

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061919\  
 Data File : VD062777.D  
 Acq On : 19 Jun 2019 14:18  
 Operator : VA/AP  
 Sample : VSTDIC005  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Quant Time: Jun 20 01:36:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:31:14 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.05  | 168  | 878641   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.23  | 114  | 1123673  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 945737   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 489956   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |      |        |       |
|-----------------------------|--------|-----|----------|------|--------|-------|
| System Monitoring Compounds |        |     |          |      |        |       |
| 33) 1,2-Dichloroethane-d4   | 7.45   | 65  | 44049    | 4.61 | ug/l   | -0.01 |
| Spiked Amount               | 50.000 |     | Recovery | =    | 9.22%  |       |
| 35) Dibromofluoromethane    | 6.93   | 113 | 47755    | 5.04 | ug/l   | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =    | 10.08% |       |
| 50) Toluene-d8              | 10.41  | 98  | 95561    | 4.63 | ug/l   | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =    | 9.26%  |       |
| 62) 4-Bromofluorobenzene    | 13.56  | 95  | 45054    | 4.80 | ug/l   | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =    | 9.60%  |       |

| Target Compounds              |      |     |        |        | Qvalue    |
|-------------------------------|------|-----|--------|--------|-----------|
| 2) Dichlorodifluoromethane    | 1.57 | 85  | 55226  | 4.852  | ug/l 89   |
| 3) Chloromethane              | 1.74 | 50  | 44756  | 5.229  | ug/l 98   |
| 4) Vinyl Chloride             | 1.85 | 62  | 44928  | 5.294  | ug/l 99   |
| 5) Bromomethane               | 2.15 | 94  | 20520  | 5.163  | ug/l # 93 |
| 6) Chloroethane               | 2.27 | 64  | 20189  | 5.255  | ug/l # 75 |
| 7) Trichlorofluoromethane     | 2.53 | 101 | 90307  | 5.258  | ug/l 92   |
| 8) Diethyl Ether              | 2.87 | 74  | 10922  | 5.005  | ug/l 88   |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101 | 49090  | 5.276  | ug/l 90   |
| 10) Methyl Iodide             | 3.30 | 142 | 53714  | 4.376  | ug/l 87   |
| 11) Tert butyl alcohol        | 4.09 | 59  | 13870  | 31.854 | ug/l # 77 |
| 12) 1,1-Dichloroethene        | 3.13 | 96  | 35857  | 5.137  | ug/l # 93 |
| 13) Acrolein                  | 3.04 | 56  | 13243  | 29.793 | ug/l 94   |
| 14) Allyl chloride            | 3.62 | 41  | 54568  | 5.297  | ug/l 98   |
| 15) Acrylonitrile             | 4.19 | 53  | 25192  | 24.625 | ug/l # 86 |
| 16) Acetone                   | 3.22 | 43  | 81442  | 38.068 | ug/l # 90 |
| 17) Carbon Disulfide          | 3.37 | 76  | 116609 | 5.235  | ug/l 96   |
| 18) Methyl Acetate            | 3.63 | 43  | 15714  | 5.445  | ug/l 98   |
| 19) Methyl tert-butyl Ether   | 4.24 | 73  | 76484  | 5.062  | ug/l # 86 |
| 20) Methylene Chloride        | 3.82 | 84  | 42815  | 5.872  | ug/l 96   |
| 21) trans-1,2-Dichloroethene  | 4.22 | 96  | 39556  | 5.323  | ug/l 87   |
| 22) Diisopropyl ether         | 5.13 | 45  | 103863 | 4.952  | ug/l 92   |
| 23) Vinyl Acetate             | 5.07 | 43  | 315560 | 23.997 | ug/l 98   |
| 24) 1,1-Dichloroethane        | 4.98 | 63  | 69827  | 5.114  | ug/l 98   |
| 25) 2-Butanone                | 6.07 | 43  | 40912  | 22.883 | ug/l 98   |
| 26) 2,2-Dichloropropane       | 6.02 | 77  | 73940  | 5.108  | ug/l 92   |
| 27) cis-1,2-Dichloroethene    | 6.04 | 96  | 42394  | 5.394  | ug/l 96   |
| 28) Bromochloromethane        | 6.45 | 49  | 21589  | 4.489  | ug/l 91   |
| 29) Tetrahydrofuran           | 6.47 | 42  | 22046  | 26.061 | ug/l 96   |
| 30) Chloroform                | 6.67 | 83  | 87781  | 5.286  | ug/l 90   |
| 31) Cyclohexane               | 6.96 | 56  | 45332  | 5.050  | ug/l # 87 |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97  | 85281  | 4.930  | ug/l 89   |
| 36) 1,1-Dichloropropene       | 7.15 | 75  | 54057  | 5.082  | ug/l # 93 |
| 37) Ethyl Acetate             | 6.18 | 43  | 34804  | 7.145  | ug/l # 63 |
| 38) Carbon Tetrachloride      | 7.10 | 117 | 87538  | 5.373  | ug/l 90   |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061919\  
 Data File : VD062777.D  
 Acq On : 19 Jun 2019 14:18  
 Operator : VA/AP  
 Sample : VSTDIC005  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Quant Time: Jun 20 01:36:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:31:14 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 8.88  | 83   | 49454    | 5.282  | ug/l   | 98       |
| 40) Benzene                    | 7.45  | 78   | 111081   | 5.202  | ug/l   | 97       |
| 41) Methacrylonitrile          | 6.46  | 41   | 31462    | 5.609  | ug/l # | 94       |
| 42) 1,2-Dichloroethane         | 7.59  | 62   | 57471    | 4.934  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 9.24  | 43   | 27008    | 4.843  | ug/l # | 84       |
| 44) Trichloroethene            | 8.54  | 130  | 44745    | 5.345  | ug/l   | 90       |
| 45) 1,2-Dichloropropane        | 8.95  | 63   | 29023    | 5.466  | ug/l   | 89       |
| 46) Dibromomethane             | 9.07  | 93   | 24850    | 5.449  | ug/l # | 84       |
| 47) Bromodichloromethane       | 9.38  | 83   | 58040    | 4.900  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.12  | 41   | 21436    | 5.409  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.12  | 88   | 880      | 26.690 | ug/l # | 67       |
| 51) 4-Methyl-2-Pentanone       | 10.30 | 43   | 103782   | 26.248 | ug/l   | 99       |
| 52) Toluene                    | 10.51 | 92   | 82663    | 5.759  | ug/l   | 91       |
| 53) t-1,3-Dichloropropene      | 10.92 | 75   | 45401    | 4.683  | ug/l # | 84       |
| 54) cis-1,3-Dichloropropene    | 10.05 | 75   | 52302    | 4.963  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane      | 11.19 | 97   | 27524    | 5.582  | ug/l # | 85       |
| 56) Ethyl methacrylate         | 11.04 | 69   | 28193    | 5.350  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 11.41 | 76   | 40121    | 5.314  | ug/l # | 87       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 71826    | 26.549 | ug/l   | 92       |
| 59) 2-Hexanone                 | 11.53 | 43   | 74762    | 26.550 | ug/l   | 91       |
| 60) Dibromochloromethane       | 11.69 | 129  | 43773    | 4.766  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.81 | 107  | 28430    | 4.882  | ug/l # | 75       |
| 64) Tetrachloroethene          | 11.26 | 164  | 44415    | 5.706  | ug/l   | 97       |
| 65) Chlorobenzene              | 12.40 | 112  | 94542    | 5.386  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.52 | 131  | 42340    | 5.158  | ug/l   | 83       |
| 67) Ethyl Benzene              | 12.53 | 91   | 174359   | 5.533  | ug/l   | 98       |
| 68) m/p-Xylenes                | 12.67 | 106  | 111568   | 10.165 | ug/l   | 98       |
| 69) o-Xylene                   | 13.05 | 106  | 50780    | 5.061  | ug/l   | 91       |
| 70) Styrene                    | 13.08 | 104  | 94597    | 5.368  | ug/l   | 90       |
| 71) Bromoform                  | 13.24 | 173  | 27221    | 4.840  | ug/l   | 97       |
| 73) Isopropylbenzene           | 13.41 | 105  | 179127   | 5.702  | ug/l   | 99       |
| 74) N-amyl acetate             | 13.27 | 43   | 40757    | 5.342  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 29336    | 5.731  | ug/l   | 93       |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 33031    | 5.840  | ug/l   | 92       |
| 77) Bromobenzene               | 13.67 | 156  | 49008    | 5.800  | ug/l   | 96       |
| 78) n-propylbenzene            | 13.78 | 91   | 209491   | 5.729  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 119720   | 5.735  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 151529   | 5.742  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 6816     | 4.598  | ug/l # | 60       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 142199   | 5.653  | ug/l   | 94       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 170760   | 5.806  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 158823   | 5.872  | ug/l   | 91       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 192865   | 6.033  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 14.50 | 119  | 167015   | 5.711  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 87538    | 5.779  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 82935    | 5.451  | ug/l   | 97       |
| 89) n-Butylbenzene             | 14.80 | 91   | 159627   | 5.832  | ug/l   | 99       |
| 90) Hexachloroethane           | 15.01 | 117  | 42779    | 5.440  | ug/l   | 85       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 75572    | 5.832  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 4277     | 4.281  | ug/l # | 49       |

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Data File : VD062777.D  
Acq On : 19 Jun 2019 14:18  
Operator : VA/AP  
Sample : VSTDICC005  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 3 Sample Multiplier: 1

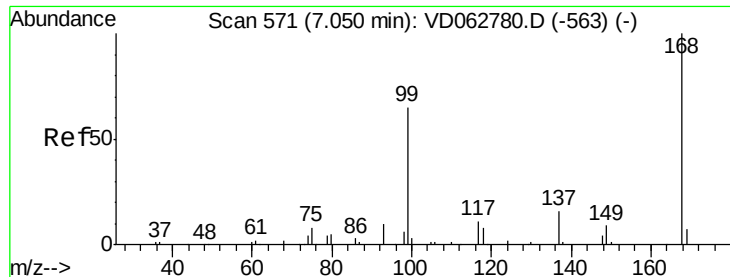
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

Quant Time: Jun 20 01:36:22 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 20 01:31:14 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|-------|------|----------|-------|--------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180  | 55324    | 5.465 | ug/l   | 94       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 45930    | 5.939 | ug/l   | 97       |
| 95) Naphthalene            | 16.12 | 128  | 76120    | 5.365 | ug/l # | 96       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 42382    | 5.449 | ug/l   | 89       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

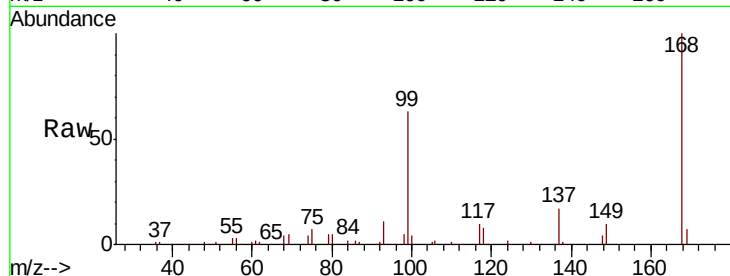
VSTDIC005

Tot Ion:168 Resp: 878641

Ion Ratio Lower Upper

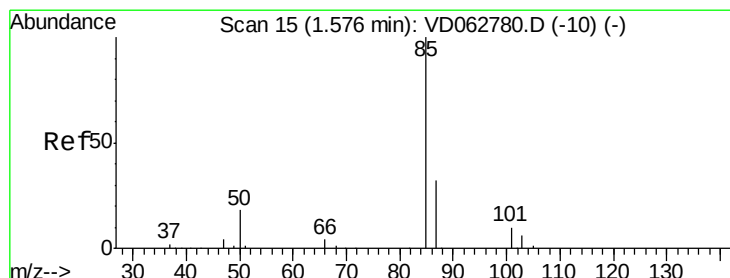
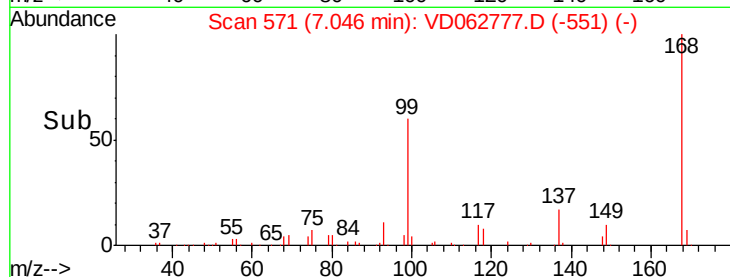
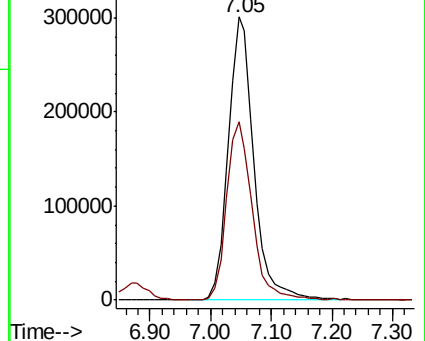
168 100

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: 4.852 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.00 min

Lab File: VD062777.D

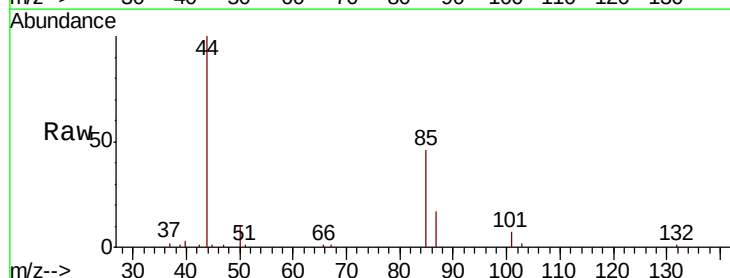
Acq: 19 Jun 2019 14:18

Tgt Ion: 85 Resp: 55226

Ion Ratio Lower Upper

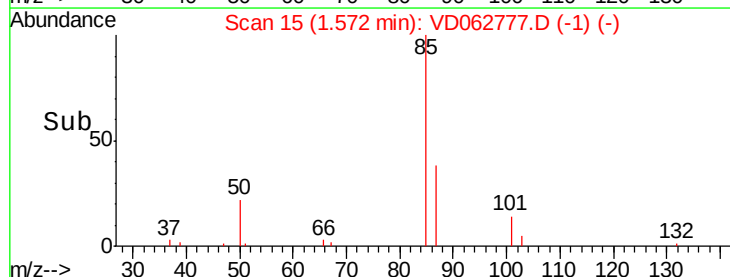
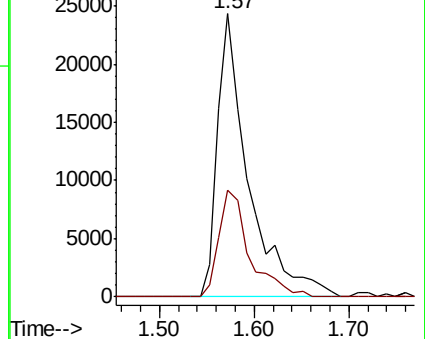
85 100

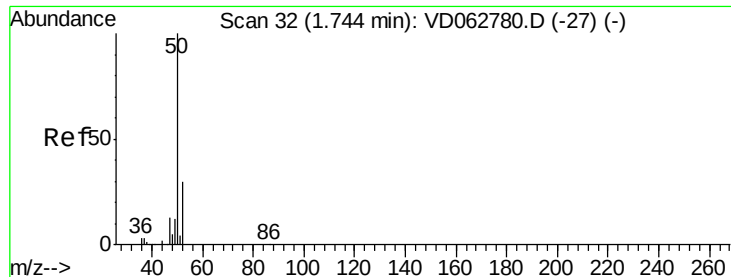
87 37.6 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 5.229 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

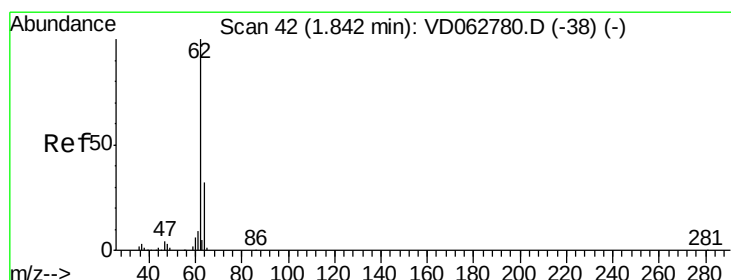
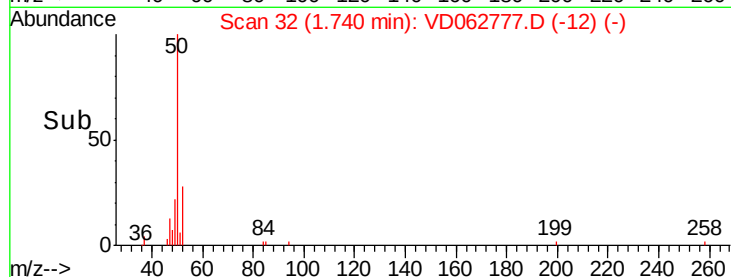
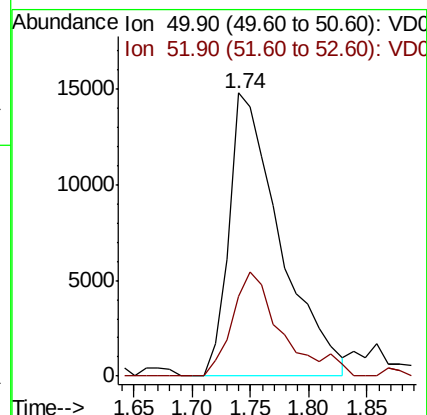
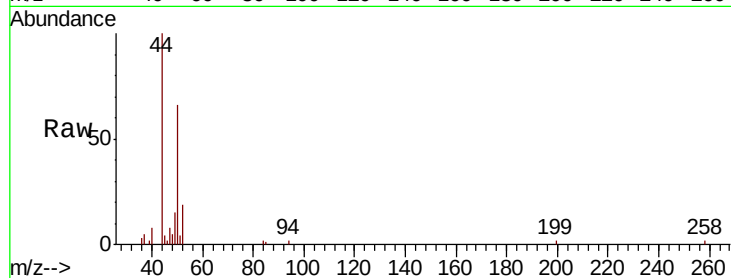
VSTDIC005

Tot Ion: 50 Resp: 44756

Ion Ratio Lower Upper

50 100

52 28.2 23.6 35.4



#4

Vinyl Chloride

Concen: 5.294 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.01 min

Lab File: VD062777.D

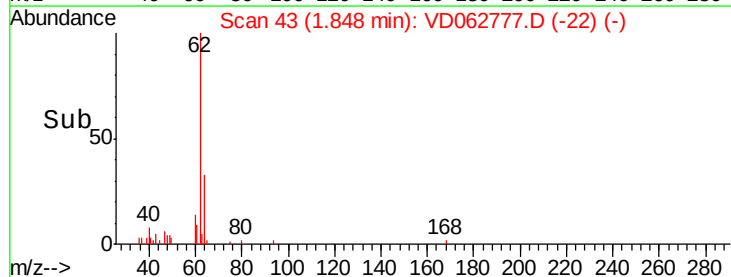
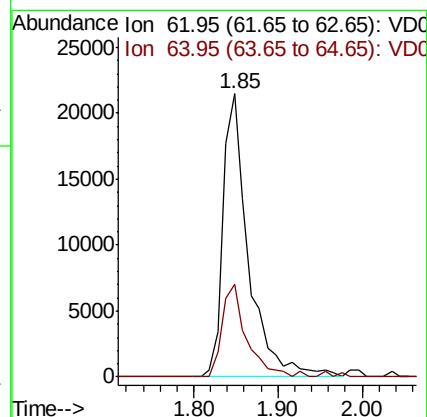
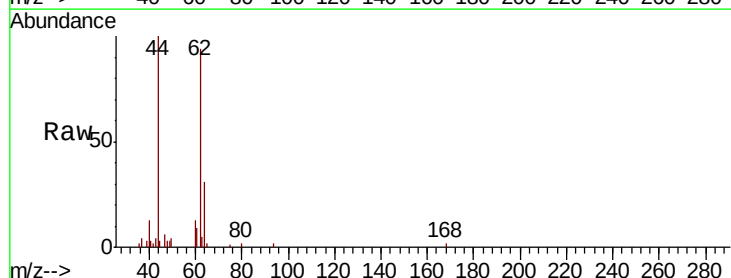
Acq: 19 Jun 2019 14:18

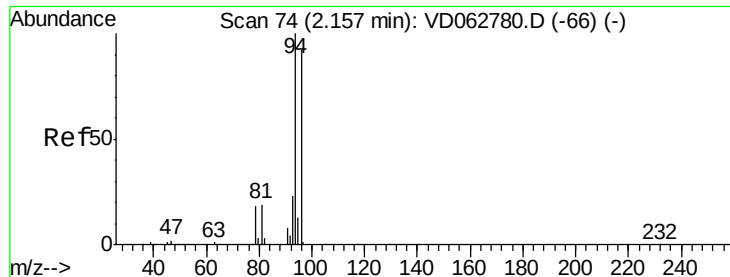
Tgt Ion: 62 Resp: 44928

Ion Ratio Lower Upper

62 100

64 32.8 25.6 38.4





#5

Bromomethane

Concen: 5.163 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

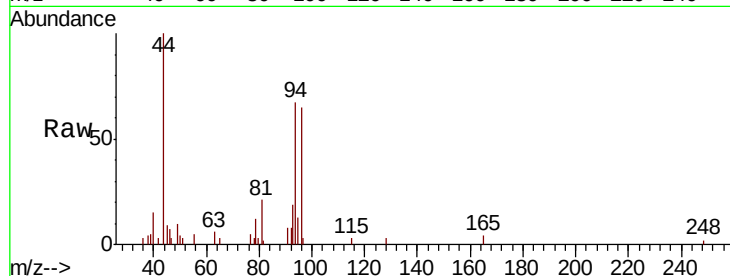
Tot Ion: 94 Resp: 20520

Ion Ratio Lower Upper

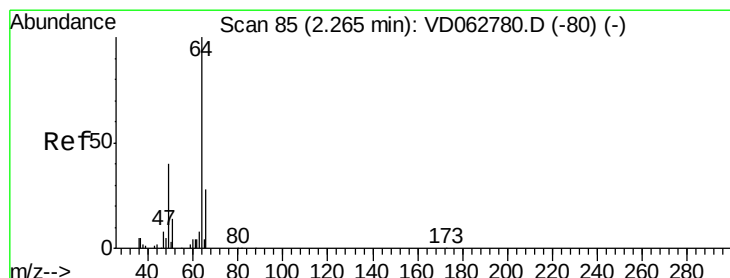
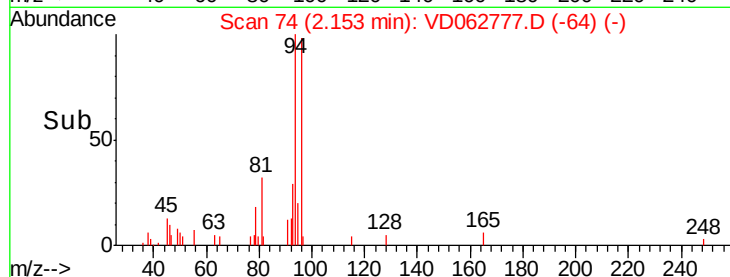
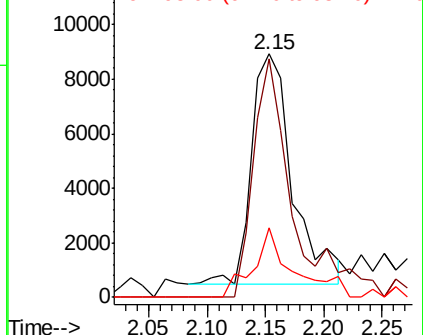
94 100

96 97.8 73.4 110.2

93 28.6 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: 5.255 ug/l

RT: 2.27 min Scan# 86

Delta R.T. 0.01 min

Lab File: VD062777.D

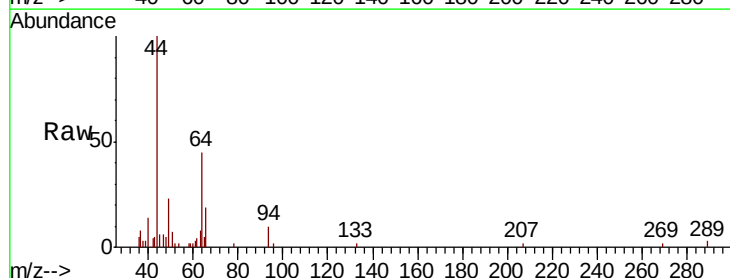
Acq: 19 Jun 2019 14:18

Tgt Ion: 64 Resp: 20189

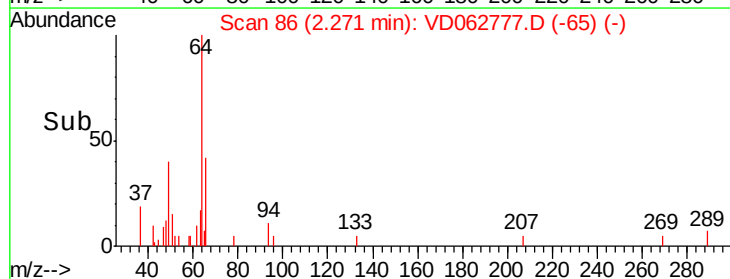
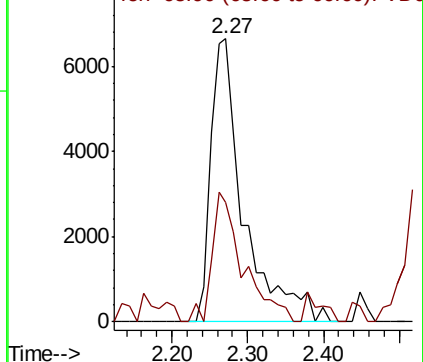
Ion Ratio Lower Upper

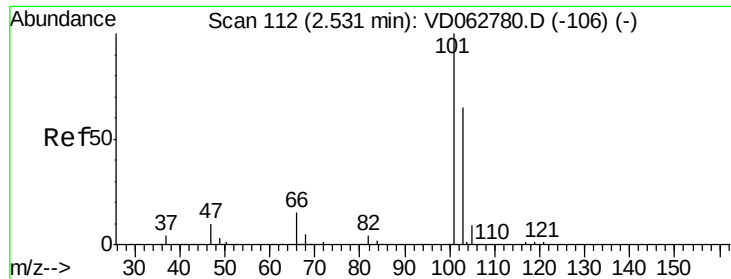
64 100

66 42.1 23.0 34.4#



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



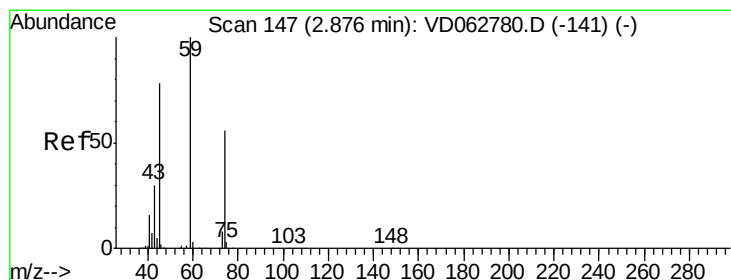
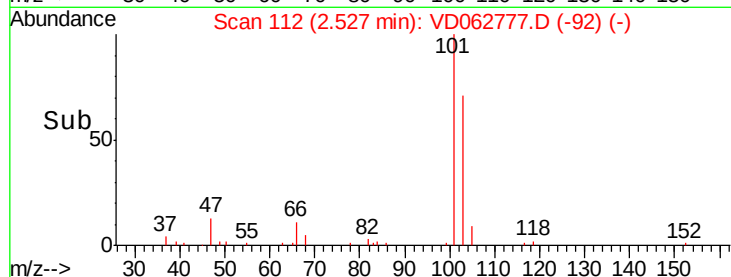
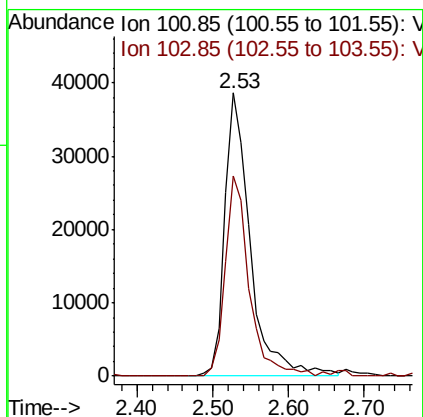
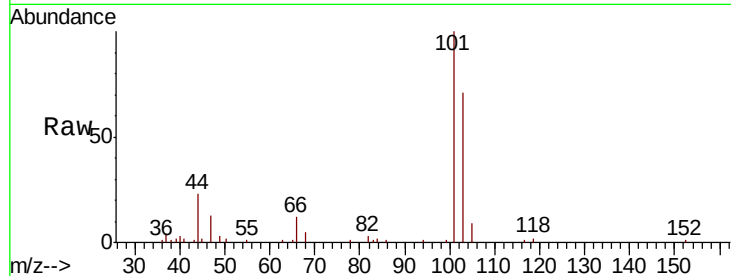


#7

Trichlorofluoromethane  
 Concen: 5.258 ug/l  
 RT: 2.53 min Scan# 112  
 Delta R.T. -0.00 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

