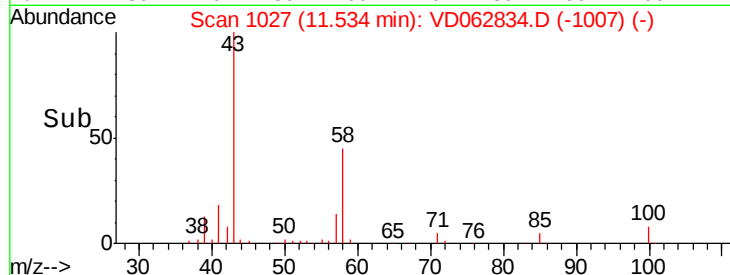
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 21.306 ug/l

RT: 11.69 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VD062834.D

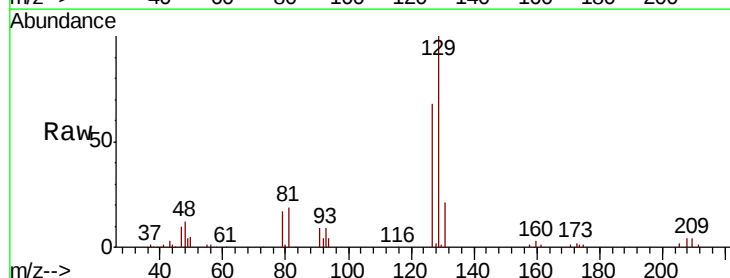
Acq: 24 Jun 2019 12:27

Tgt Ion: 129 Resp: 216971

Ion Ratio Lower Upper

129 100

127 67.8 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): VD062834.D (-1023) (-)

Ion 126.80 (126.50 to 127.50): VD062834.D (-1023) (-)

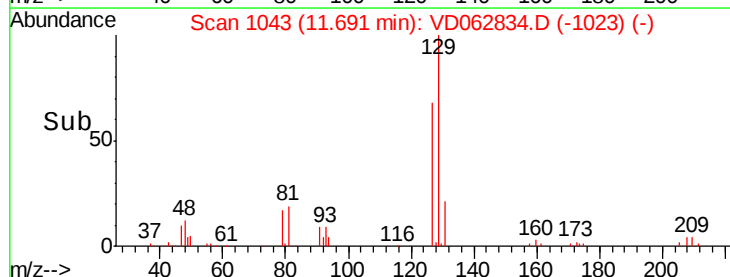
11.69

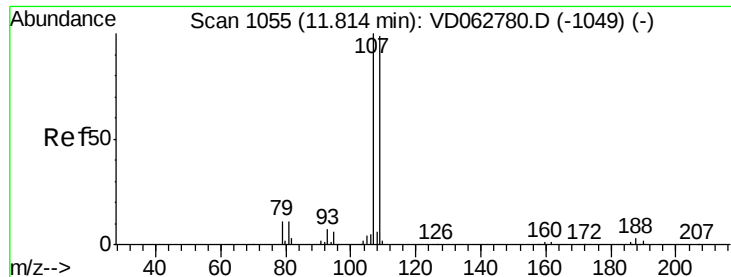
100000

50000

0

Time-->





#61

1,2-Dibromoethane

Concen: 21.251 ug/l

RT: 11.81 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

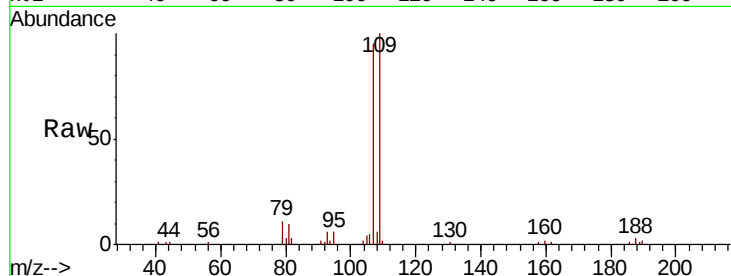
VD0624SBSD01

Tot Ion:107 Resp: 137218

Ion Ratio Lower Upper

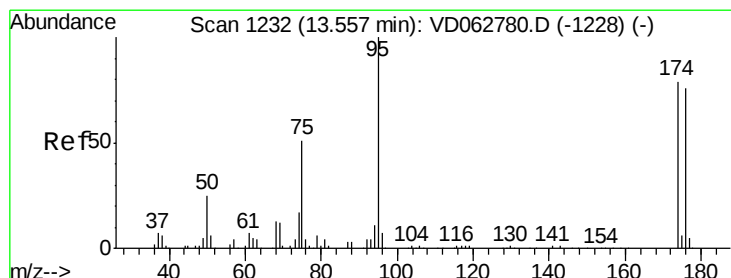
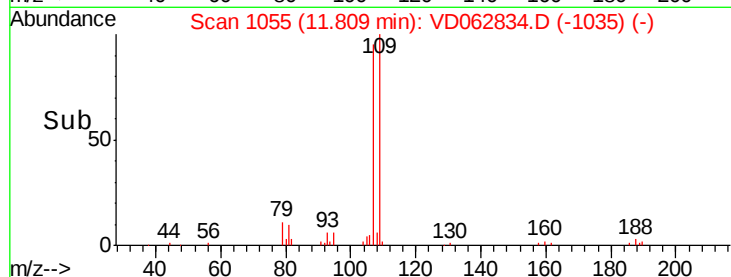
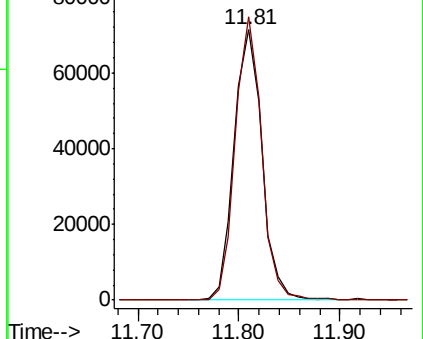
107 100

109 104.8 79.3 118.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 48.175 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

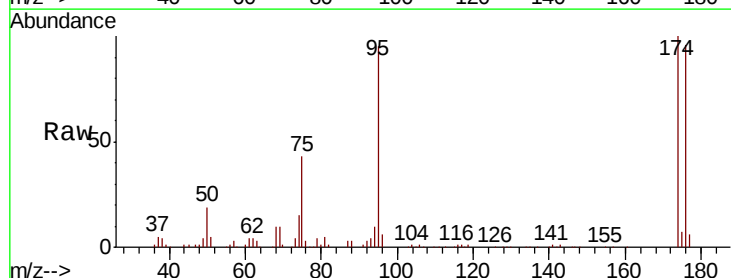
Tgt Ion: 95 Resp: 500824

Ion Ratio Lower Upper

95 100

174 105.2 0.0 158.0

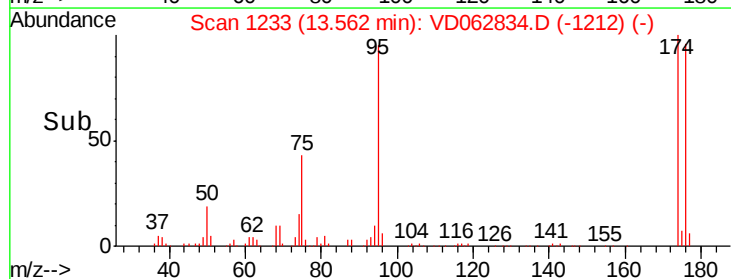
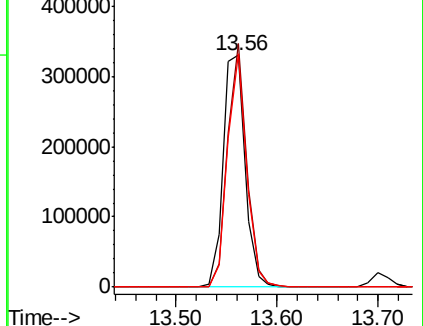
176 101.0 0.0 151.6

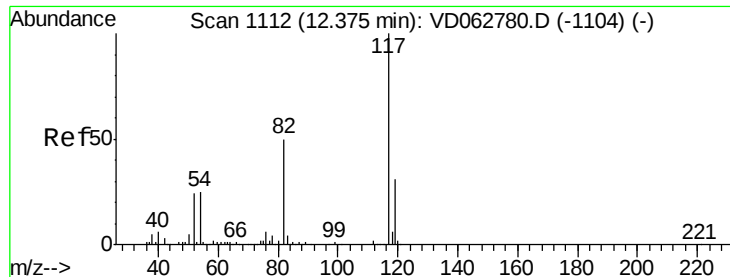


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

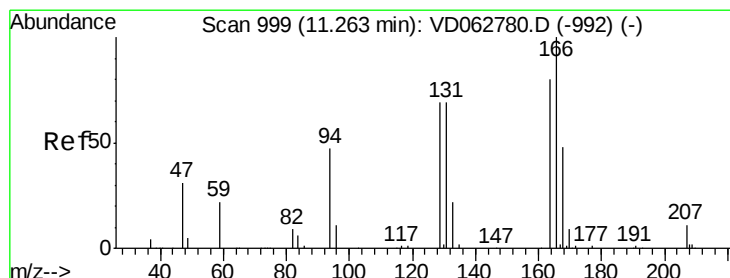
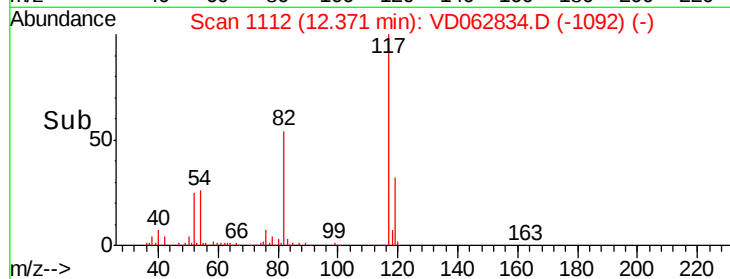
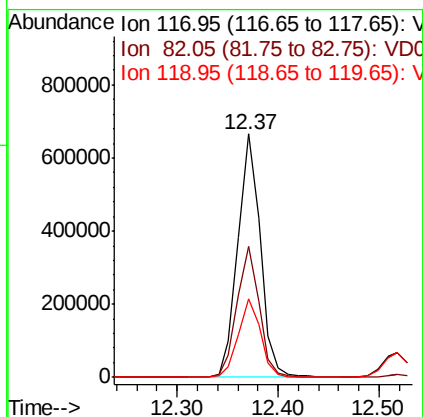
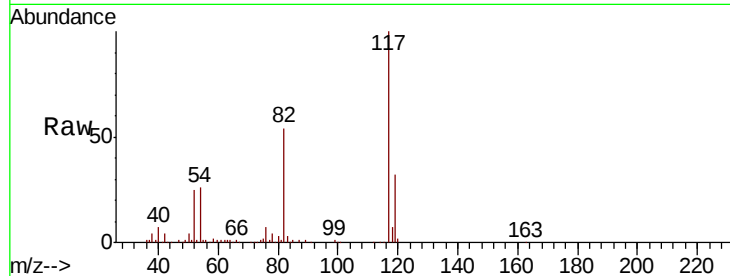




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.37 min Scan# 1112  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

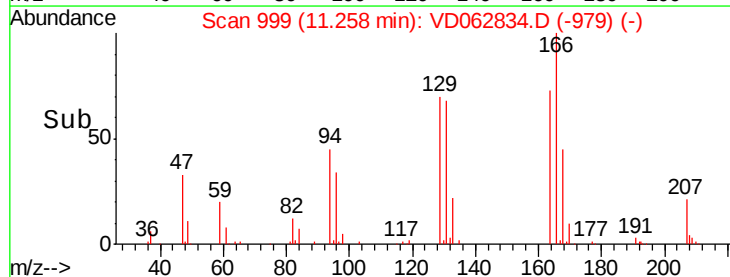
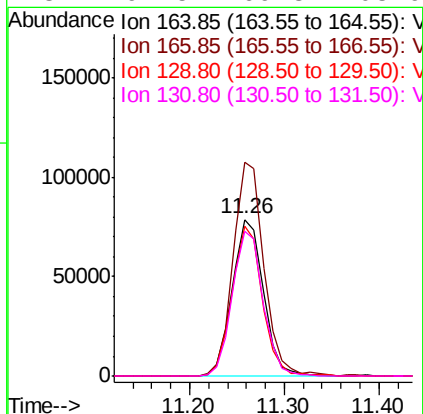
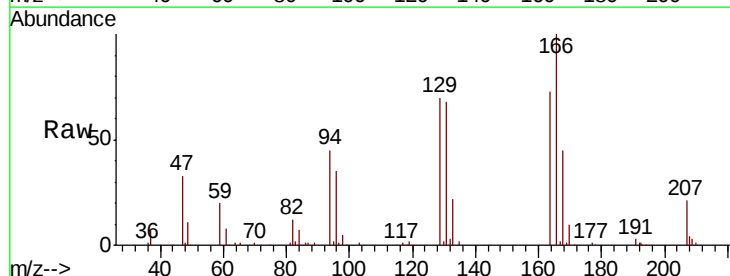
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0624SBSD01

