

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\  
 Data File : VD062930.D  
 Acq On : 27 Jun 2019 14:38  
 Operator : VA/AP  
 Sample : VD0627SBS02  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBS02

Quant Time: Jun 28 02:20:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:50:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.01  | 168  | 899153   | 50.00 | ug/l  | -0.04    |
| 34) 1,4-Difluorobenzene    | 8.19  | 114  | 1239039  | 50.00 | ug/l  | -0.03    |
| 63) Chlorobenzene-d5       | 12.35 | 117  | 971542   | 50.00 | ug/l  | -0.03    |
| 72) 1,4-Dichlorobenzene-d4 | 14.50 | 152  | 549547   | 50.00 | ug/l  | -0.02    |

|                             |        |     |          |       |        |       |
|-----------------------------|--------|-----|----------|-------|--------|-------|
| System Monitoring Compounds |        |     |          |       |        |       |
| 33) 1,2-Dichloroethane-d4   | 7.43   | 65  | 446439   | 45.68 | ug/l   | -0.04 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 91.36% |       |
| 35) Dibromofluoromethane    | 6.89   | 113 | 481890   | 46.12 | ug/l   | -0.04 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 92.24% |       |
| 50) Toluene-d8              | 10.39  | 98  | 1085163  | 47.72 | ug/l   | -0.03 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.44% |       |
| 62) 4-Bromofluorobenzene    | 13.54  | 95  | 446420   | 43.18 | ug/l   | -0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 86.36% |       |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.56 | 85  | 247226  | 21.248  | ug/l   | 98     |
| 3) Chloromethane              | 1.73 | 50  | 168384  | 19.243  | ug/l   | 97     |
| 4) Vinyl Chloride             | 1.83 | 62  | 184093  | 21.218  | ug/l   | 95     |
| 5) Bromomethane               | 2.13 | 94  | 63343   | 15.590  | ug/l   | 99     |
| 6) Chloroethane               | 2.24 | 64  | 77027   | 19.610  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.50 | 101 | 319794  | 18.213  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.85 | 74  | 46406   | 20.801  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.12 | 101 | 180119  | 18.935  | ug/l   | 91     |
| 10) Methyl Iodide             | 3.27 | 142 | 232229  | 18.505  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.06 | 59  | 46106   | 103.577 | ug/l # | 81     |
| 12) 1,1-Dichloroethene        | 3.09 | 96  | 138082  | 19.350  | ug/l   | 90     |
| 13) Acrolein                  | 3.01 | 56  | 25565   | 56.257  | ug/l   | 86     |
| 14) Allyl chloride            | 3.59 | 41  | 226714  | 21.501  | ug/l   | 89     |
| 15) Acrylonitrile             | 4.17 | 53  | 119065  | 113.834 | ug/l   | 91     |
| 16) Acetone                   | 3.20 | 43  | 185636  | 89.160  | ug/l # | 89     |
| 17) Carbon Disulfide          | 3.34 | 76  | 429921  | 18.851  | ug/l   | 96     |
| 18) Methyl Acetate            | 3.62 | 43  | 82296   | 27.893  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 4.21 | 73  | 323787  | 20.960  | ug/l   | 98     |
| 20) Methylene Chloride        | 3.78 | 84  | 160125  | 21.482  | ug/l   | 86     |
| 21) trans-1,2-Dichloroethene  | 4.18 | 96  | 161606  | 21.269  | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.08 | 45  | 451327  | 21.048  | ug/l   | 98     |
| 23) Vinyl Acetate             | 5.02 | 43  | 1334337 | 99.444  | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 4.94 | 63  | 290349  | 20.797  | ug/l   | 99     |
| 25) 2-Butanone                | 6.04 | 43  | 186482  | 102.016 | ug/l # | 91     |
| 26) 2,2-Dichloropropane       | 5.99 | 77  | 316604  | 21.395  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.00 | 96  | 177424  | 22.081  | ug/l   | 95     |
| 28) Bromochloromethane        | 6.40 | 49  | 100824  | 20.505  | ug/l   | 94     |
| 29) Tetrahydrofuran           | 6.43 | 42  | 88148   | 101.919 | ug/l   | 96     |
| 30) Chloroform                | 6.63 | 83  | 338780  | 19.953  | ug/l   | 96     |
| 31) Cyclohexane               | 6.92 | 56  | 187334  | 20.411  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 6.84 | 97  | 366084  | 20.700  | ug/l # | 88     |
| 36) 1,1-Dichloropropene       | 7.11 | 75  | 245255  | 20.910  | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.16 | 43  | 101953  | 20.032  | ug/l # | 94     |
| 38) Carbon Tetrachloride      | 7.08 | 117 | 326440  | 18.505  | ug/l   | 94     |

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 Sample : VD0627SBS02  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBS02

Quant Time: Jun 28 02:20:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:50:56 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.83  | 83   | 193775   | 18.768  | ug/l   | 96       |
| 40) Benzene                    | 7.43  | 78   | 467068   | 19.838  | ug/l   | 100      |
| 41) Methacrylonitrile          | 6.43  | 41   | 116368   | 18.813  | ug/l # | 89       |
| 42) 1,2-Dichloroethane         | 7.55  | 62   | 241114   | 18.773  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 9.22  | 43   | 130851   | 21.279  | ug/l # | 94       |
| 44) Trichloroethene            | 8.52  | 130  | 182867   | 19.811  | ug/l   | 89       |
| 45) 1,2-Dichloropropane        | 8.91  | 63   | 119000   | 20.327  | ug/l   | 99       |
| 46) Dibromomethane             | 9.04  | 93   | 101136   | 20.110  | ug/l   | 88       |
| 47) Bromodichloromethane       | 9.35  | 83   | 260920   | 19.977  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.10  | 41   | 88054    | 20.150  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.07  | 88   | 16312    | 448.679 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone       | 10.28 | 43   | 432455   | 99.192  | ug/l   | 98       |
| 52) Toluene                    | 10.49 | 92   | 303934   | 19.204  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.89 | 75   | 204245   | 19.106  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene    | 10.01 | 75   | 232980   | 20.051  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane      | 11.17 | 97   | 113482   | 20.871  | ug/l   | 89       |
| 56) Ethyl methacrylate         | 11.02 | 69   | 116626   | 20.070  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 11.38 | 76   | 161041   | 19.343  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.84  | 63   | 278796   | 93.455  | ug/l   | 95       |
| 59) 2-Hexanone                 | 11.51 | 43   | 324406   | 104.479 | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.67 | 129  | 196659   | 19.418  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.79 | 107  | 119907   | 18.672  | ug/l   | 97       |
| 64) Tetrachloroethene          | 11.24 | 164  | 162375   | 20.307  | ug/l   | 92       |
| 65) Chlorobenzene              | 12.39 | 112  | 368604   | 20.443  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.50 | 131  | 183134   | 21.718  | ug/l   | 97       |
| 67) Ethyl Benzene              | 12.51 | 91   | 702061   | 21.687  | ug/l   | 98       |
| 68) m/p-Xylenes                | 12.65 | 106  | 484841   | 43.002  | ug/l   | 99       |
| 69) o-Xylene                   | 13.04 | 106  | 221151   | 21.456  | ug/l   | 97       |
| 70) Styrene                    | 13.06 | 104  | 390463   | 21.568  | ug/l   | 99       |
| 71) Bromoform                  | 13.22 | 173  | 111021   | 19.217  | ug/l   | 98       |
| 73) Isopropylbenzene           | 13.39 | 105  | 722869   | 20.515  | ug/l   | 99       |
| 74) N-amyl acetate             | 13.25 | 43   | 170170   | 19.887  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.69 | 83   | 120938   | 21.065  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 13.72 | 75   | 127732   | 20.134  | ug/l   | 98       |
| 77) Bromobenzene               | 13.66 | 156  | 197831   | 20.874  | ug/l   | 95       |
| 78) n-propylbenzene            | 13.77 | 91   | 818128   | 19.949  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 13.82 | 91   | 491944   | 20.990  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 13.92 | 105  | 647677   | 21.883  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-buten | 13.46 | 75   | 34972    | 21.033  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 13.93 | 91   | 608903   | 21.580  | ug/l   | 95       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 669561   | 20.296  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 602004   | 19.845  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 692236   | 19.306  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 14.48 | 119  | 701147   | 21.375  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 14.44 | 146  | 330450   | 19.451  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene        | 14.52 | 146  | 320731   | 18.796  | ug/l   | 96       |
| 89) n-Butylbenzene             | 14.79 | 91   | 560590   | 18.259  | ug/l   | 97       |
| 90) Hexachloroethane           | 15.00 | 117  | 171126   | 19.403  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 276570   | 19.027  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 22736    | 20.290  | ug/l   | 77       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\  
 Data File : VD062930.D  
 Acq On : 27 Jun 2019 14:38  
 Operator : VA/AP  
 Sample : VD0627SBSD02  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

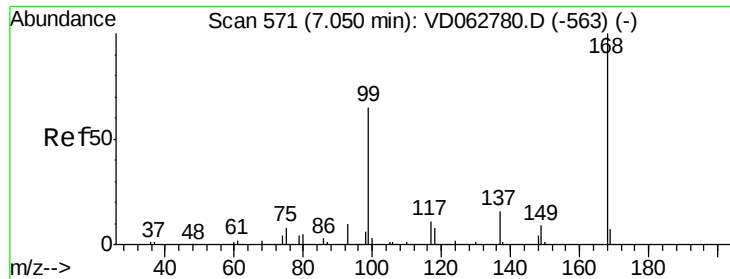
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD02

Quant Time: Jun 28 02:20:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:50:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.93 | 180  | 222419   | 19.589 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 157894   | 18.202 | ug/l  | 95       |
| 95) Naphthalene            | 16.11 | 128  | 306936   | 19.287 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 186943   | 21.428 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 567

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

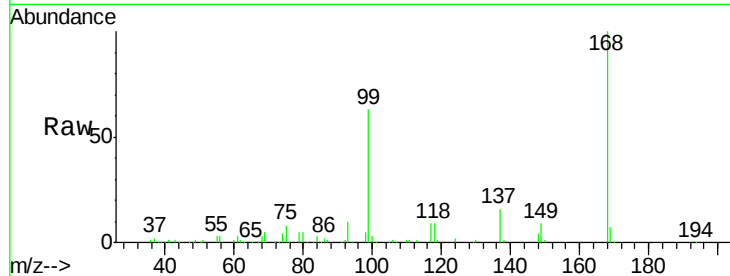
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD02

Tot Ion:168 Resp: 899153

Ion Ratio Lower Upper

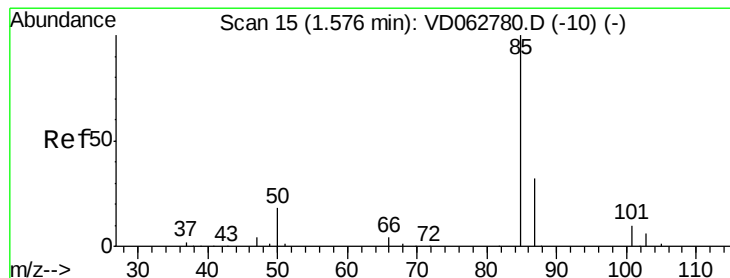
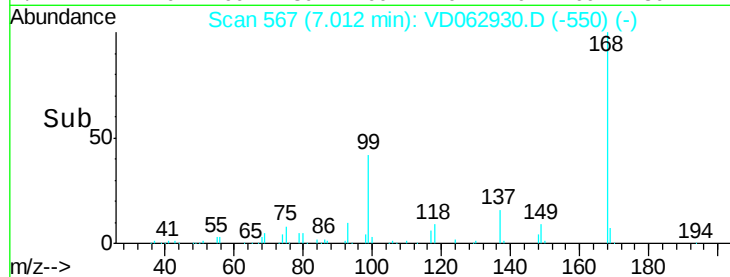
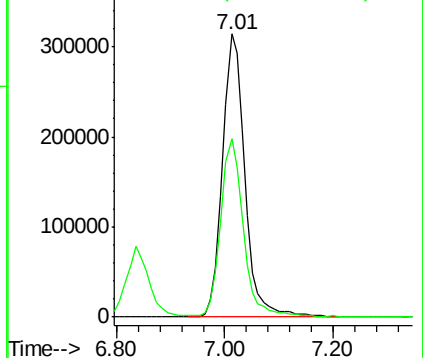
168 100

99 62.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 21.248 ug/l

RT: 1.56 min Scan# 13

Delta R.T. -0.02 min

Lab File: VD062930.D

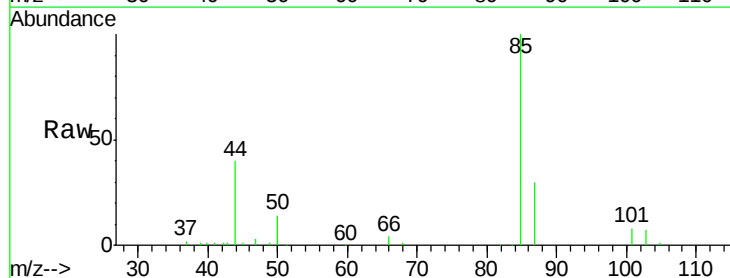
Acq: 27 Jun 2019 14:38

Tgt Ion: 85 Resp: 247226

Ion Ratio Lower Upper

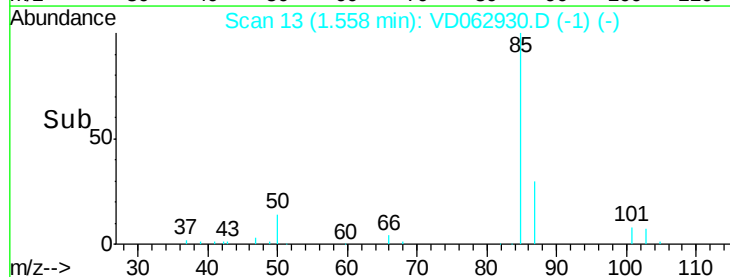
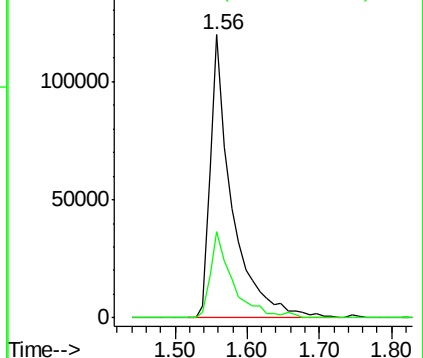
85 100

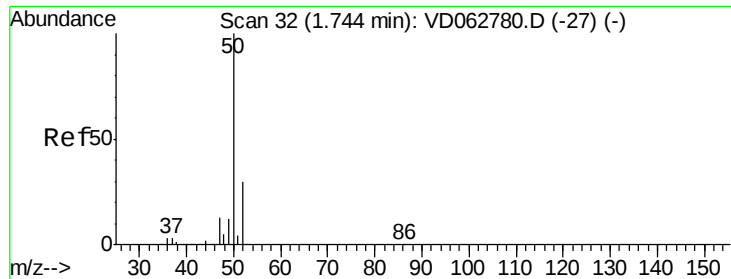
87 30.5 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.243 ug/l

RT: 1.73 min Scan# 30

Delta R.T. -0.02 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

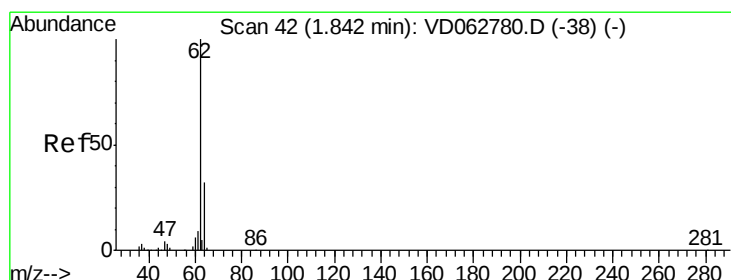
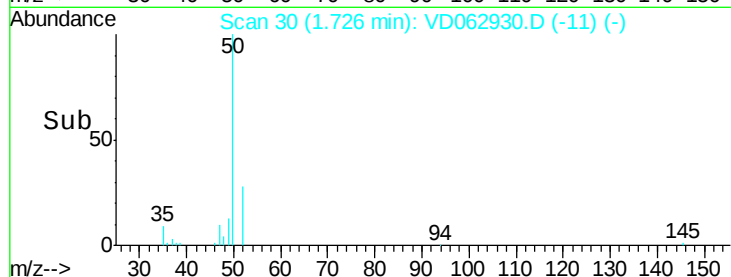
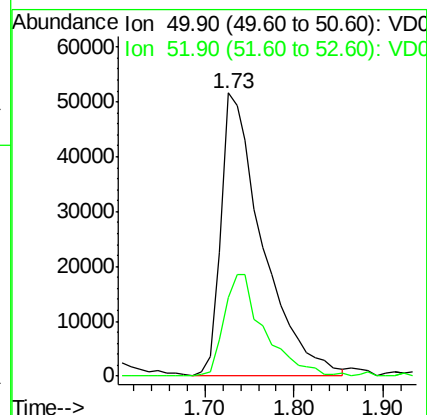
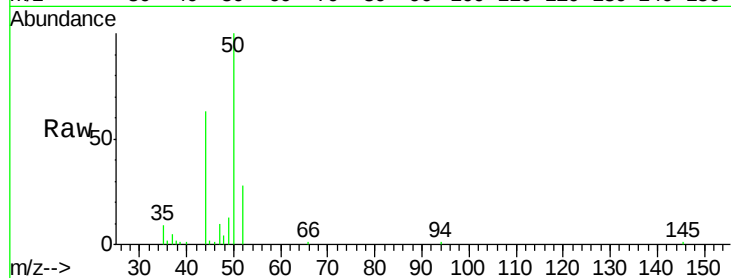
VD0627SBS02

Tot Ion: 50 Resp: 168384

Ion Ratio Lower Upper

50 100

52 27.7 23.6 35.4



#4

Vinyl Chloride

Concen: 21.218 ug/l

RT: 1.83 min Scan# 41

Delta R.T. -0.01 min

Lab File: VD062930.D

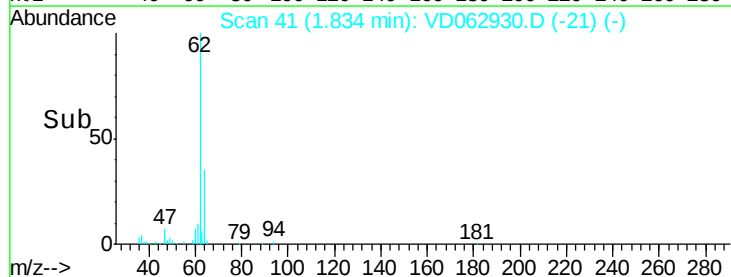
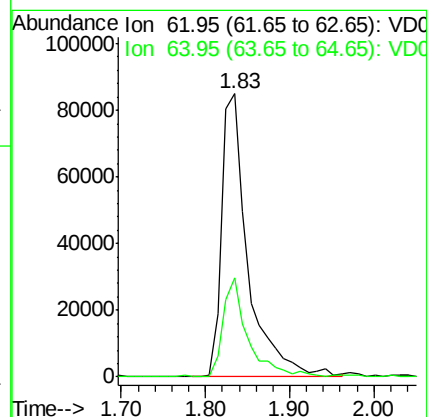
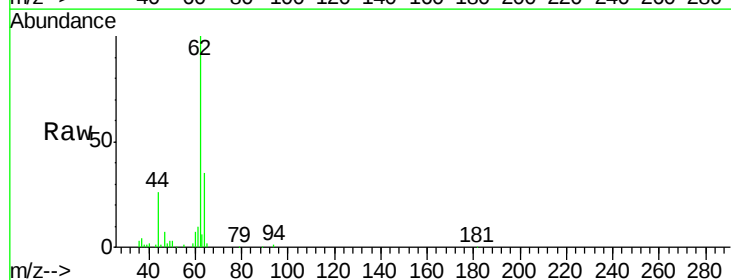
Acq: 27 Jun 2019 14:38

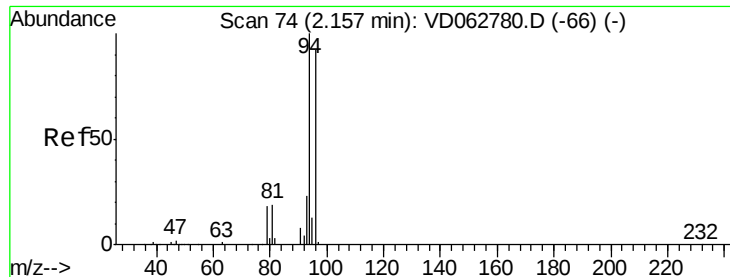
Tgt Ion: 62 Resp: 184093

Ion Ratio Lower Upper

62 100

64 34.8 25.6 38.4





#5

Bromomethane

Concen: 15.590 ug/l

RT: 2.13 min Scan# 71

Delta R.T. -0.03 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBS02

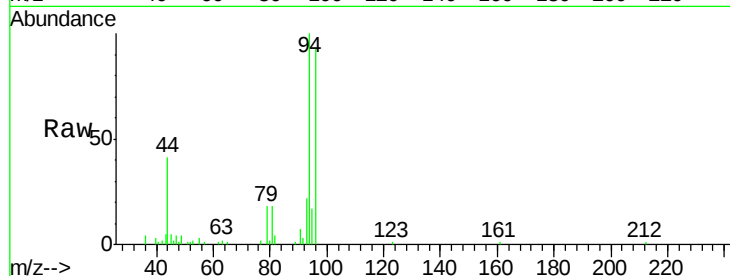
Tot Ion: 94 Resp: 63343

Ion Ratio Lower Upper

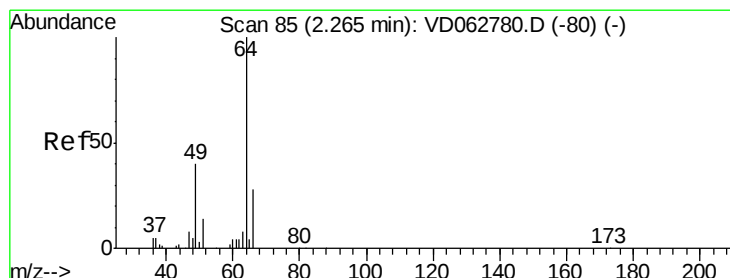
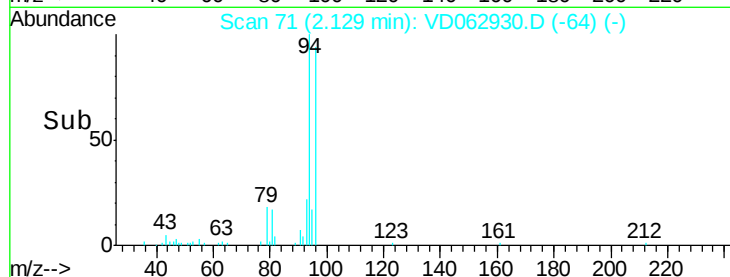
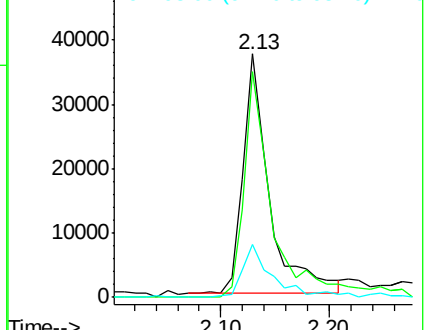
94 100

96 92.6 73.4 110.2

93 21.7 18.2 27.4



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



#6

Chloroethane

Concen: 19.610 ug/l

RT: 2.24 min Scan# 82

Delta R.T. -0.03 min

Lab File: VD062930.D

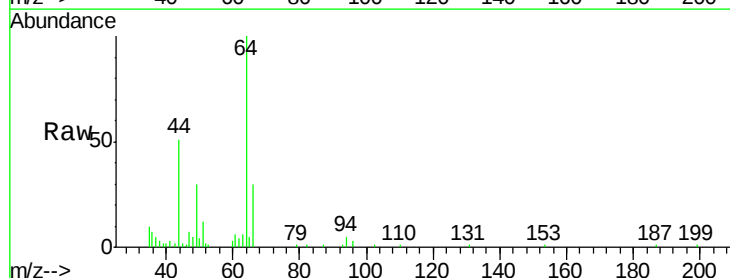
Acq: 27 Jun 2019 14:38

Tgt Ion: 64 Resp: 77027

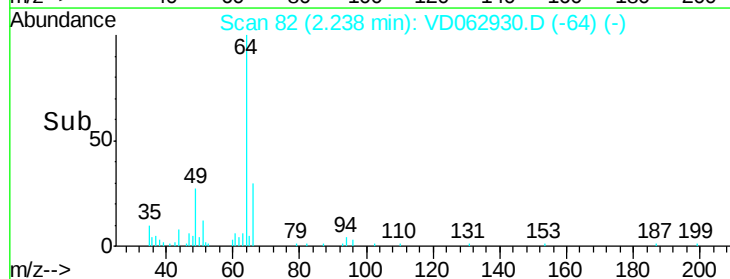
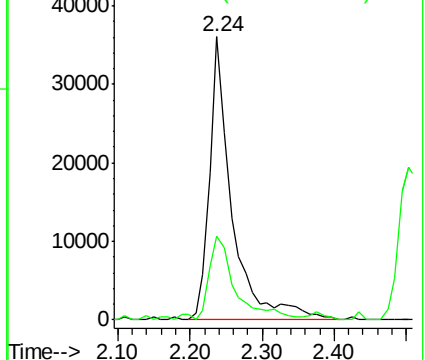
Ion Ratio Lower Upper

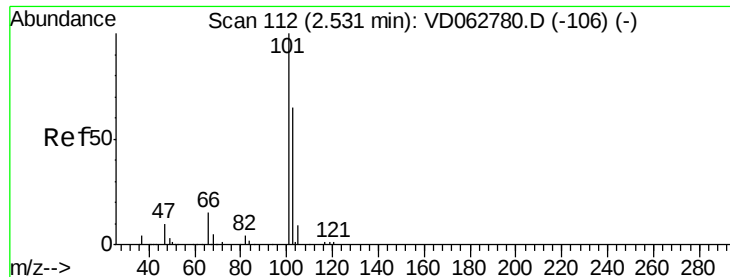
64 100

66 29.6 23.0 34.4



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



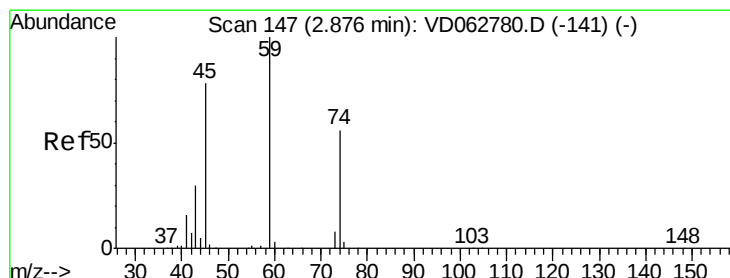
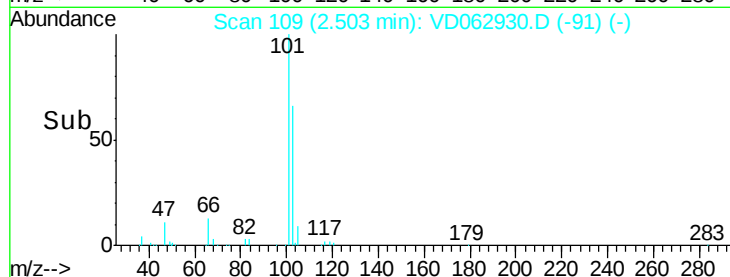
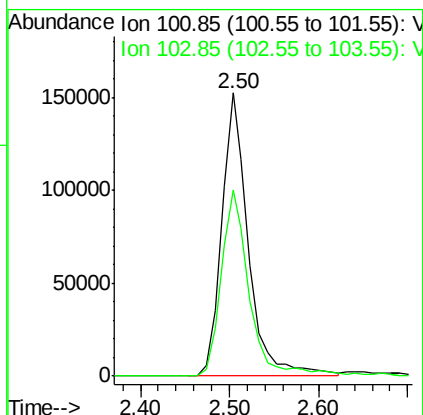
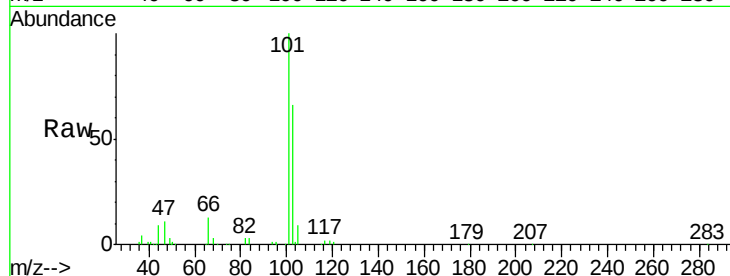


#7

Trichlorofluoromethane  
Concen: 18.213 ug/l  
RT: 2.50 min Scan# 109  
Delta R.T. -0.03 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD02

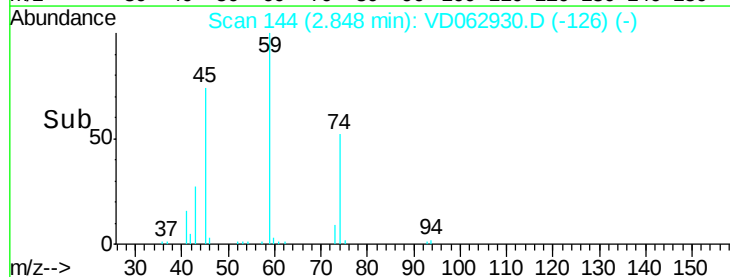
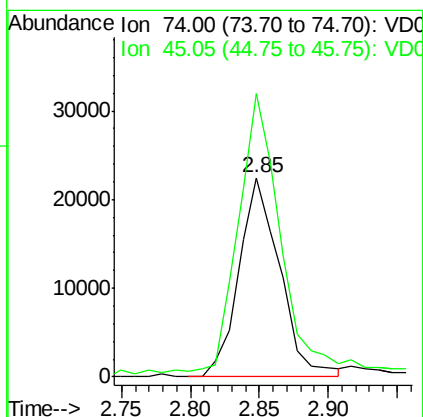
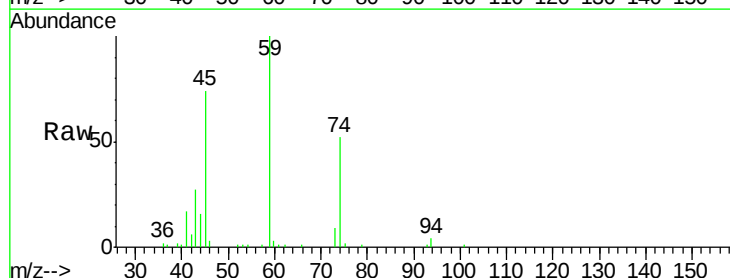
Tot Ion:101 Resp: 319794  
Ion Ratio Lower Upper  
101 100  
103 65.6 51.8 77.8

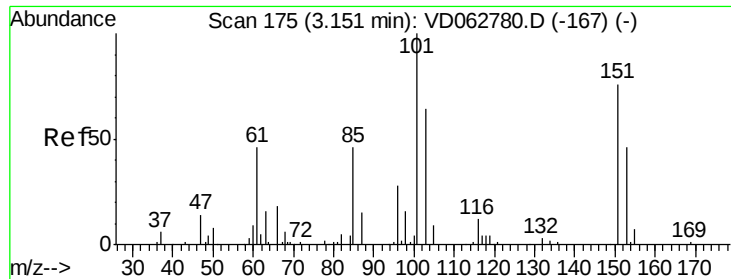


#8

Diethyl Ether  
Concen: 20.801 ug/l  
RT: 2.85 min Scan# 144  
Delta R.T. -0.03 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

Tgt Ion: 74 Resp: 46406  
Ion Ratio Lower Upper  
74 100  
45 142.1 70.2 210.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.935 ug/l