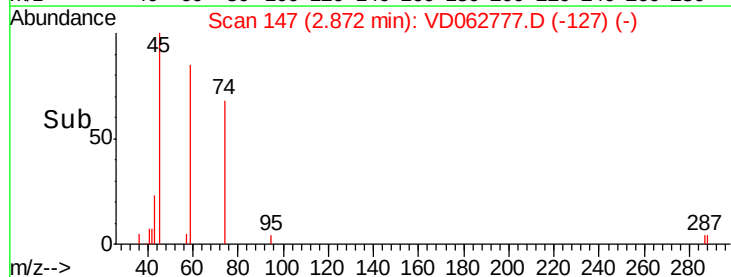
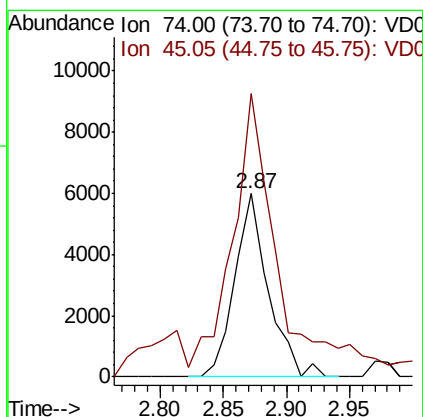
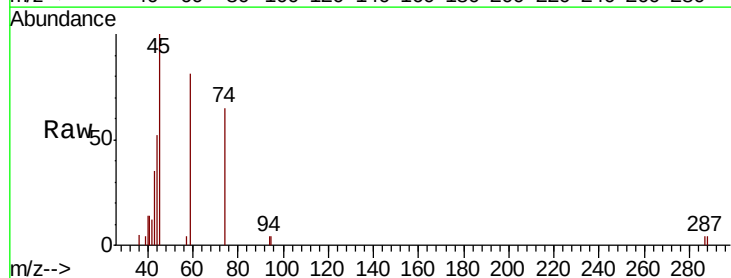
Tot Ion:101 Resp: 90307  
 Ion Ratio Lower Upper  
 101 100  
 103 70.7 51.8 77.8



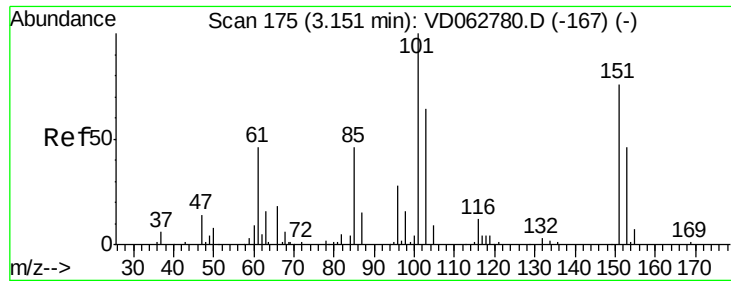
#8

Diethyl Ether  
 Concen: 5.005 ug/l  
 RT: 2.87 min Scan# 147  
 Delta R.T. -0.00 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

Tgt Ion: 74 Resp: 10922  
 Ion Ratio Lower Upper  
 74 100  
 45 154.5 70.2 210.6







#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.276 ug/l

RT: 3.15 min Scan# 175

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

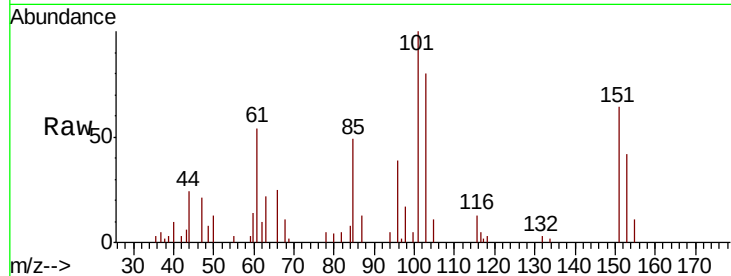
Tot Ion:101 Resp: 49090

Ion Ratio Lower Upper

101 100

85 48.7 37.0 55.4

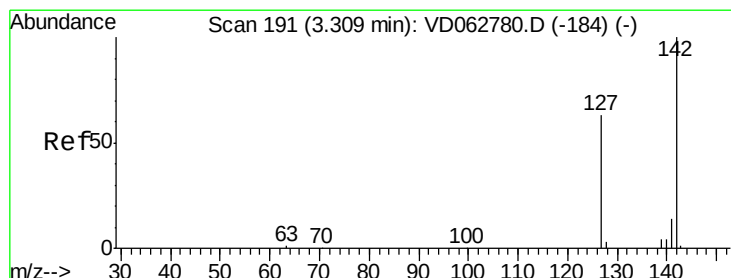
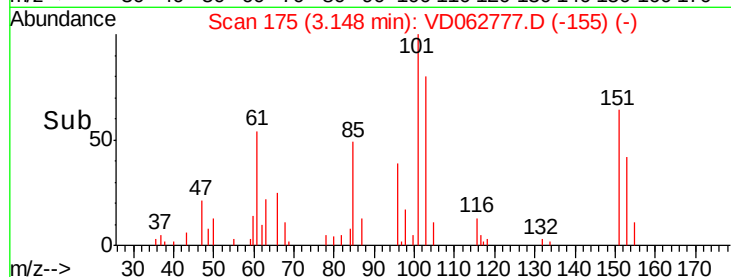
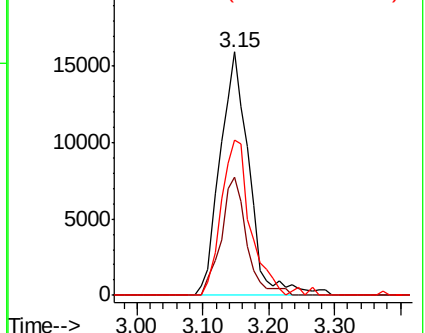
151 63.8 60.5 90.7



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: 4.376 ug/l

RT: 3.30 min Scan# 190

Delta R.T. -0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

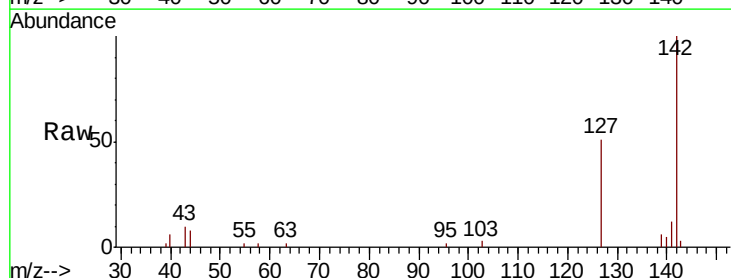
Tgt Ion:142 Resp: 53714

Ion Ratio Lower Upper

142 100

127 51.5 50.1 75.1

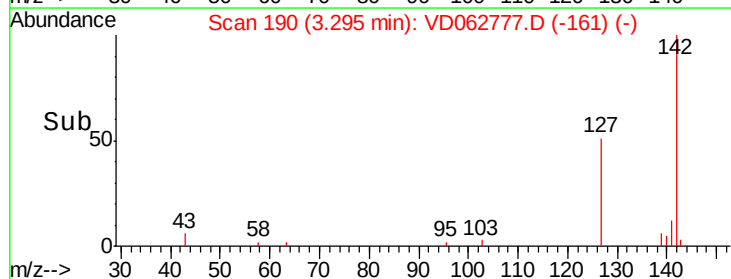
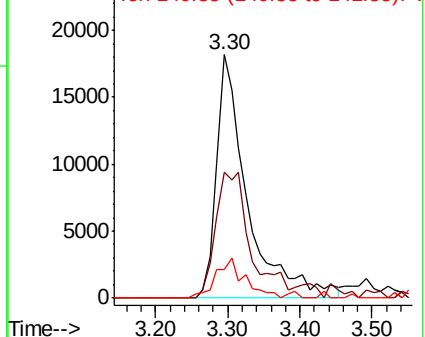
141 11.8 11.0 16.4

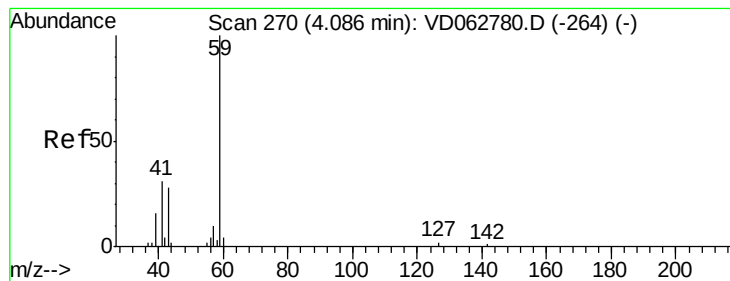


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 31.854 ug/l

RT: 4.09 min Scan# 271

Delta R.T. 0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

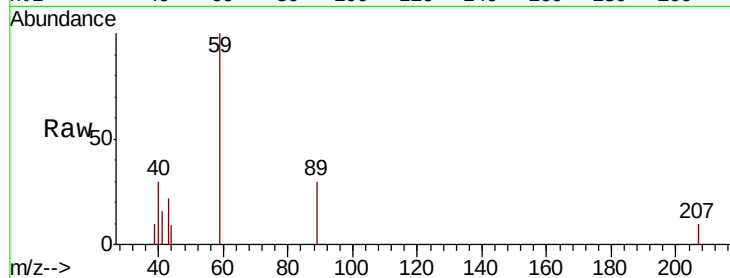
VSTDIC005

Tot Ion: 59 Resp: 13870

Ion Ratio Lower Upper

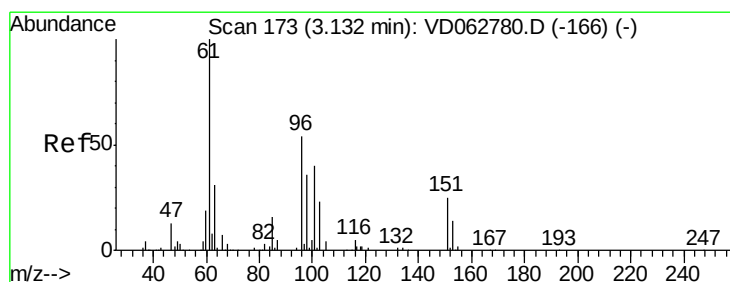
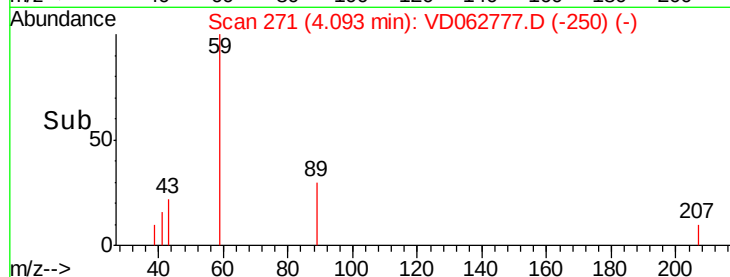
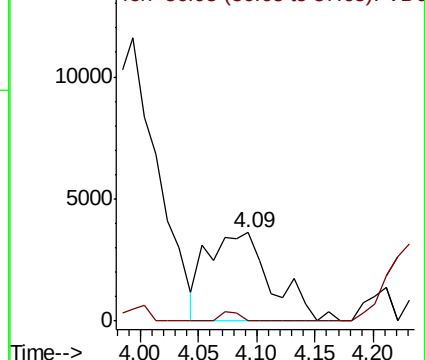
59 100

57 0.0 6.6 10.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#12

1,1-Dichloroethene

Concen: 5.137 ug/l

RT: 3.13 min Scan# 173

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

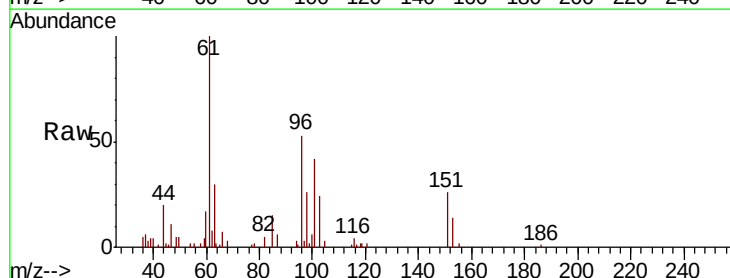
Tgt Ion: 96 Resp: 35857

Ion Ratio Lower Upper

96 100

61 187.7 147.1 220.7

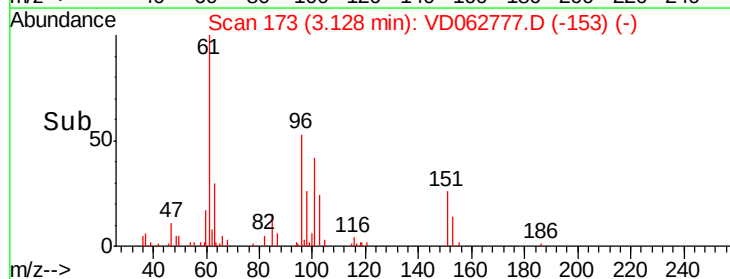
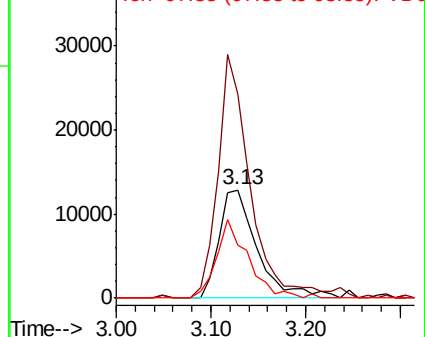
98 49.1 52.6 79.0#

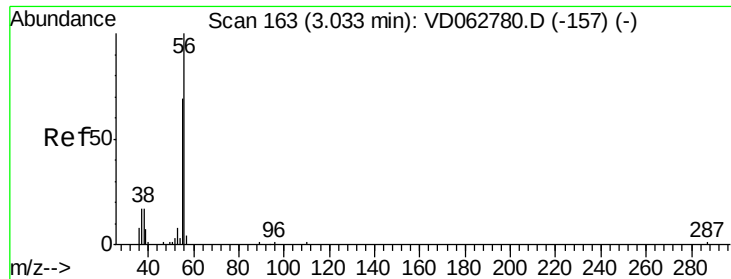


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 29.793 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

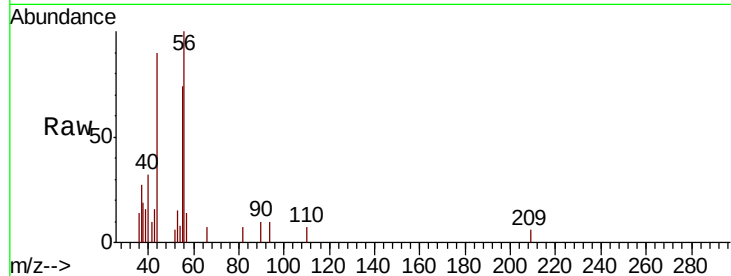
VSTDIC005

Tot Ion: 56 Resp: 13243

Ion Ratio Lower Upper

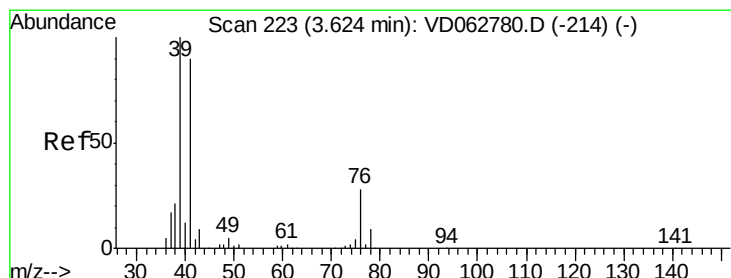
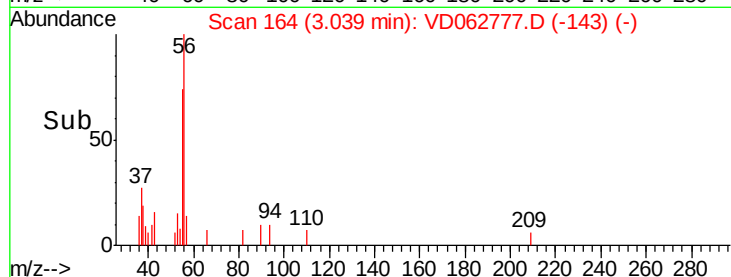
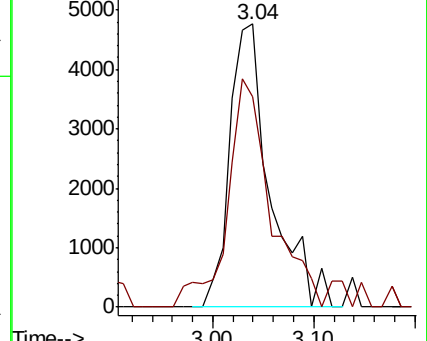
56 100

55 74.4 55.4 83.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 5.297 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

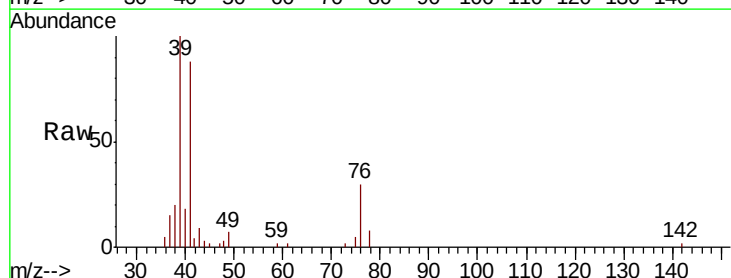
Tgt Ion: 41 Resp: 54568

Ion Ratio Lower Upper

41 100

39 108.6 88.8 133.2

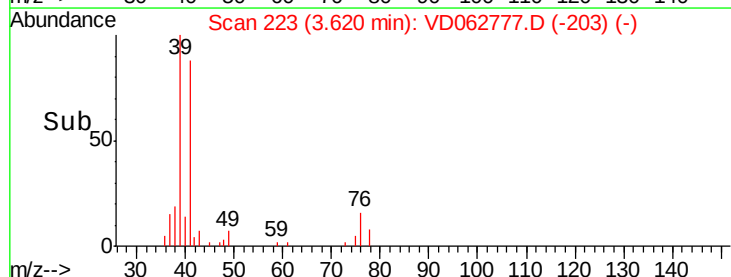
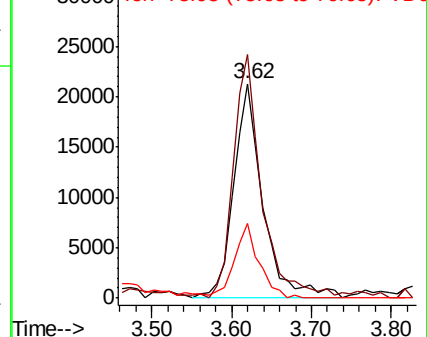
76 33.1 26.7 40.1

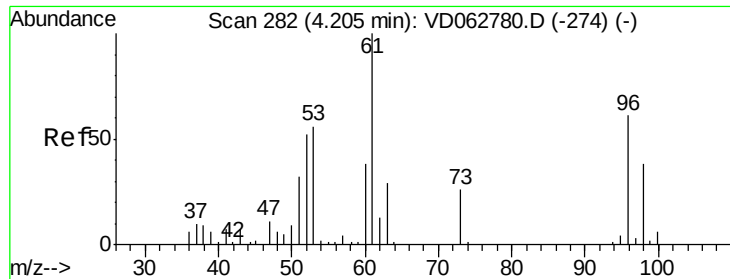


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 24.625 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleID :

VSTDIC005

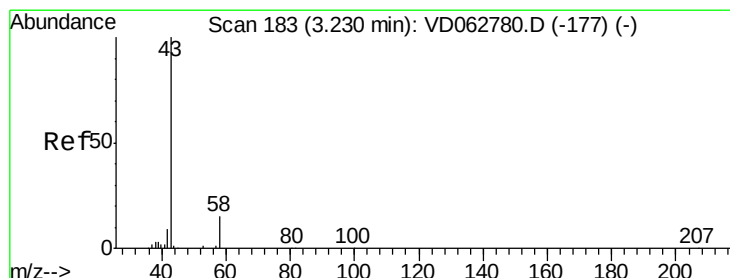
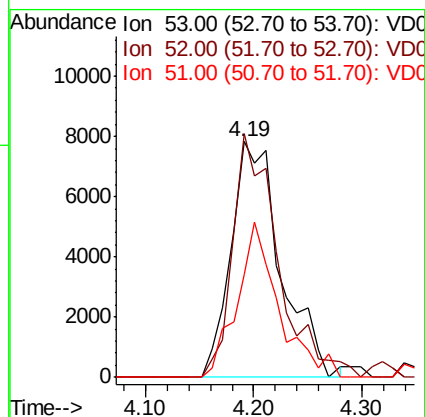
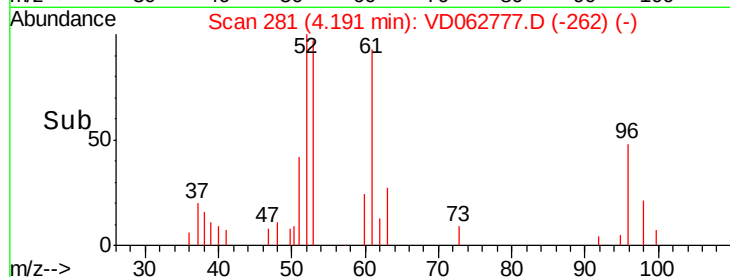
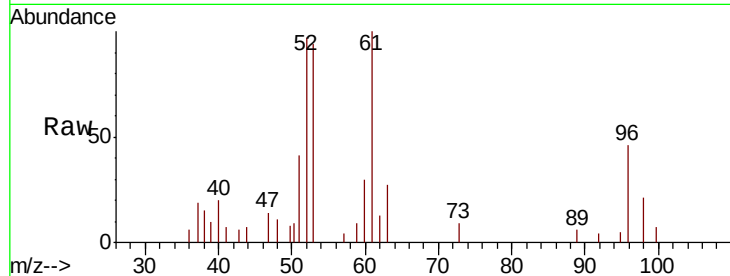
Tot Ion: 53 Resp: 25192

Ion Ratio Lower Upper

53 100

52 103.2 73.3 109.9

51 43.8 44.8 67.2#



#16

Acetone

Concen: 38.068 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062777.D

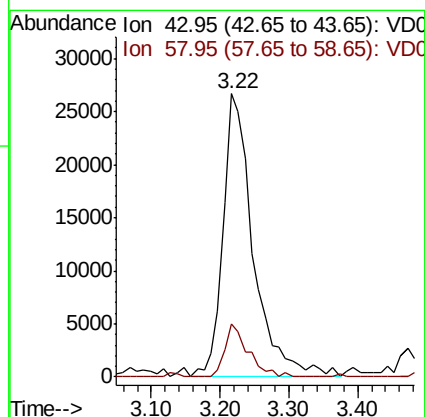
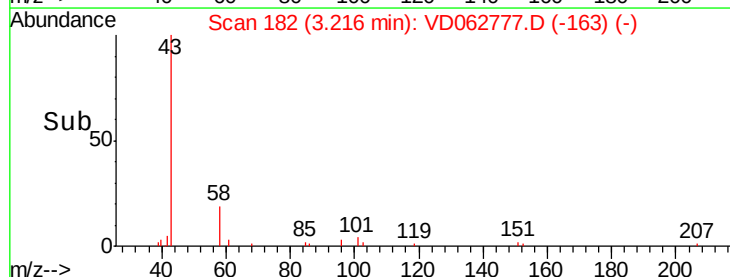
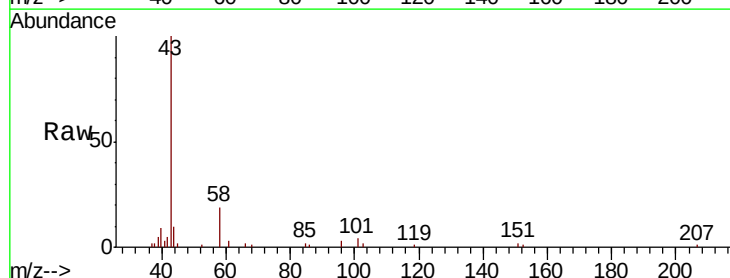
Acq: 19 Jun 2019 14:18

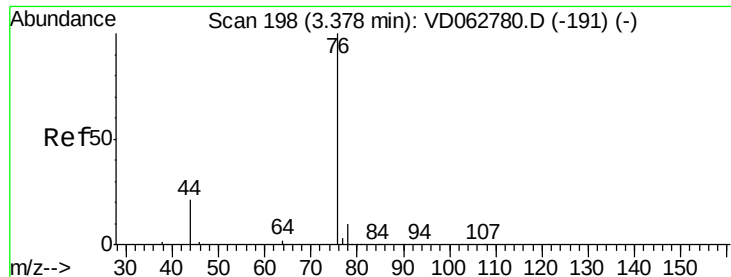
Tgt Ion: 43 Resp: 81442

Ion Ratio Lower Upper

43 100

58 18.9 11.9 17.9#

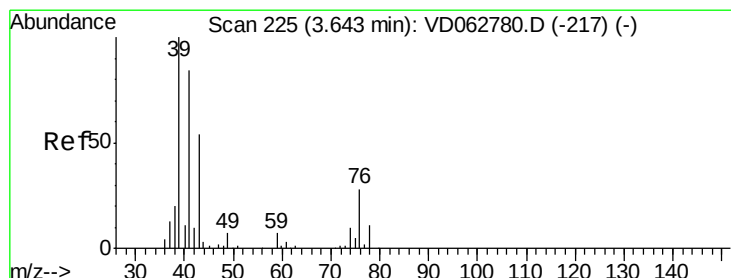
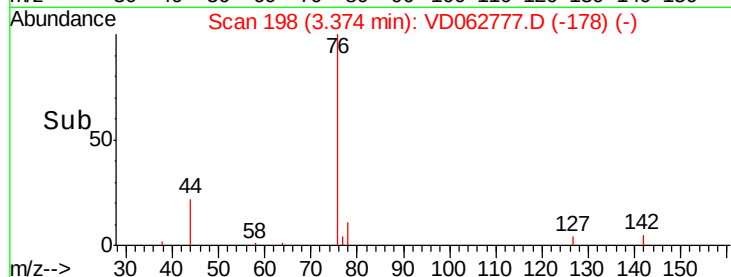
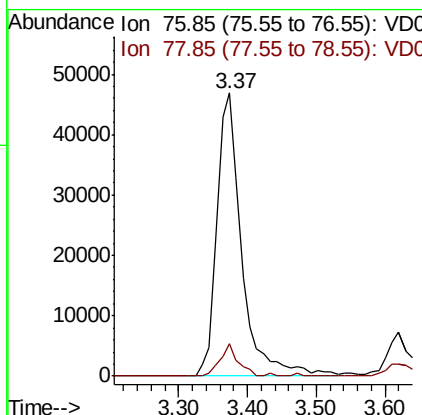
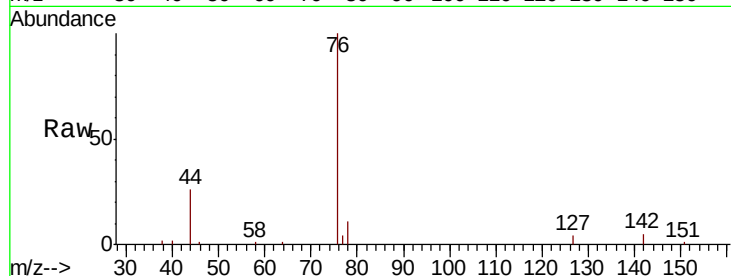




#17  
Carbon Disulfide  
Concen: 5.235 ug/l  
RT: 3.37 min Scan# 198  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

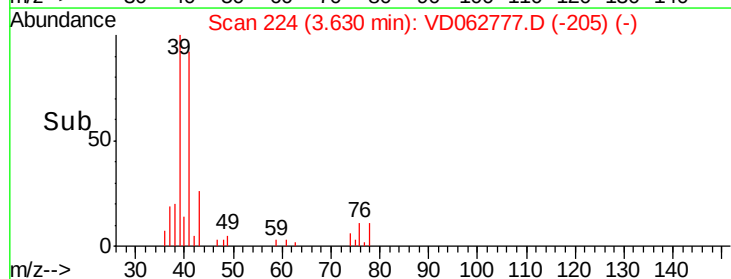
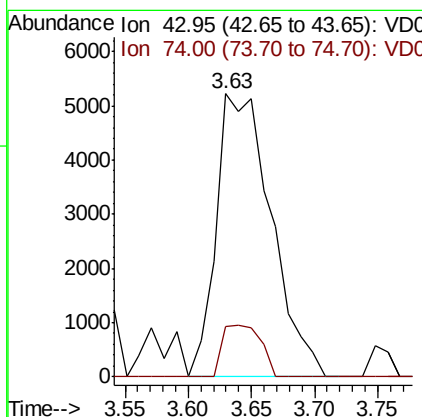
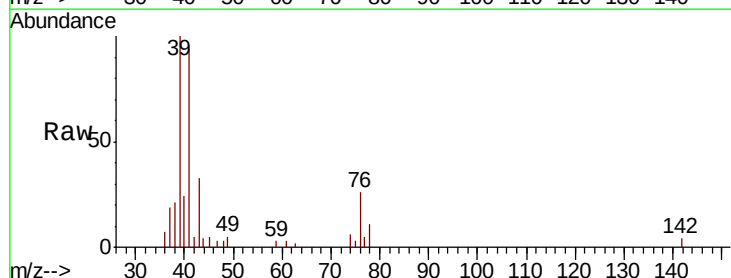
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

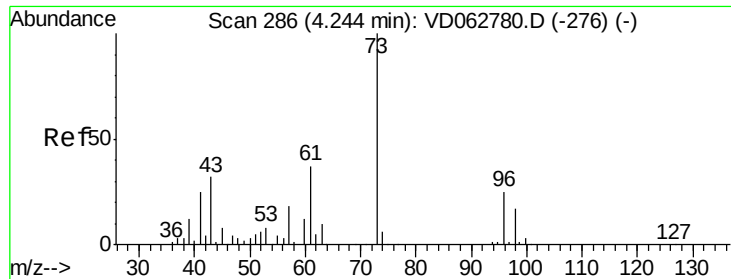
Tot Ion: 76 Resp: 116609  
Ion Ratio Lower Upper  
76 100  
78 11.5 8.0 12.0



#18  
Methyl Acetate  
Concen: 5.445 ug/l  
RT: 3.63 min Scan# 224  
Delta R.T. -0.01 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Tgt Ion: 43 Resp: 15714  
Ion Ratio Lower Upper  
43 100  
74 17.9 15.2 22.8