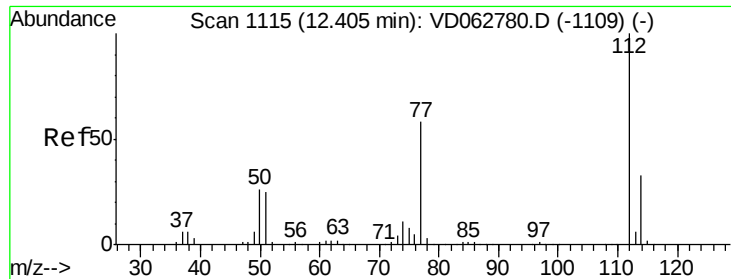
Tot Ion:117 Resp: 1037564  
Ion Ratio Lower Upper  
117 100  
82 53.9 40.4 60.6  
119 32.3 25.2 37.8



#64  
Tetrachloroethene  
Concen: 20.980 ug/l  
RT: 11.26 min Scan# 999  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Tgt Ion:164 Resp: 179157  
Ion Ratio Lower Upper  
164 100  
166 136.5 100.6 150.8  
129 95.7 69.4 104.0  
131 92.5 69.3 103.9

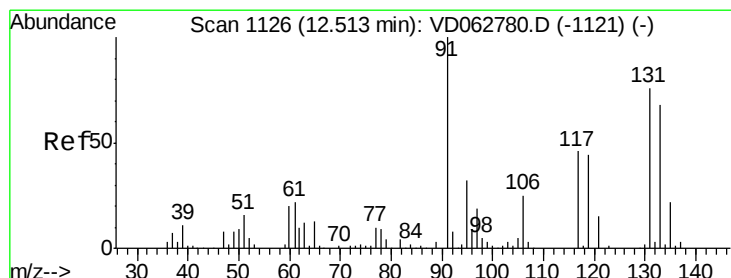
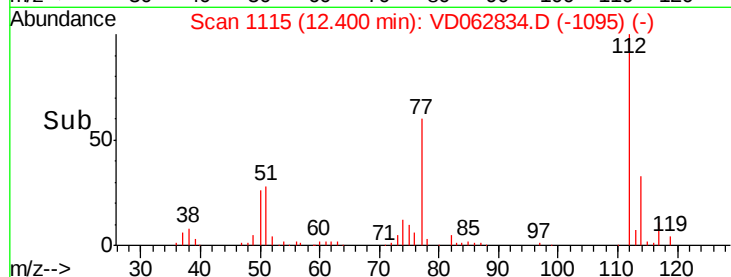
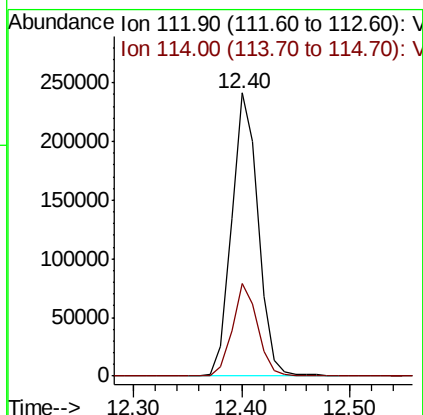
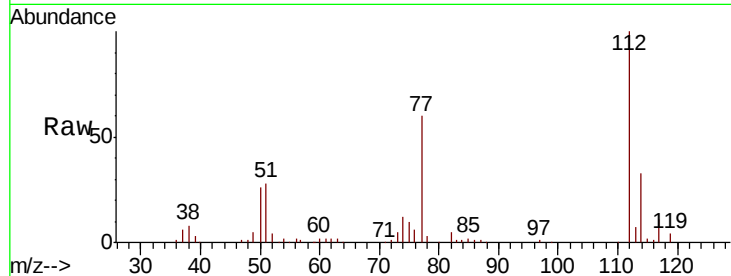




#65  
Chlorobenzene  
Concen: 21.262 ug/l  
RT: 12.40 min Scan# 1115  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

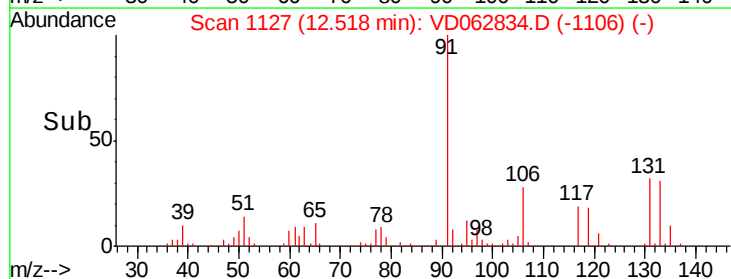
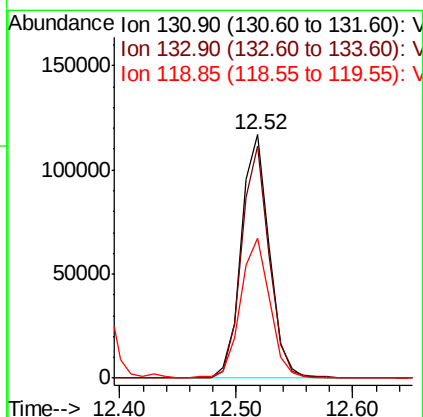
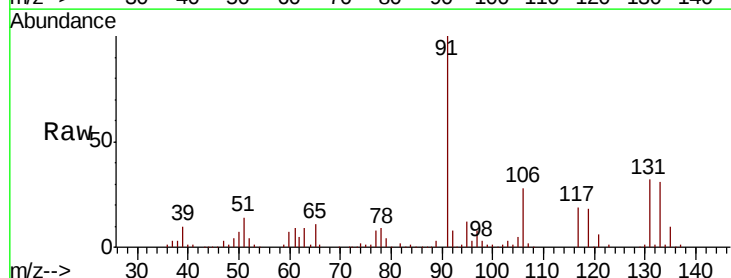
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0624SBSD01

Tot Ion:112 Resp: 409413  
Ion Ratio Lower Upper  
112 100  
114 32.9 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.596 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.01 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Tgt Ion:131 Resp: 194480  
Ion Ratio Lower Upper  
131 100  
133 95.4 44.5 133.3  
119 57.3 28.6 85.9

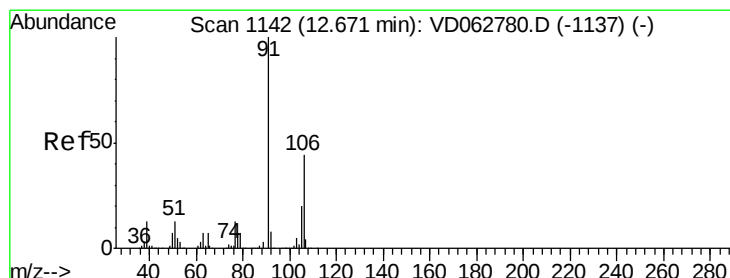
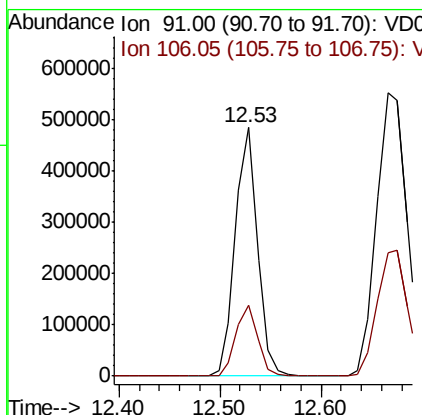
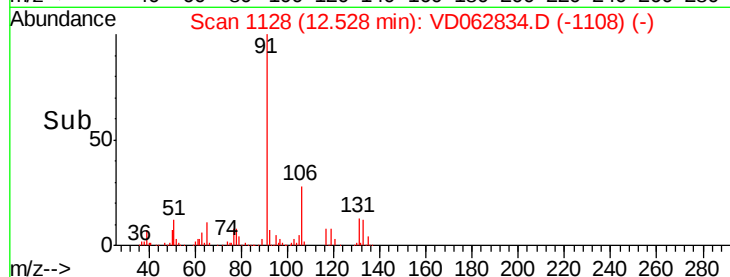
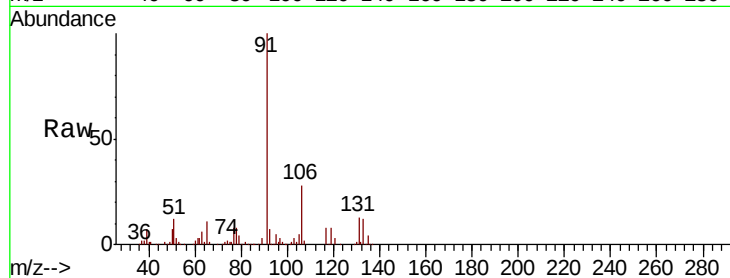




#67  
Ethyl Benzene  
Concen: 21.497 ug/l  
RT: 12.53 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

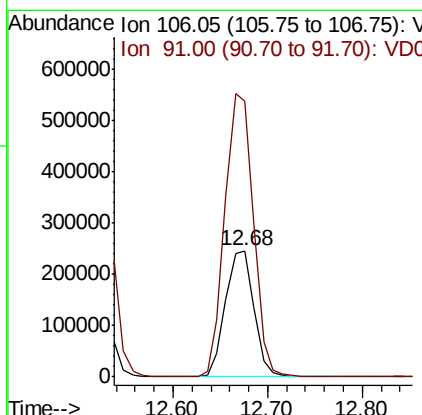
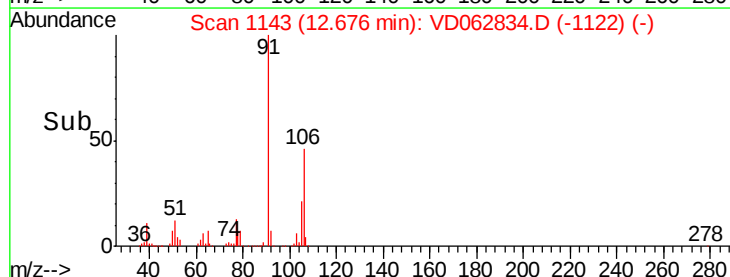
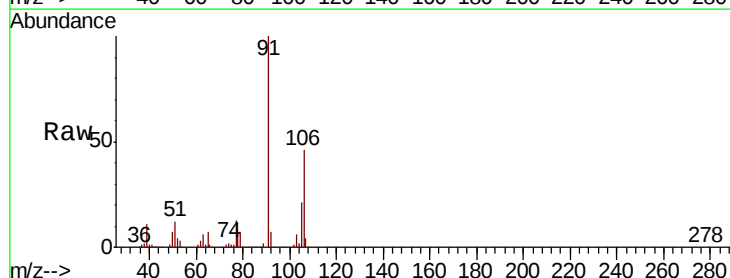
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0624SBS01

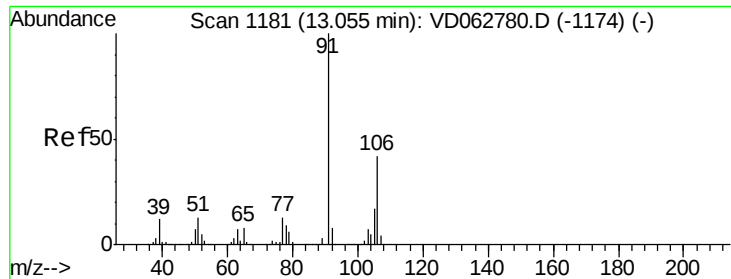
Tot Ion: 91 Resp: 743190  
Ion Ratio Lower Upper  
91 100  
106 28.4 23.1 34.7