RT: 3.12 min Scan# 172

Delta R.T. -0.03 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBS02

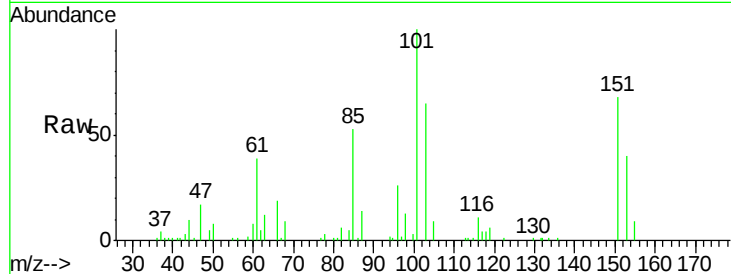
Tot Ion:101 Resp: 180119

Ion Ratio Lower Upper

101 100

85 52.7 37.0 55.4

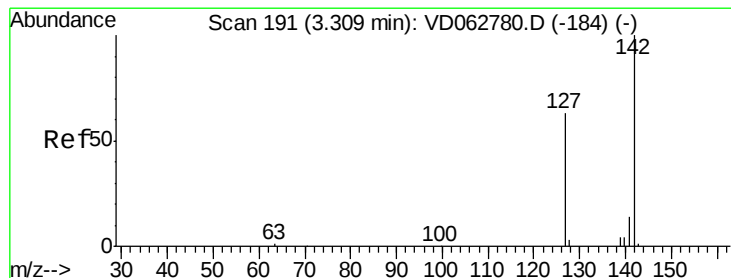
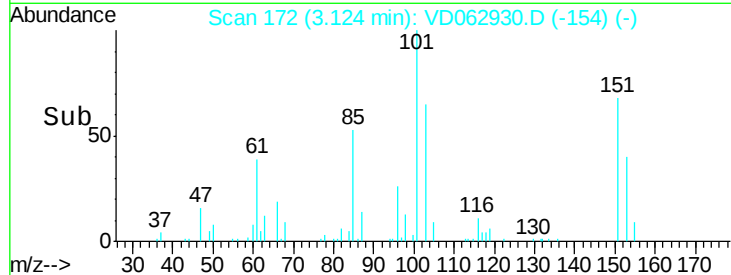
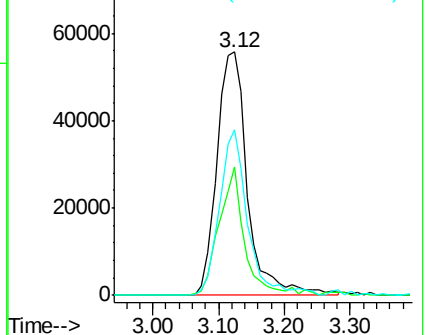
151 68.0 60.5 90.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 18.505 ug/l

RT: 3.27 min Scan# 187

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

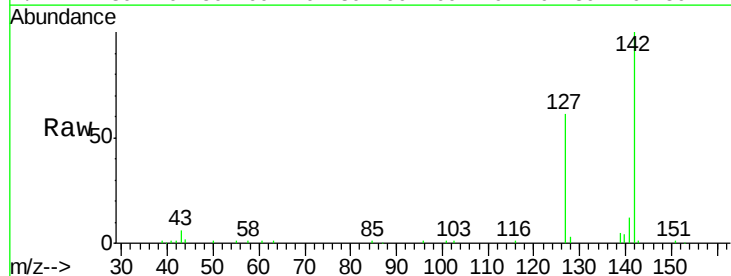
Tgt Ion:142 Resp: 232229

Ion Ratio Lower Upper

142 100

127 61.3 50.1 75.1

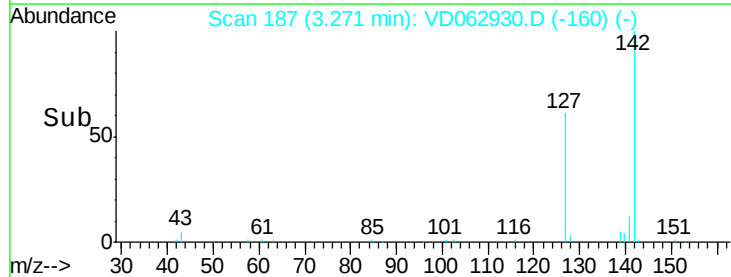
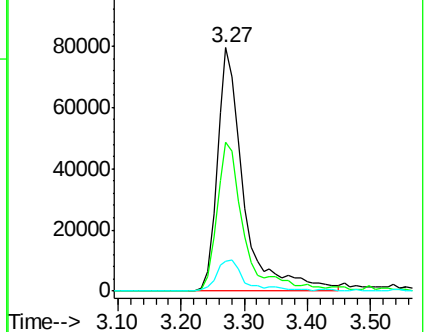
141 12.4 11.0 16.4

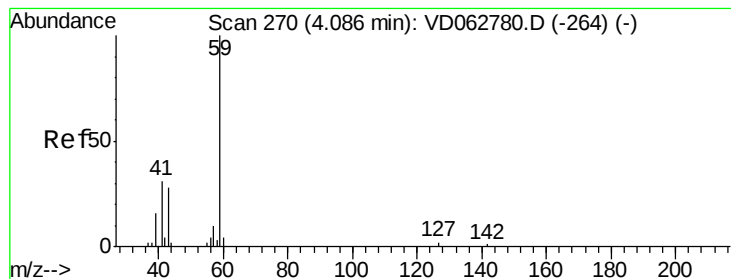


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 103.577 ug/l

RT: 4.06 min Scan# 267

Delta R.T. -0.03 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

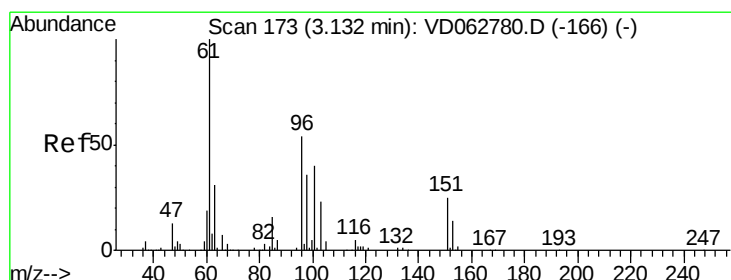
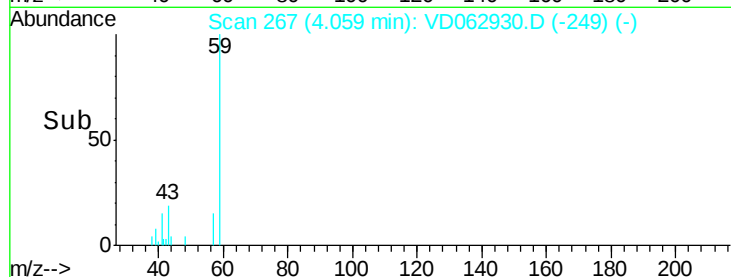
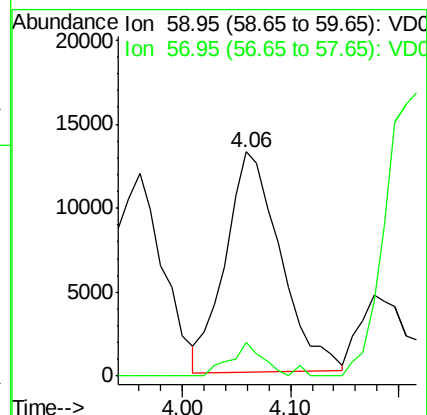
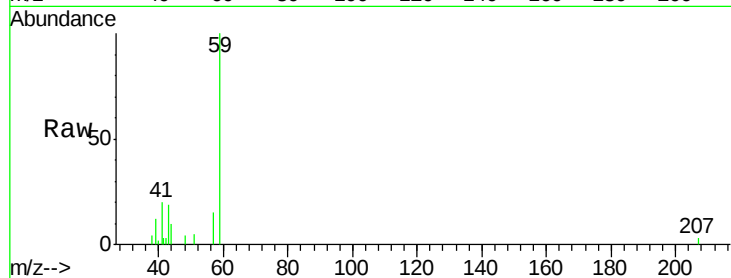
VD0627SBS02

Tot Ion: 59 Resp: 46106

Ion Ratio Lower Upper

59 100

57 15.0 6.6 10.0#



#12

1,1-Dichloroethene

Concen: 19.350 ug/l

RT: 3.09 min Scan# 169

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

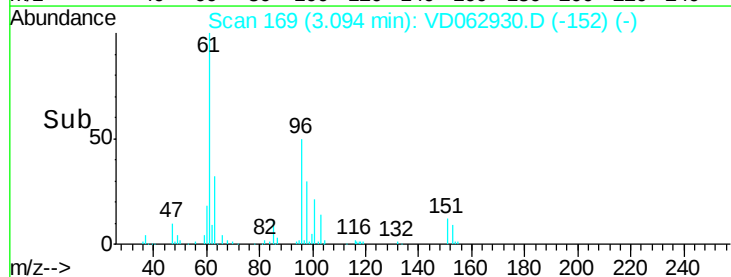
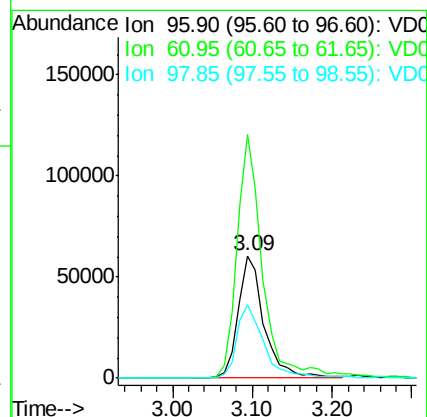
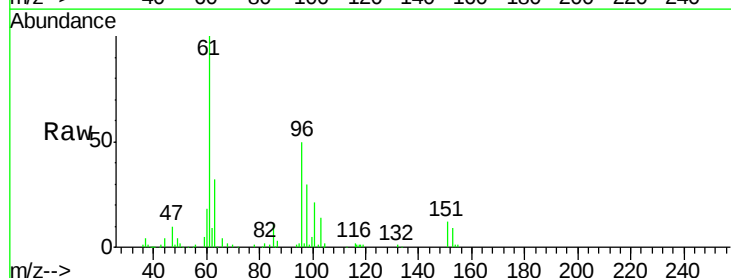
Tgt Ion: 96 Resp: 138082

Ion Ratio Lower Upper

96 100

61 199.2 147.1 220.7

98 59.8 52.6 79.0





#13

Acrolein

Concen: 56.257 ug/l

RT: 3.01 min Scan# 160

Delta R.T. -0.03 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

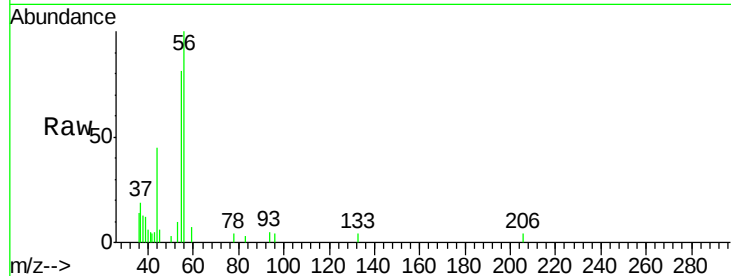
VD0627SBS02

Tot Ion: 56 Resp: 25565

Ion Ratio Lower Upper

56 100

55 80.6 55.4 83.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

12000

10000

8000

6000

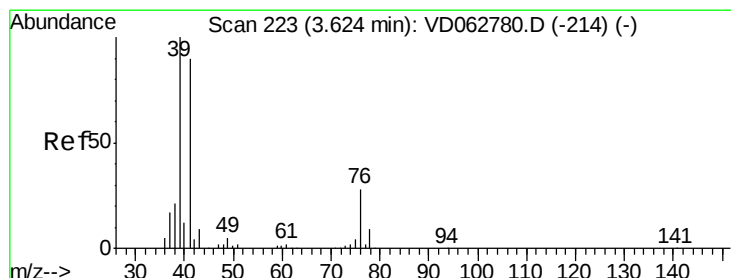
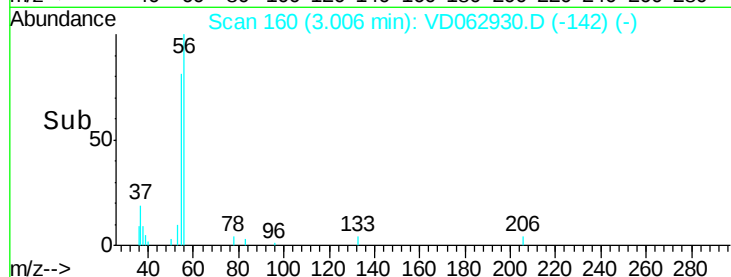
4000

2000

0

Time--> 2.90 2.95 3.00 3.05 3.10

3.01



#14

Allyl chloride

Concen: 21.501 ug/l

RT: 3.59 min Scan# 219

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

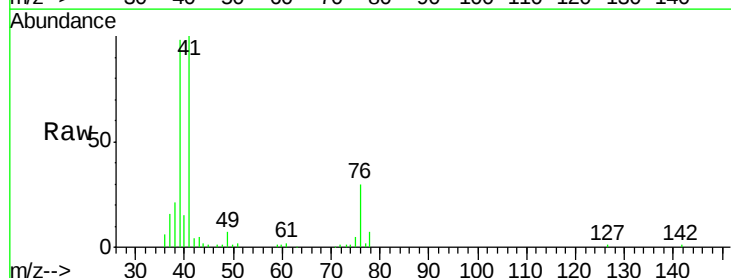
Tgt Ion: 41 Resp: 226714

Ion Ratio Lower Upper

41 100

39 97.5 88.8 133.2

76 30.3 26.7 40.1



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

120000

100000

80000

60000

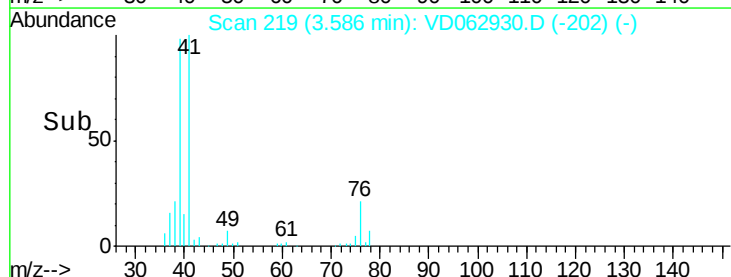
40000

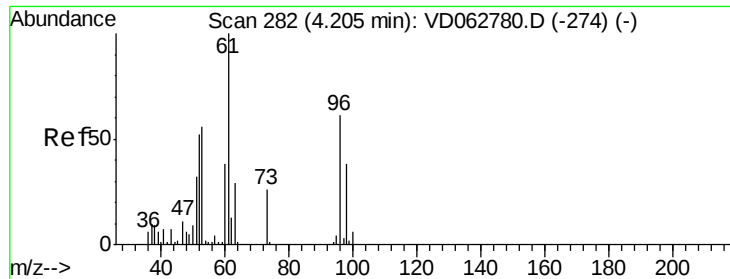
20000

0

Time--> 3.50 3.55 3.60 3.65 3.70

3.59





#15

Acrylonitrile

Concen: 113.834 ug/l

RT: 4.17 min Scan# 278

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD02

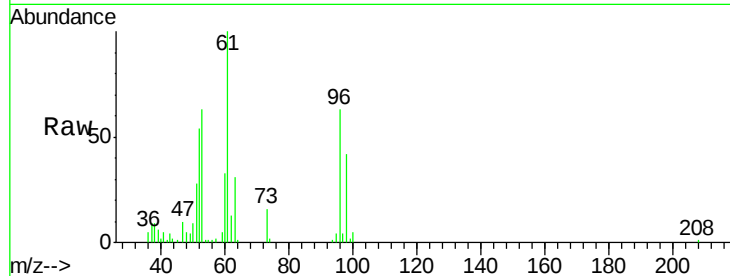
Tot Ion: 53 Resp: 119065

Ion Ratio Lower Upper

53 100

52 86.5 73.3 109.9

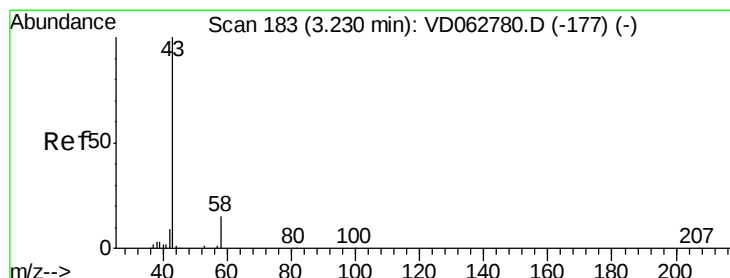
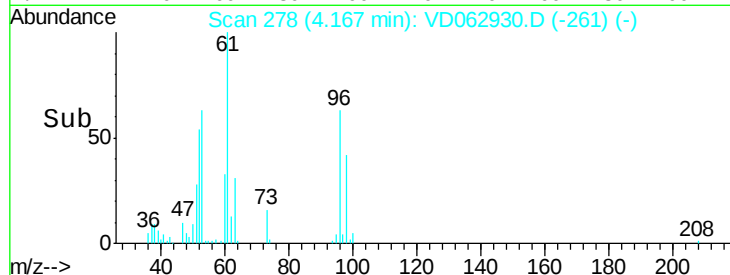
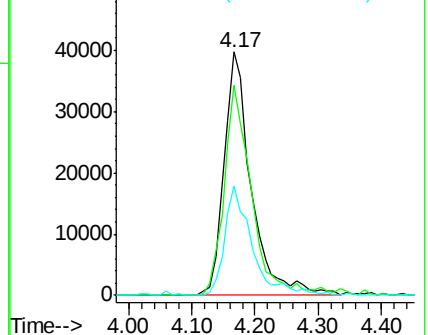
51 44.9 44.8 67.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 89.160 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062930.D

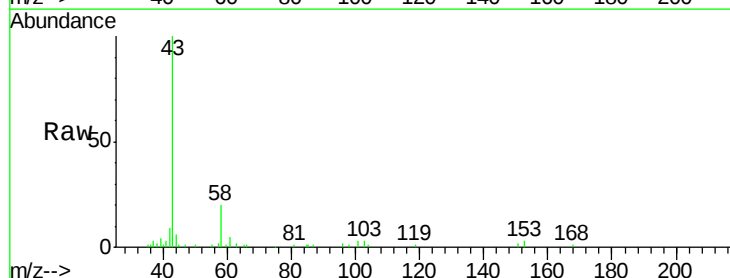
Acq: 27 Jun 2019 14:38

Tgt Ion: 43 Resp: 185636

Ion Ratio Lower Upper

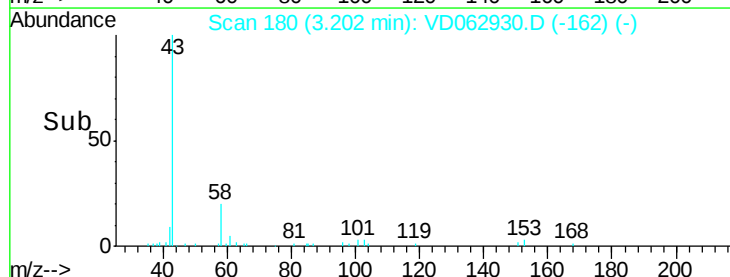
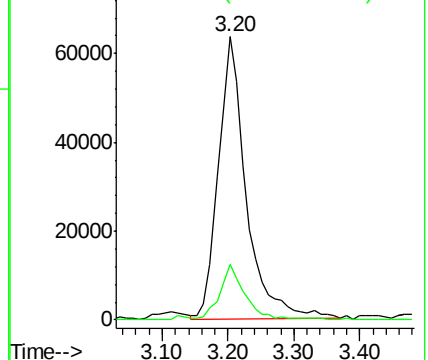
43 100

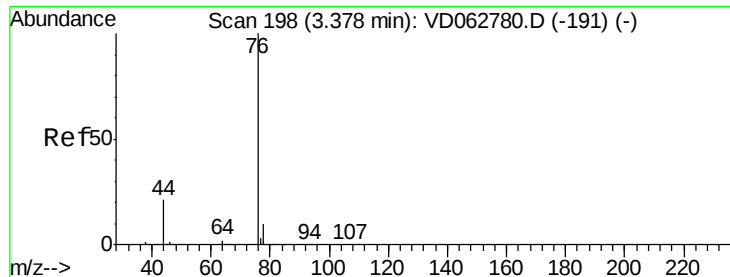
58 19.5 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

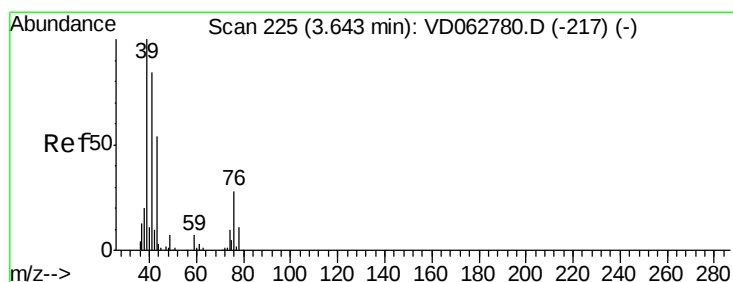
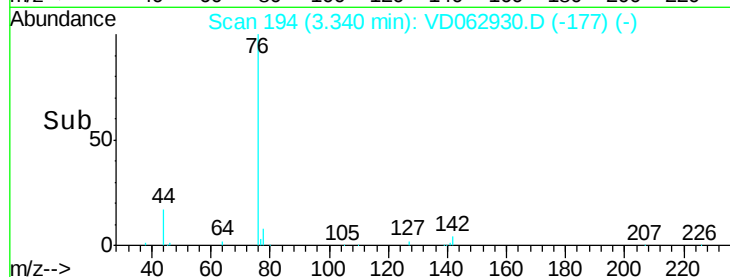
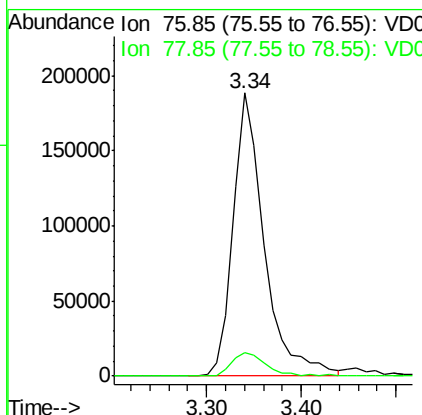
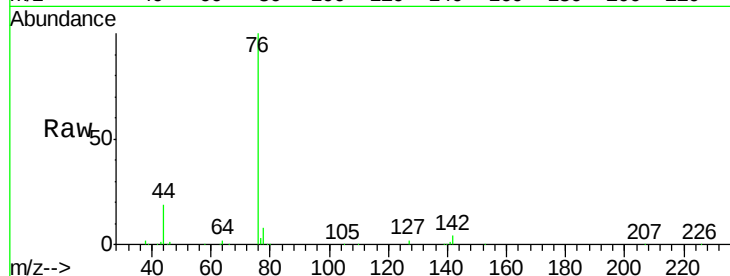




#17  
Carbon Disulfide  
Concen: 18.851 ug/l  
RT: 3.34 min Scan# 194  
Delta R.T. -0.04 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

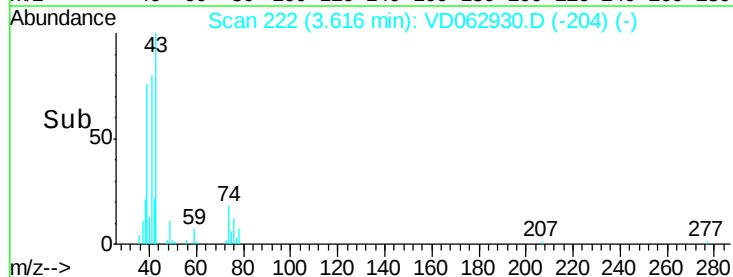
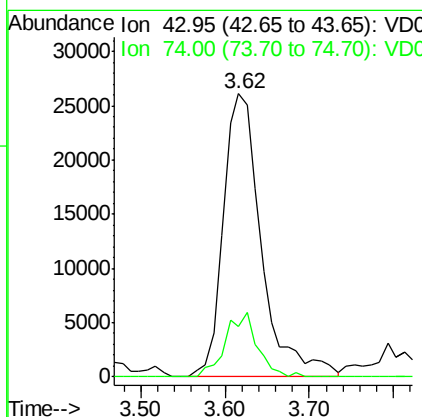
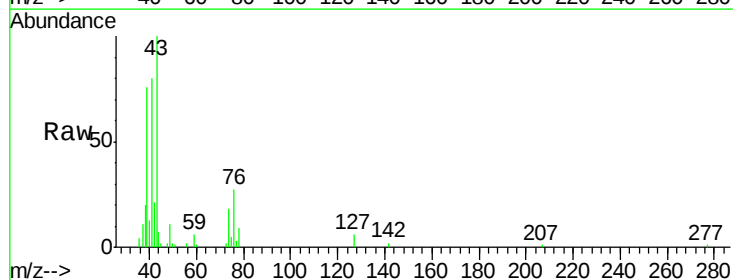
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD02

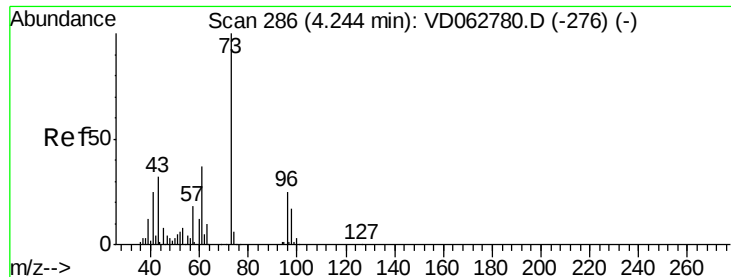
Tot Ion: 76 Resp: 429921  
Ion Ratio Lower Upper  
76 100  
78 8.5 8.0 12.0



#18  
Methyl Acetate  
Concen: 27.893 ug/l  
RT: 3.62 min Scan# 222  
Delta R.T. -0.03 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

Tgt Ion: 43 Resp: 82296  
Ion Ratio Lower Upper  
43 100  
74 17.7 15.2 22.8



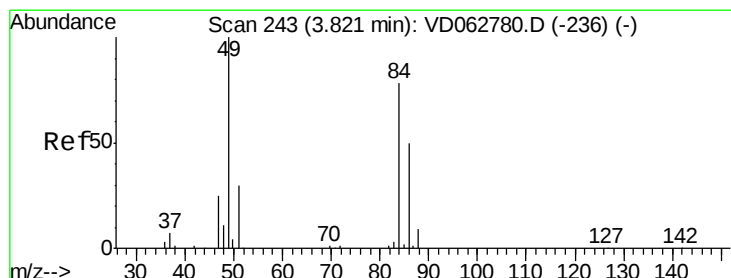
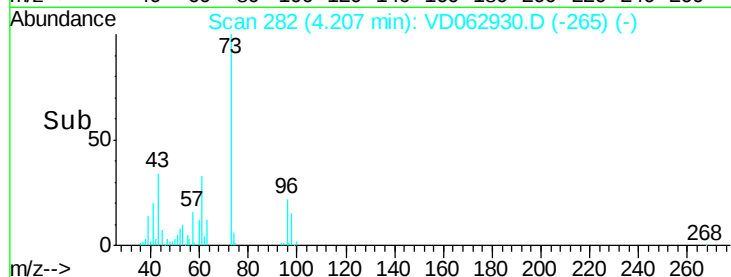
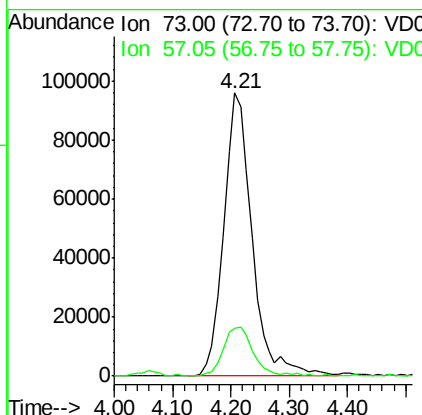
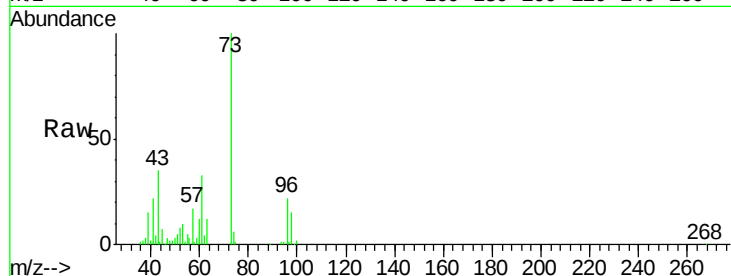


#19

Methyl tert-butyl Ether  
 Concen: 20.960 ug/l  
 RT: 4.21 min Scan# 282  
 Delta R.T. -0.04 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0627SBS02

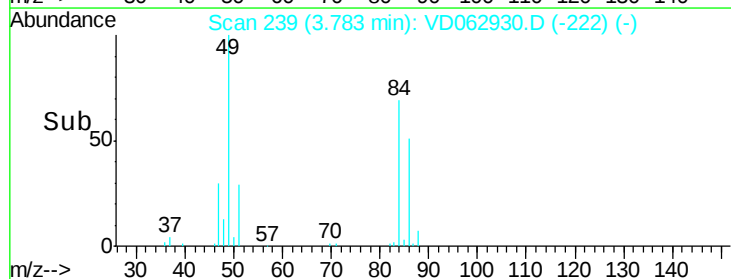
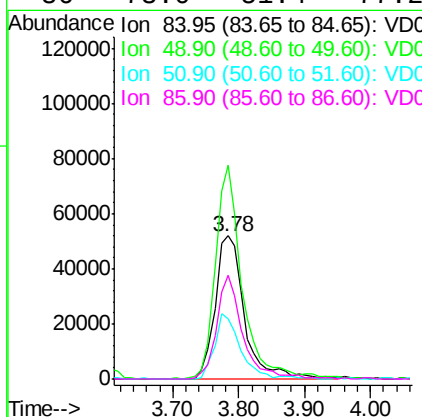
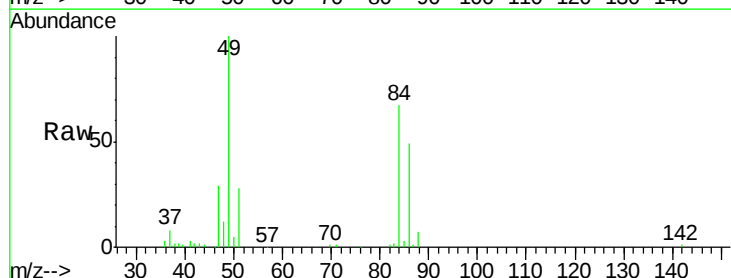
Tot Ion: 73 Resp: 323787  
 Ion Ratio Lower Upper  
 73 100  
 57 16.9 14.3 21.5



#20

Methylene Chloride  
 Concen: 21.482 ug/l  
 RT: 3.78 min Scan# 239  
 Delta R.T. -0.04 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

Tgt Ion: 84 Resp: 160125  
 Ion Ratio Lower Upper  
 84 100  
 49 149.6 102.9 154.3  
 51 42.0 31.2 46.8  
 86 73.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 21.269 ug/l

RT: 4.18 min Scan# 279

Delta R.T. -0.05 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD02

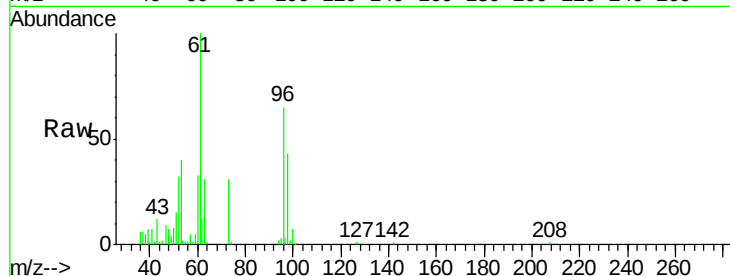
Tot Ion: 96 Resp: 161606

Ion Ratio Lower Upper

96 100

61 154.7 131.0 196.4

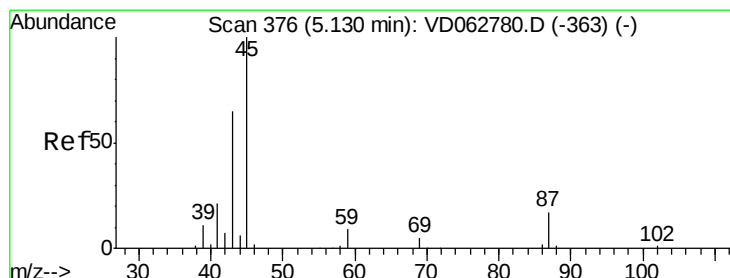
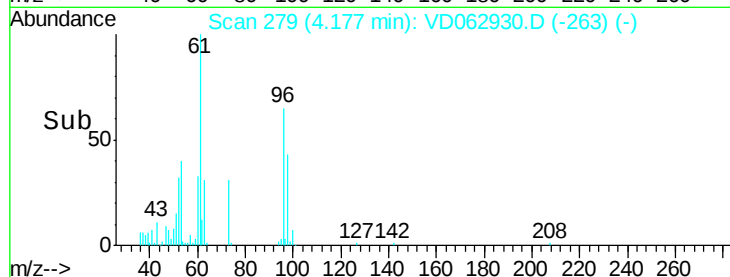
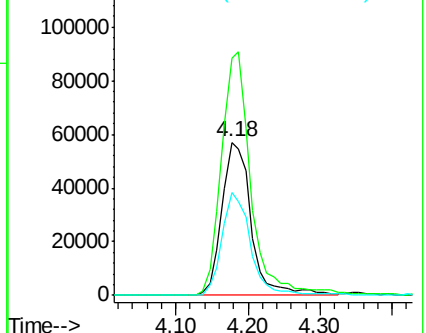
98 67.0 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 21.048 ug/l