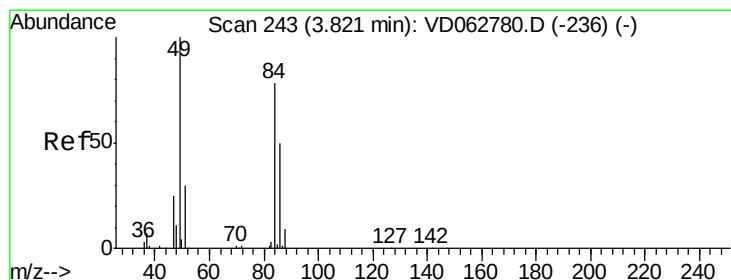
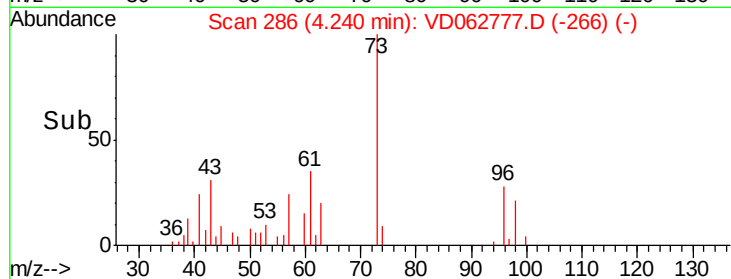
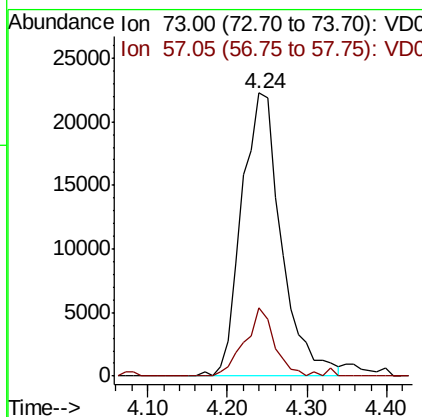
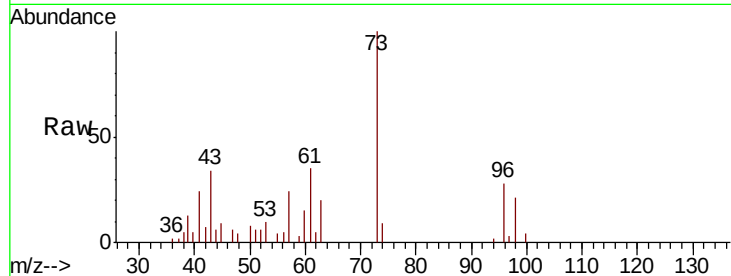




#19  
Methvl tert-butyl Ether  
Concen: 5.062 ug/l  
RT: 4.24 min Scan# 286  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

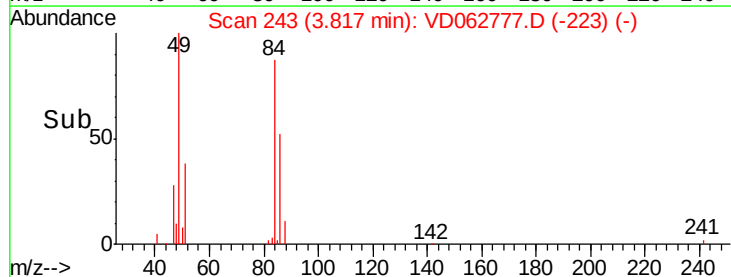
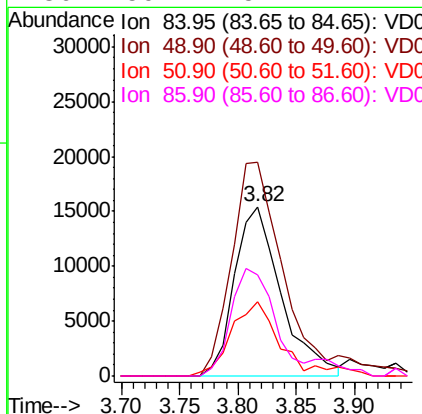
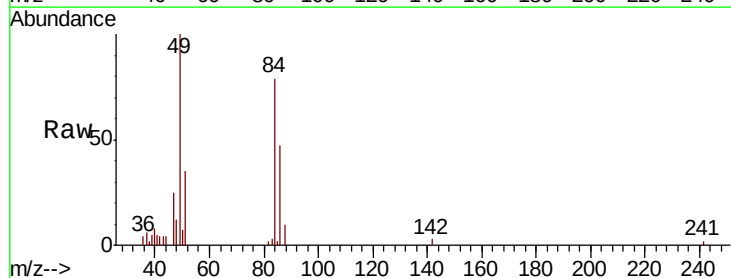
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

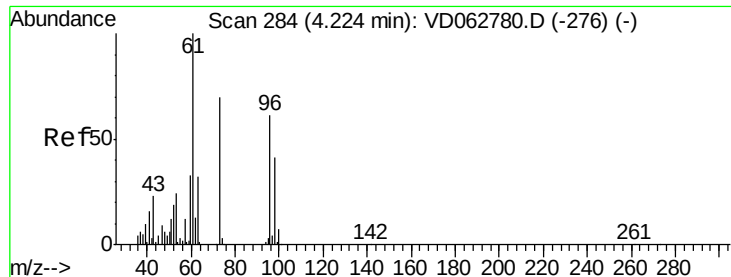
Tot Ion: 73 Resp: 76484  
Ion Ratio Lower Upper  
73 100  
57 24.2 14.3 21.5#



#20  
Methylene Chloride  
Concen: 5.872 ug/l  
RT: 3.82 min Scan# 243  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Tgt Ion: 84 Resp: 42815  
Ion Ratio Lower Upper  
84 100  
49 126.0 102.9 154.3  
51 44.0 31.2 46.8  
86 59.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 5.323 ug/l

RT: 4.22 min Scan# 284

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

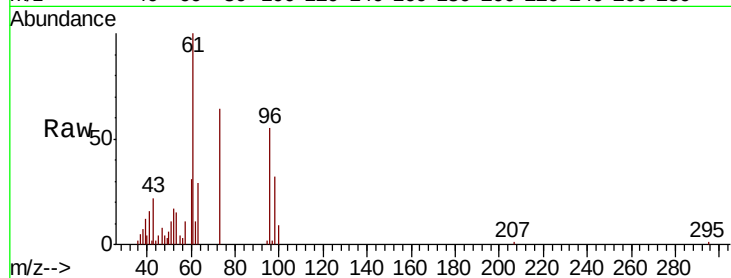
Tot Ion: 96 Resp: 39556

Ion Ratio Lower Upper

96 100

61 181.5 131.0 196.4

98 57.9 53.2 79.8

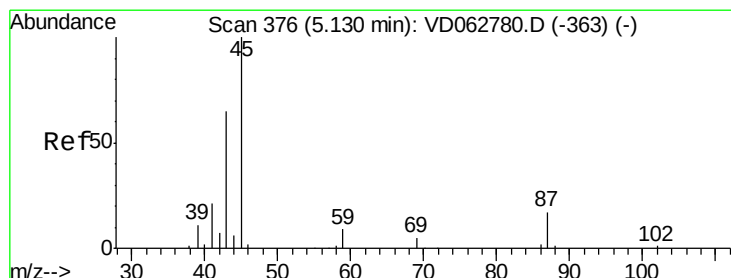
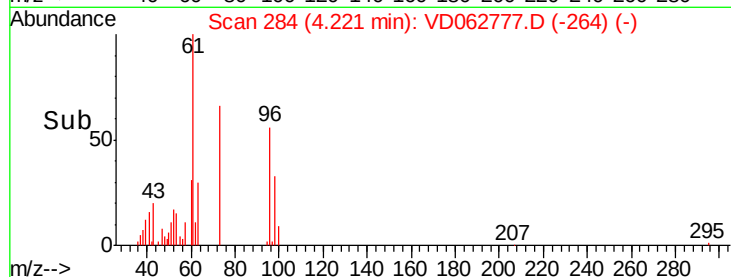
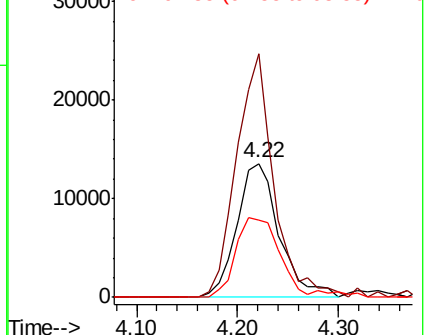


Abundance

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: 4.952 ug/l

RT: 5.13 min Scan# 376

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Tgt Ion: 45 Resp: 103863

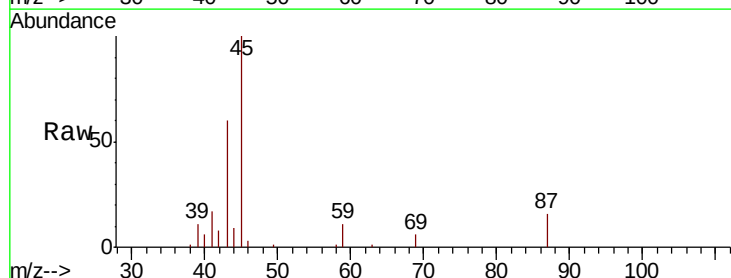
Ion Ratio Lower Upper

45 100

43 59.6 53.4 80.0

87 16.0 14.6 22.0

59 10.9 7.8 11.8



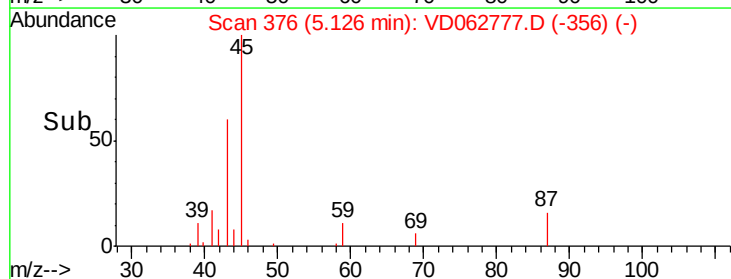
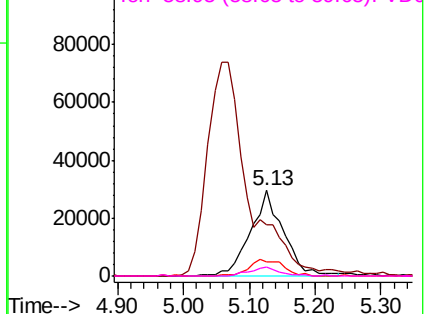
Abundance

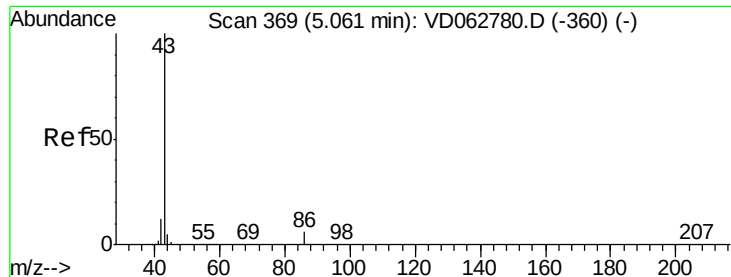
Ion 45.05 (44.75 to 45.75): VDC

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: 23.997 ug/l

RT: 5.07 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

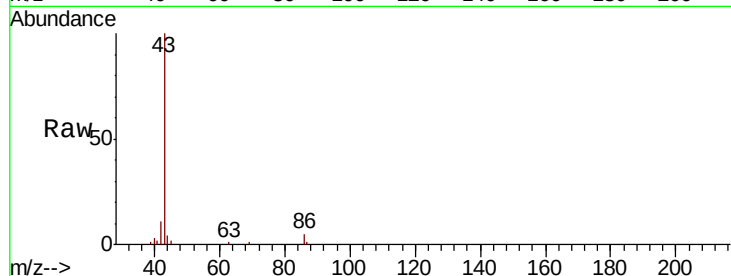
VSTDIC005

Tot Ion: 43 Resp: 315560

Ion Ratio Lower Upper

43 100

86 5.4 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

5.07

80000

60000

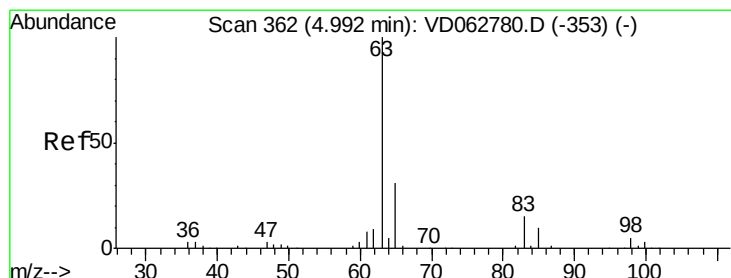
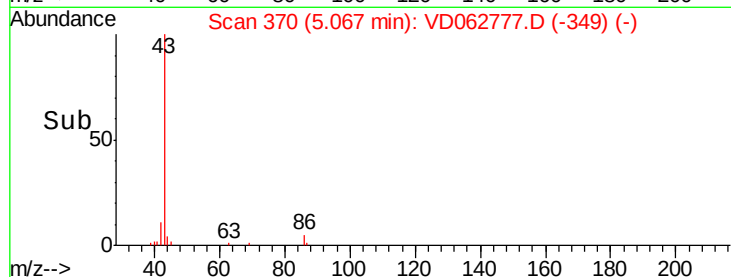
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#24

1,1-Dichloroethane

Concen: 5.114 ug/l

RT: 4.98 min Scan# 361

Delta R.T. -0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

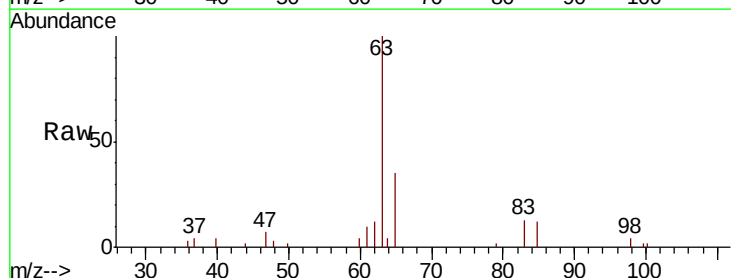
Tgt Ion: 63 Resp: 69827

Ion Ratio Lower Upper

63 100

98 3.8 2.3 6.9

100 4.1 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

25000

20000

15000

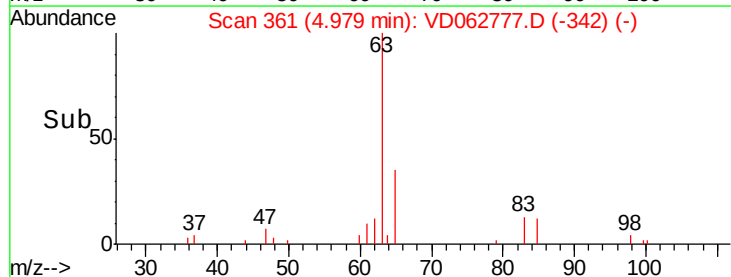
10000

5000

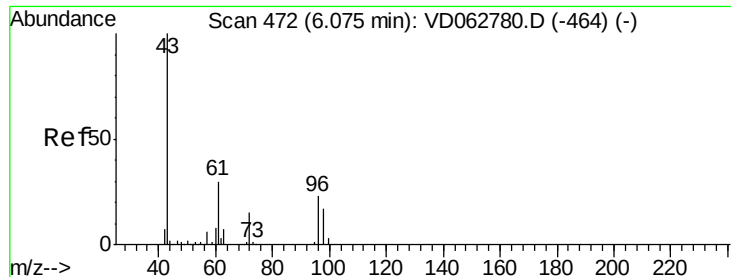
0

Time-->

4.80 4.90 5.00 5.10 5.20







#25

2-Butanone

Concen: 22.883 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

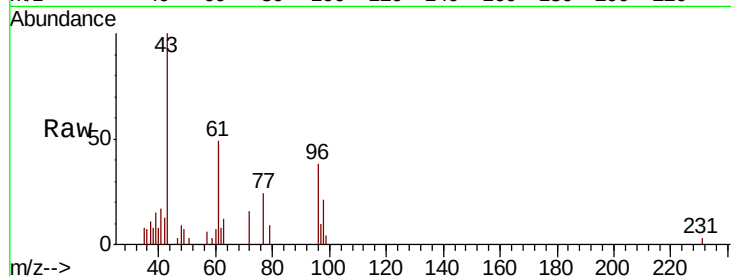
VSTDIC005

Tot Ion: 43 Resp: 40912

Ion Ratio Lower Upper

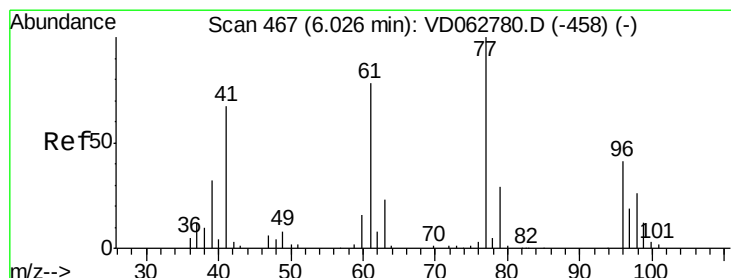
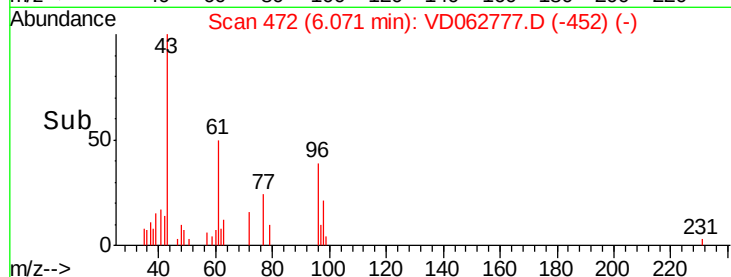
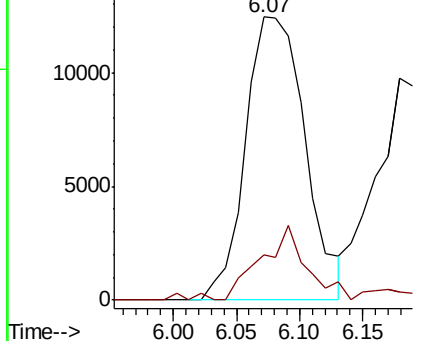
43 100

72 15.9 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: 5.108 ug/l

RT: 6.02 min Scan# 467

Delta R.T. -0.00 min

Lab File: VD062777.D

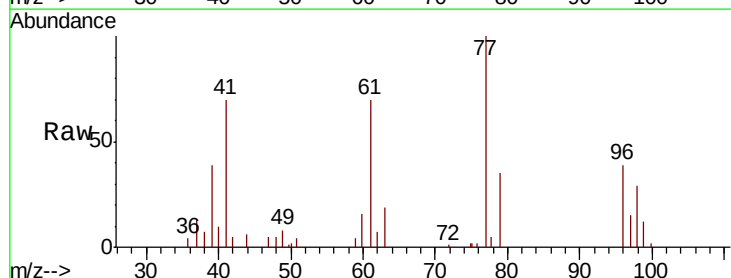
Acq: 19 Jun 2019 14:18

Tgt Ion: 77 Resp: 73940

Ion Ratio Lower Upper

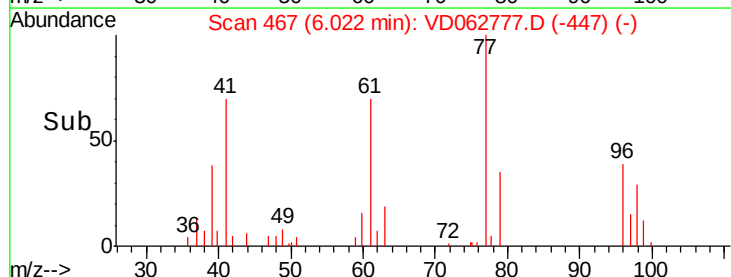
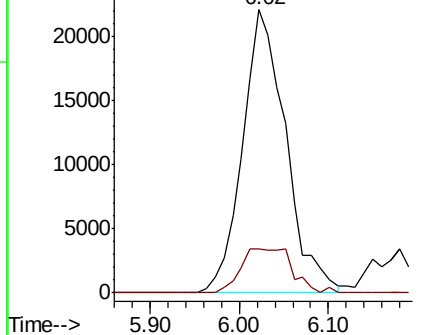
77 100

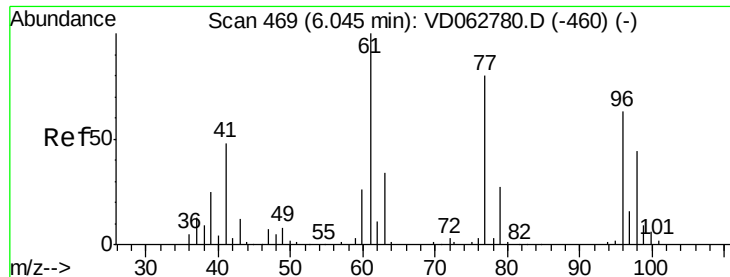
97 15.3 9.5 28.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



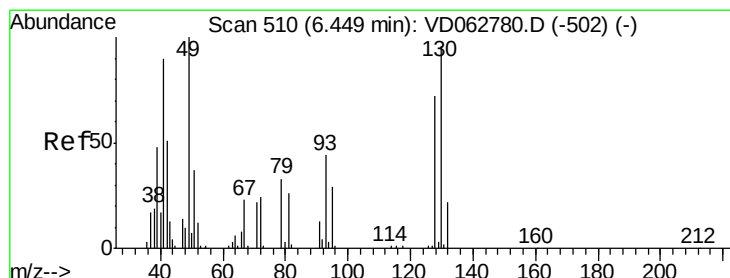
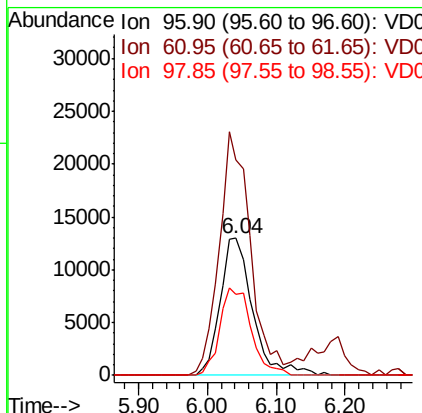
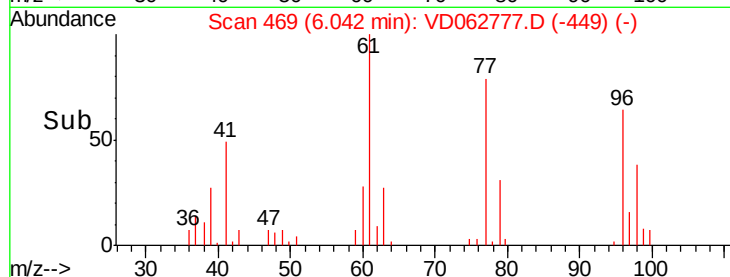
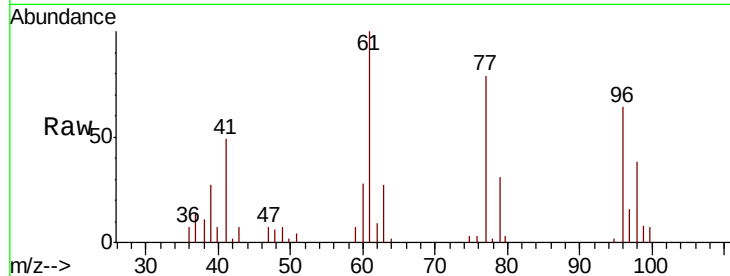


#27

cis-1,2-Dichloroethene  
Concen: 5.394 ug/l  
RT: 6.04 min Scan# 469  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

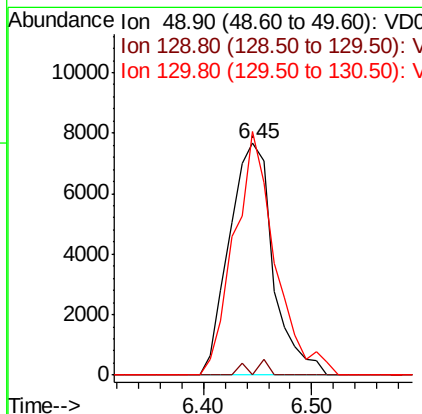
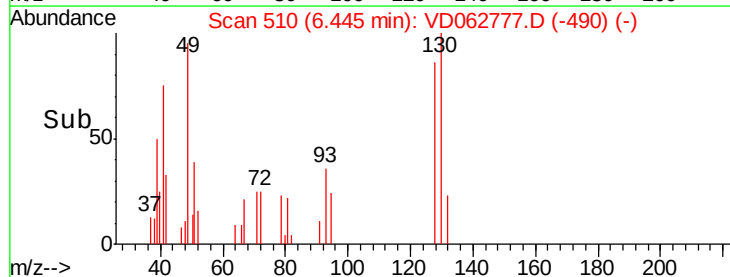
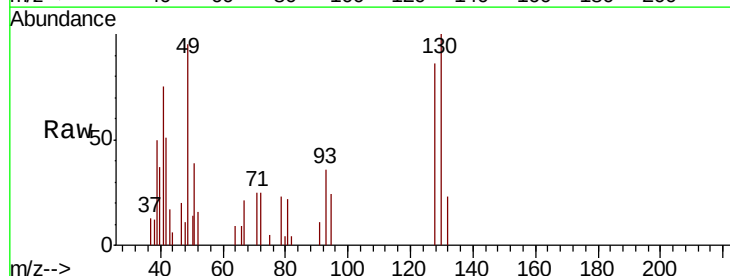
Tot Ion: 96 Resp: 42394  
Ion Ratio Lower Upper  
96 100  
61 157.1 0.0 316.0  
98 59.0 0.0 138.4

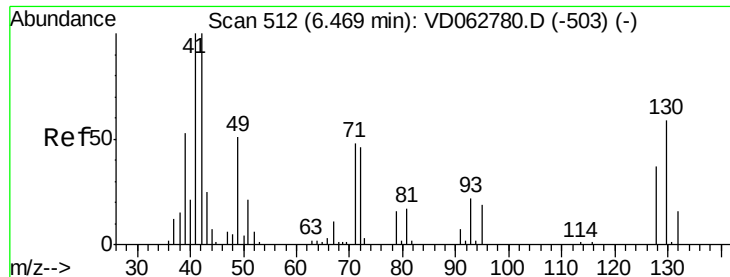


#28

Bromochloromethane  
Concen: 4.489 ug/l  
RT: 6.45 min Scan# 510  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Tgt Ion: 49 Resp: 21589  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 5.6  
130 105.0 76.6 114.8





#29

Tetrahydrofuran

Concen: 26.061 ug/l

RT: 6.47 min Scan# 512

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

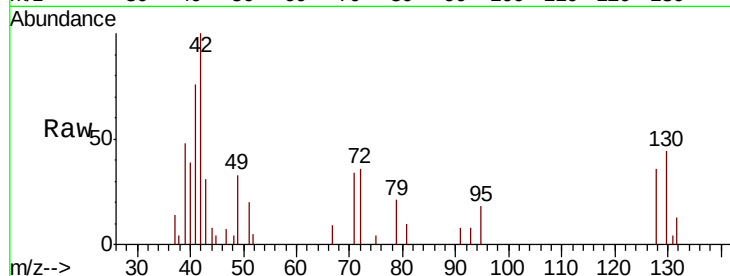
Tot Ion: 42 Resp: 22046

Ion Ratio Lower Upper

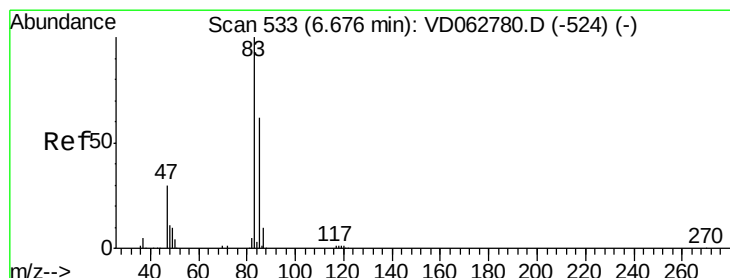
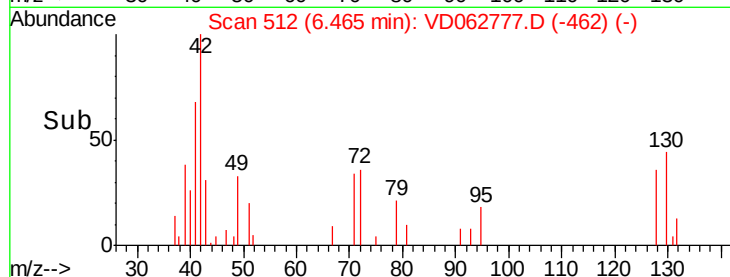
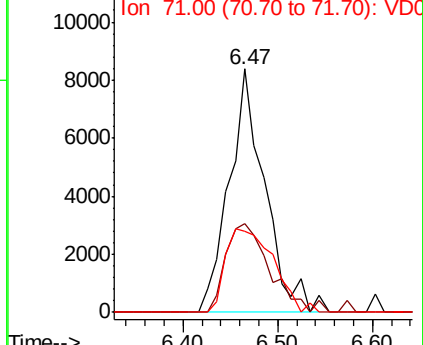
42 100