#68  
m/p-Xylenes  
Concen: 42.713 ug/l  
RT: 12.68 min Scan# 1143  
Delta R.T. 0.01 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Tgt Ion: 106 Resp: 514315  
Ion Ratio Lower Upper  
106 100  
91 217.5 183.0 274.6

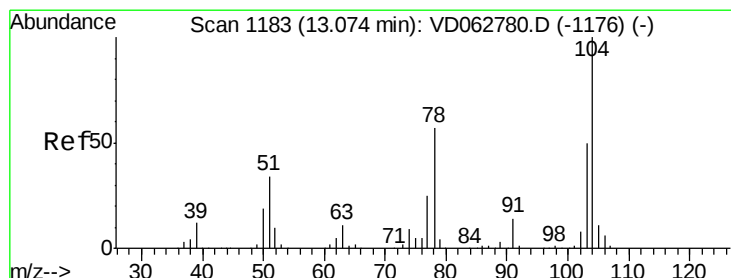
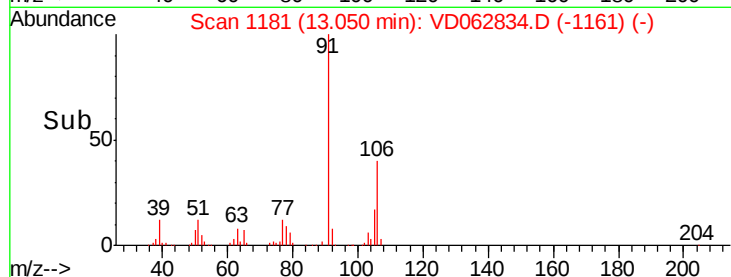
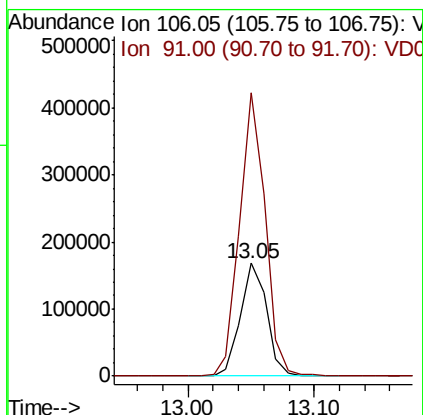
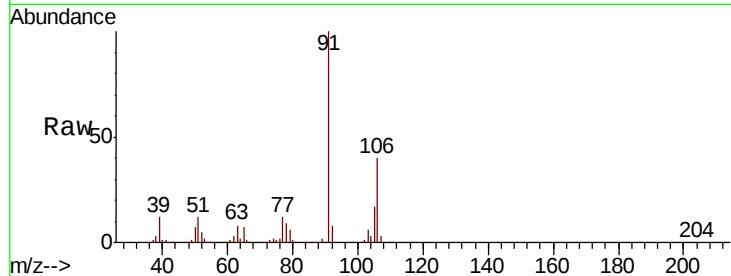




#69  
o-Xylene  
Concen: 22.215 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

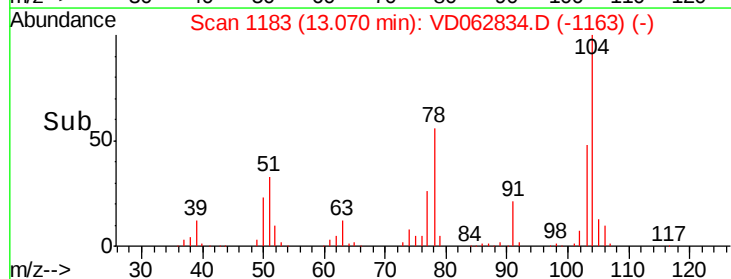
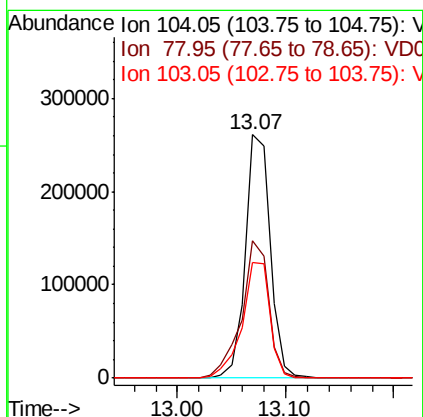
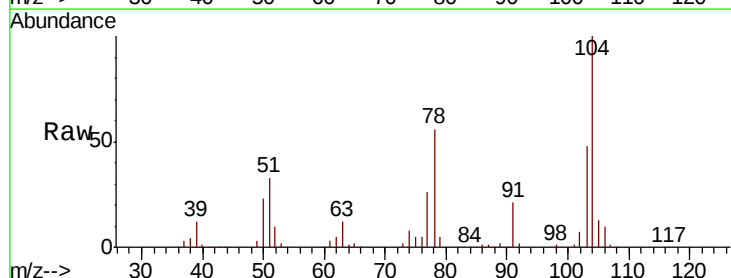
Instrument :  
MSVOA\_D  
ClientSampleID :  
VD0624SBSD01

Tot Ion:106 Resp: 244533  
Ion Ratio Lower Upper  
106 100  
91 250.9 117.9 353.6



#70  
Styrene  
Concen: 21.574 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. -0.00 min  
Lab File: VD062834.D  
Acq: 24 Jun 2019 12:27

Tgt Ion:104 Resp: 417110  
Ion Ratio Lower Upper  
104 100  
78 56.4 45.4 68.2  
103 47.7 39.7 59.5





#71

Bromoform

Concen: 22.240 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

VD0624SBSD01

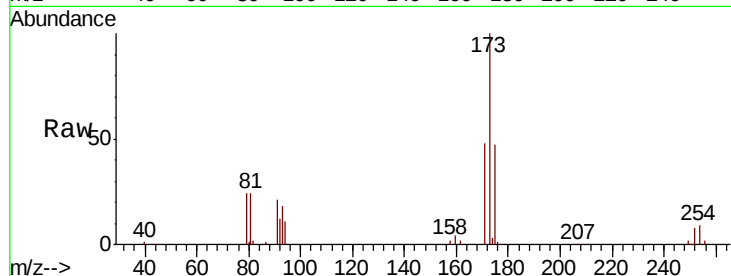
Tot Ion:173 Resp: 137221

Ion Ratio Lower Upper

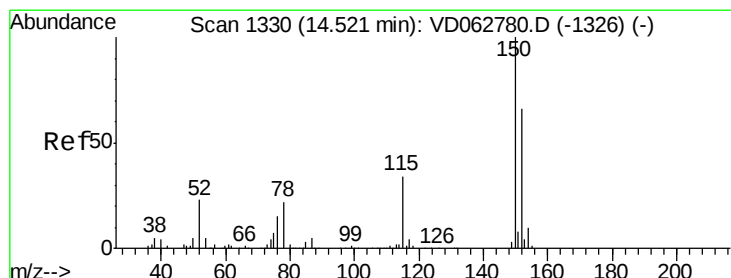
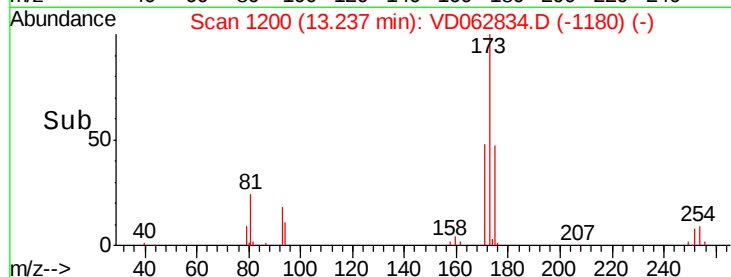
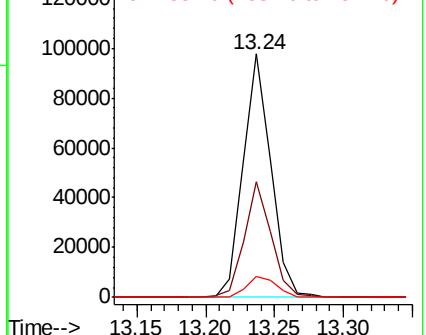
173 100

175 47.5 25.3 75.9

254 8.8 7.1 10.7



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. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

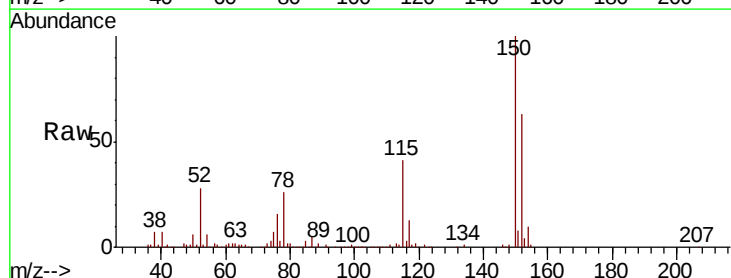
Tgt Ion:152 Resp: 565650

Ion Ratio Lower Upper

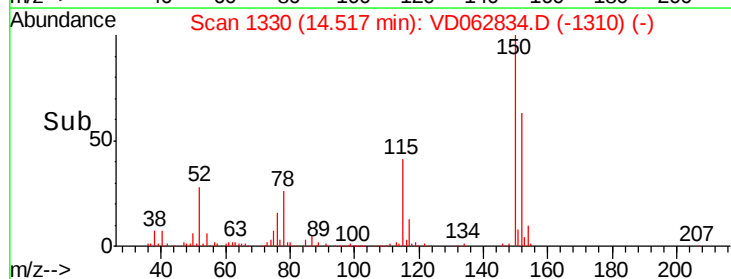
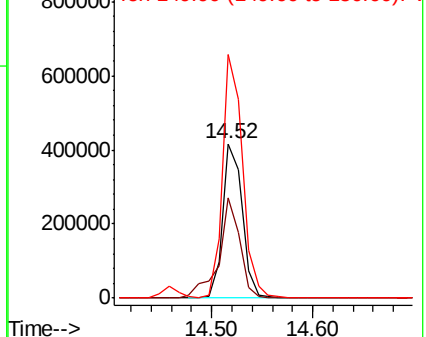
152 100

115 64.7 29.2 87.6

150 157.8 0.0 305.8



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





#73

Isopropylbenzene

Concen: 21.118 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

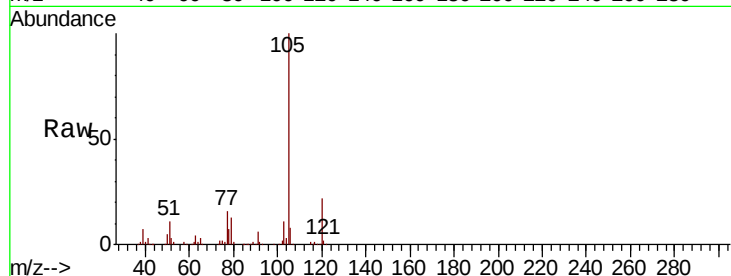
VD0624SBS01

Tot Ion:105 Resp: 765927

Ion Ratio Lower Upper

105 100

120 22.5 11.6 34.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.40

600000

500000

400000

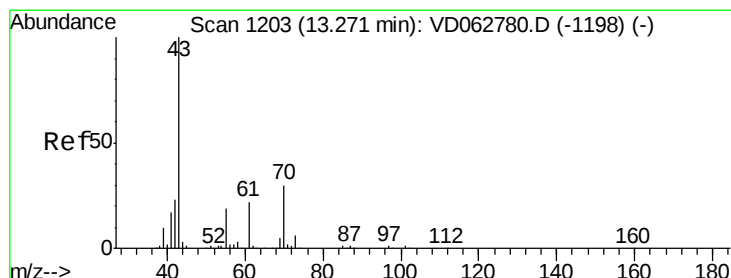
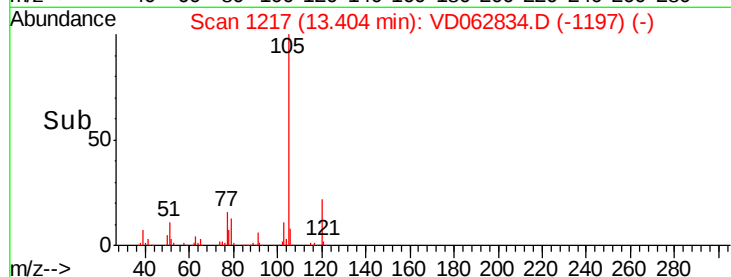
300000

