

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\  
 Data File : VD062648.D  
 Acq On : 10 Jun 2019 12:50  
 Operator : VA/AP  
 Sample : VD0610SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0610SBS01

Quant Time: Jun 11 03:54:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 00:02:21 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.04  | 168  | 688984   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.21  | 114  | 959307   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 827496   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 447605   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.44   | 65  | 545251   | 54.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.68% |      |
| 35) Dibromofluoromethane  | 6.92   | 113 | 514547   | 50.86 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.72% |      |
| 50) Toluene-d8            | 10.40  | 98  | 1124333  | 52.83 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.66% |      |
| 62) 4-Bromofluorobenzene  | 13.55  | 95  | 501312   | 50.49 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.98% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85  | 198818  | 23.452  | ug/l   | 94     |
| 3) Chloromethane              | 1.75 | 50  | 145627  | 21.362  | ug/l   | 100    |
| 4) Vinyl Chloride             | 1.85 | 62  | 143113  | 20.358  | ug/l   | 95     |
| 5) Bromomethane               | 2.14 | 94  | 66308   | 18.687  | ug/l   | 91     |
| 6) Chloroethane               | 2.26 | 64  | 70014   | 20.173  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 2.53 | 101 | 321095  | 20.407  | ug/l   | 98     |
| 8) Diethyl Ether              | 2.87 | 74  | 46775   | 21.857  | ug/l   | 84     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101 | 180464  | 21.267  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.29 | 142 | 186340  | 17.923  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 4.07 | 59  | 36724   | 89.863  | ug/l # | 88     |
| 12) 1,1-Dichloroethene        | 3.12 | 96  | 125132  | 20.548  | ug/l   | 97     |
| 13) Acrolein                  | 3.03 | 56  | 13714   | 104.324 | ug/l   | 97     |
| 14) Allyl chloride            | 3.61 | 41  | 200379  | 21.400  | ug/l   | 91     |
| 15) Acrylonitrile             | 4.19 | 53  | 94872   | 102.160 | ug/l   | 98     |
| 16) Acetone                   | 3.22 | 43  | 184098  | 101.123 | ug/l   | 98     |
| 17) Carbon Disulfide          | 3.36 | 76  | 341884  | 19.051  | ug/l   | 97     |
| 18) Methyl Acetate            | 3.64 | 43  | 64518   | 21.564  | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 4.23 | 73  | 314658  | 21.186  | ug/l   | 99     |
| 20) Methylene Chloride        | 3.81 | 84  | 134546  | 19.289  | ug/l # | 92     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96  | 137505  | 20.585  | ug/l   | 84     |
| 22) Diisopropyl ether         | 5.12 | 45  | 396818  | 20.410  | ug/l # | 99     |
| 23) Vinyl Acetate             | 5.05 | 43  | 1266897 | 105.035 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 4.97 | 63  | 262875  | 21.017  | ug/l   | 100    |
| 25) 2-Butanone                | 6.07 | 43  | 177000  | 99.657  | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.01 | 77  | 292238  | 20.273  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.03 | 96  | 146943  | 20.292  | ug/l   | 95     |
| 28) Bromochloromethane        | 6.43 | 49  | 89300   | 18.678  | ug/l   | 100    |
| 29) Tetrahydrofuran           | 6.45 | 42  | 84539   | 105.697 | ug/l   | 98     |
| 30) Chloroform                | 6.66 | 83  | 322153  | 20.075  | ug/l   | 93     |
| 31) Cyclohexane               | 6.94 | 56  | 153508  | 19.565  | ug/l   | 86     |
| 32) 1,1,1-Trichloroethane     | 6.86 | 97  | 347903  | 21.787  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.13 | 75  | 208367  | 18.978  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.18 | 43  | 88751   | 19.704  | ug/l # | 93     |
| 38) Carbon Tetrachloride      | 7.10 | 117 | 334946  | 19.301  | ug/l   | 94     |

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 Sample : VD0610SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0610SBS01

Quant Time: Jun 11 03:54:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 00:02:21 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.86  | 83   | 186330   | 21.001  | ug/l   | 96       |
| 40) Benzene                    | 7.45  | 78   | 430335   | 20.070  | ug/l   | 100      |
| 41) Methacrylonitrile          | 6.45  | 41   | 112936   | 19.650  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 7.57  | 62   | 251528   | 19.682  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 9.23  | 43   | 113456   | 19.585  | ug/l # | 95       |
| 44) Trichloroethene            | 8.53  | 130  | 156912   | 18.026  | ug/l   | 90       |
| 45) 1,2-Dichloropropane        | 8.93  | 63   | 105487   | 20.482  | ug/l   | 89       |
| 46) Dibromomethane             | 9.05  | 93   | 91955    | 20.115  | ug/l   | 89       |
| 47) Bromodichloromethane       | 9.37  | 83   | 252392   | 20.295  | ug/l # | 95       |
| 48) Methyl methacrylate        | 9.11  | 41   | 83150    | 19.868  | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.08  | 88   | 13261    | 384.848 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.29 | 43   | 404222   | 99.720  | ug/l   | 94       |
| 52) Toluene                    | 10.50 | 92   | 289630   | 20.096  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.90 | 75   | 208311   | 20.431  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 10.03 | 75   | 219121   | 20.793  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 96507    | 19.525  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 11.03 | 69   | 108110   | 20.663  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 11.40 | 76   | 158205   | 20.651  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.85  | 63   | 287488   | 108.825 | ug/l   | 98       |
| 59) 2-Hexanone                 | 11.52 | 43   | 317526   | 105.305 | ug/l   | 95       |
| 60) Dibromochloromethane       | 11.68 | 129  | 194891   | 19.975  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 119407   | 20.185  | ug/l   | 96       |
| 64) Tetrachloroethene          | 11.25 | 164  | 157226   | 20.297  | ug/l   | 95       |
| 65) Chlorobenzene              | 12.39 | 112  | 375568   | 20.519  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 176639   | 20.234  | ug/l   | 95       |
| 67) Ethyl Benzene              | 12.52 | 91   | 642223   | 19.789  | ug/l   | 96       |
| 68) m/p-Xylenes                | 12.67 | 106  | 428424   | 37.551  | ug/l   | 94       |
| 69) o-Xylene                   | 13.05 | 106  | 213282   | 20.355  | ug/l   | 94       |
| 70) Styrene                    | 13.07 | 104  | 363919   | 19.465  | ug/l   | 98       |
| 71) Bromoform                  | 13.23 | 173  | 124981   | 20.437  | ug/l   | 96       |
| 73) Isopropylbenzene           | 13.40 | 105  | 658483   | 20.872  | ug/l   | 96       |
| 74) N-amyl acetate             | 13.26 | 43   | 177182   | 20.780  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 107385   | 19.892  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 130610   | 21.521  | ug/l   | 100      |
| 77) Bromobenzene               | 13.67 | 156  | 183162   | 20.312  | ug/l   | 92       |
| 78) n-propylbenzene            | 13.77 | 91   | 792972   | 20.534  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 455407   | 20.140  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 597009   | 21.411  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 27679    | 18.075  | ug/l # | 89       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 572616   | 21.176  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 662970   | 21.557  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 586436   | 21.242  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 674147   | 20.905  | ug/l   | 95       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 634742   | 20.216  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 346540   | 21.214  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 330223   | 21.390  | ug/l   | 94       |
| 89) n-Butylbenzene             | 14.79 | 91   | 608562   | 21.545  | ug/l   | 96       |
| 90) Hexachloroethane           | 15.00 | 117  | 166738   | 20.116  | ug/l   | 73       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 280818   | 20.680  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 25055    | 21.728  | ug/l   | 85       |

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Sample : VD0610SBS01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

Quant Time: Jun 11 03:54:27 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060719S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 08 00:02:21 2019  
Response via : Initial Calibration

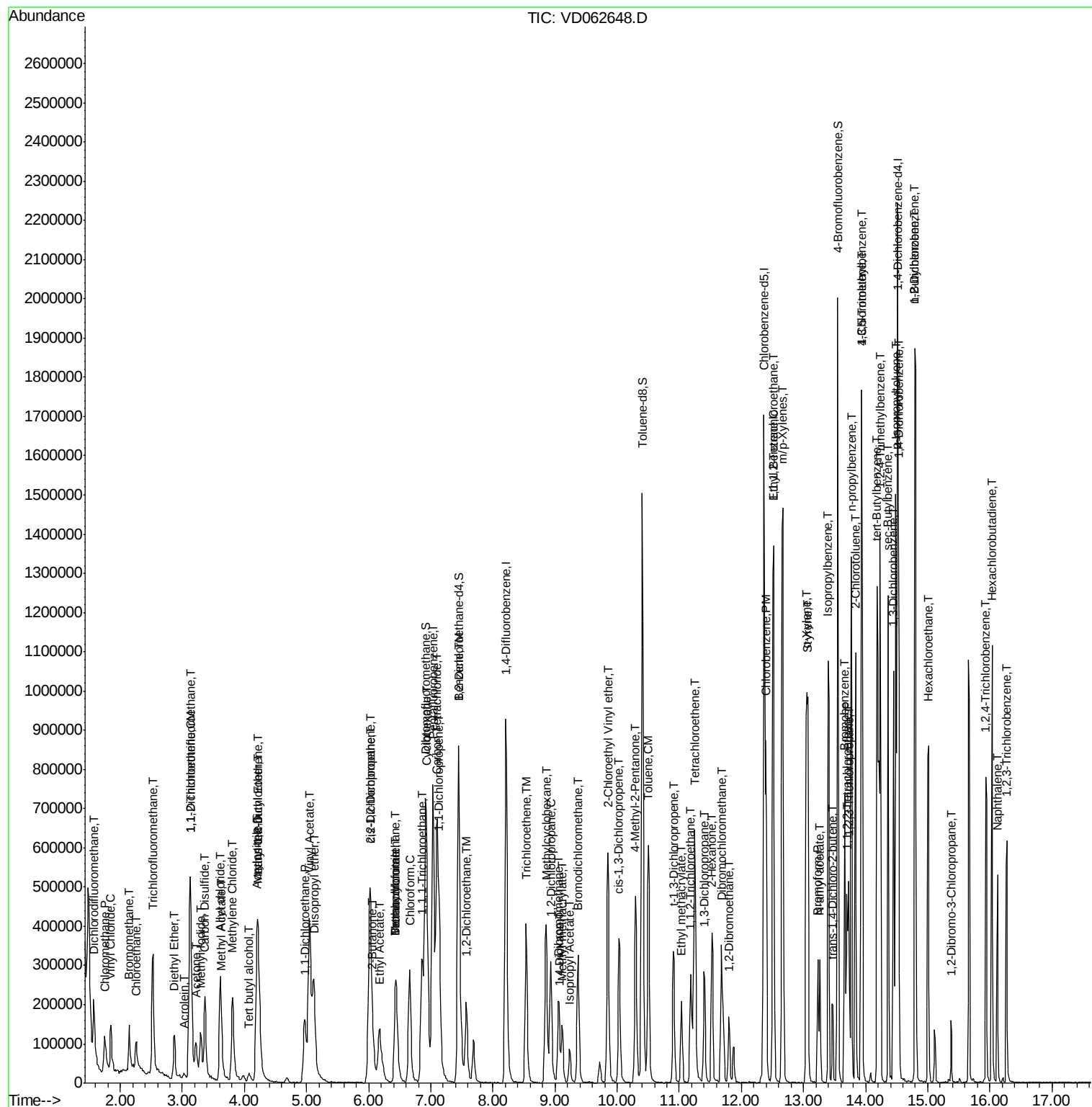
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 207636   | 20.307 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 164521   | 20.521 | ug/l  | 98       |
| 95) Naphthalene            | 16.12 | 128  | 297733   | 20.517 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 155620   | 19.896 | ug/l  | 99       |

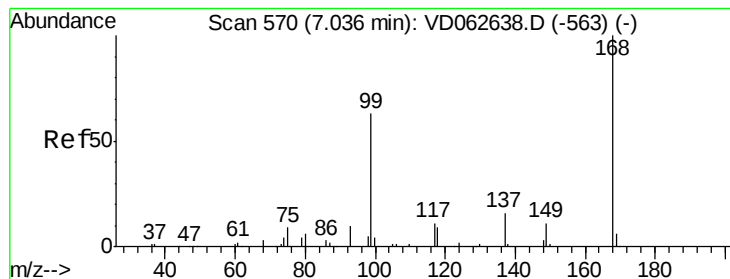
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Data File : VD062648.D  
Acq On : 10 Jun 2019 12:50  
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Sample : VD0610SBS01  
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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
Client Sample Id :  
VD0610SBS01

Quant Time: Jun 11 03:54:27 2019  
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Quant Title : SW846 8260  
QLast Update : Sat Jun 08 00:02:21 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

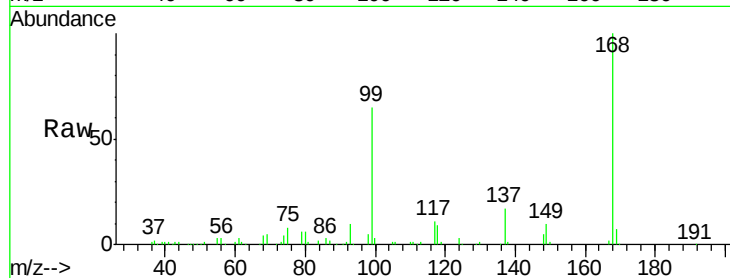
VD0610SBS01

Tot Ion:168 Resp: 688984

Ion Ratio Lower Upper

168 100

99 64.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

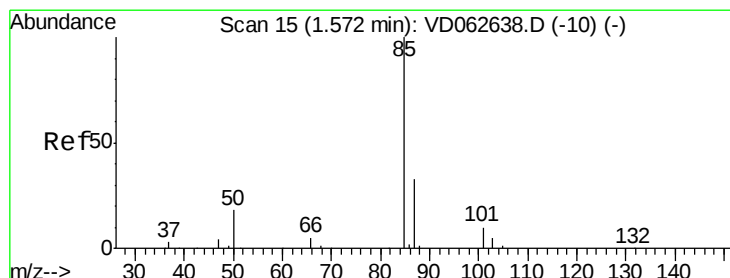
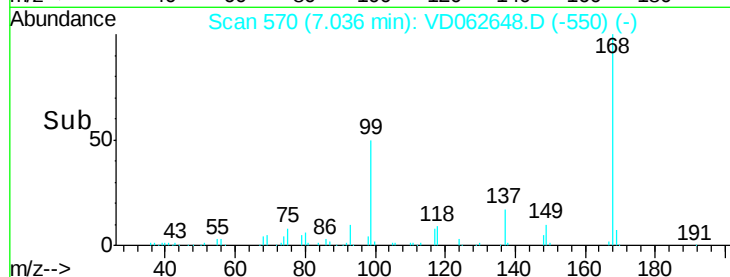
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50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 23.452 ug/l

RT: 1.57 min Scan# 15

Delta R.T. 0.00 min

Lab File: VD062648.D

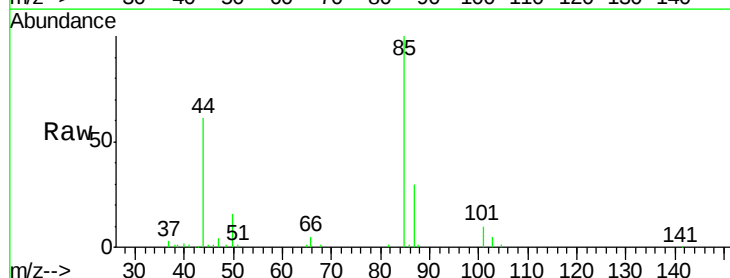
Acq: 10 Jun 2019 12:50

Tgt Ion: 85 Resp: 198818

Ion Ratio Lower Upper

85 100

87 29.8 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.57

100000

80000

60000

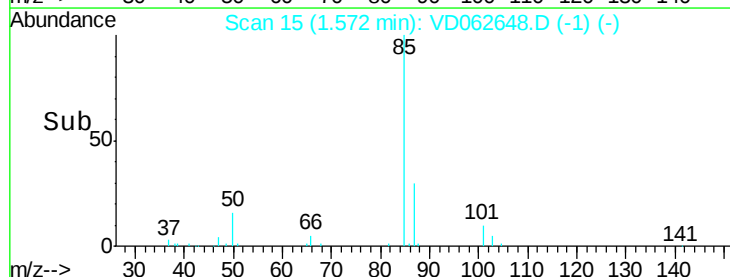
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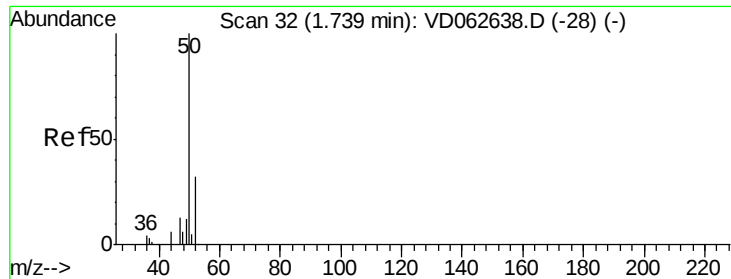
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0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 21.362 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

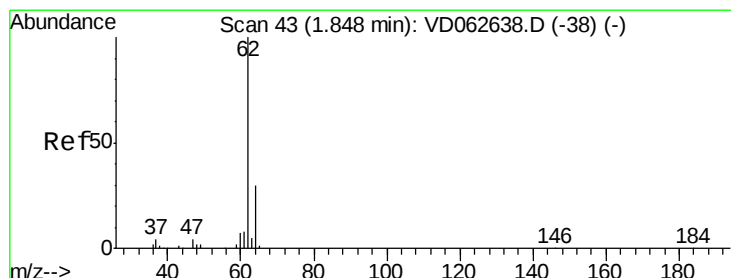
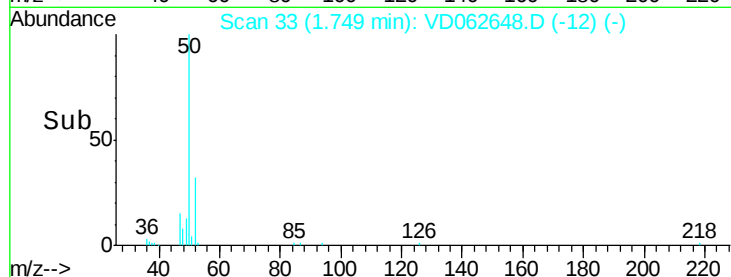
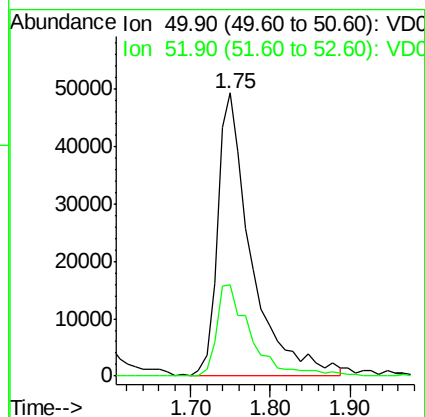
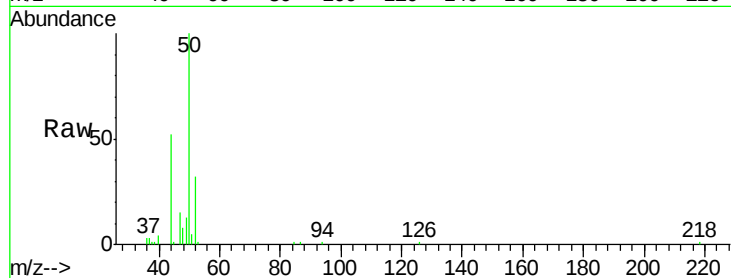
VD0610SBS01

Tot Ion: 50 Resp: 145627

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.8



#4

Vinyl Chloride

Concen: 20.358 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.00 min

Lab File: VD062648.D

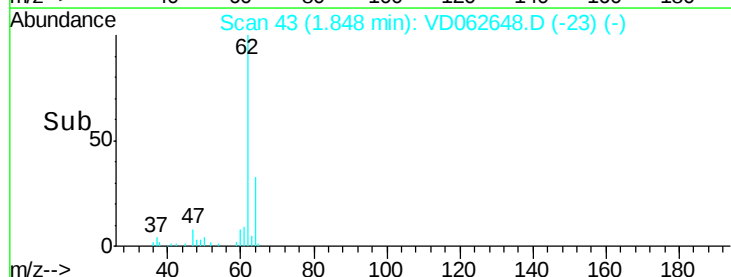
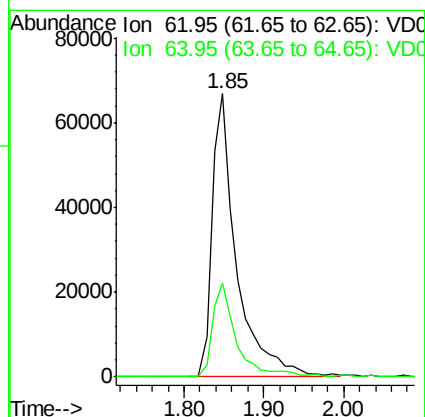
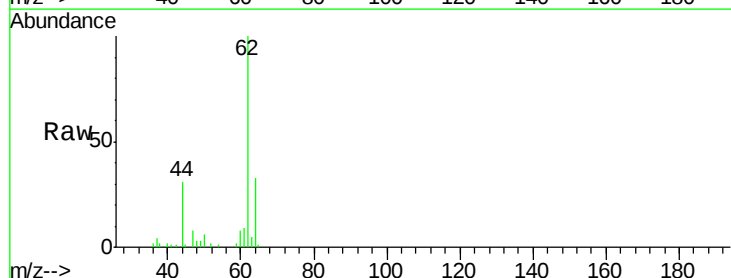
Acq: 10 Jun 2019 12:50

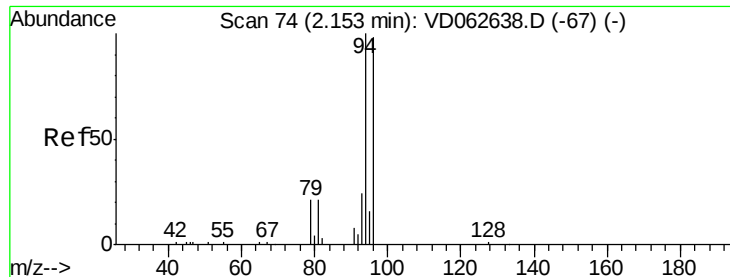
Tgt Ion: 62 Resp: 143113

Ion Ratio Lower Upper

62 100

64 33.2 24.2 36.4





#5

Bromomethane

Concen: 18.687 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

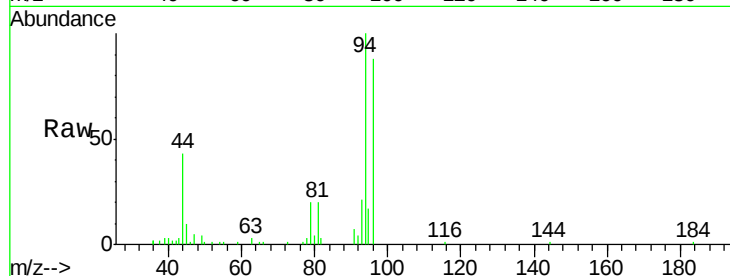
Tot Ion: 94 Resp: 66308

Ion Ratio Lower Upper

94 100

96 87.6 78.1 117.1

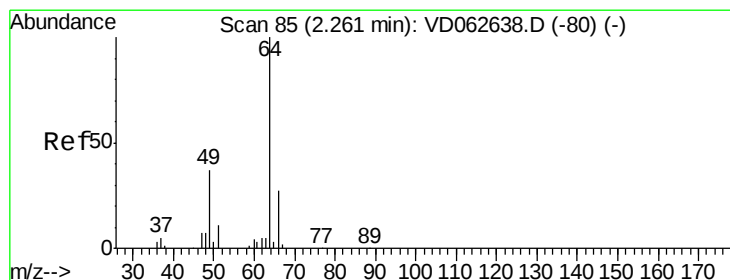
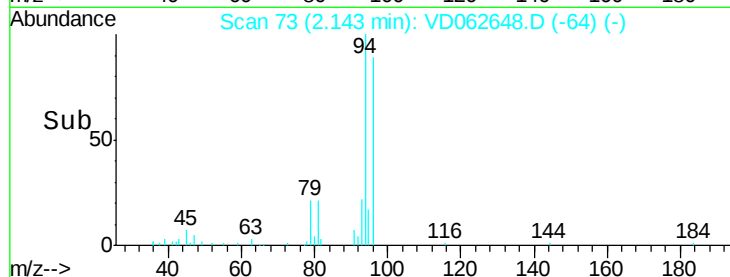
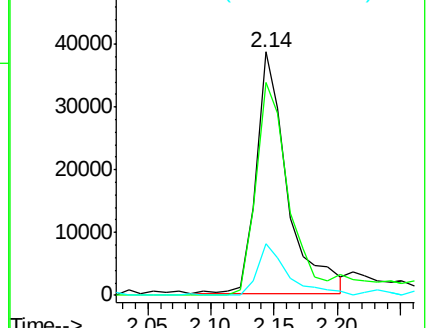
93 21.2 19.6 29.4



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 20.173 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VD062648.D

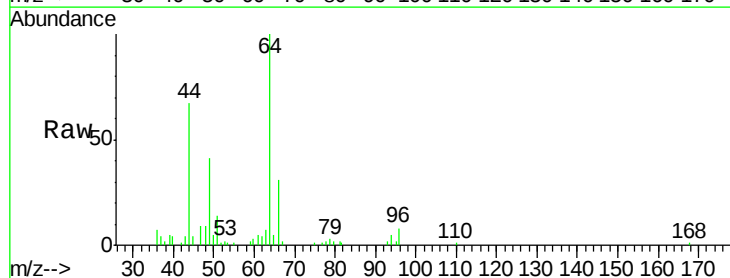
Acq: 10 Jun 2019 12:50

Tgt Ion: 64 Resp: 70014

Ion Ratio Lower Upper

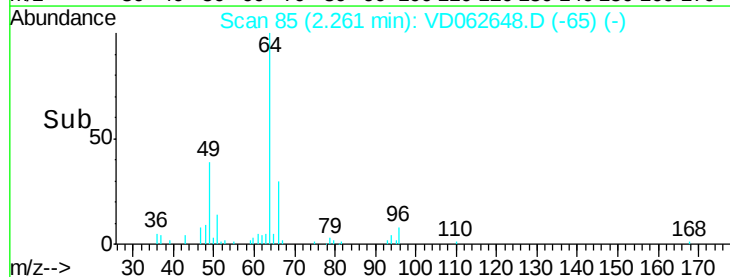
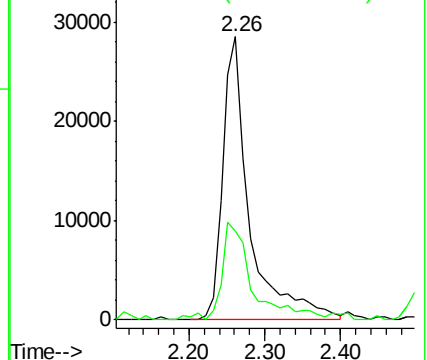
64 100

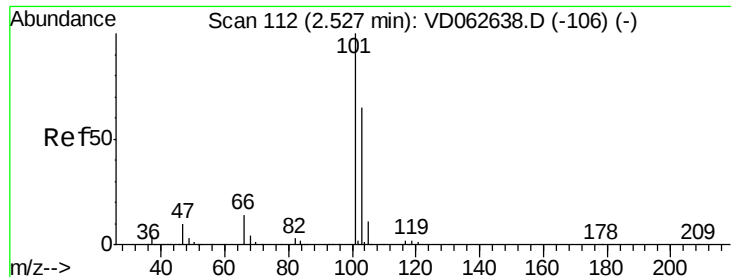
66 31.3 21.9 32.9



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



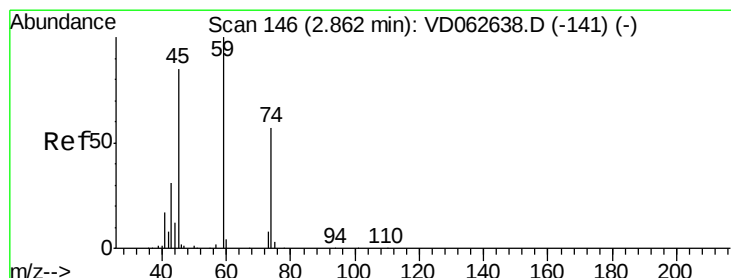
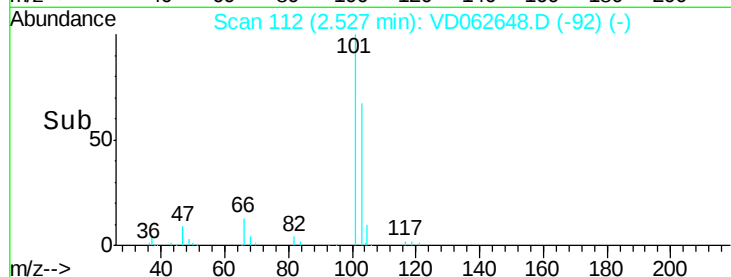
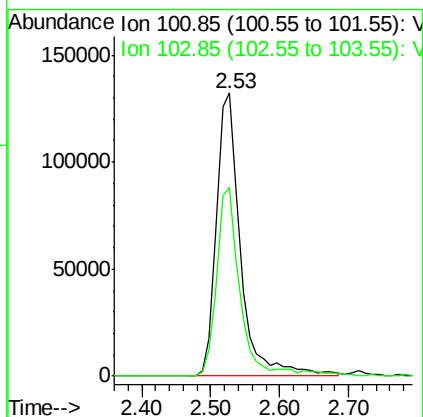
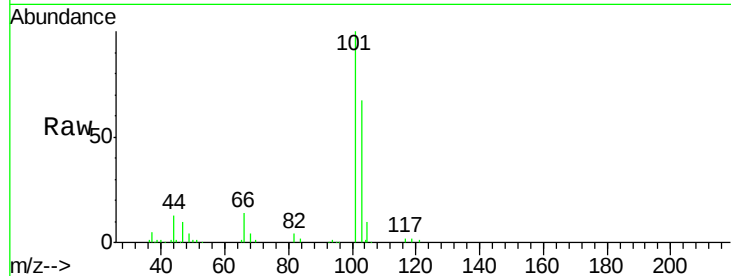


#7

Trichlorofluoromethane  
 Concen: 20.407 ug/l  
 RT: 2.53 min Scan# 112  
 Delta R.T. 0.00 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0610SBS01

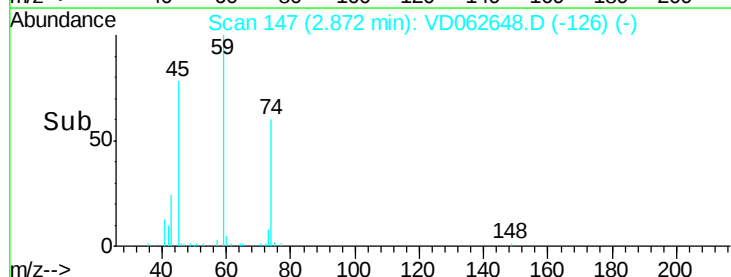
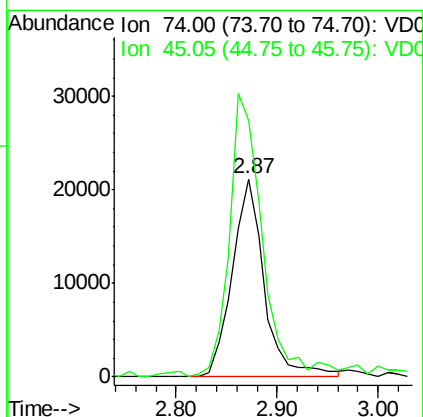
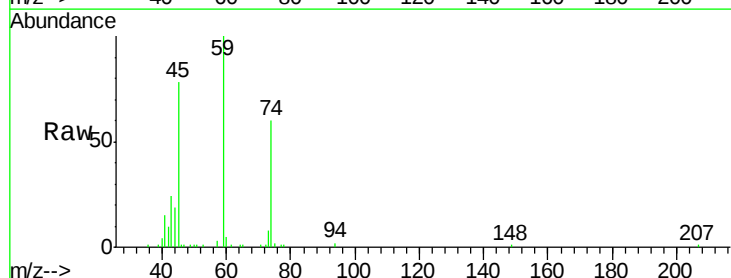
Tot Ion:101 Resp: 321095  
 Ion Ratio Lower Upper  
 101 100  
 103 66.5 52.2 78.2

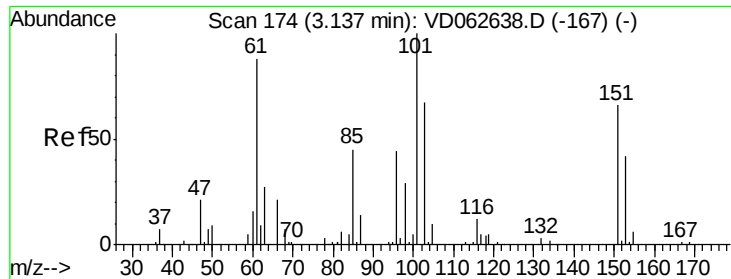


#8

Diethyl Ether  
 Concen: 21.857 ug/l  
 RT: 2.87 min Scan# 147  
 Delta R.T. 0.01 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Tgt Ion: 74 Resp: 46775  
 Ion Ratio Lower Upper  
 74 100  
 45 129.6 74.9 224.7