RT: 5.08 min Scan# 371

Delta R.T. -0.05 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Tgt Ion: 45 Resp: 451327

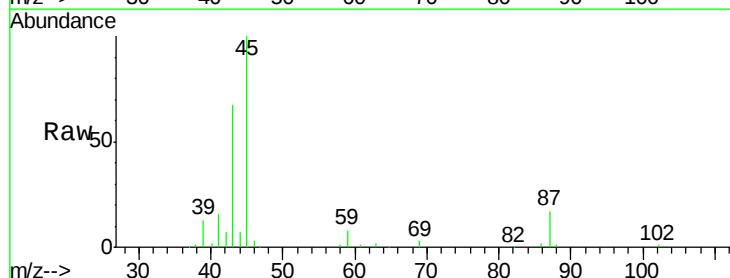
Ion Ratio Lower Upper

45 100

43 67.4 53.4 80.0

87 16.8 14.6 22.0

59 8.5 7.8 11.8

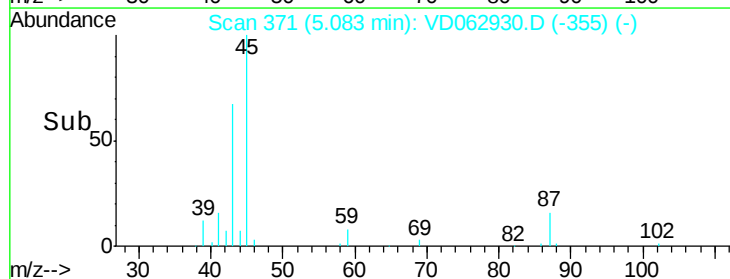
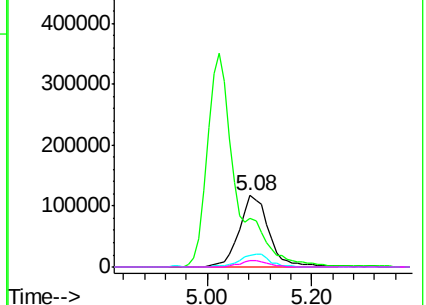


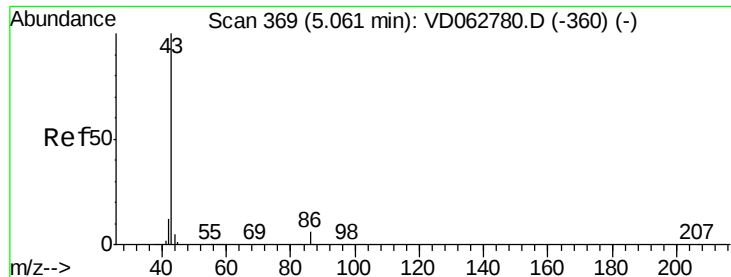
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 99.444 ug/l

RT: 5.02 min Scan# 365

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

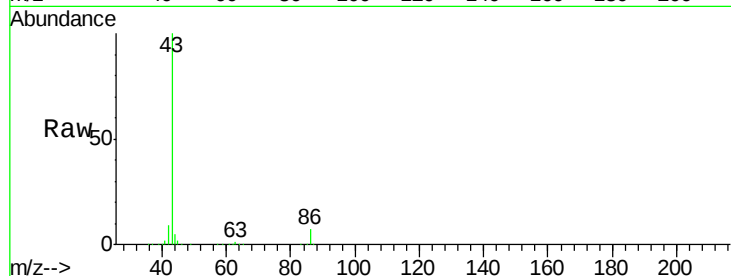
VD0627SBS02

Tot Ion: 43 Resp: 1334337

Ion Ratio Lower Upper

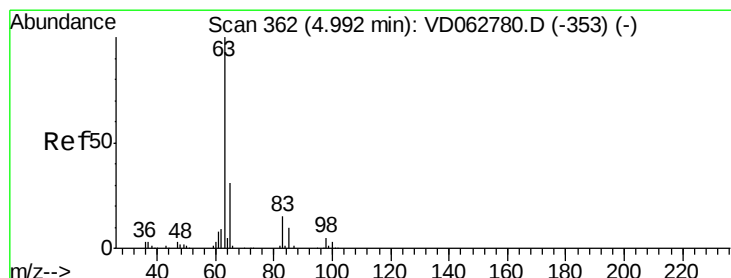
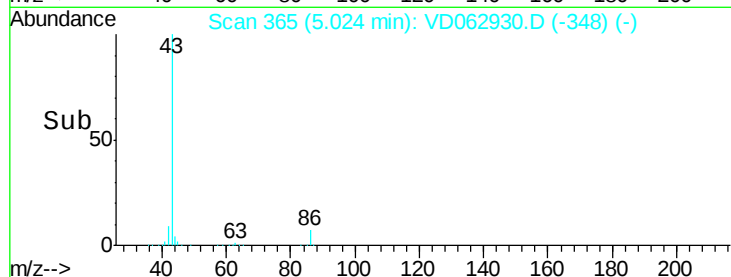
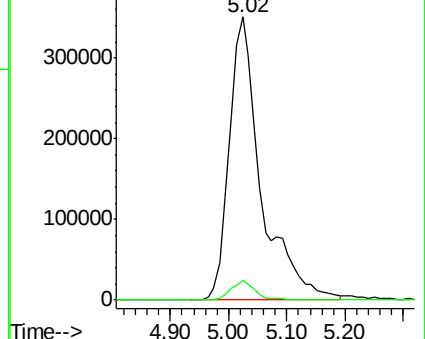
43 100

86 6.8 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.797 ug/l

RT: 4.94 min Scan# 357

Delta R.T. -0.05 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

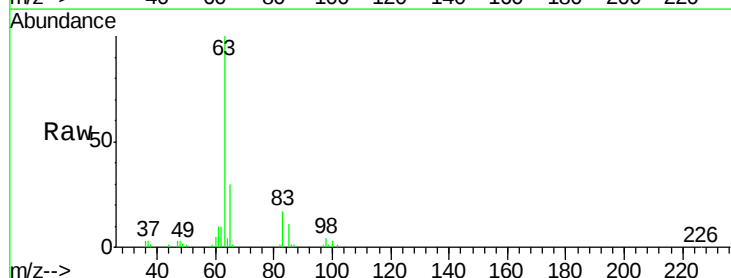
Tgt Ion: 63 Resp: 290349

Ion Ratio Lower Upper

63 100

98 5.2 2.3 6.9

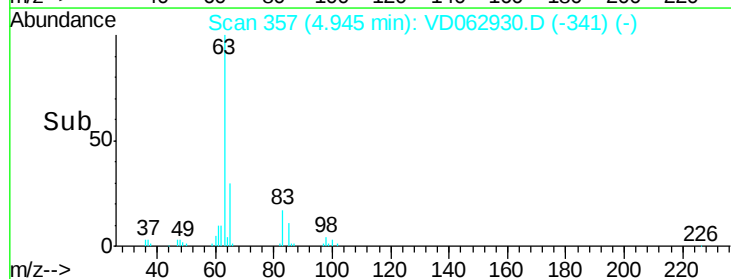
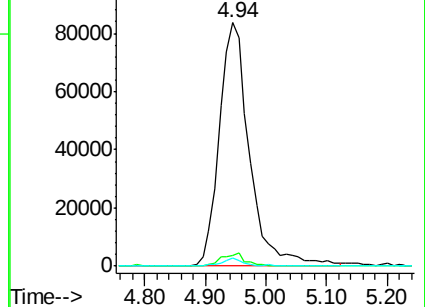
100 3.2 1.7 5.1

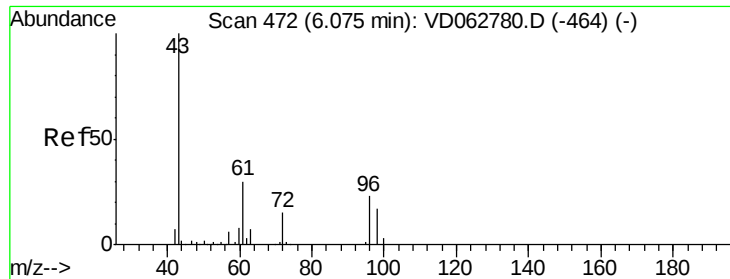


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 102.016 ug/l

RT: 6.04 min Scan# 468

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

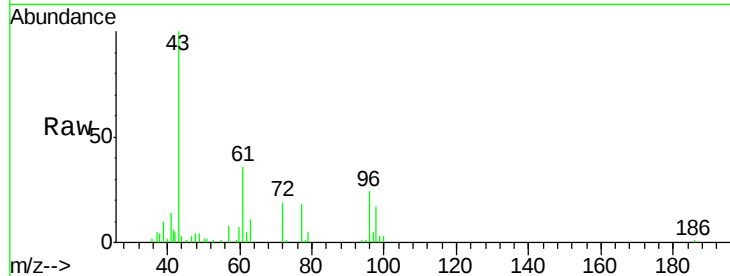
VD0627SBSD02

Tot Ion: 43 Resp: 186482

Ion Ratio Lower Upper

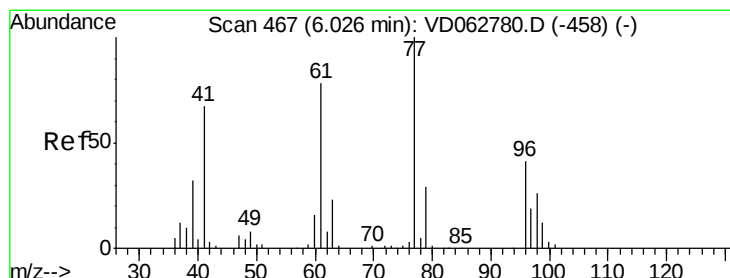
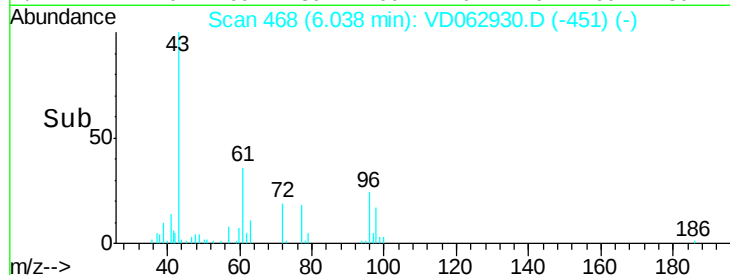
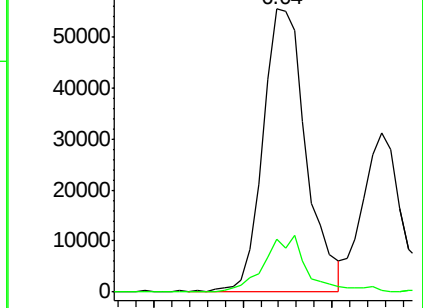
43 100

72 18.8 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.395 ug/l

RT: 5.99 min Scan# 463

Delta R.T. -0.04 min

Lab File: VD062930.D

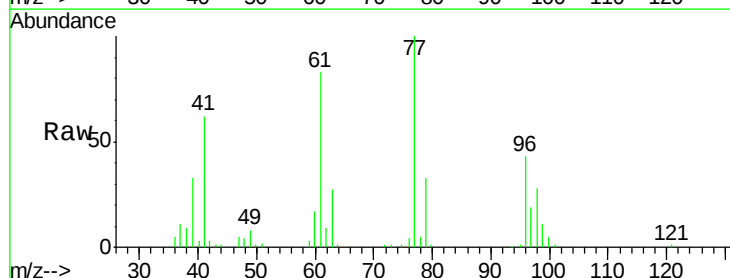
Acq: 27 Jun 2019 14:38

Tgt Ion: 77 Resp: 316604

Ion Ratio Lower Upper

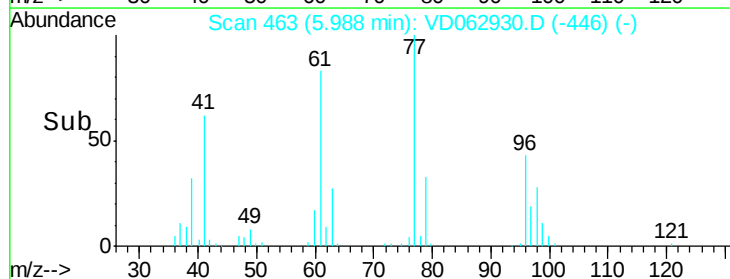
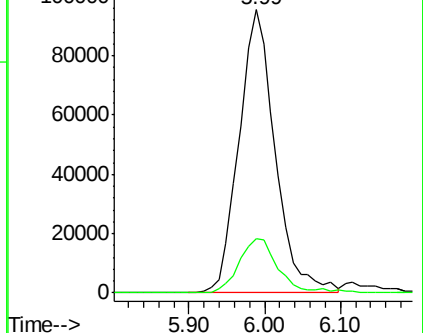
77 100

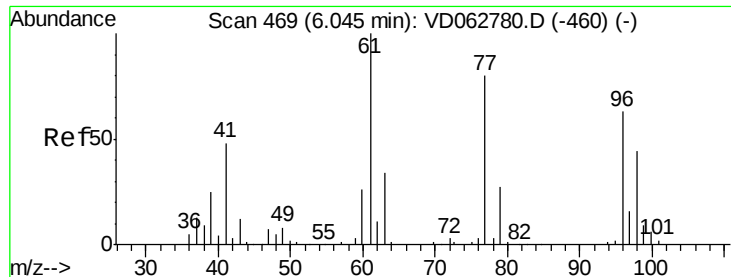
97 19.1 9.5 28.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



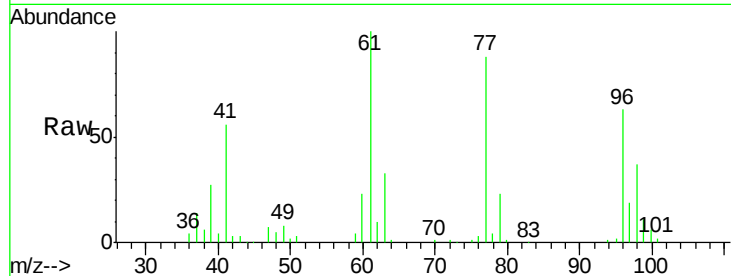


#27

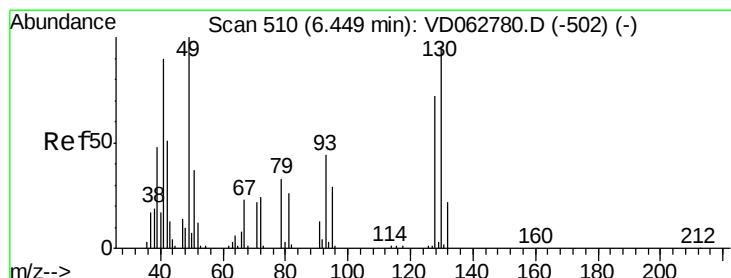
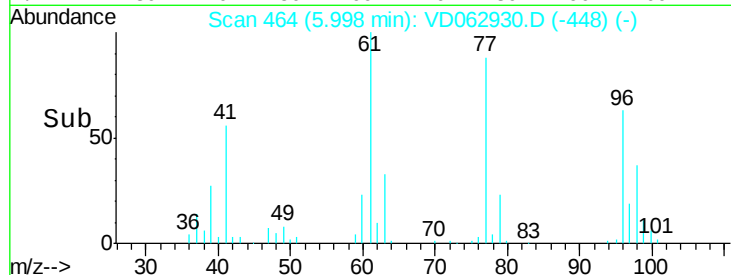
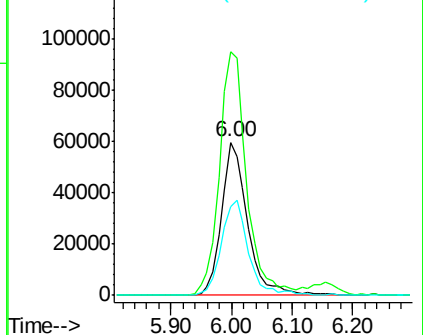
cis-1,2-Dichloroethene  
 Concen: 22.081 ug/l  
 RT: 6.00 min Scan# 464  
 Delta R.T. -0.05 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD02

Tot Ion: 96 Resp: 177424  
 Ion Ratio Lower Upper  
 96 100  
 61 159.4 0.0 316.0  
 98 58.5 0.0 138.4



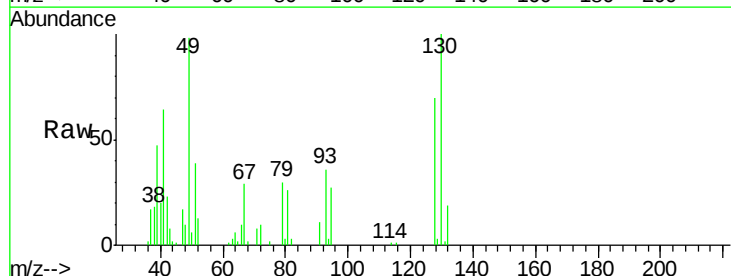
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC



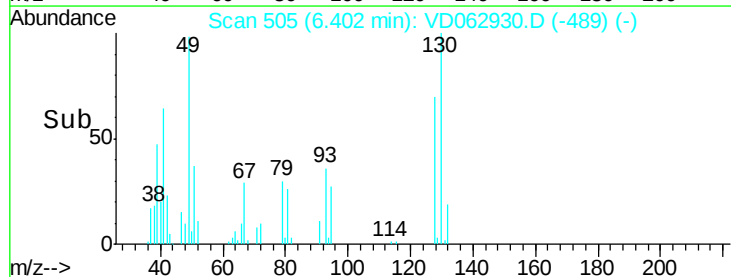
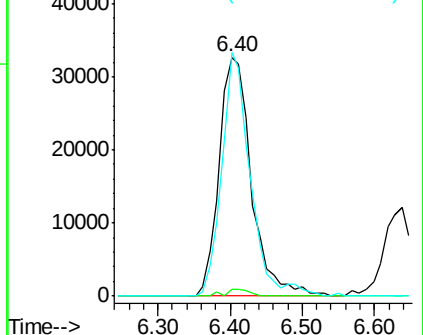
#28

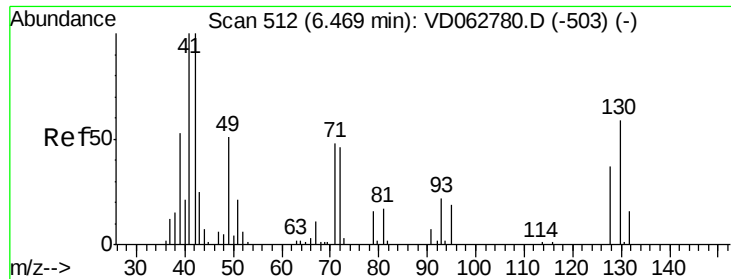
Bromochloromethane  
 Concen: 20.505 ug/l  
 RT: 6.40 min Scan# 505  
 Delta R.T. -0.05 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

Tgt Ion: 49 Resp: 100824  
 Ion Ratio Lower Upper  
 49 100  
 129 3.0 0.0 5.6  
 130 101.9 76.6 114.8



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: 101.919 ug/l

RT: 6.43 min Scan# 508

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBS02

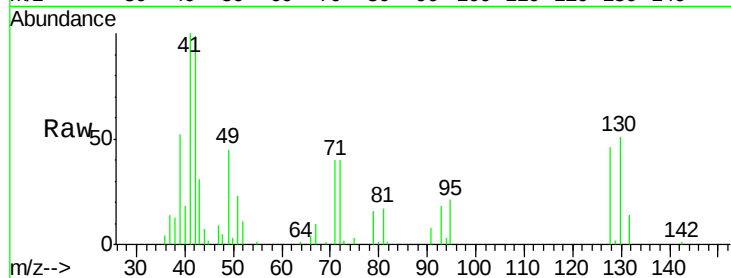
Tot Ion: 42 Resp: 88148

Ion Ratio Lower Upper

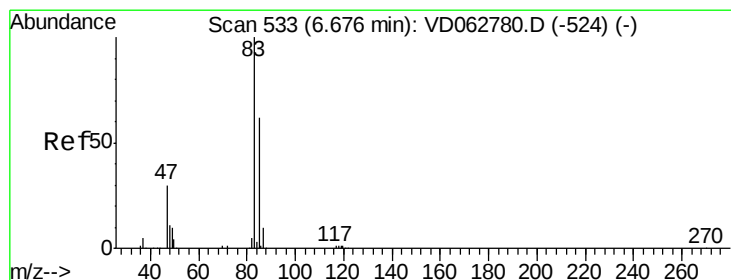
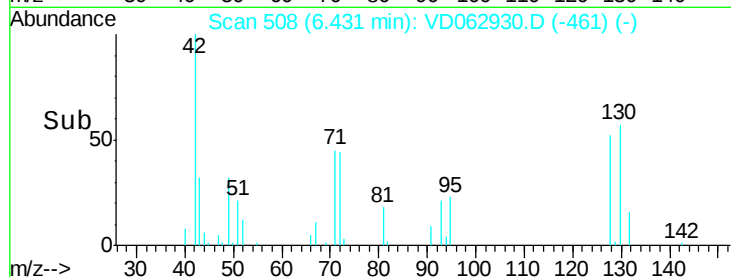
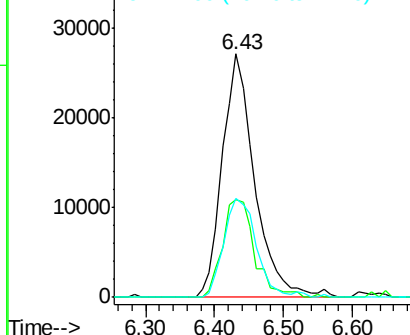
42 100

72 39.6 35.0 52.6

71 41.2 33.3 49.9



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



#30

Chloroform

Concen: 19.953 ug/l

RT: 6.63 min Scan# 528

Delta R.T. -0.05 min

Lab File: VD062930.D

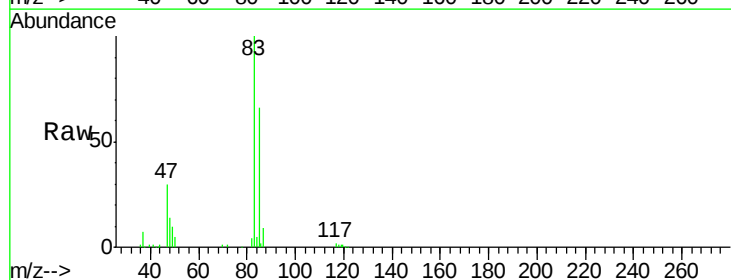
Acq: 27 Jun 2019 14:38

Tgt Ion: 83 Resp: 338780

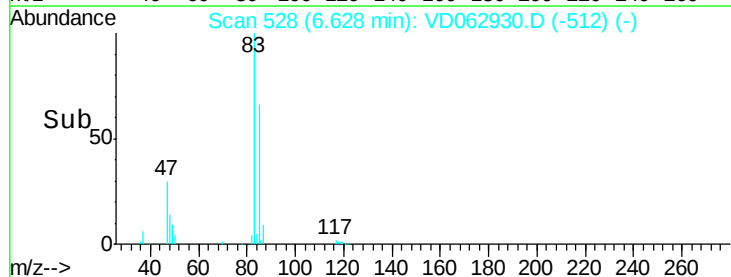
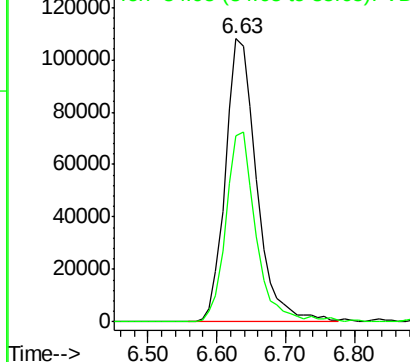
Ion Ratio Lower Upper

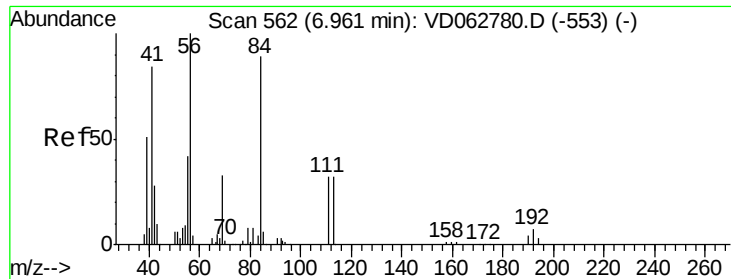
83 100

85 65.6 49.8 74.6



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





#31

Cyclohexane

Concen: 20.411 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBS02

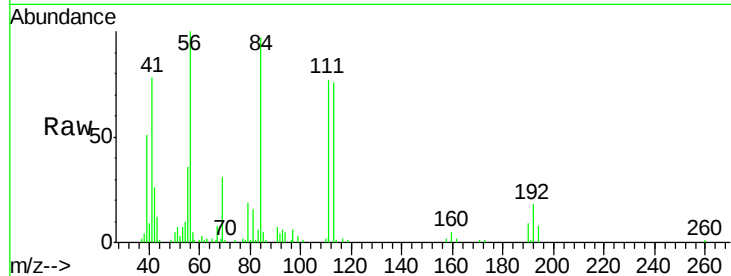
Tot Ion: 56 Resp: 187334

Ion Ratio Lower Upper

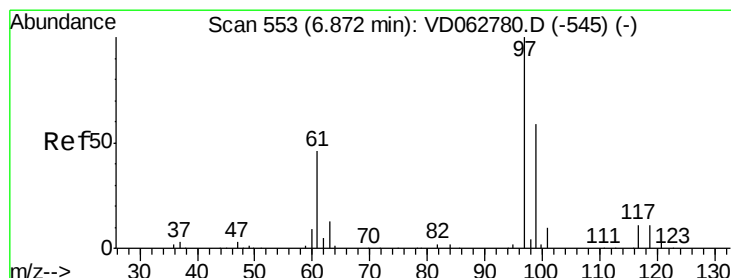
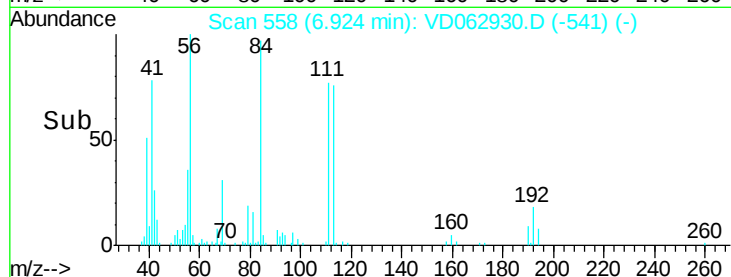
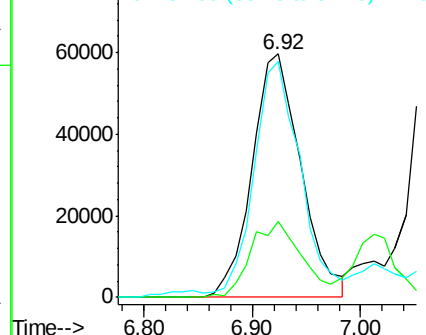
56 100

69 31.4 26.6 39.8

84 96.9 75.5 113.3



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



#32

1,1,1-Trichloroethane

Concen: 20.700 ug/l

RT: 6.84 min Scan# 549

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

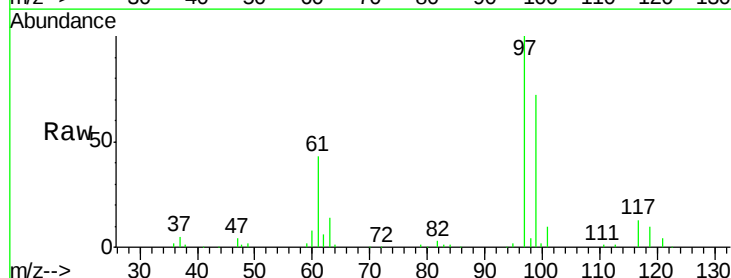
Tgt Ion: 97 Resp: 366084

Ion Ratio Lower Upper

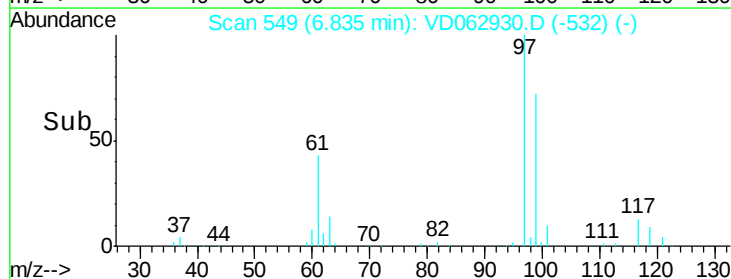
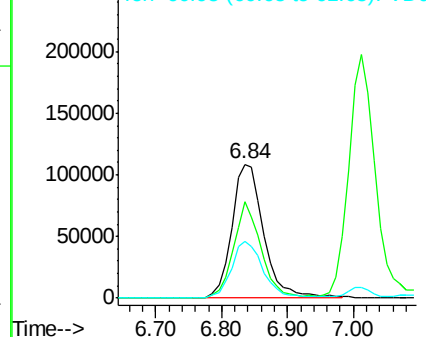
97 100

99 71.8 47.4 71.2#

61 42.6 37.2 55.8



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





#33

1,2-Dichloroethane-d4

Concen: 45.678 ug/l

RT: 7.43 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

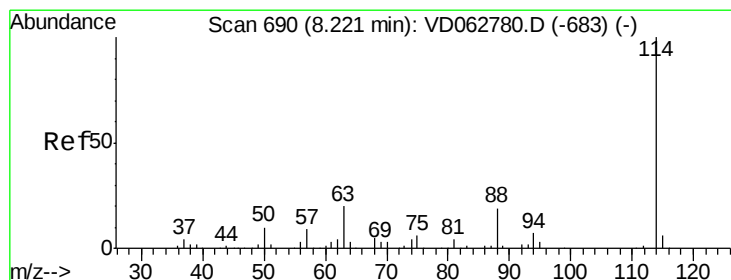
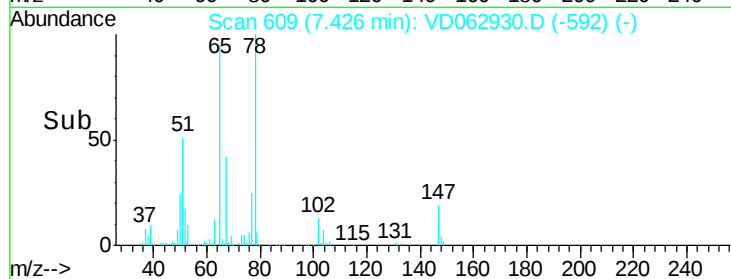
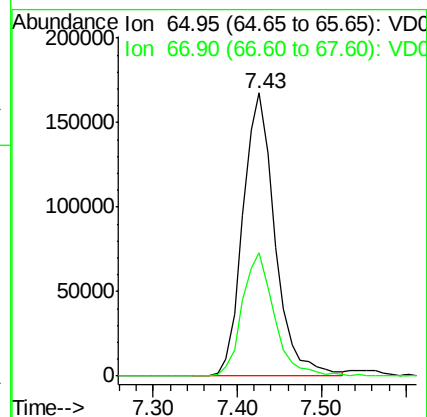
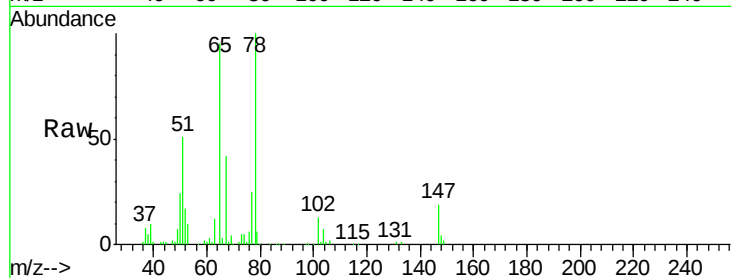
VD0627SBSD02