200000

100000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 21.938 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Tgt Ion: 43 Resp: 193225

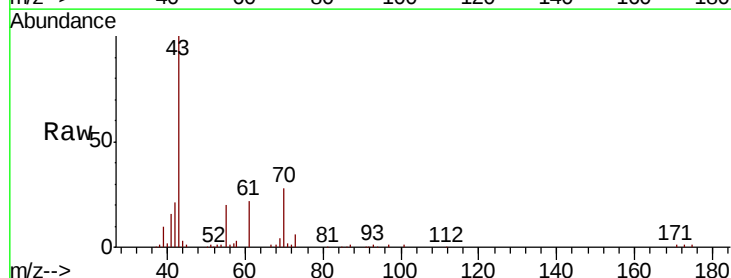
Ion Ratio Lower Upper

43 100

70 27.7 24.4 36.6

55 20.2 15.2 22.8

61 21.8 17.4 26.2



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

13.27

200000

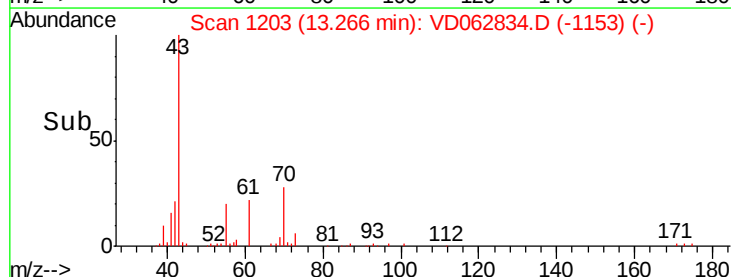
150000

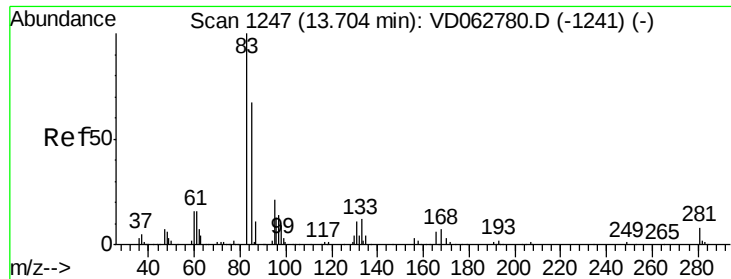
100000

50000

0

Time--> 13.20 13.30 13.40





#75

1,1,2,2-Tetrachloroethane

Concen: 21.991 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

VD0624SBS01

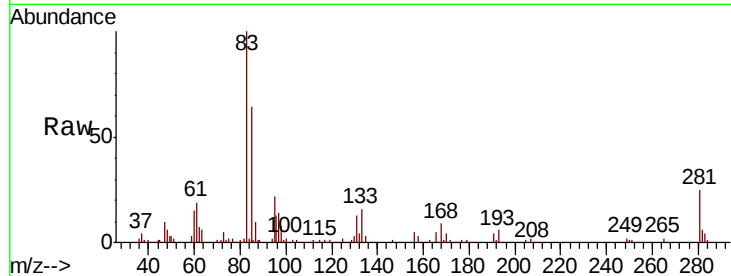
Tot Ion: 83 Resp: 129951

Ion Ratio Lower Upper

83 100

131 13.0 5.3 16.1

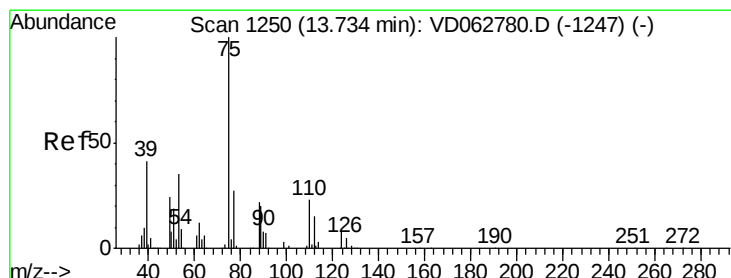
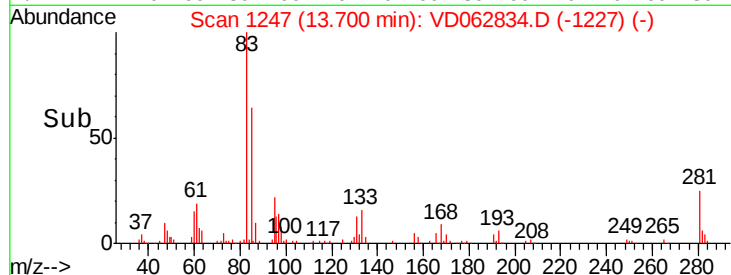
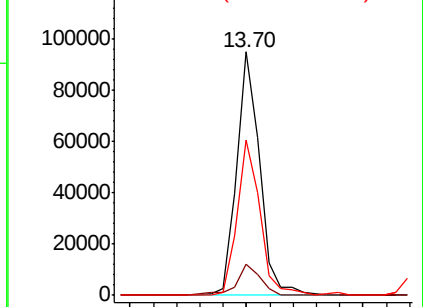
85 64.0 33.7 101.1



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: 21.713 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.01 min

Lab File: VD062834.D

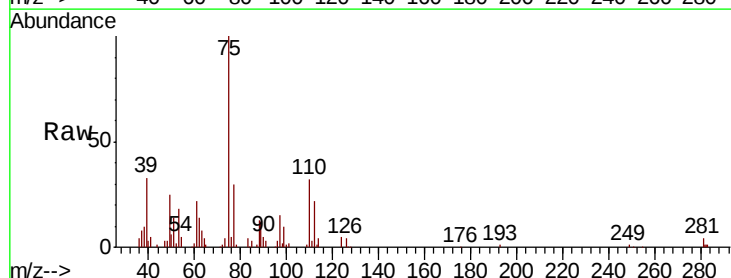
Acq: 24 Jun 2019 12:27

Tgt Ion: 75 Resp: 141788

Ion Ratio Lower Upper

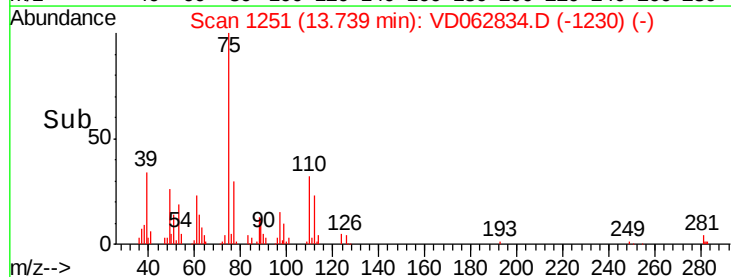
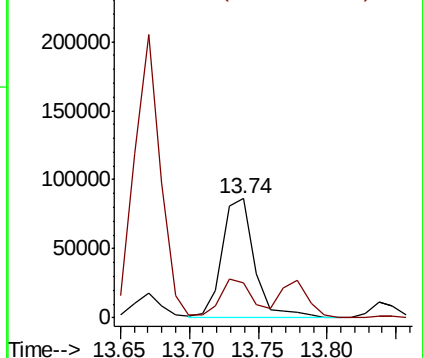
75 100

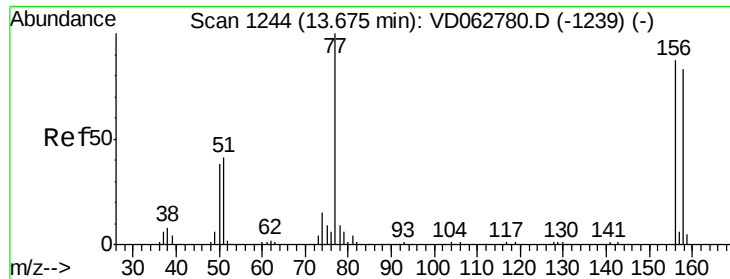
77 29.7 15.0 45.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 22.357 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

VD0624SBSD01

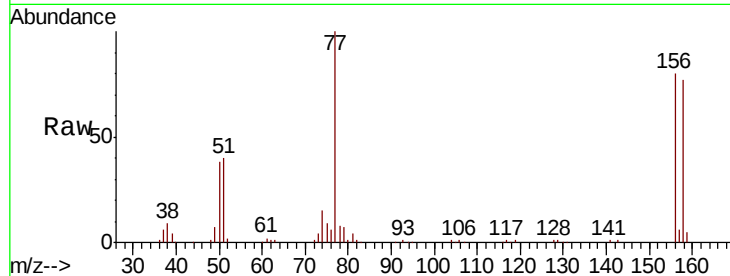
Tot Ion:156 Resp: 218098

Ion Ratio Lower Upper

156 100

77 125.8 57.7 173.1

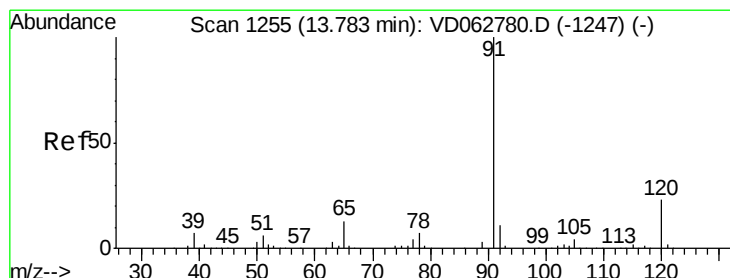
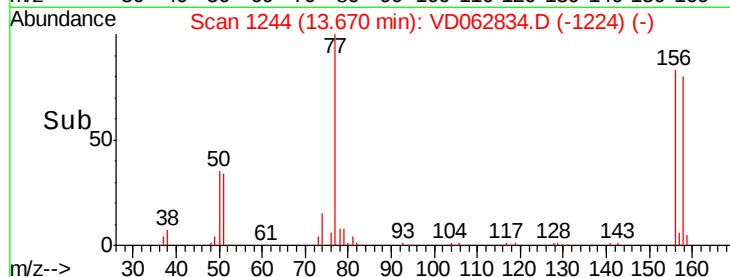
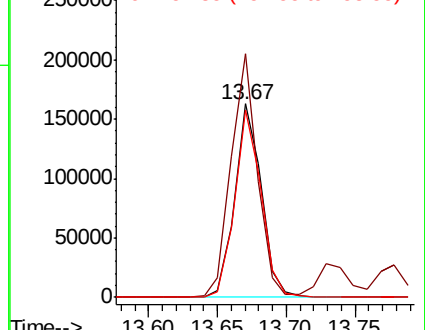
158 96.6 47.7 143.1



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: 21.422 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VD062834.D

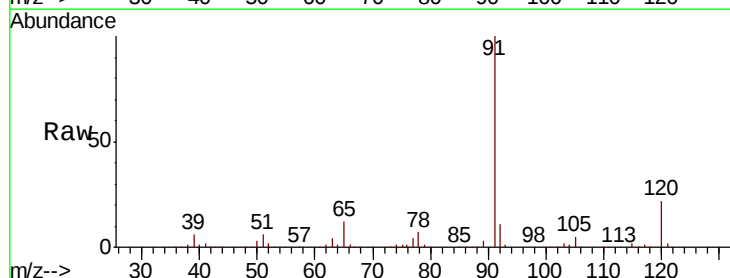
Acq: 24 Jun 2019 12:27

Tgt Ion: 91 Resp: 904302

Ion Ratio Lower Upper

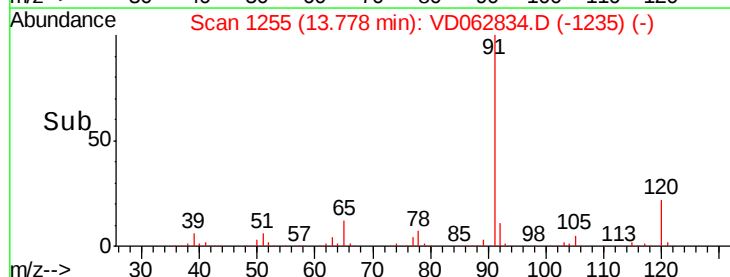
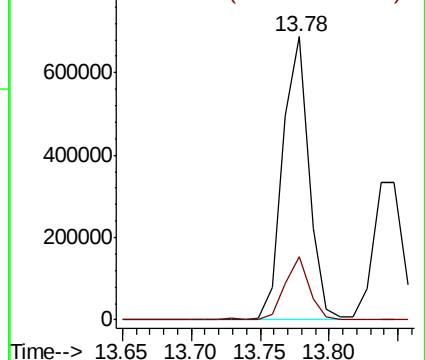
91 100