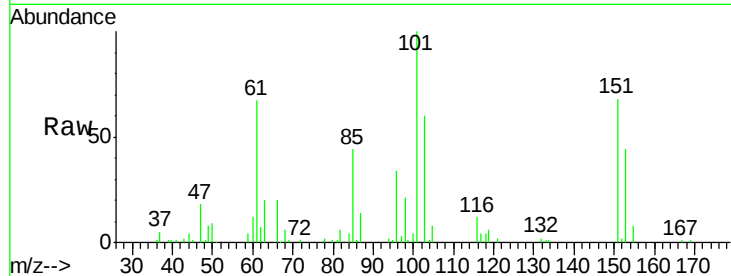




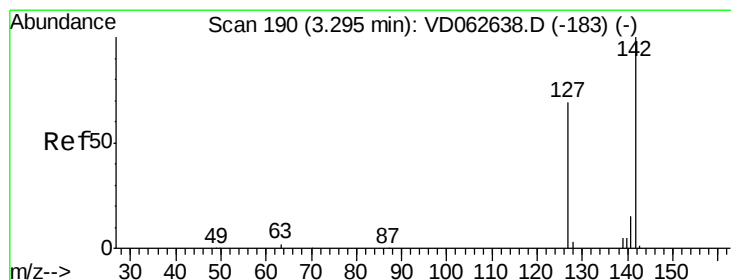
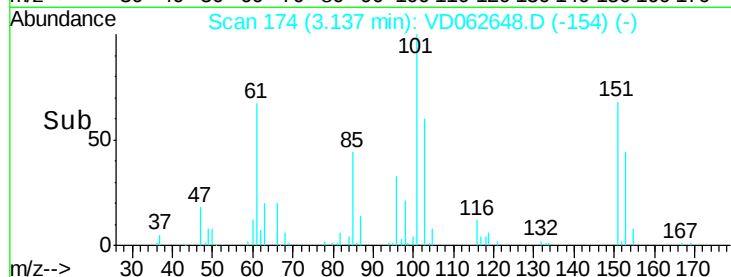
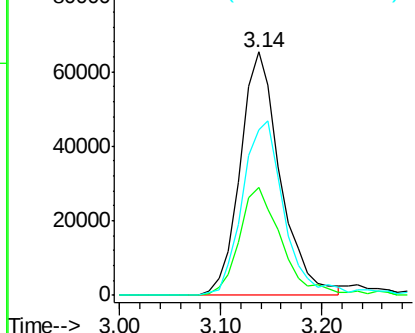
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 21.267 ug/l  
 RT: 3.14 min Scan# 174  
 Delta R.T. 0.00 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0610SBS01

Tot Ion:101 Resp: 180464  
 Ion Ratio Lower Upper  
 101 100  
 85 44.3 36.0 54.0  
 151 68.1 52.6 79.0

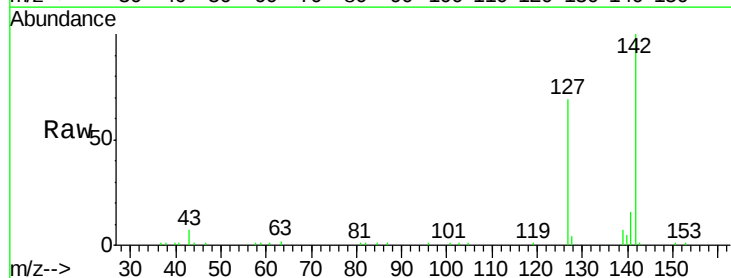


Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 84.95 (84.65 to 85.65): V  
 Ion 150.90 (150.60 to 151.60): V

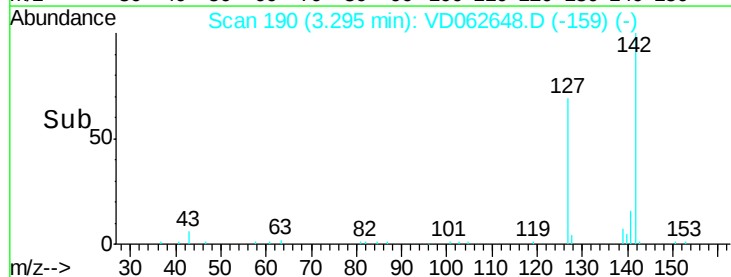
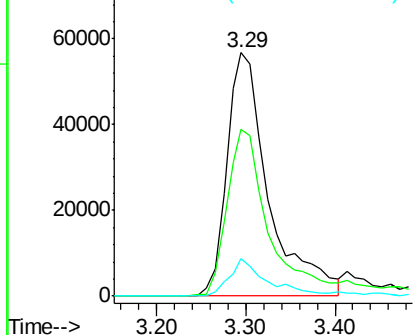


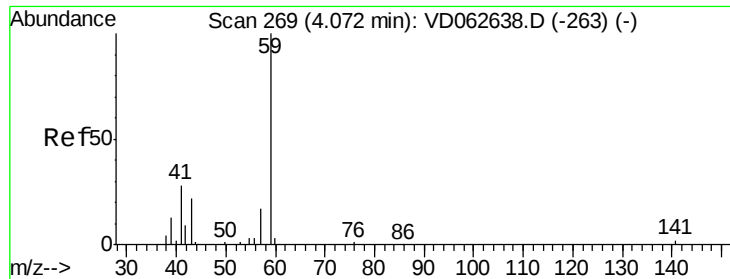
#10  
 Methyl Iodide  
 Concen: 17.923 ug/l  
 RT: 3.29 min Scan# 190  
 Delta R.T. 0.00 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Tgt Ion:142 Resp: 186340  
 Ion Ratio Lower Upper  
 142 100  
 127 68.7 55.2 82.8  
 141 15.6 12.1 18.1



Abundance Ion 141.85 (141.55 to 142.55): V  
 Ion 126.80 (126.50 to 127.50): V  
 Ion 140.85 (140.55 to 141.55): V

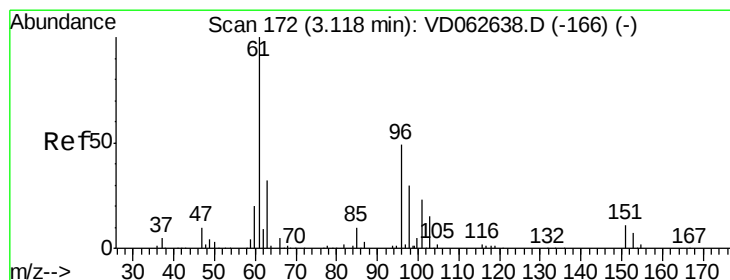
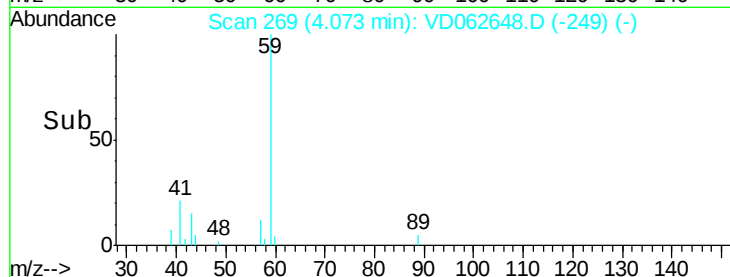
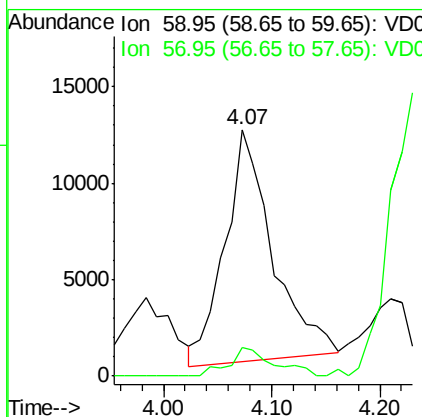
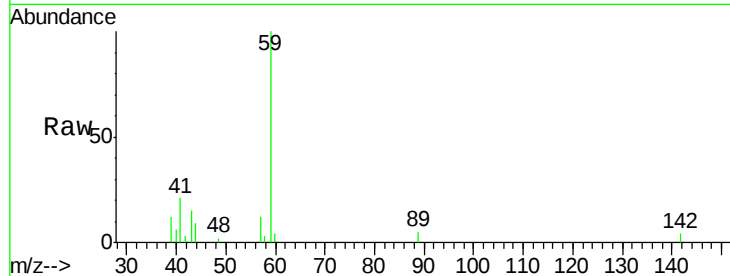




#11  
Tert butyl alcohol  
Concen: 89.863 ug/l  
RT: 4.07 min Scan# 269  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

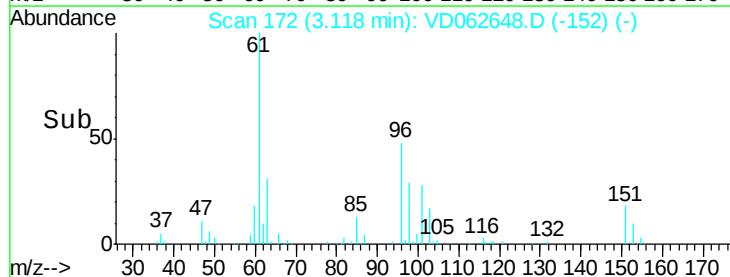
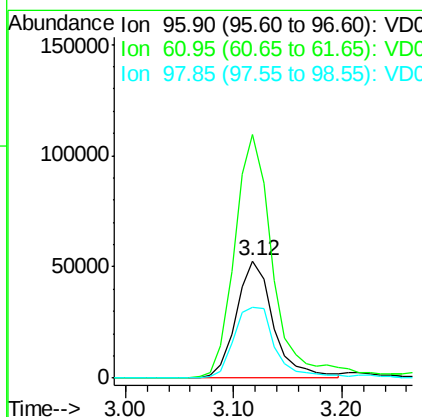
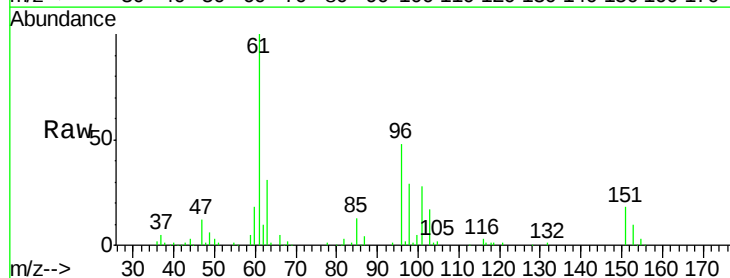
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

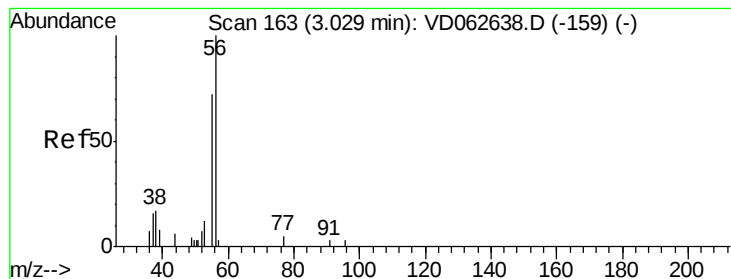
Tot Ion: 59 Resp: 36724  
Ion Ratio Lower Upper  
59 100  
57 11.8 13.7 20.5#



#12  
1,1-Dichloroethene  
Concen: 20.548 ug/l  
RT: 3.12 min Scan# 172  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion: 96 Resp: 125132  
Ion Ratio Lower Upper  
96 100  
61 208.3 161.8 242.8  
98 60.4 48.2 72.4





#13

Acrolein

Concen: 104.324 ug/l

RT: 3.03 min Scan# 163

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

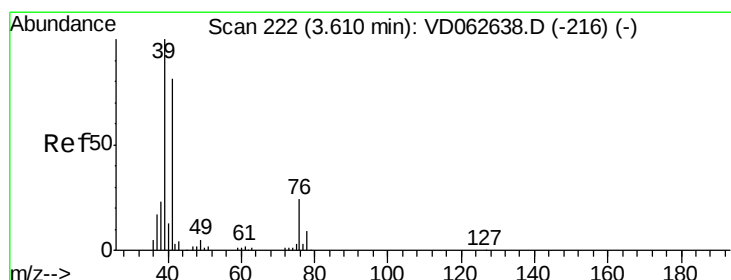
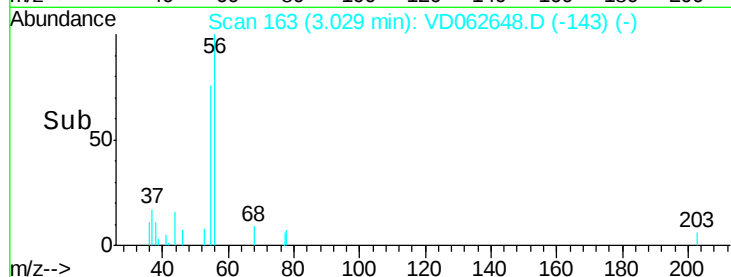
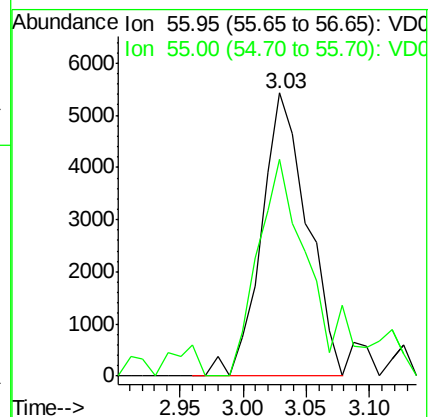
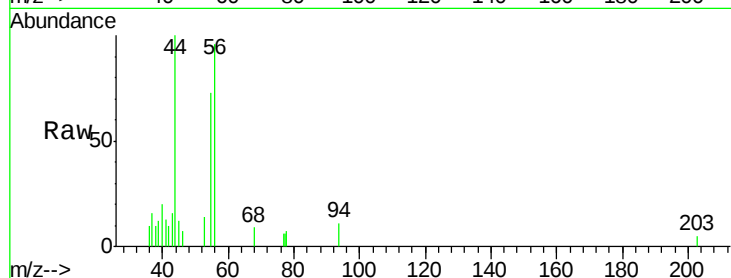
VD0610SBS01

Tot Ion: 56 Resp: 13714

Ion Ratio Lower Upper

56 100

55 76.4 59.4 89.0



#14

Allyl chloride

Concen: 21.400 ug/l

RT: 3.61 min Scan# 222

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

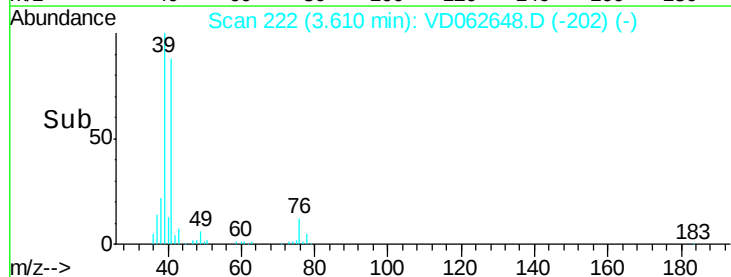
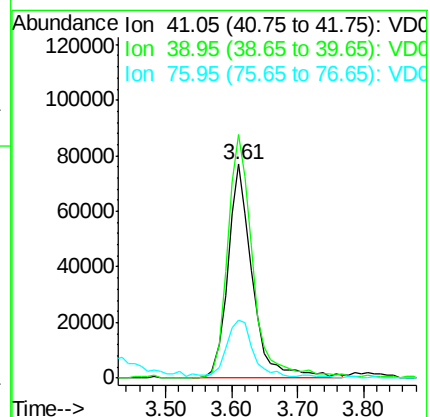
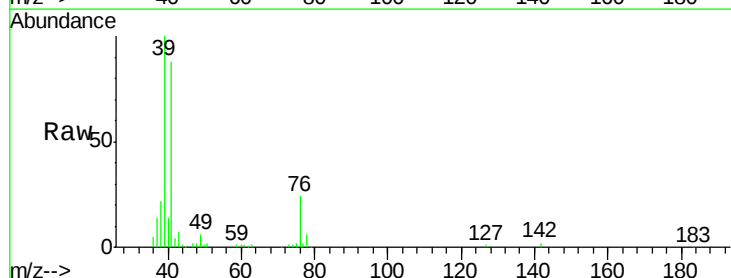
Tgt Ion: 41 Resp: 200379

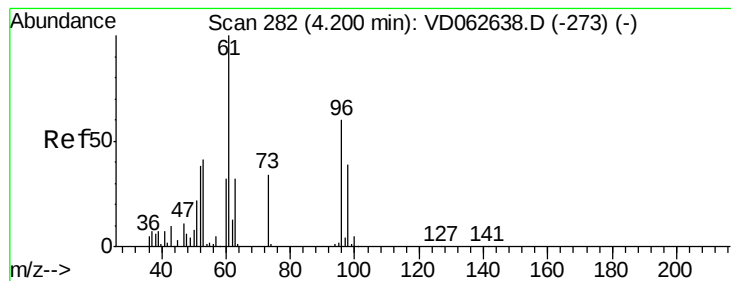
Ion Ratio Lower Upper

41 100

39 113.9 99.1 148.7

76 27.1 25.0 37.6





#15

Acrylonitrile

Concen: 102.160 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

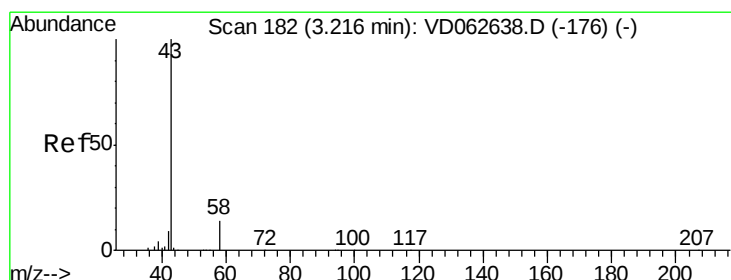
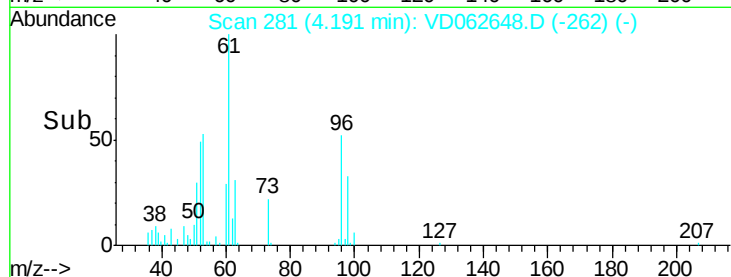
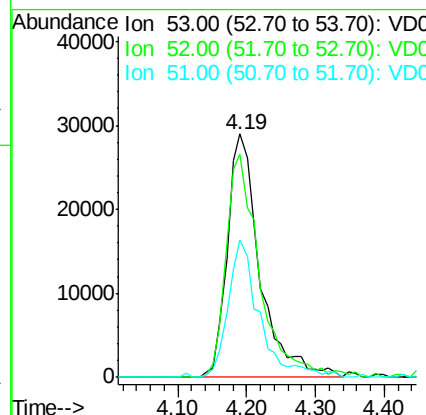
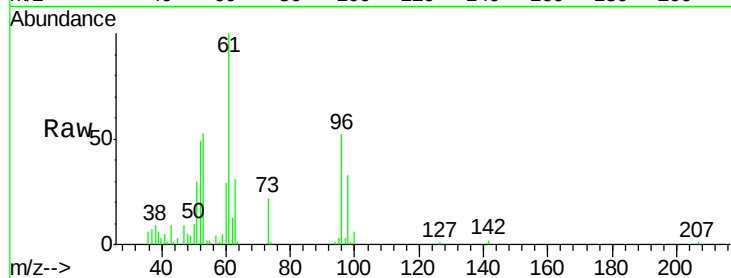
Tot Ion: 53 Resp: 94872

Ion Ratio Lower Upper

53 100

52 91.8 73.6 110.4

51 56.7 42.0 63.0



#16

Acetone

Concen: 101.123 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD062648.D

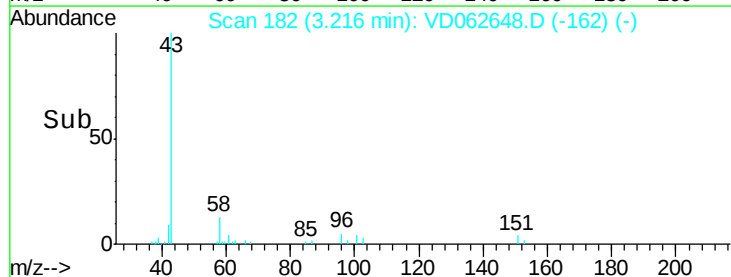
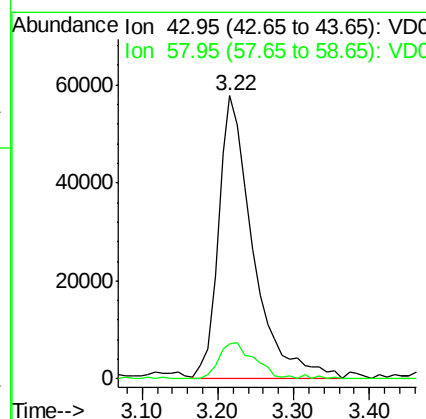
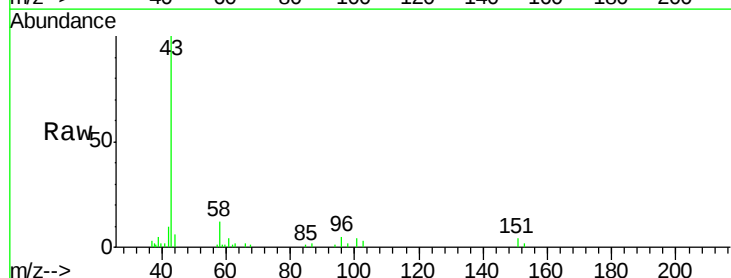
Acq: 10 Jun 2019 12:50

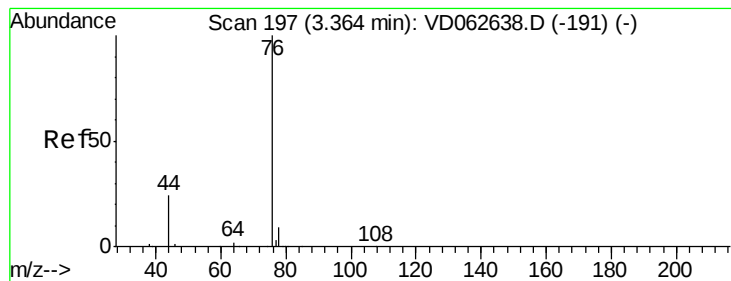
Tgt Ion: 43 Resp: 184098

Ion Ratio Lower Upper

43 100

58 12.5 10.8 16.2





#17

Carbon Disulfide

Concen: 19.051 ug/l

RT: 3.36 min Scan# 197

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

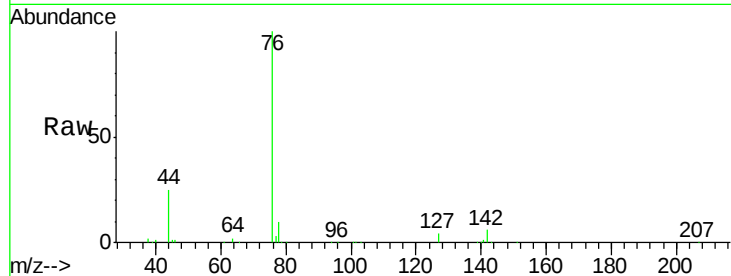
VD0610SBS01

Tot Ion: 76 Resp: 341884

Ion Ratio Lower Upper

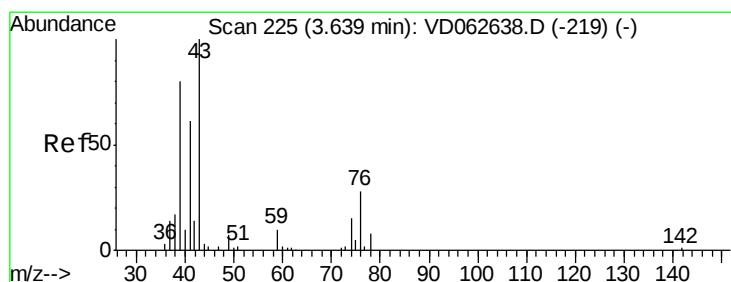
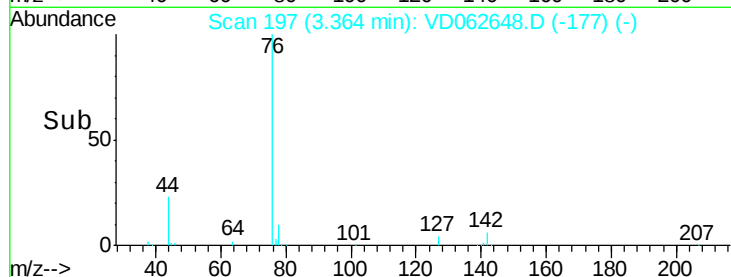
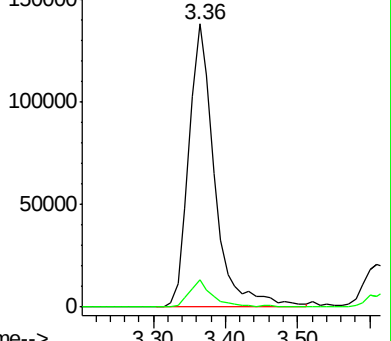
76 100

78 9.6 7.0 10.4



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 21.564 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.00 min

Lab File: VD062648.D

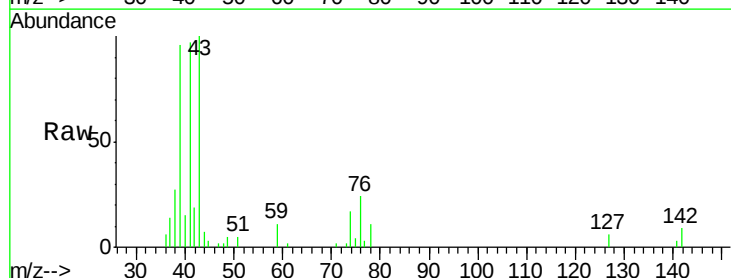
Acq: 10 Jun 2019 12:50

Tgt Ion: 43 Resp: 64518

Ion Ratio Lower Upper

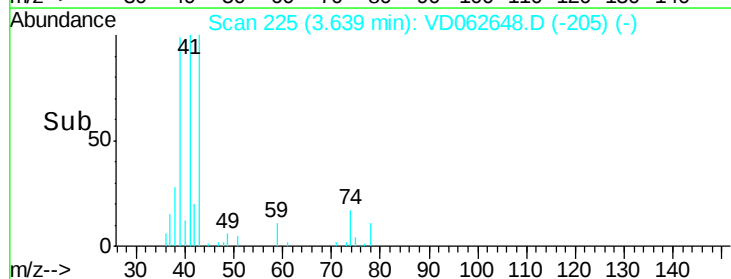
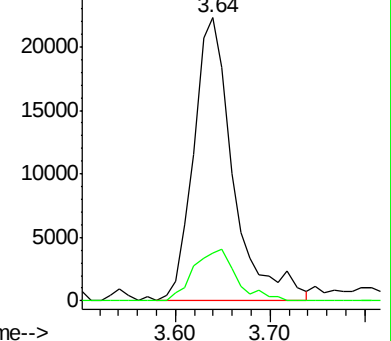
43 100

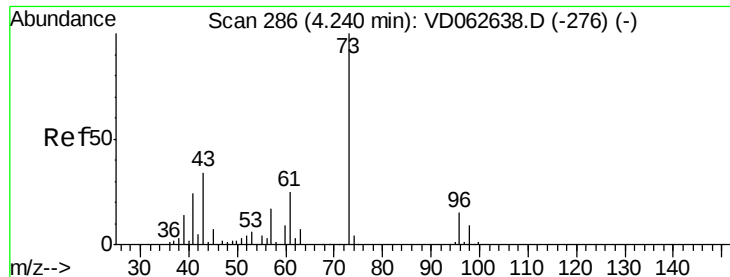
74 16.9 12.1 18.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



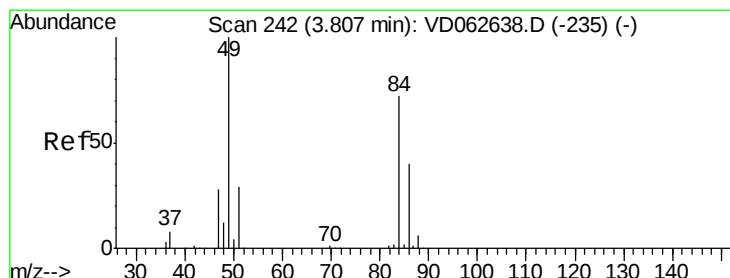
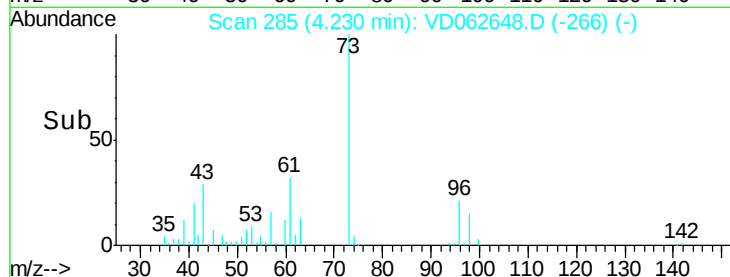
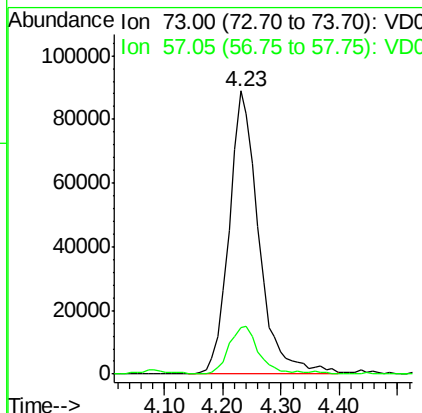
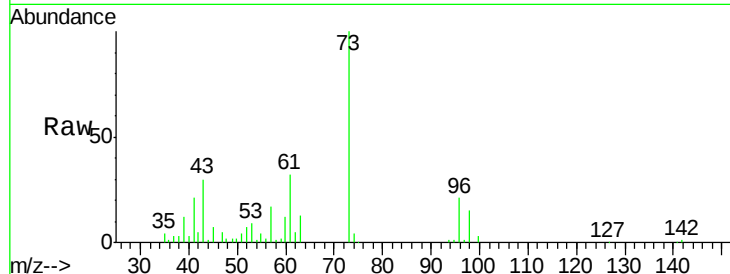


#19

Methyl tert-butyl Ether  
 Concen: 21.186 ug/l  
 RT: 4.23 min Scan# 285  
 Delta R.T. -0.01 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0610SBS01

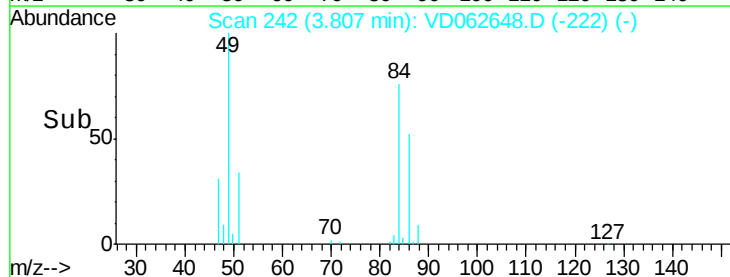
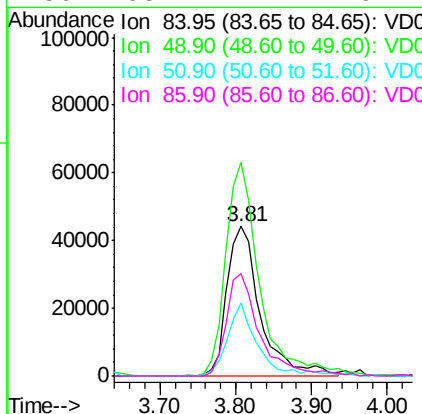
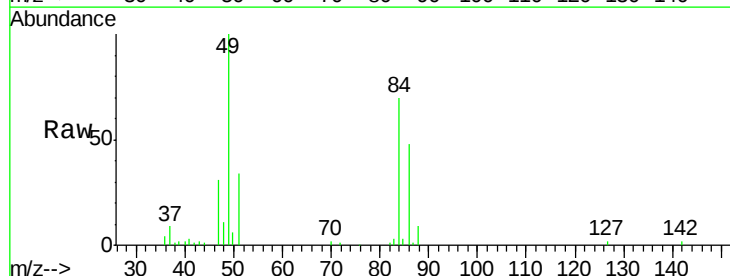
Tot Ion: 73 Resp: 314658  
 Ion Ratio Lower Upper  
 73 100  
 57 16.5 13.5 20.3

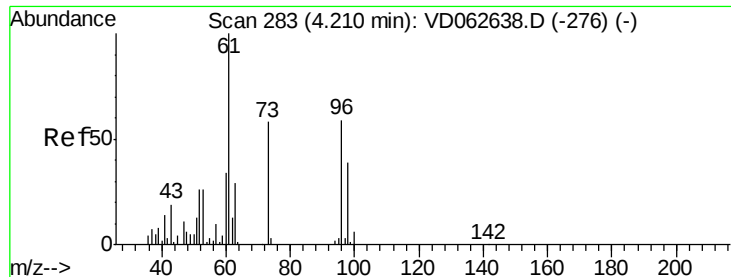


#20

Methylene Chloride  
 Concen: 19.289 ug/l  
 RT: 3.81 min Scan# 242  
 Delta R.T. 0.00 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Tgt Ion: 84 Resp: 134546  
 Ion Ratio Lower Upper  
 84 100  
 49 142.9 111.2 166.8  
 51 48.5 31.9 47.9#  
 86 68.1 44.7 67.1#