72 44.6 35.0 52.6

71 45.8 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: 5.286 ug/l

RT: 6.67 min Scan# 533

Delta R.T. -0.00 min

Lab File: VD062777.D

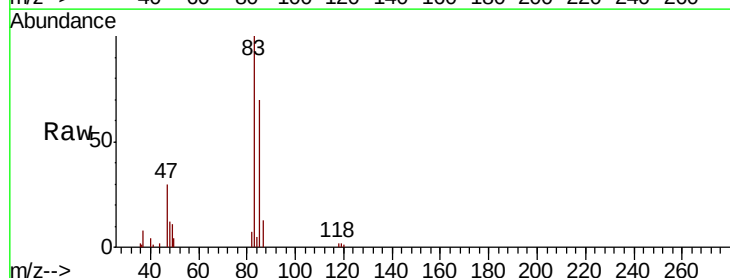
Acq: 19 Jun 2019 14:18

Tgt Ion: 83 Resp: 87781

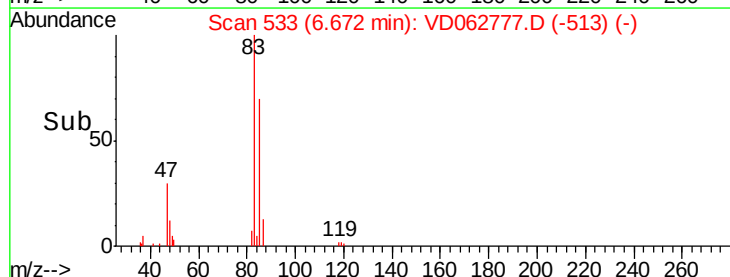
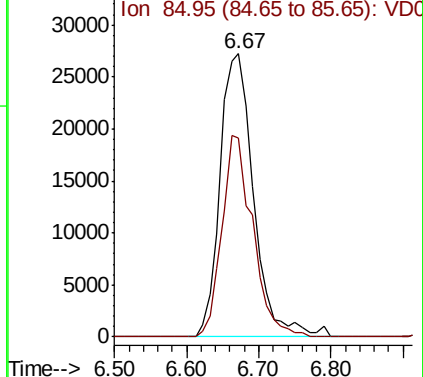
Ion Ratio Lower Upper

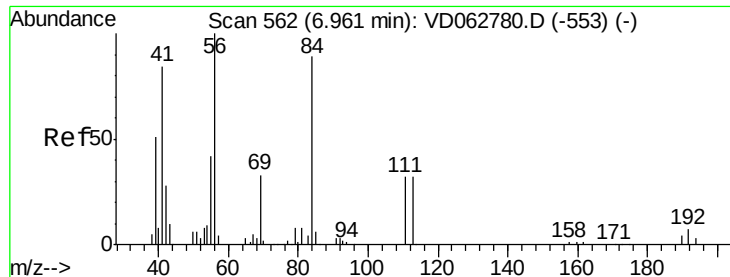
83 100

85 70.2 49.8 74.6



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

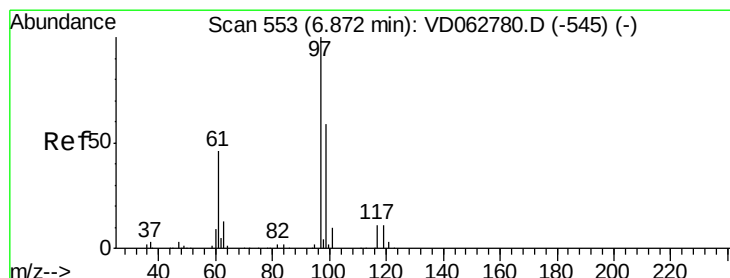
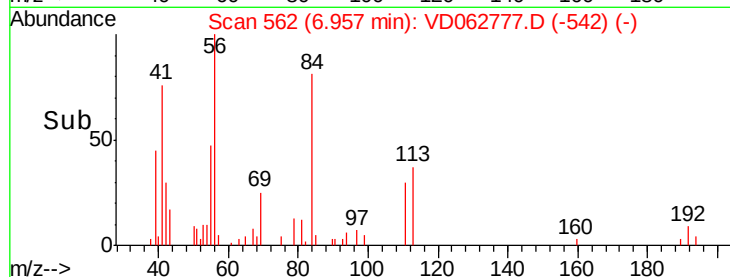
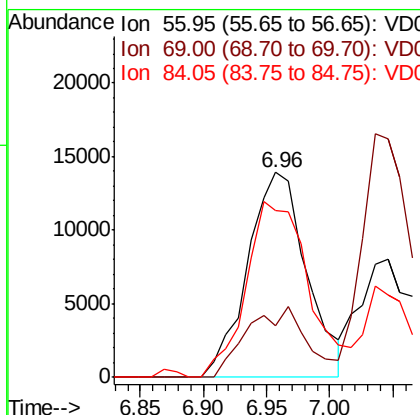
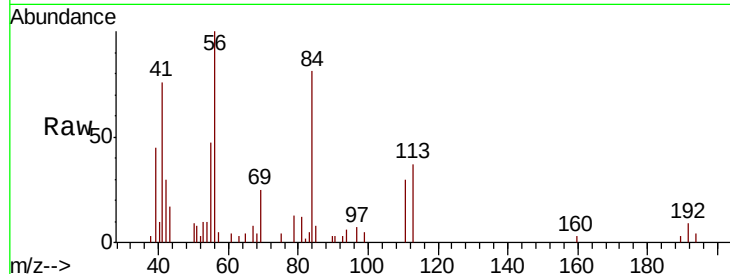




#31  
Cyclohexane  
Concen: 5.050 ug/l  
RT: 6.96 min Scan# 562  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

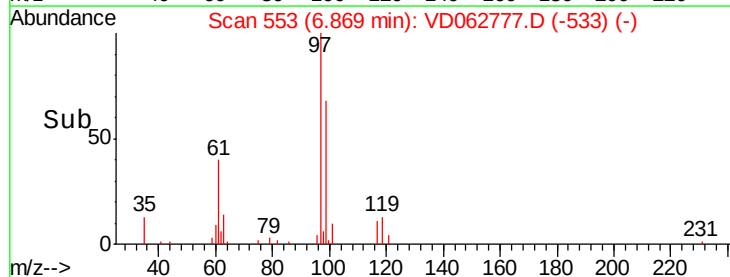
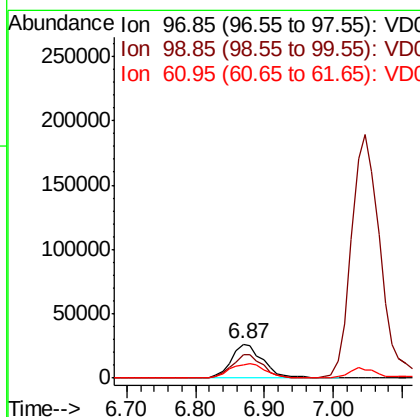
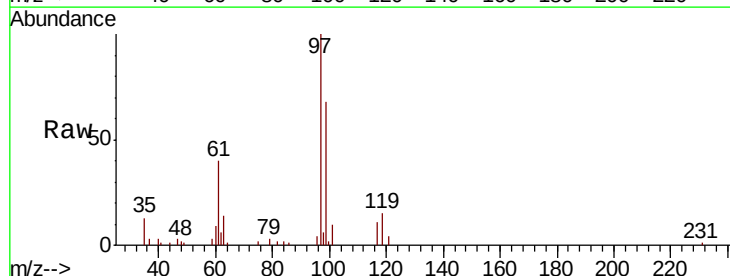
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

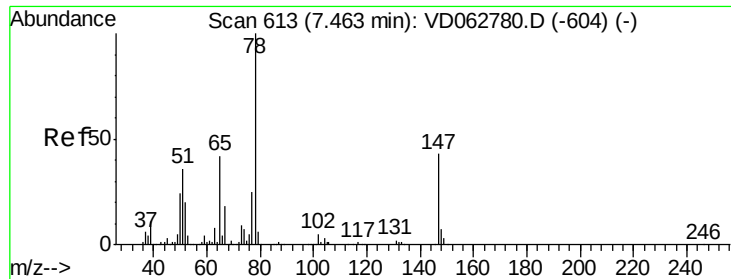
Tot Ion: 56 Resp: 45332  
Ion Ratio Lower Upper  
56 100  
69 25.4 26.6 39.8#  
84 81.5 75.5 113.3



#32  
1,1,1-Trichloroethane  
Concen: 4.930 ug/l  
RT: 6.87 min Scan# 553  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Tgt Ion: 97 Resp: 85281  
Ion Ratio Lower Upper  
97 100  
99 67.7 47.4 71.2  
61 40.0 37.2 55.8

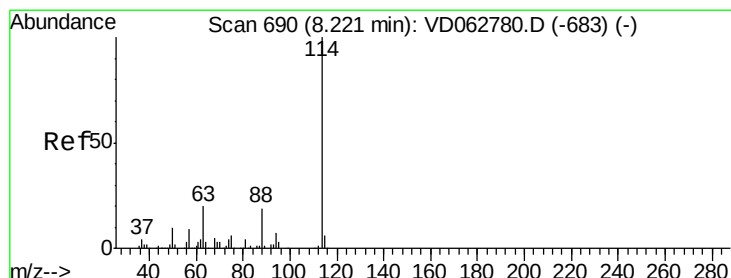
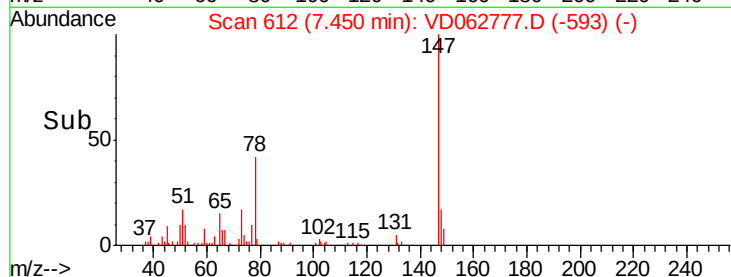
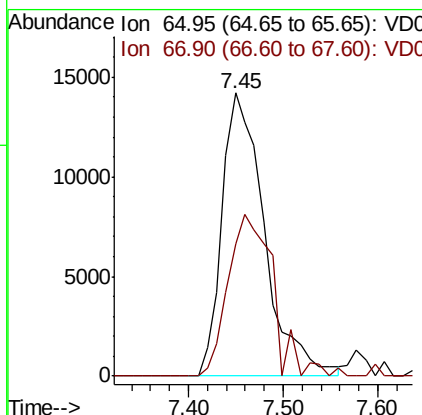
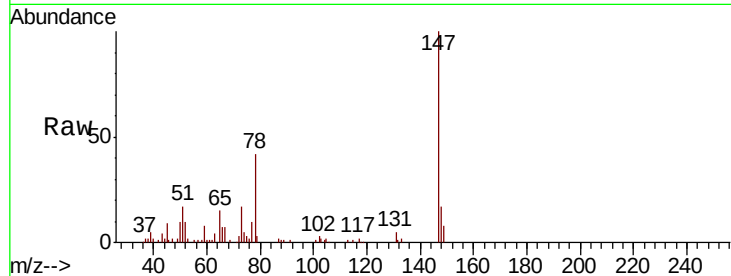




#33  
 1,2-Dichloroethane-d4  
 Concen: 4.608 ug/l  
 RT: 7.45 min Scan# 612  
 Delta R.T. -0.01 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

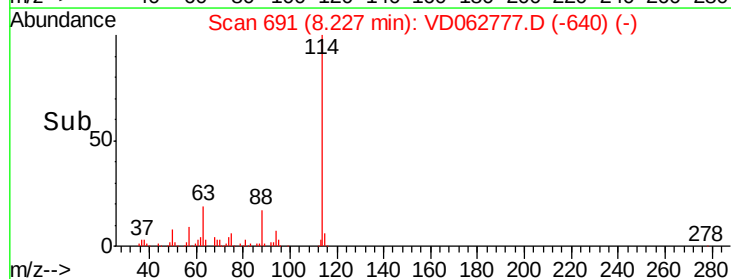
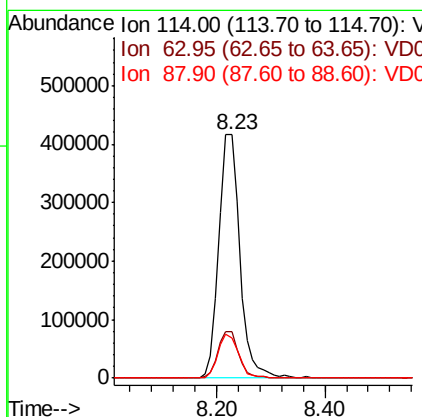
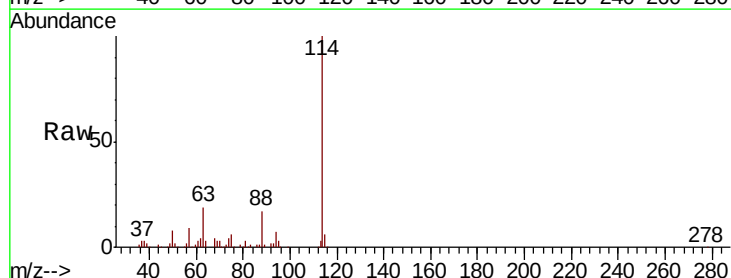
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

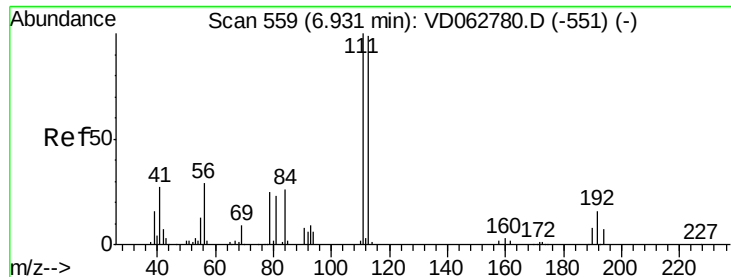
Tot Ion: 65 Resp: 44049  
 Ion Ratio Lower Upper  
 65 100  
 67 46.8 0.0 87.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.23 min Scan# 691  
 Delta R.T. 0.01 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

Tgt Ion: 114 Resp: 1123673  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 40.0  
 88 16.7 0.0 38.8





#35

Dibromofluoromethane

Concen: 5.040 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

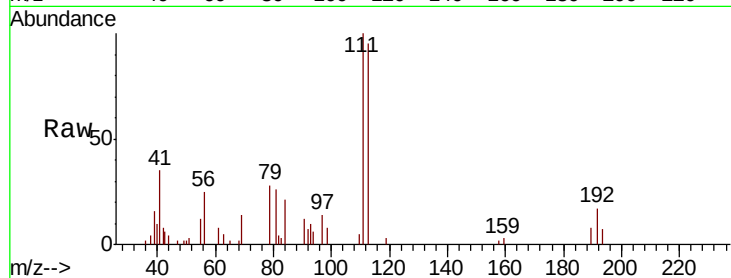
Tot Ion:113 Resp: 47755

Ion Ratio Lower Upper

113 100

111 105.7 81.2 121.8

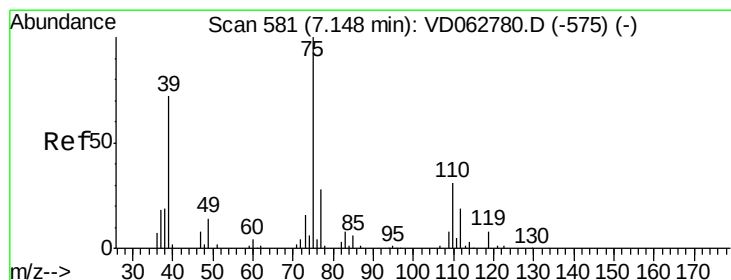
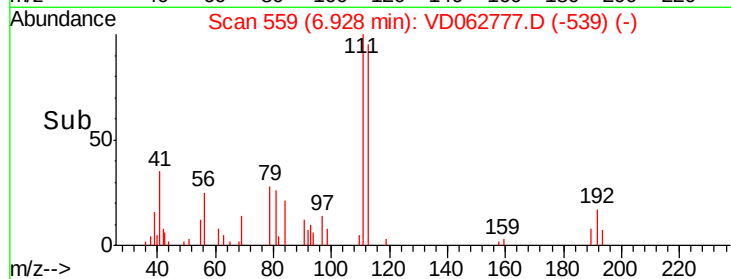
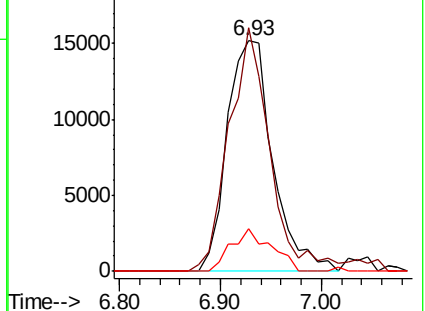
192 18.4 12.9 19.3



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: 5.082 ug/l

RT: 7.15 min Scan# 582

Delta R.T. 0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

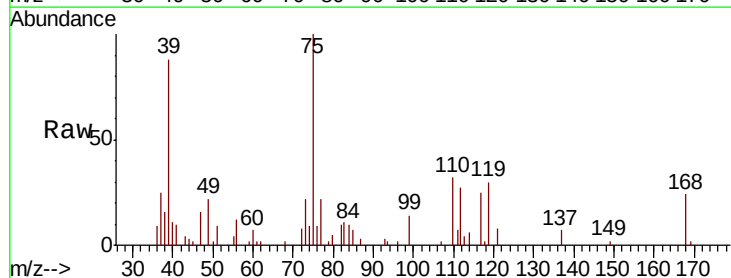
Tgt Ion: 75 Resp: 54057

Ion Ratio Lower Upper

75 100

110 32.4 15.0 45.1

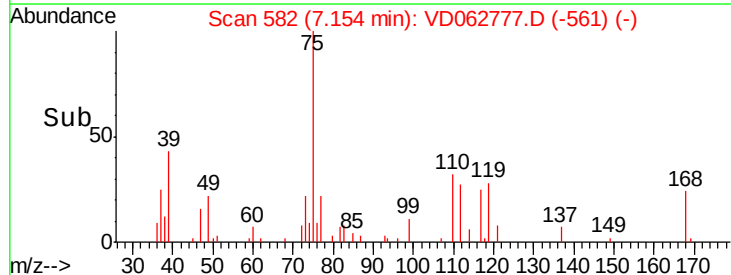
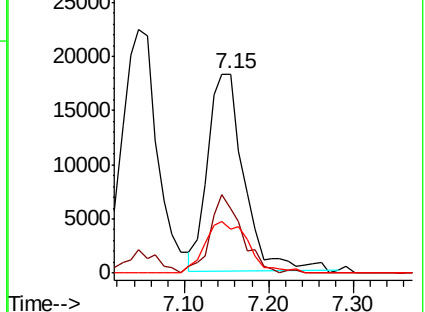
77 22.0 22.2 33.2#

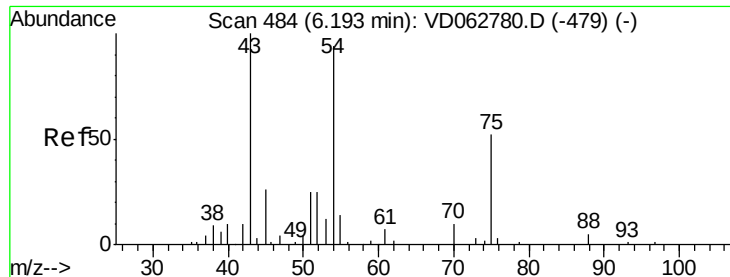


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 7.145 ug/l

RT: 6.18 min Scan# 483

Delta R.T. -0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

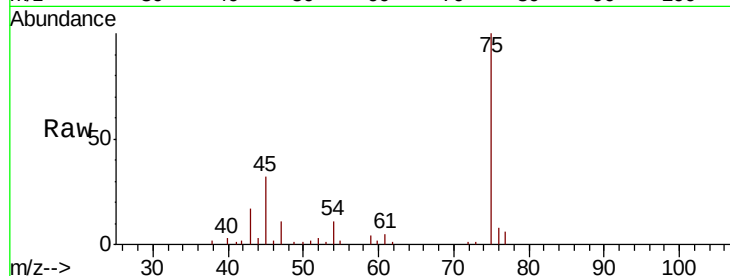
Tot Ion: 43 Resp: 34804

Ion Ratio Lower Upper

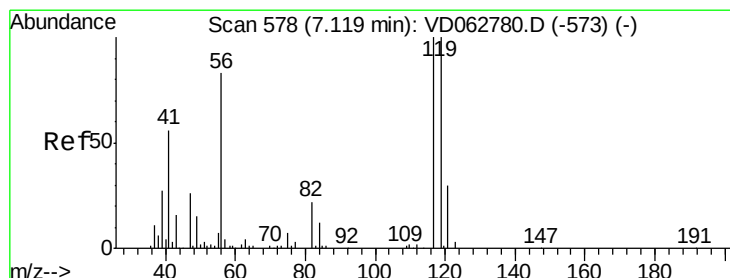
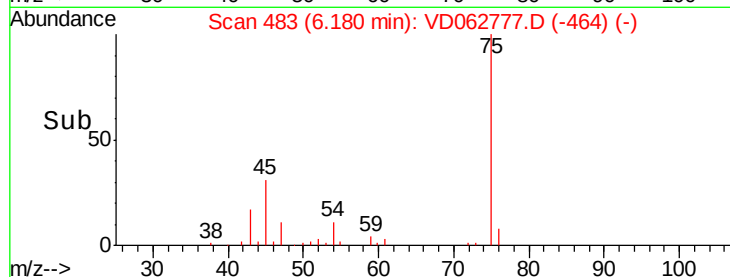
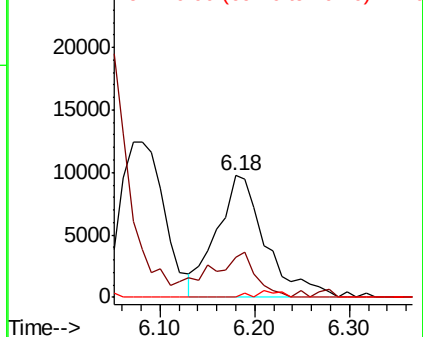
43 100

61 32.7 11.6 17.4#

70 0.0 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: 5.373 ug/l

RT: 7.10 min Scan# 577

Delta R.T. -0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

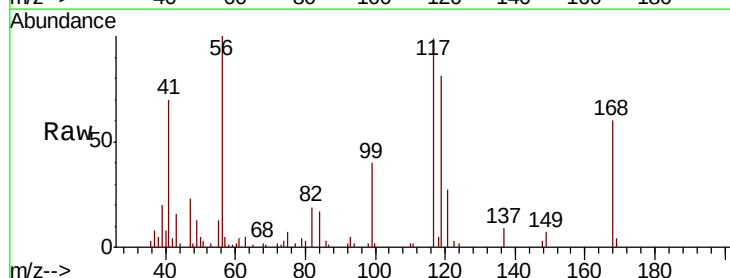
Tgt Ion: 117 Resp: 87538

Ion Ratio Lower Upper

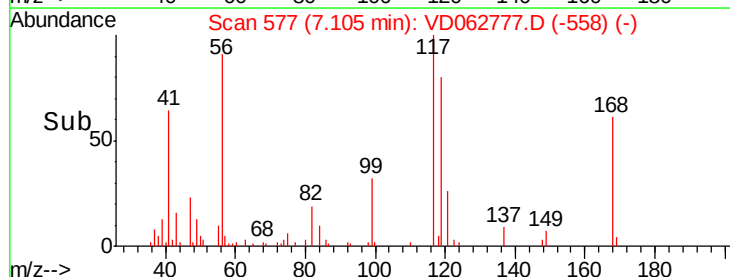
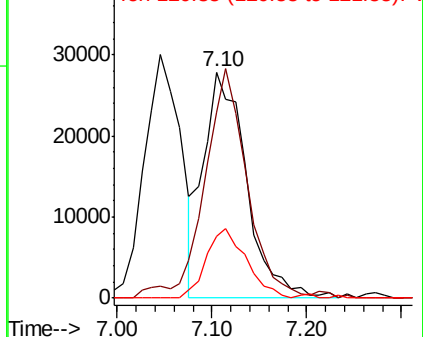
117 100

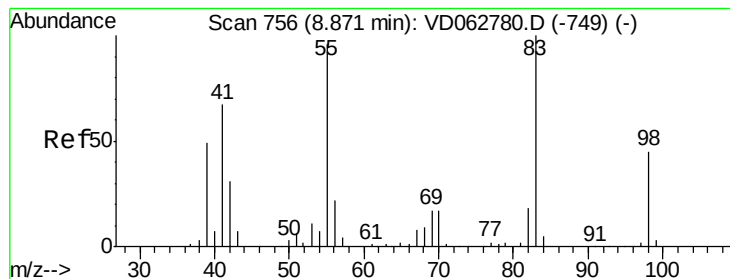
119 82.4 75.4 113.2

121 27.5 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

Methylvlcyclohexane

Concen: 5.282 ug/l

RT: 8.88 min Scan# 757

Delta R.T. 0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

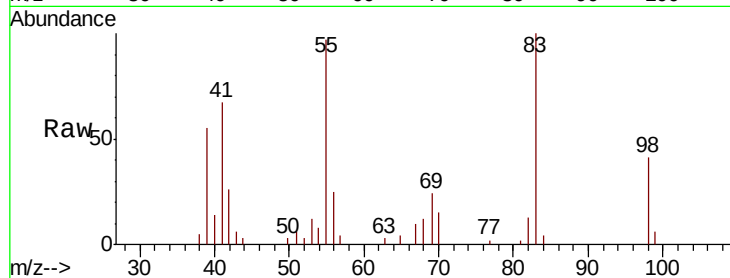
Tot Ion: 83 Resp: 49454

Ion Ratio Lower Upper

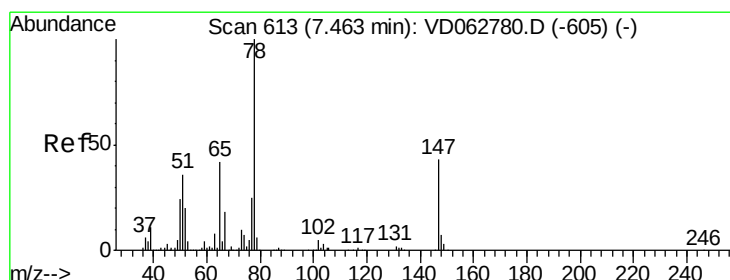
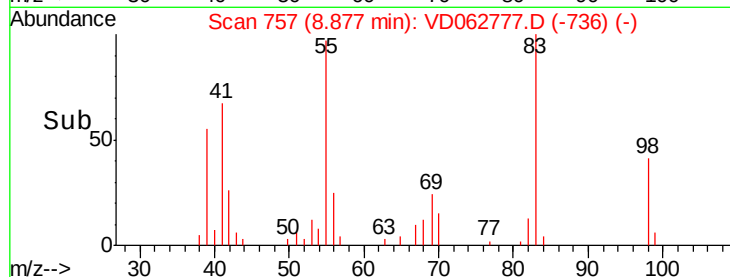
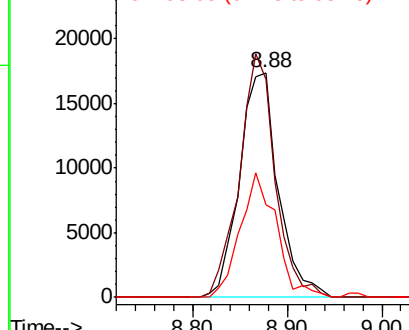
83 100

55 96.7 76.6 115.0

98 41.1 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: 5.202 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062777.D

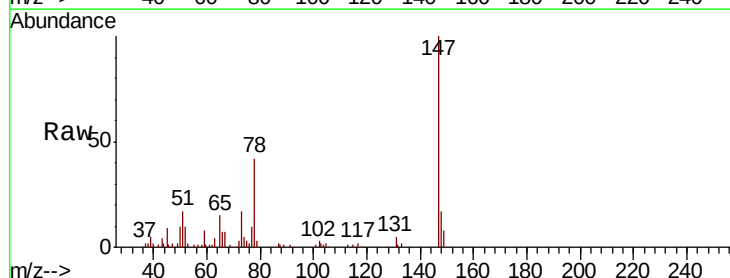
Acq: 19 Jun 2019 14:18

Tgt Ion: 78 Resp: 111081

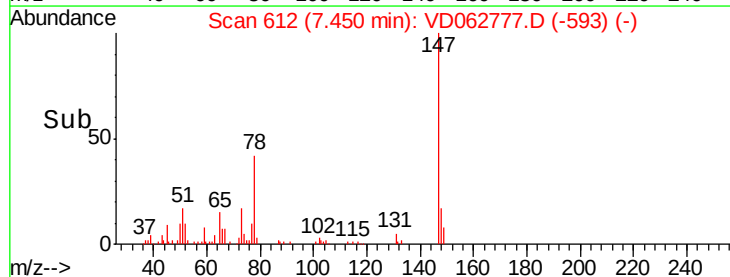
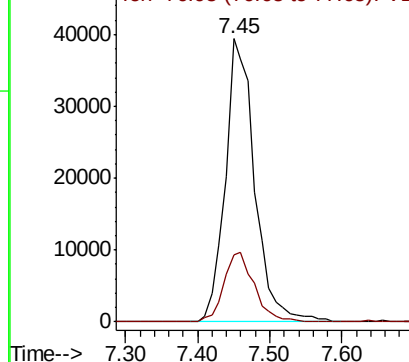
Ion Ratio Lower Upper