Tot Ion: 65 Resp: 446439

Ion Ratio Lower Upper

65 100

67 43.8 0.0 87.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

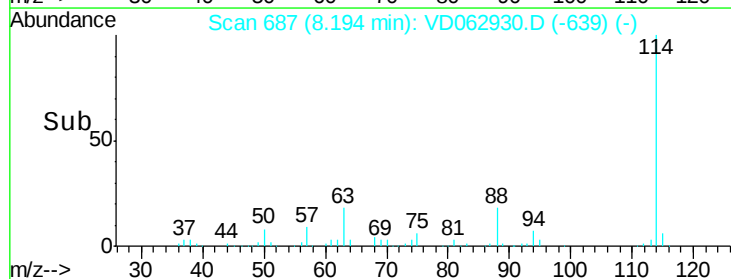
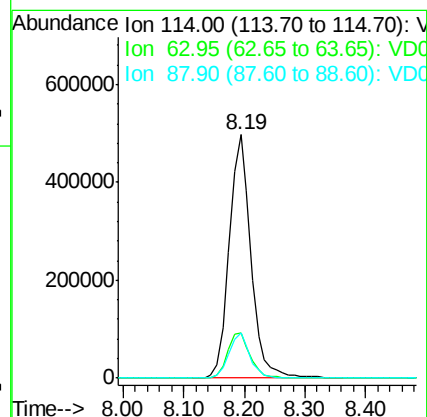
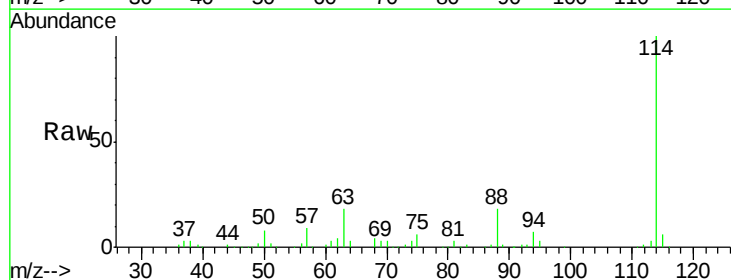
Tgt Ion: 114 Resp: 1239039

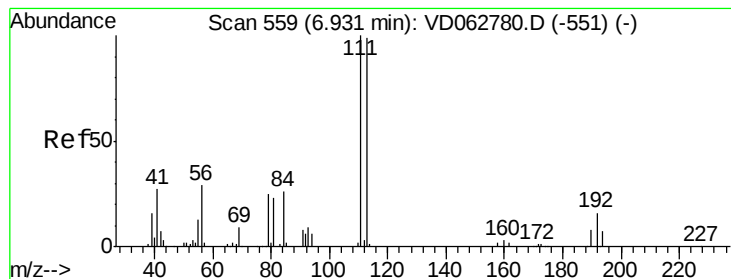
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

88 18.4 0.0 38.8





#35

Dibromofluoromethane

Concen: 46.125 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD02

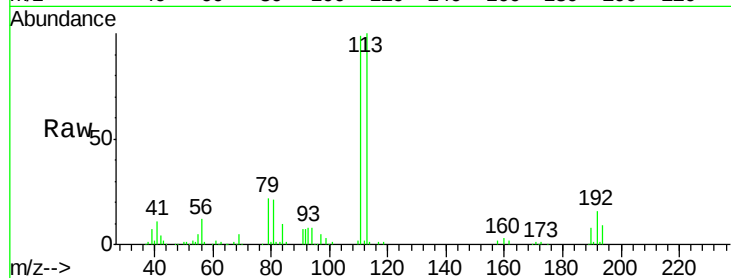
Tot Ion:113 Resp: 481890

Ion Ratio Lower Upper

113 100

111 99.0 81.2 121.8

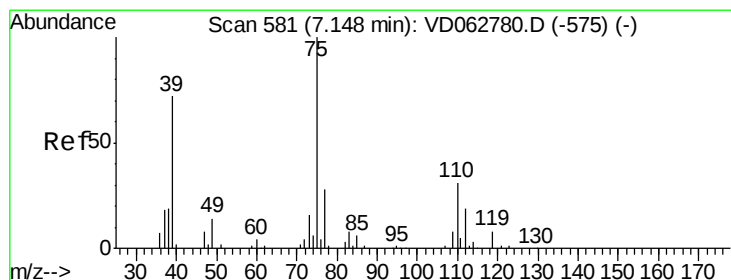
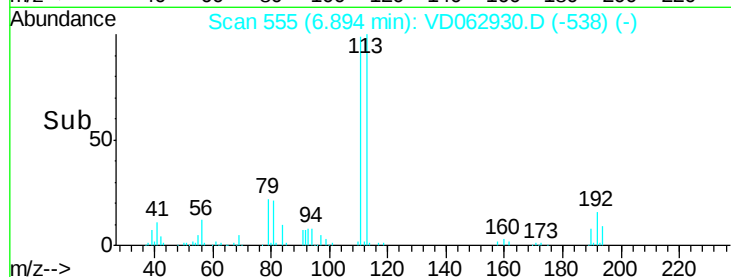
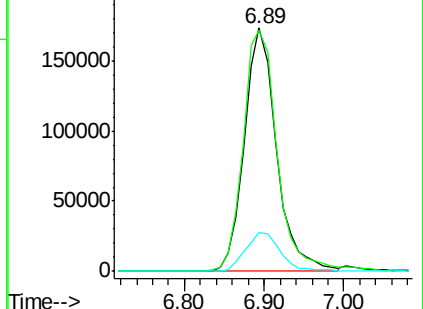
192 16.1 12.9 19.3



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 20.910 ug/l

RT: 7.11 min Scan# 577

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

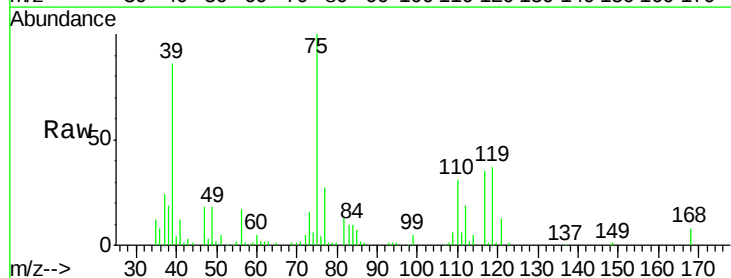
Tgt Ion: 75 Resp: 245255

Ion Ratio Lower Upper

75 100

110 31.0 15.0 45.1

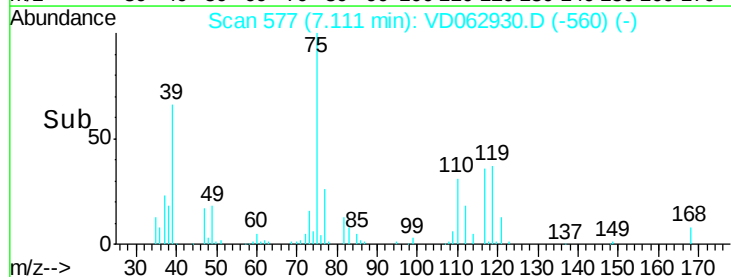
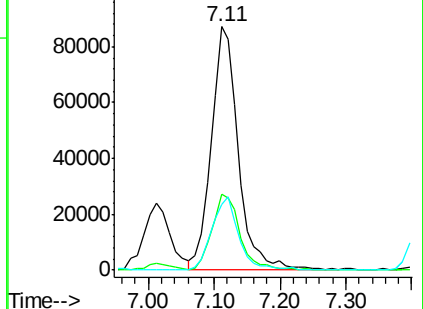
77 26.9 22.2 33.2

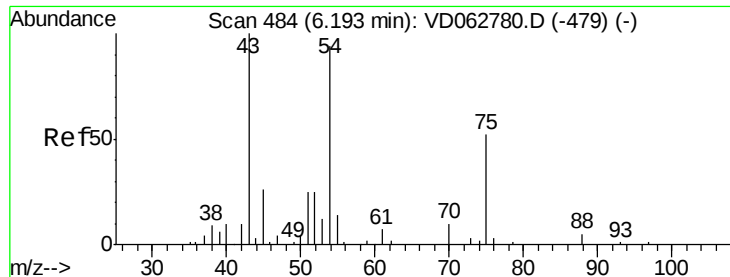


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC





#37

Ethyl Acetate

Concen: 20.032 ug/l

RT: 6.16 min Scan# 480

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleID :

VD0627SBS02

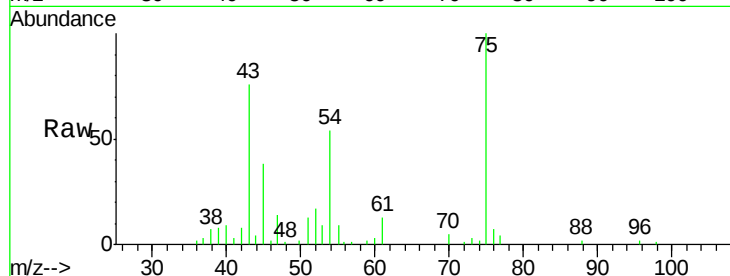
Tot Ion: 43 Resp: 101953

Ion Ratio Lower Upper

43 100

61 17.2 11.6 17.4

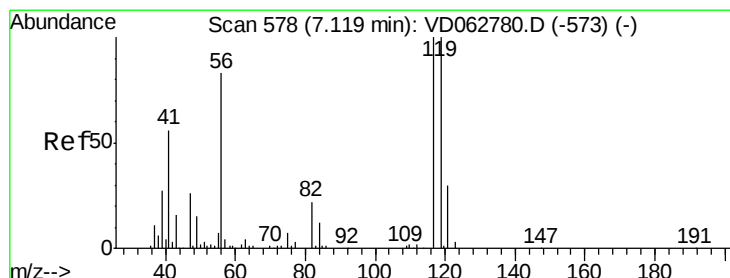
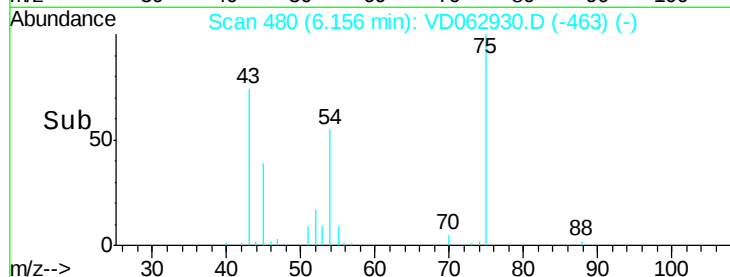
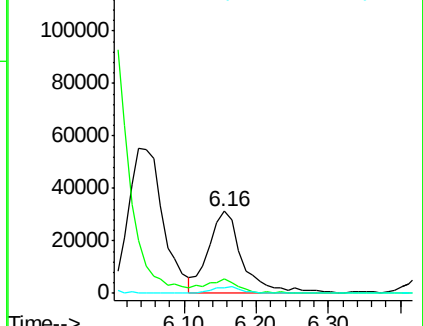
70 6.3 6.4 9.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 18.505 ug/l

RT: 7.08 min Scan# 574

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

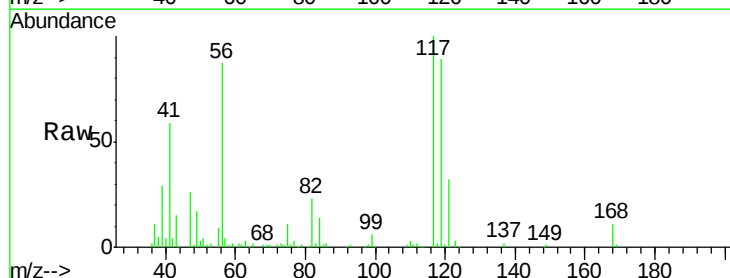
Tgt Ion: 117 Resp: 326440

Ion Ratio Lower Upper

117 100

119 88.5 75.4 113.2

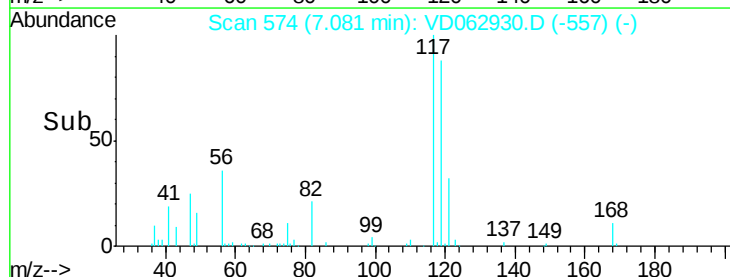
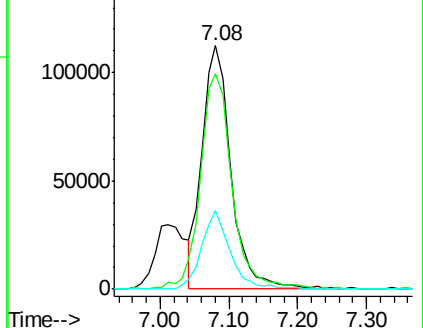
121 32.2 22.3 33.5



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: 18.768 ug/l

RT: 8.83 min Scan# 752

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBS02

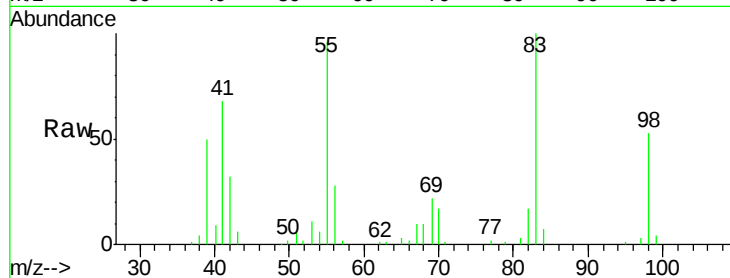
Tot Ion: 83 Resp: 193775

Ion Ratio Lower Upper

83 100

55 96.3 76.6 115.0

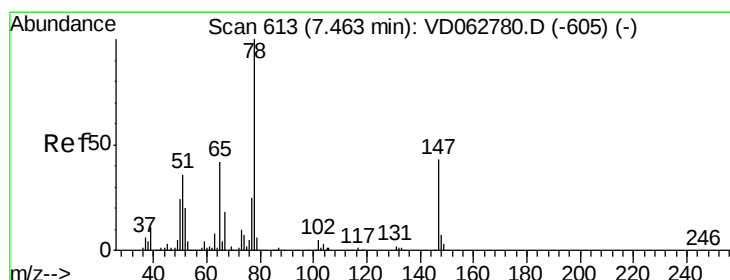
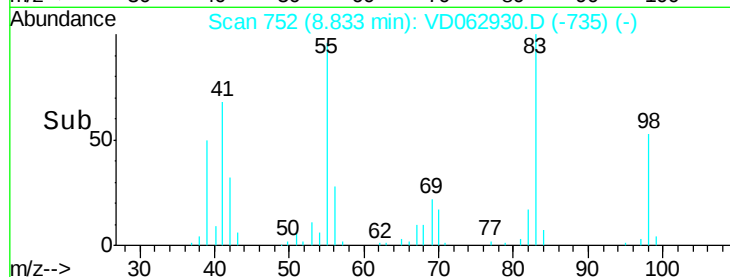
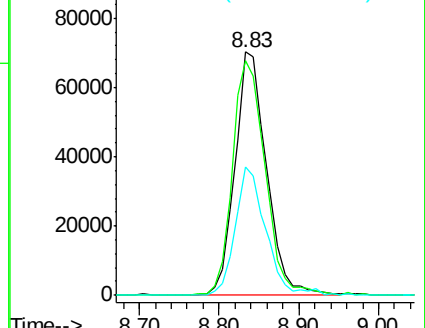
98 52.6 35.7 53.5



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 19.838 ug/l

RT: 7.43 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062930.D

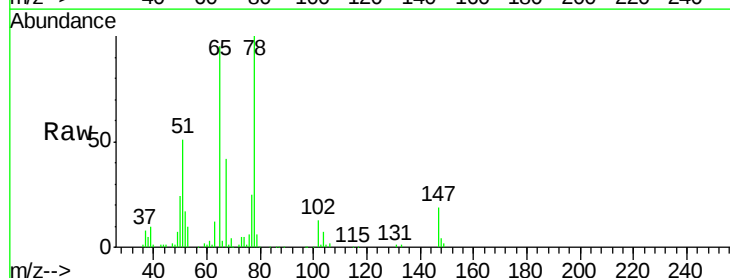
Acq: 27 Jun 2019 14:38

Tgt Ion: 78 Resp: 467068

Ion Ratio Lower Upper

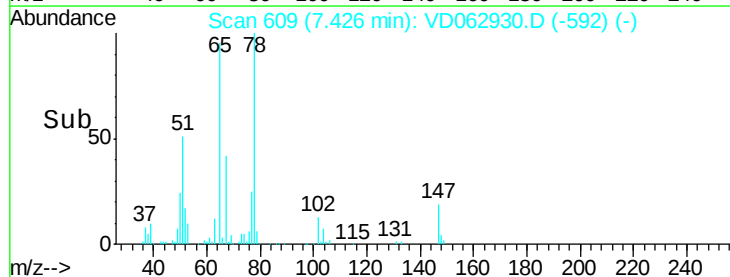
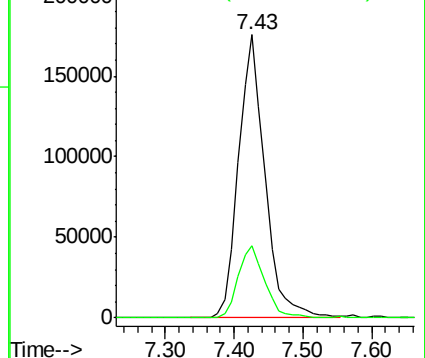
78 100

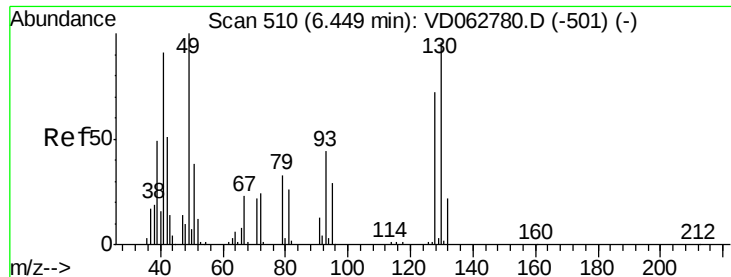
77 25.4 20.2 30.2



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 18.813 ug/l

RT: 6.43 min Scan# 508

Delta R.T. -0.02 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD02

Tot Ion: 41 Resp: 116368

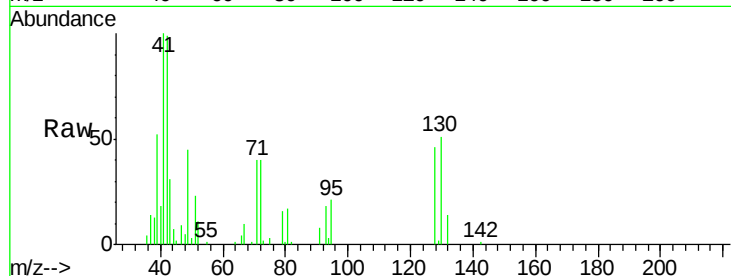
Ion Ratio Lower Upper

41 100

39 51.5 43.2 64.8

67 10.1 19.9 29.9#

52 11.1 10.2 15.4

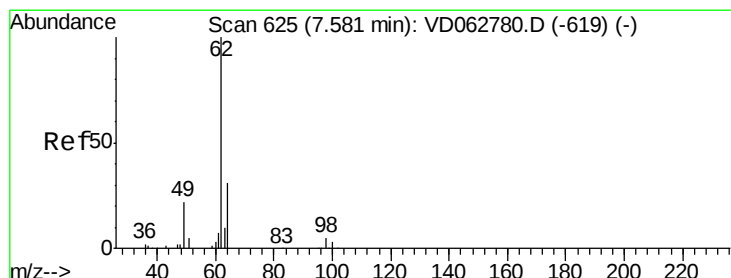
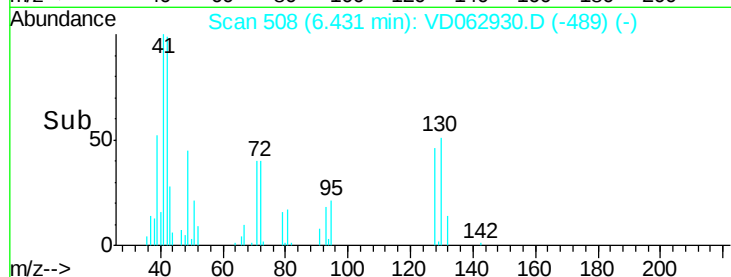
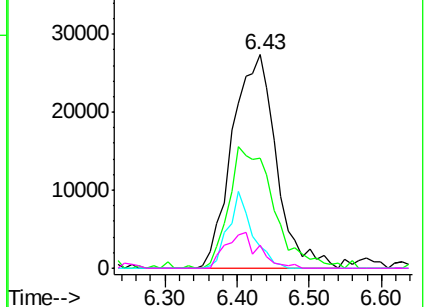


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 18.773 ug/l

RT: 7.55 min Scan# 622

Delta R.T. -0.03 min

Lab File: VD062930.D

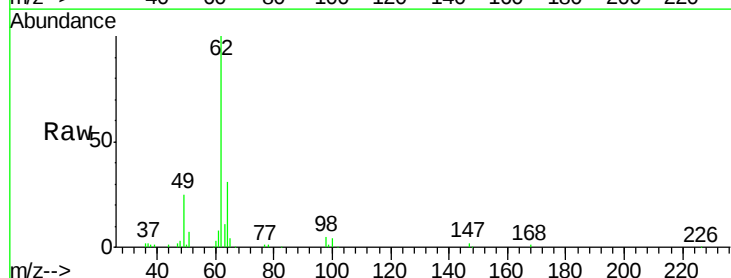
Acq: 27 Jun 2019 14:38

Tgt Ion: 62 Resp: 241114

Ion Ratio Lower Upper

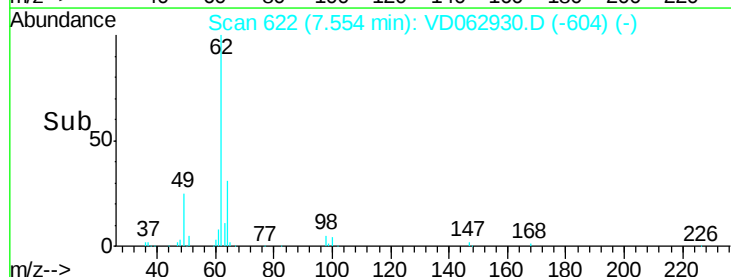
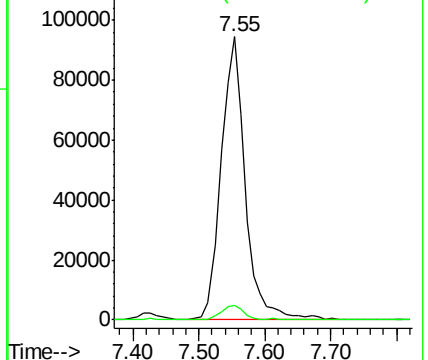
62 100

98 5.3 0.0 10.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 21.279 ug/l

RT: 9.22 min Scan# 791

Delta R.T. -0.03 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBS02

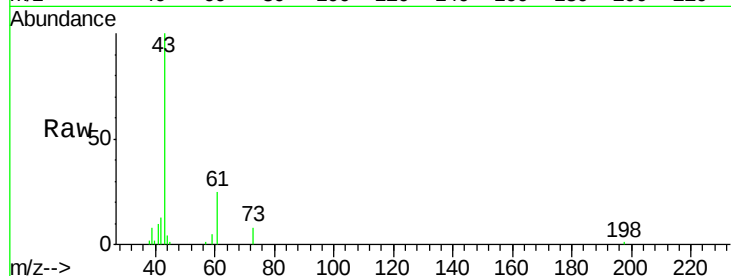
Tot Ion: 43 Resp: 130851

Ion Ratio Lower Upper

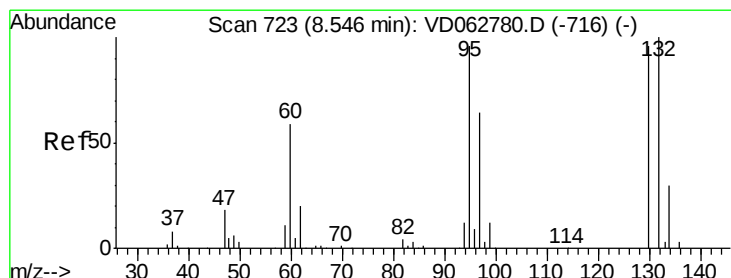
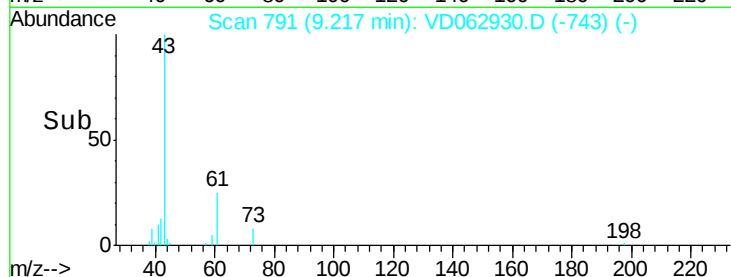
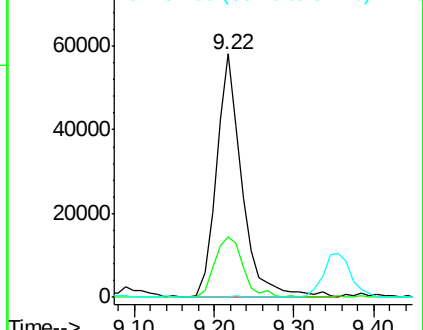
43 100

61 24.8 22.4 33.6

87 0.0 0.3 0.5#



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



#44

Trichloroethene

Concen: 19.811 ug/l

RT: 8.52 min Scan# 720

Delta R.T. -0.03 min

Lab File: VD062930.D

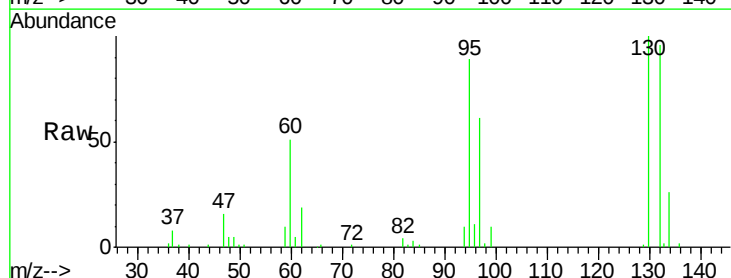
Acq: 27 Jun 2019 14:38

Tgt Ion:130 Resp: 182867

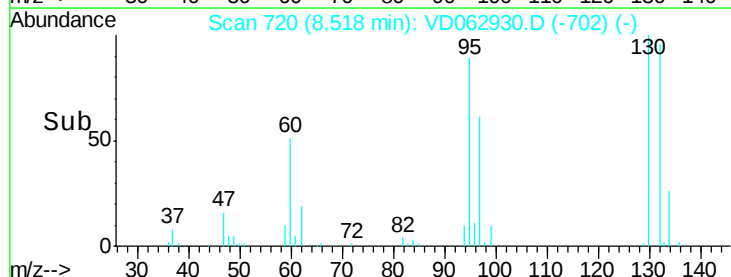
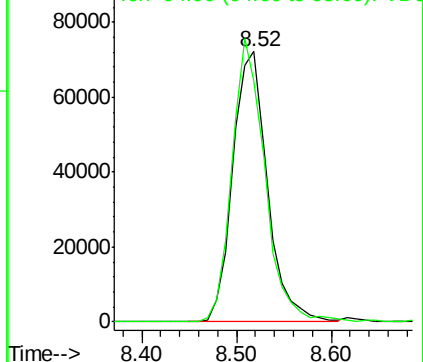
Ion Ratio Lower Upper

130 100

95 89.3 0.0 201.6



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





#45

1,2-Dichloropropane

Concen: 20.327 ug/l

RT: 8.91 min Scan# 760

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

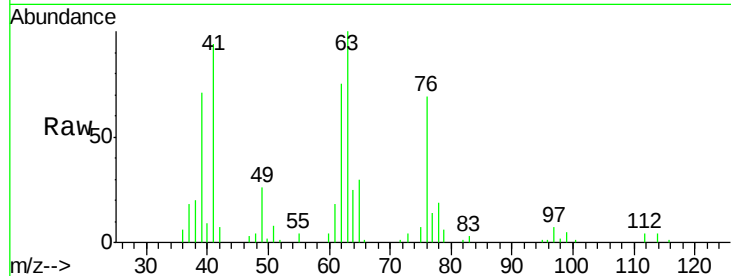
VD0627SBSD02

Tot Ion: 63 Resp: 119000

Ion Ratio Lower Upper

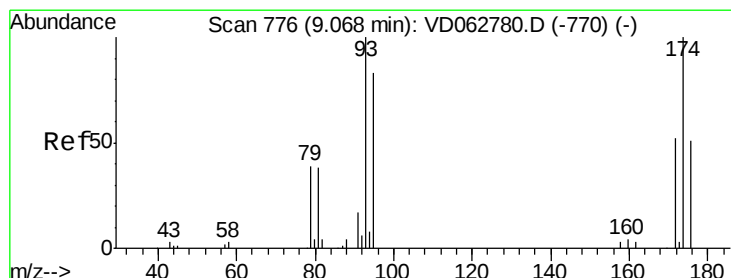
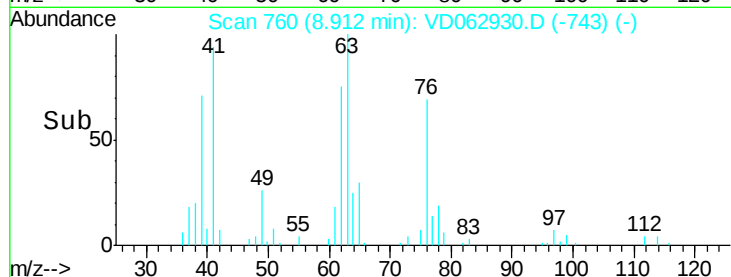
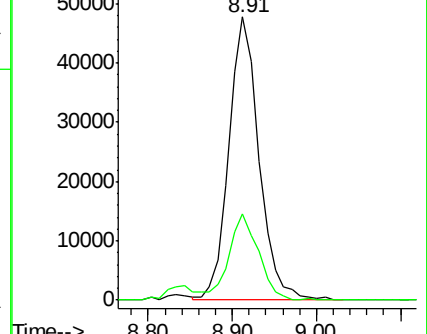
63 100

65 30.5 24.2 36.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 20.110 ug/l

RT: 9.04 min Scan# 773

Delta R.T. -0.03 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

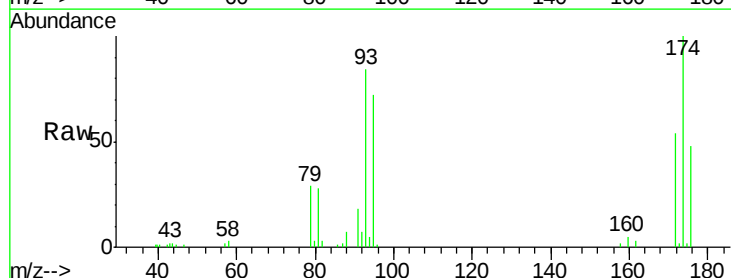
Tgt Ion: 93 Resp: 101136

Ion Ratio Lower Upper

93 100

95 86.2 66.6 100.0

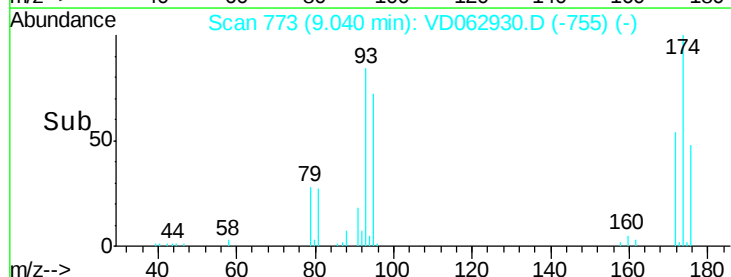
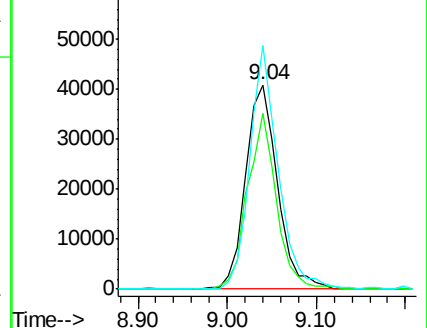
174 119.1 79.7 119.5