#21

trans-1,2-Dichloroethene

Concen: 20.585 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

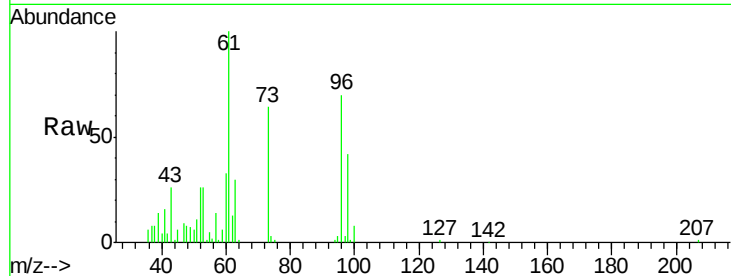
Tot Ion: 96 Resp: 137505

Ion Ratio Lower Upper

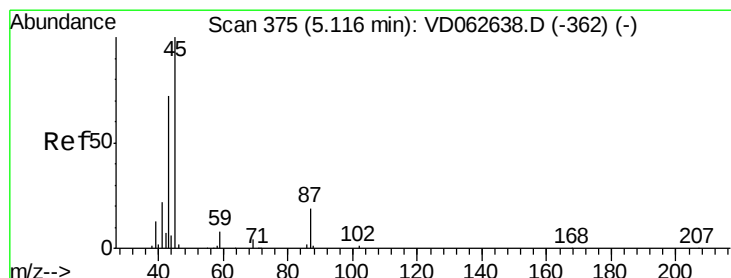
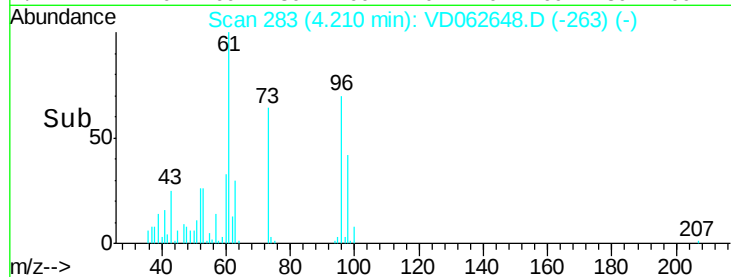
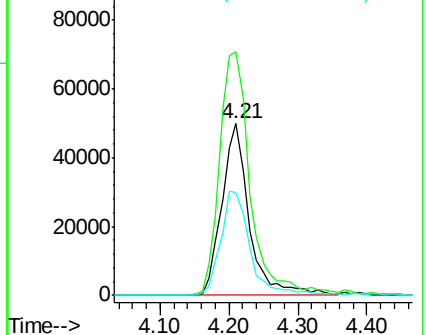
96 100

61 142.0 134.6 201.8

98 59.7 51.8 77.8



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



#22

Diisopropyl ether

Concen: 20.410 ug/l

RT: 5.12 min Scan# 375

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Tgt Ion: 45 Resp: 396818

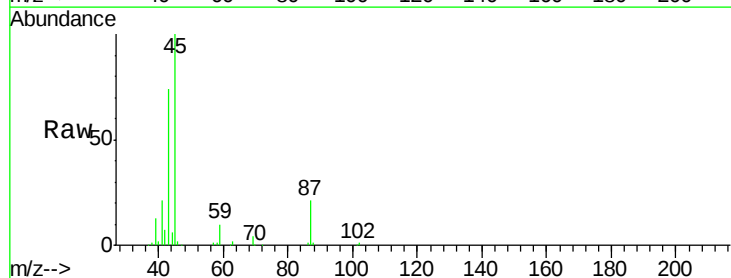
Ion Ratio Lower Upper

45 100

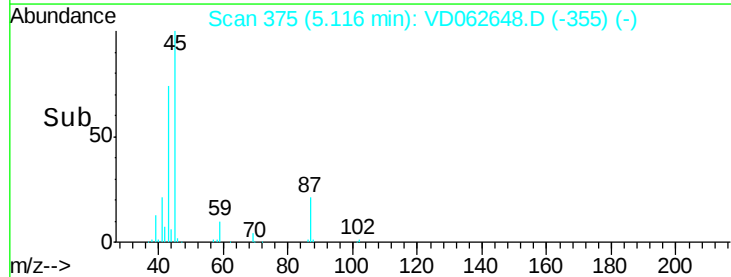
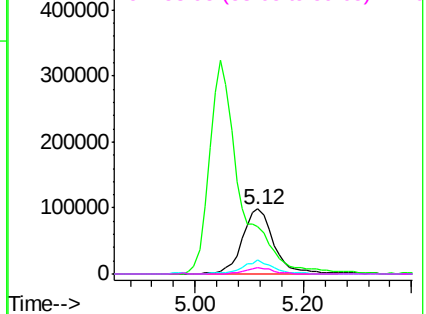
43 73.5 58.8 88.2

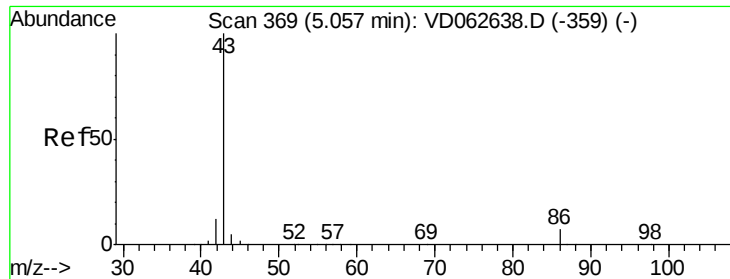
87 21.3 15.7 23.5

59 10.4 6.6 9.8#



Abundance Ion 45.05 (44.75 to 45.75): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 87.00 (86.70 to 87.70): VDC  
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 105.035 ug/l

RT: 5.05 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

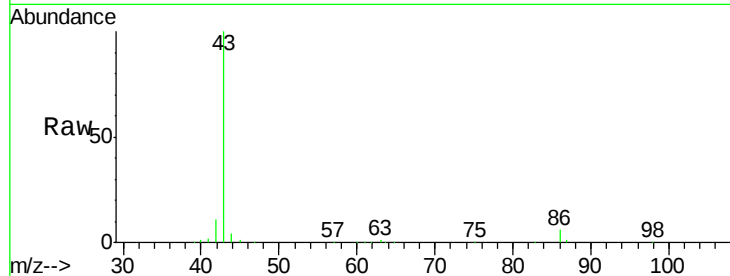
VD0610SBS01

Tot Ion: 43 Resp: 1266897

Ion Ratio Lower Upper

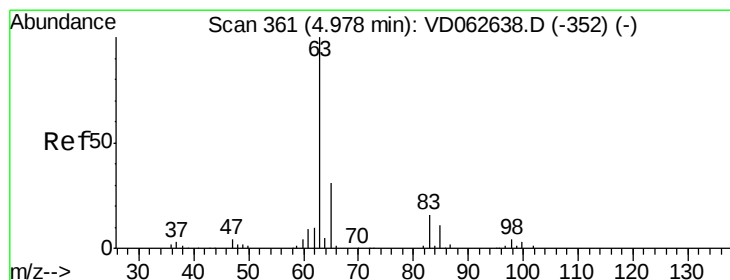
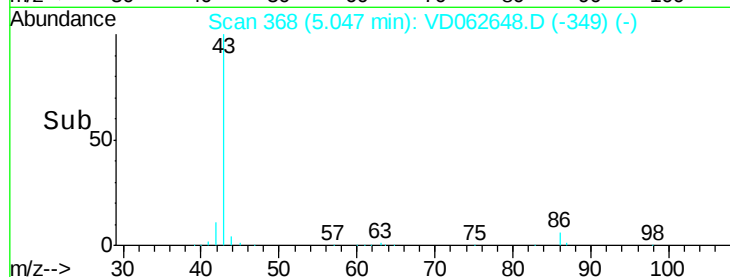
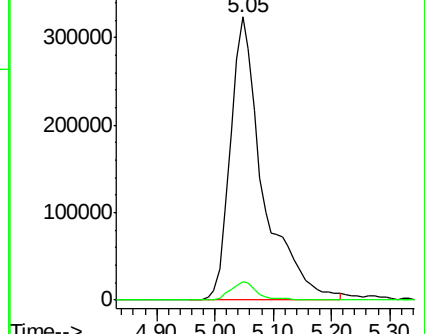
43 100

86 6.3 5.3 7.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.017 ug/l

RT: 4.97 min Scan# 360

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

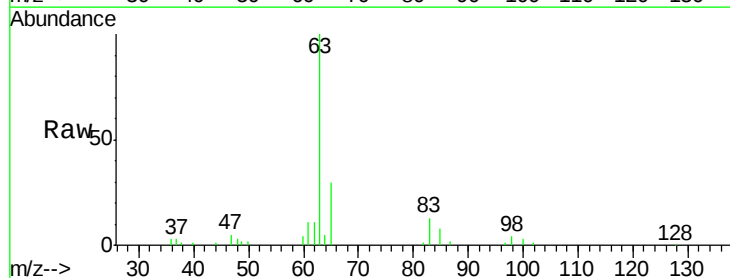
Tgt Ion: 63 Resp: 262875

Ion Ratio Lower Upper

63 100

98 3.6 1.8 5.4

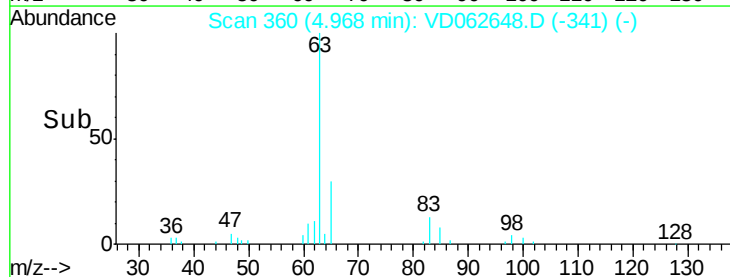
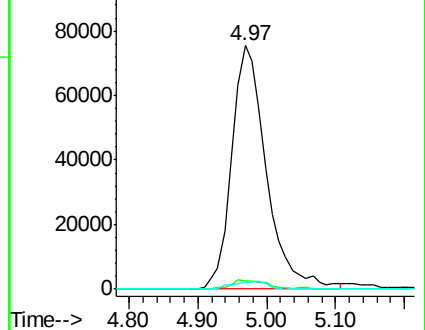
100 2.8 1.5 4.4

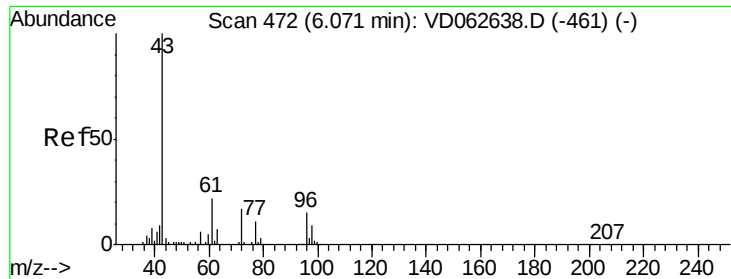


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 99.657 ug/l

RT: 6.07 min Scan# 472

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

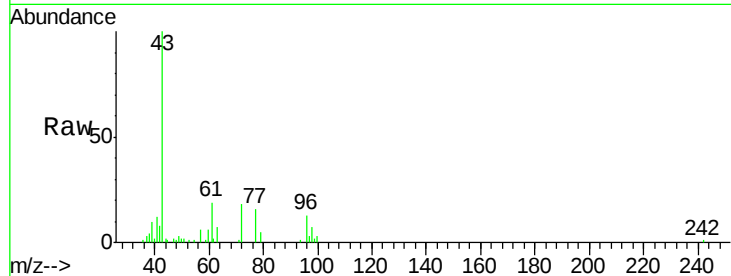
VD0610SBS01

Tot Ion: 43 Resp: 177000

Ion Ratio Lower Upper

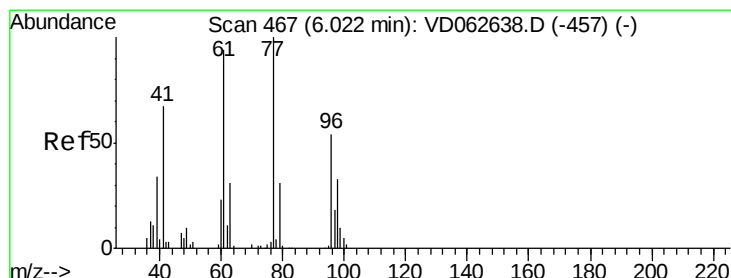
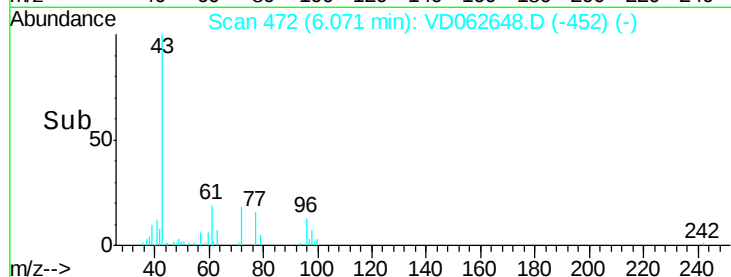
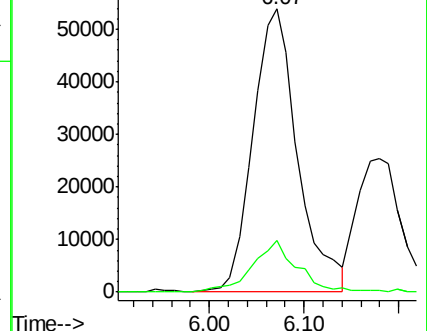
43 100

72 18.1 13.5 20.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.273 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.01 min

Lab File: VD062648.D

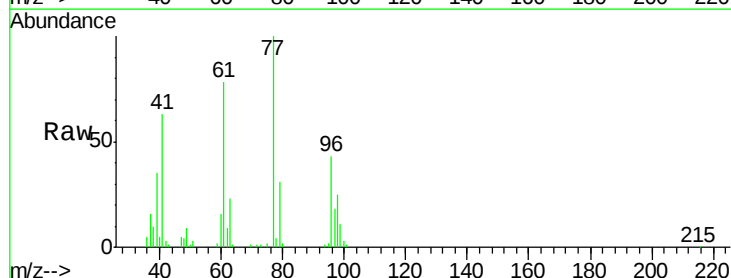
Acq: 10 Jun 2019 12:50

Tgt Ion: 77 Resp: 292238

Ion Ratio Lower Upper

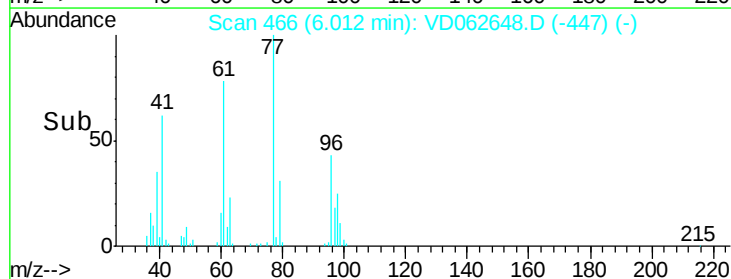
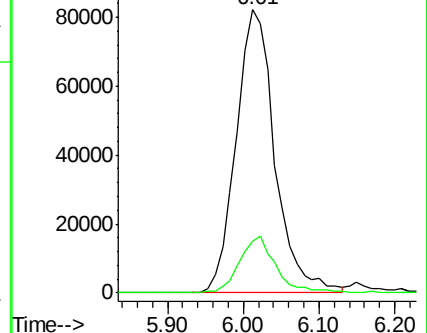
77 100

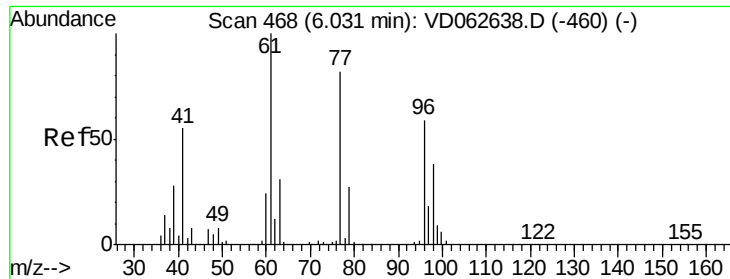
97 18.2 8.8 26.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



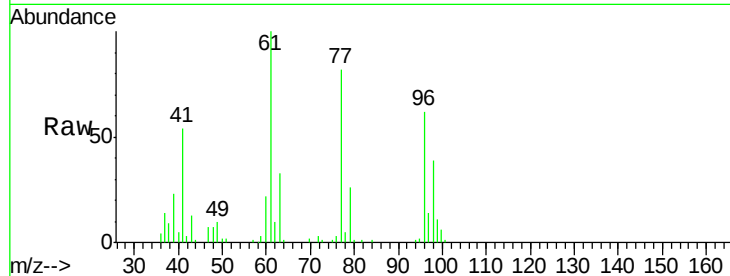


#27

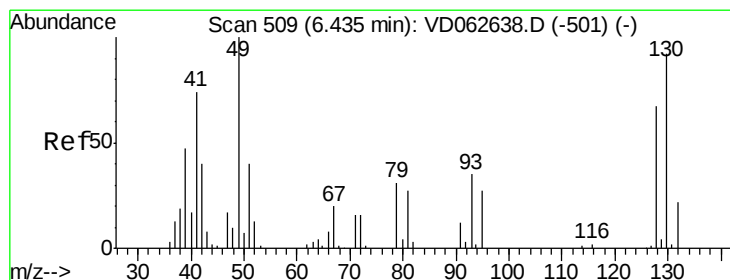
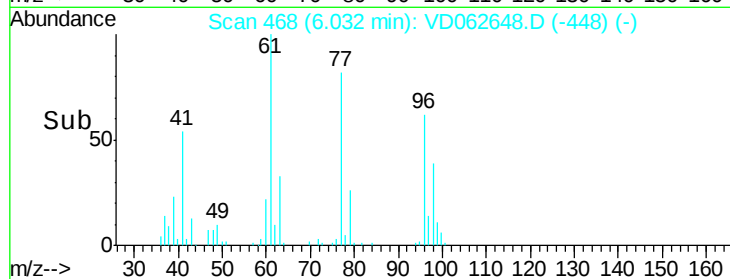
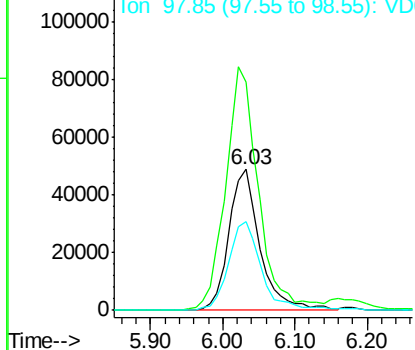
cis-1,2-Dichloroethene  
Concen: 20.292 ug/l  
RT: 6.03 min Scan# 468  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

Tot Ion: 96 Resp: 146943  
Ion Ratio Lower Upper  
96 100  
61 161.6 0.0 340.0  
98 62.5 0.0 127.6



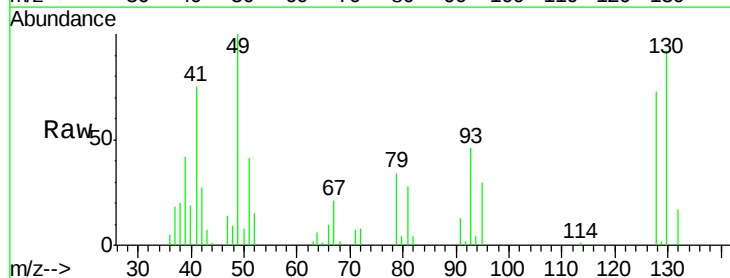
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



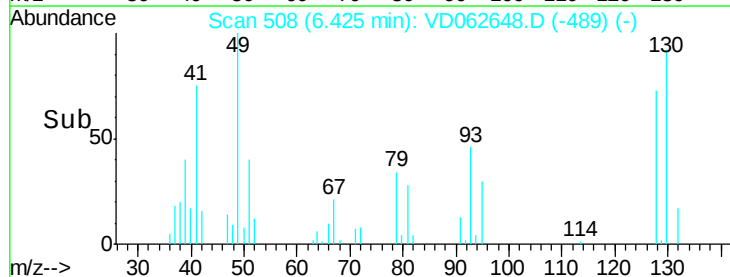
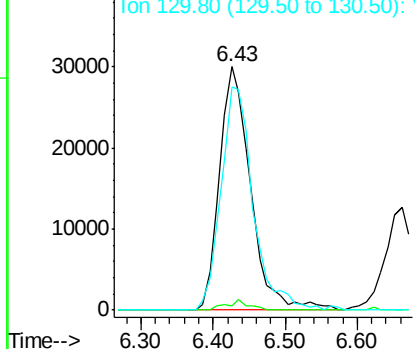
#28

Bromochloromethane  
Concen: 18.678 ug/l  
RT: 6.43 min Scan# 508  
Delta R.T. -0.01 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion: 49 Resp: 89300  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 8.2  
130 91.8 73.4 110.0



Abundance Ion 48.90 (48.60 to 49.60): VDC  
Ion 128.80 (128.50 to 129.50): VDC  
Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 105.697 ug/l

RT: 6.45 min Scan# 510

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

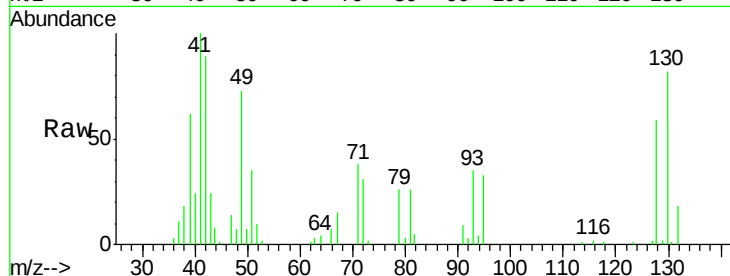
Tot Ion: 42 Resp: 84539

Ion Ratio Lower Upper

42 100

72 40.1 33.8 50.6

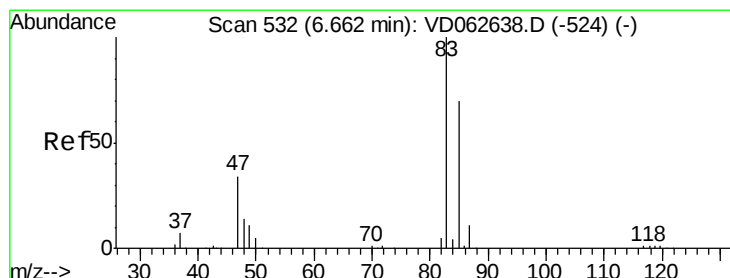
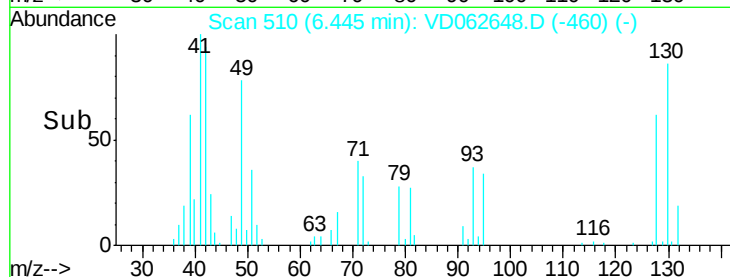
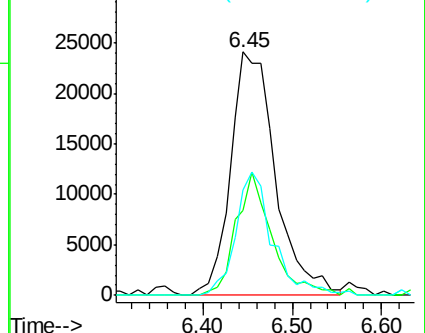
71 41.9 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 20.075 ug/l

RT: 6.66 min Scan# 532

Delta R.T. 0.00 min

Lab File: VD062648.D

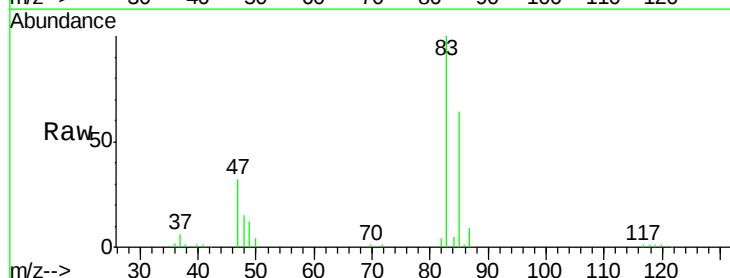
Acq: 10 Jun 2019 12:50

Tgt Ion: 83 Resp: 322153

Ion Ratio Lower Upper

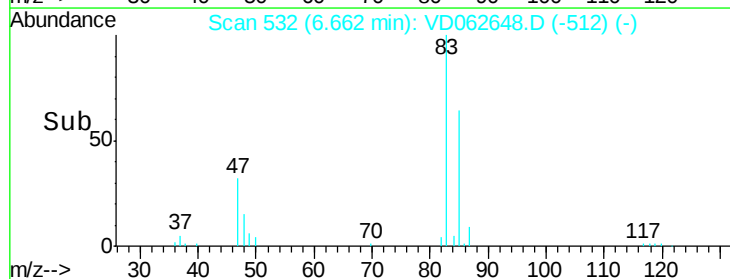
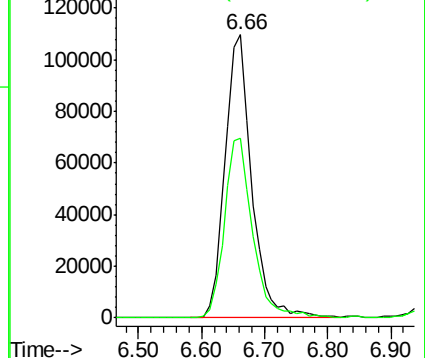
83 100

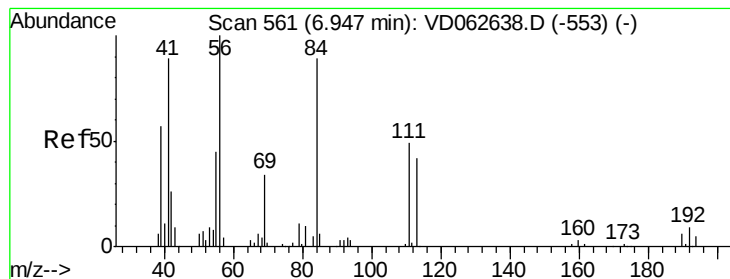
85 63.6 55.8 83.6



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 19.565 ug/l

RT: 6.94 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

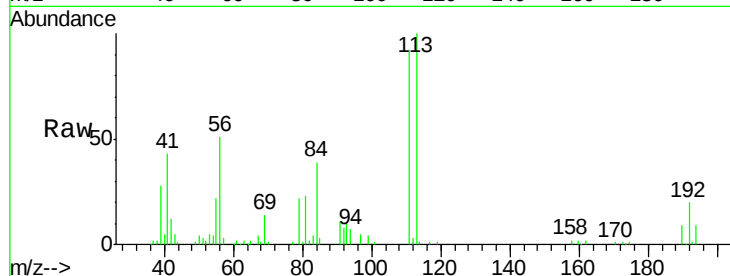
Tot Ion: 56 Resp: 153508

Ion Ratio Lower Upper

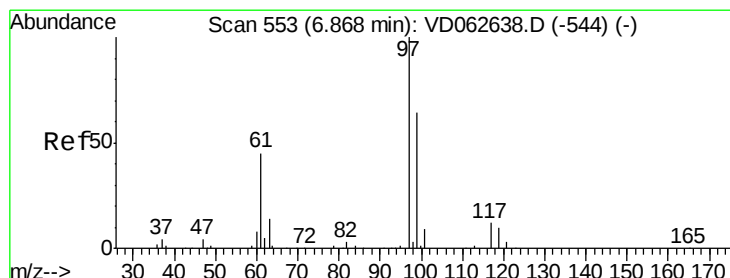
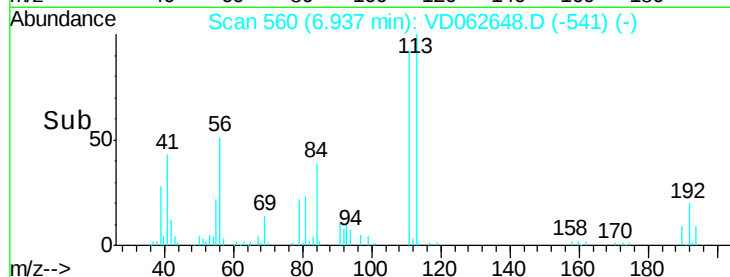
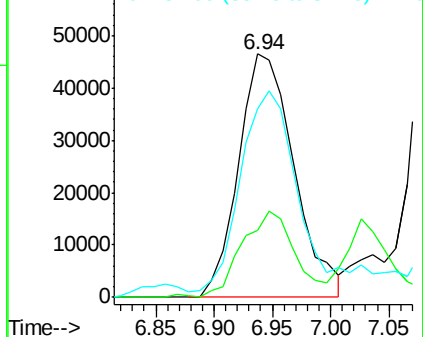
56 100

69 27.7 26.8 40.2

84 77.5 73.9 110.9



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



#32

1,1,1-Trichloroethane

Concen: 21.787 ug/l

RT: 6.86 min Scan# 552

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

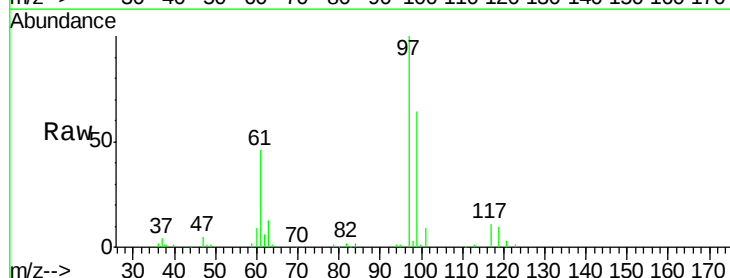
Tgt Ion: 97 Resp: 347903

Ion Ratio Lower Upper

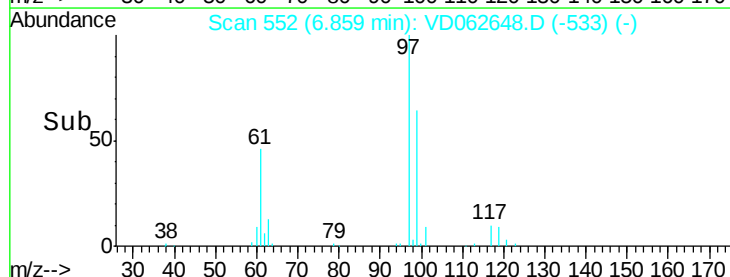
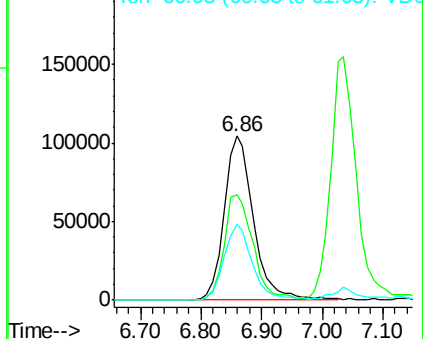
97 100

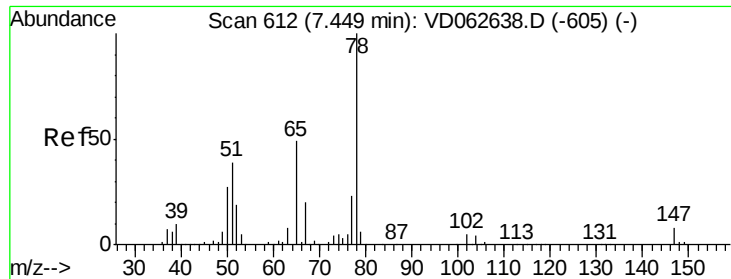
99 64.4 51.4 77.0

61 46.3 35.6 53.4



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

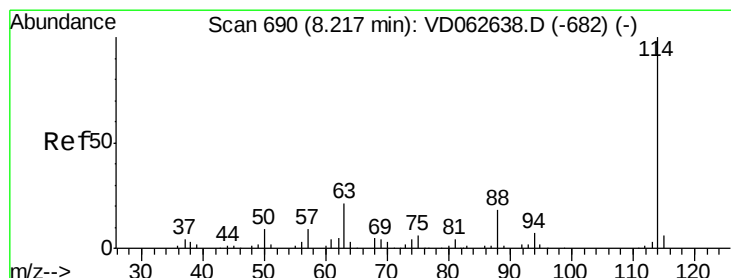
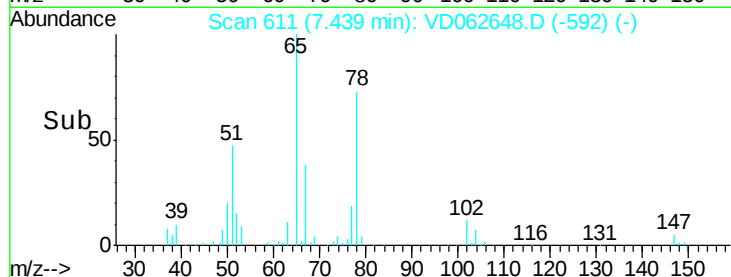
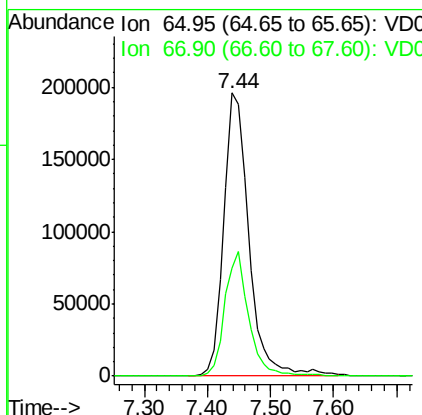
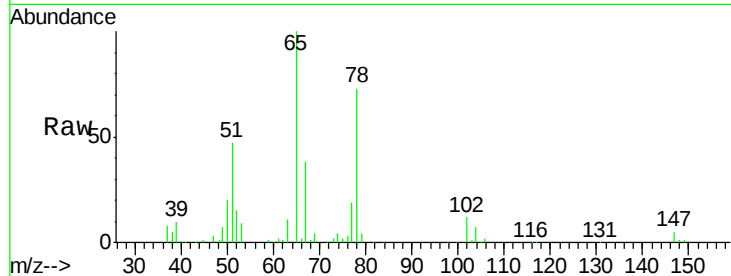