78 100

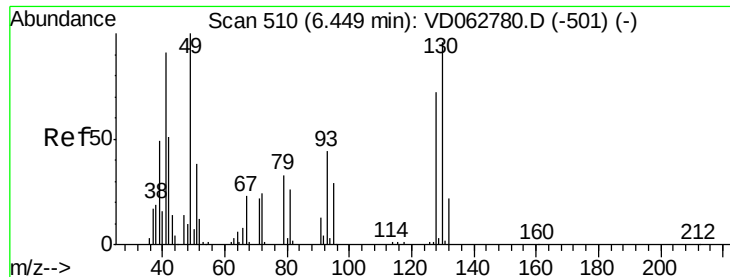
77 23.5 20.2 30.2



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







#41

Methacrylonitrile

Concen: 5.609 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 31462

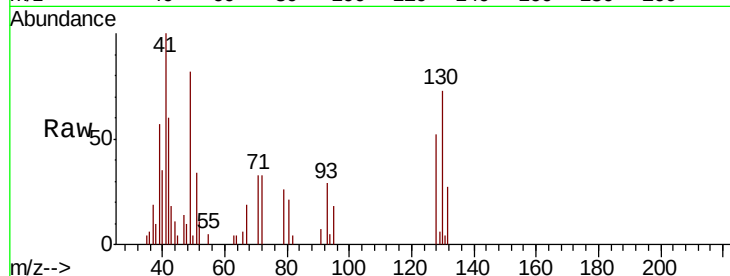
Ion Ratio Lower Upper

41 100

39 56.7 43.2 64.8

67 18.8 19.9 29.9#

52 10.9 10.2 15.4

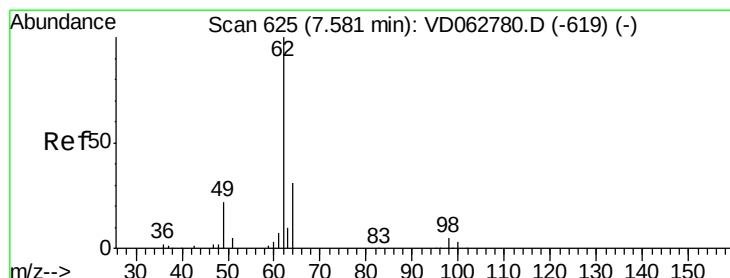
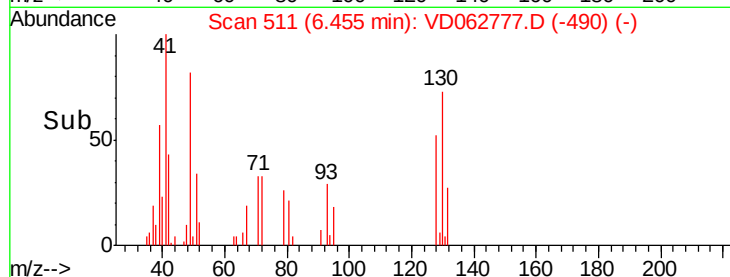
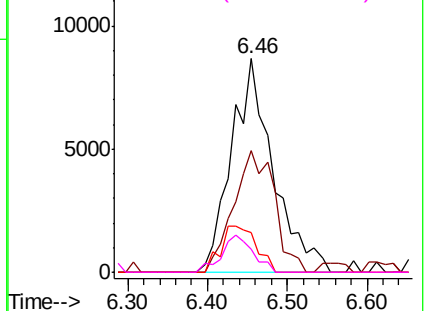


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 4.934 ug/l

RT: 7.59 min Scan# 626

Delta R.T. 0.01 min

Lab File: VD062777.D

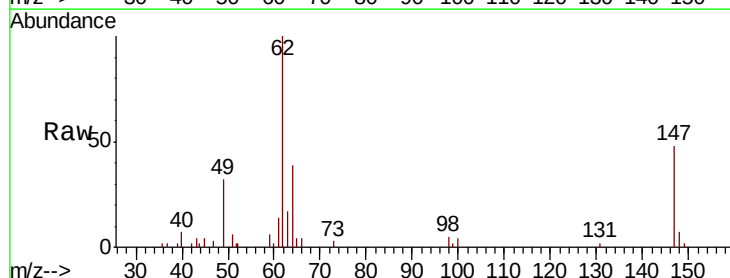
Acq: 19 Jun 2019 14:18

Tgt Ion: 62 Resp: 57471

Ion Ratio Lower Upper

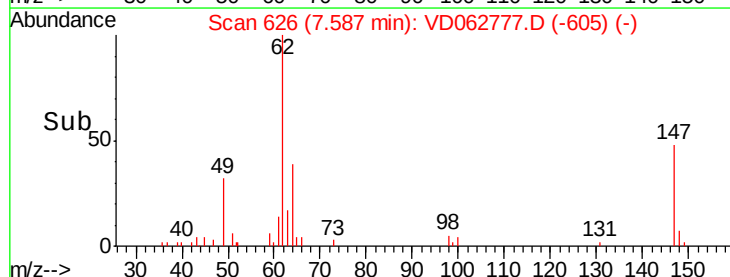
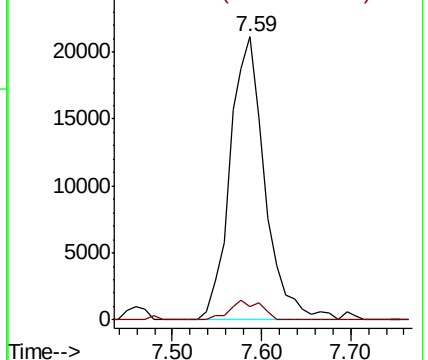
62 100

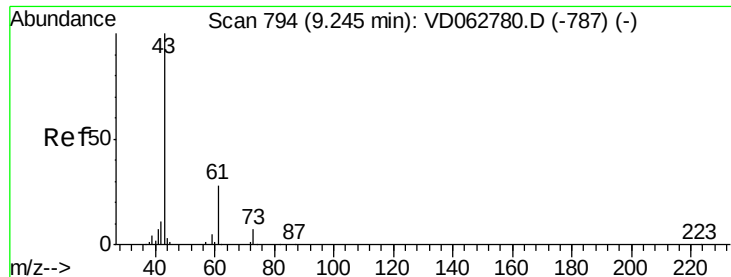
98 4.6 0.0 10.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 4.843 ug/l

RT: 9.24 min Scan# 794

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

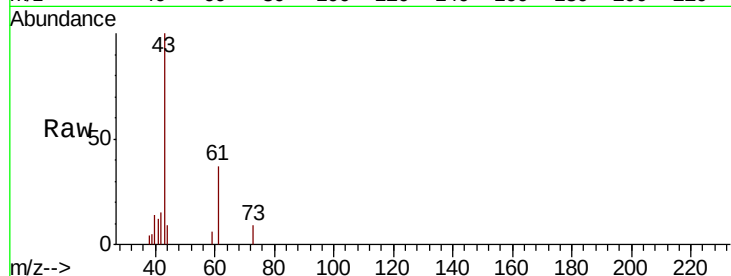
Tot Ion: 43 Resp: 27008

Ion Ratio Lower Upper

43 100

61 36.7 22.4 33.6#

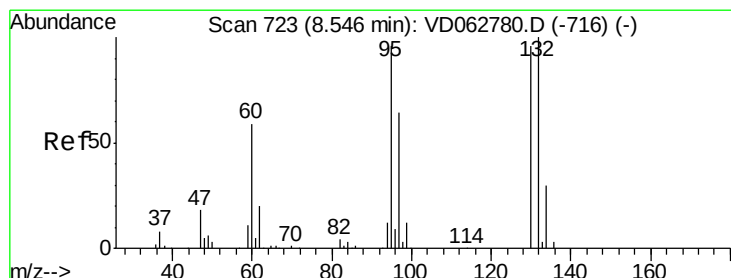
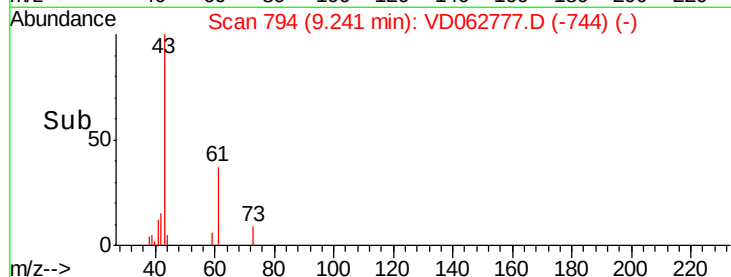
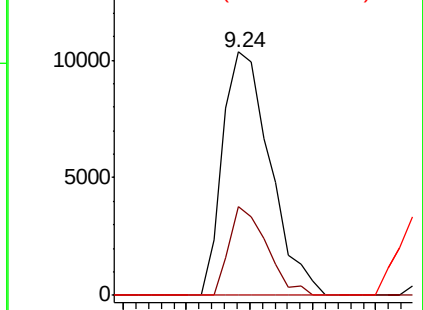
87 0.0 0.3 0.5#



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: 5.345 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.00 min

Lab File: VD062777.D

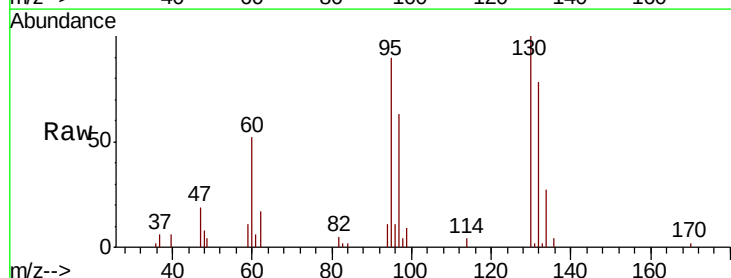
Acq: 19 Jun 2019 14:18

Tgt Ion:130 Resp: 44745

Ion Ratio Lower Upper

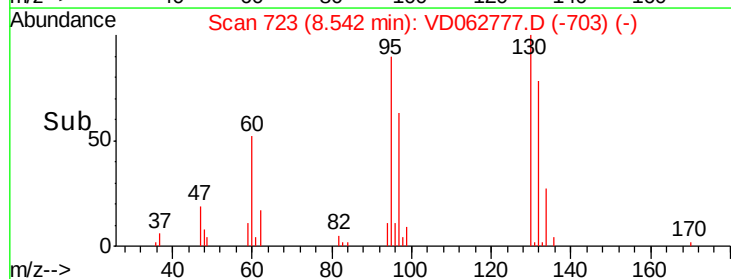
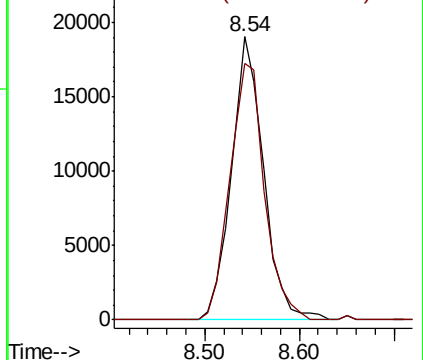
130 100

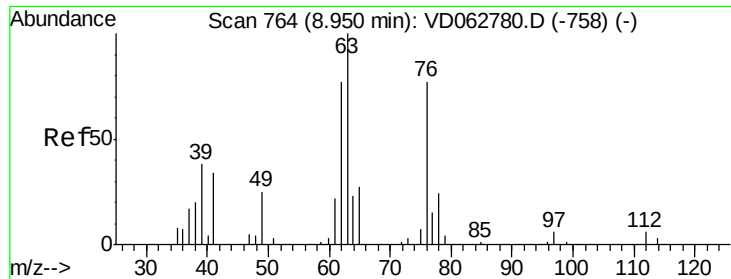
95 90.5 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 5.466 ug/l

RT: 8.95 min Scan# 764

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

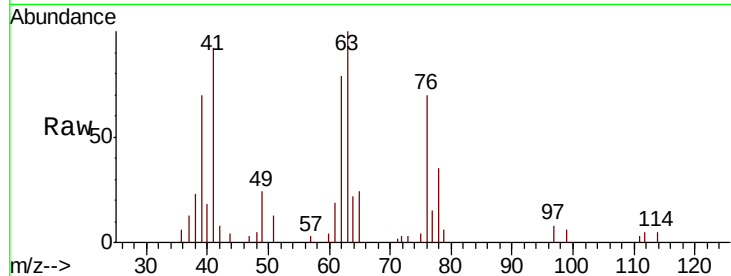
VSTDIC005

Tot Ion: 63 Resp: 29023

Ion Ratio Lower Upper

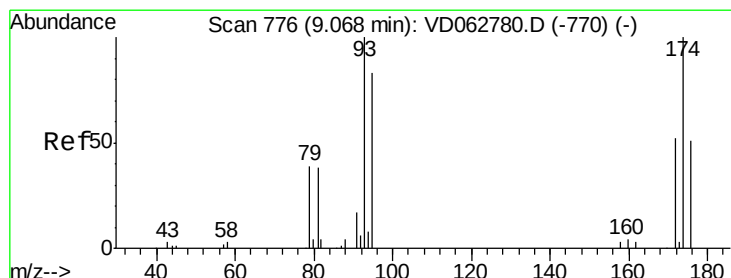
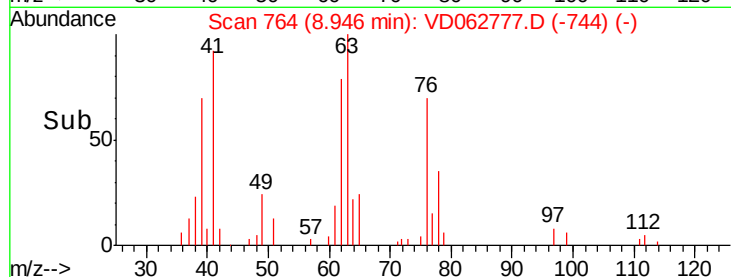
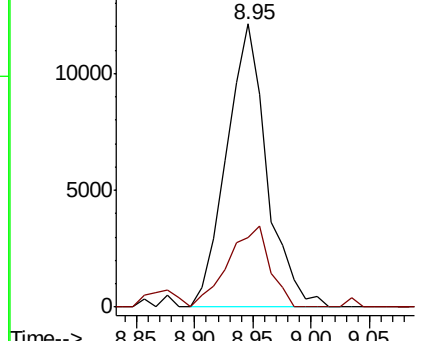
63 100

65 24.4 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: 5.449 ug/l

RT: 9.07 min Scan# 777

Delta R.T. 0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

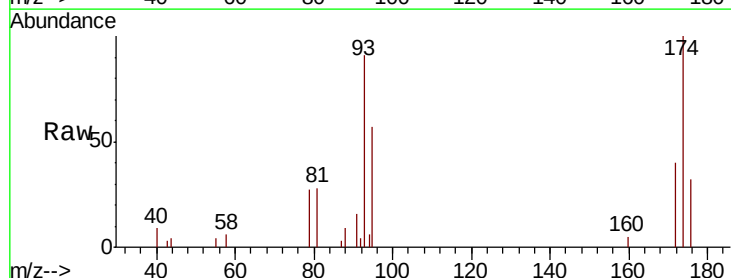
Tgt Ion: 93 Resp: 24850

Ion Ratio Lower Upper

93 100

95 62.9 66.6 100.0#

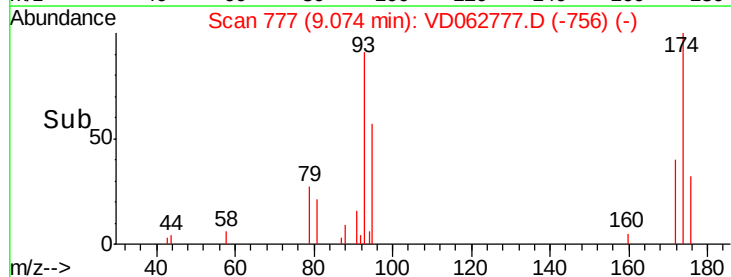
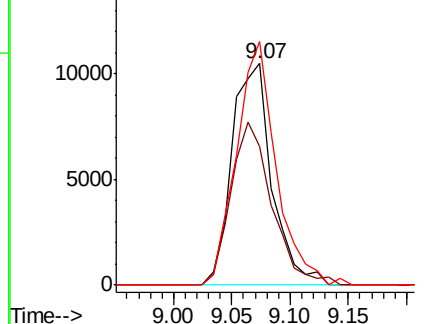
174 110.0 79.7 119.5

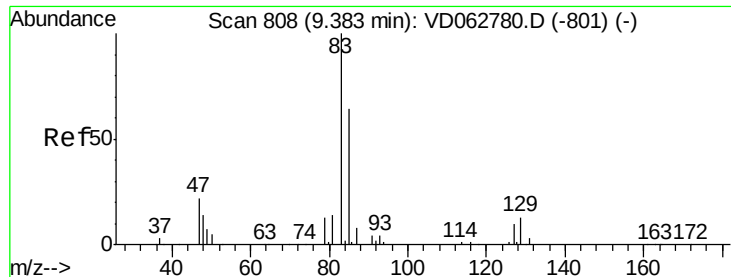


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 4.900 ug/l

RT: 9.38 min Scan# 808

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

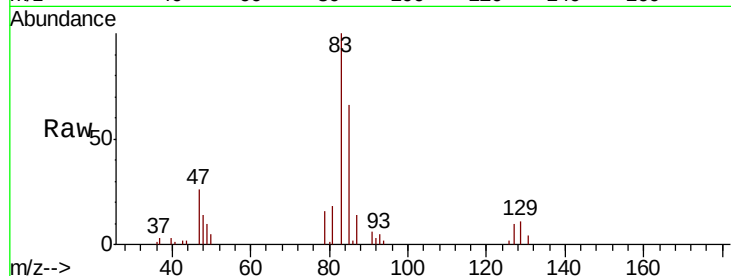
Tot Ion: 83 Resp: 58040

Ion Ratio Lower Upper

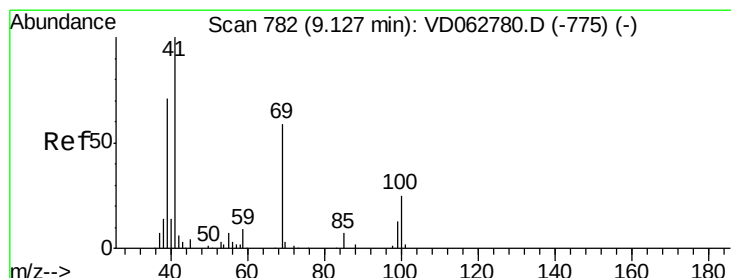
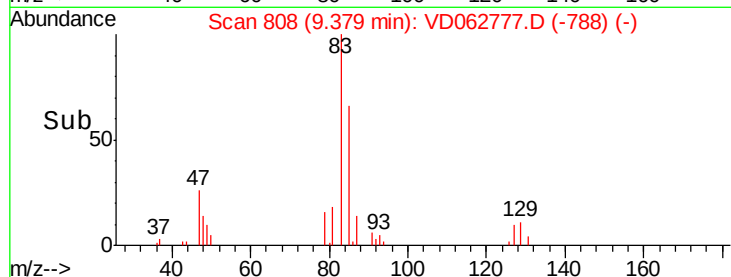
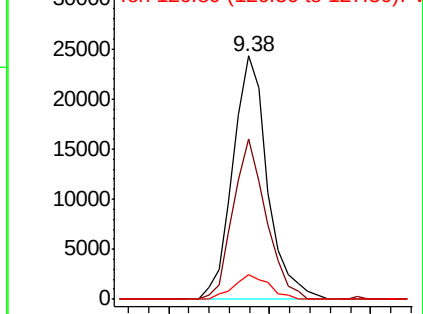
83 100

85 65.6 51.6 77.4

127 10.0 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: 5.409 ug/l

RT: 9.12 min Scan# 782

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

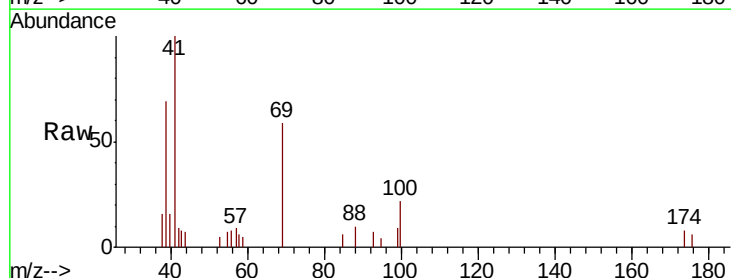
Tgt Ion: 41 Resp: 21436

Ion Ratio Lower Upper

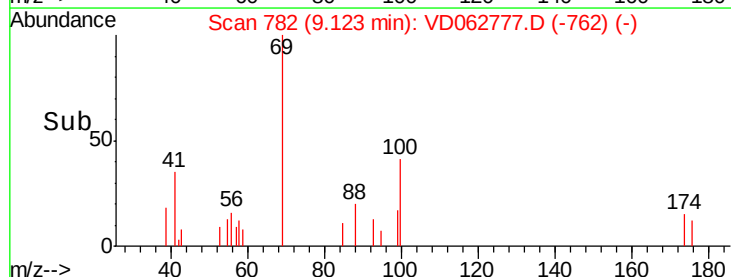
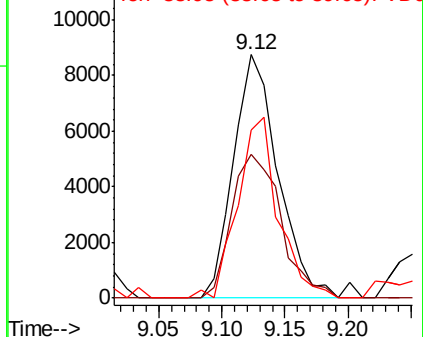
41 100

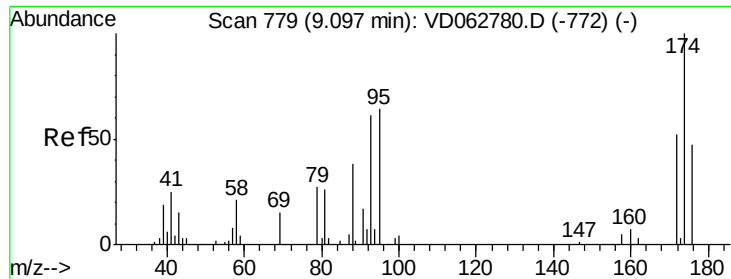
69 59.1 47.2 70.8

39 68.9 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

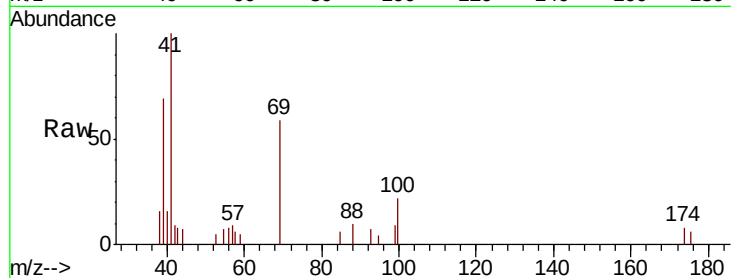




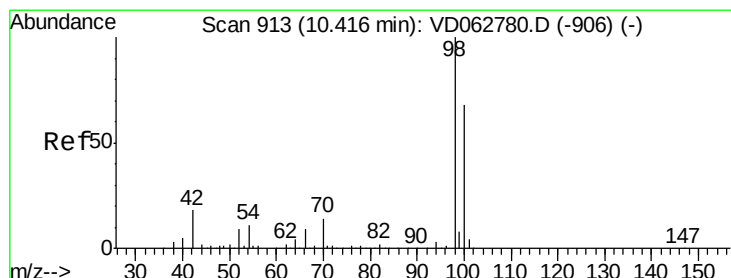
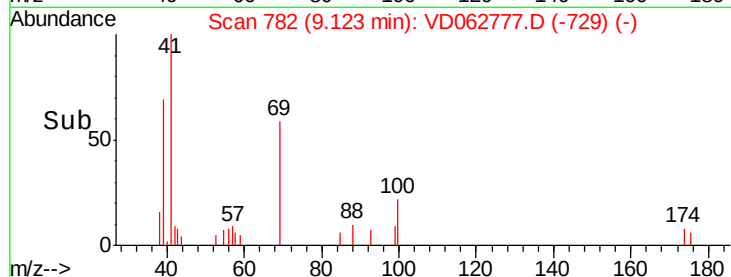
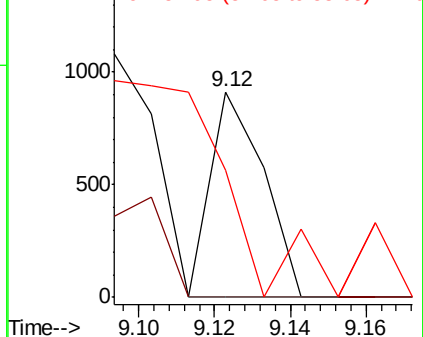
#49  
1,4-Dioxane  
Concen: 26.690 ug/l  
RT: 9.12 min Scan# 782  
Delta R.T. 0.03 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tot Ion: 88 Resp: 880  
Ion Ratio Lower Upper  
88 100  
43 0.0 32.1 48.1#  
58 62.0 44.1 66.1

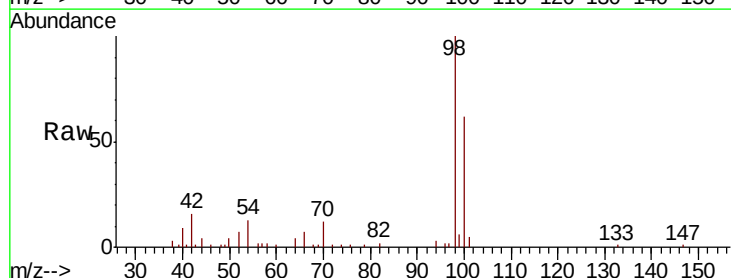


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

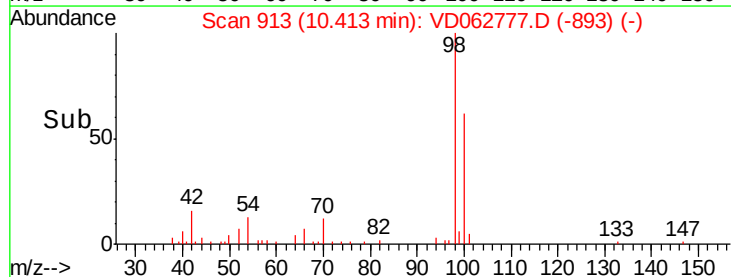
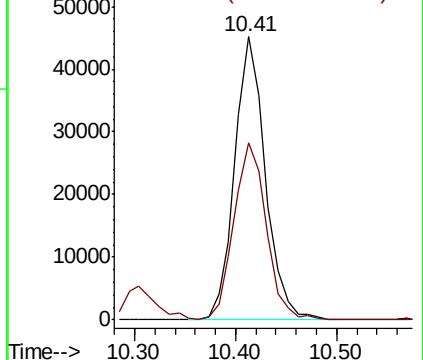


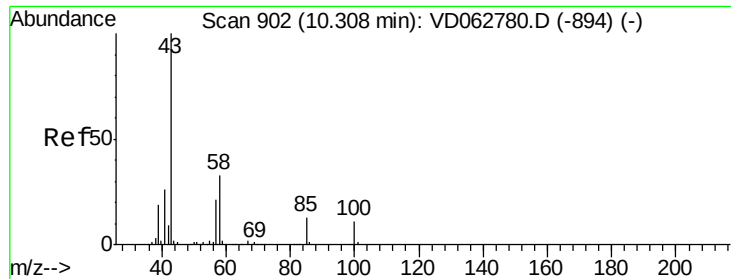
#50  
Toluene-d8  
Concen: 4.634 ug/l  
RT: 10.41 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Tgt Ion: 98 Resp: 95561  
Ion Ratio Lower Upper  
98 100  
100 62.4 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: 26.248 ug/l

RT: 10.30 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

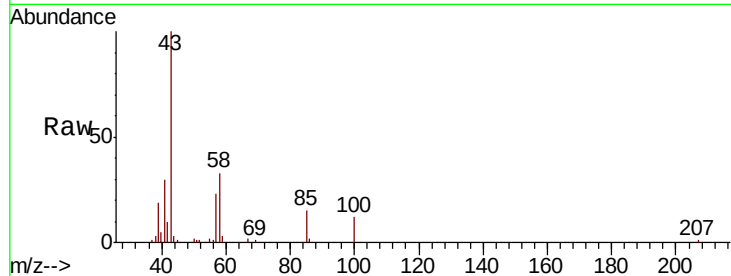
VSTDIC005

Tot Ion: 43 Resp: 103782

Ion Ratio Lower Upper

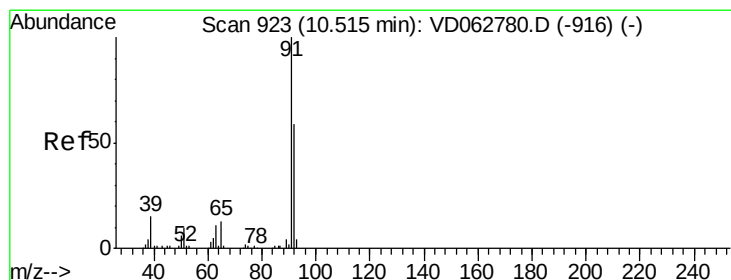
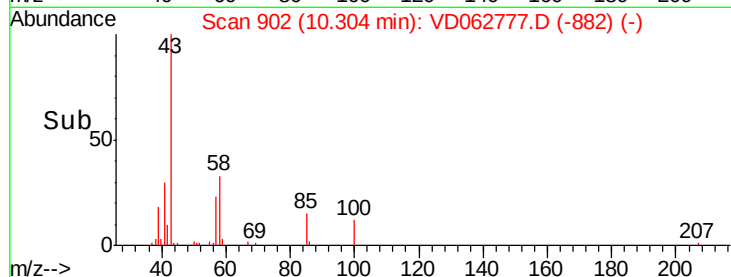
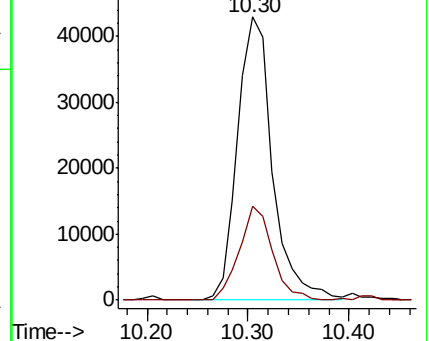
43 100

58 33.0 26.6 40.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 5.759 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: VD062777.D