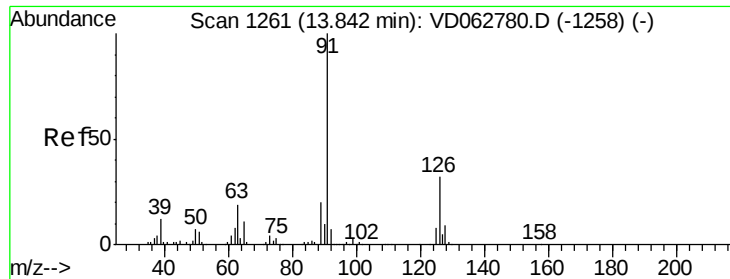
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

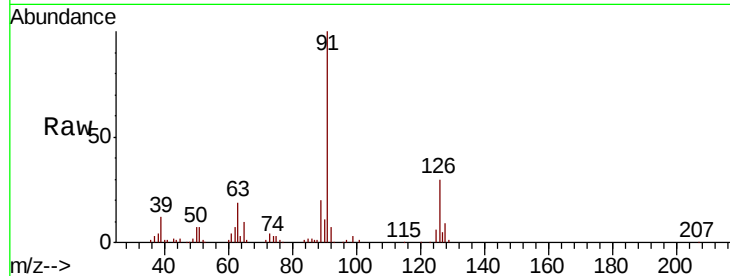




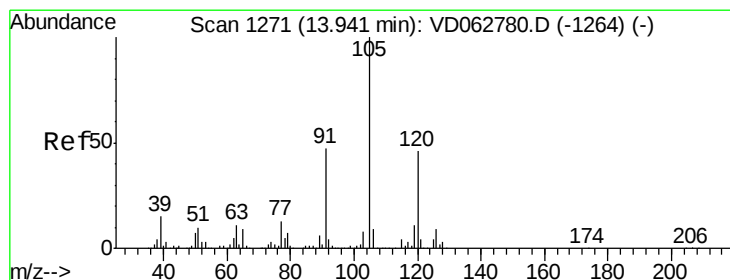
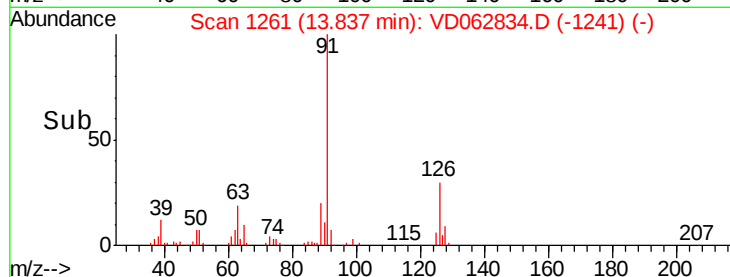
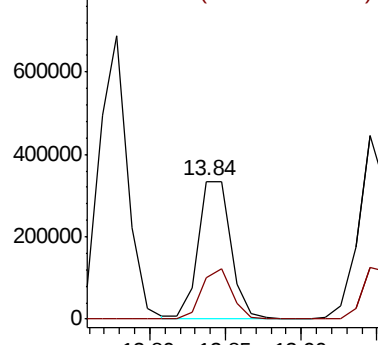
#79  
 2-Chlorotoluene  
 Concen: 20.799 ug/l  
 RT: 13.84 min Scan# 1261  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0624SBSD01

Tot Ion: 91 Resp: 501758  
 Ion Ratio Lower Upper  
 91 100  
 126 30.4 15.7 47.1

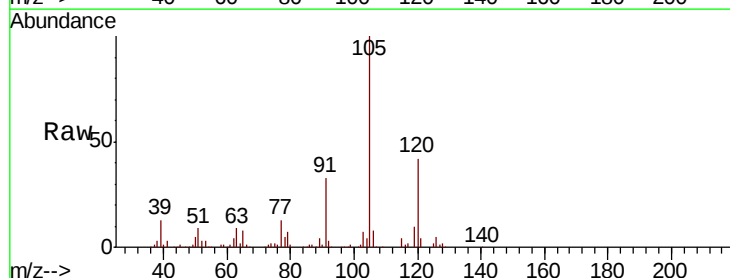


Abundance Ion 91.00 (90.70 to 91.70): V  
 Ion 125.95 (125.65 to 126.65): V

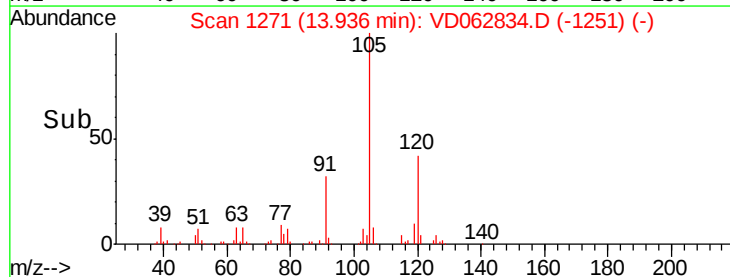
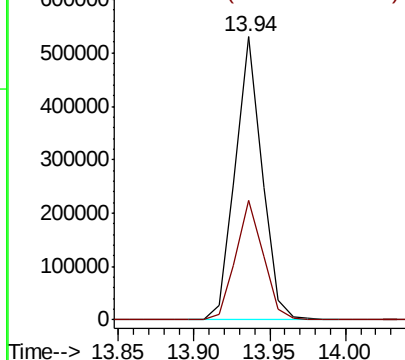


#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.391 ug/l  
 RT: 13.94 min Scan# 1271  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Tgt Ion: 105 Resp: 651657  
 Ion Ratio Lower Upper  
 105 100  
 120 42.3 23.1 69.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 22.786 ug/l

RT: 13.47 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

VD0624SBSD01

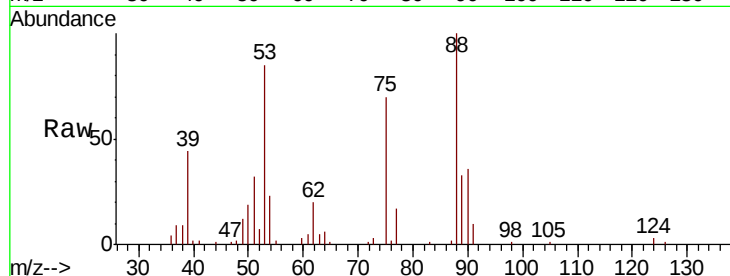
Tot Ion: 75 Resp: 38997

Ion Ratio Lower Upper

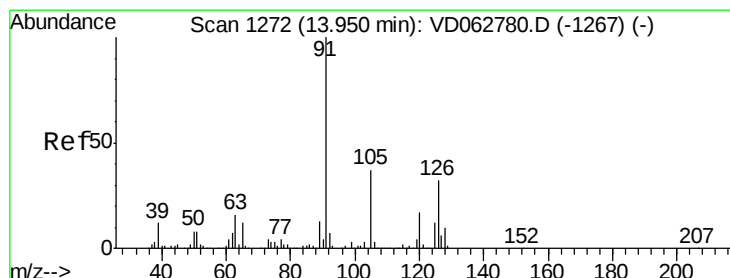
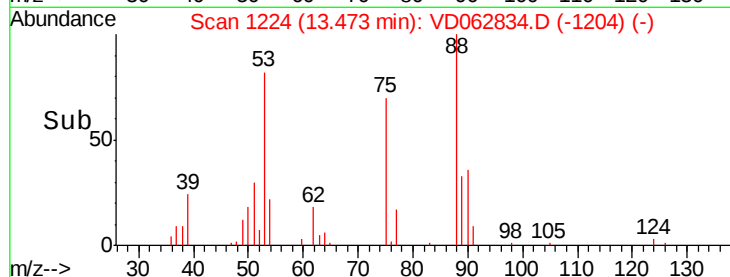
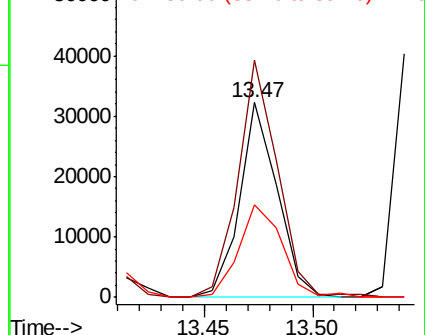
75 100

53 121.7 97.8 146.8

89 47.3 39.4 59.2



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 53.00 (52.70 to 53.70): VDC  
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 21.416 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VD062834.D

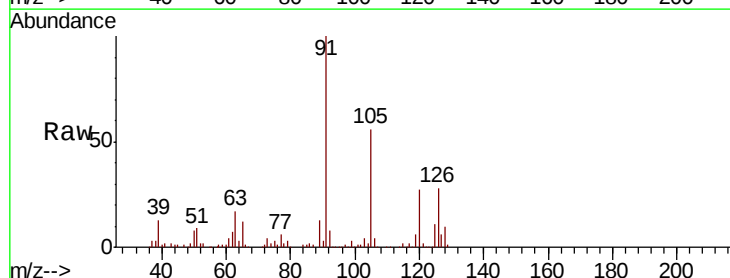
Acq: 24 Jun 2019 12:27

Tgt Ion: 91 Resp: 621975

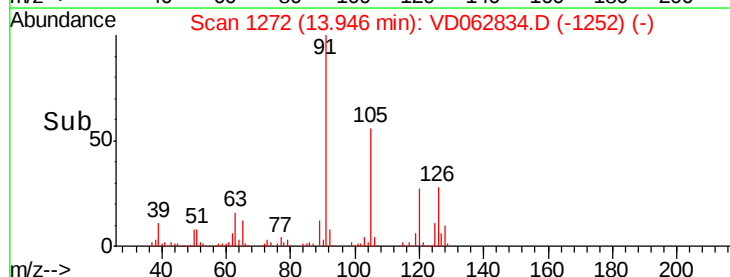
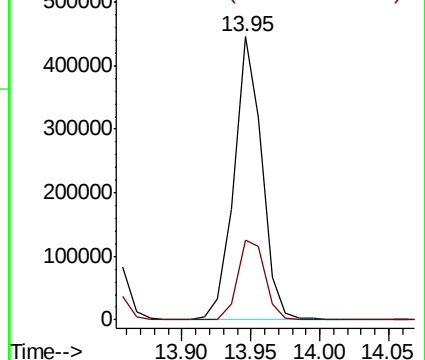
Ion Ratio Lower Upper