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.843 ug/l  
 RT: 7.44 min Scan# 611  
 Delta R.T. -0.01 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

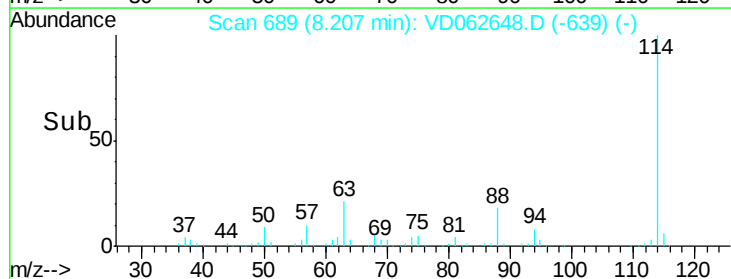
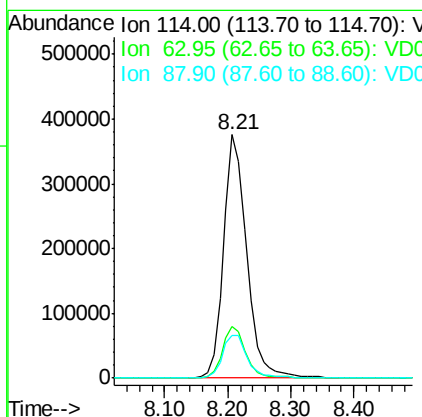
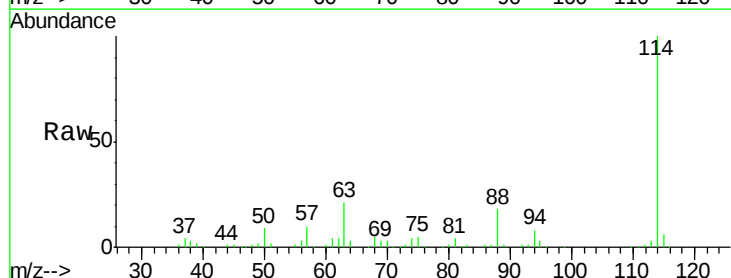
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0610SBS01

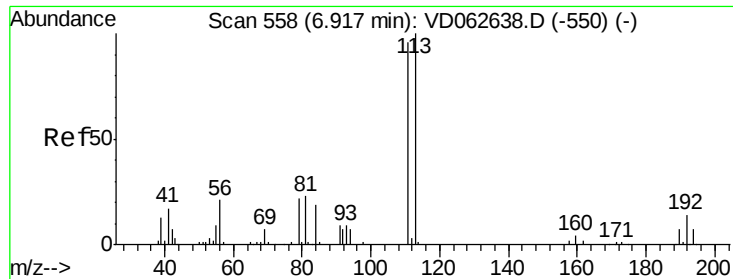
Tot Ion: 65 Resp: 545251  
 Ion Ratio Lower Upper  
 65 100  
 67 38.3 0.0 81.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.21 min Scan# 689  
 Delta R.T. -0.01 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Tgt Ion: 114 Resp: 959307  
 Ion Ratio Lower Upper  
 114 100  
 63 21.2 0.0 42.4  
 88 17.8 0.0 36.8





#35

Dibromofluoromethane

Concen: 50.859 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

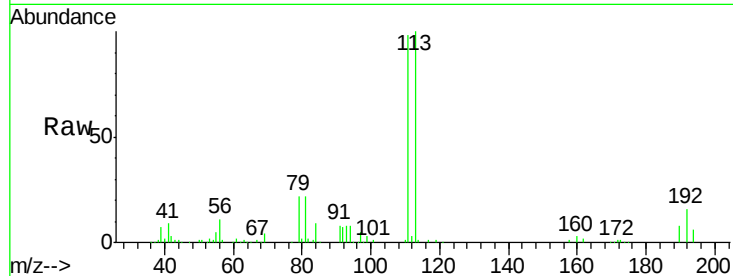
Tot Ion:113 Resp: 514547

Ion Ratio Lower Upper

113 100

111 98.2 76.4 114.6

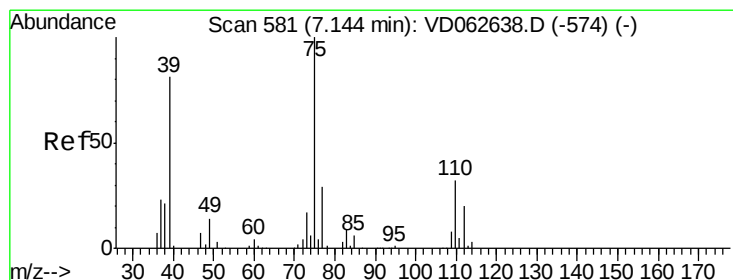
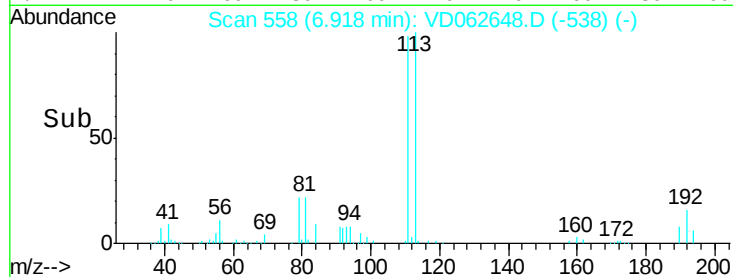
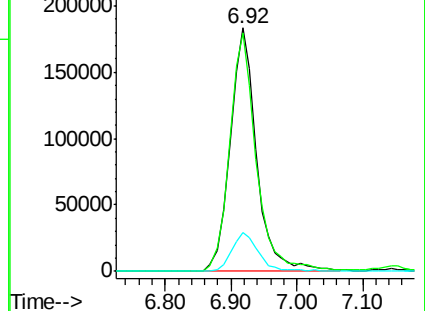
192 16.0 11.4 17.0



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 18.978 ug/l

RT: 7.13 min Scan# 580

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

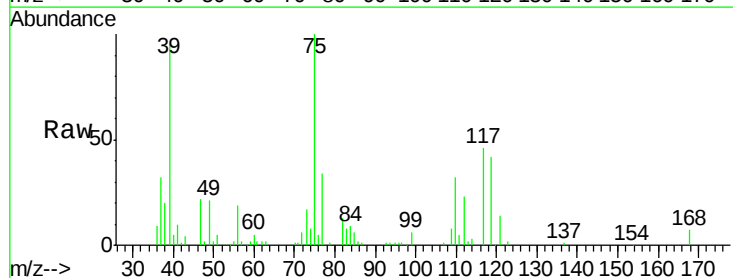
Tgt Ion: 75 Resp: 208367

Ion Ratio Lower Upper

75 100

110 31.9 15.9 47.7

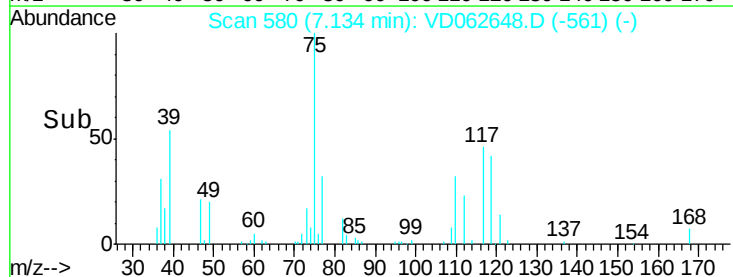
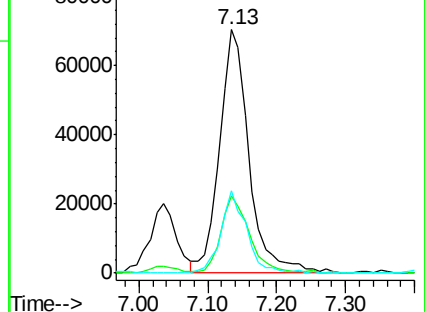
77 33.8 23.3 34.9

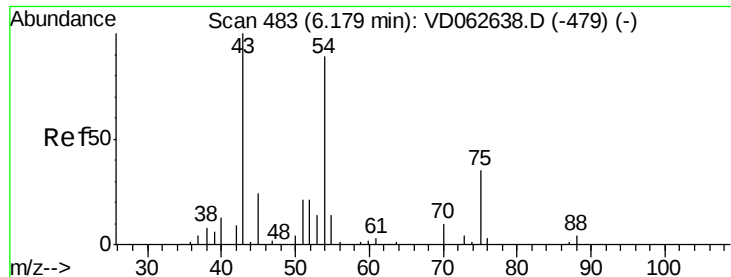


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 19.704 ug/l

RT: 6.18 min Scan# 483

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

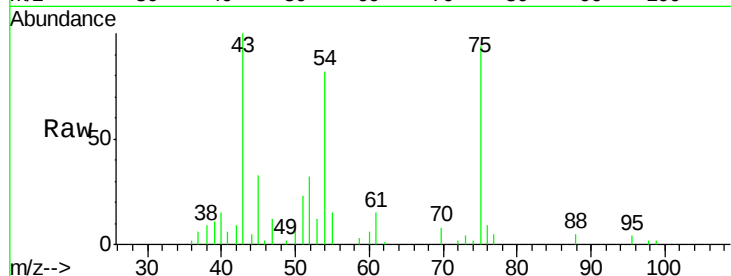
Tot Ion: 43 Resp: 88751

Ion Ratio Lower Upper

43 100

61 14.9 8.7 13.1#

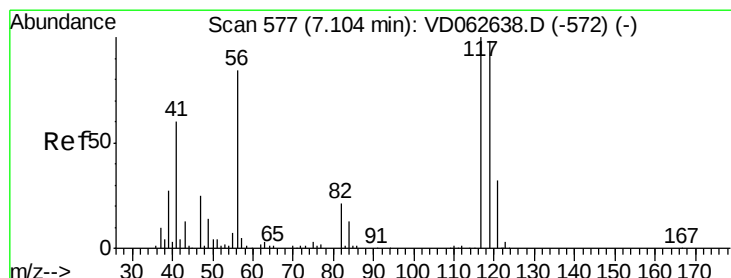
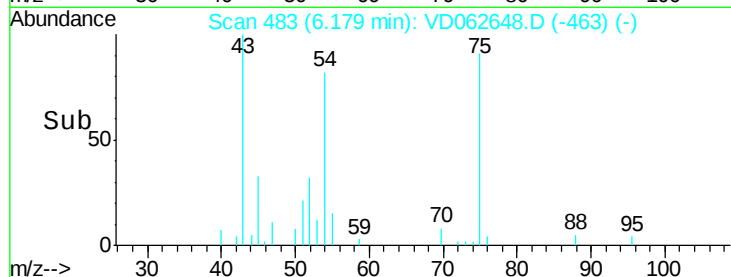
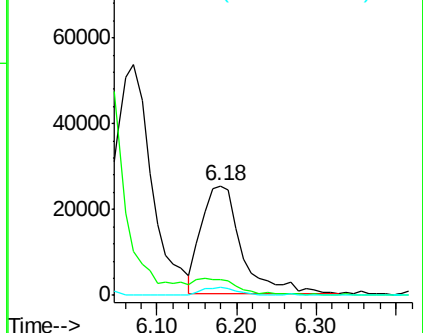
70 7.6 6.5 9.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 19.301 ug/l

RT: 7.10 min Scan# 577

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

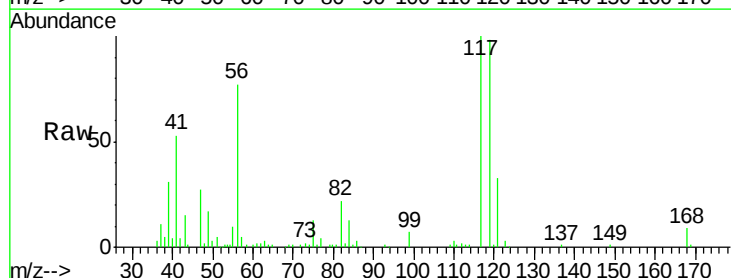
Tgt Ion: 117 Resp: 334946

Ion Ratio Lower Upper

117 100

119 97.9 73.5 110.3

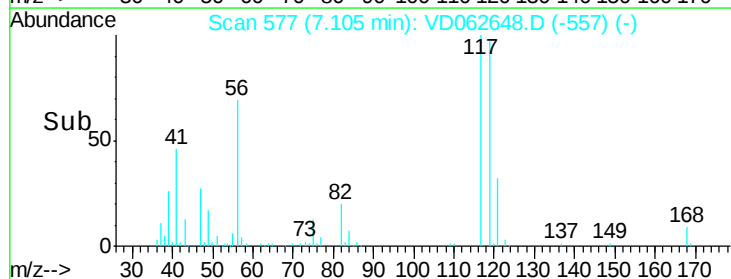
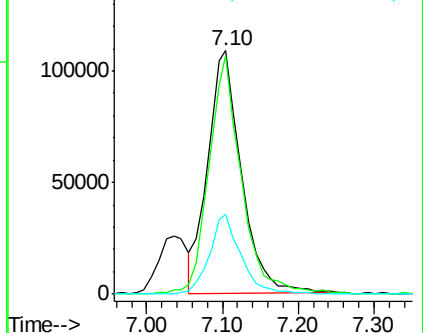
121 32.7 24.2 36.4

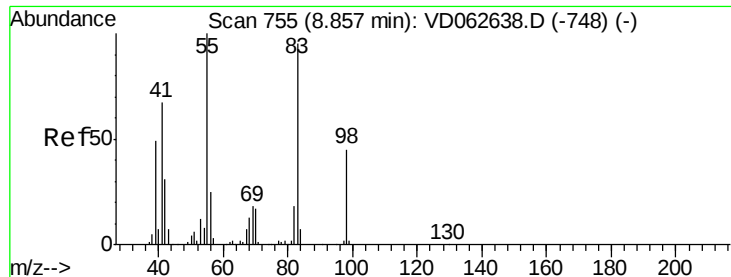


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

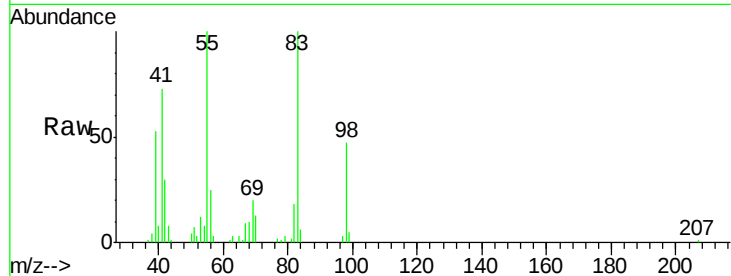




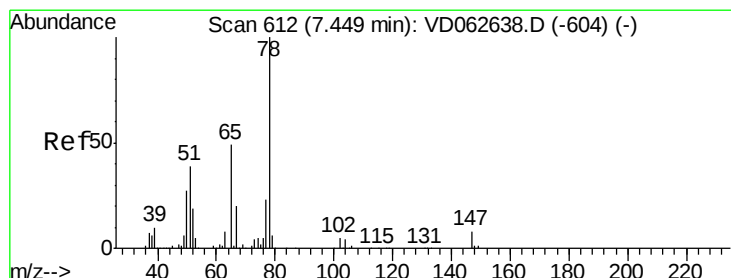
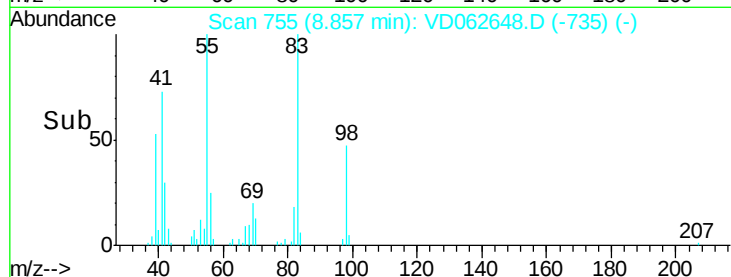
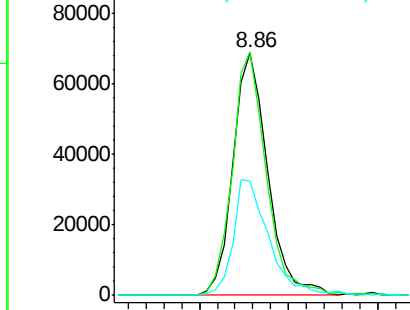
#39  
Methvlcvclohexane  
Concen: 21.001 ug/l  
RT: 8.86 min Scan# 755  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

Tot Ion: 83 Resp: 186330  
Ion Ratio Lower Upper  
83 100  
55 100.4 84.6 127.0  
98 47.3 38.2 57.4

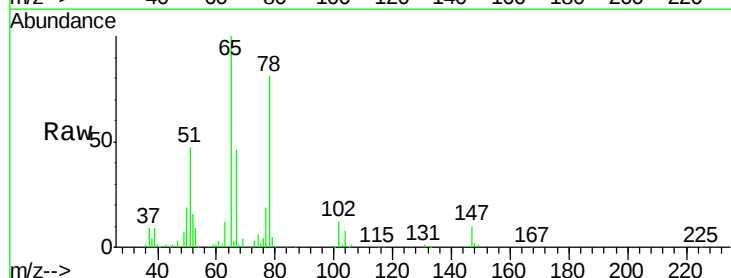


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

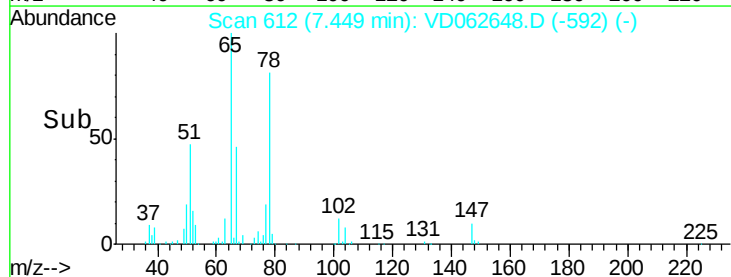
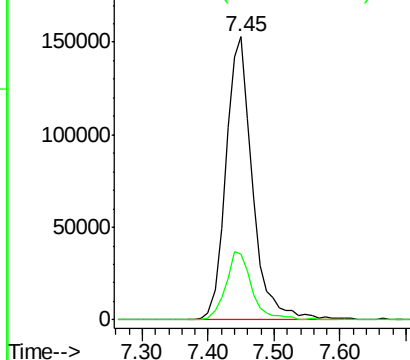


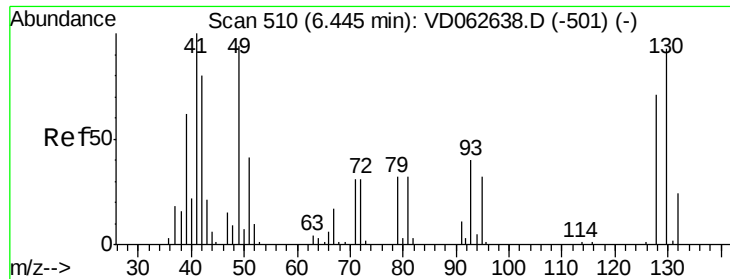
#40  
Benzene  
Concen: 20.070 ug/l  
RT: 7.45 min Scan# 612  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion: 78 Resp: 430335  
Ion Ratio Lower Upper  
78 100  
77 23.2 18.6 28.0



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





#41

Methacrylonitrile

Concen: 19.650 ug/l

RT: 6.45 min Scan# 510

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

Tot Ion: 41 Resp: 112936

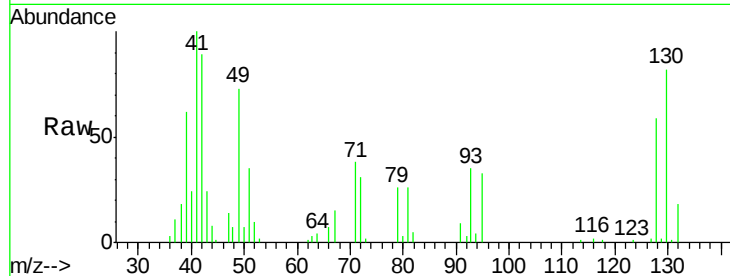
Ion Ratio Lower Upper

41 100

39 61.9 49.2 73.8

67 14.7 13.9 20.9

52 9.5 7.6 11.4

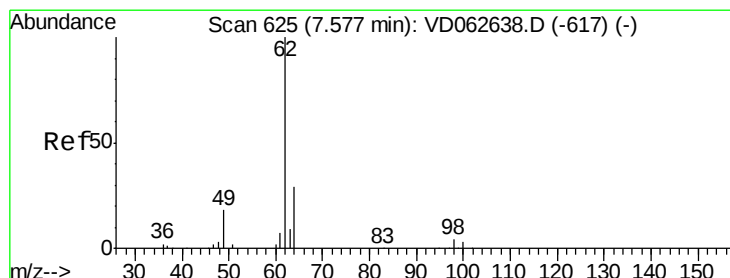
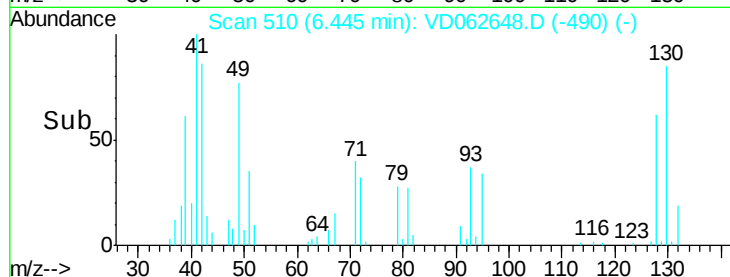
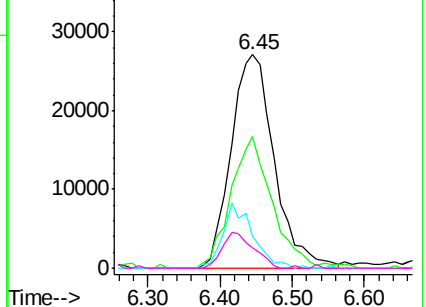


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 19.682 ug/l

RT: 7.57 min Scan# 624

Delta R.T. -0.01 min

Lab File: VD062648.D

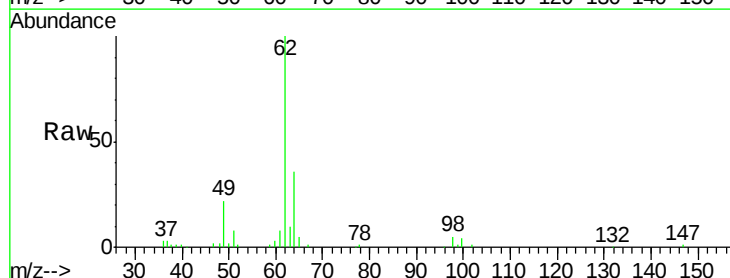
Acq: 10 Jun 2019 12:50

Tgt Ion: 62 Resp: 251528

Ion Ratio Lower Upper

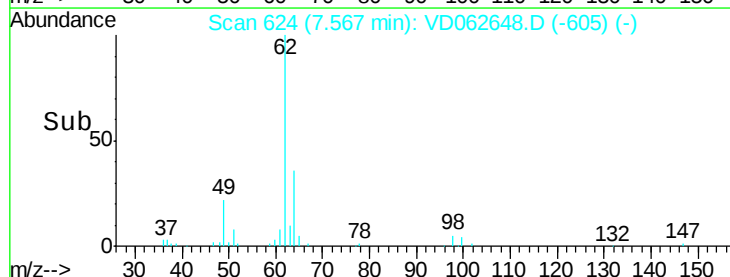
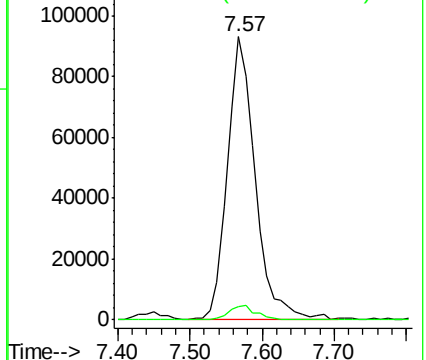
62 100

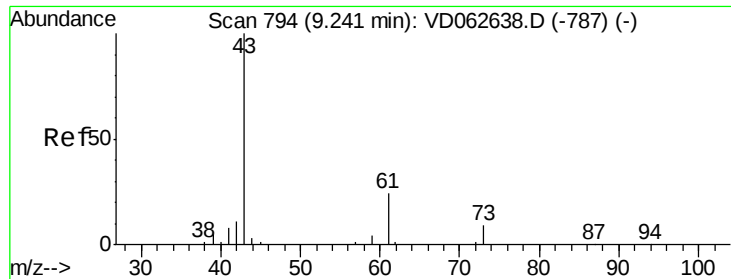
98 4.5 0.0 7.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 19.585 ug/l

RT: 9.23 min Scan# 793

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

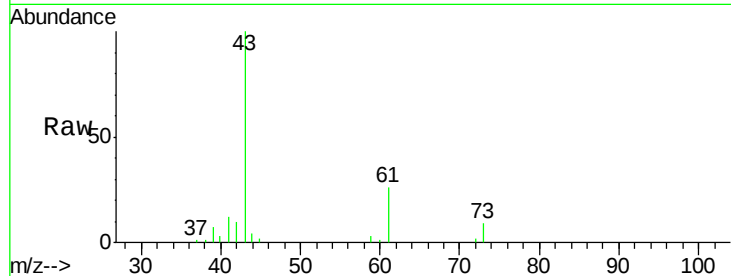
Tot Ion: 43 Resp: 113456

Ion Ratio Lower Upper

43 100

61 26.1 19.0 28.6

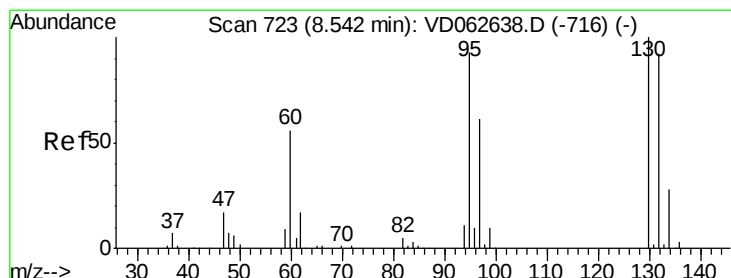
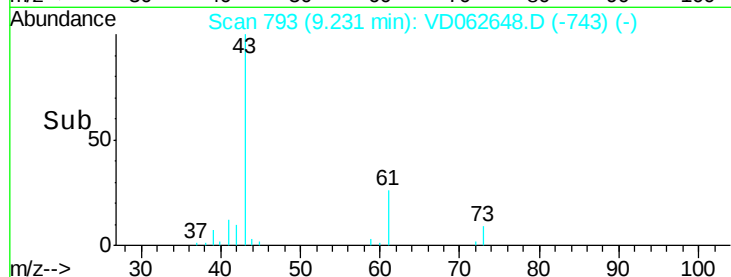
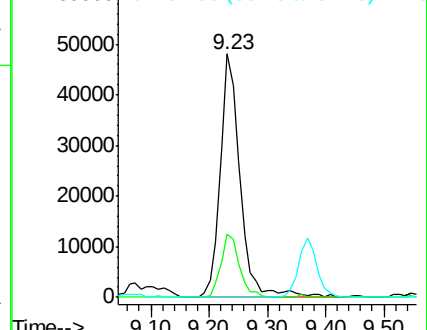
87 0.0 0.3 0.5#



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: 18.026 ug/l

RT: 8.53 min Scan# 722

Delta R.T. -0.01 min

Lab File: VD062648.D

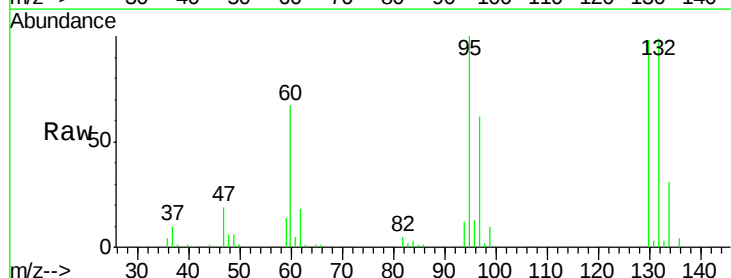
Acq: 10 Jun 2019 12:50

Tgt Ion:130 Resp: 156912

Ion Ratio Lower Upper

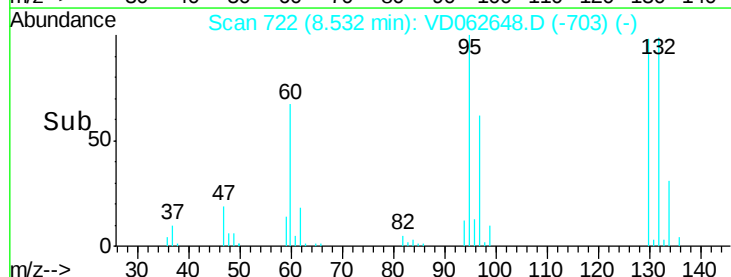
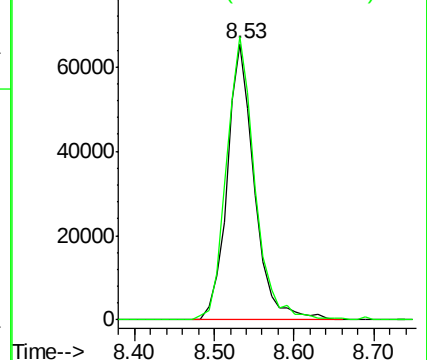
130 100

95 102.5 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.482 ug/l

RT: 8.93 min Scan# 762

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

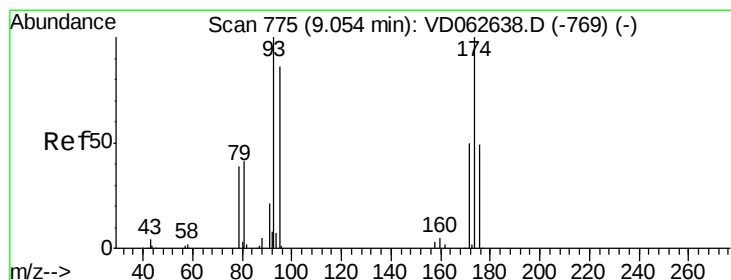
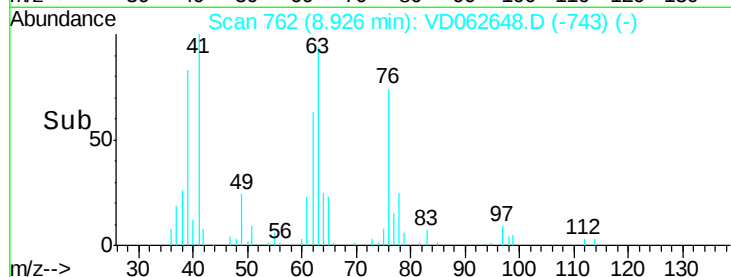
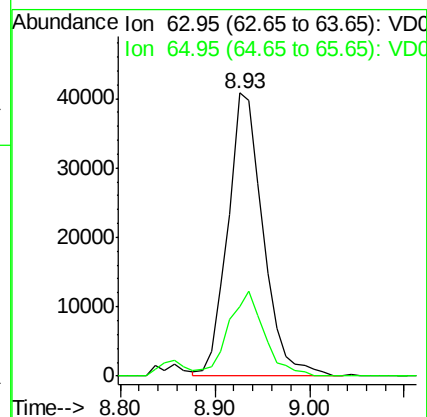
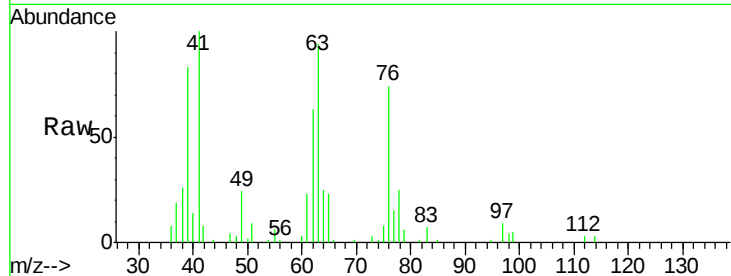
VD0610SBS01