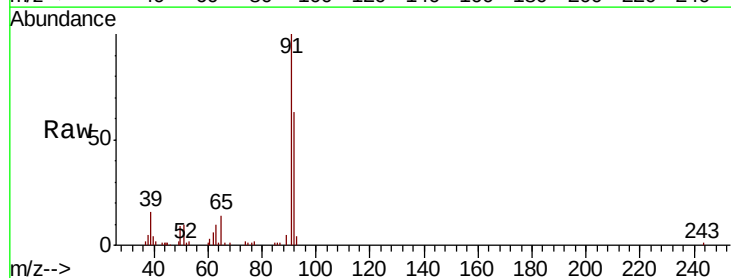
Acq: 19 Jun 2019 14:18

Tgt Ion: 92 Resp: 82663

Ion Ratio Lower Upper

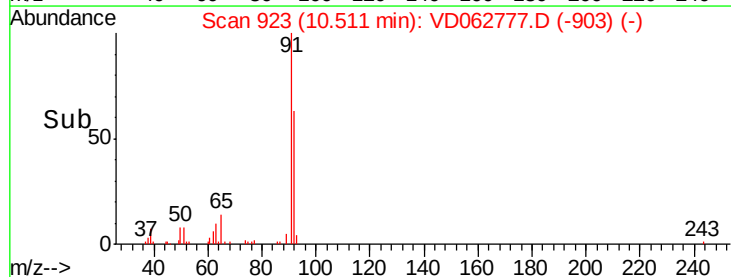
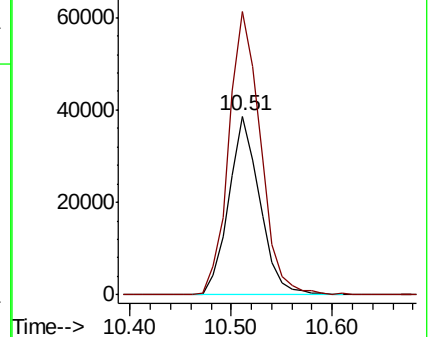
92 100

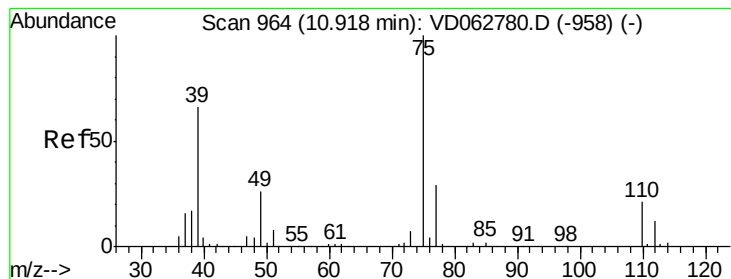
91 158.5 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 4.683 ug/l

RT: 10.92 min Scan# 965

Delta R.T. 0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

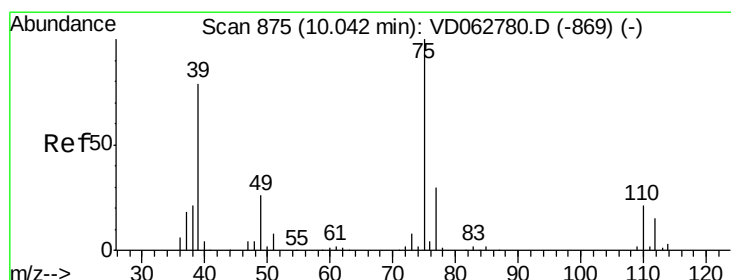
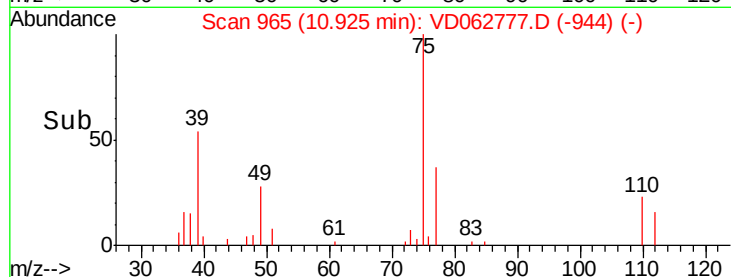
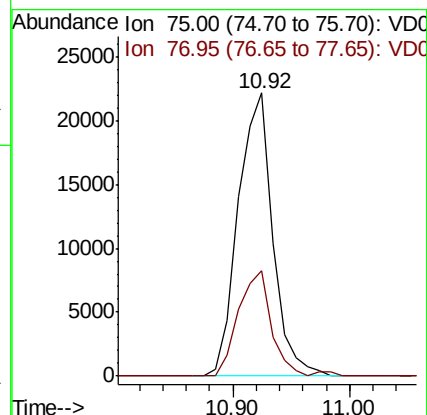
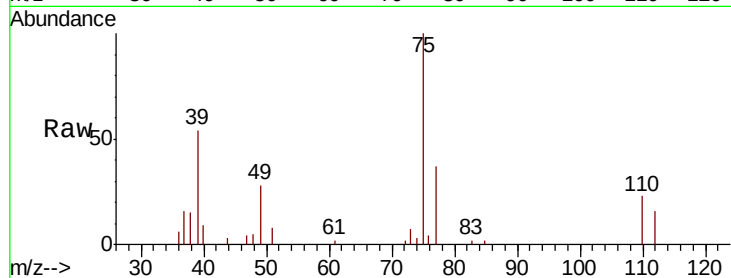
VSTDIC005

Tot Ion: 75 Resp: 45401

Ion Ratio Lower Upper

75 100

77 37.5 23.2 34.8#



#54

cis-1,3-Dichloropropene

Concen: 4.963 ug/l

RT: 10.05 min Scan# 876

Delta R.T. 0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

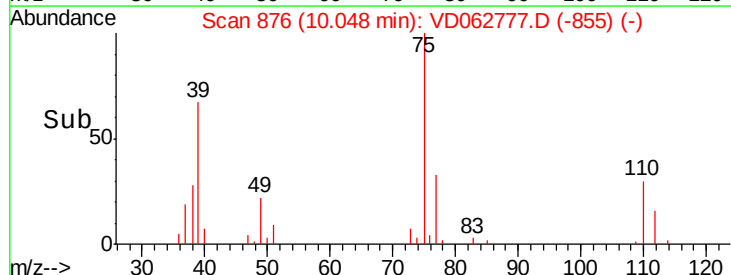
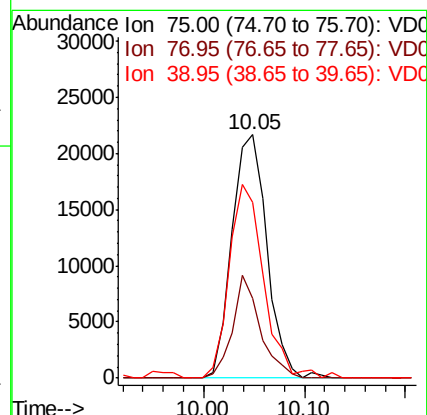
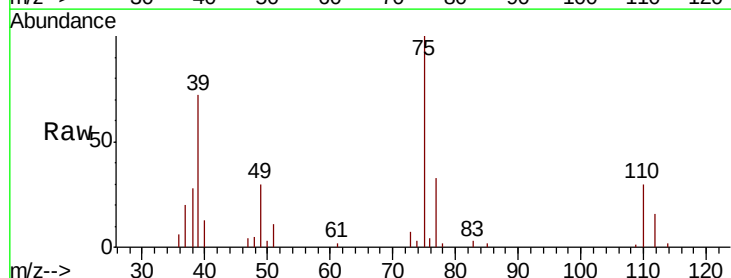
Tgt Ion: 75 Resp: 52302

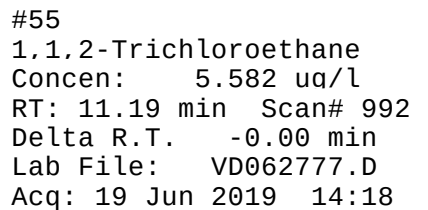
Ion Ratio Lower Upper

75 100

77 32.9 24.2 36.2

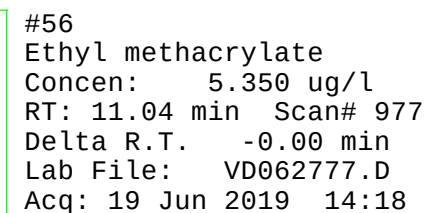
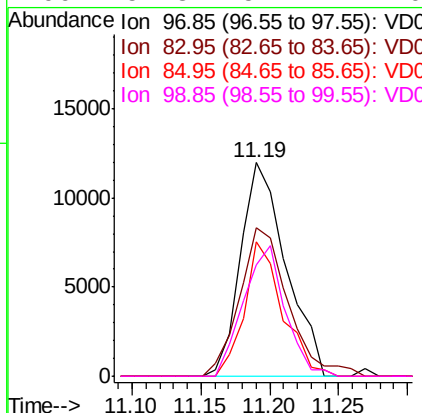
39 72.2 63.5 95.3



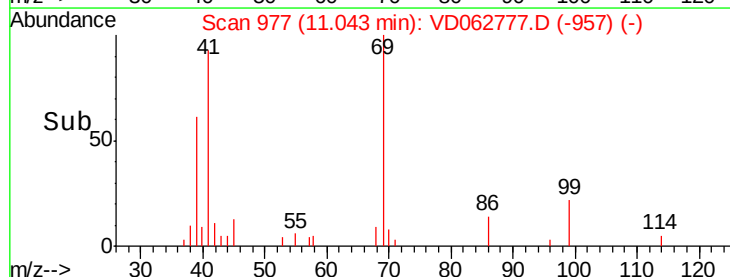
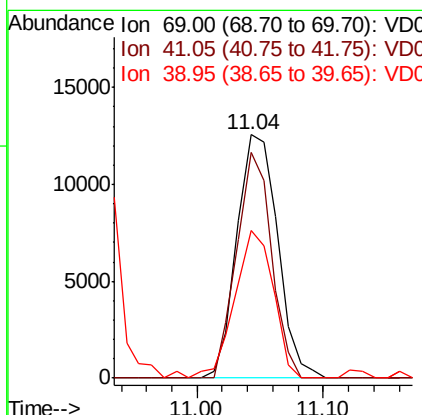


**Instrument :**  
MSVOA\_D  
**ClientSampleId :**  
VSTDICC005

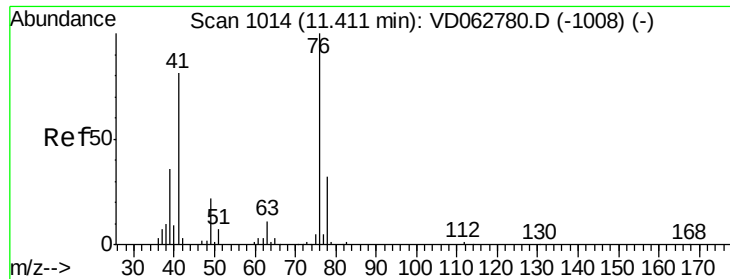
|     |         |       |        |
|-----|---------|-------|--------|
| Tat | Ion: 97 | Resp: | 27524  |
| Ion | Ratio   | Lower | Upper  |
| 97  | 100     |       |        |
| 83  | 69.7    | 71.0  | 106.4# |
| 85  | 62.7    | 46.6  | 69.8   |
| 99  | 52.3    | 51.4  | 77.0   |



|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion: 69 | Resp: | 28193 |
| Ion | Ratio   | Lower | Upper |
| 69  | 100     |       |       |
| 41  | 92.5    | 72.0  | 108.0 |
| 39  | 60.8    | 49.5  | 74.3  |







#57

1,3-Dichloropropane

Concen: 5.314 ug/l

RT: 11.41 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

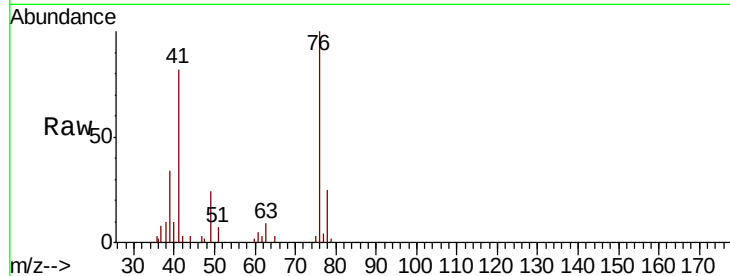
VSTDIC005

Tot Ion: 76 Resp: 40121

Ion Ratio Lower Upper

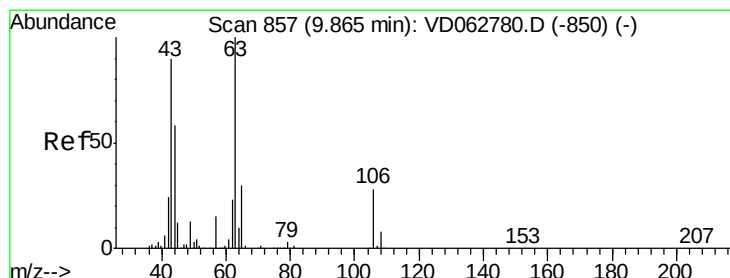
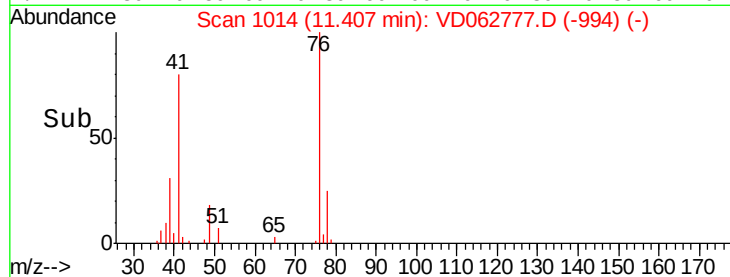
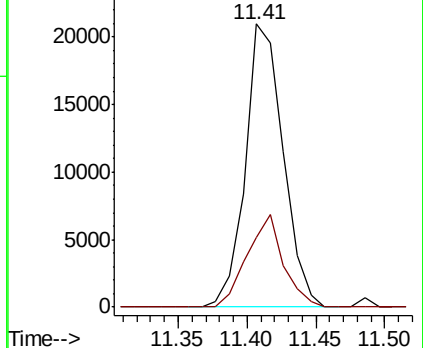
76 100

78 24.5 25.4 38.0#



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 26.549 ug/l

RT: 9.86 min Scan# 857

Delta R.T. -0.00 min

Lab File: VD062777.D

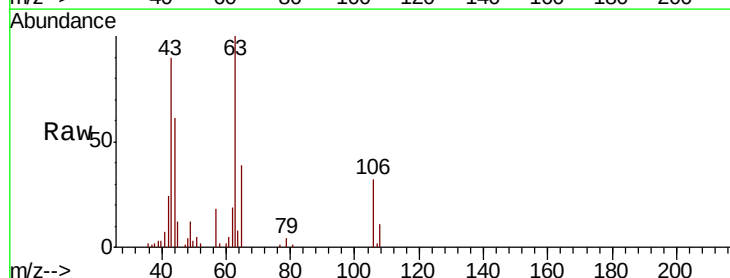
Acq: 19 Jun 2019 14:18

Tgt Ion: 63 Resp: 71826

Ion Ratio Lower Upper

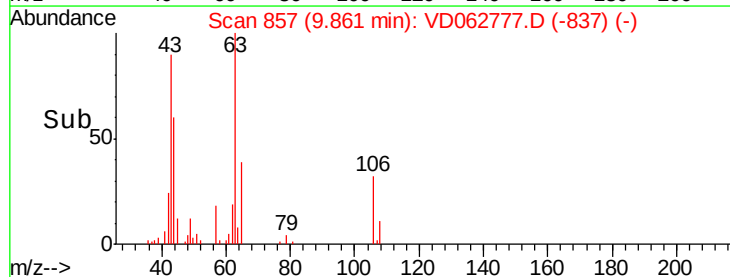
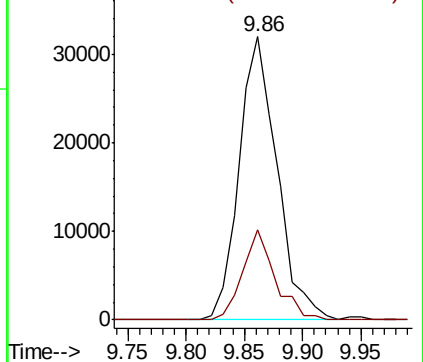
63 100

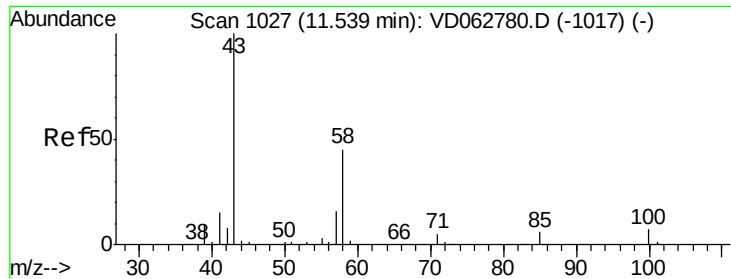
106 31.8 22.1 33.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

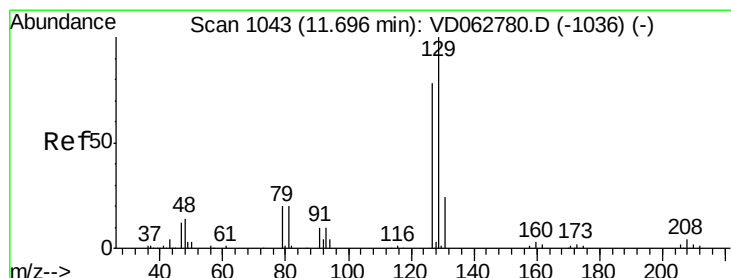
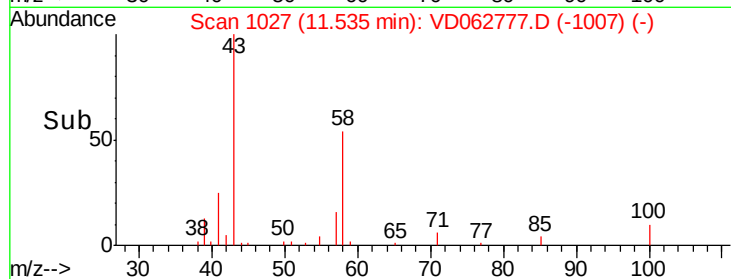
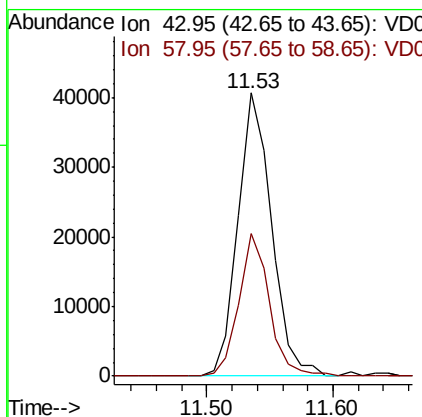
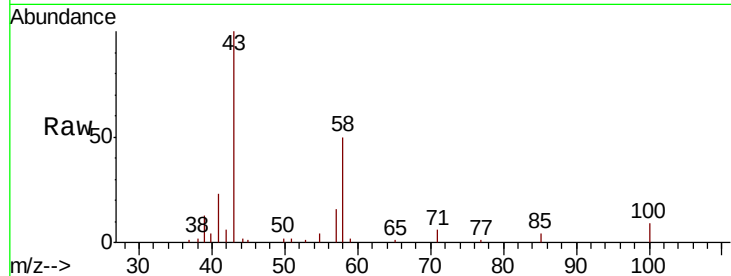




#59  
2-Hexanone  
Concen: 26.550 ug/l  
RT: 11.53 min Scan# 1027  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

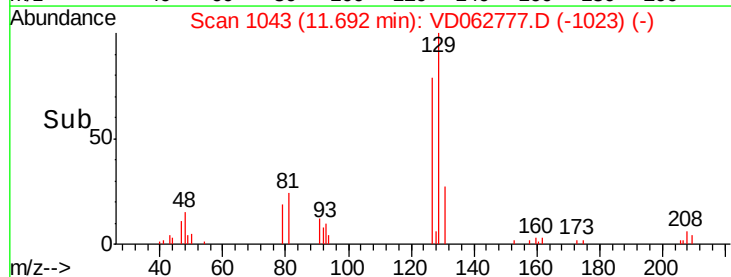
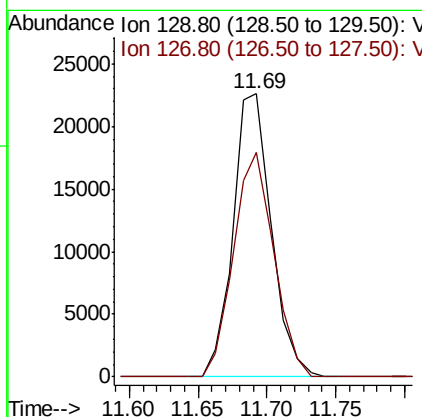
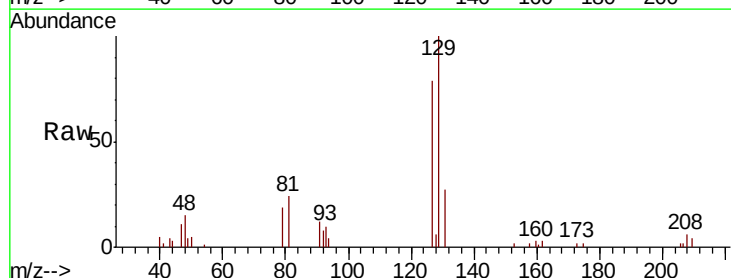
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

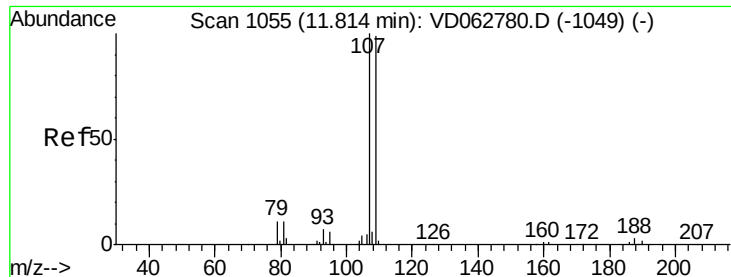
Tot Ion: 43 Resp: 74762  
Ion Ratio Lower Upper  
43 100  
58 50.5 22.4 67.2



#60  
Dibromochloromethane  
Concen: 4.766 ug/l  
RT: 11.69 min Scan# 1043  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Tgt Ion: 129 Resp: 43773  
Ion Ratio Lower Upper  
129 100  
127 79.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 4.882 ug/l

RT: 11.81 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

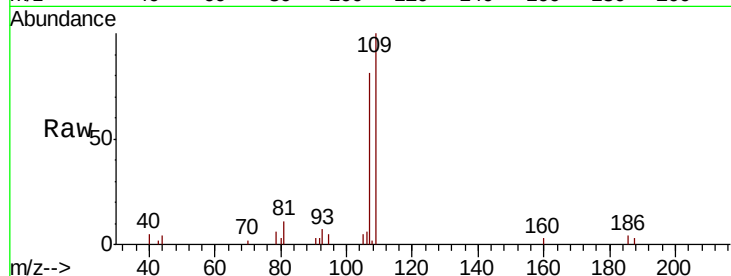
VSTDIC005

Tot Ion:107 Resp: 28430

Ion Ratio Lower Upper

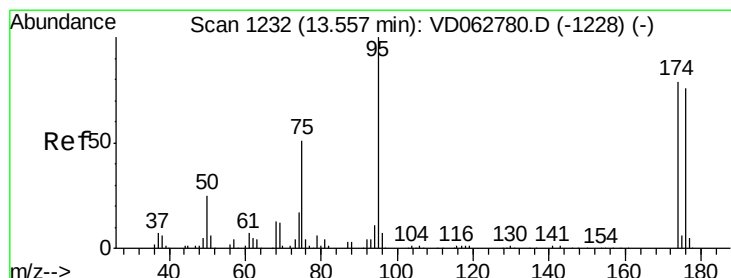
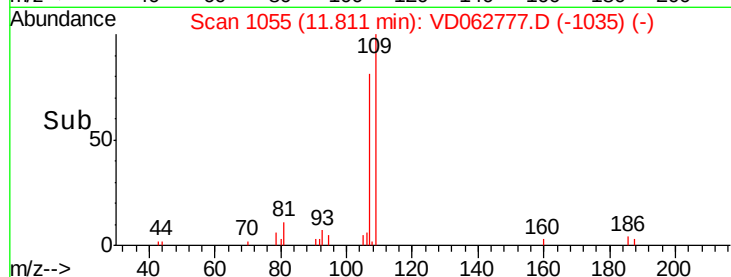
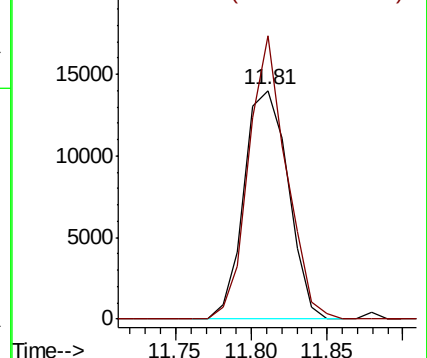
107 100

109 123.9 79.3 118.9#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 4.805 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

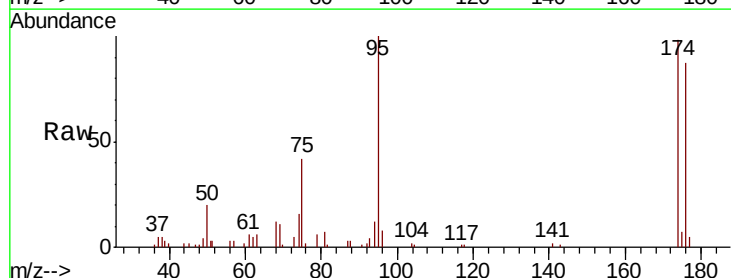
Tgt Ion: 95 Resp: 45054

Ion Ratio Lower Upper

95 100

174 98.3 0.0 158.0

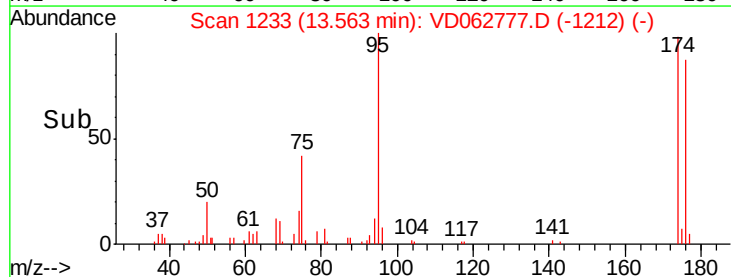
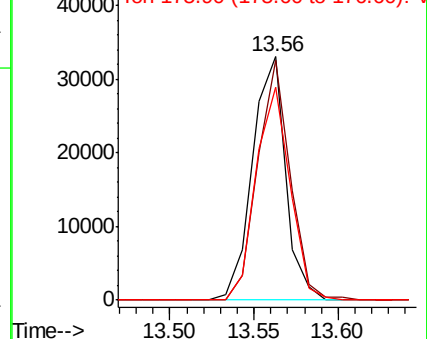
176 87.3 0.0 151.6

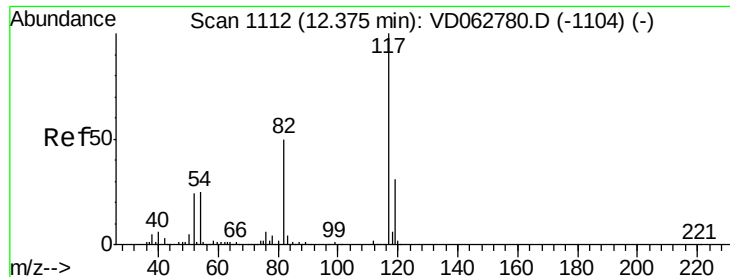


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

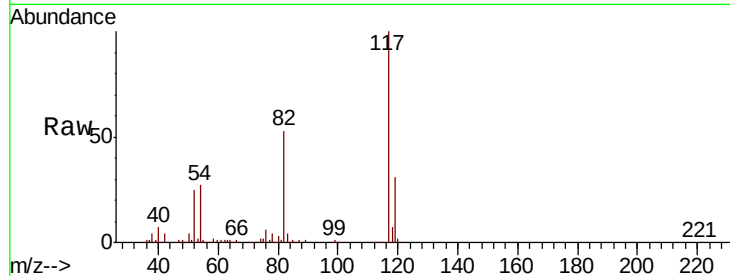




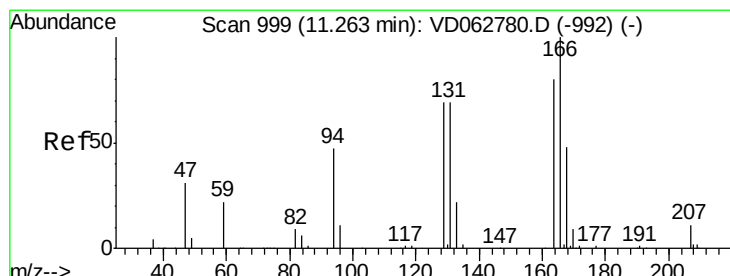
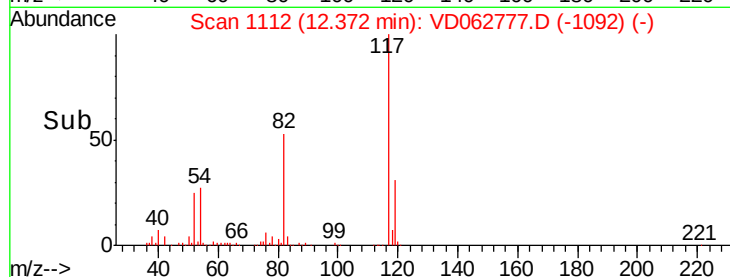
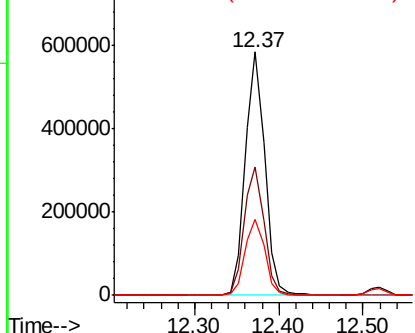
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.37 min Scan# 1112  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tot Ion:117 Resp: 945737  
Ion Ratio Lower Upper  
117 100  
82 52.8 40.4 60.6  
119 31.3 25.2 37.8