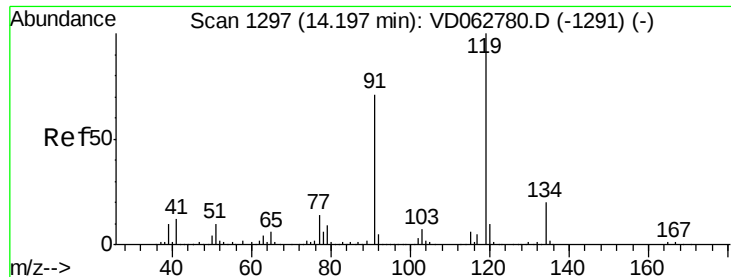
91 100

126 28.1 16.0 47.9



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

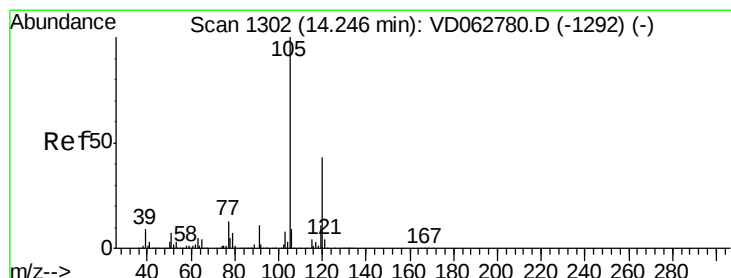
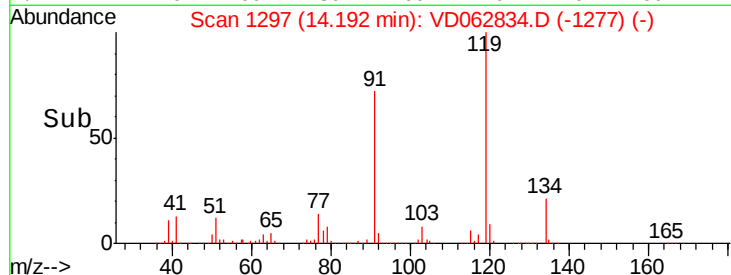
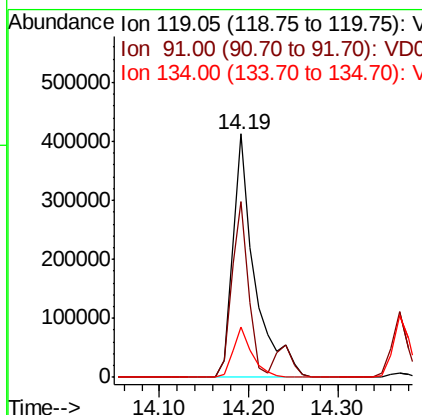
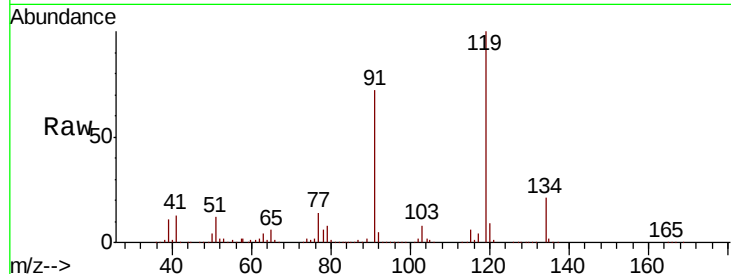




#83  
 tert-Butylbenzene  
 Concen: 21.070 ug/l  
 RT: 14.19 min Scan# 1297  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

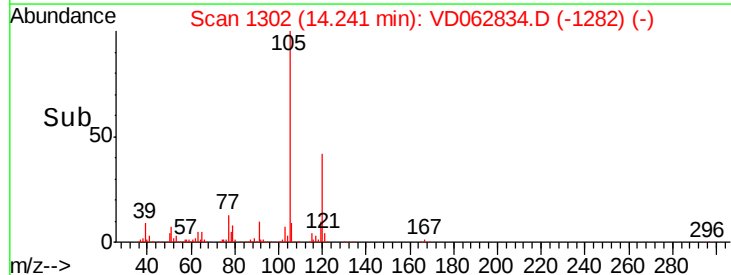
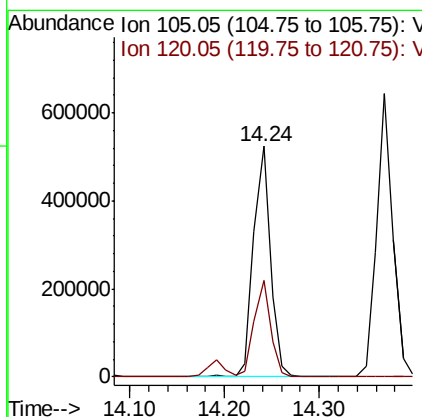
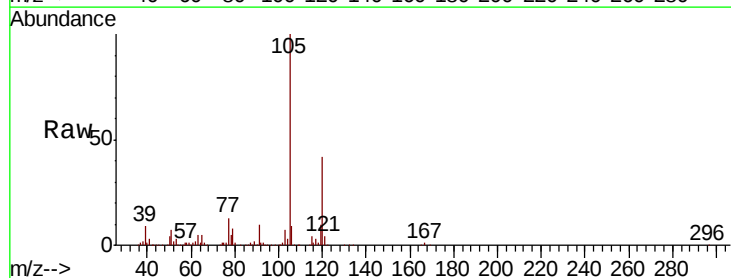
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0624SBSD01

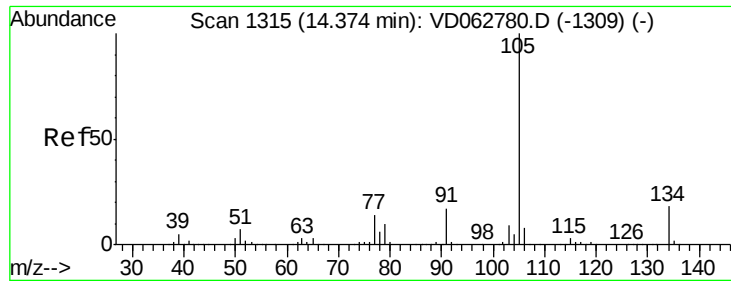
Tot Ion:119 Resp: 715470  
 Ion Ratio Lower Upper  
 119 100  
 91 72.1 35.5 106.5  
 134 20.6 10.2 30.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.953 ug/l  
 RT: 14.24 min Scan# 1302  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Tgt Ion:105 Resp: 654249  
 Ion Ratio Lower Upper  
 105 100  
 120 41.8 21.3 63.9





#85

sec-Butylbenzene

Concen: 21.058 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

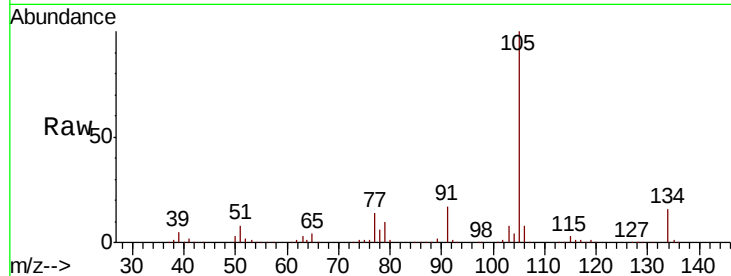
VD0624SBS01

Tot Ion:105 Resp: 777180

Ion Ratio Lower Upper

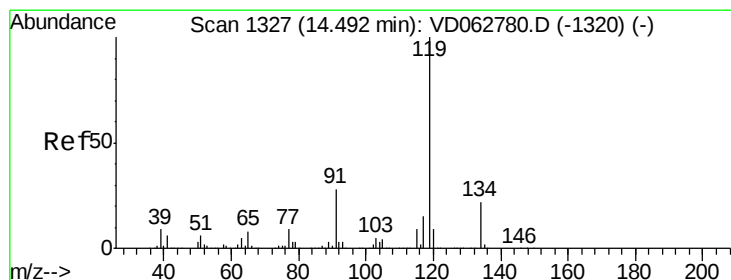
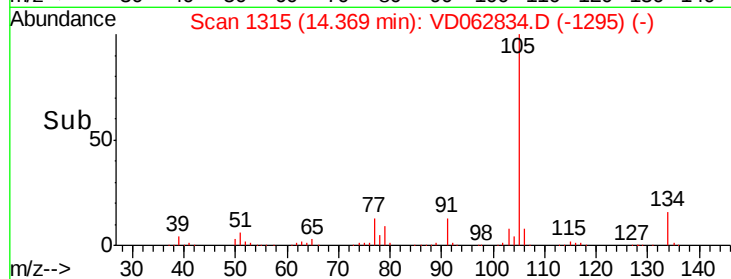
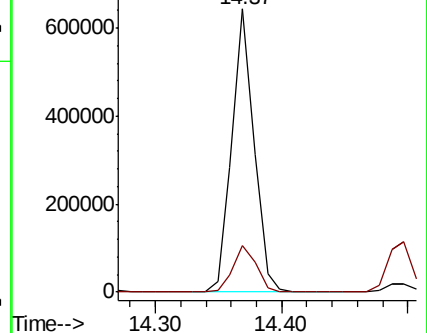
105 100

134 16.4 9.1 27.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 21.504 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. 0.01 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

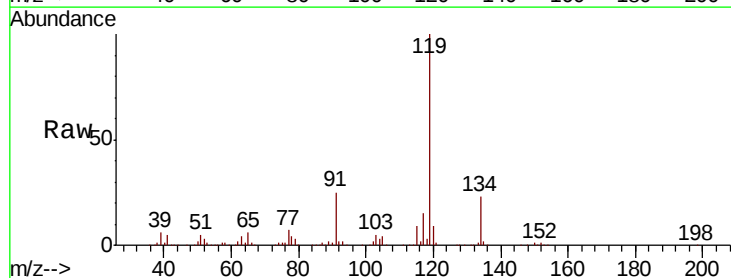
Tgt Ion:119 Resp: 726063

Ion Ratio Lower Upper

119 100

134 22.6 11.1 33.1

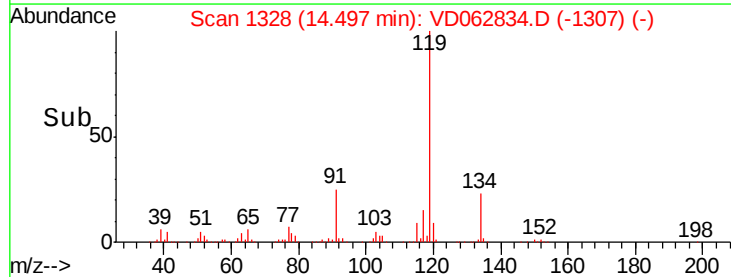
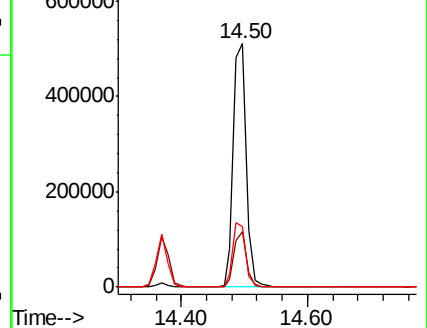
91 24.7 14.0 41.9



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

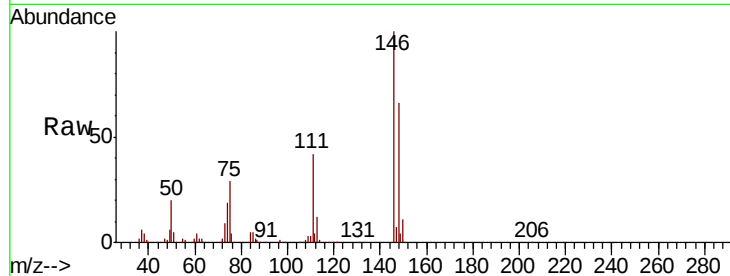




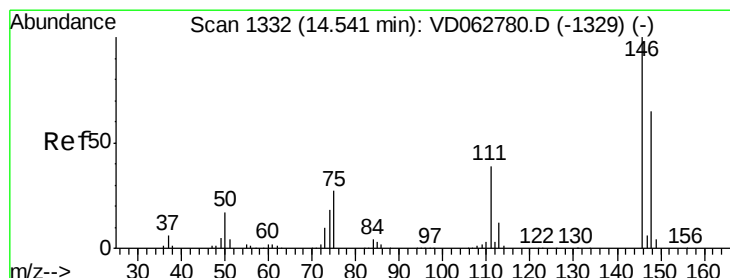
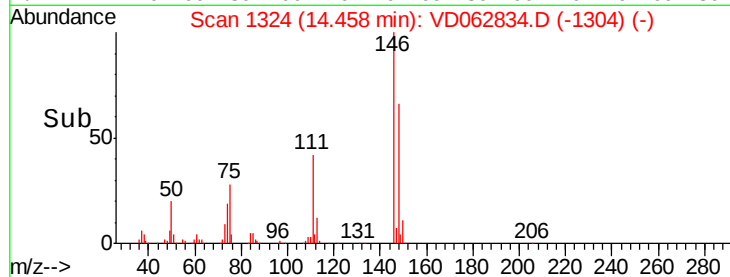
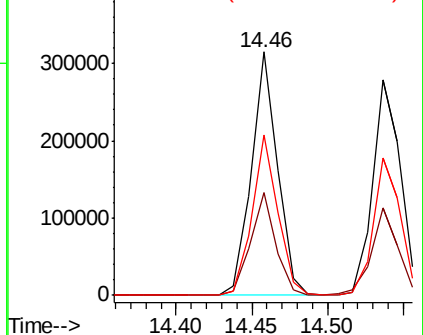
#87  
 1,3-Dichlorobenzene  
 Concen: 21.727 ug/l  
 RT: 14.46 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0624SBSD01