Tot Ion: 63 Resp: 105487

Ion Ratio Lower Upper

63 100

65 24.7 24.6 37.0



#46

Dibromomethane

Concen: 20.115 ug/l

RT: 9.05 min Scan# 775

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

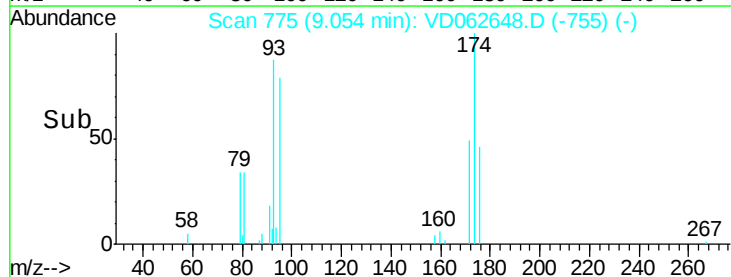
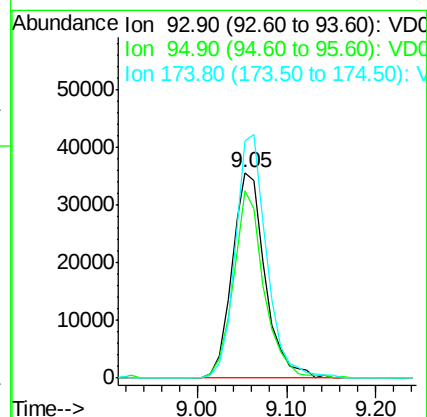
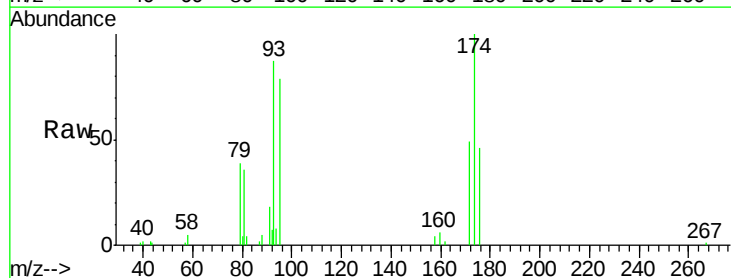
Tgt Ion: 93 Resp: 91955

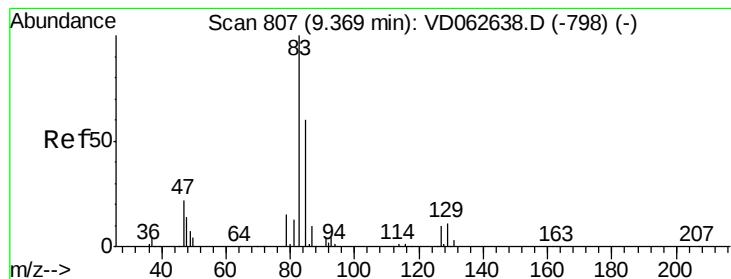
Ion Ratio Lower Upper

93 100

95 90.8 68.7 103.1

174 115.1 79.8 119.8





#47

Bromodichloromethane

Concen: 20.295 ug/l

RT: 9.37 min Scan# 807

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

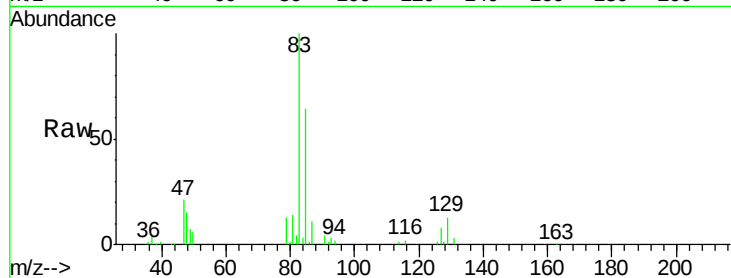
Tot Ion: 83 Resp: 252392

Ion Ratio Lower Upper

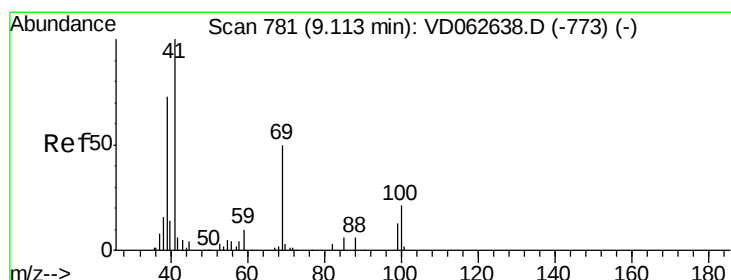
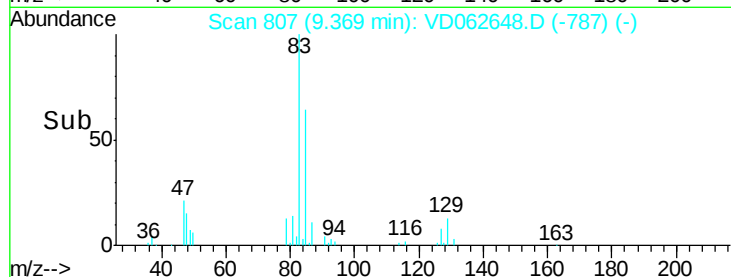
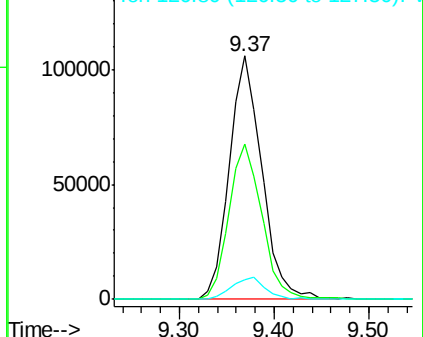
83 100

85 64.0 47.9 71.9

127 8.2 8.2 12.4#



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



#48

Methyl methacrylate

Concen: 19.868 ug/l

RT: 9.11 min Scan# 781

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

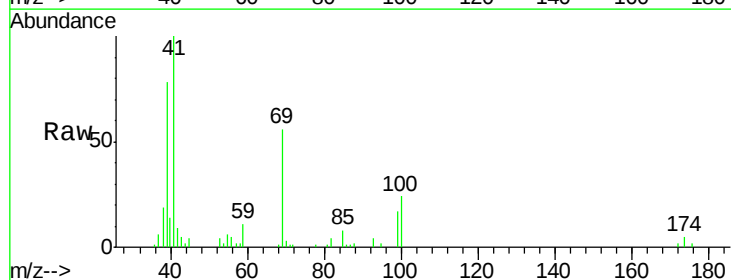
Tgt Ion: 41 Resp: 83150

Ion Ratio Lower Upper

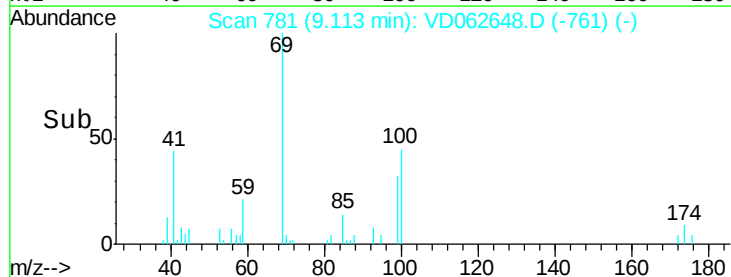
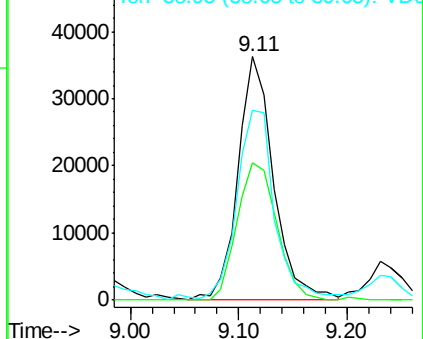
41 100

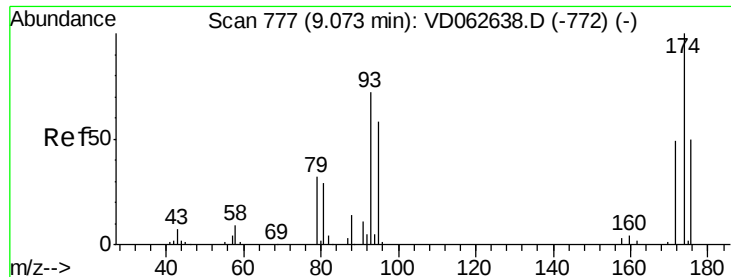
69 56.5 39.8 59.6

39 77.9 59.1 88.7



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

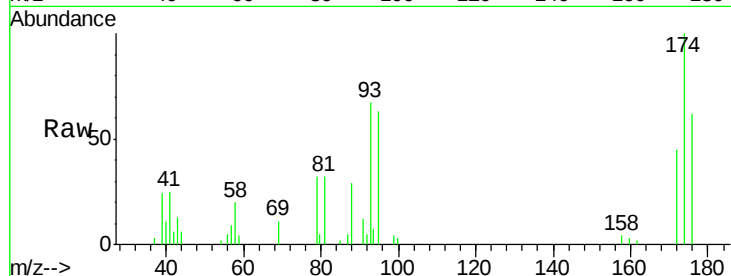




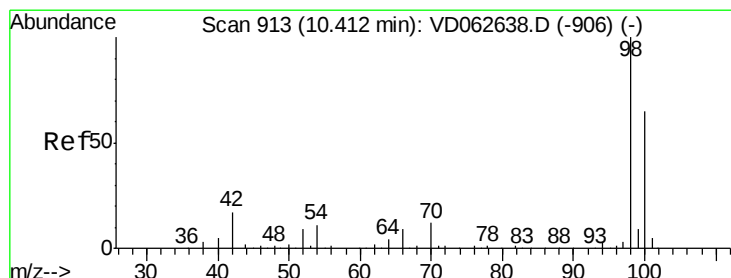
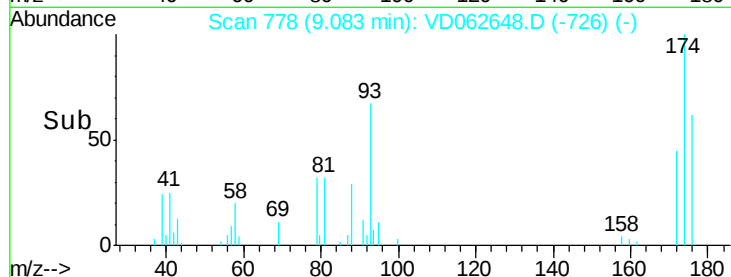
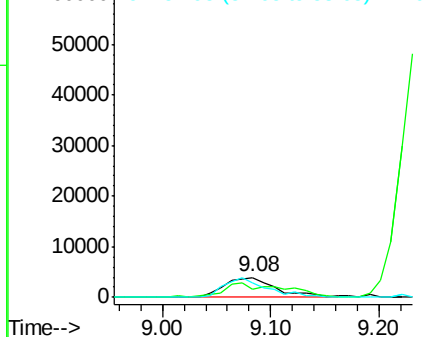
#49  
1,4-Dioxane  
Concen: 384.848 ug/l  
RT: 9.08 min Scan# 778  
Delta R.T. 0.01 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

Tot Ion: 88 Resp: 13261  
Ion Ratio Lower Upper  
88 100  
43 44.4 40.7 61.1  
58 71.1 54.2 81.4

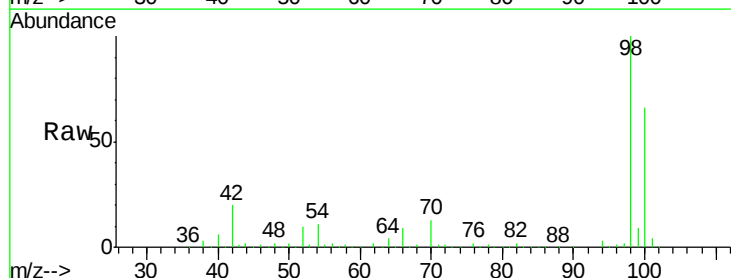


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

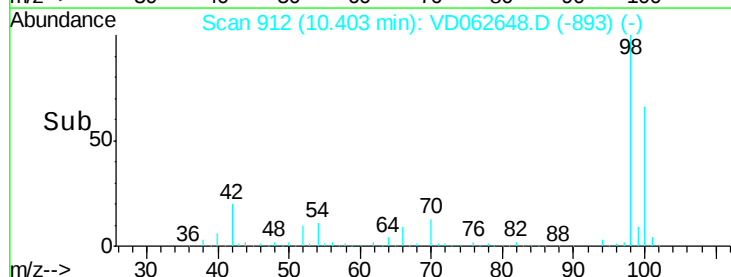
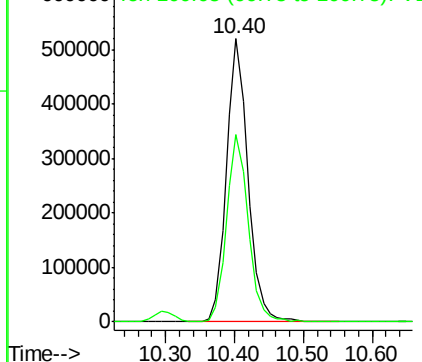


#50  
Toluene-d8  
Concen: 52.828 ug/l  
RT: 10.40 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion: 98 Resp: 1124333  
Ion Ratio Lower Upper  
98 100  
100 66.4 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VDC  
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 99.720 ug/l

RT: 10.29 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

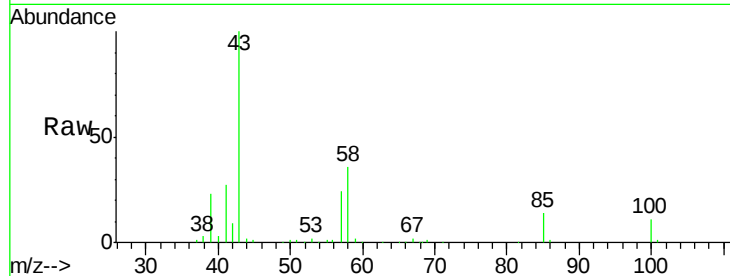
VD0610SBS01

Tot Ion: 43 Resp: 404222

Ion Ratio Lower Upper

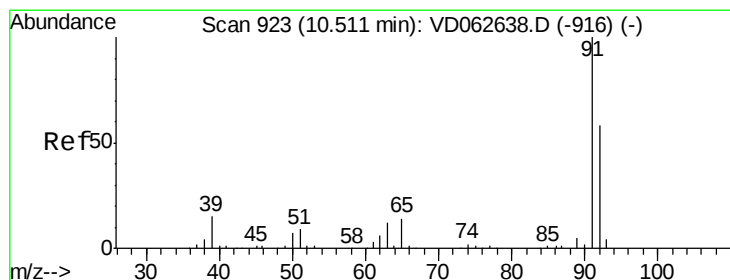
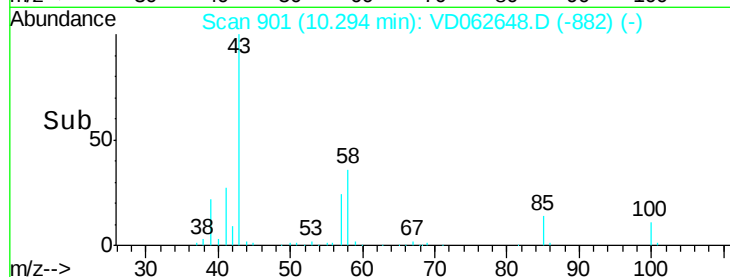
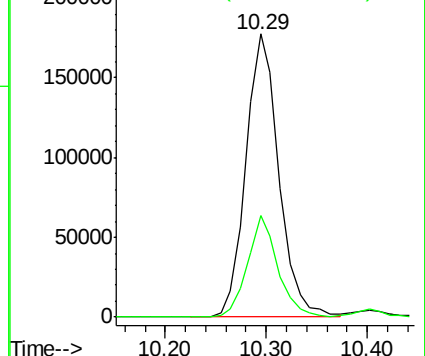
43 100

58 36.0 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 20.096 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.01 min

Lab File: VD062648.D

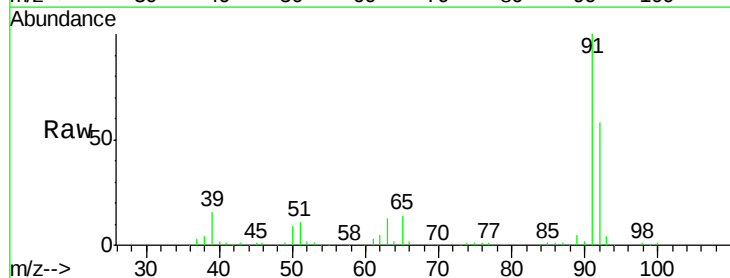
Acq: 10 Jun 2019 12:50

Tgt Ion: 92 Resp: 289630

Ion Ratio Lower Upper

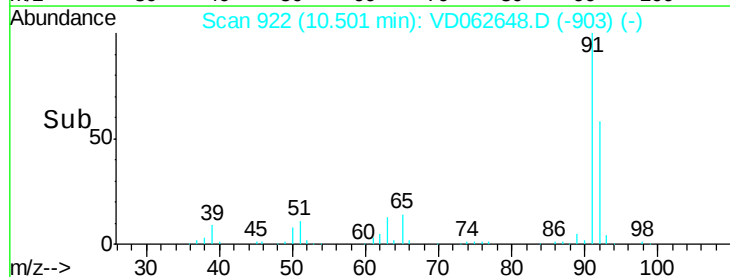
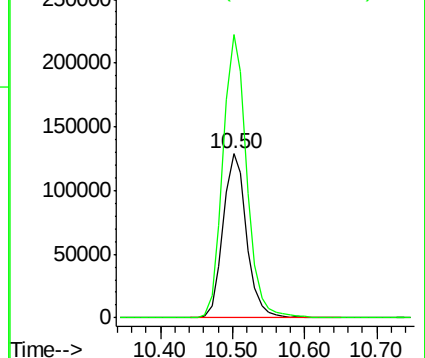
92 100

91 172.3 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

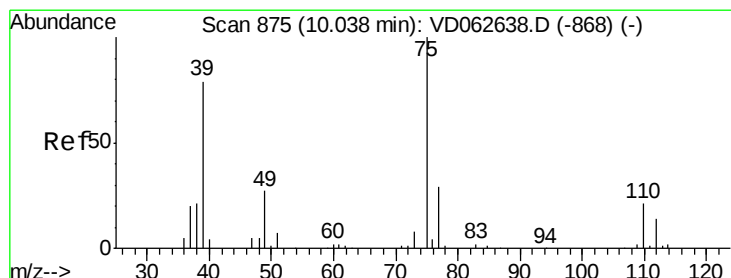
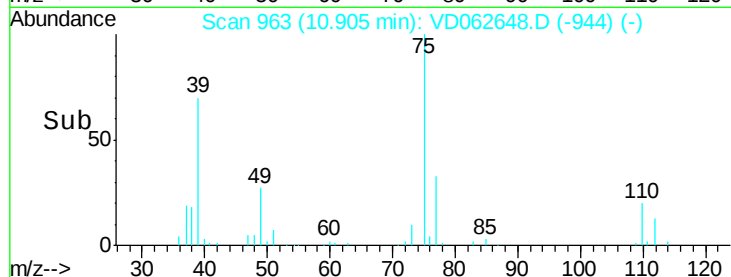
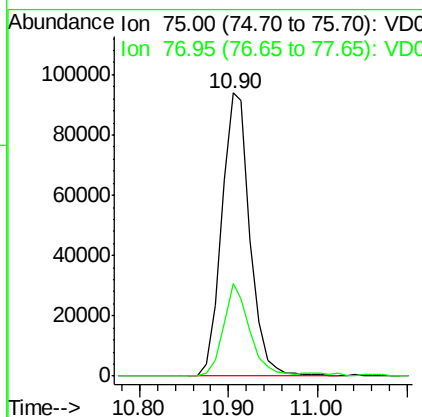
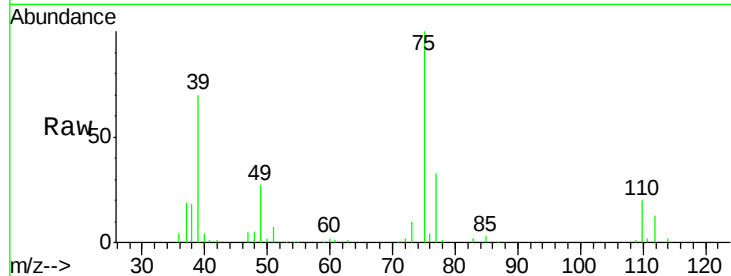




#53  
 t-1,3-Dichloropropene  
 Concen: 20.431 ug/l  
 RT: 10.90 min Scan# 963  
 Delta R.T. -0.01 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

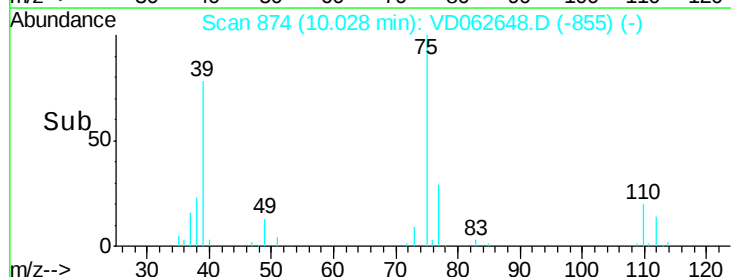
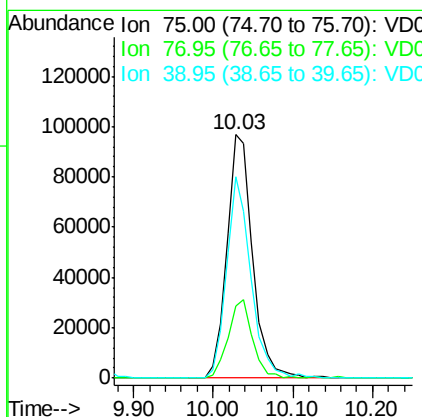
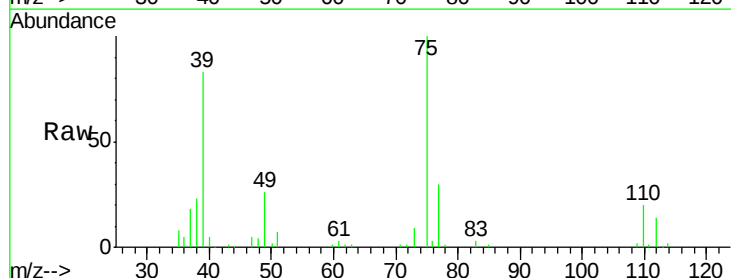
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0610SBS01

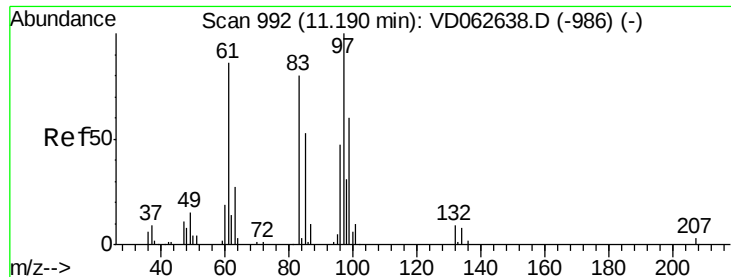
Tot Ion: 75 Resp: 208311  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.793 ug/l  
 RT: 10.03 min Scan# 874  
 Delta R.T. -0.01 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Tgt Ion: 75 Resp: 219121  
 Ion Ratio Lower Upper  
 75 100  
 77 29.8 23.1 34.7  
 39 82.9 63.4 95.2

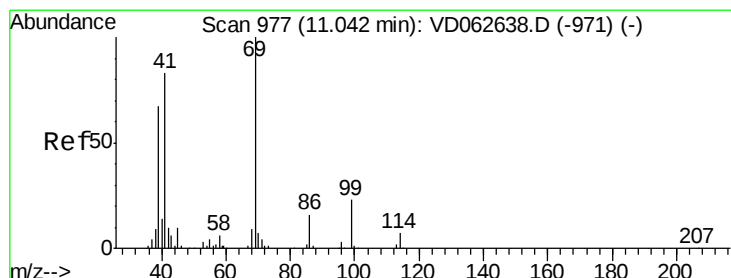
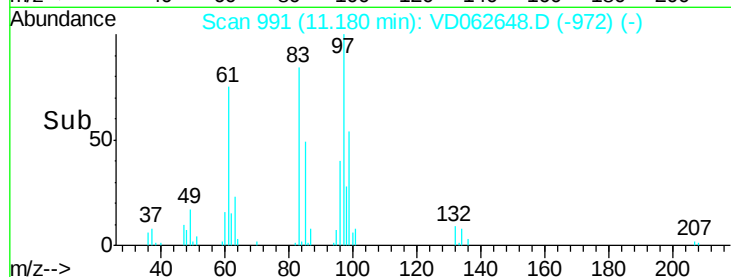
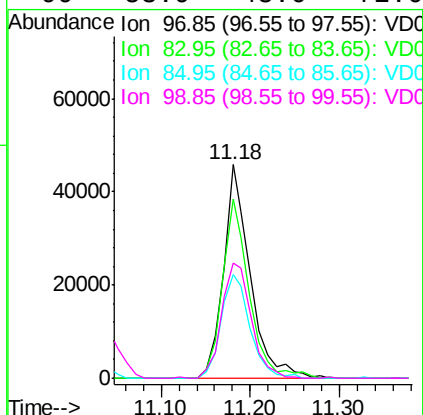
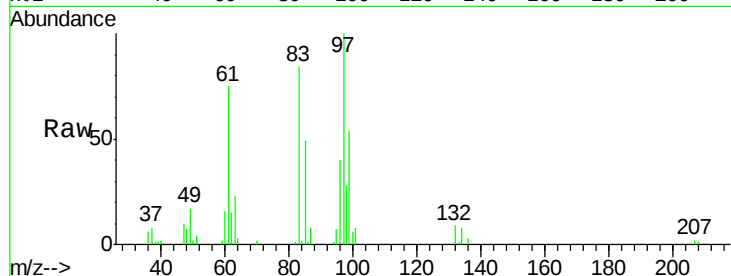




#55  
 1,1,2-Trichloroethane  
 Concen: 19.525 ug/l  
 RT: 11.18 min Scan# 991  
 Delta R.T. -0.01 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

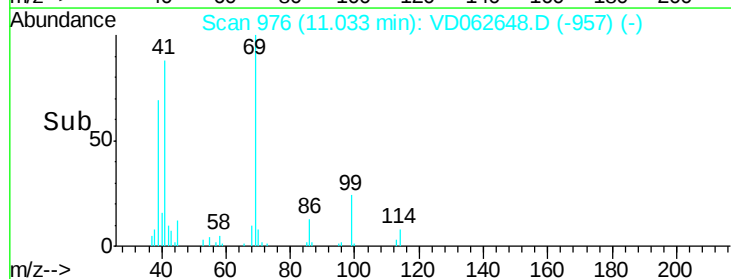
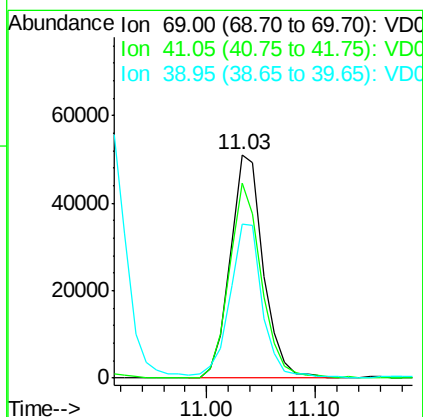
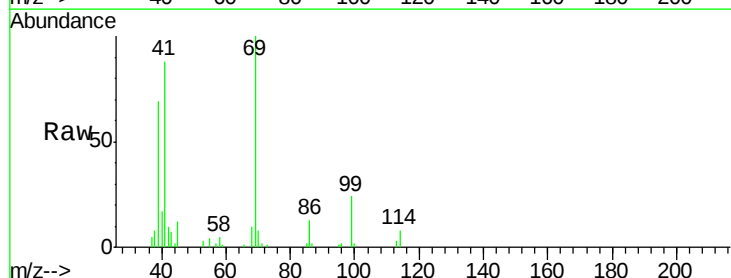
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0610SBS01

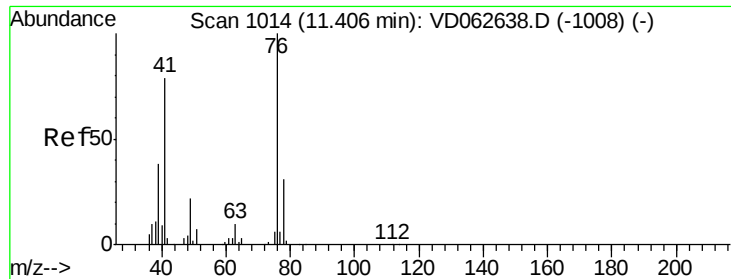
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 96507 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.7  | 63.8  | 95.8  |
| 85       | 48.8  | 42.3  | 63.5  |
| 99       | 53.9  | 48.0  | 72.0  |



#56  
 Ethyl methacrylate  
 Concen: 20.663 ug/l  
 RT: 11.03 min Scan# 976  
 Delta R.T. -0.01 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 108110 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 87.5  | 66.2  | 99.4   |
| 39       | 68.8  | 53.8  | 80.8   |

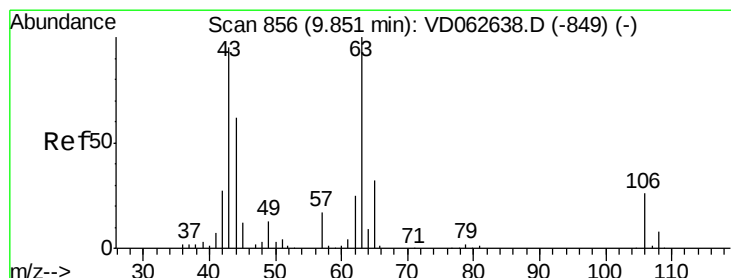
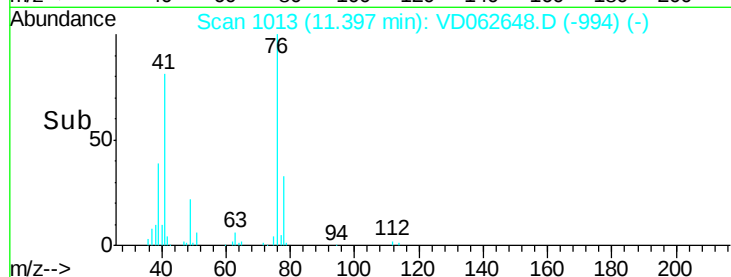
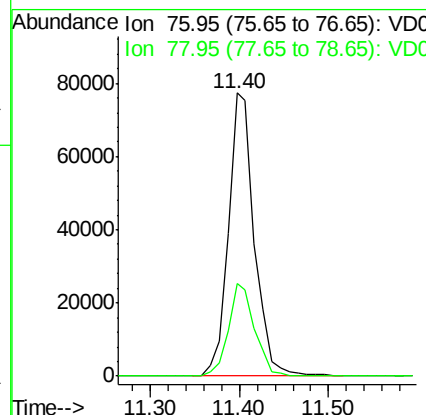
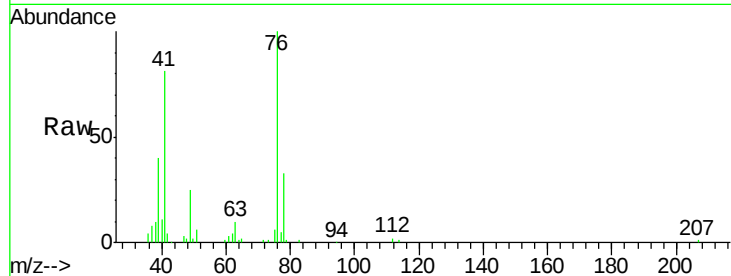




#57  
 1,3-Dichloropropane  
 Concen: 20.651 ug/l  
 RT: 11.40 min Scan# 1013  
 Delta R.T. -0.01 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

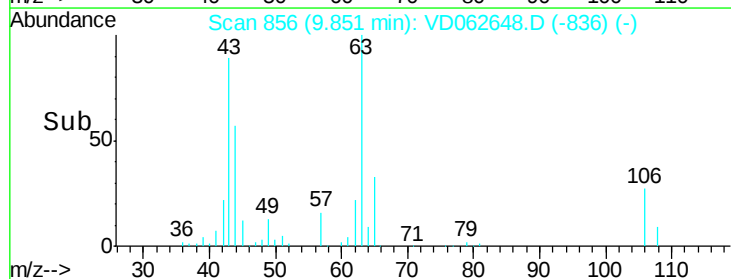
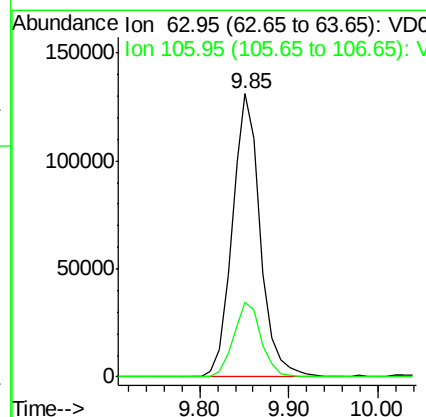
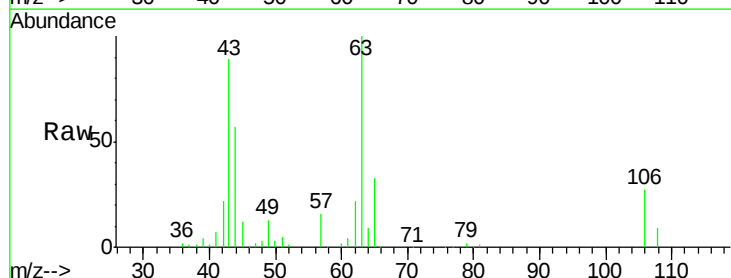
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0610SBS01