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 19.977 ug/l

RT: 9.35 min Scan# 804

Delta R.T. -0.04 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD02

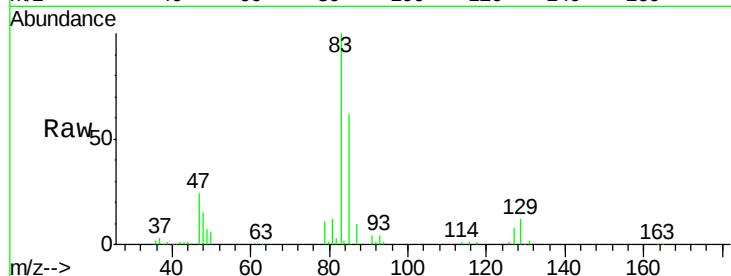
Tot Ion: 83 Resp: 260920

Ion Ratio Lower Upper

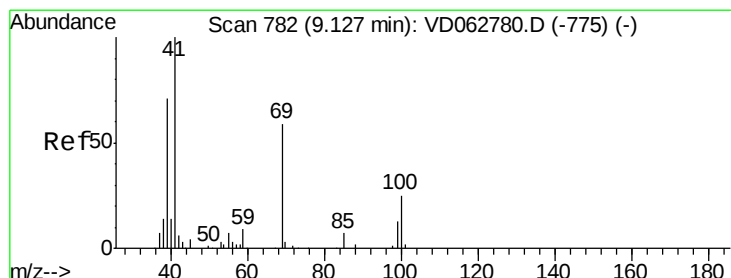
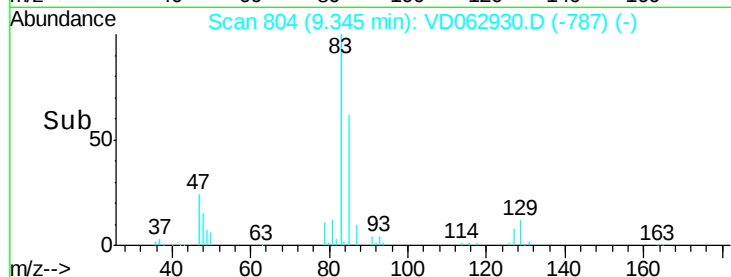
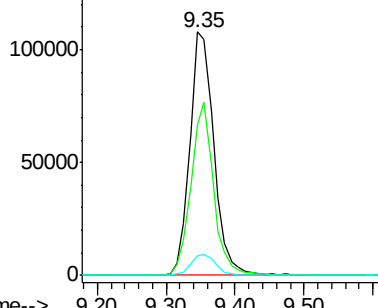
83 100

85 61.5 51.6 77.4

127 8.0 7.8 11.6



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



#48

Methyl methacrylate

Concen: 20.150 ug/l

RT: 9.10 min Scan# 779

Delta R.T. -0.03 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

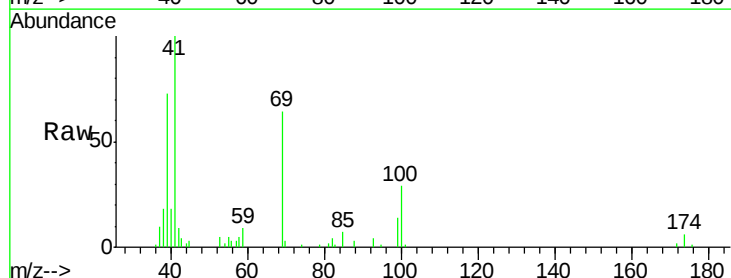
Tgt Ion: 41 Resp: 88054

Ion Ratio Lower Upper

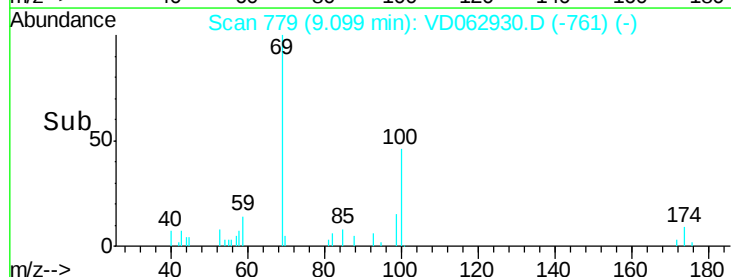
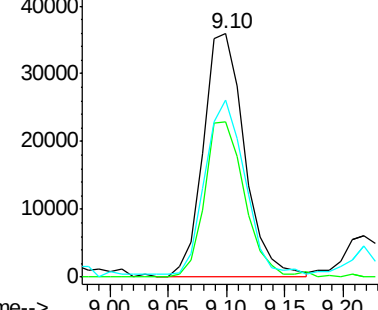
41 100

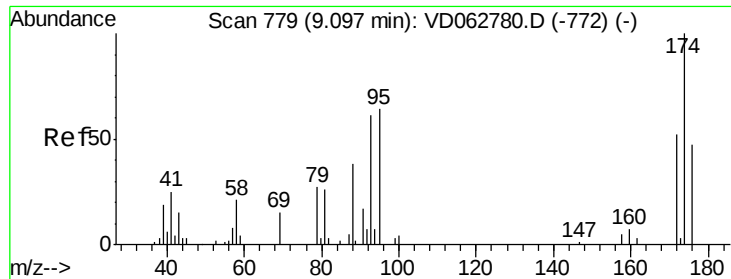
69 63.9 47.2 70.8

39 72.6 57.4 86.2



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

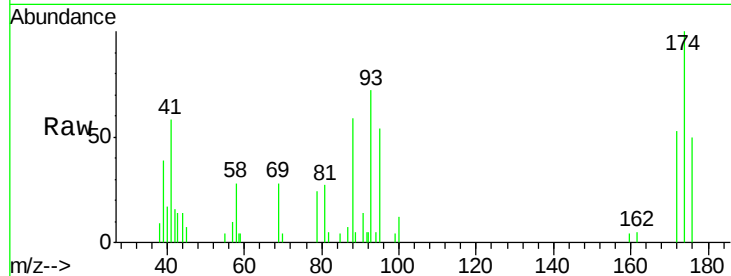




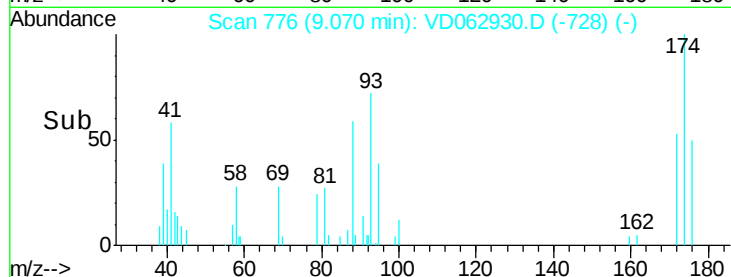
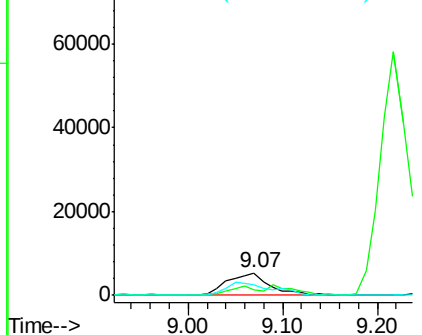
#49  
1,4-Dioxane  
Concen: 448.679 ug/l  
RT: 9.07 min Scan# 776  
Delta R.T. -0.03 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBS02

Tot Ion: 88 Resp: 16312  
Ion Ratio Lower Upper  
88 100  
43 24.2 32.1 48.1#  
58 46.8 44.1 66.1

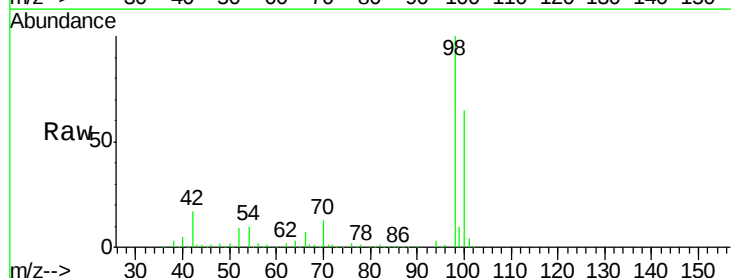


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

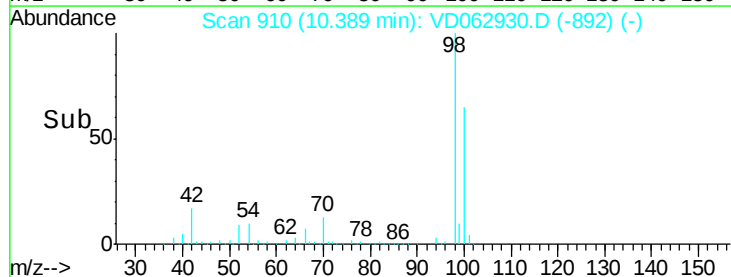
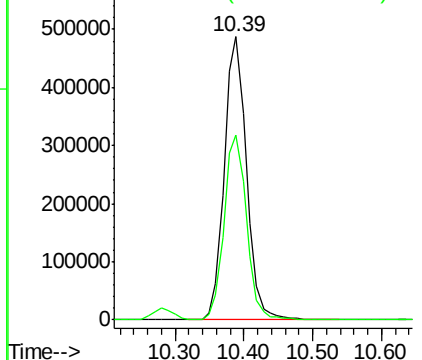


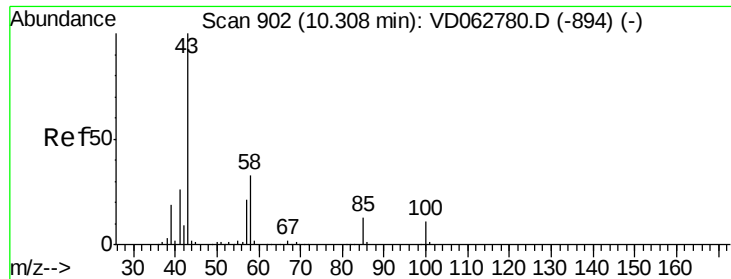
#50  
Toluene-d8  
Concen: 47.723 ug/l  
RT: 10.39 min Scan# 910  
Delta R.T. -0.03 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

Tgt Ion: 98 Resp: 1085163  
Ion Ratio Lower Upper  
98 100  
100 65.1 54.7 82.1



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

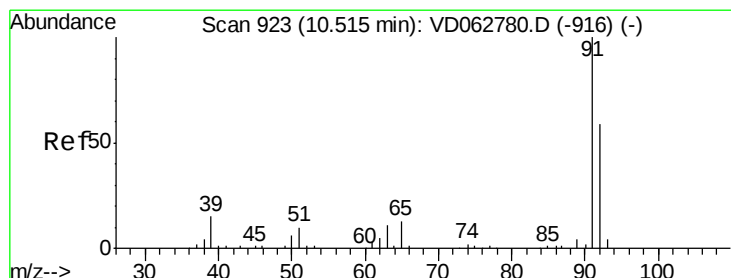
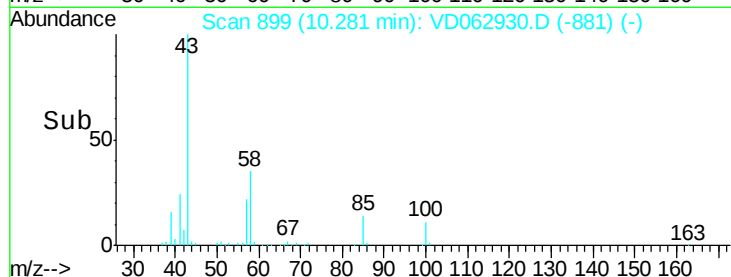
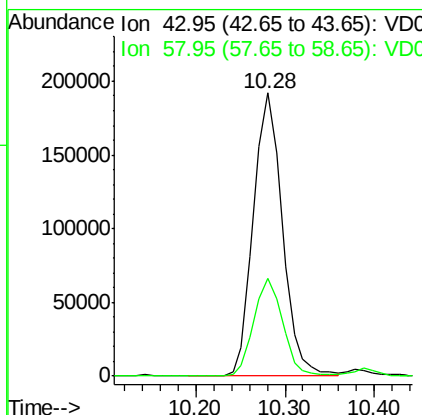
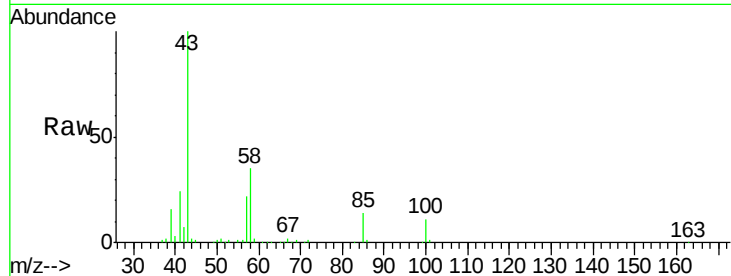




#51  
4-Methyl-2-Pentanone  
Concen: 99.192 ug/l  
RT: 10.28 min Scan# 899  
Delta R.T. -0.03 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

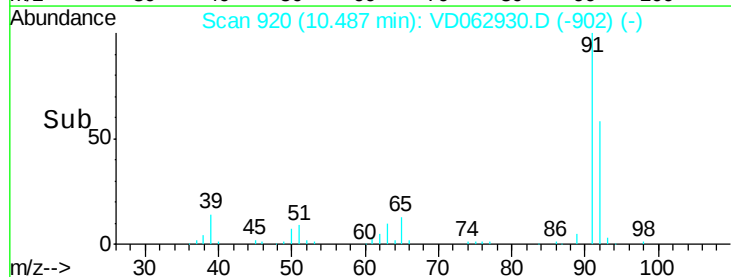
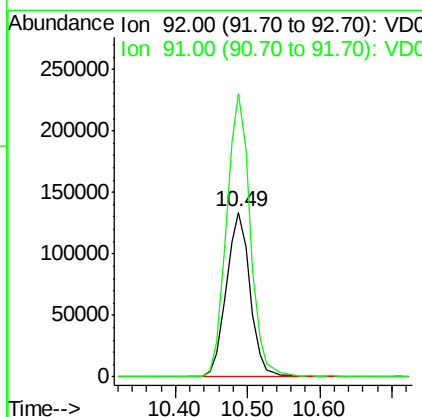
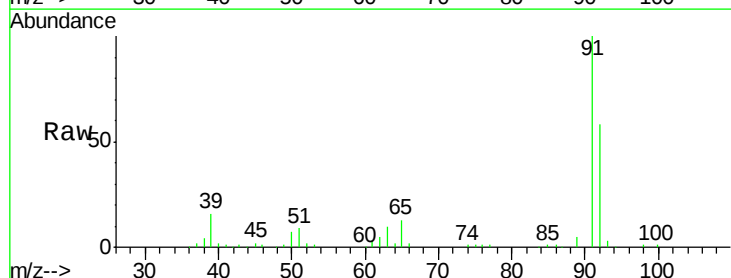
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBS02

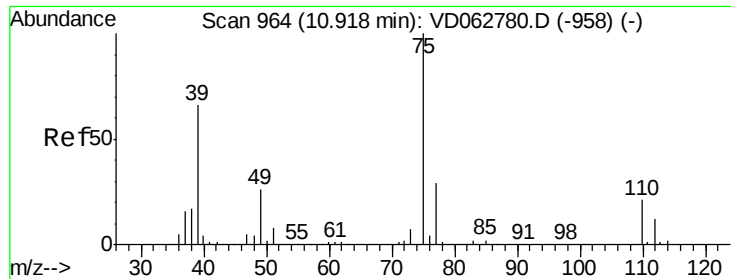
Tot Ion: 43 Resp: 432455  
Ion Ratio Lower Upper  
43 100  
58 34.6 26.6 40.0



#52  
Toluene  
Concen: 19.204 ug/l  
RT: 10.49 min Scan# 920  
Delta R.T. -0.03 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

Tgt Ion: 92 Resp: 303934  
Ion Ratio Lower Upper  
92 100  
91 172.2 136.3 204.5

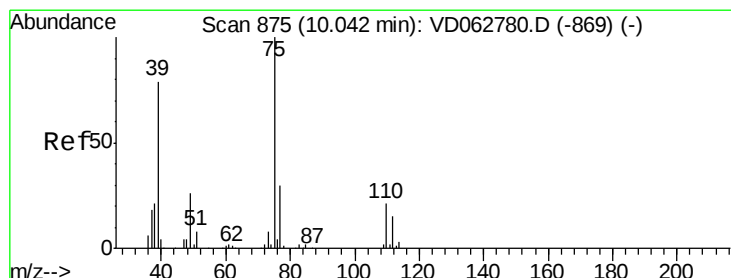
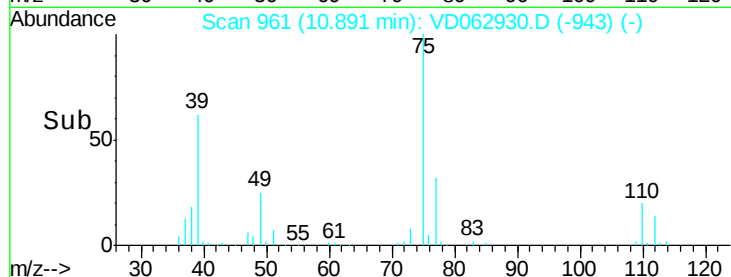
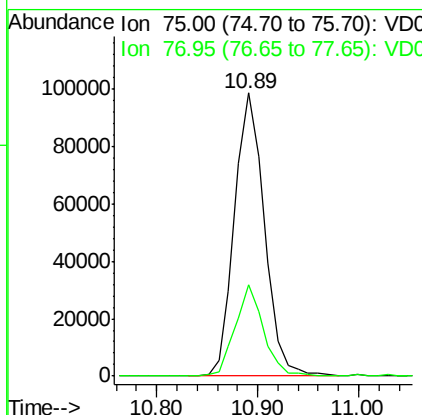
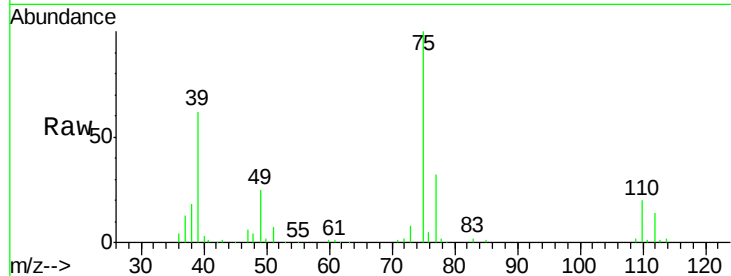




#53  
 t-1,3-Dichloropropene  
 Concen: 19.106 ug/l  
 RT: 10.89 min Scan# 961  
 Delta R.T. -0.03 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

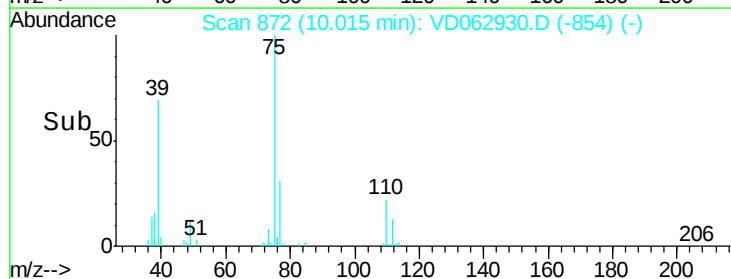
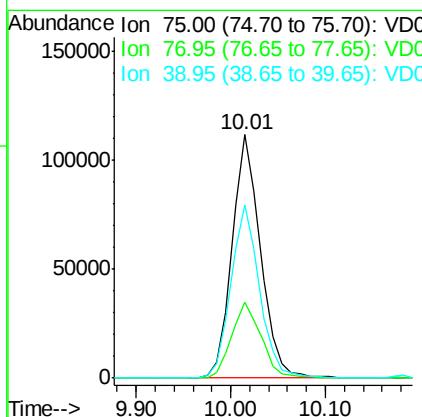
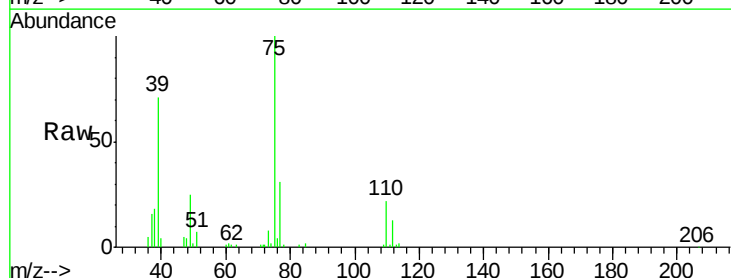
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD02

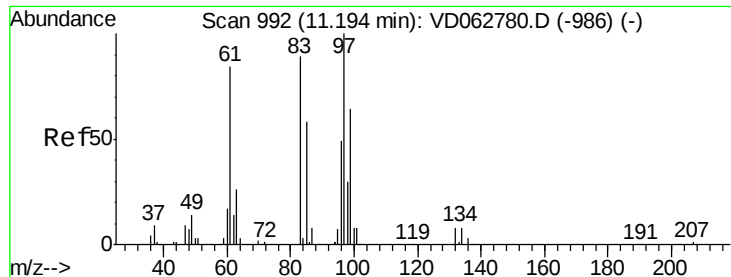
Tot Ion: 75 Resp: 204245  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 23.2 34.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.051 ug/l  
 RT: 10.01 min Scan# 872  
 Delta R.T. -0.03 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

Tgt Ion: 75 Resp: 232980  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 24.2 36.2  
 39 71.4 63.5 95.3

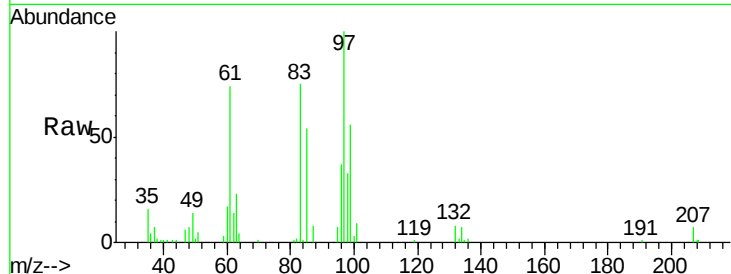




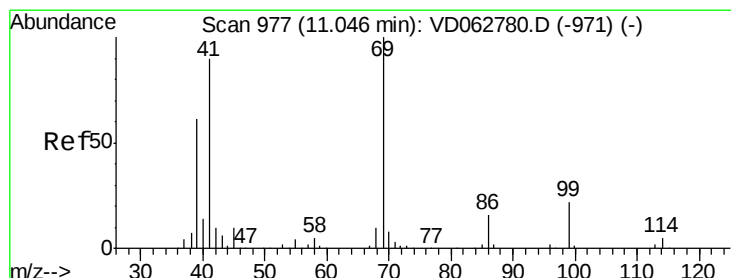
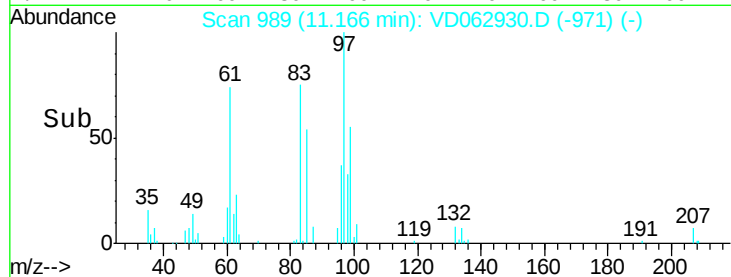
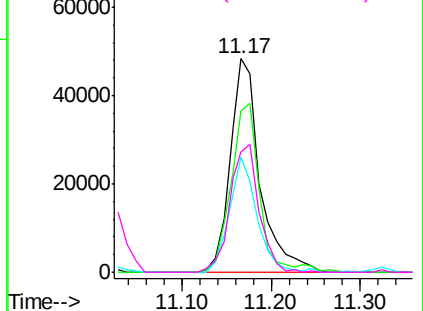
#55  
 1,1,2-Trichloroethane  
 Concen: 20.871 ug/l  
 RT: 11.17 min Scan# 989  
 Delta R.T. -0.03 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 113482 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 75.5  | 71.0  | 106.4  |
| 85       | 54.1  | 46.6  | 69.8   |
| 99       | 56.2  | 51.4  | 77.0   |

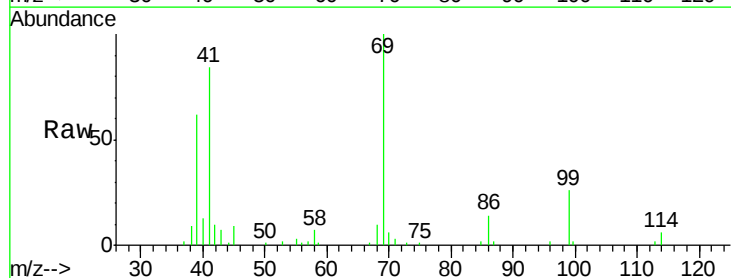


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

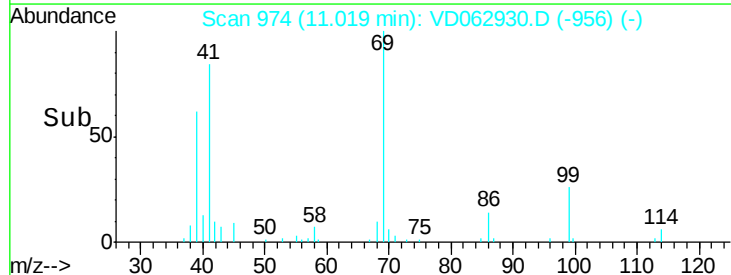
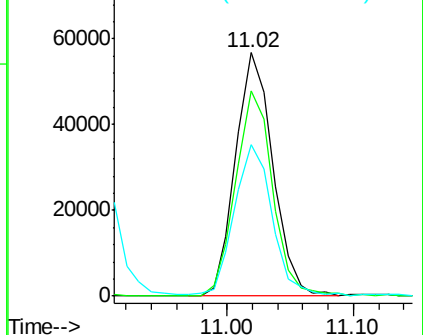


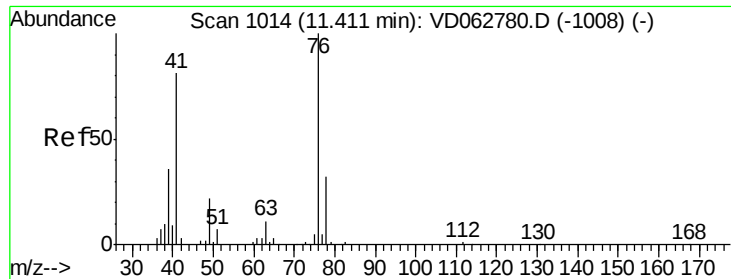
#56  
 Ethyl methacrylate  
 Concen: 20.070 ug/l  
 RT: 11.02 min Scan# 974  
 Delta R.T. -0.03 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 116626 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 84.3  | 72.0  | 108.0  |
| 39       | 62.1  | 49.5  | 74.3   |



Abundance Ion 69.00 (68.70 to 69.70): VDC  
 Ion 41.05 (40.75 to 41.75): VDC  
 Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 19.343 ug/l

RT: 11.38 min Scan# 1011

Delta R.T. -0.03 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

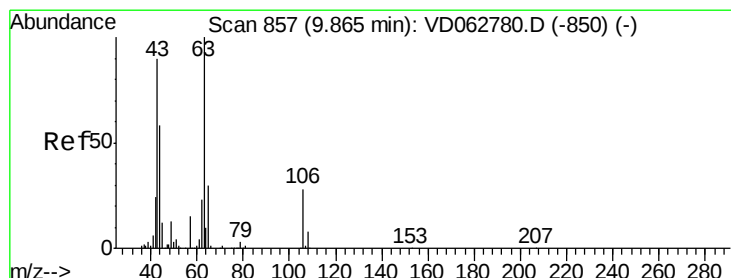
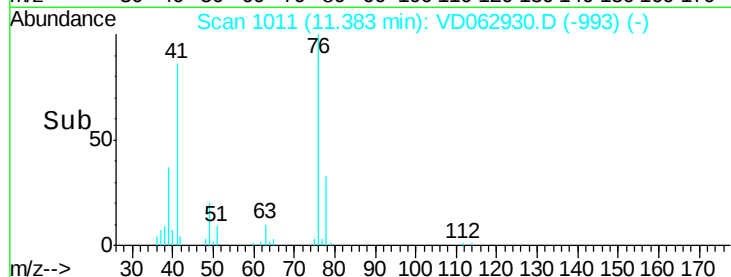
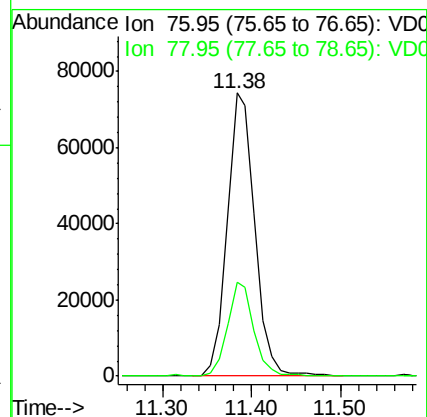
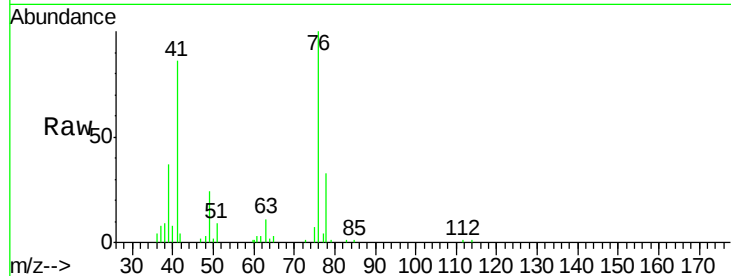
VD0627SBS02

Tot Ion: 76 Resp: 161041

Ion Ratio Lower Upper

76 100

78 33.1 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.455 ug/l

RT: 9.84 min Scan# 854

Delta R.T. -0.03 min

Lab File: VD062930.D

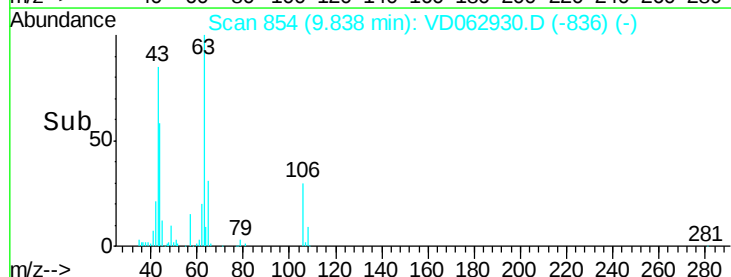
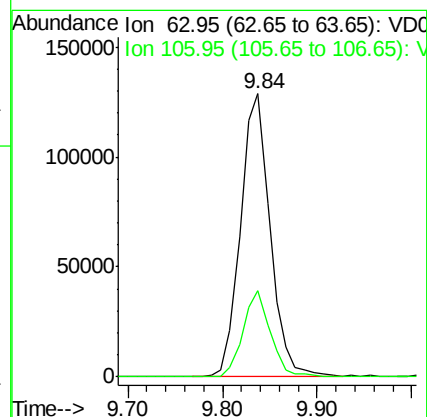
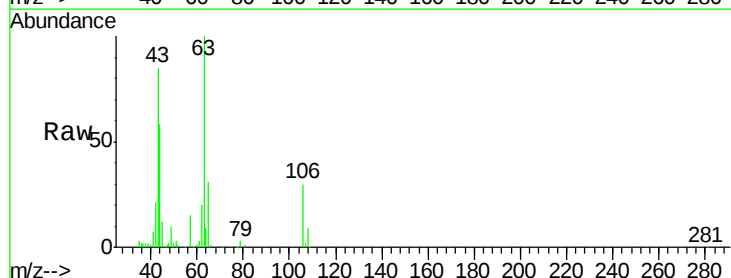
Acq: 27 Jun 2019 14:38