Tot Ion:146 Resp: 379932  
 Ion Ratio Lower Upper  
 146 100  
 111 42.1 19.0 57.0  
 148 65.9 30.8 92.3

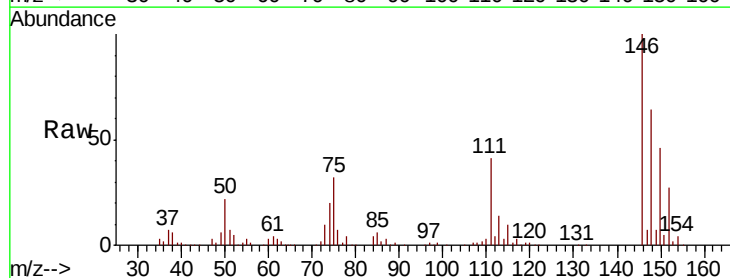


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

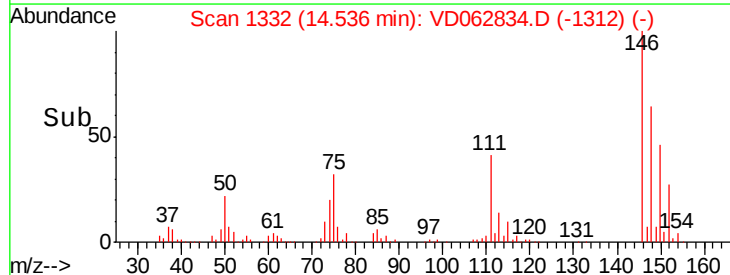
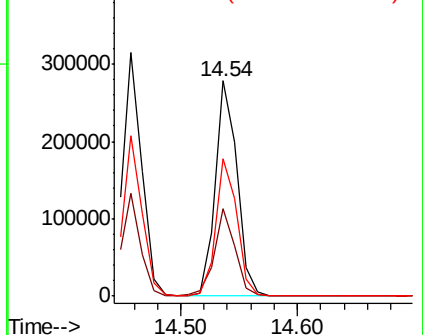


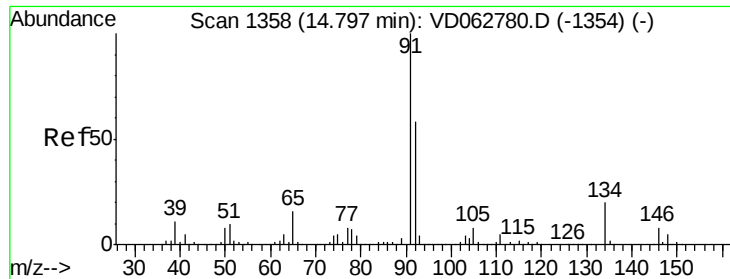
#88  
 1,4-Dichlorobenzene  
 Concen: 20.453 ug/l  
 RT: 14.54 min Scan# 1332  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Tgt Ion:146 Resp: 359229  
 Ion Ratio Lower Upper  
 146 100  
 111 40.6 19.7 59.1  
 148 63.9 32.8 98.3



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





#89

n-Butylbenzene

Concen: 20.925 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.01 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

VD0624SBS01

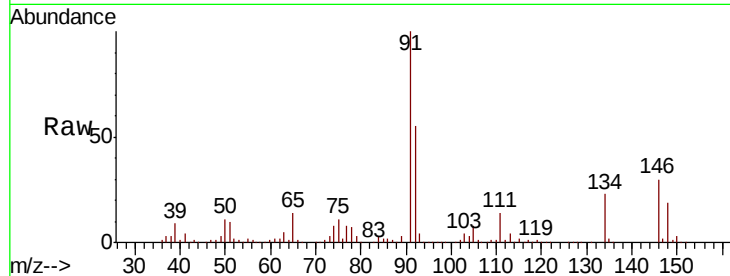
Tot Ion: 91 Resp: 661247

Ion Ratio Lower Upper

91 100

92 55.5 28.9 86.7

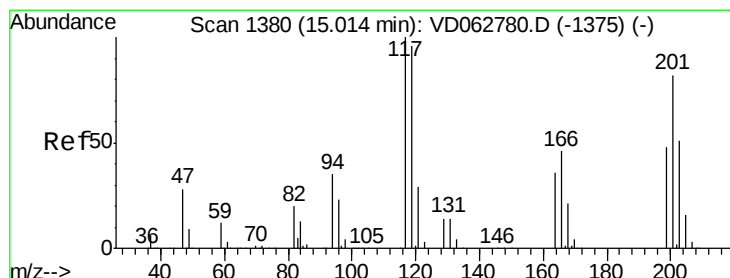
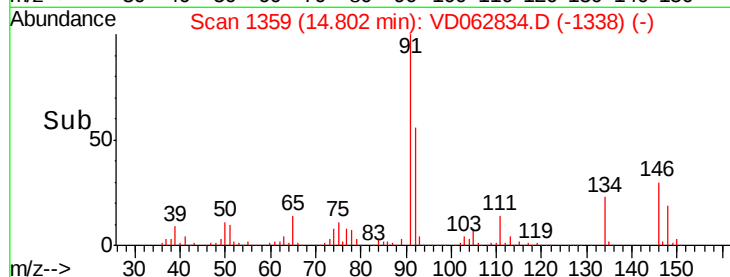
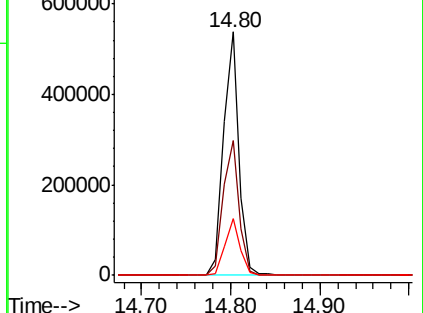
134 23.4 10.1 30.3



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: 20.926 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VD062834.D

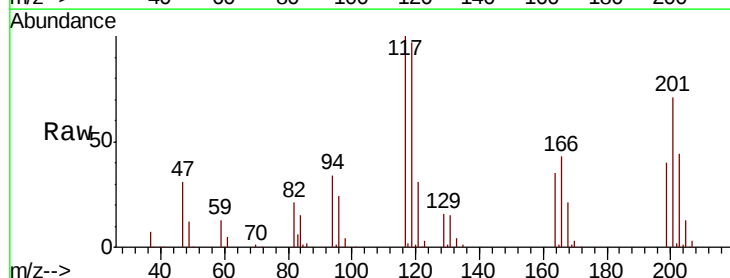
Acq: 24 Jun 2019 12:27

Tgt Ion: 117 Resp: 189971

Ion Ratio Lower Upper

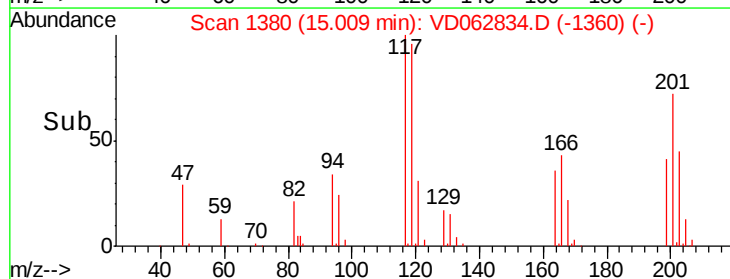
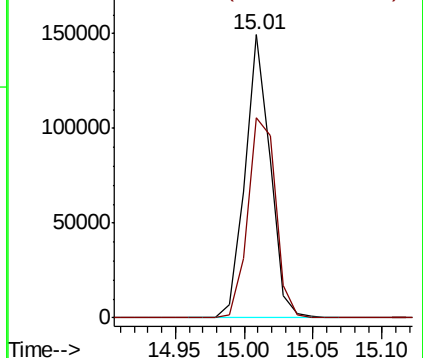
117 100

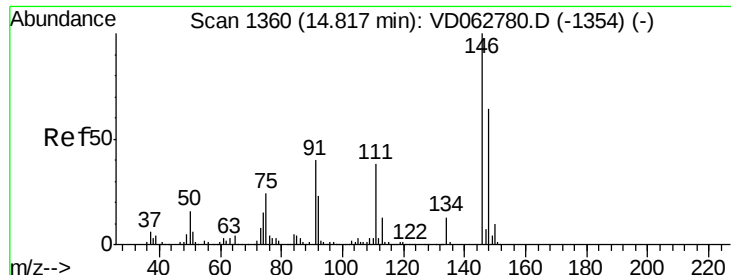
201 70.9 40.8 122.2



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

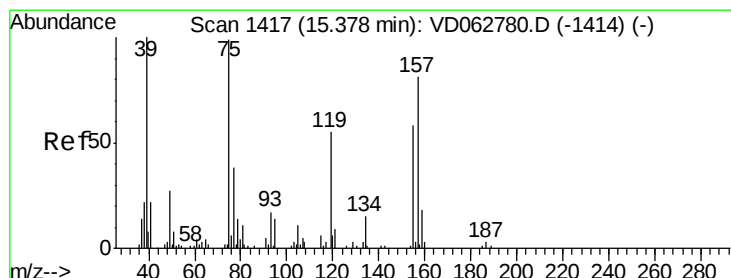
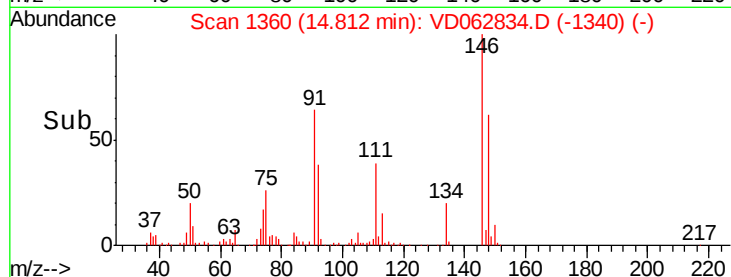
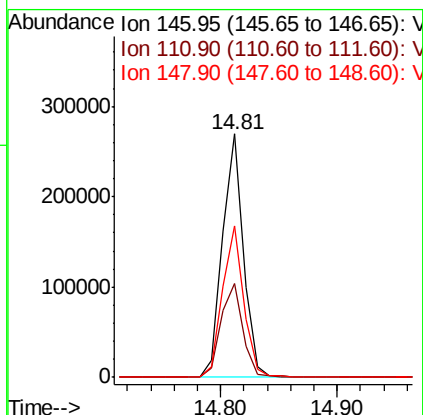
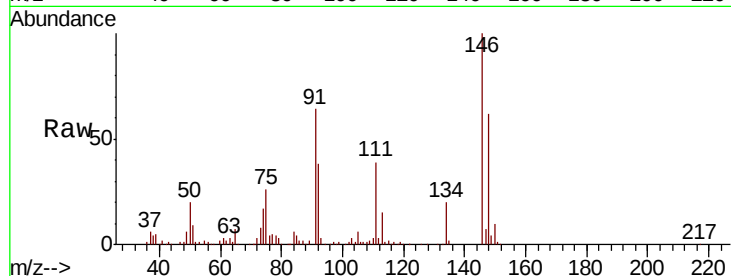




#91  
 1,2-Dichlorobenzene  
 Concen: 22.515 ug/l  
 RT: 14.81 min Scan# 1360  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