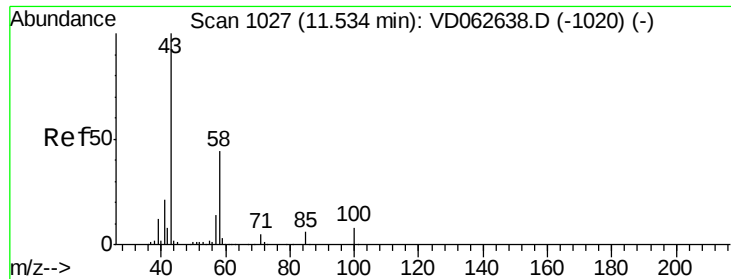
Tot Ion: 76 Resp: 158205  
 Ion Ratio Lower Upper  
 76 100  
 78 32.8 24.9 37.3



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 108.825 ug/l  
 RT: 9.85 min Scan# 856  
 Delta R.T. 0.00 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Tgt Ion: 63 Resp: 287488  
 Ion Ratio Lower Upper  
 63 100  
 106 26.5 20.5 30.7

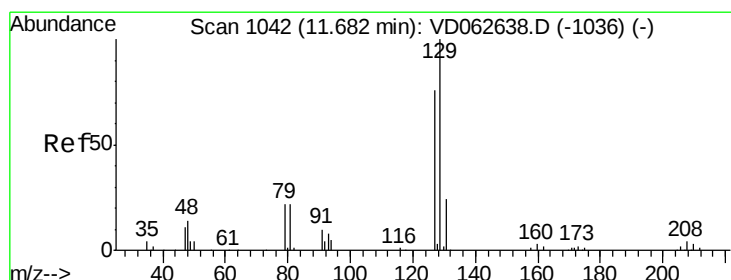
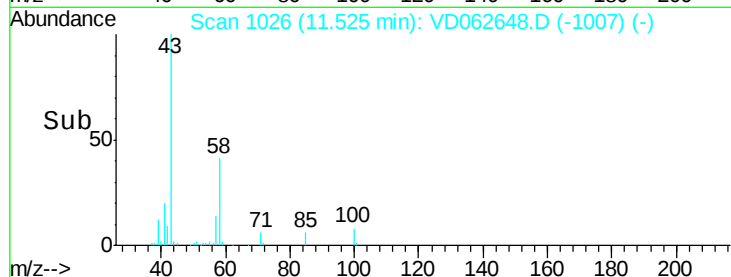
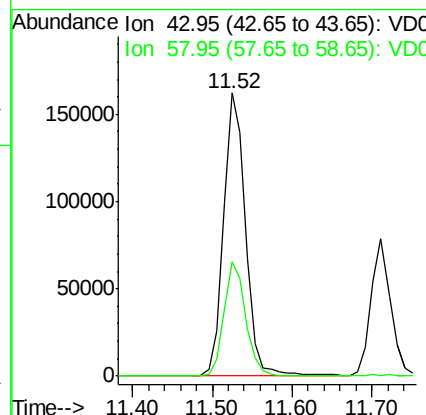
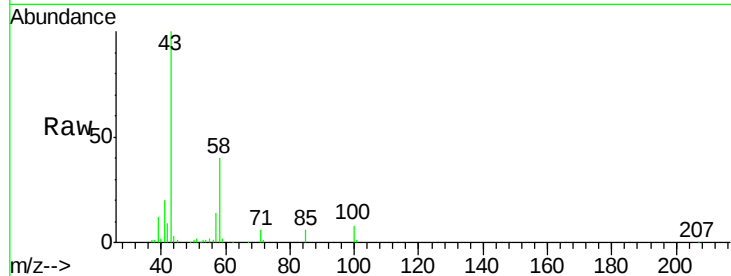




#59  
2-Hexanone  
Concen: 105.305 ug/l  
RT: 11.52 min Scan# 1026  
Delta R.T. -0.01 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

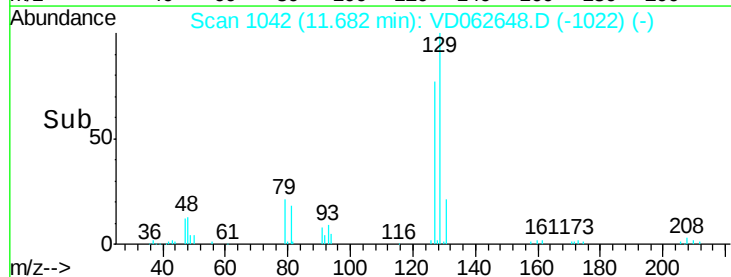
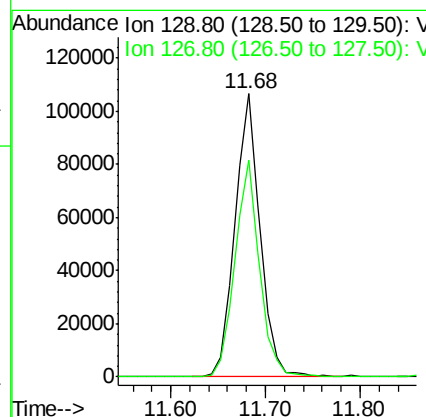
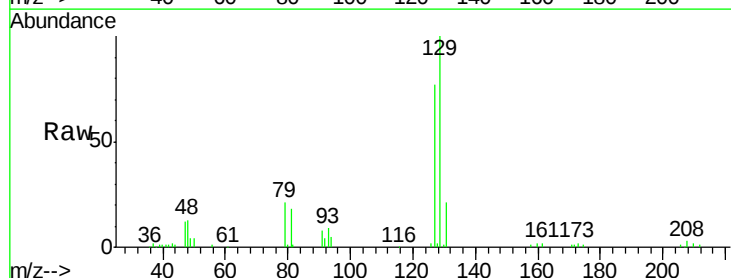
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

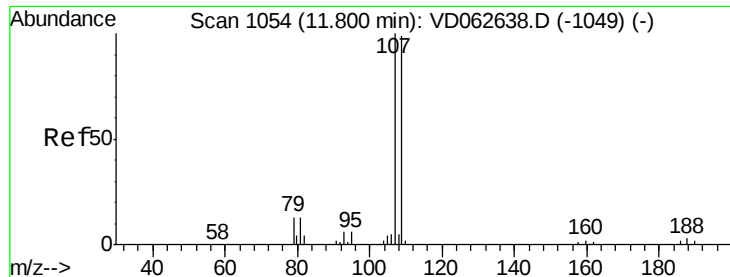
Tot Ion: 43 Resp: 317526  
Ion Ratio Lower Upper  
43 100  
58 40.5 21.8 65.4



#60  
Dibromochloromethane  
Concen: 19.975 ug/l  
RT: 11.68 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion: 129 Resp: 194891  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.0 114.1

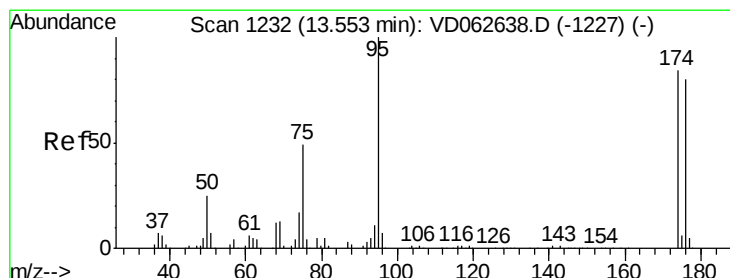
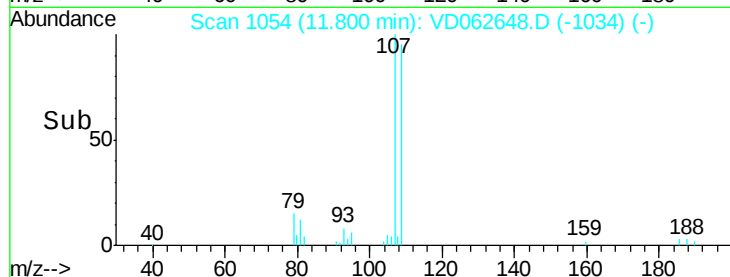
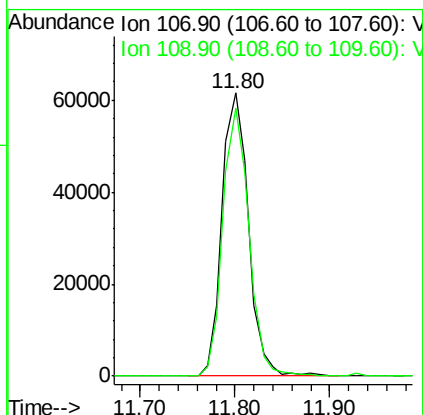
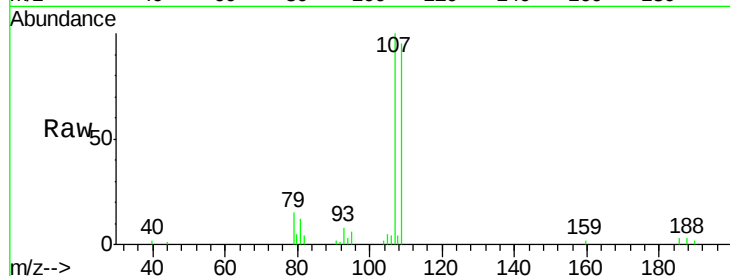




#61  
 1,2-Dibromoethane  
 Concen: 20.185 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. 0.00 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

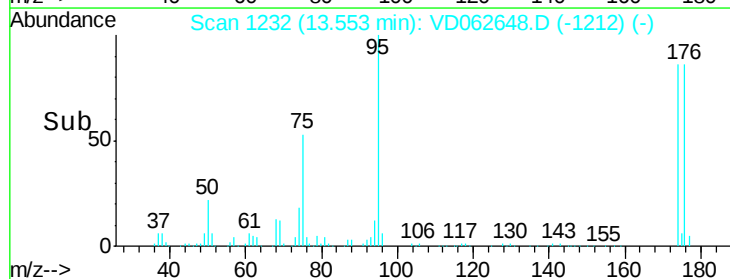
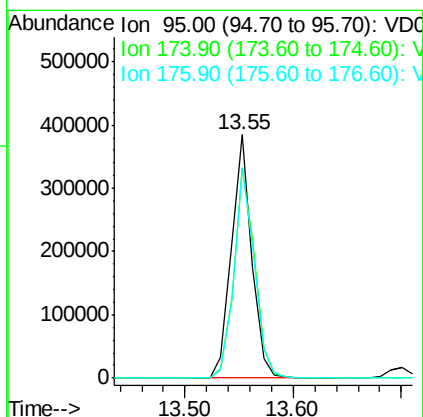
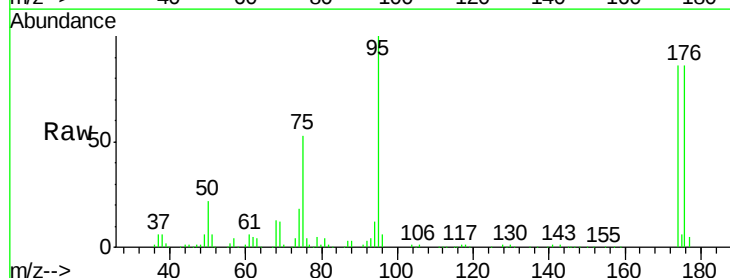
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0610SBS01

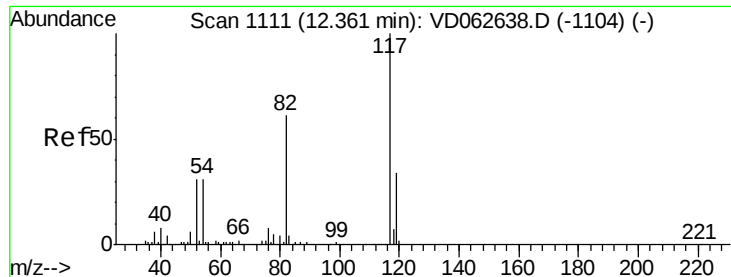
Tot Ion:107 Resp: 119407  
 Ion Ratio Lower Upper  
 107 100  
 109 94.8 79.2 118.8



#62  
 4-Bromofluorobenzene  
 Concen: 50.488 ug/l  
 RT: 13.55 min Scan# 1232  
 Delta R.T. 0.00 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Tgt Ion: 95 Resp: 501312  
 Ion Ratio Lower Upper  
 95 100  
 174 86.2 0.0 167.0  
 176 86.2 0.0 159.2

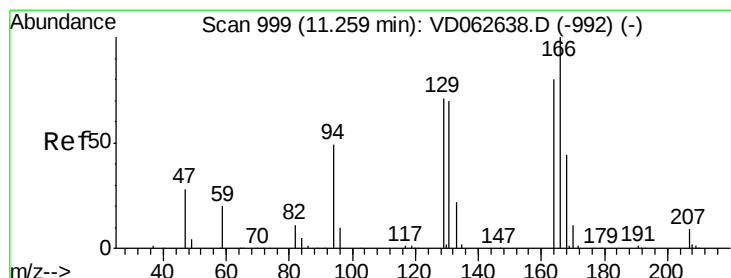
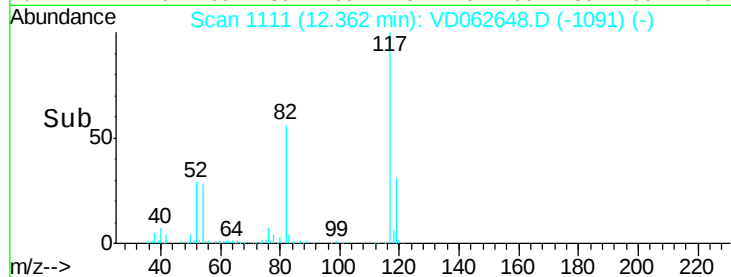
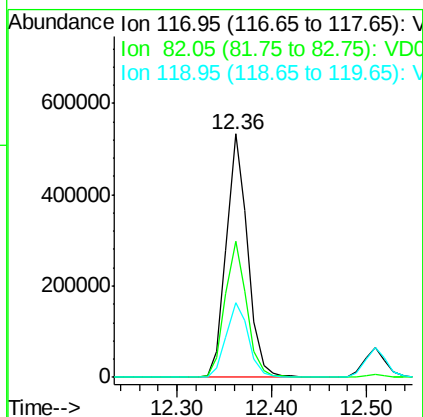
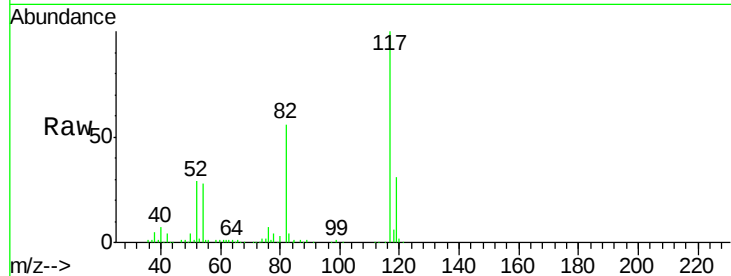




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

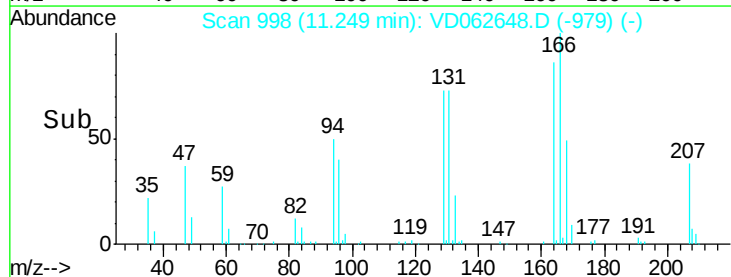
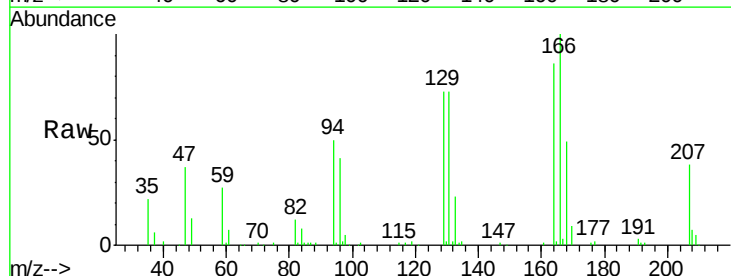
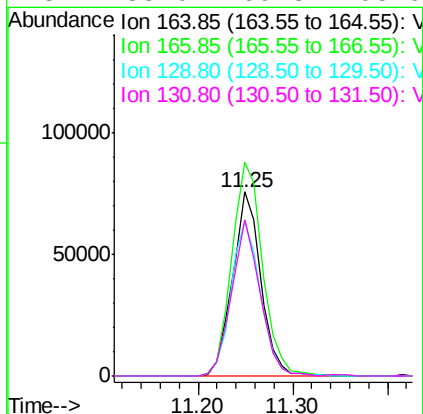
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

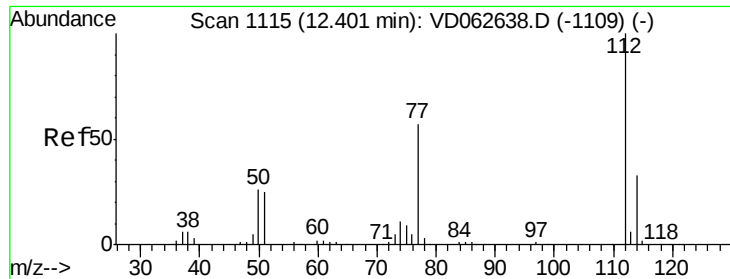
Tot Ion:117 Resp: 827496  
Ion Ratio Lower Upper  
117 100  
82 56.1 48.7 73.1  
119 30.6 27.0 40.6



#64  
Tetrachloroethene  
Concen: 20.297 ug/l  
RT: 11.25 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion:164 Resp: 157226  
Ion Ratio Lower Upper  
164 100  
166 116.0 99.4 149.2  
129 84.4 70.2 105.4  
131 85.0 69.3 103.9

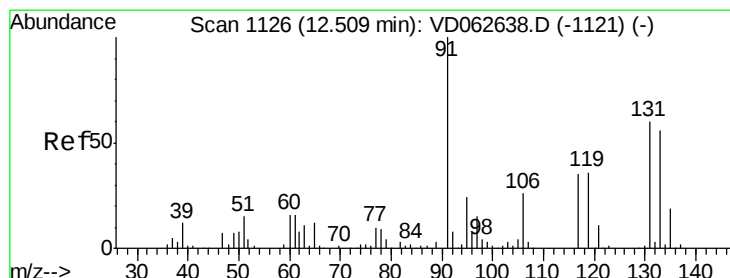
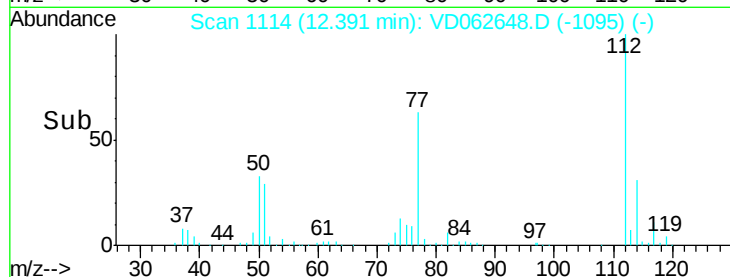
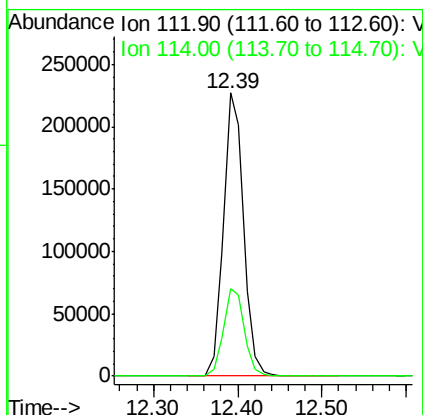
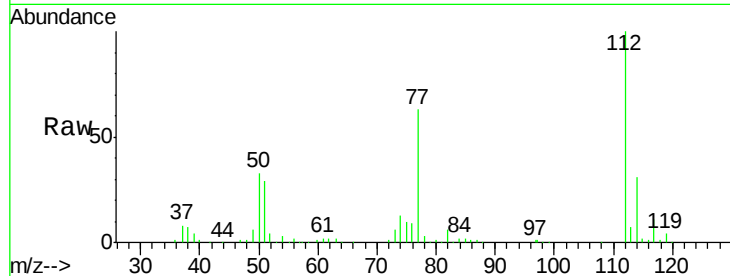




#65  
Chlorobenzene  
Concen: 20.519 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. -0.01 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

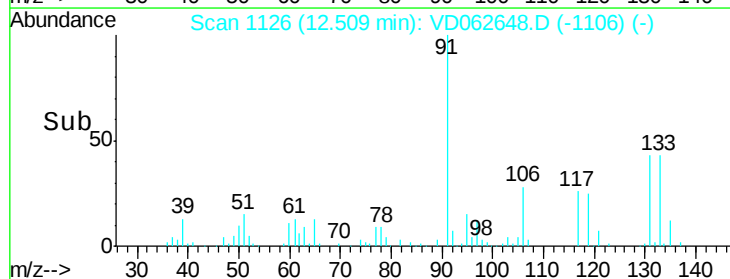
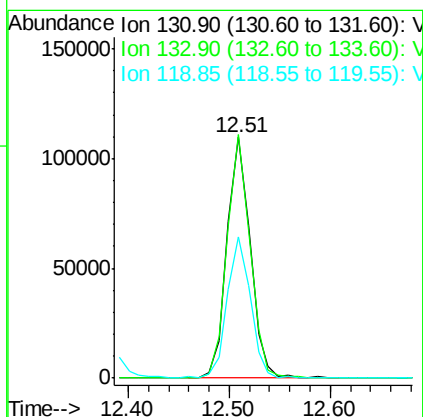
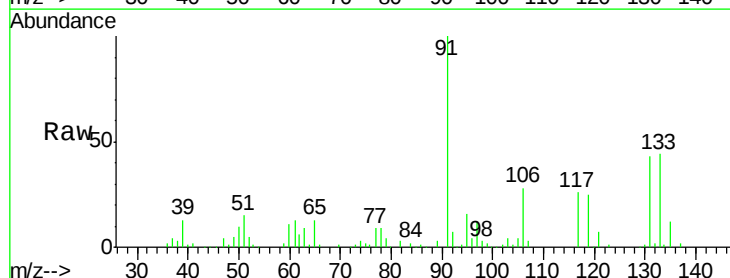
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

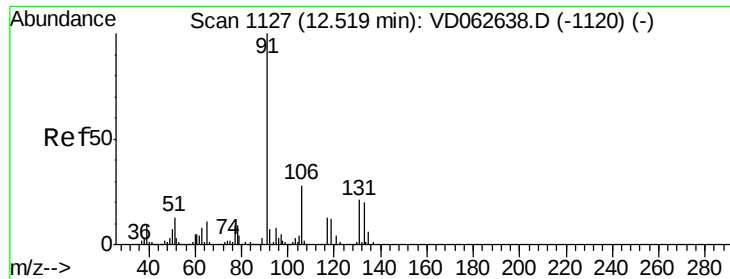
Tot Ion:112 Resp: 375568  
Ion Ratio Lower Upper  
112 100  
114 31.1 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.234 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion:131 Resp: 176639  
Ion Ratio Lower Upper  
131 100  
133 101.2 46.8 140.3  
119 58.8 29.9 89.8

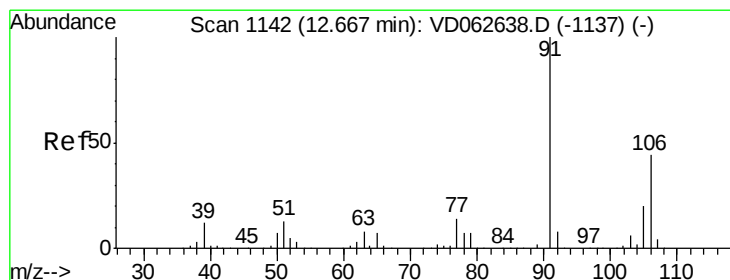
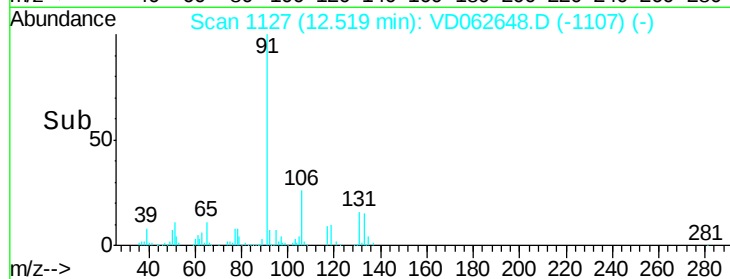
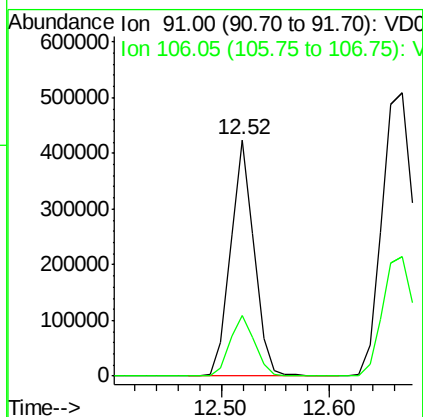
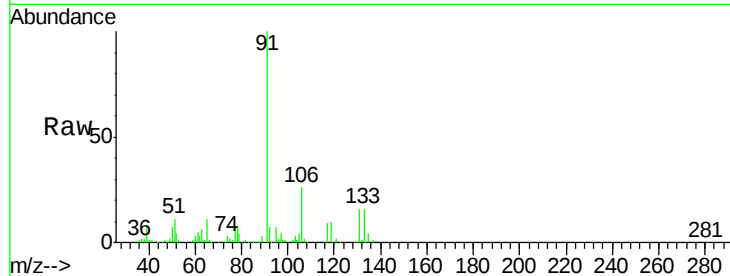




#67  
Ethyl Benzene  
Concen: 19.789 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

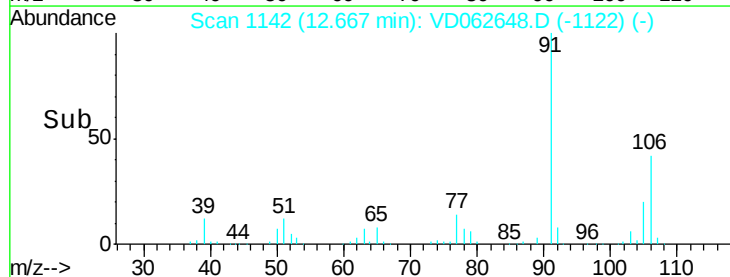
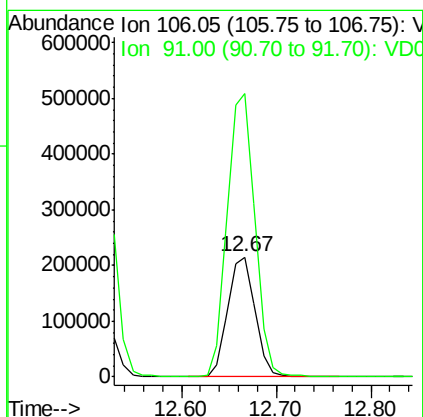
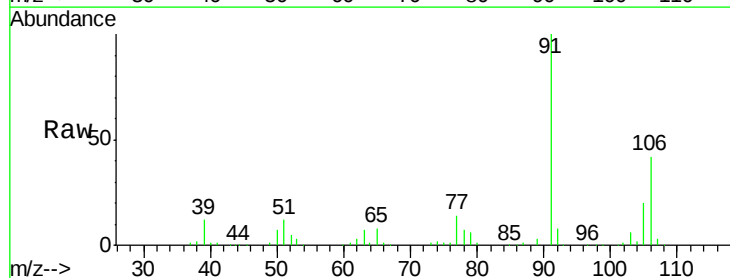
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

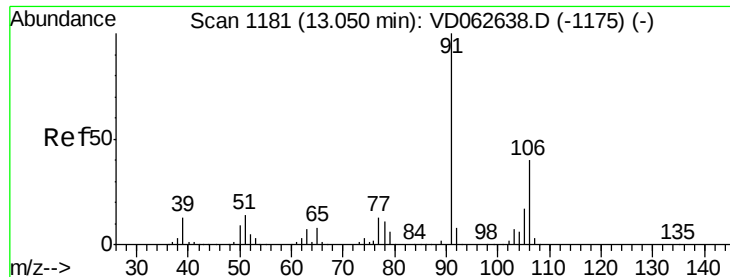
Tot Ion: 91 Resp: 642223  
Ion Ratio Lower Upper  
91 100  
106 25.7 22.1 33.1



#68  
m/p-Xylenes  
Concen: 37.551 ug/l  
RT: 12.67 min Scan# 1142  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion: 106 Resp: 428424  
Ion Ratio Lower Upper  
106 100  
91 235.9 180.2 270.4

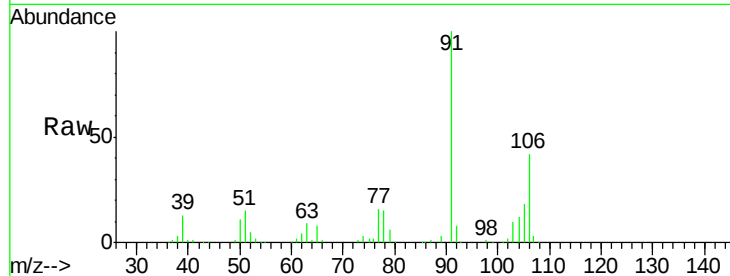




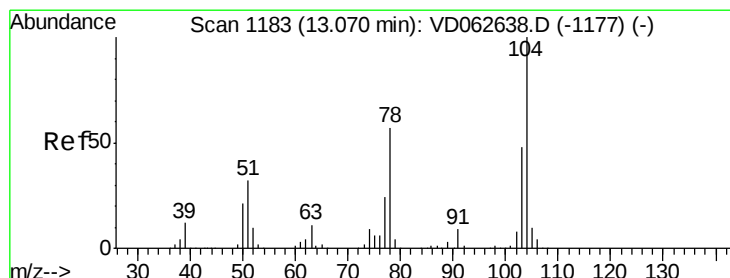
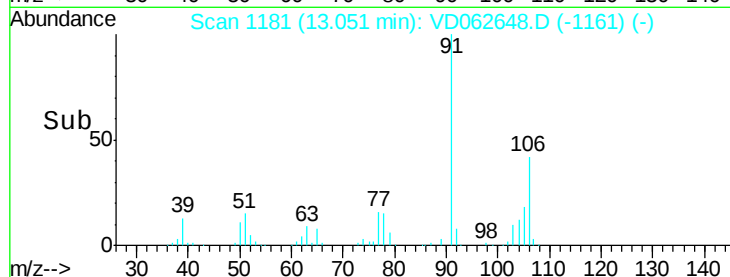
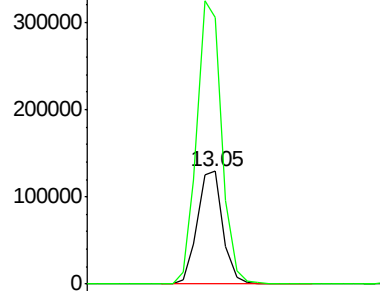
#69  
o-Xylene  
Concen: 20.355 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

Tot Ion:106 Resp: 213282  
Ion Ratio Lower Upper  
106 100  
91 237.0 124.1 372.1

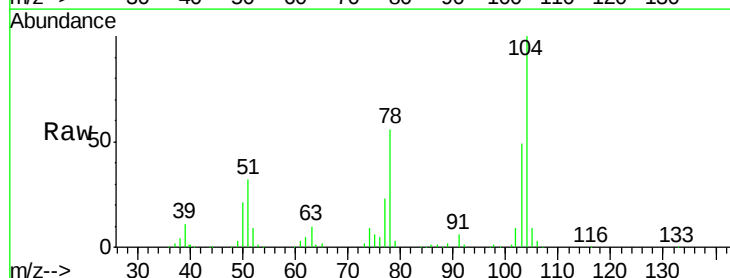


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

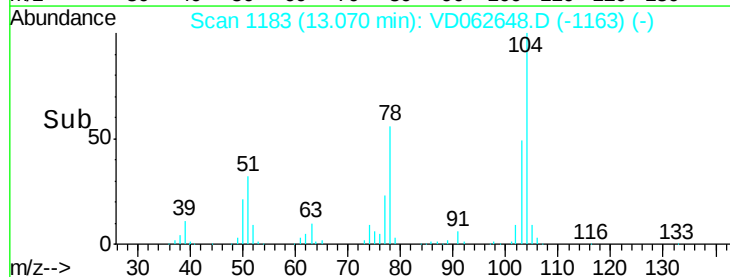
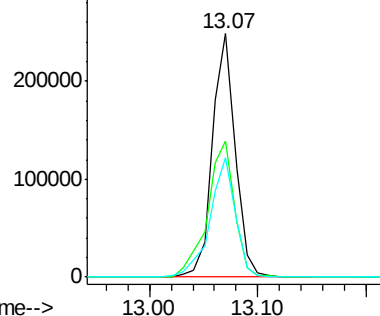