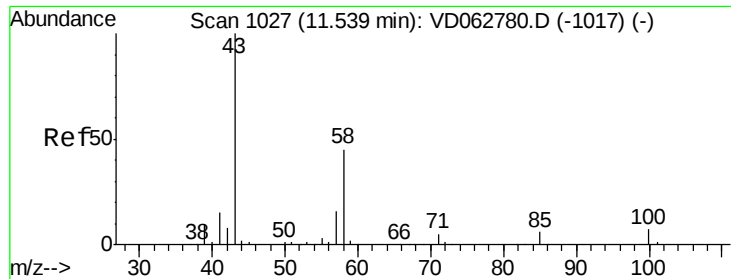
Tgt Ion: 63 Resp: 278796

Ion Ratio Lower Upper

63 100

106 30.4 22.1 33.1

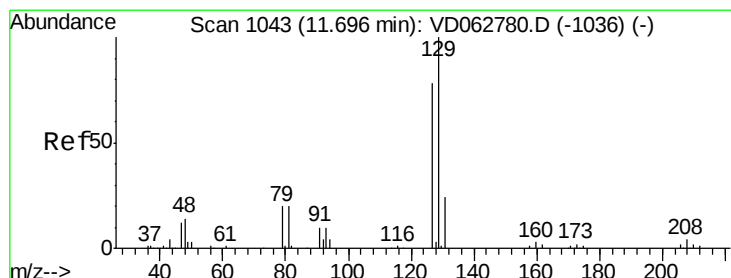
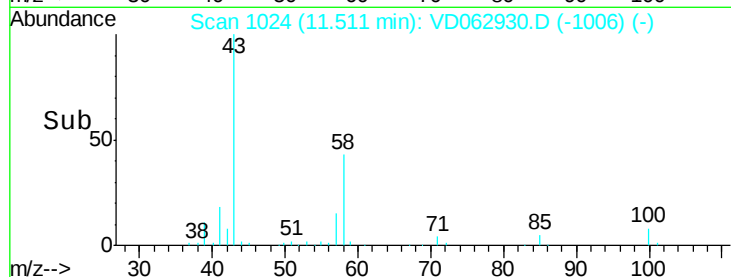
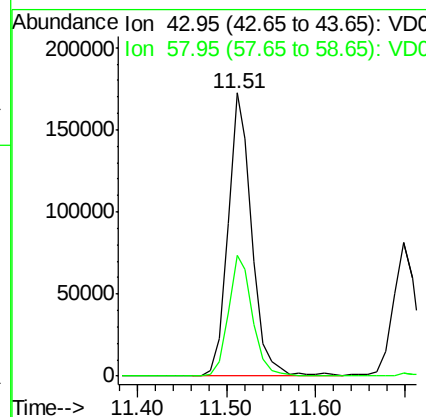
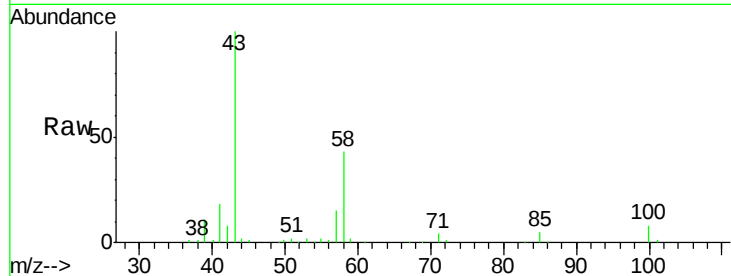




#59  
2-Hexanone  
Concen: 104.479 ug/l  
RT: 11.51 min Scan# 1024  
Delta R.T. -0.03 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

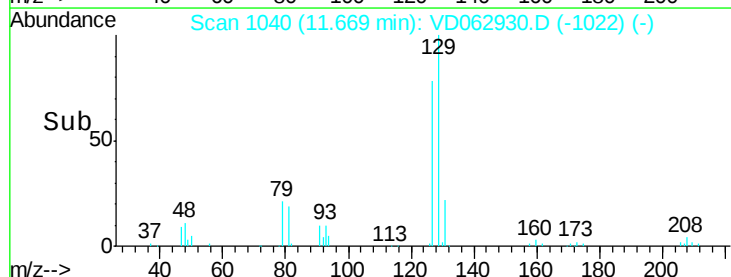
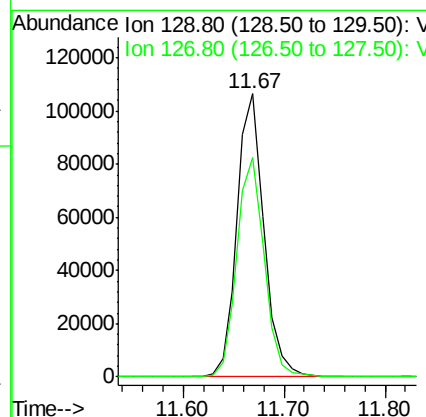
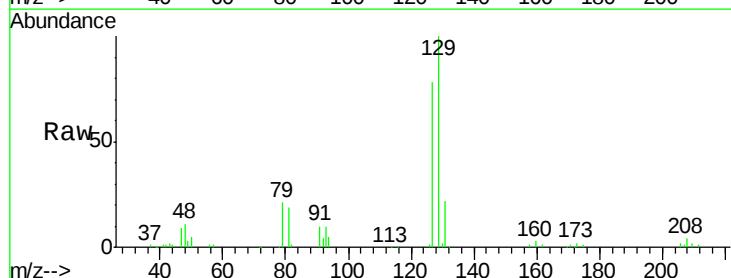
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD02

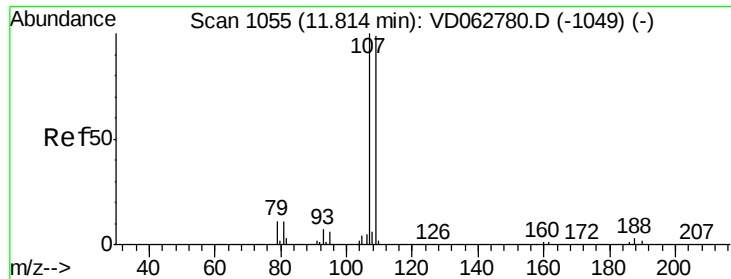
Tot Ion: 43 Resp: 324406  
Ion Ratio Lower Upper  
43 100  
58 42.7 22.4 67.2



#60  
Dibromochloromethane  
Concen: 19.418 ug/l  
RT: 11.67 min Scan# 1040  
Delta R.T. -0.03 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

Tgt Ion:129 Resp: 196659  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.9 116.6

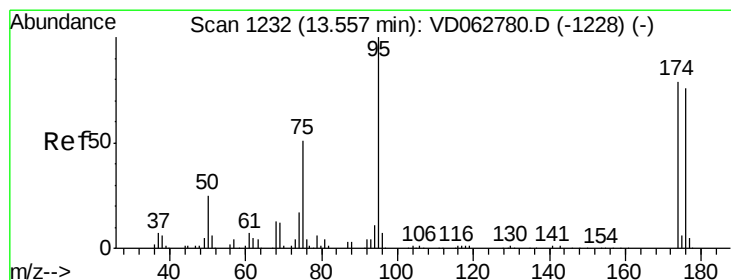
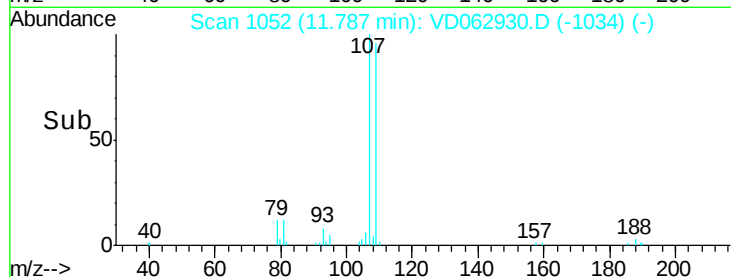
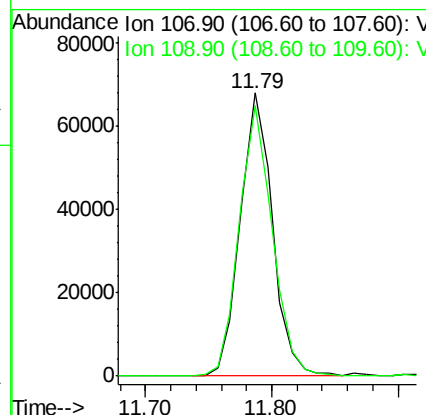
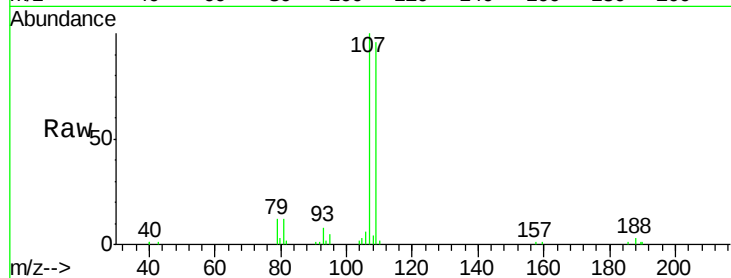




#61  
 1,2-Dibromoethane  
 Concen: 18.672 ug/l  
 RT: 11.79 min Scan# 1052  
 Delta R.T. -0.03 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

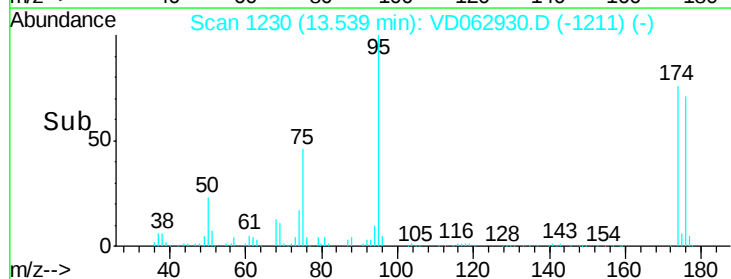
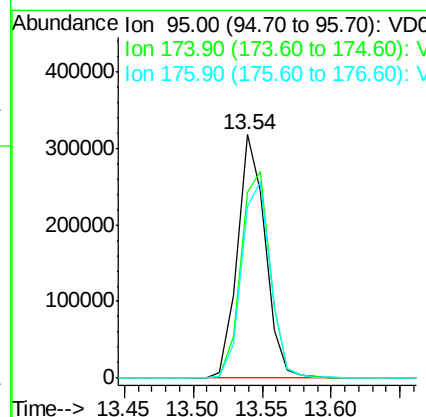
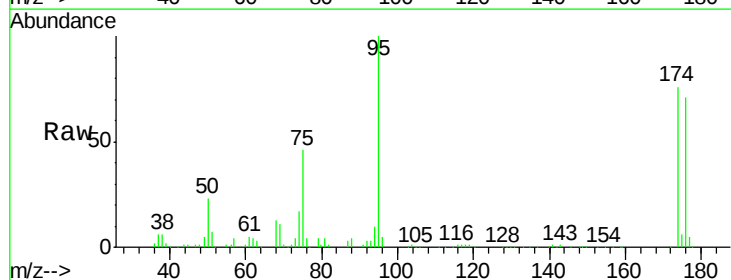
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD02

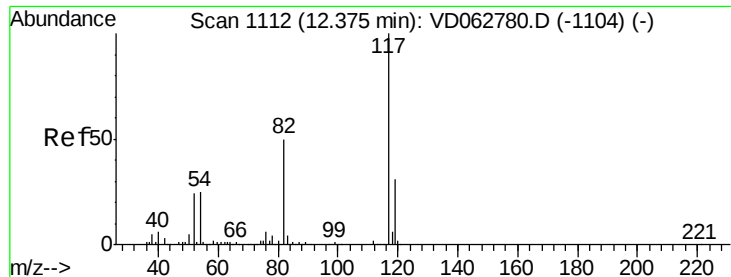
Tot Ion:107 Resp: 119907  
 Ion Ratio Lower Upper  
 107 100  
 109 95.8 79.3 118.9



#62  
 4-Bromofluorobenzene  
 Concen: 43.177 ug/l  
 RT: 13.54 min Scan# 1230  
 Delta R.T. -0.02 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

Tgt Ion: 95 Resp: 446420  
 Ion Ratio Lower Upper  
 95 100  
 174 76.2 0.0 158.0  
 176 70.5 0.0 151.6

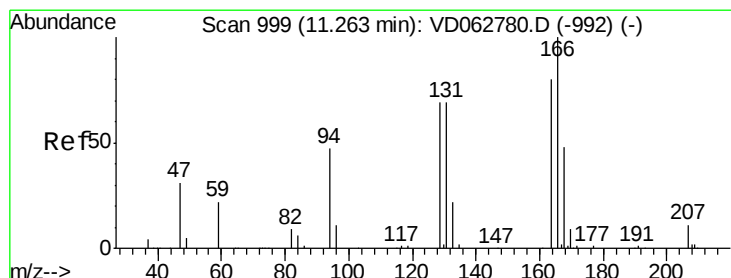
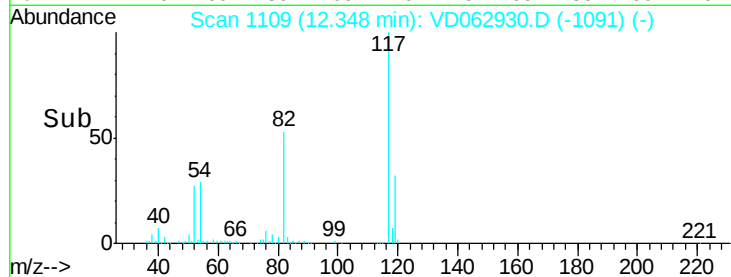
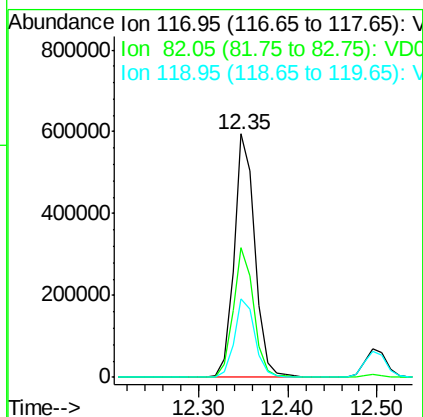
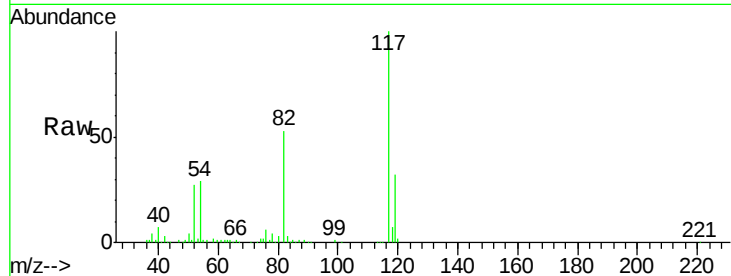




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.35 min Scan# 1109  
Delta R.T. -0.03 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

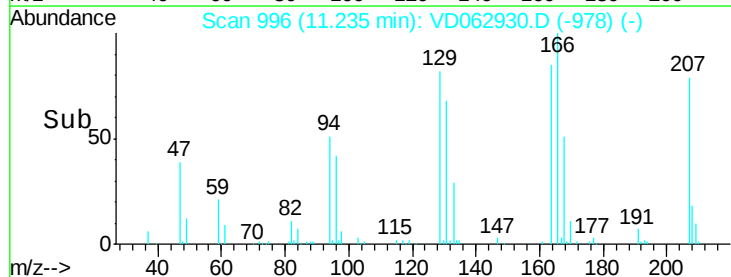
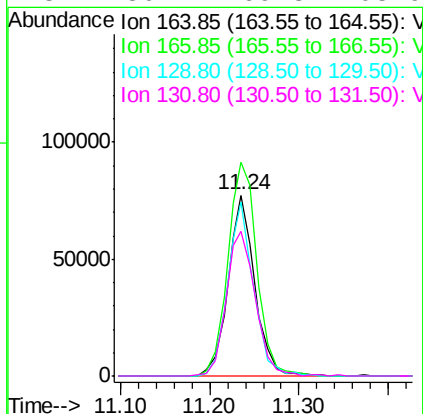
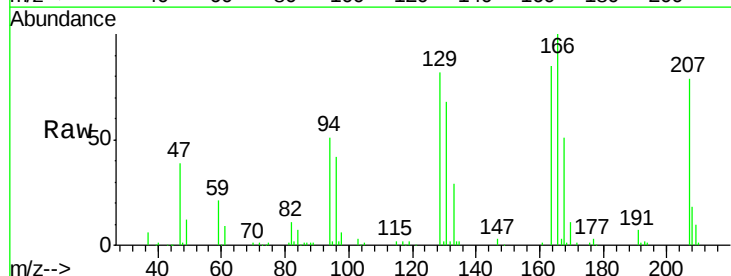
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD02

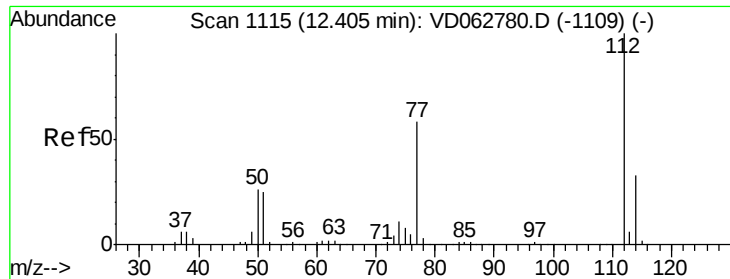
Tot Ion:117 Resp: 971542  
Ion Ratio Lower Upper  
117 100  
82 53.4 40.4 60.6  
119 32.2 25.2 37.8



#64  
Tetrachloroethene  
Concen: 20.307 ug/l  
RT: 11.24 min Scan# 996  
Delta R.T. -0.03 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

Tgt Ion:164 Resp: 162375  
Ion Ratio Lower Upper  
164 100  
166 118.1 100.6 150.8  
129 96.3 69.4 104.0  
131 80.1 69.3 103.9

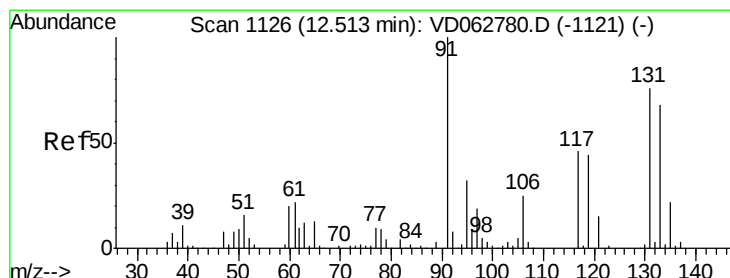
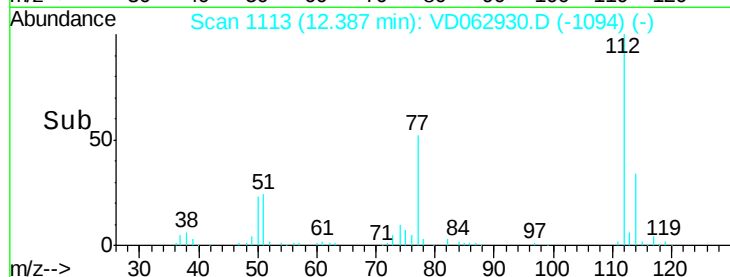
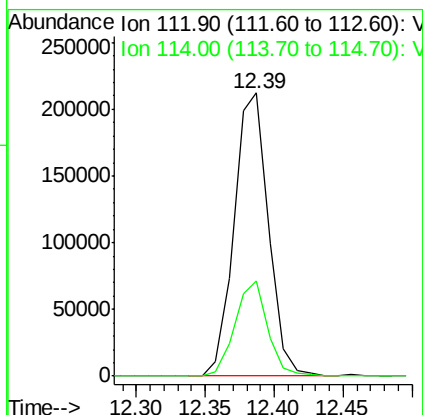
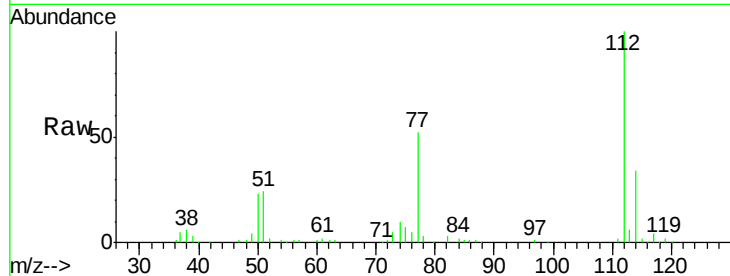




#65  
Chlorobenzene  
Concen: 20.443 ug/l  
RT: 12.39 min Scan# 1113  
Delta R.T. -0.02 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

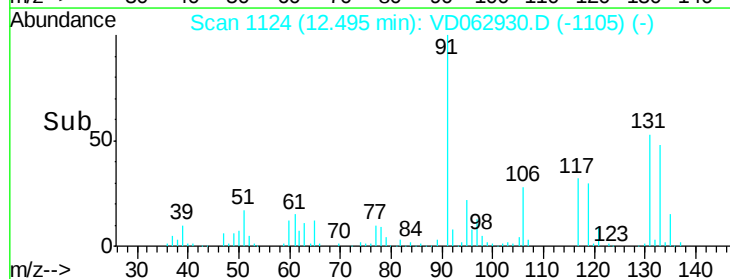
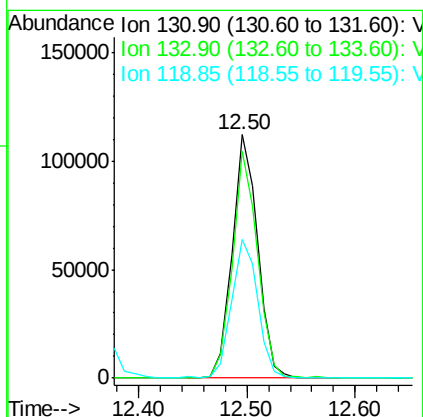
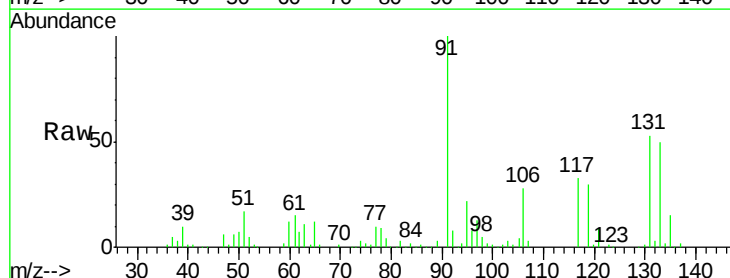
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD02

Tot Ion:112 Resp: 368604  
Ion Ratio Lower Upper  
112 100  
114 33.7 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.718 ug/l  
RT: 12.50 min Scan# 1124  
Delta R.T. -0.02 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

Tgt Ion:131 Resp: 183134  
Ion Ratio Lower Upper  
131 100  
133 93.4 44.5 133.3  
119 57.2 28.6 85.9

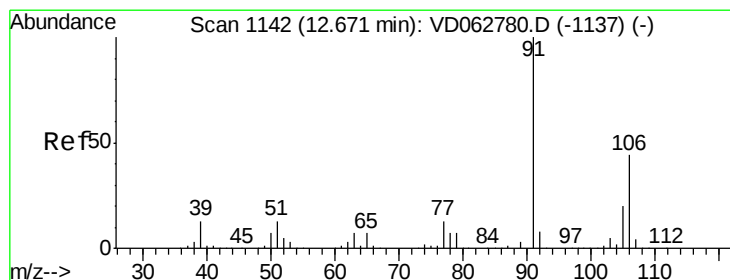
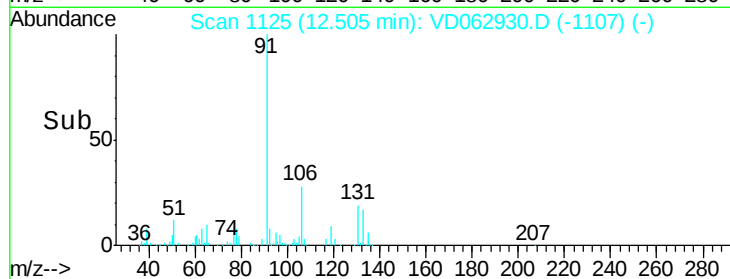
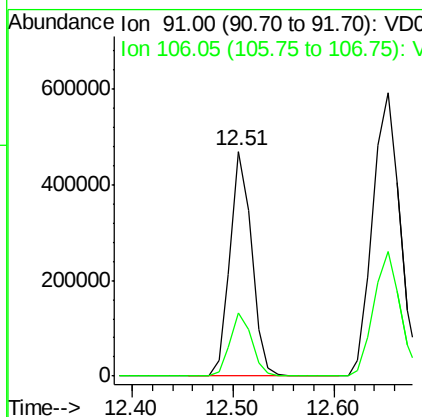
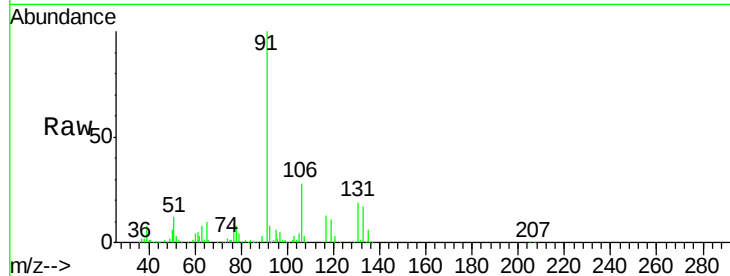




#67  
Ethyl Benzene  
Concen: 21.687 ug/l  
RT: 12.51 min Scan# 1125  
Delta R.T. -0.03 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

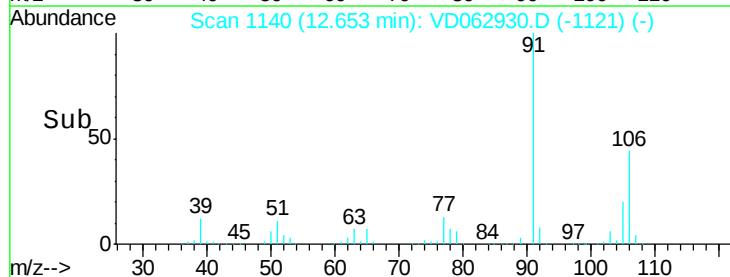
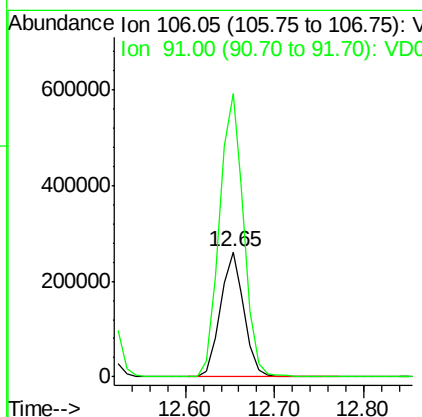
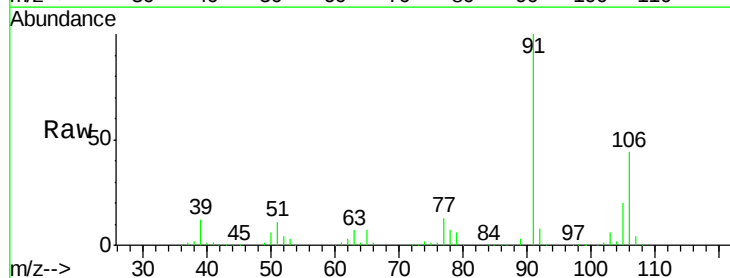
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBS02

Tot Ion: 91 Resp: 702061  
Ion Ratio Lower Upper  
91 100  
106 28.1 23.1 34.7



#68  
m/p-Xylenes  
Concen: 43.002 ug/l  
RT: 12.65 min Scan# 1140  
Delta R.T. -0.02 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

Tgt Ion: 106 Resp: 484841  
Ion Ratio Lower Upper  
106 100  
91 226.7 183.0 274.6

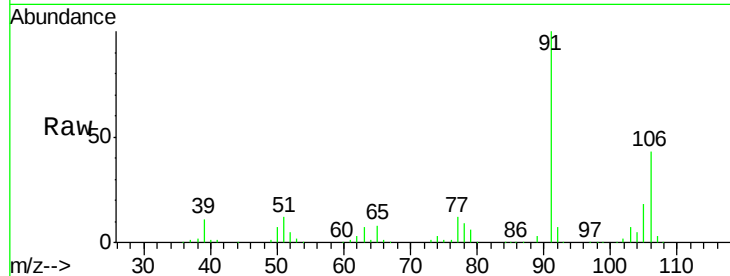




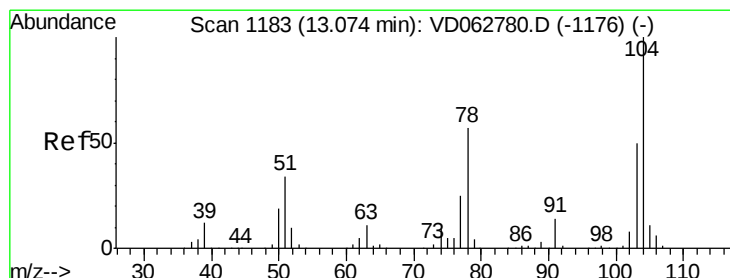
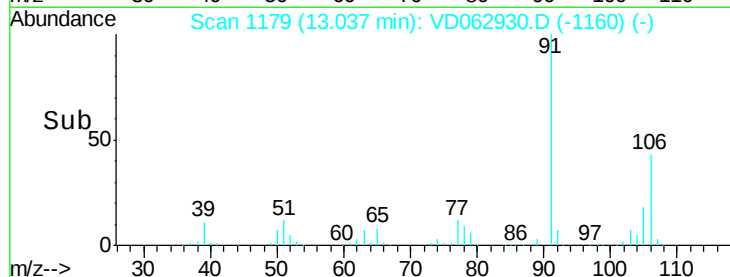
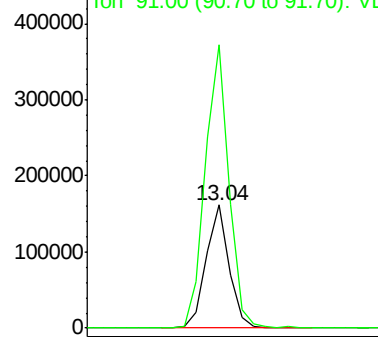
#69  
o-Xylene  
Concen: 21.456 ug/l  
RT: 13.04 min Scan# 1179  
Delta R.T. -0.02 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD02

Tot Ion:106 Resp: 221151  
Ion Ratio Lower Upper  
106 100  
91 230.0 117.9 353.6

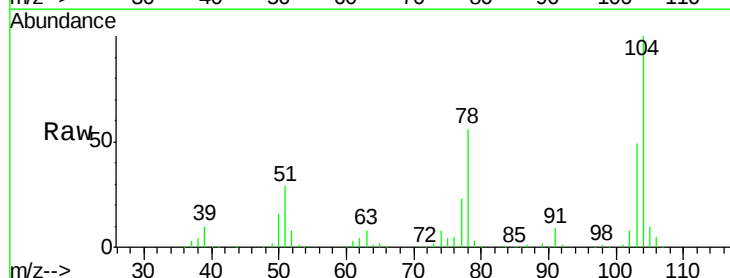


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

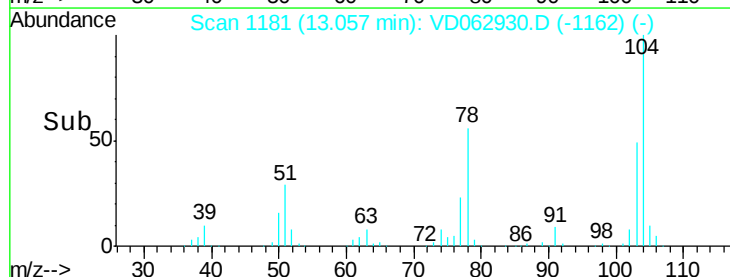
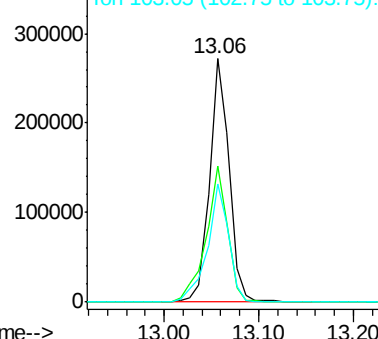


#70  
Styrene  
Concen: 21.568 ug/l  
RT: 13.06 min Scan# 1181  
Delta R.T. -0.02 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

Tgt Ion:104 Resp: 390463  
Ion Ratio Lower Upper  
104 100  
78 55.7 45.4 68.2  
103 48.7 39.7 59.5