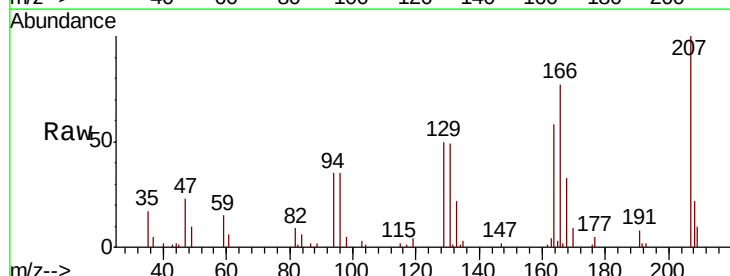


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

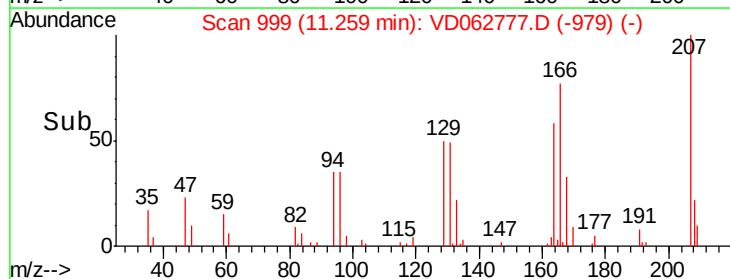
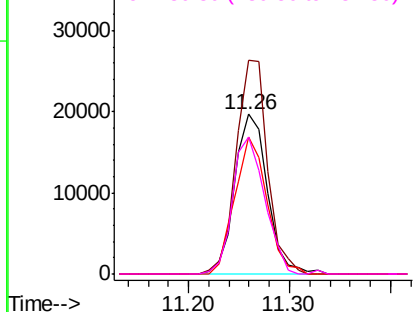


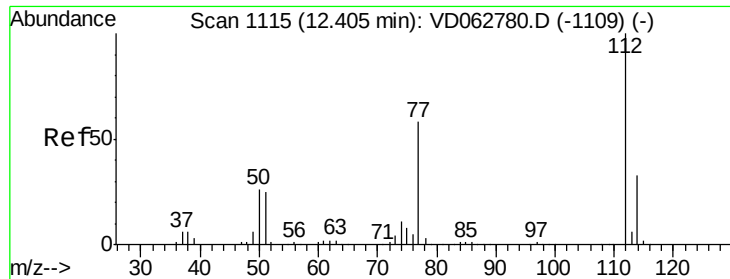
#64  
Tetrachloroethene  
Concen: 5.706 ug/l  
RT: 11.26 min Scan# 999  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Tgt Ion:164 Resp: 44415  
Ion Ratio Lower Upper  
164 100  
166 133.9 100.6 150.8  
129 86.3 69.4 104.0  
131 85.6 69.3 103.9



Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.85 (165.55 to 166.55): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

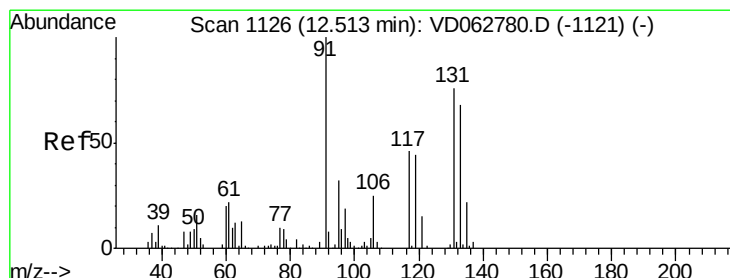
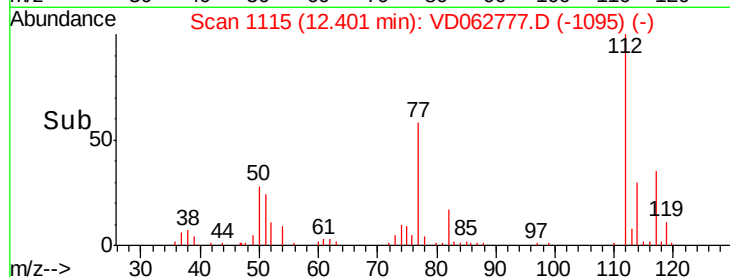
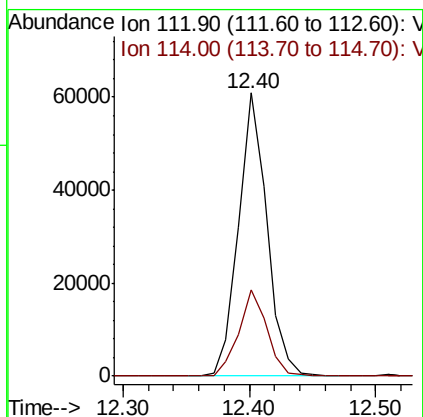
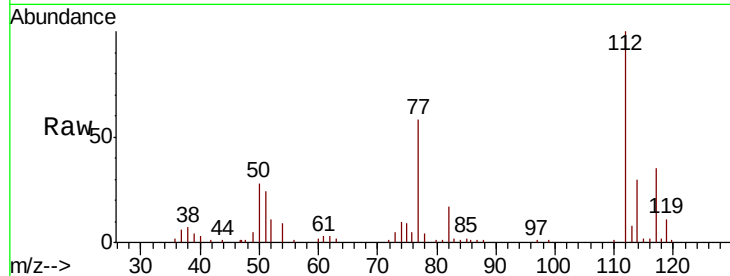




#65  
Chlorobenzene  
Concen: 5.386 ug/l  
RT: 12.40 min Scan# 1115  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

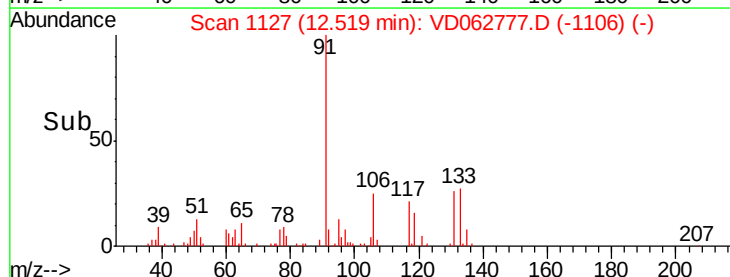
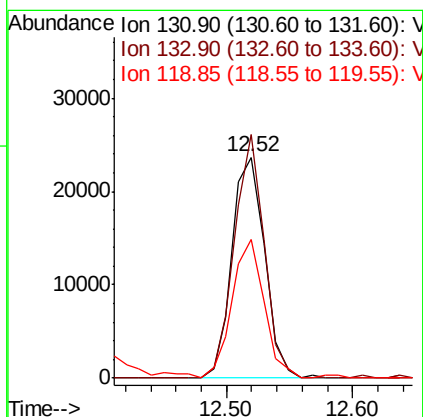
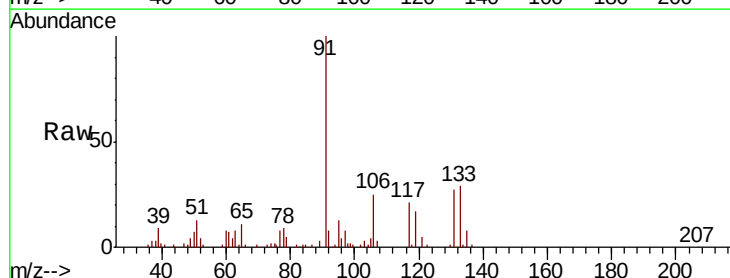
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

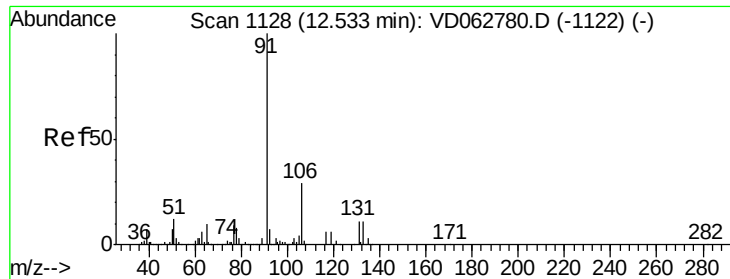
Tot Ion:112 Resp: 94542  
Ion Ratio Lower Upper  
112 100  
114 30.3 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.158 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.01 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Tgt Ion:131 Resp: 42340  
Ion Ratio Lower Upper  
131 100  
133 110.1 44.5 133.3  
119 62.8 28.6 85.9

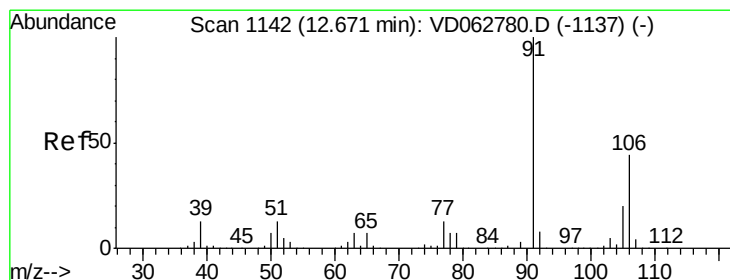
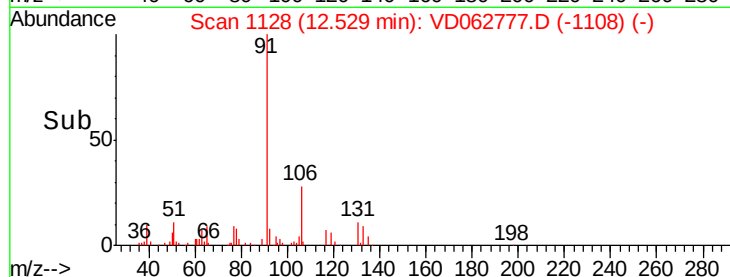
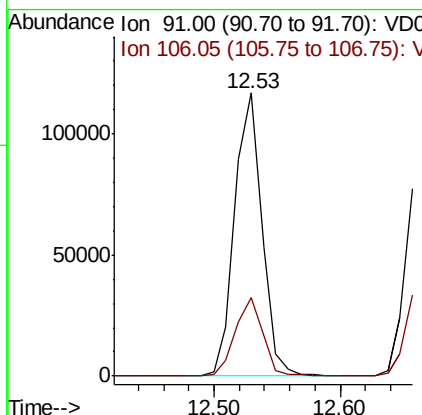
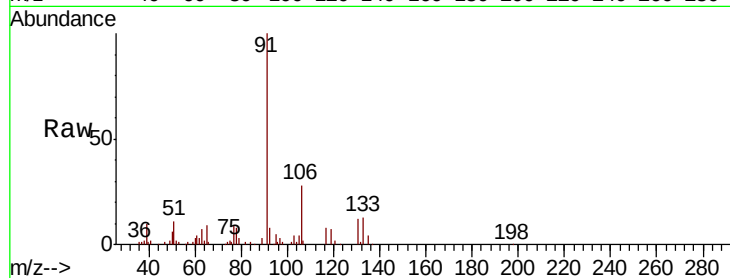




#67  
Ethyl Benzene  
Concen: 5.533 ug/l  
RT: 12.53 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

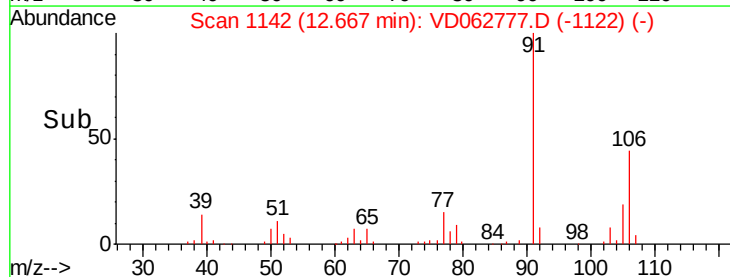
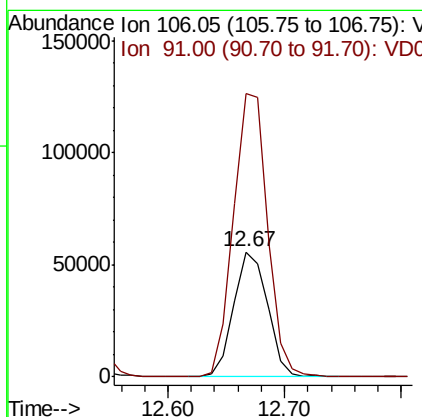
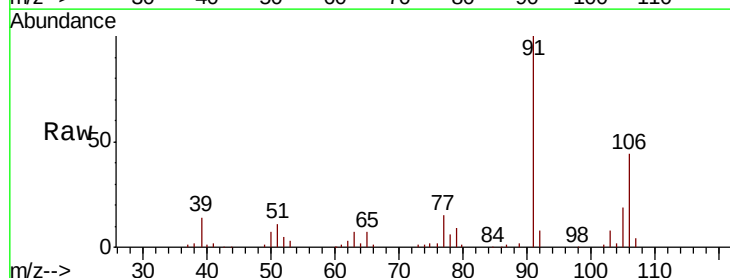
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

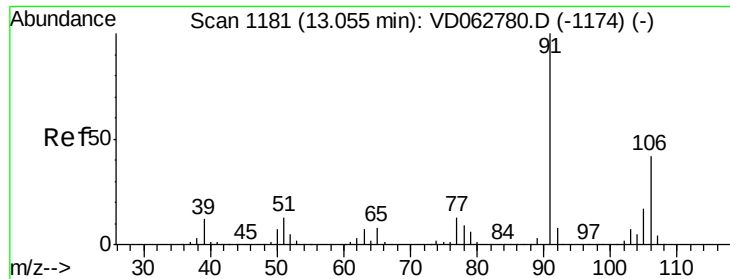
Tot Ion: 91 Resp: 174359  
Ion Ratio Lower Upper  
91 100  
106 27.7 23.1 34.7



#68  
m/p-Xylenes  
Concen: 10.165 ug/l  
RT: 12.67 min Scan# 1142  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Tgt Ion: 106 Resp: 111568  
Ion Ratio Lower Upper  
106 100  
91 226.0 183.0 274.6

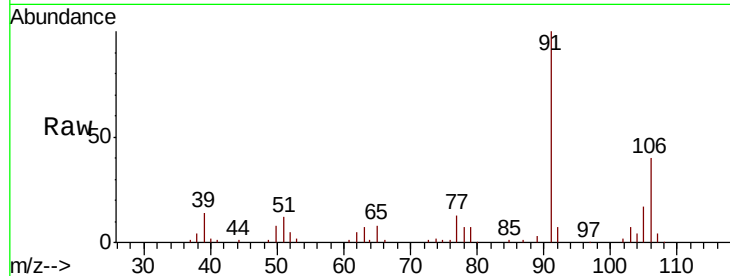




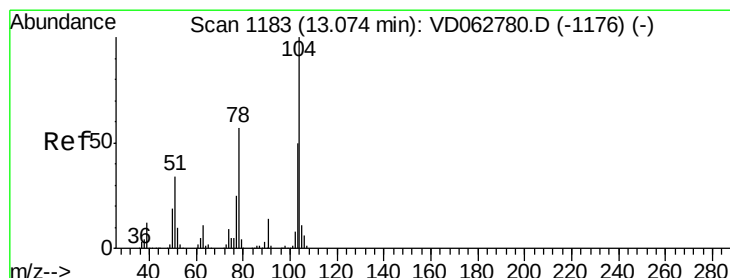
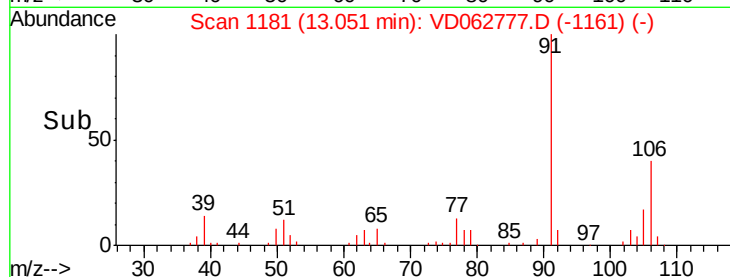
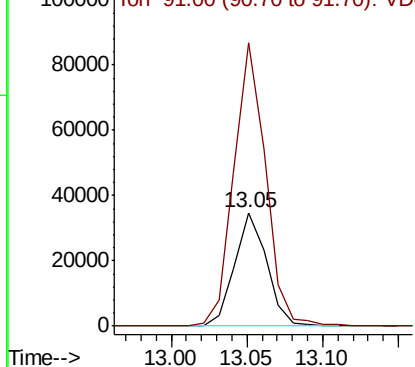
#69  
o-Xylene  
Concen: 5.061 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tot Ion:106 Resp: 50780  
Ion Ratio Lower Upper  
106 100  
91 250.2 117.9 353.6

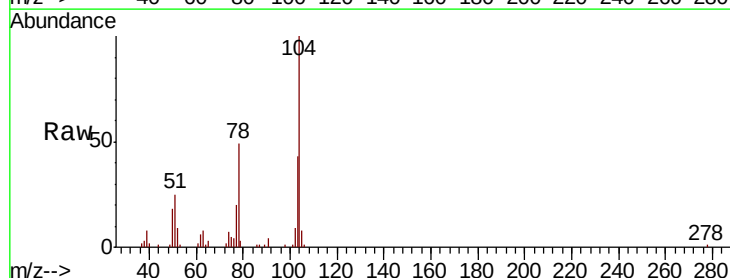


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

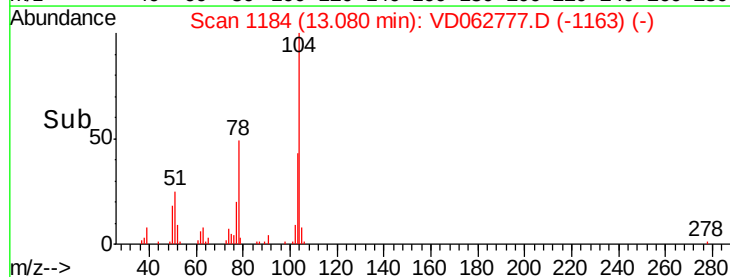
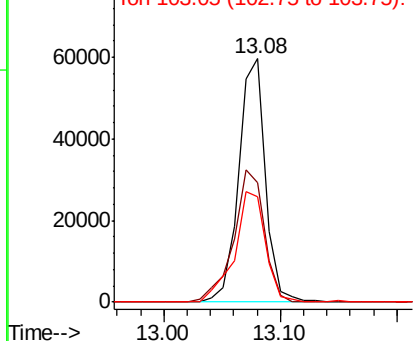


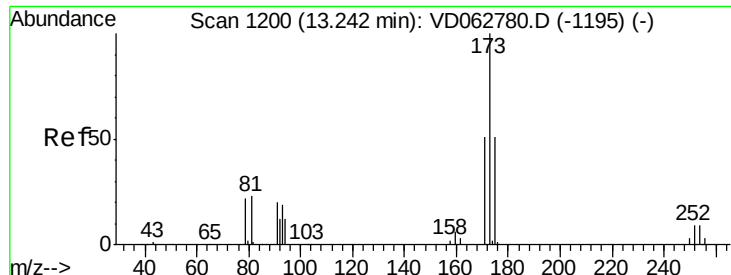
#70  
Styrene  
Concen: 5.368 ug/l  
RT: 13.08 min Scan# 1184  
Delta R.T. 0.01 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Tgt Ion:104 Resp: 94597  
Ion Ratio Lower Upper  
104 100  
78 48.9 45.4 68.2  
103 43.3 39.7 59.5



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





#71

Bromoform

Concen: 4.840 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

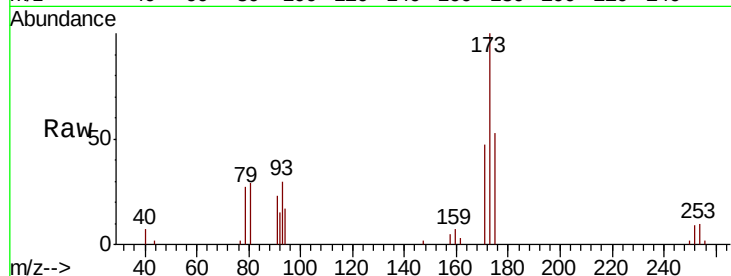
Tot Ion:173 Resp: 27221

Ion Ratio Lower Upper

173 100

175 52.7 25.3 75.9

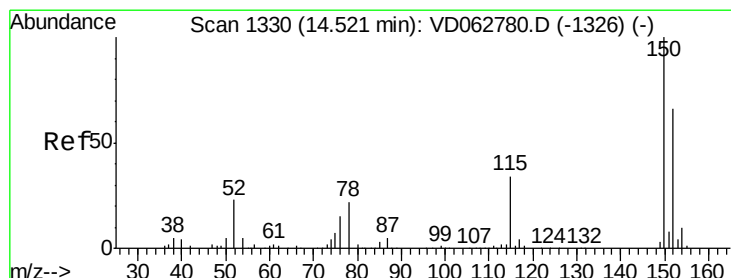
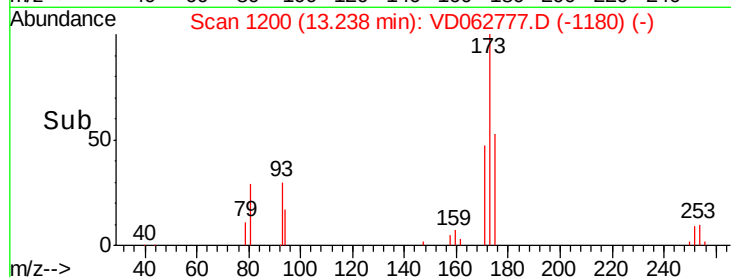
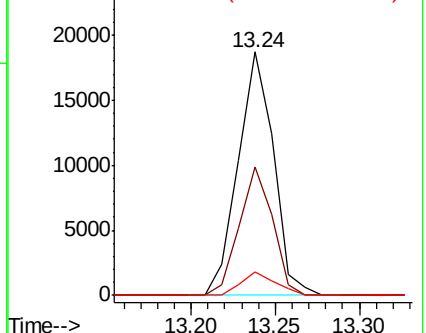
254 9.8 7.1 10.7



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

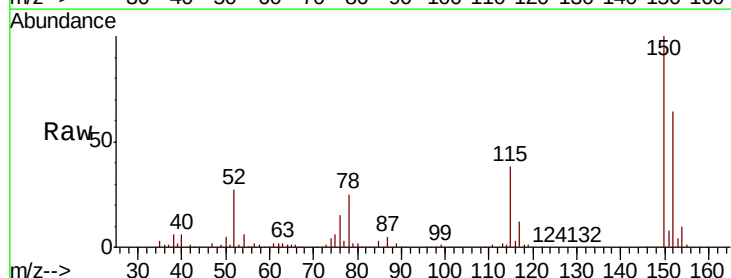
Tgt Ion:152 Resp: 489956

Ion Ratio Lower Upper

152 100

115 58.3 29.2 87.6

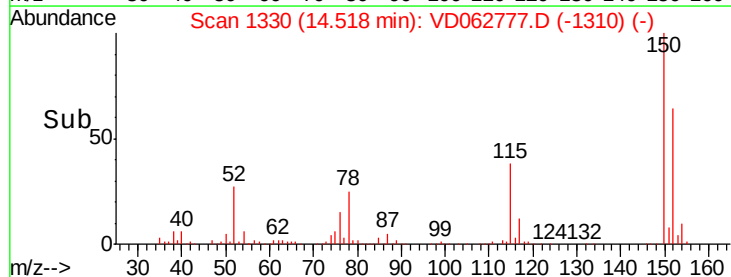
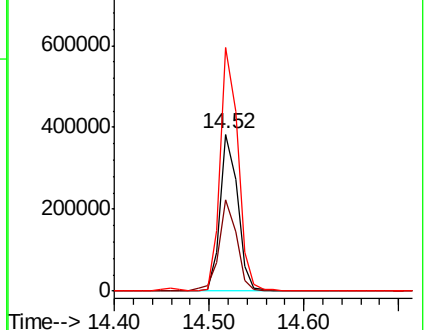
150 155.4 0.0 305.8



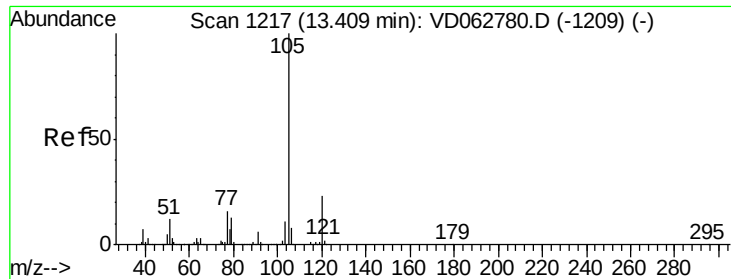
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 5.702 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

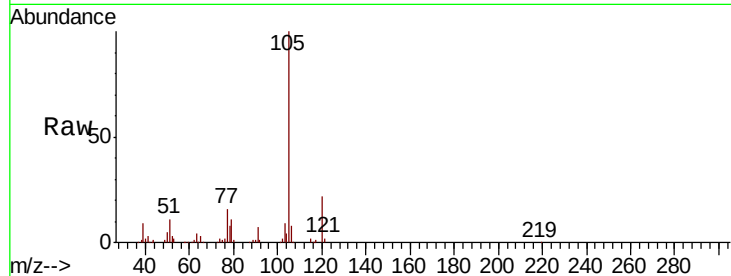
VSTDIC005

Tot Ion:105 Resp: 179127

Ion Ratio Lower Upper

105 100

120 22.5 11.6 34.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

150000

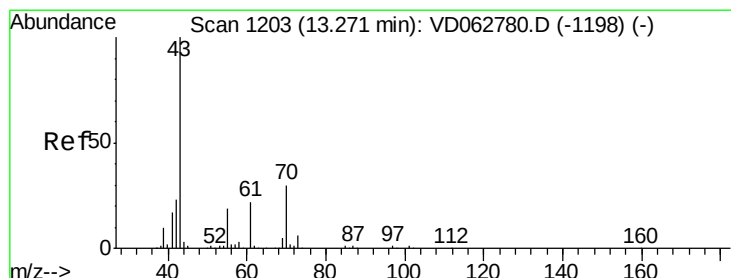
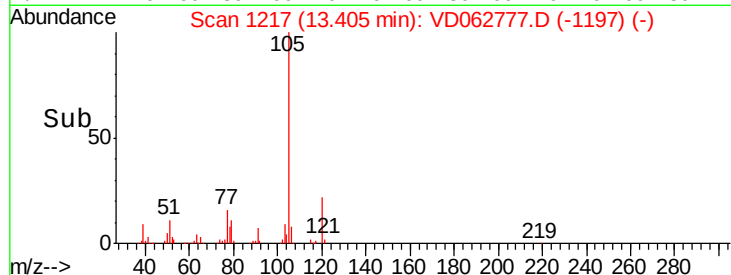
13.41

100000

50000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 5.342 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Tgt Ion: 43 Resp: 40757

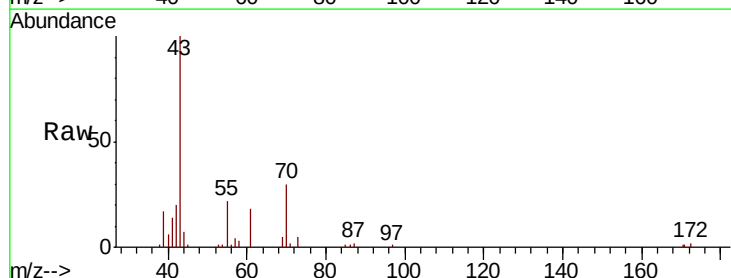
Ion Ratio Lower Upper

43 100

70 29.9 24.4 36.6

55 21.7 15.2 22.8

61 18.1 17.4 26.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC

40000

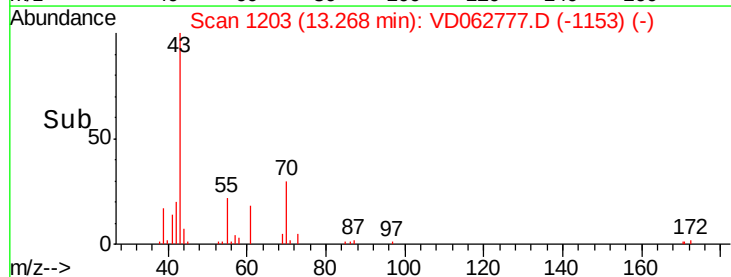
30000

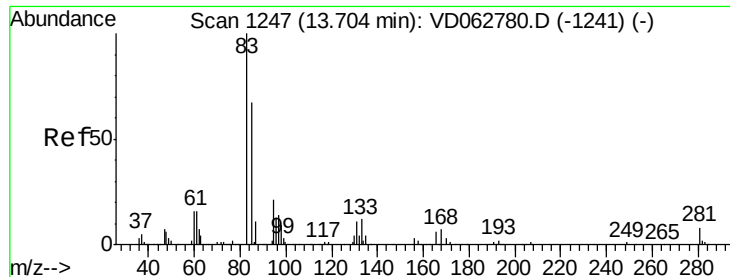
20000

10000

0

Time--> 13.20 13.25 13.30 13.35





#75

1,1,2,2-Tetrachloroethane

Concen: 5.731 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

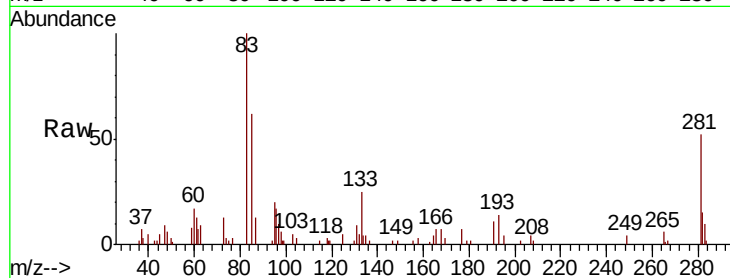
Tot Ion: 83 Resp: 29336

Ion Ratio Lower Upper

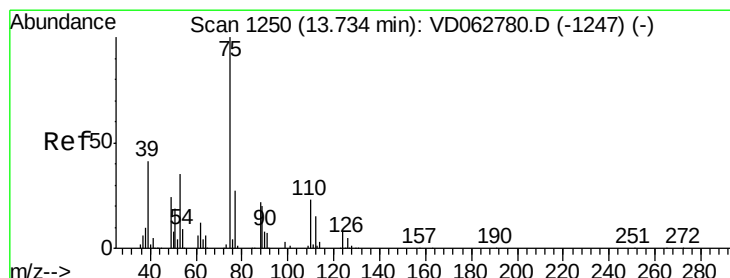
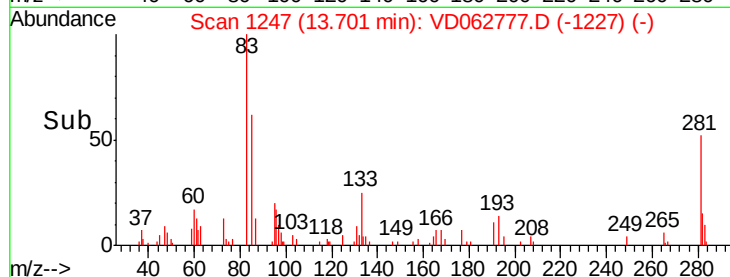
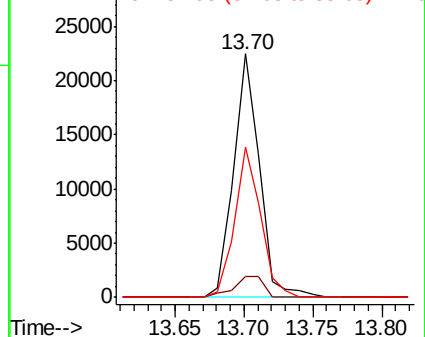
83 100