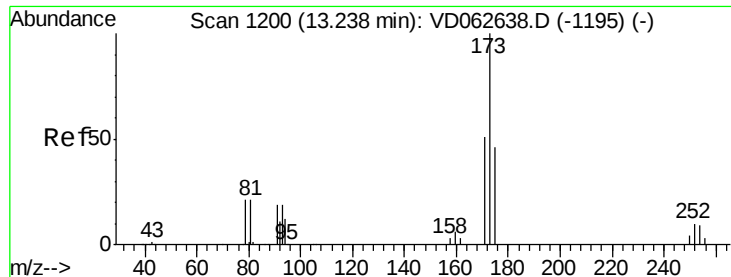
#70  
Styrene  
Concen: 19.465 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion:104 Resp: 363919  
Ion Ratio Lower Upper  
104 100  
78 55.6 45.9 68.9  
103 49.1 38.4 57.6



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





#71

Bromoform

Concen: 20.437 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

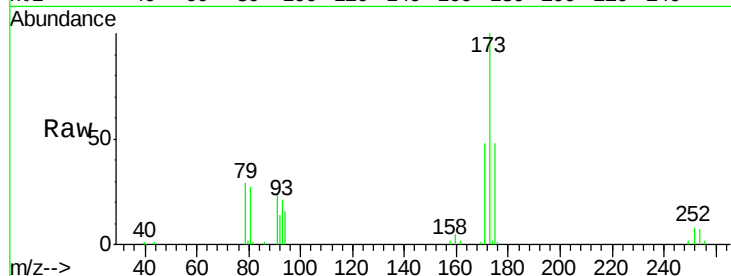
Tot Ion:173 Resp: 124981

Ion Ratio Lower Upper

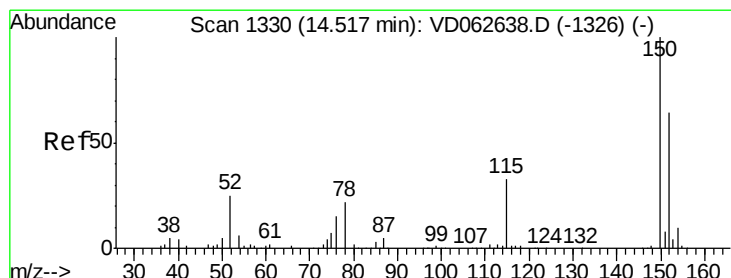
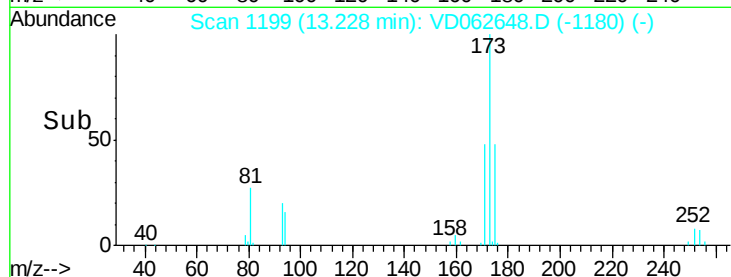
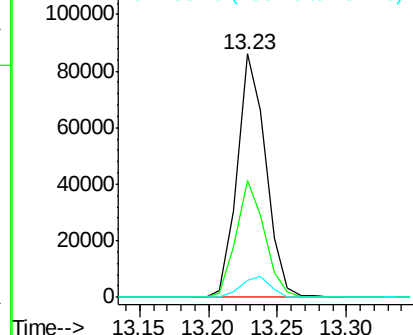
173 100

175 48.2 22.9 68.7

254 7.3 7.0 10.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

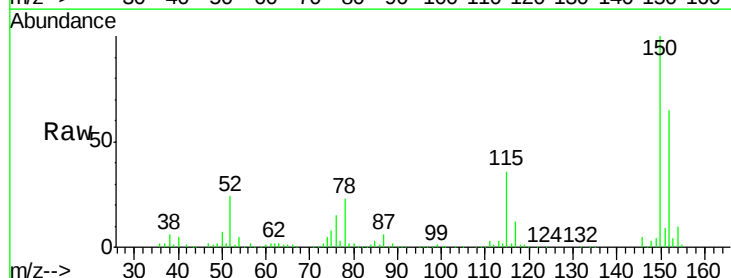
Tgt Ion:152 Resp: 447605

Ion Ratio Lower Upper

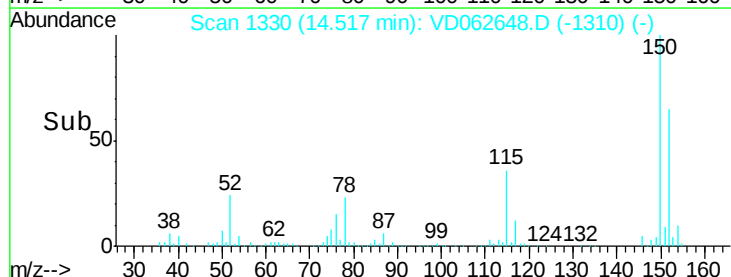
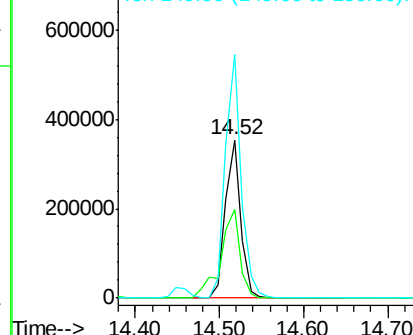
152 100

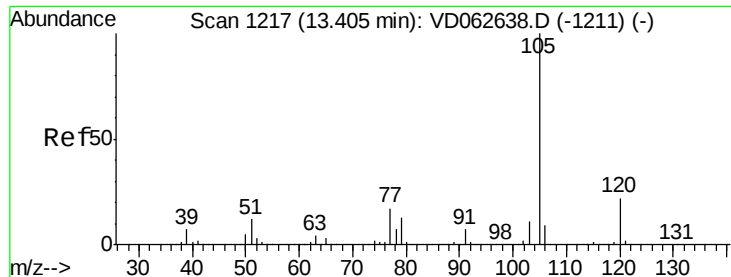
115 55.9 30.1 90.5

150 153.6 0.0 314.0



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

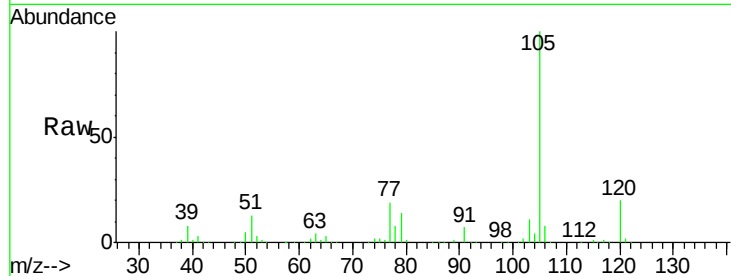




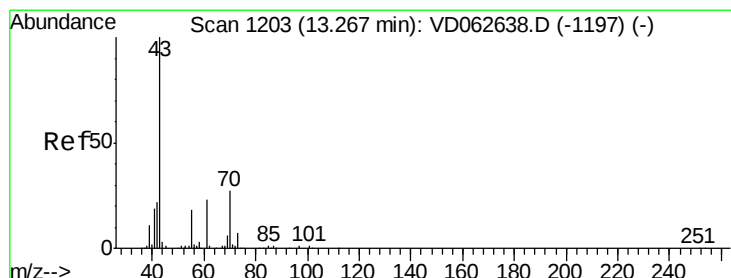
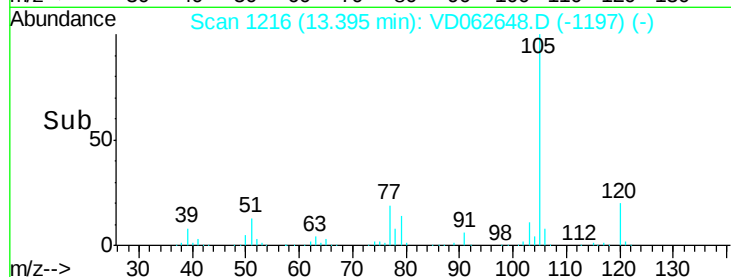
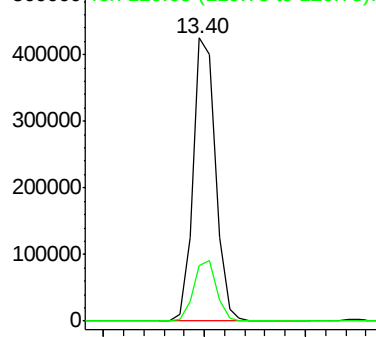
#73  
Isopropylbenzene  
Concen: 20.872 ug/l  
RT: 13.40 min Scan# 1216  
Delta R.T. -0.01 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

Tot Ion:105 Resp: 658483  
Ion Ratio Lower Upper  
105 100  
120 19.8 10.9 32.7

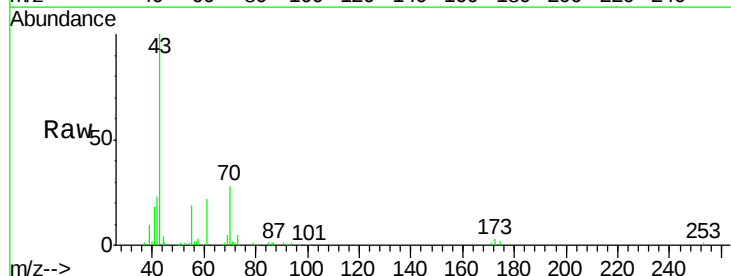


Abundance Ion 105.05 (104.75 to 105.75): V  
Ion 120.05 (119.75 to 120.75): V

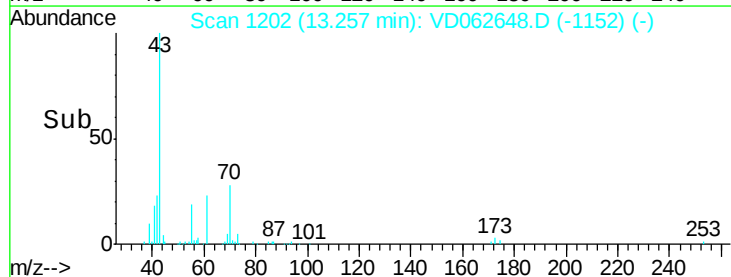
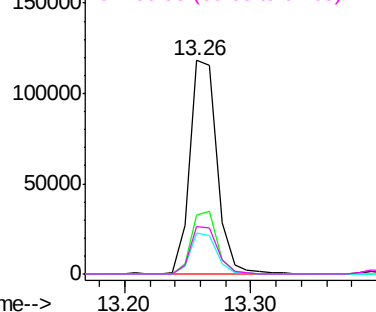


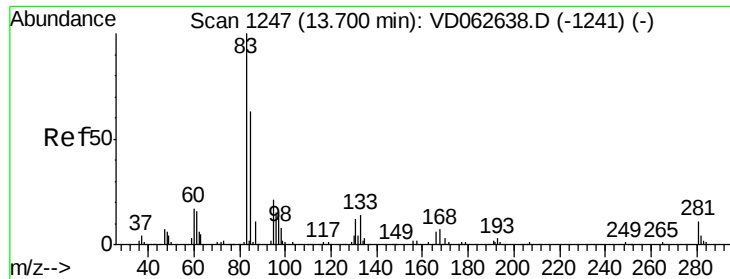
#74  
N-ethyl acetate  
Concen: 20.780 ug/l  
RT: 13.26 min Scan# 1202  
Delta R.T. -0.01 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion: 43 Resp: 177182  
Ion Ratio Lower Upper  
43 100  
70 27.6 21.8 32.8  
55 19.2 14.6 21.8  
61 22.4 18.4 27.6



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 19.892 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

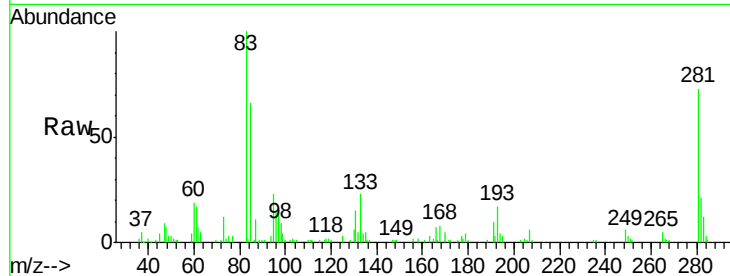
Tot Ion: 83 Resp: 107385

Ion Ratio Lower Upper

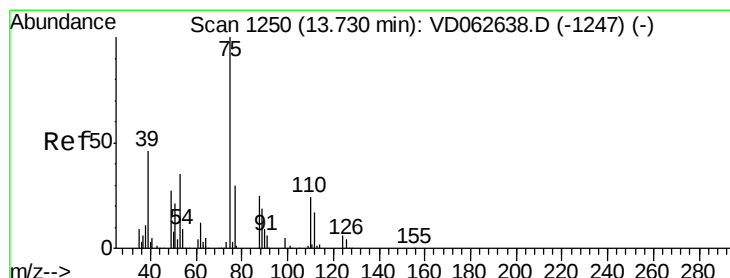
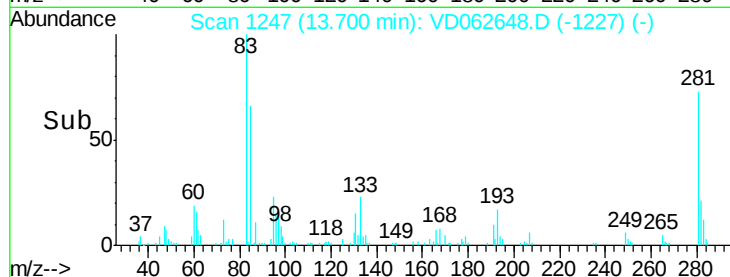
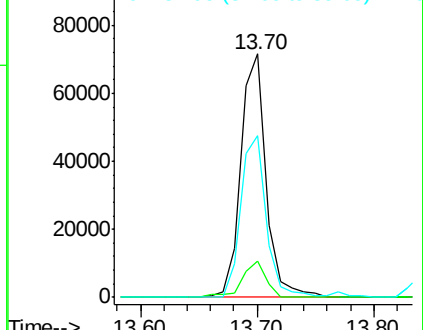
83 100

131 15.0 5.9 17.7

85 66.4 31.3 93.9



Abundance Ion 82.95 (82.65 to 83.65): VDC  
Ion 130.90 (130.60 to 131.60): VDC  
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 21.521 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VD062648.D

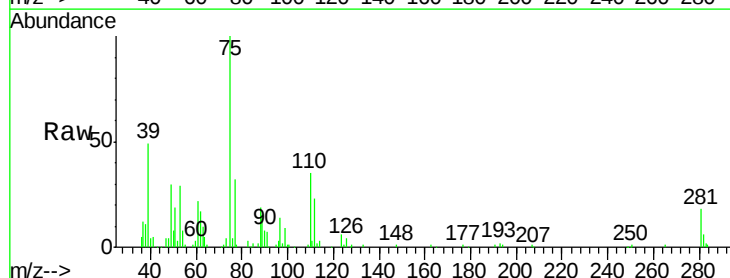
Acq: 10 Jun 2019 12:50

Tgt Ion: 75 Resp: 130610

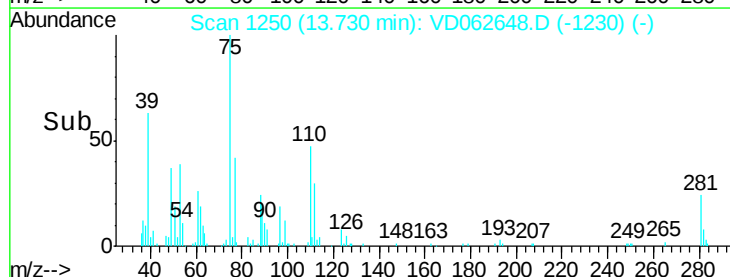
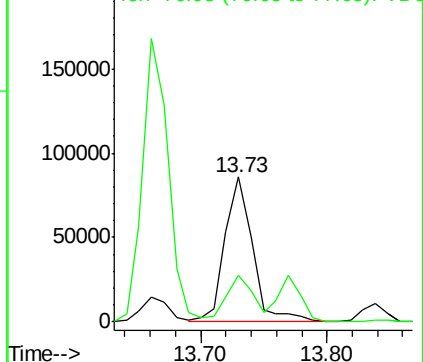
Ion Ratio Lower Upper

75 100

77 32.4 16.2 48.6



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





#77

Bromobenzene

Concen: 20.312 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

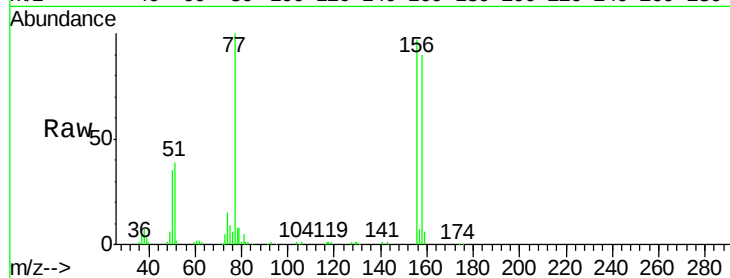
Tot Ion:156 Resp: 183162

Ion Ratio Lower Upper

156 100

77 103.0 56.3 168.8

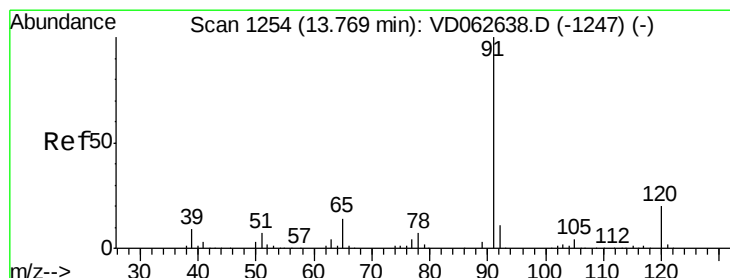
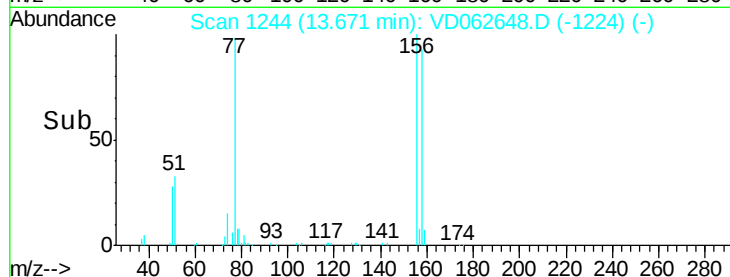
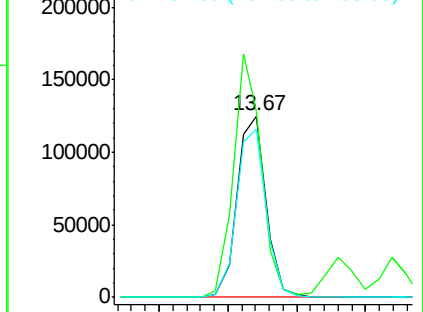
158 92.8 49.6 148.8



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 20.534 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD062648.D

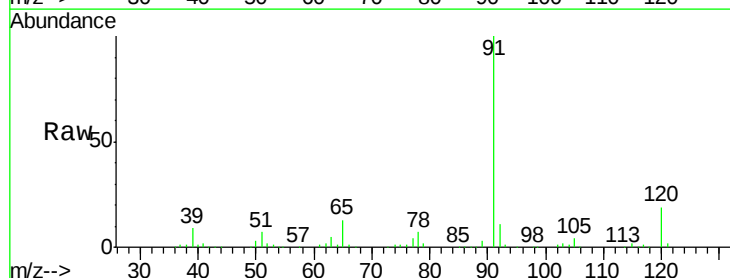
Acq: 10 Jun 2019 12:50

Tgt Ion: 91 Resp: 792972

Ion Ratio Lower Upper

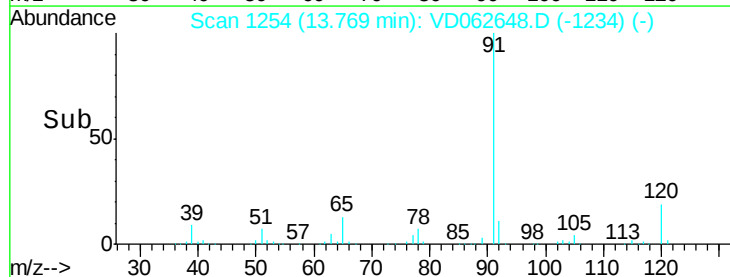
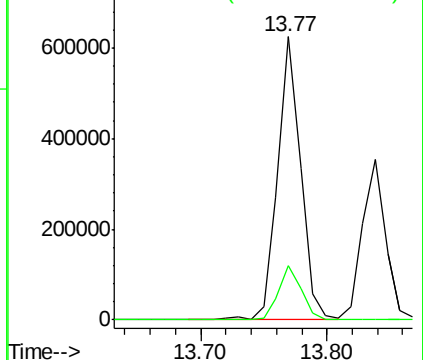
91 100

120 19.4 9.8 29.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

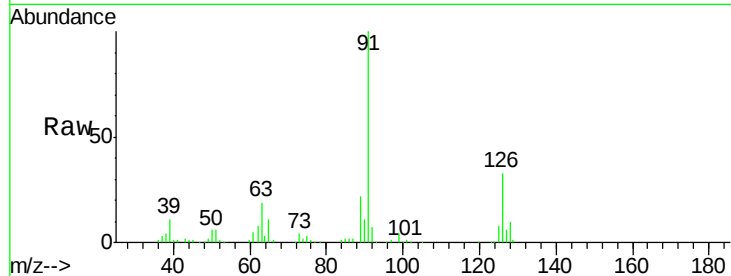




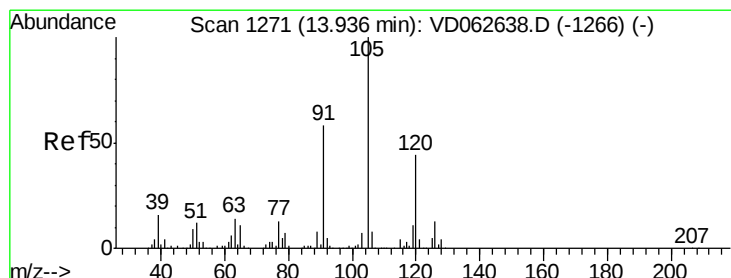
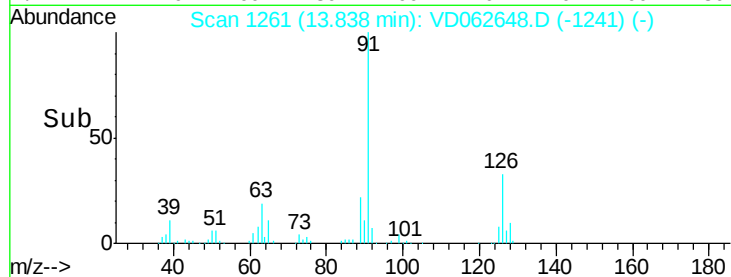
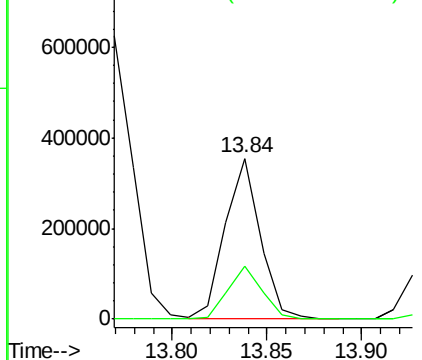
#79  
 2-Chlorotoluene  
 Concen: 20.140 ug/l  
 RT: 13.84 min Scan# 1261  
 Delta R.T. 0.00 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0610SBS01

Tot Ion: 91 Resp: 455407  
 Ion Ratio Lower Upper  
 91 100  
 126 33.3 15.8 47.4

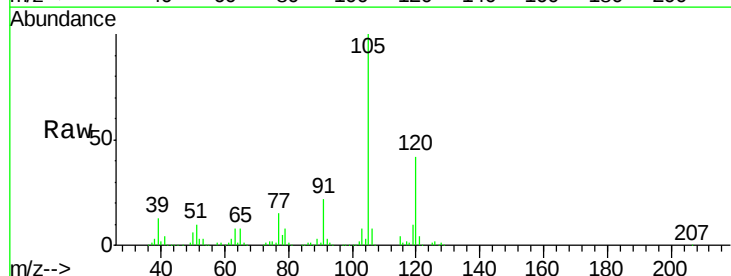


Abundance Ion 91.00 (90.70 to 91.70): VD062638.D (-1258) (-)  
 Ion 125.95 (125.65 to 126.65): VD062638.D (-1258) (-)

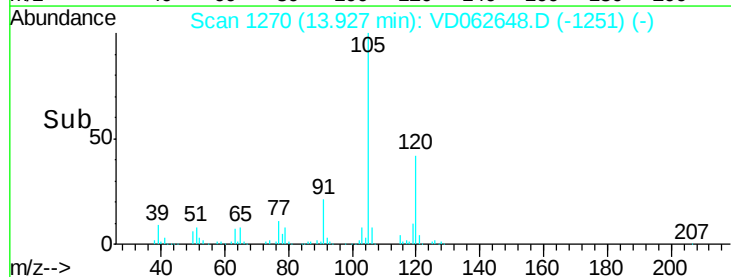
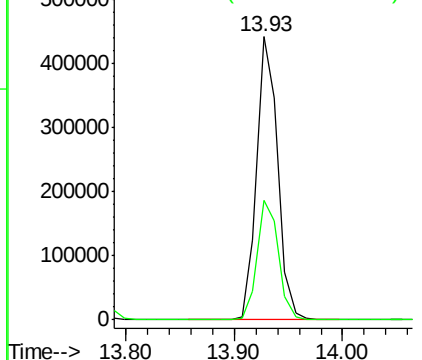


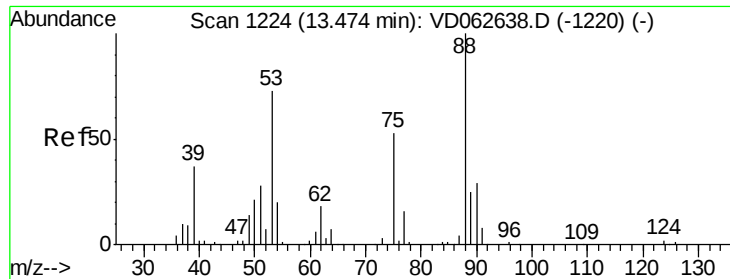
#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.411 ug/l  
 RT: 13.93 min Scan# 1270  
 Delta R.T. -0.01 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Tgt Ion: 105 Resp: 597009  
 Ion Ratio Lower Upper  
 105 100  
 120 42.1 22.1 66.5



Abundance Ion 105.05 (104.75 to 105.75): VD062638.D (-1266) (-)  
 Ion 120.05 (119.75 to 120.75): VD062638.D (-1266) (-)

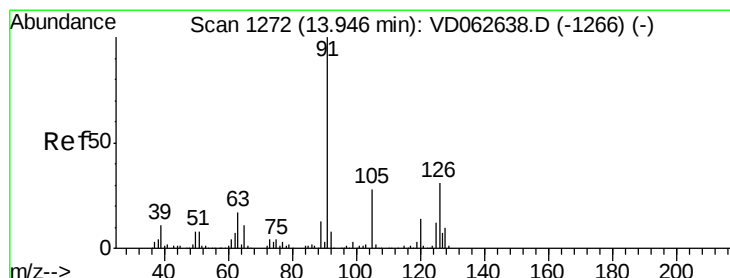
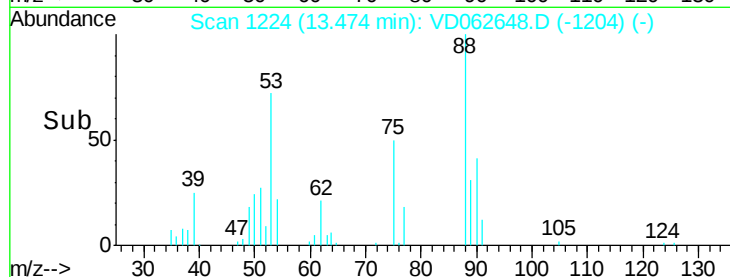
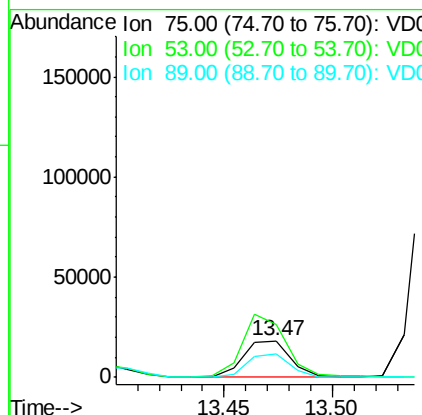
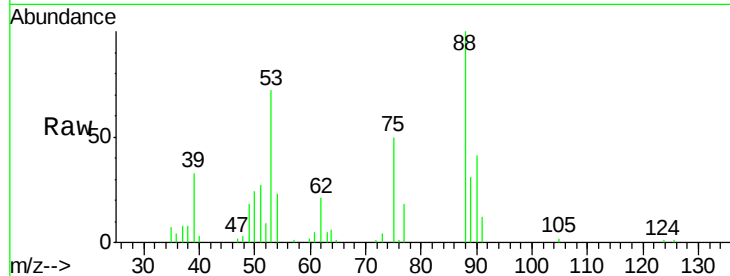




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.075 ug/l  
RT: 13.47 min Scan# 1224  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

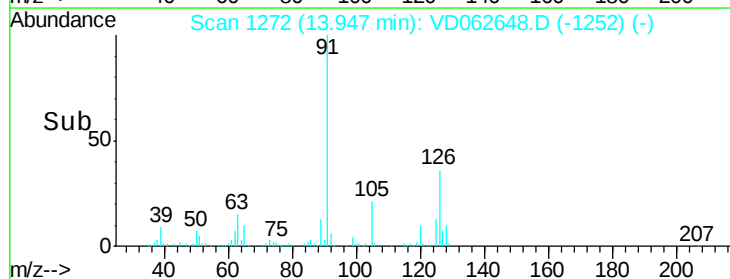
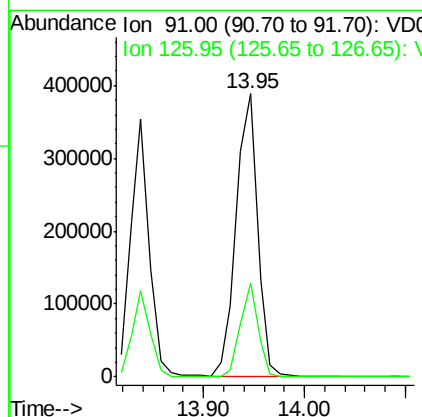
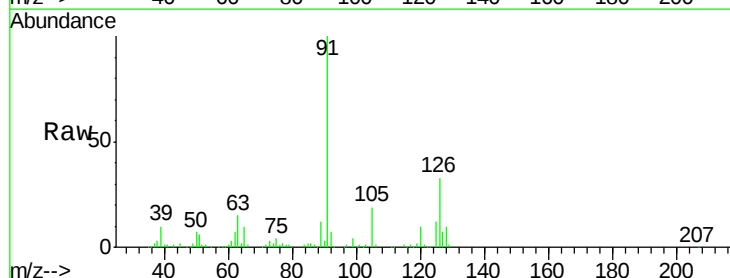
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

Tot Ion: 75 Resp: 27679  
Ion Ratio Lower Upper  
75 100  
53 144.8 109.4 164.2  
89 62.7 37.0 55.6#



#82  
4-Chlorotoluene  
Concen: 21.176 ug/l  
RT: 13.95 min Scan# 1272  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion: 91 Resp: 572616  
Ion Ratio Lower Upper  
91 100  
126 33.0 15.6 46.8