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





#71

Bromoform

Concen: 19.217 ug/l

RT: 13.22 min Scan# 1198

Delta R.T. -0.02 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD02

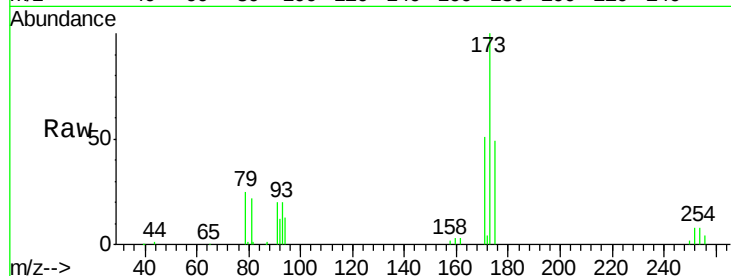
Tot Ion:173 Resp: 111021

Ion Ratio Lower Upper

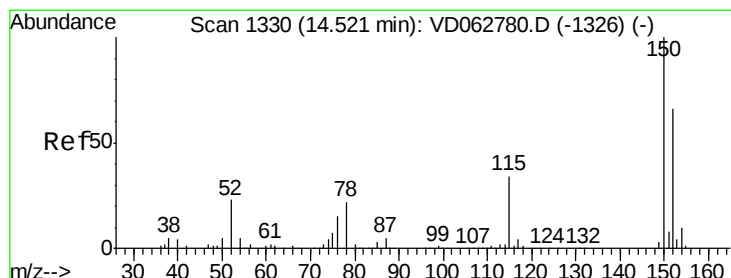
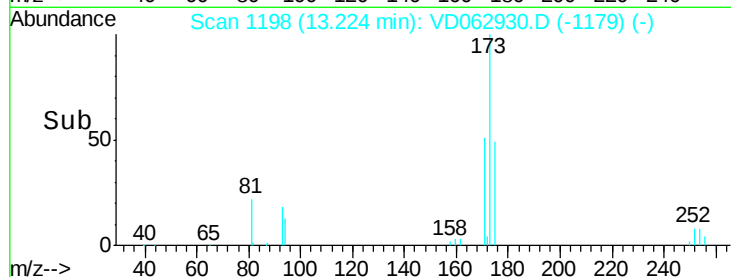
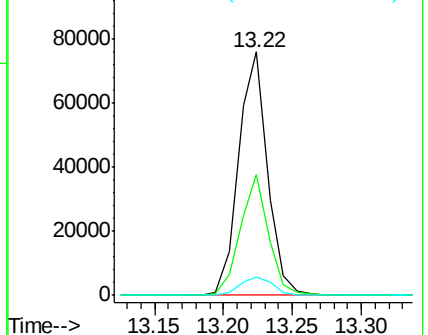
173 100

175 49.4 25.3 75.9

254 7.7 7.1 10.7



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. -0.02 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

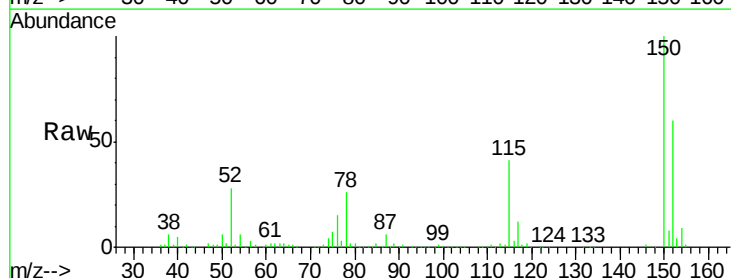
Tgt Ion:152 Resp: 549547

Ion Ratio Lower Upper

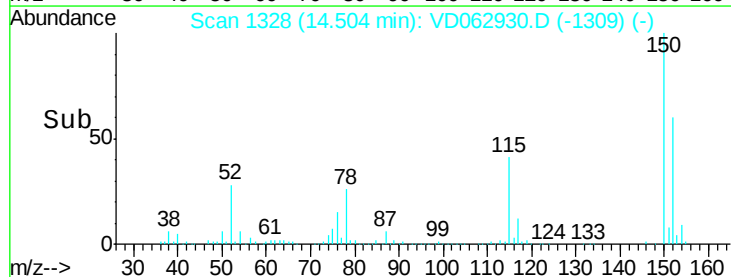
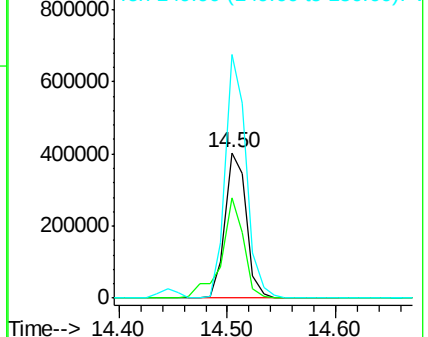
152 100

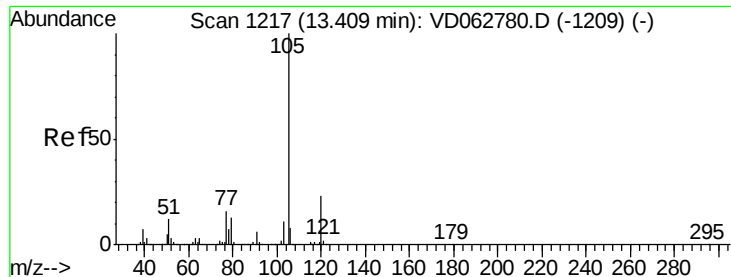
115 68.5 29.2 87.6

150 167.1 0.0 305.8



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





#73

Isopropylbenzene

Concen: 20.515 ug/l

RT: 13.39 min Scan# 1215

Delta R.T. -0.02 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

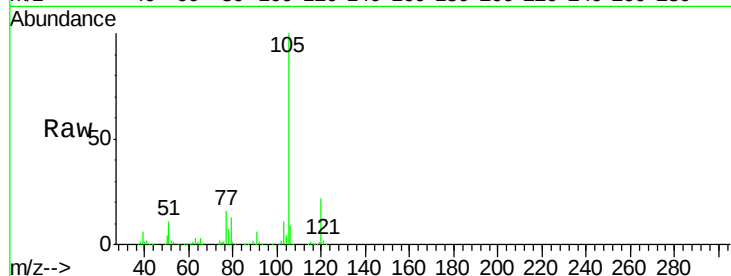
VD0627SBSD02

Tot Ion:105 Resp: 722869

Ion Ratio Lower Upper

105 100

120 22.4 11.6 34.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.39

600000

500000

400000

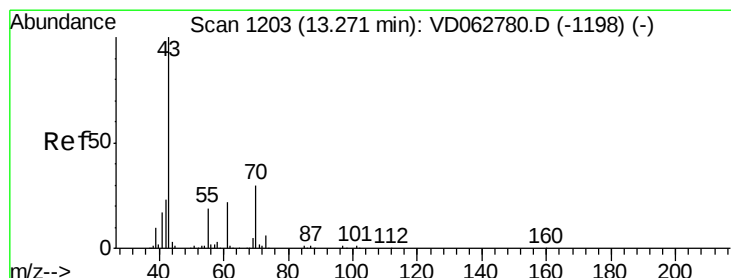
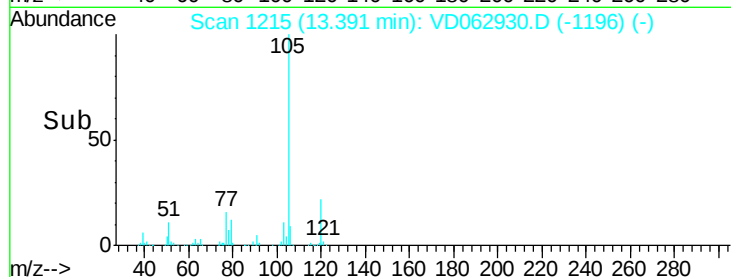
300000

200000

100000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 19.887 ug/l

RT: 13.25 min Scan# 1201

Delta R.T. -0.02 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Tgt Ion: 43 Resp: 170170

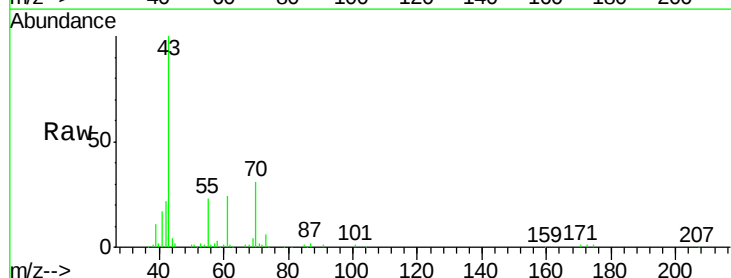
Ion Ratio Lower Upper

43 100

70 30.5 24.4 36.6

55 22.6 15.2 22.8

61 24.4 17.4 26.2



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

200000

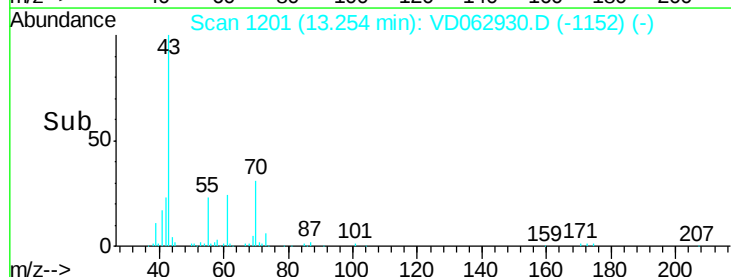
150000

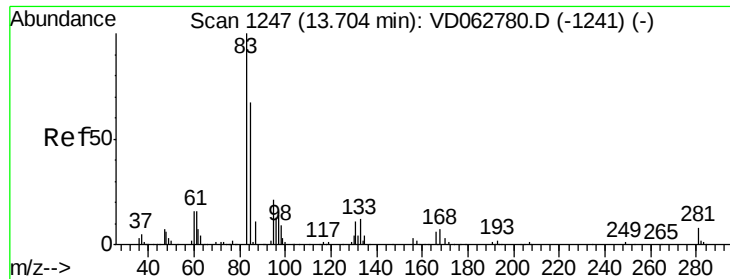
100000

50000

0

Time--> 13.20 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 21.065 ug/l

RT: 13.69 min Scan# 1245

Delta R.T. -0.02 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBS02

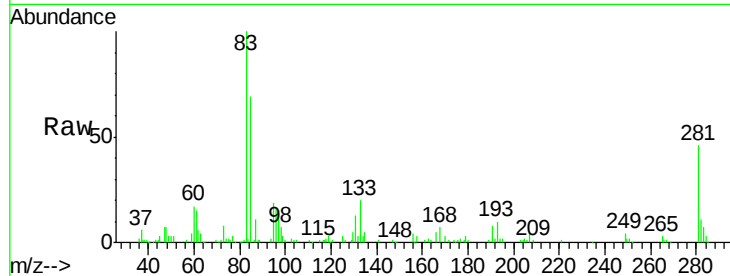
Tot Ion: 83 Resp: 120938

Ion Ratio Lower Upper

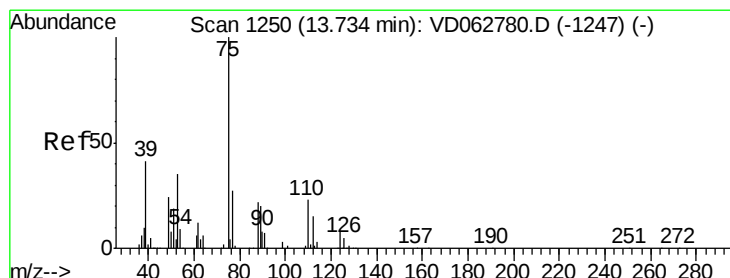
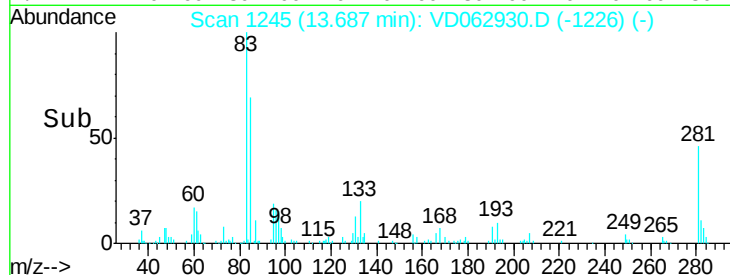
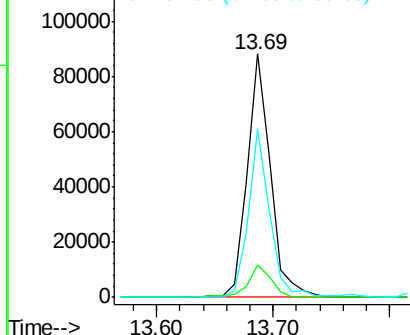
83 100

131 13.1 5.3 16.1

85 69.0 33.7 101.1



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



#76

1,2,3-Trichloropropane

Concen: 20.134 ug/l

RT: 13.72 min Scan# 1248

Delta R.T. -0.02 min

Lab File: VD062930.D

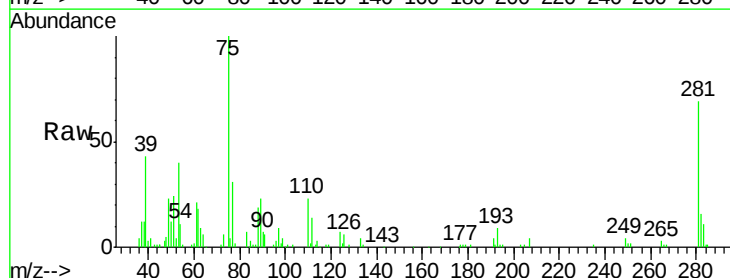
Acq: 27 Jun 2019 14:38

Tgt Ion: 75 Resp: 127732

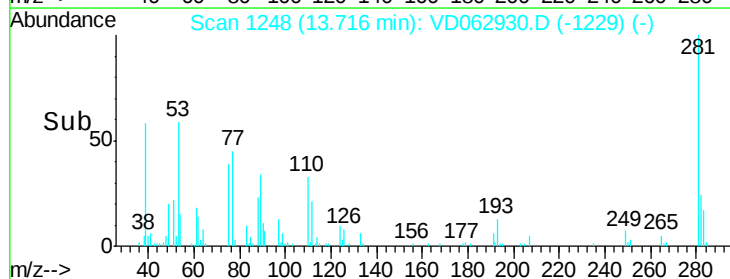
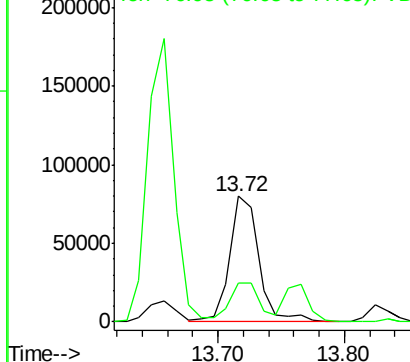
Ion Ratio Lower Upper

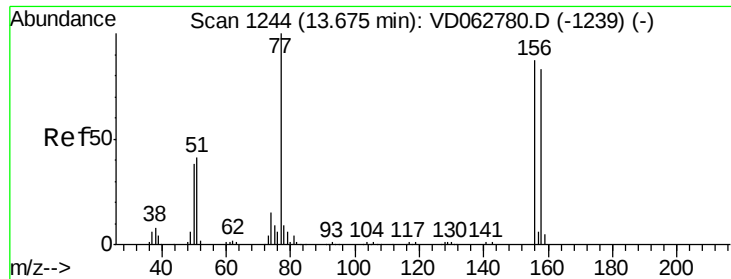
75 100

77 31.2 15.0 45.1



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





#77

Bromobenzene

Concen: 20.874 ug/l

RT: 13.66 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD02

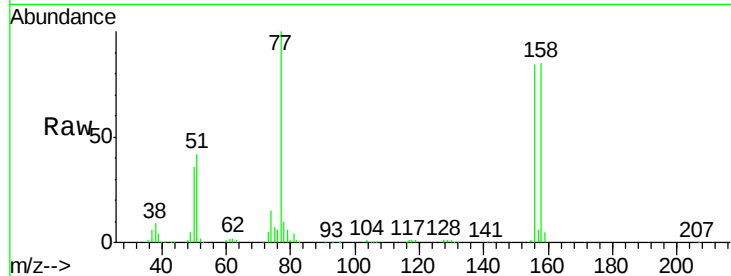
Tot Ion:156 Resp: 197831

Ion Ratio Lower Upper

156 100

77 119.2 57.7 173.1

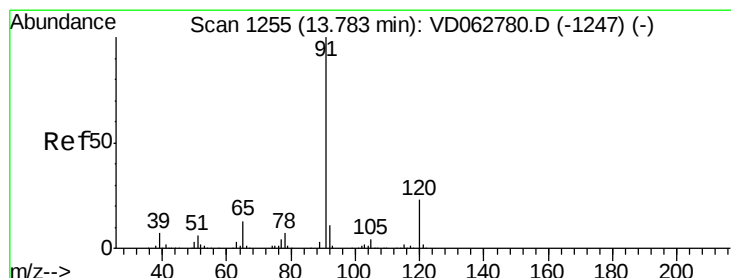
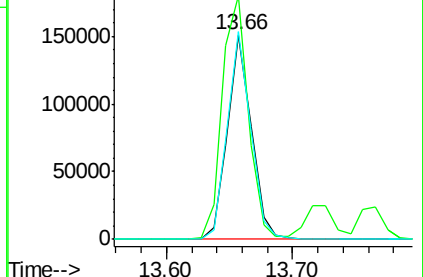
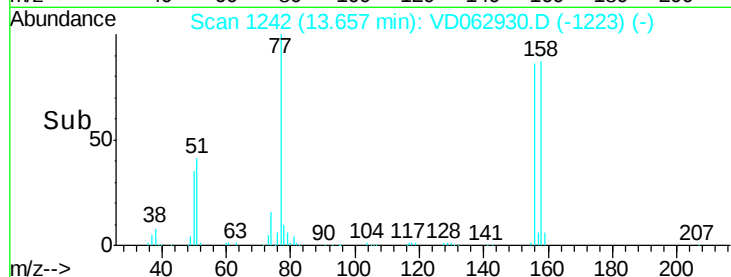
158 101.5 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 19.949 ug/l

RT: 13.77 min Scan# 1253

Delta R.T. -0.02 min

Lab File: VD062930.D

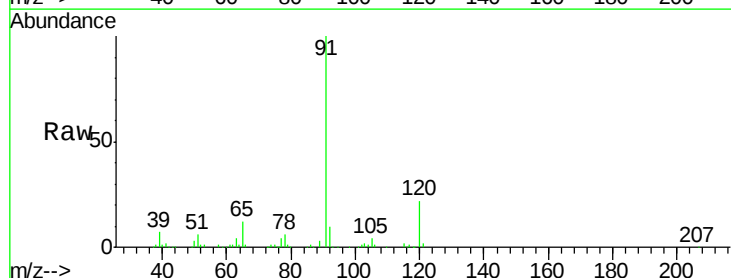
Acq: 27 Jun 2019 14:38

Tgt Ion: 91 Resp: 818128

Ion Ratio Lower Upper

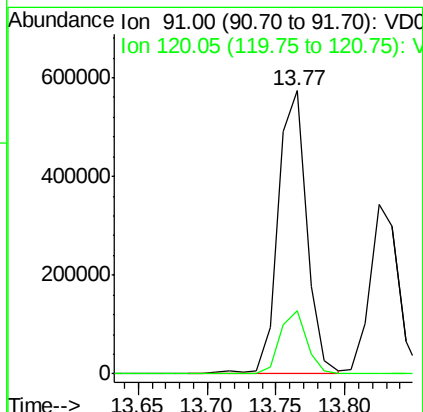
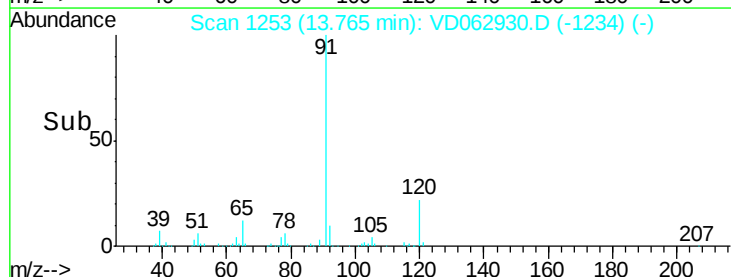
91 100

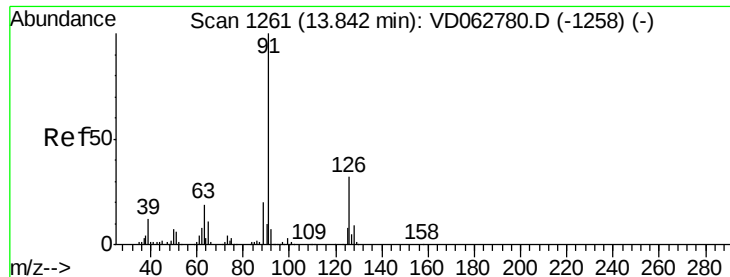
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 20.990 ug/l

RT: 13.82 min Scan# 1259

Delta R.T. -0.02 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

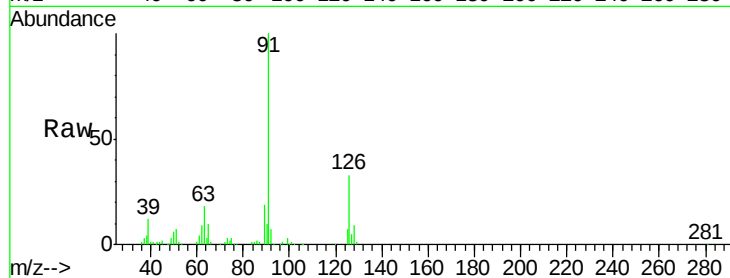
VD0627SBS02

Tot Ion: 91 Resp: 491944

Ion Ratio Lower Upper

91 100

126 33.2 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VD062780.D (-1258) (-)

Ion 125.95 (125.65 to 126.65): VD062780.D (-1258) (-)

600000

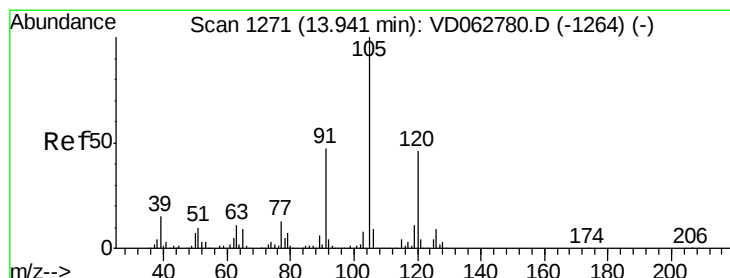
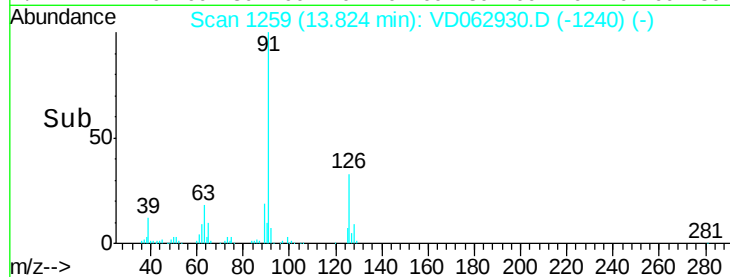
400000

200000

0

13.80 13.82 13.85 13.90

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.883 ug/l

RT: 13.92 min Scan# 1269

Delta R.T. -0.02 min

Lab File: VD062930.D

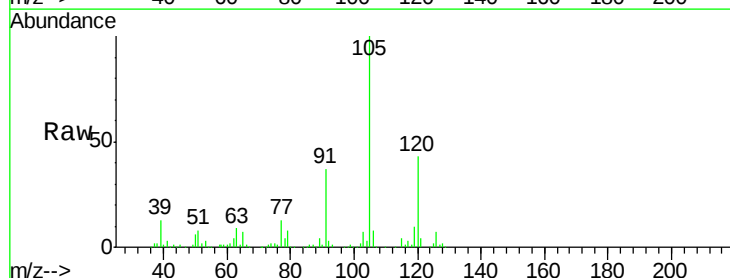
Acq: 27 Jun 2019 14:38

Tgt Ion: 105 Resp: 647677

Ion Ratio Lower Upper

105 100

120 43.1 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): VD062930.D (-1250) (-)

Ion 120.05 (119.75 to 120.75): VD062930.D (-1250) (-)

600000

500000

400000

300000

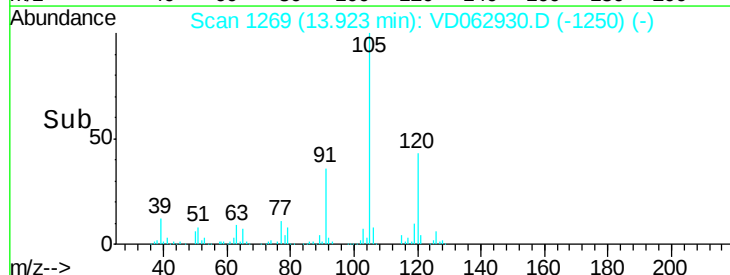
200000

100000

0

13.90 13.92 14.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.033 ug/l

RT: 13.46 min Scan# 1222

Delta R.T. -0.02 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD02

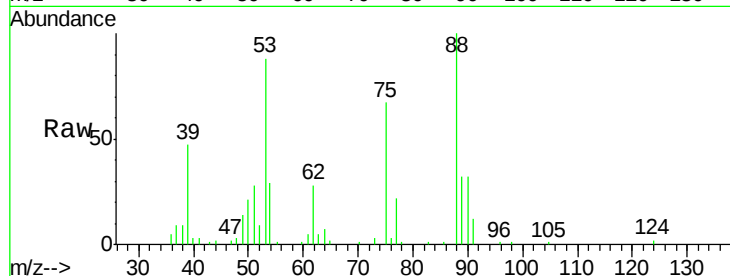
Tot Ion: 75 Resp: 34972

Ion Ratio Lower Upper

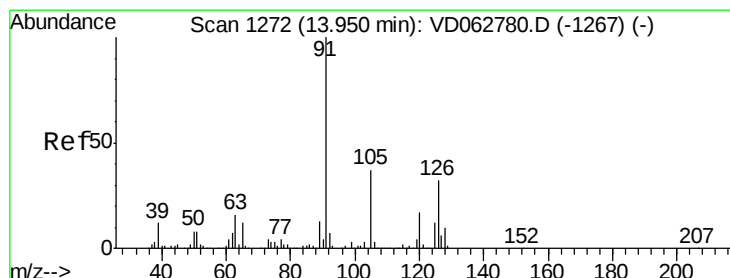
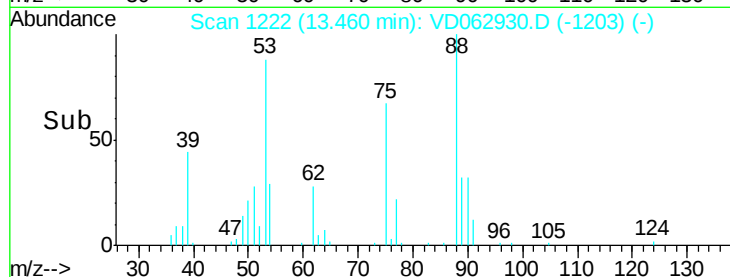
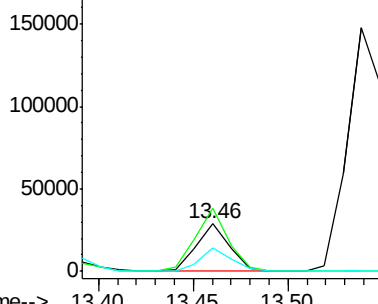
75 100

53 131.5 97.8 146.8

89 48.3 39.4 59.2



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



#82

4-Chlorotoluene

Concen: 21.580 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.02 min

Lab File: VD062930.D

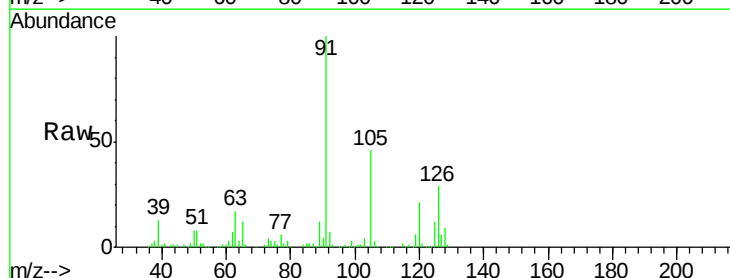
Acq: 27 Jun 2019 14:38

Tgt Ion: 91 Resp: 608903

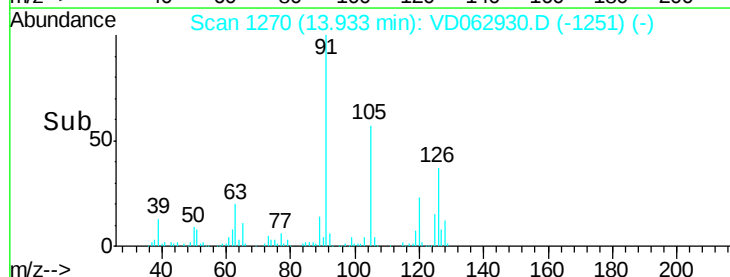
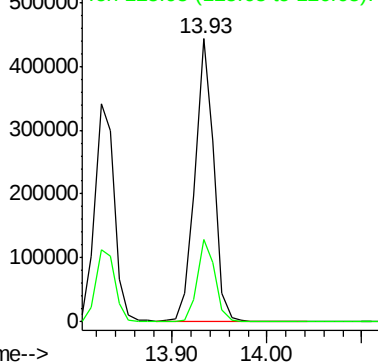
Ion Ratio Lower Upper

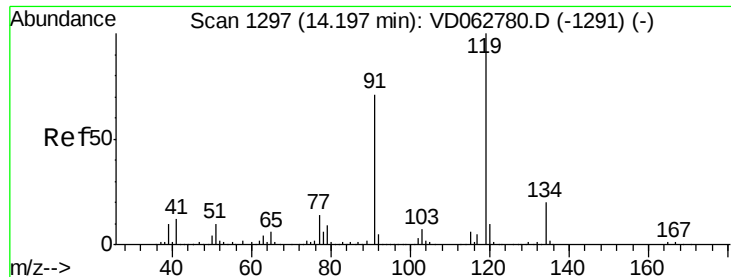
91 100

126 29.1 16.0 47.9



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

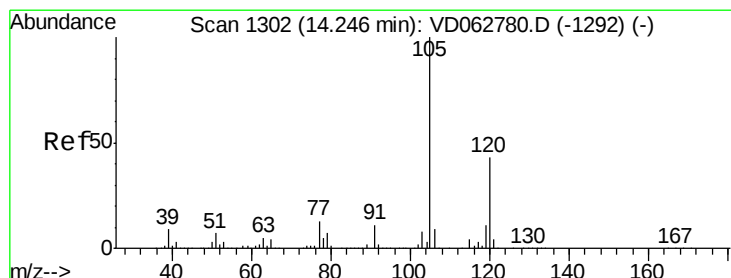
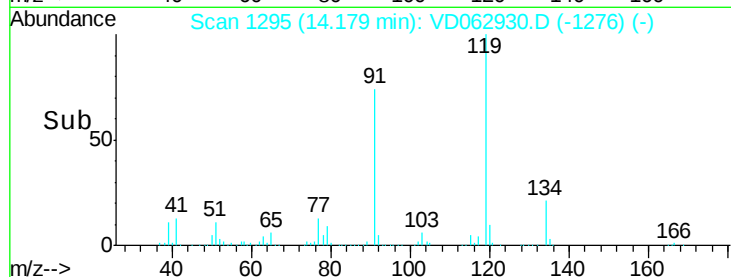
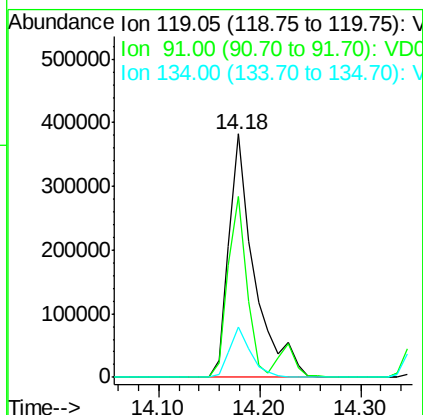
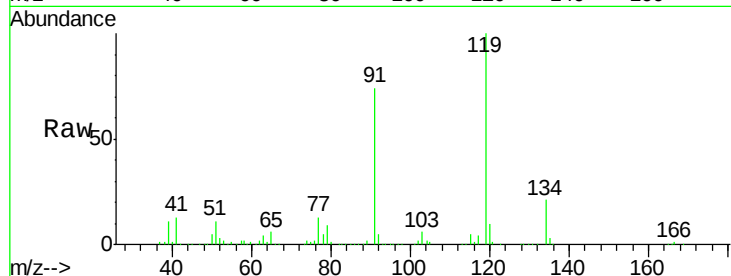




#83  
tert-Butylbenzene  
Concen: 20.296 ug/l  
RT: 14.18 min Scan# 1295  
Delta R.T. -0.02 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