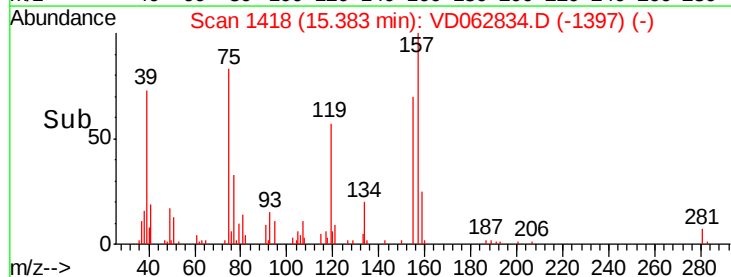
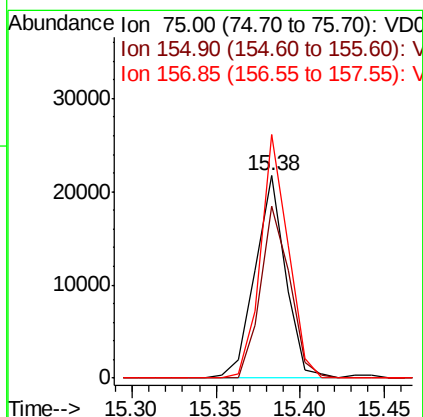
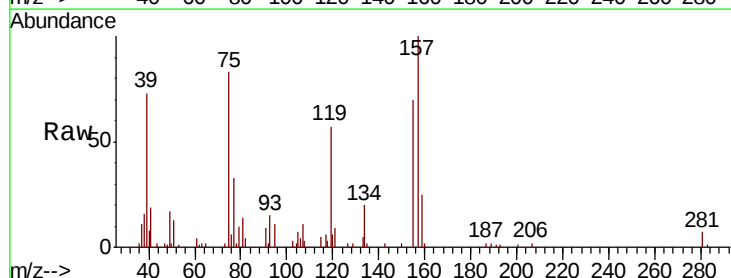
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0624SBSD01

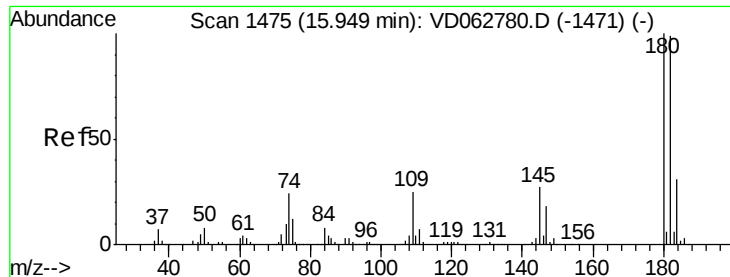
Tot Ion:146 Resp: 336856  
 Ion Ratio Lower Upper  
 146 100  
 111 38.8 19.1 57.1  
 148 62.2 32.3 96.8



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 23.637 ug/l  
 RT: 15.38 min Scan# 1418  
 Delta R.T. 0.01 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Tgt Ion: 75 Resp: 27263  
 Ion Ratio Lower Upper  
 75 100  
 155 84.6 29.3 87.8  
 157 120.3 41.3 123.7

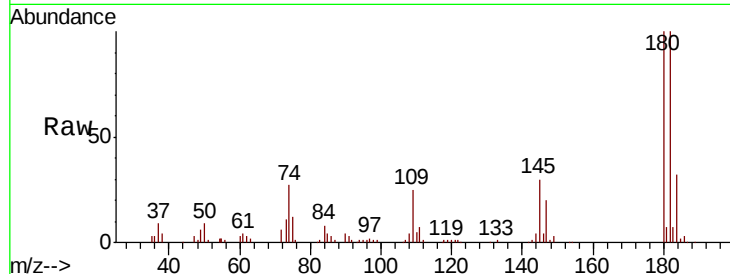




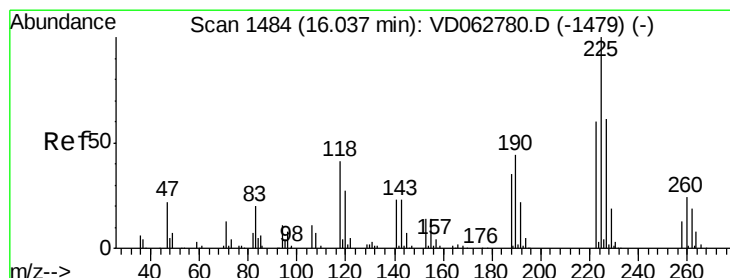
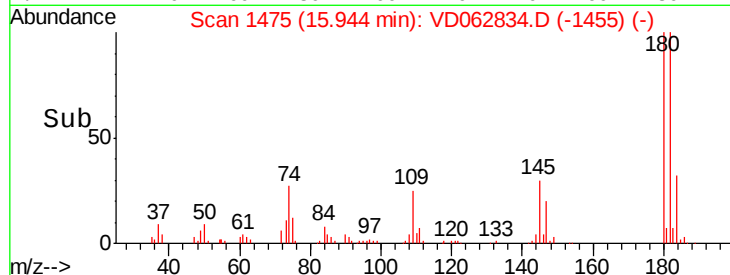
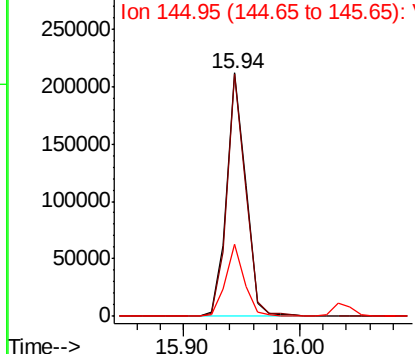
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.657 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. -0.00 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0624SBSD01

Tot Ion:180 Resp: 241418  
 Ion Ratio Lower Upper  
 180 100  
 182 99.5 49.5 148.5  
 145 29.6 13.7 41.0

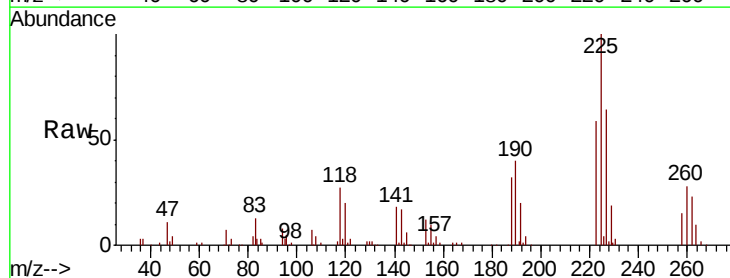


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

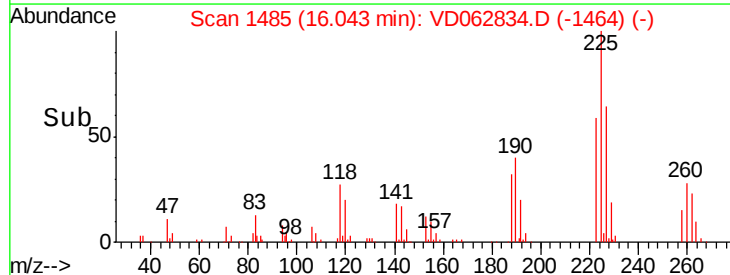
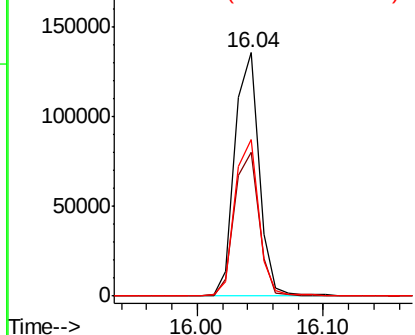


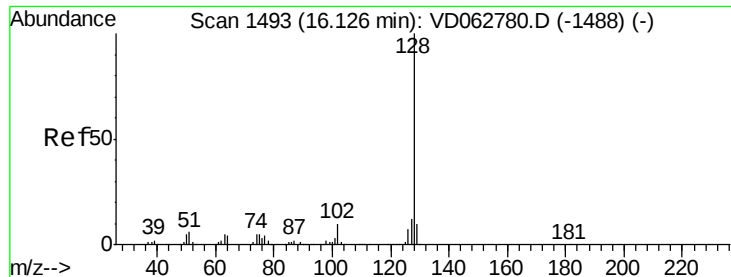
#94  
 Hexachlorobutadiene  
 Concen: 20.117 ug/l  
 RT: 16.04 min Scan# 1485  
 Delta R.T. 0.01 min  
 Lab File: VD062834.D  
 Acq: 24 Jun 2019 12:27

Tgt Ion:225 Resp: 179619  
 Ion Ratio Lower Upper  
 225 100  
 223 58.9 29.8 89.5  
 227 64.4 30.6 91.6



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





#95

Naphthalene

Concen: 21.784 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

Instrument :

MSVOA\_D

ClientSampleId :

VD0624SBSD01

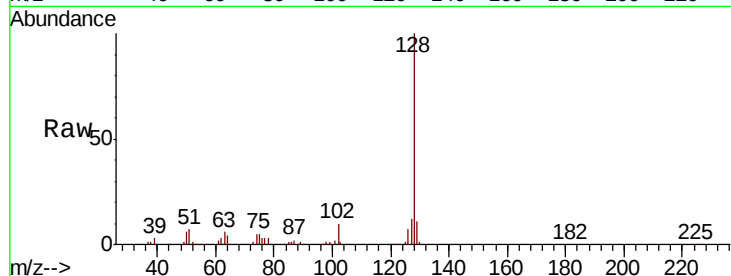
Tot Ion:128 Resp: 356841

Ion Ratio Lower Upper

128 100

127 12.1 9.7 14.5

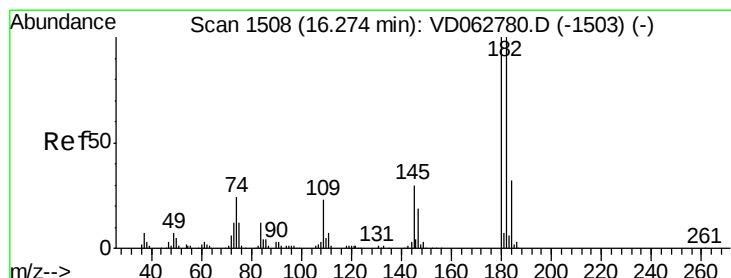
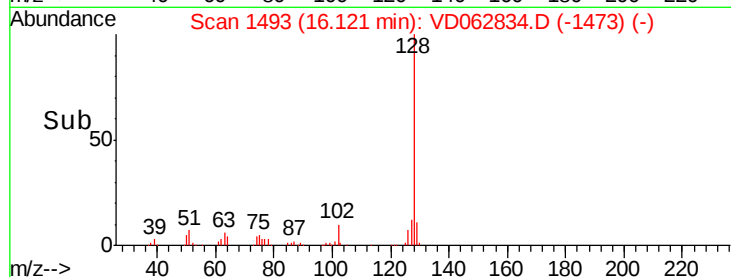
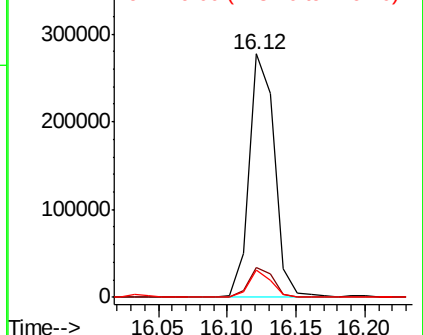
129 11.2 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.468 ug/l

RT: 16.27 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VD062834.D

Acq: 24 Jun 2019 12:27

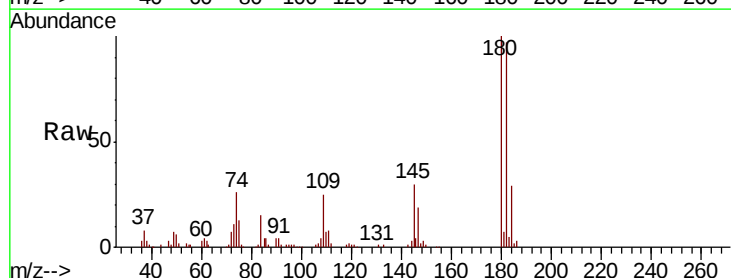
Tgt Ion:180 Resp: 183797

Ion Ratio Lower Upper

180 100

182 97.1 49.9 149.6

145 29.8 15.2 45.5



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