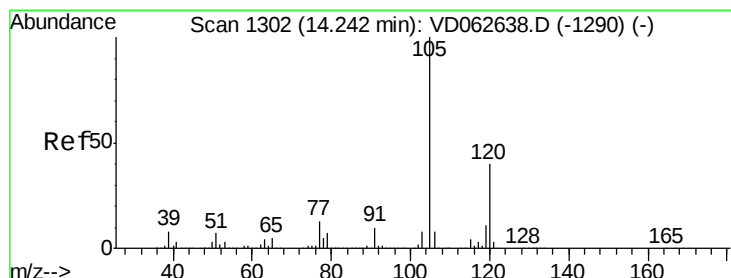
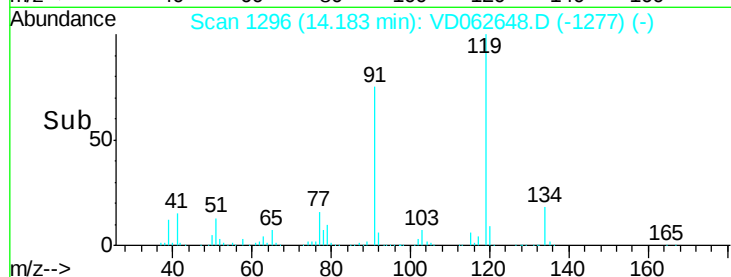
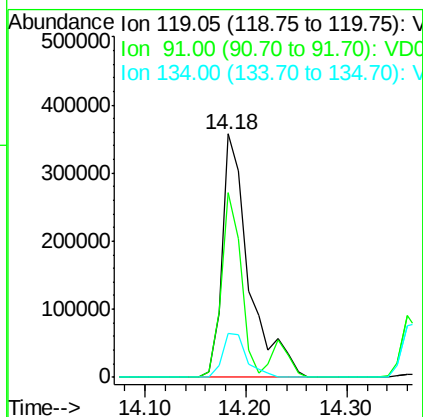
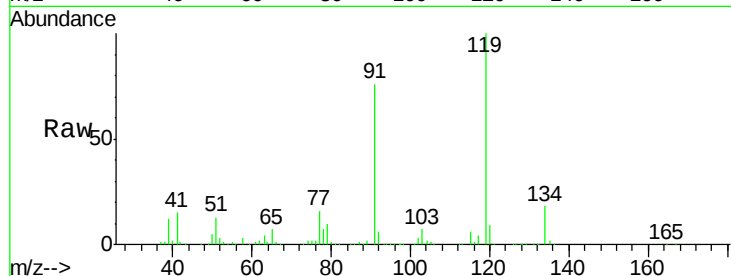




#83  
tert-Butylbenzene  
Concen: 21.557 ug/l  
RT: 14.18 min Scan# 1296  
Delta R.T. -0.01 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

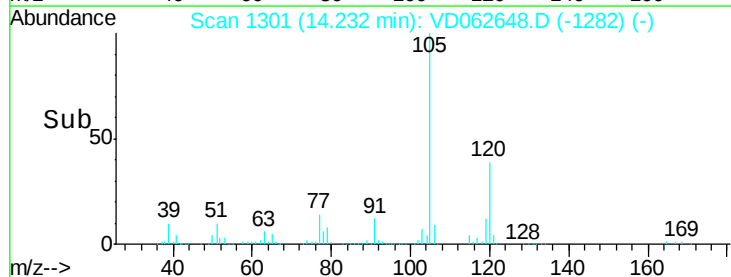
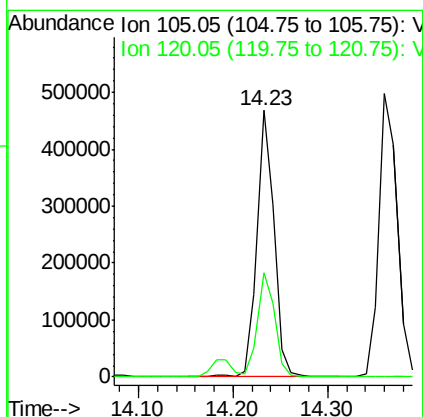
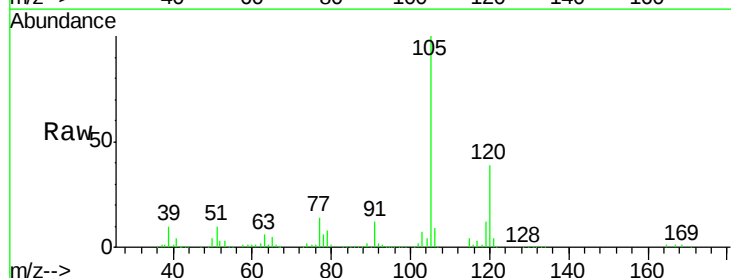
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

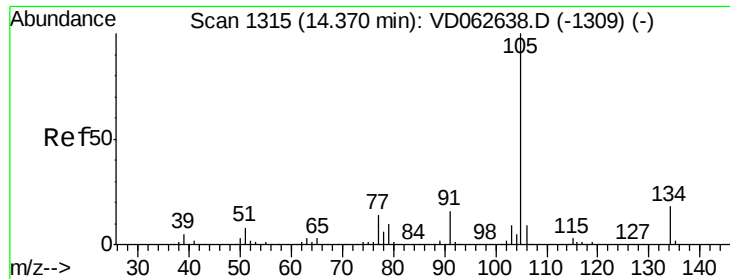
Tot Ion:119 Resp: 662970  
Ion Ratio Lower Upper  
119 100  
91 75.7 35.4 106.1  
134 18.2 10.8 32.3



#84  
1,2,4-Trimethylbenzene  
Concen: 21.242 ug/l  
RT: 14.23 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion:105 Resp: 586436  
Ion Ratio Lower Upper  
105 100  
120 39.0 20.3 60.8





#85

sec-Butylbenzene

Concen: 20.905 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

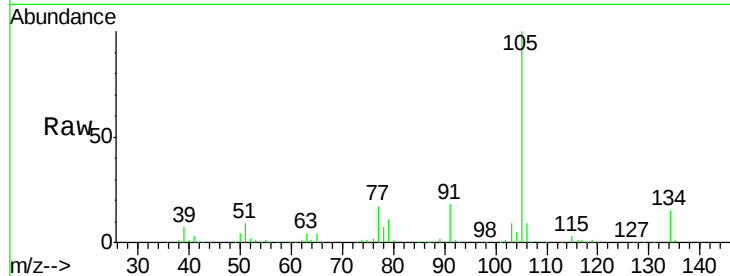
VD0610SBS01

Tot Ion:105 Resp: 674147

Ion Ratio Lower Upper

105 100

134 15.3 8.8 26.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

14.36

500000

400000

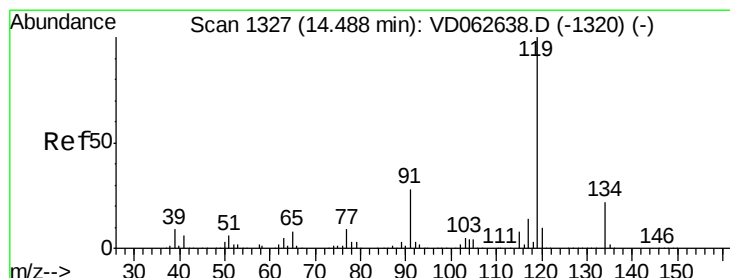
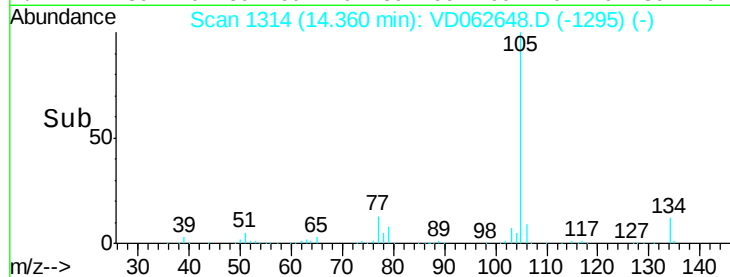
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.216 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

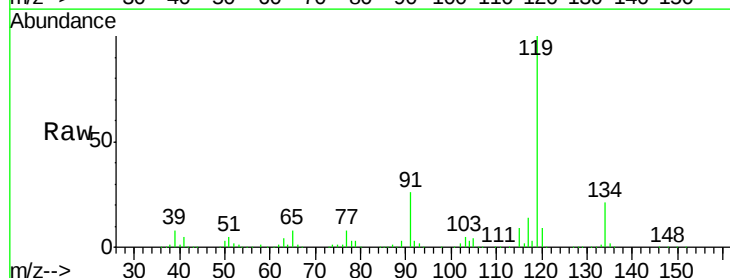
Tgt Ion:119 Resp: 634742

Ion Ratio Lower Upper

119 100

134 21.2 10.9 32.6

91 26.5 13.9 41.6



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

14.49

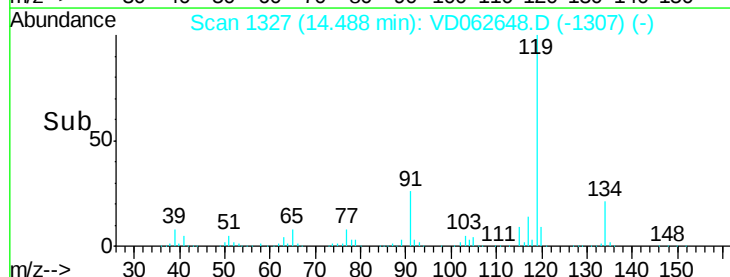
600000

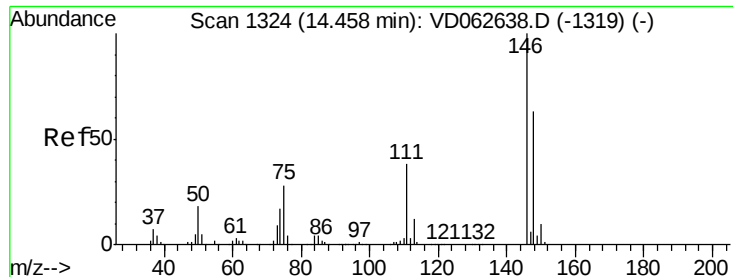
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.214 ug/l

RT: 14.45 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VD0610SBS01

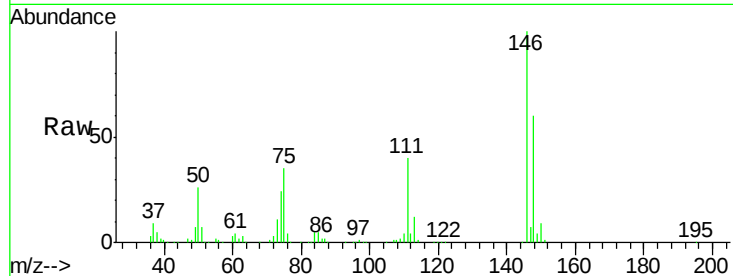
Tot Ion:146 Resp: 346540

Ion Ratio Lower Upper

146 100

111 39.7 19.2 57.6

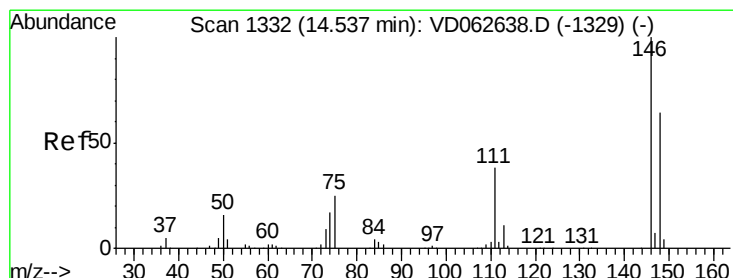
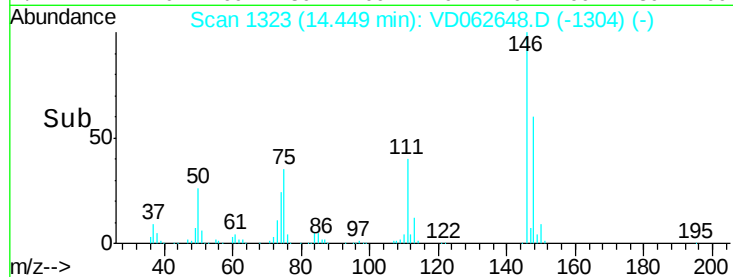
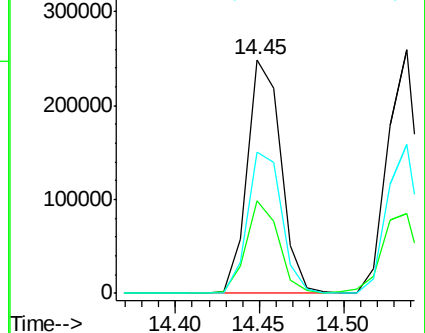
148 60.4 31.6 95.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.390 ug/l

RT: 14.54 min Scan# 1332

Delta R.T. 0.00 min

Lab File: VD062648.D

Acq: 10 Jun 2019 12:50

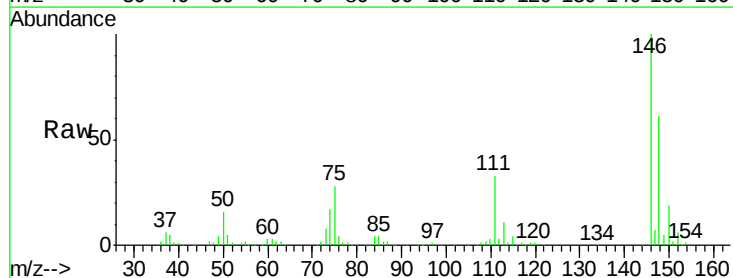
Tgt Ion:146 Resp: 330223

Ion Ratio Lower Upper

146 100

111 32.6 18.9 56.7

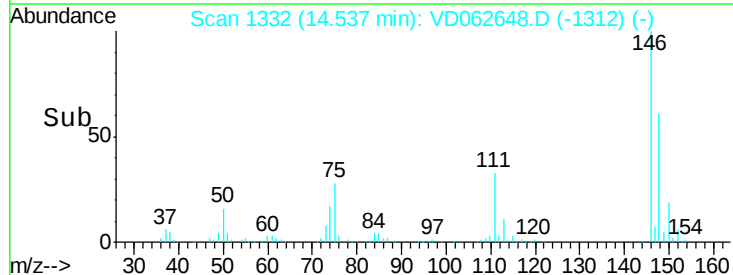
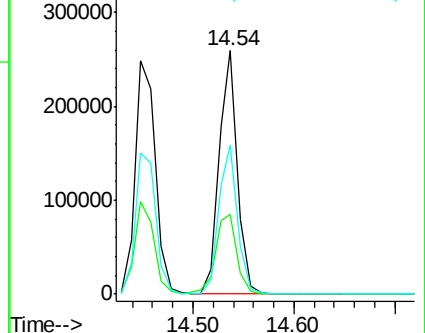
148 61.4 32.3 96.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

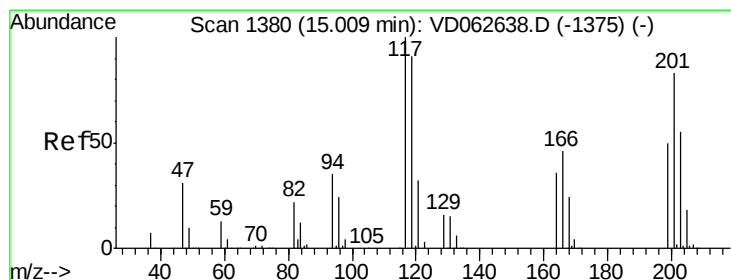
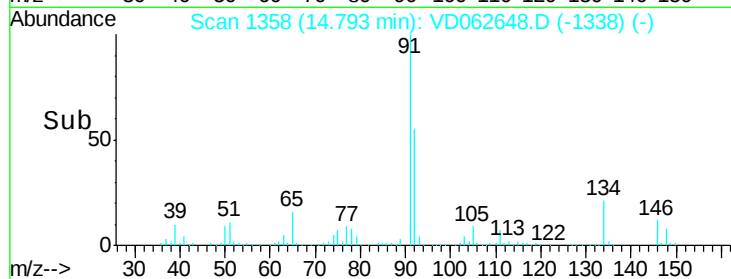
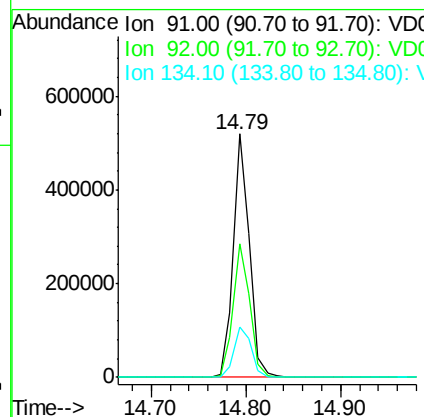
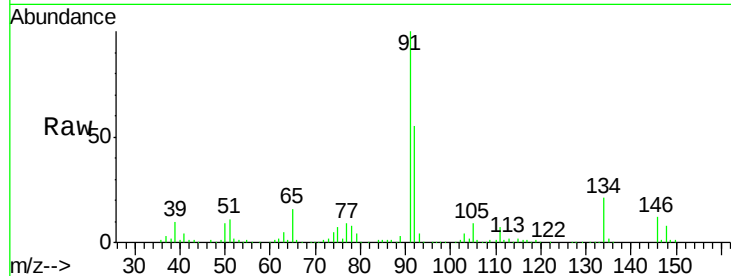




#89  
n-Butylbenzene  
Concen: 21.545 ug/l  
RT: 14.79 min Scan# 1358  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

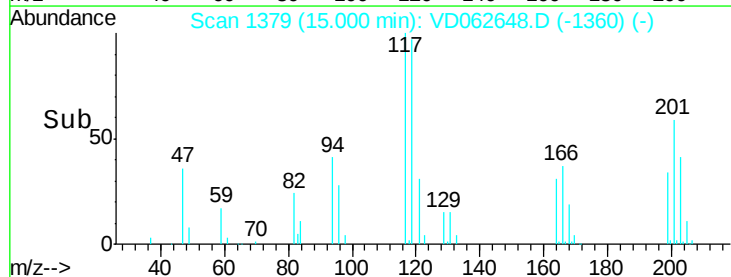
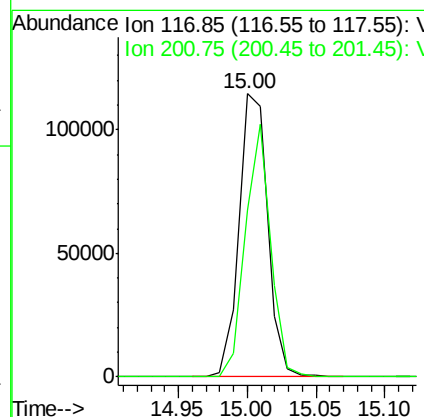
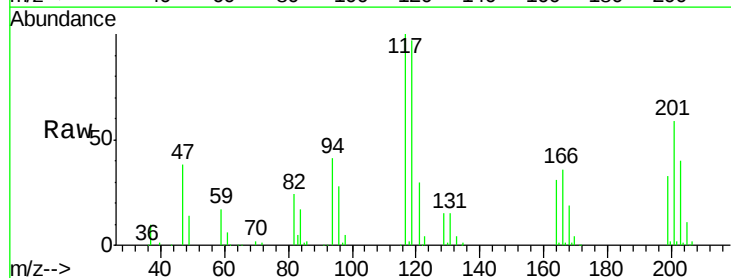
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

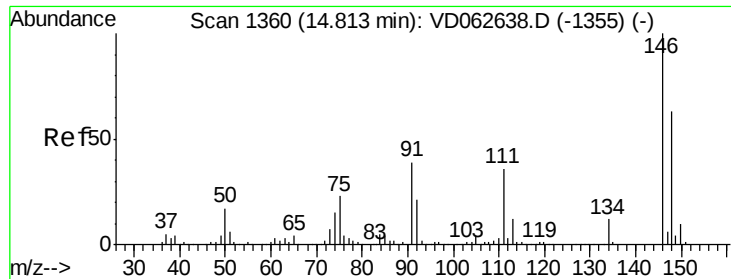
Tot Ion: 91 Resp: 608562  
Ion Ratio Lower Upper  
91 100  
92 54.6 29.4 88.3  
134 20.6 10.4 31.2



#90  
Hexachloroethane  
Concen: 20.116 ug/l  
RT: 15.00 min Scan# 1379  
Delta R.T. -0.01 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion: 117 Resp: 166738  
Ion Ratio Lower Upper  
117 100  
201 59.0 41.5 124.6

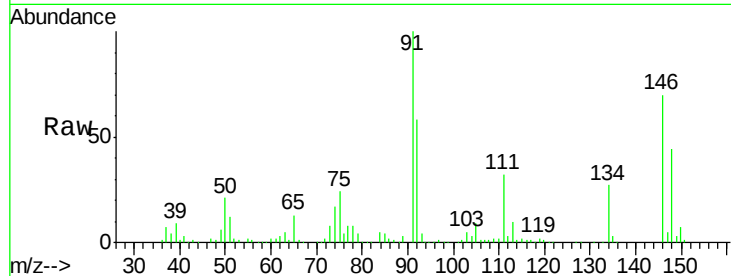




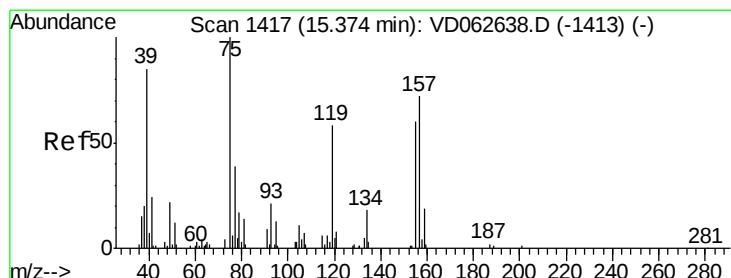
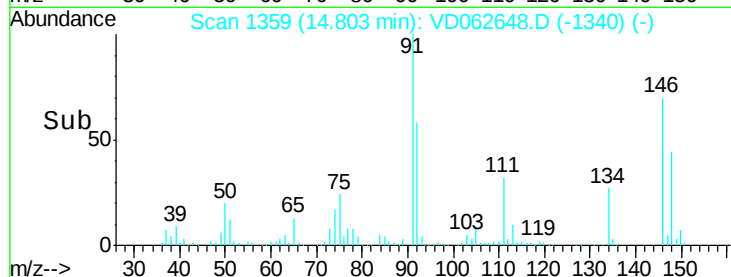
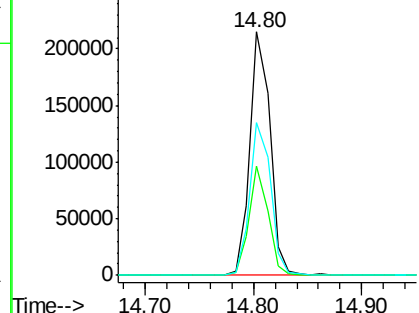
#91  
 1,2-Dichlorobenzene  
 Concen: 20.680 ug/l  
 RT: 14.80 min Scan# 1359  
 Delta R.T. -0.01 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0610SBS01

Tot Ion:146 Resp: 280818  
 Ion Ratio Lower Upper  
 146 100  
 111 45.0 18.1 54.3  
 148 62.5 31.4 94.0

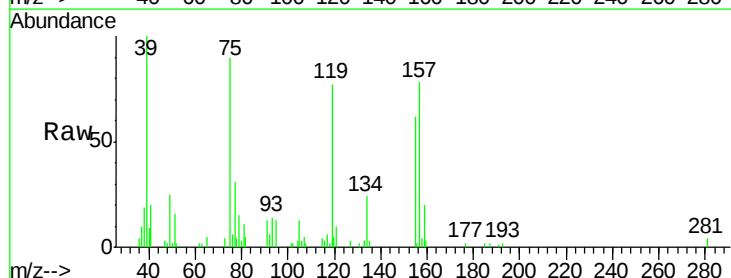


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

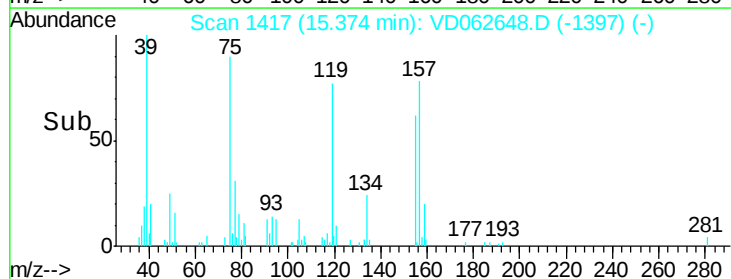
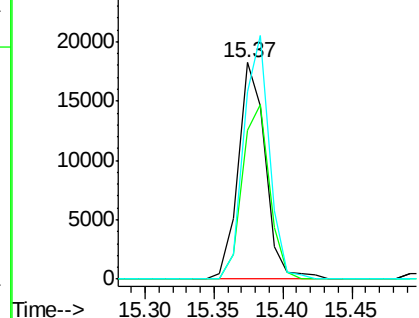


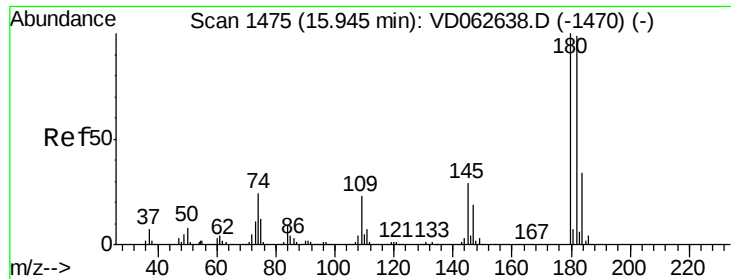
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.728 ug/l  
 RT: 15.37 min Scan# 1417  
 Delta R.T. 0.00 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Tgt Ion: 75 Resp: 25055  
 Ion Ratio Lower Upper  
 75 100  
 155 68.7 30.1 90.5  
 157 86.5 35.9 107.8



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

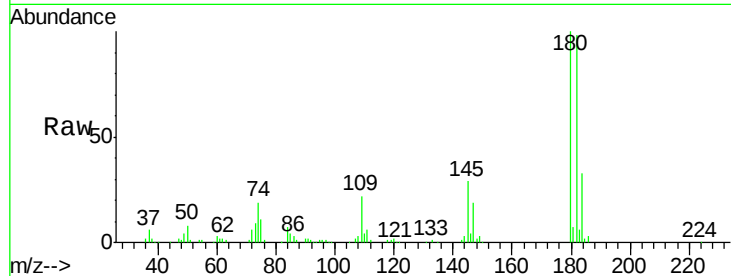




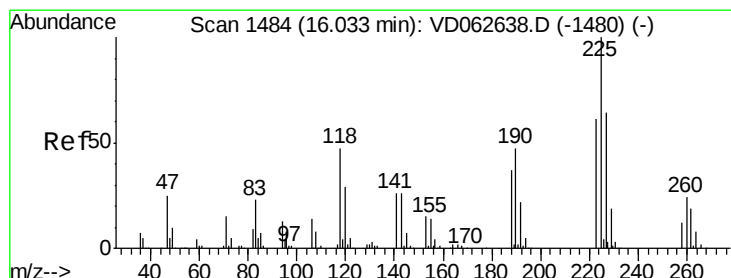
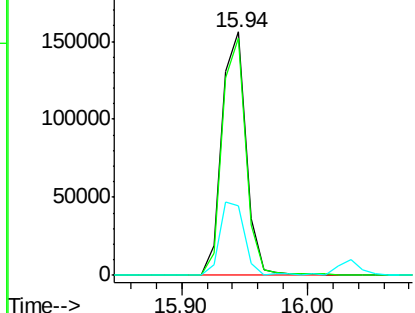
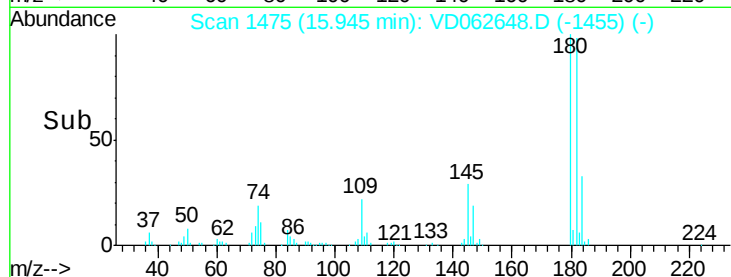
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.307 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. 0.00 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0610SBS01

Tot Ion:180 Resp: 207636  
 Ion Ratio Lower Upper  
 180 100  
 182 97.6 49.4 148.2  
 145 28.7 14.5 43.6

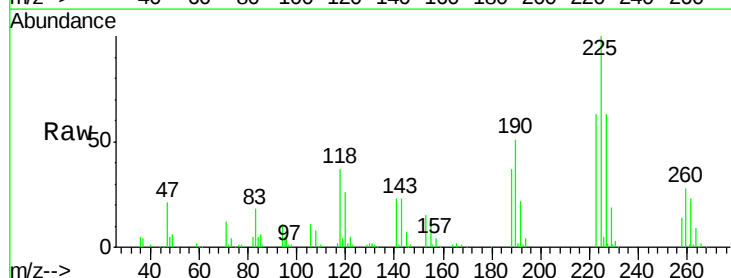


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

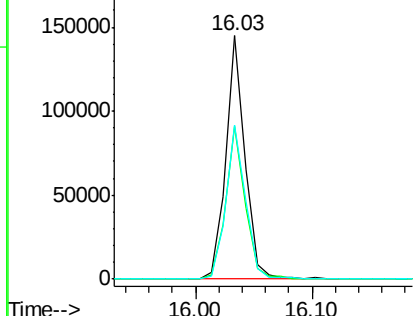
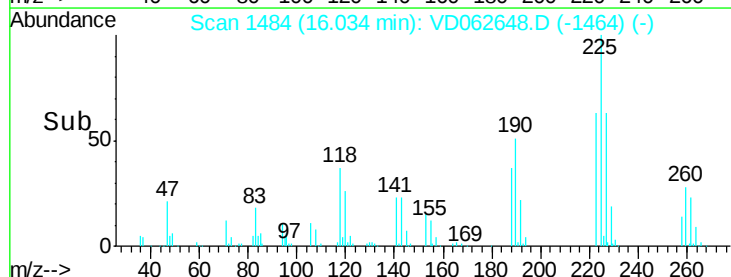


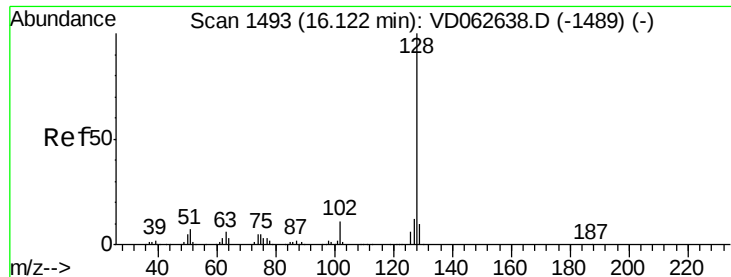
#94  
 Hexachlorobutadiene  
 Concen: 20.521 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. 0.00 min  
 Lab File: VD062648.D  
 Acq: 10 Jun 2019 12:50

Tgt Ion:225 Resp: 164521  
 Ion Ratio Lower Upper  
 225 100  
 223 62.9 30.3 91.0  
 227 63.1 31.8 95.4



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

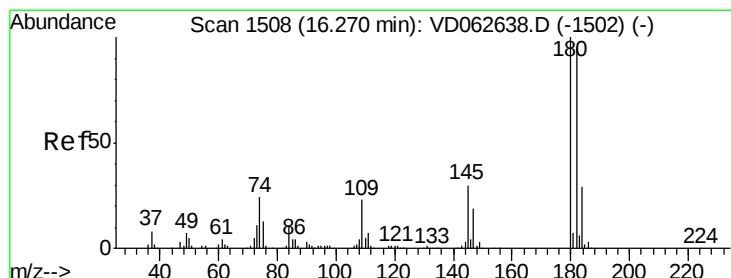
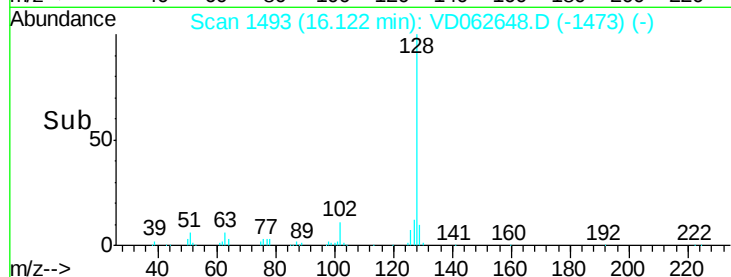
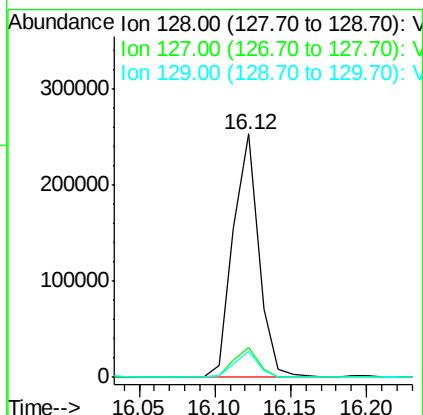
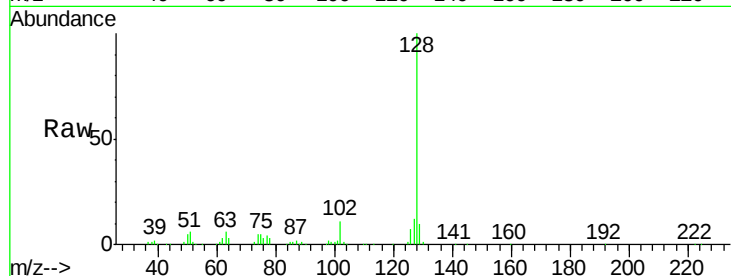




#95  
Naphthalene  
Concen: 20.517 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0610SBS01

Tot Ion:128 Resp: 297733  
Ion Ratio Lower Upper  
128 100  
127 12.2 9.7 14.5  
129 10.4 8.1 12.1



#96  
1,2,3-Trichlorobenzene  
Concen: 19.896 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. 0.00 min  
Lab File: VD062648.D  
Acq: 10 Jun 2019 12:50

Tgt Ion:180 Resp: 155620  
Ion Ratio Lower Upper  
180 100  
182 94.0 47.7 143.1  
145 29.2 15.0 45.0