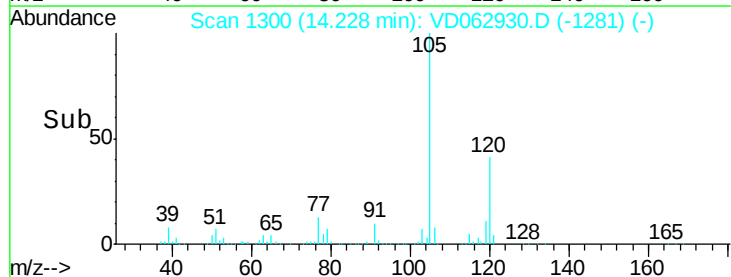
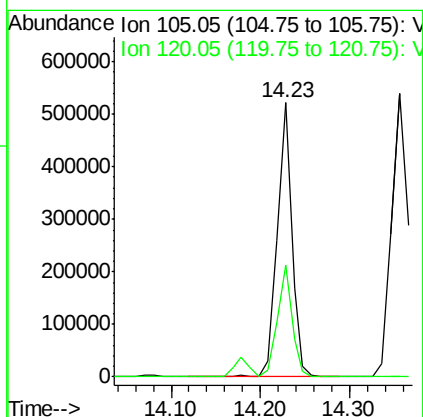
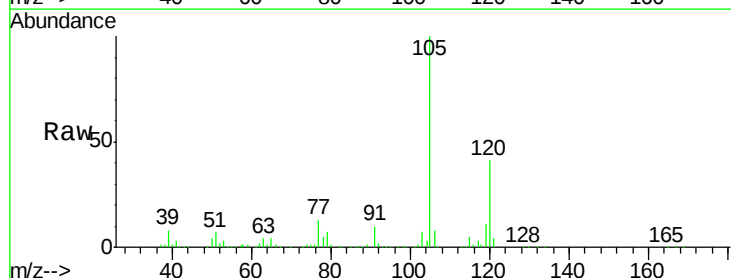
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0627SBSD02

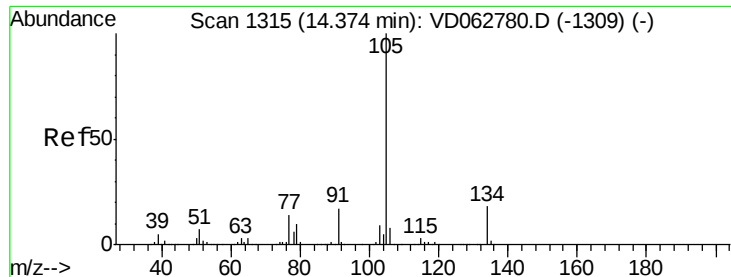
Tot Ion:119 Resp: 669561  
Ion Ratio Lower Upper  
119 100  
91 74.1 35.5 106.5  
134 20.7 10.2 30.6



#84  
1,2,4-Trimethylbenzene  
Concen: 19.845 ug/l  
RT: 14.23 min Scan# 1300  
Delta R.T. -0.02 min  
Lab File: VD062930.D  
Acq: 27 Jun 2019 14:38

Tgt Ion:105 Resp: 602004  
Ion Ratio Lower Upper  
105 100  
120 41.0 21.3 63.9





#85

sec-Butylbenzene

Concen: 19.306 ug/l

RT: 14.36 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

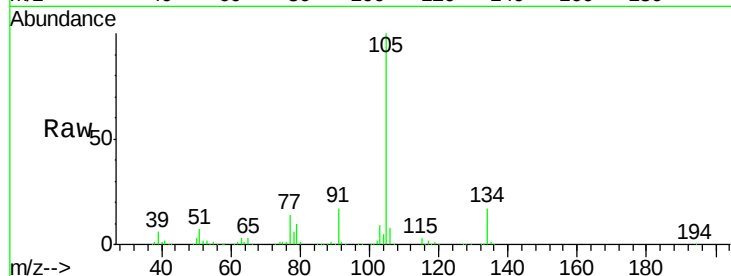
VD0627SBS02

Tot Ion:105 Resp: 692236

Ion Ratio Lower Upper

105 100

134 16.7 9.1 27.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

14.36

600000

500000

400000

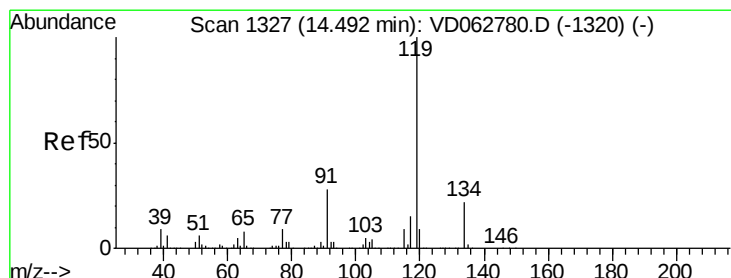
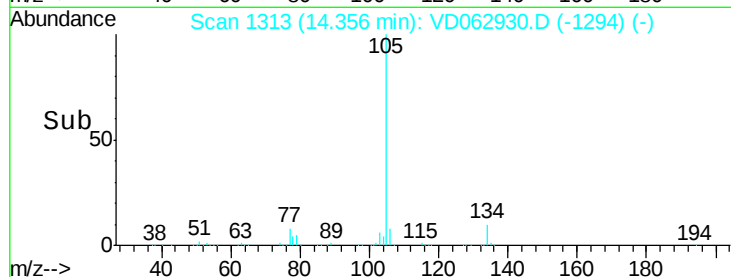
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.375 ug/l

RT: 14.48 min Scan# 1326

Delta R.T. -0.01 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

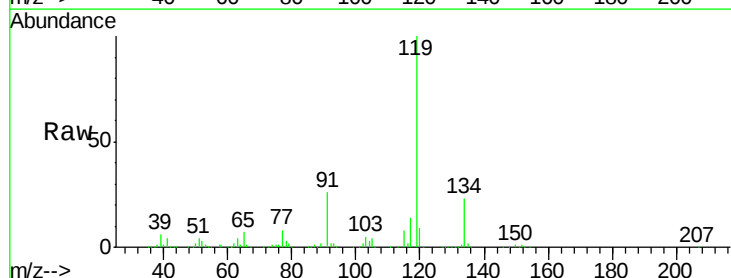
Tgt Ion:119 Resp: 701147

Ion Ratio Lower Upper

119 100

134 23.3 11.1 33.1

91 25.6 14.0 41.9



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

14.48

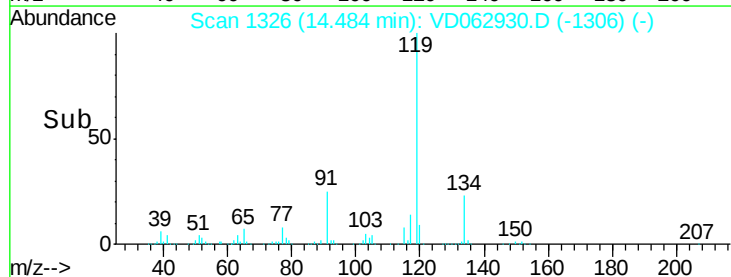
600000

400000

200000

0

Time-->

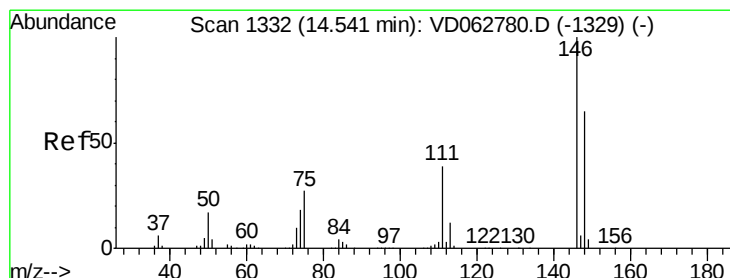
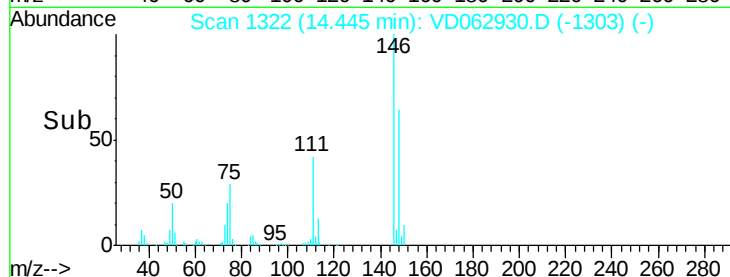
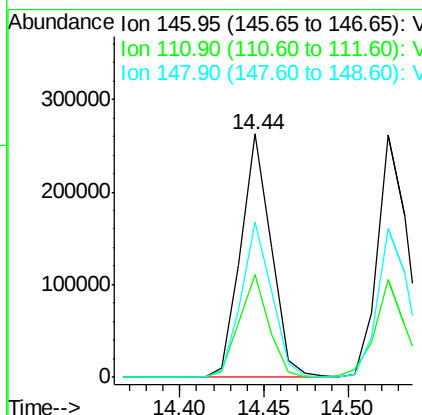
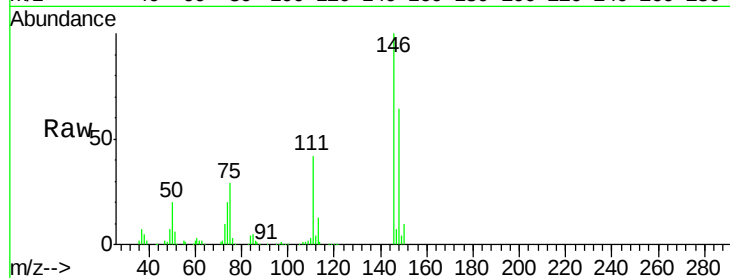




#87  
 1,3-Dichlorobenzene  
 Concen: 19.451 ug/l  
 RT: 14.44 min Scan# 1322  
 Delta R.T. -0.02 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

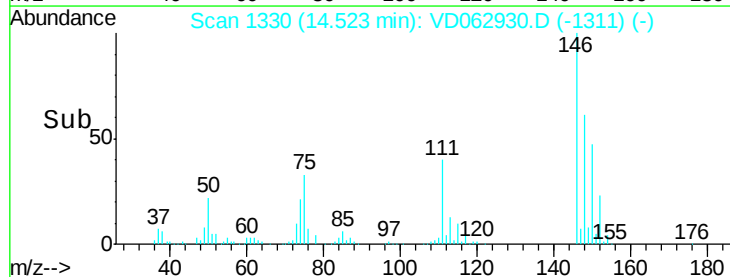
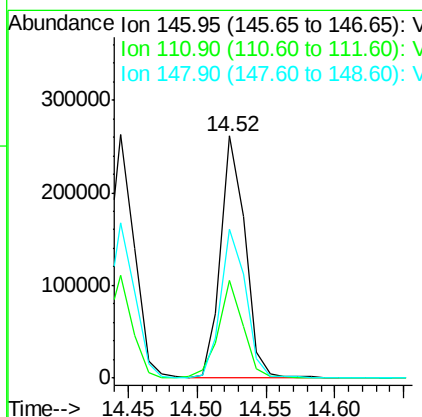
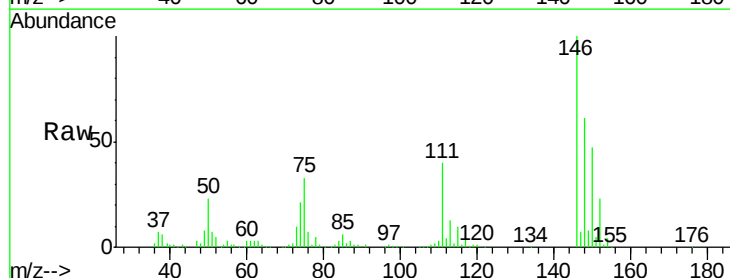
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD02

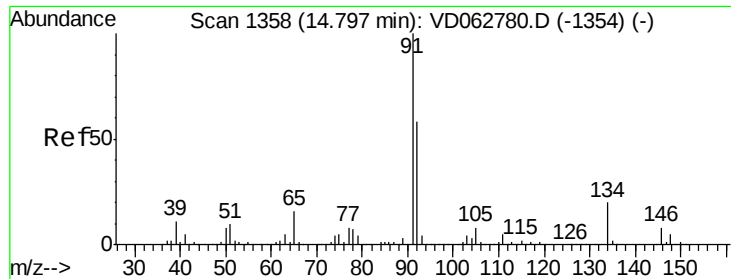
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.3  | 19.0  | 57.0  |
| 148     | 64.0  | 30.8  | 92.3  |



#88  
 1,4-Dichlorobenzene  
 Concen: 18.796 ug/l  
 RT: 14.52 min Scan# 1330  
 Delta R.T. -0.02 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.3  | 19.7  | 59.1  |
| 148     | 61.3  | 32.8  | 98.3  |





#89

n-Butylbenzene

Concen: 18.259 ug/l

RT: 14.79 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD02

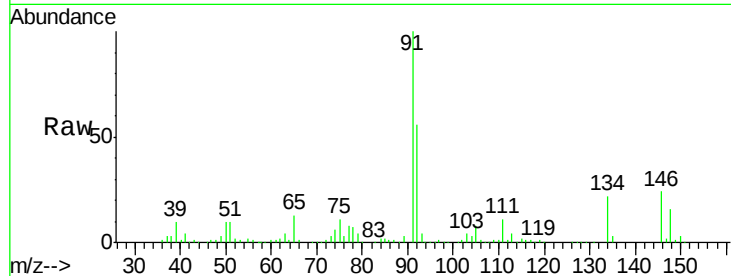
Tot Ion: 91 Resp: 560590

Ion Ratio Lower Upper

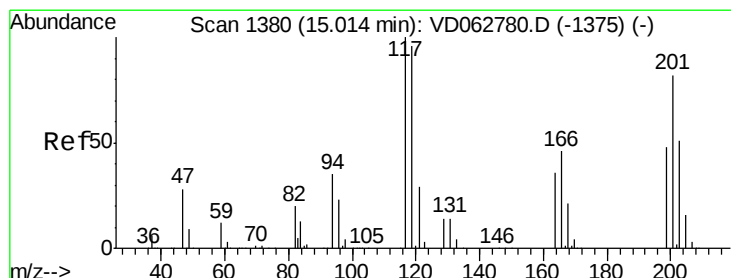
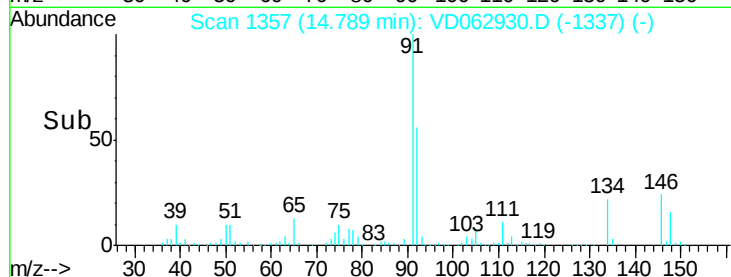
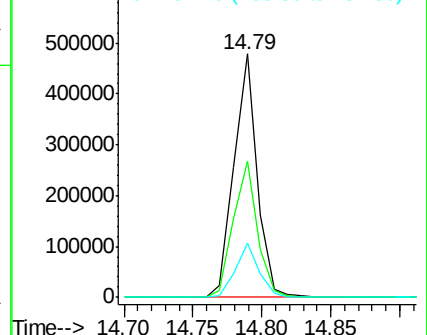
91 100

92 55.9 28.9 86.7

134 22.4 10.1 30.3



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 92.00 (91.70 to 92.70): VDC  
Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 19.403 ug/l

RT: 15.00 min Scan# 1378

Delta R.T. -0.02 min

Lab File: VD062930.D

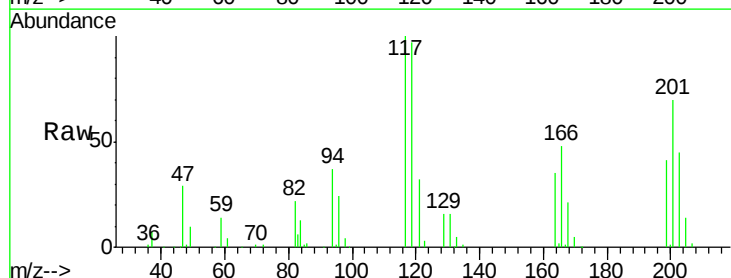
Acq: 27 Jun 2019 14:38

Tgt Ion: 117 Resp: 171126

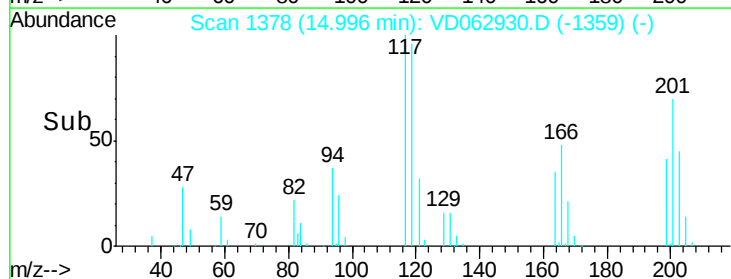
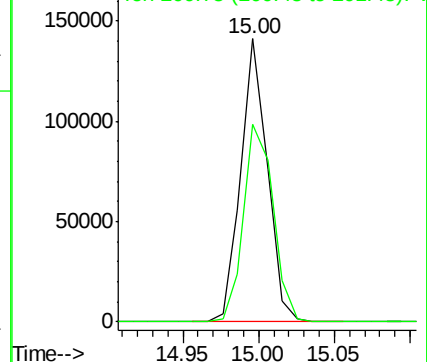
Ion Ratio Lower Upper

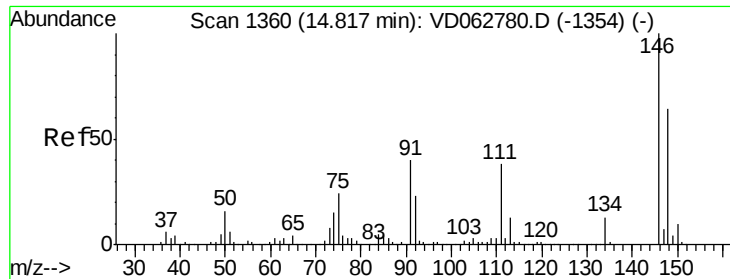
117 100

201 69.9 40.8 122.2



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 200.75 (200.45 to 201.45): V

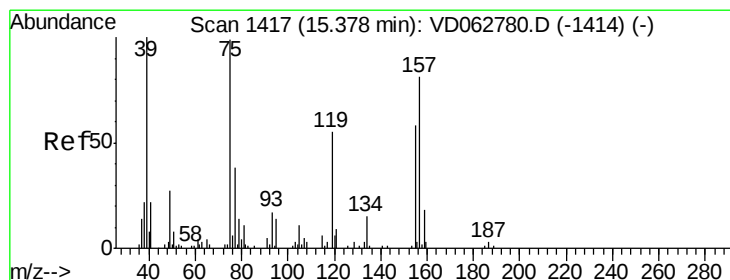
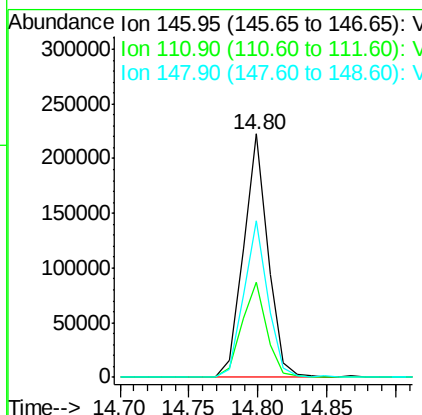
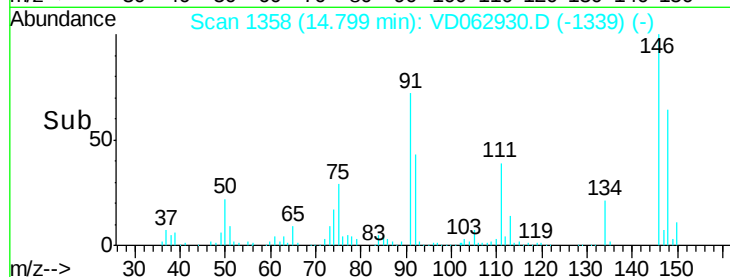
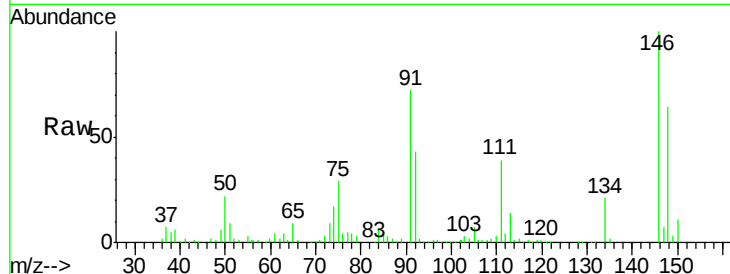




#91  
 1,2-Dichlorobenzene  
 Concen: 19.027 ug/l  
 RT: 14.80 min Scan# 1358  
 Delta R.T. -0.02 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

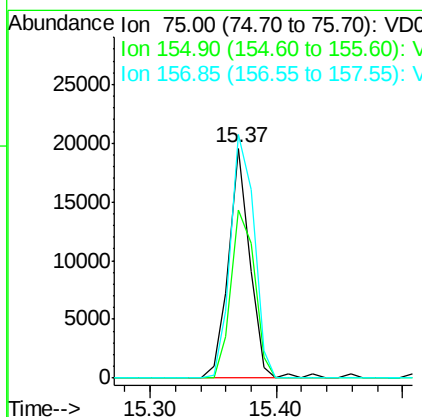
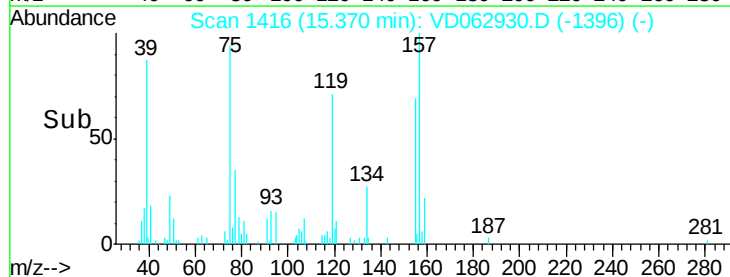
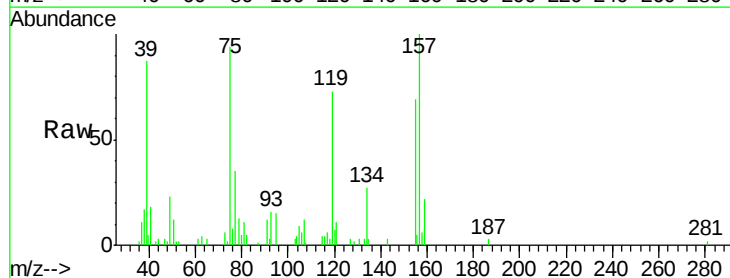
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD02

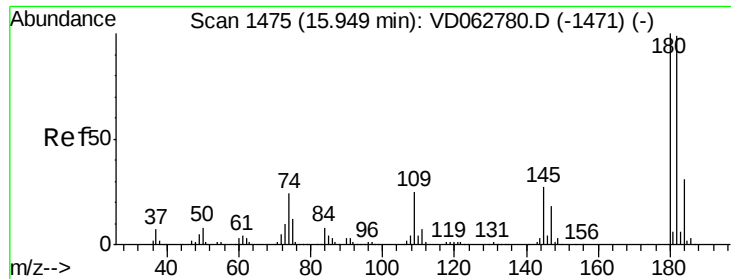
Tot Ion:146 Resp: 276570  
 Ion Ratio Lower Upper  
 146 100  
 111 39.0 19.1 57.1  
 148 64.1 32.3 96.8



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.290 ug/l  
 RT: 15.37 min Scan# 1416  
 Delta R.T. -0.01 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

Tgt Ion: 75 Resp: 22736  
 Ion Ratio Lower Upper  
 75 100  
 155 73.0 29.3 87.8  
 157 106.0 41.3 123.7

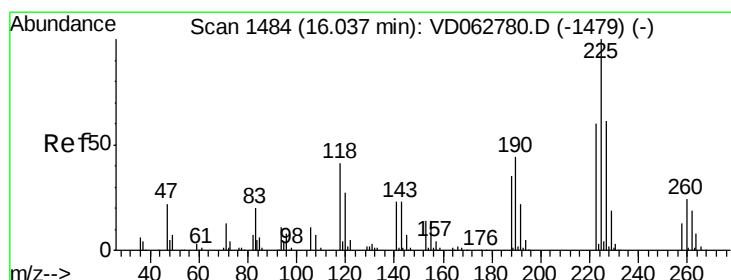
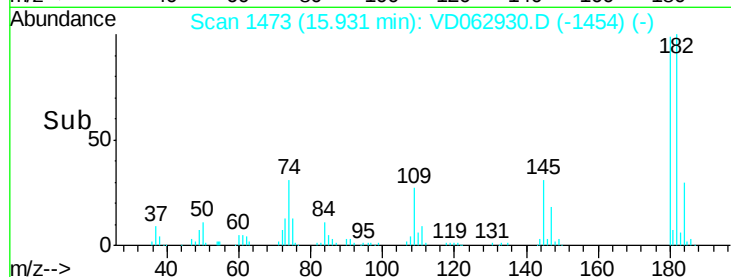
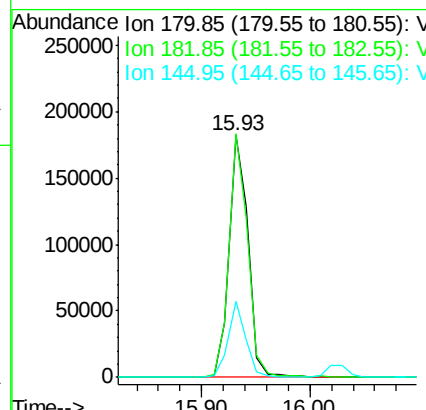
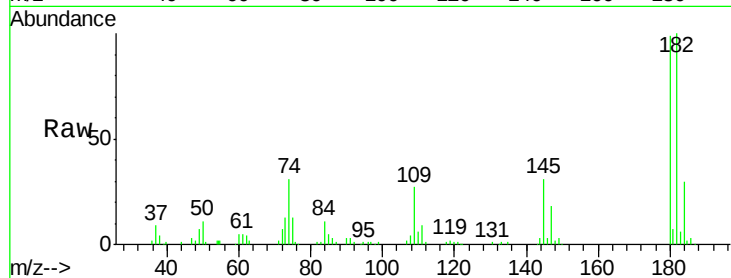




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.589 ug/l  
 RT: 15.93 min Scan# 1473  
 Delta R.T. -0.02 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

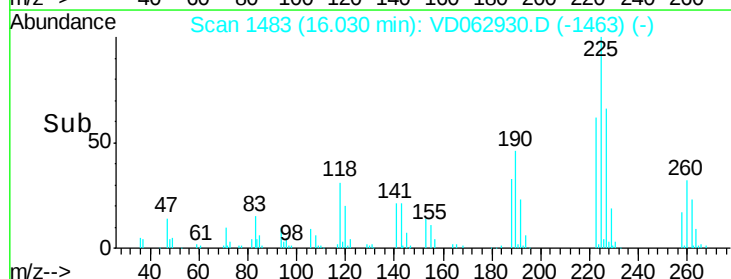
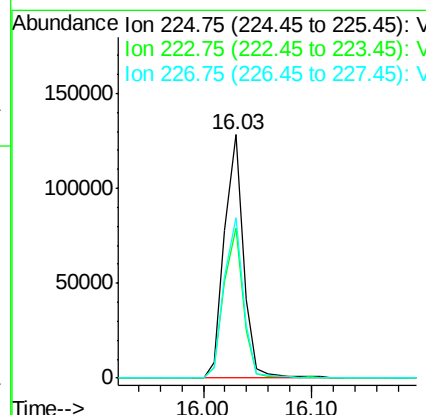
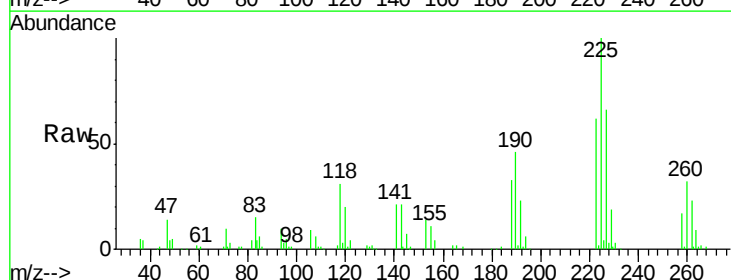
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0627SBSD02

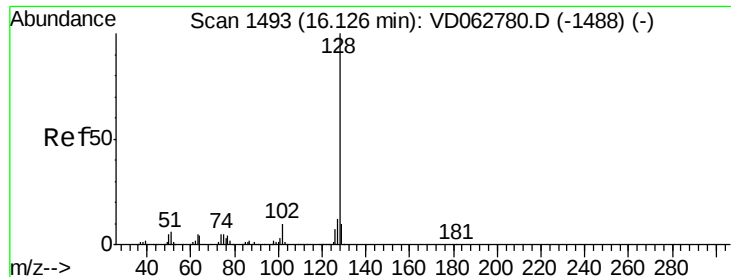
Tot Ion:180 Resp: 222419  
 Ion Ratio Lower Upper  
 180 100  
 182 100.6 49.5 148.5  
 145 31.1 13.7 41.0



#94  
 Hexachlorobutadiene  
 Concen: 18.202 ug/l  
 RT: 16.03 min Scan# 1483  
 Delta R.T. -0.01 min  
 Lab File: VD062930.D  
 Acq: 27 Jun 2019 14:38

Tgt Ion:225 Resp: 157894  
 Ion Ratio Lower Upper  
 225 100  
 223 61.7 29.8 89.5  
 227 66.0 30.6 91.6





#95

Naphthalene

Concen: 19.287 ug/l

RT: 16.11 min Scan# 1491

Delta R.T. -0.02 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0627SBSD02

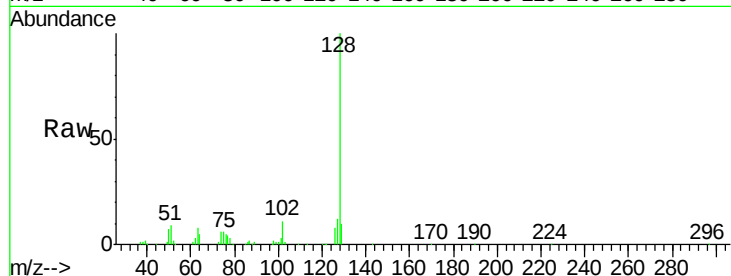
Tot Ion:128 Resp: 306936

Ion Ratio Lower Upper

128 100

127 12.4 9.7 14.5

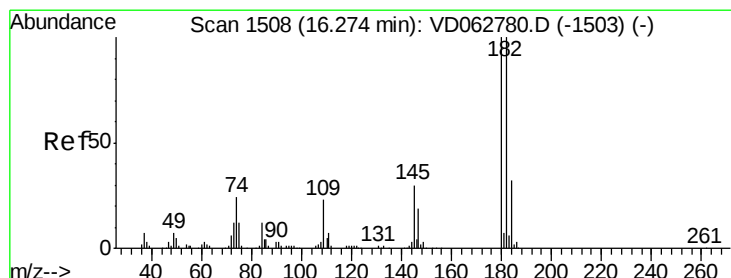
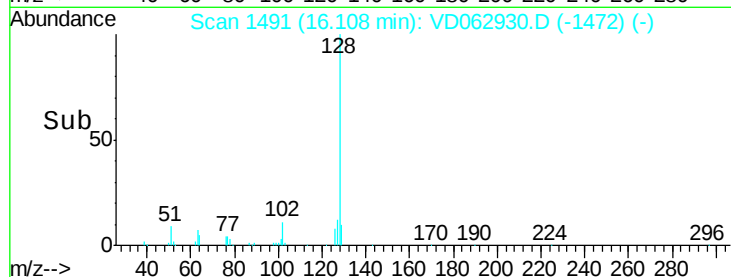
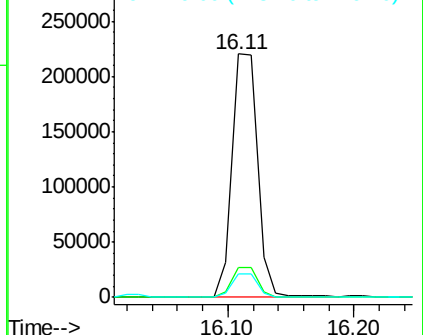
129 9.9 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.428 ug/l

RT: 16.27 min Scan# 1507

Delta R.T. -0.01 min

Lab File: VD062930.D

Acq: 27 Jun 2019 14:38

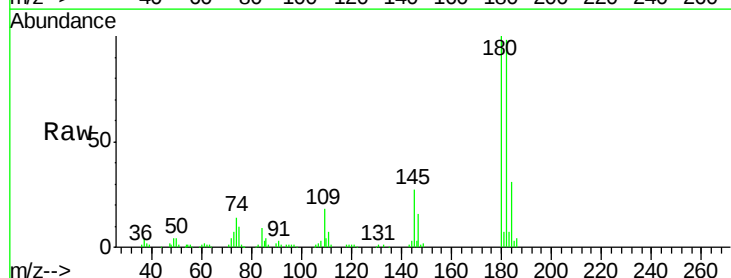
Tgt Ion:180 Resp: 186943

Ion Ratio Lower Upper

180 100

182 97.8 49.9 149.6

145 26.6 15.2 45.5



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