131 8.8 5.3 16.1

85 61.7 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: 5.840 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.01 min

Lab File: VD062777.D

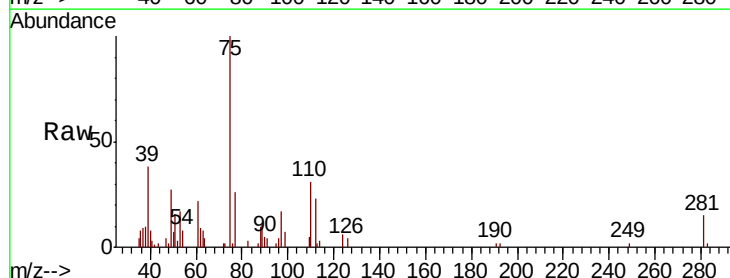
Acq: 19 Jun 2019 14:18

Tgt Ion: 75 Resp: 33031

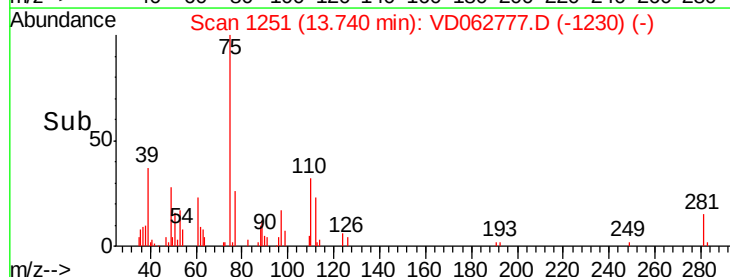
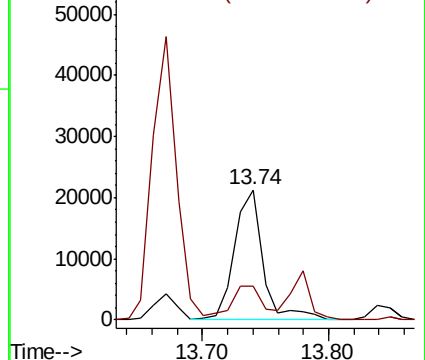
Ion Ratio Lower Upper

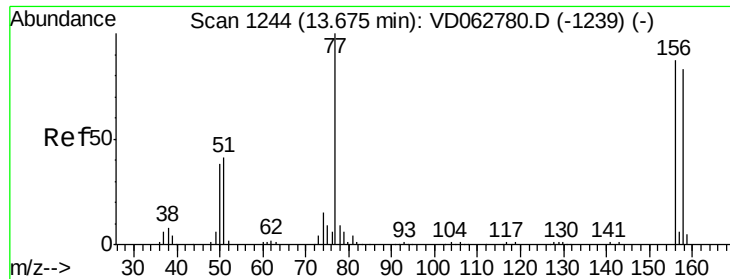
75 100

77 25.7 15.0 45.1



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





#77

Bromobenzene

Concen: 5.800 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

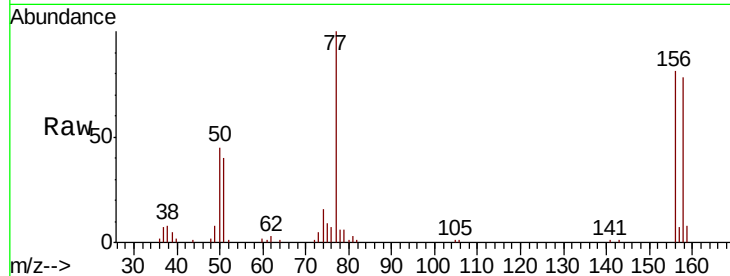
Tot Ion:156 Resp: 49008

Ion Ratio Lower Upper

156 100

77 123.1 57.7 173.1

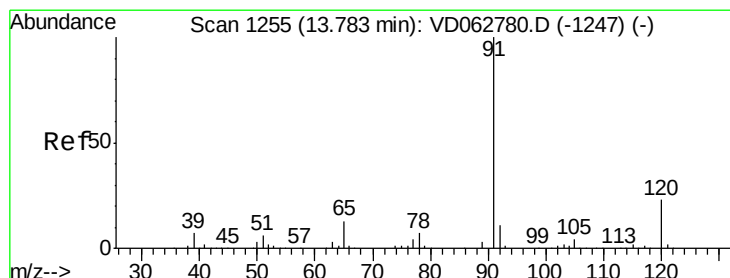
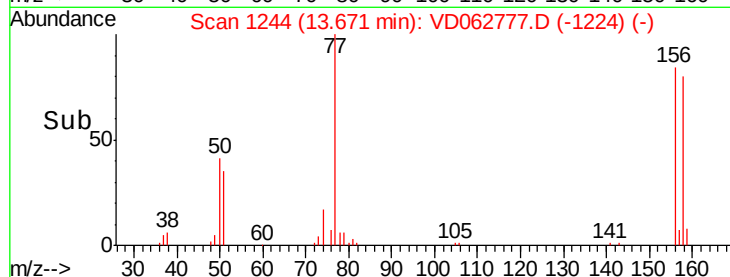
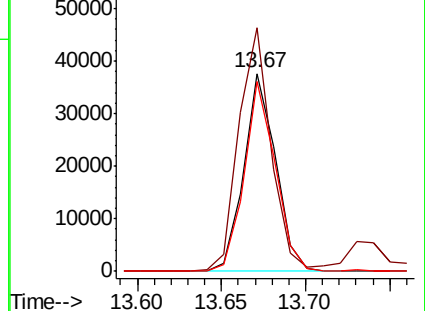
158 96.0 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 5.729 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VD062777.D

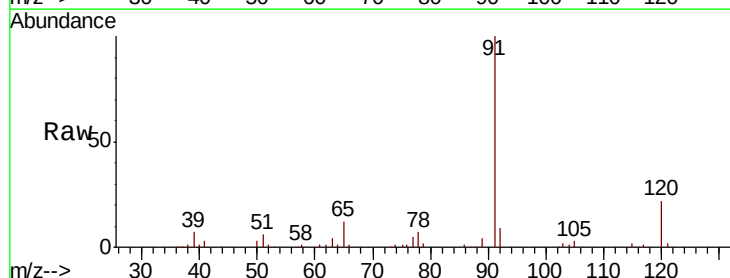
Acq: 19 Jun 2019 14:18

Tgt Ion: 91 Resp: 209491

Ion Ratio Lower Upper

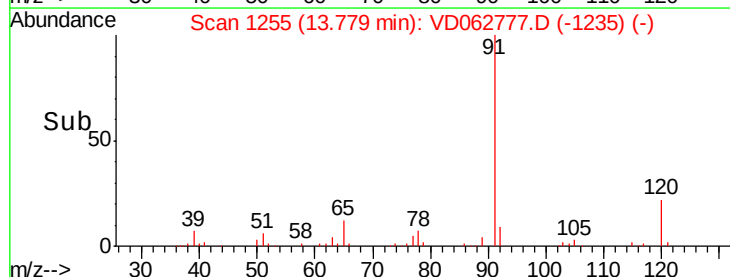
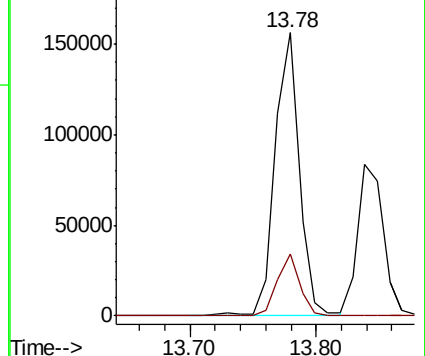
91 100

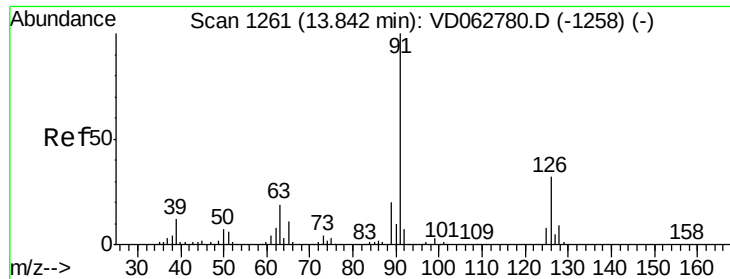
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

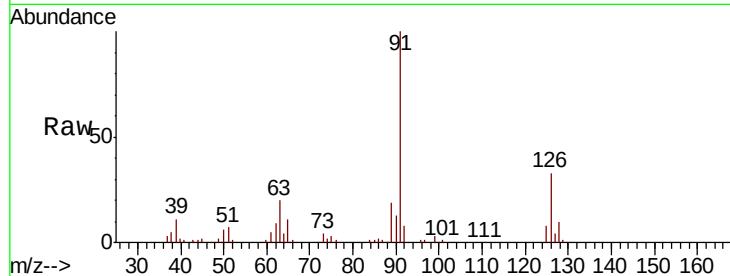




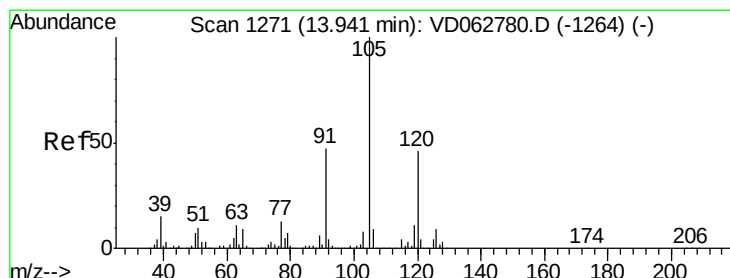
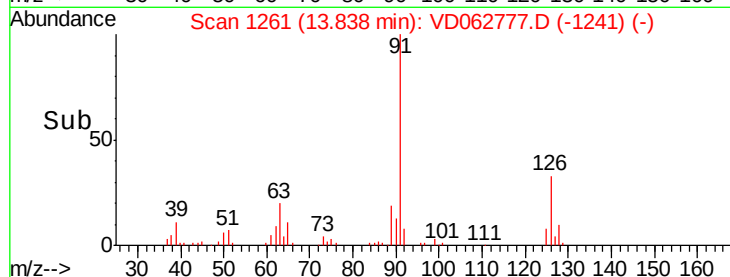
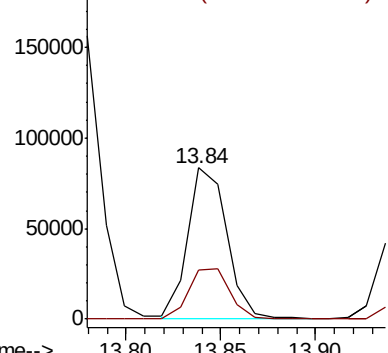
#79  
 2-Chlorotoluene  
 Concen: 5.735 ug/l  
 RT: 13.84 min Scan# 1261  
 Delta R.T. -0.00 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 91 Resp: 119720  
 Ion Ratio Lower Upper  
 91 100  
 126 32.8 15.7 47.1

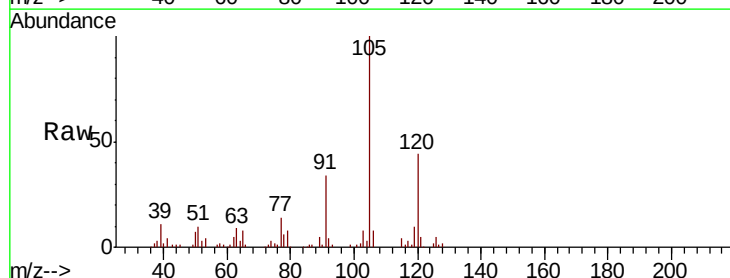


Abundance Ion 91.00 (90.70 to 91.70): V  
 Ion 125.95 (125.65 to 126.65): V

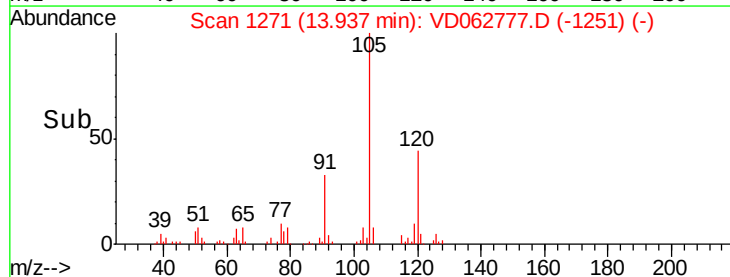
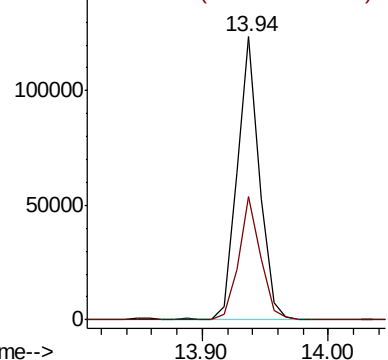


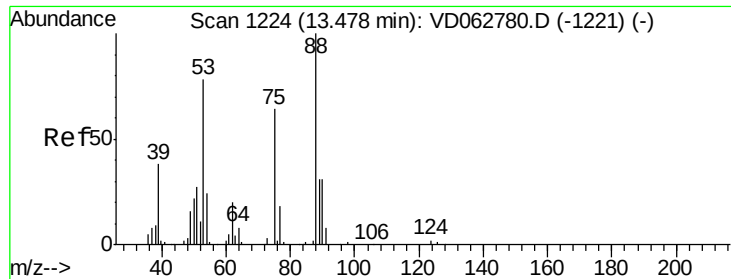
#80  
 1,3,5-Trimethylbenzene  
 Concen: 5.742 ug/l  
 RT: 13.94 min Scan# 1271  
 Delta R.T. -0.00 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

Tgt Ion: 105 Resp: 151529  
 Ion Ratio Lower Upper  
 105 100  
 120 43.6 23.1 69.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 4.598 ug/l

RT: 13.47 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

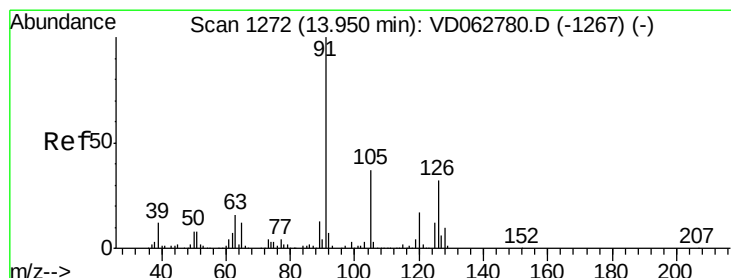
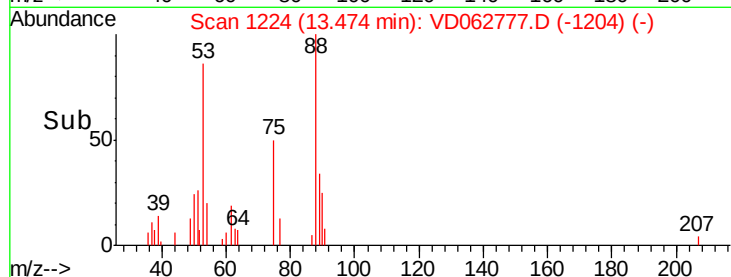
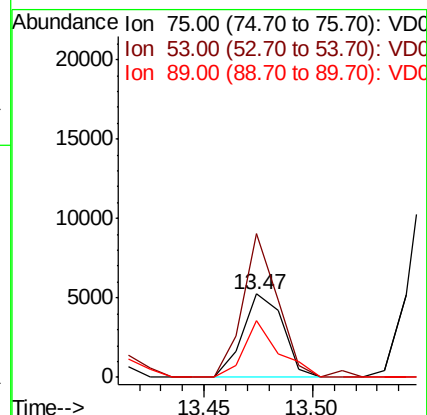
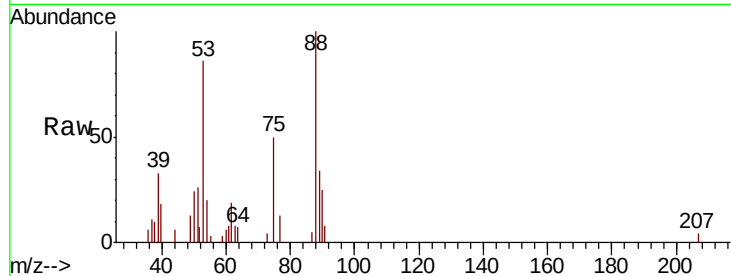
Tot Ion: 75 Resp: 6816

Ion Ratio Lower Upper

75 100

53 172.5 97.8 146.8#

89 68.9 39.4 59.2#



#82

4-Chlorotoluene

Concen: 5.653 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VD062777.D

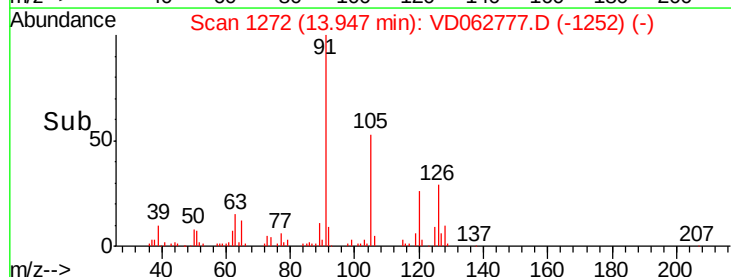
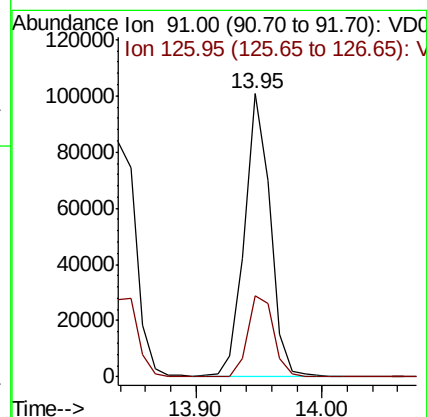
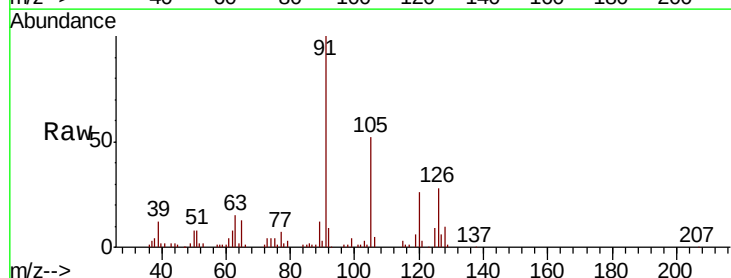
Acq: 19 Jun 2019 14:18

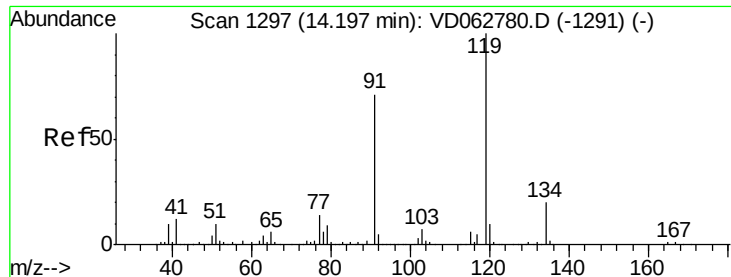
Tgt Ion: 91 Resp: 142199

Ion Ratio Lower Upper

91 100

126 28.5 16.0 47.9

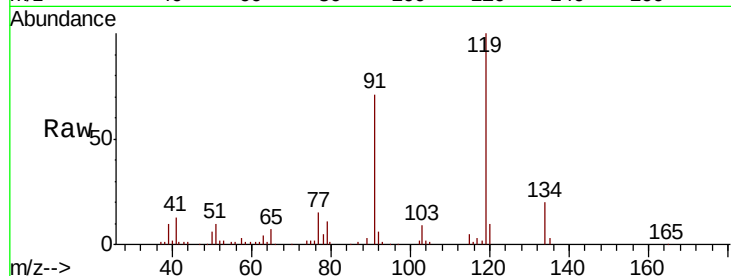




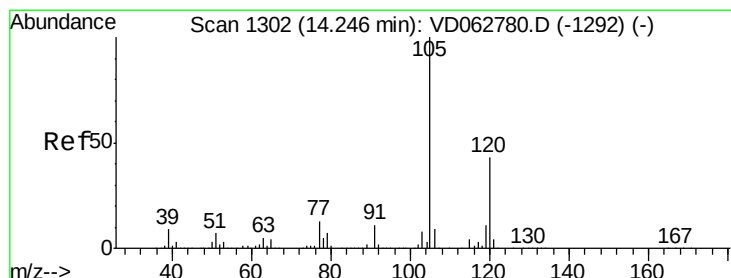
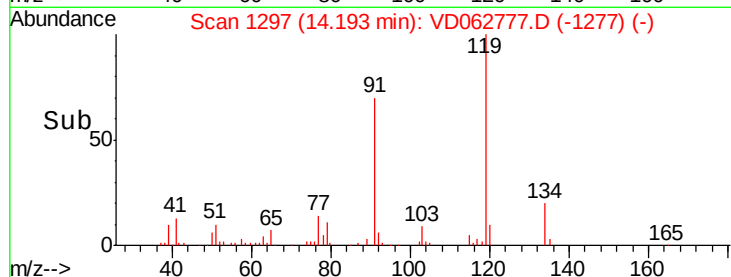
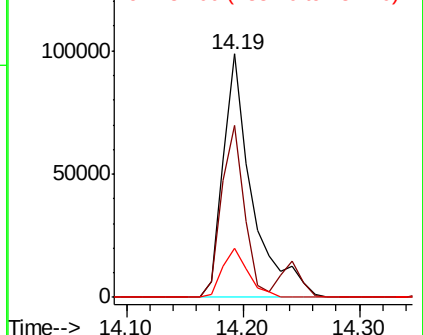
#83  
 tert-Butylbenzene  
 Concen: 5.806 ug/l  
 RT: 14.19 min Scan# 1297  
 Delta R.T. -0.00 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Tot Ion:119 Resp: 170760  
 Ion Ratio Lower Upper  
 119 100  
 91 70.5 35.5 106.5  
 134 20.2 10.2 30.6

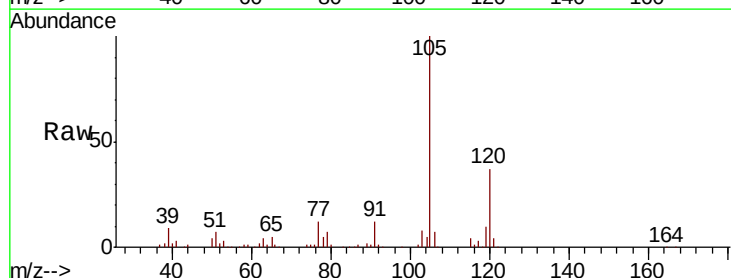


Abundance Ion 119.05 (118.75 to 119.75): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

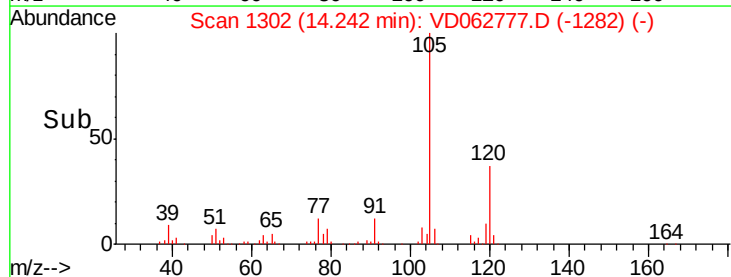
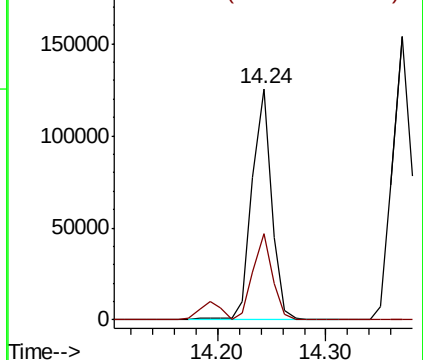


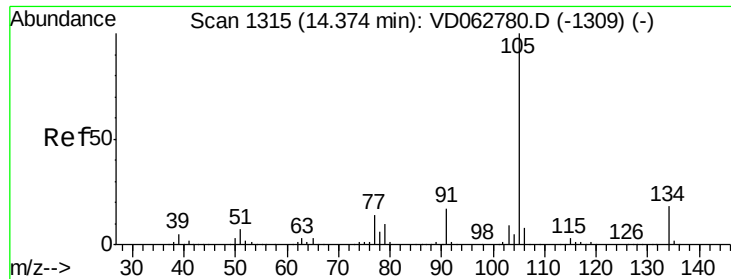
#84  
 1,2,4-Trimethylbenzene  
 Concen: 5.872 ug/l  
 RT: 14.24 min Scan# 1302  
 Delta R.T. -0.00 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

Tgt Ion:105 Resp: 158823  
 Ion Ratio Lower Upper  
 105 100  
 120 37.1 21.3 63.9



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

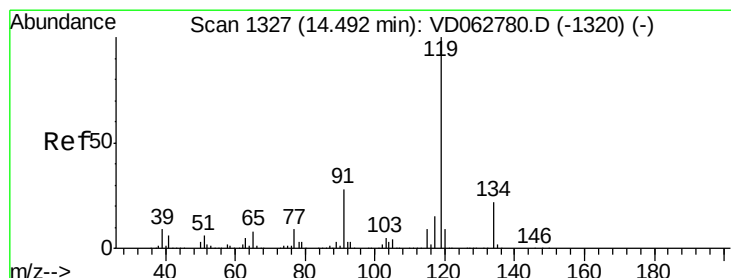
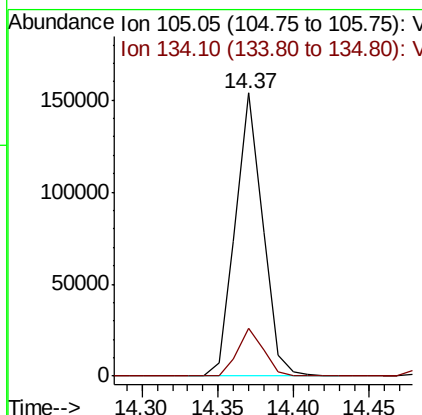
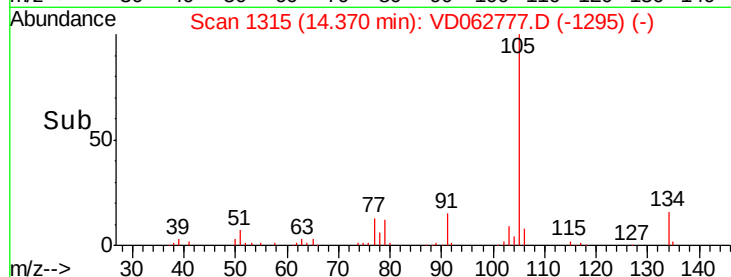
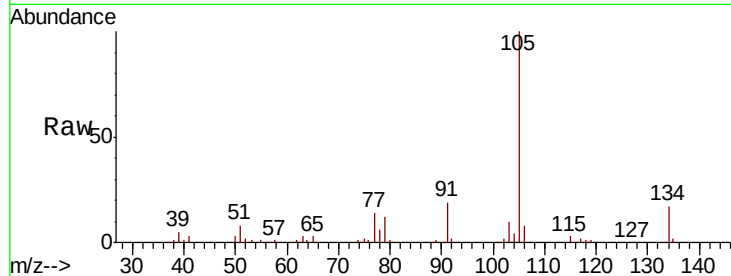




#85  
 sec-Butylbenzene  
 Concen: 6.033 ug/l  
 RT: 14.37 min Scan# 1315  
 Delta R.T. -0.00 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

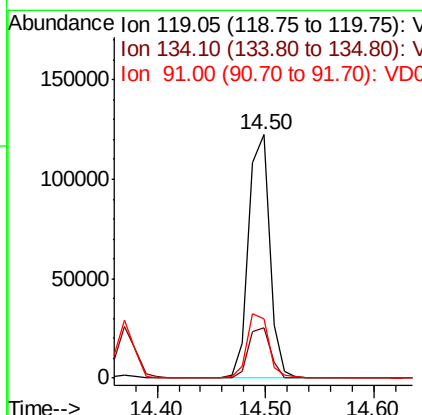
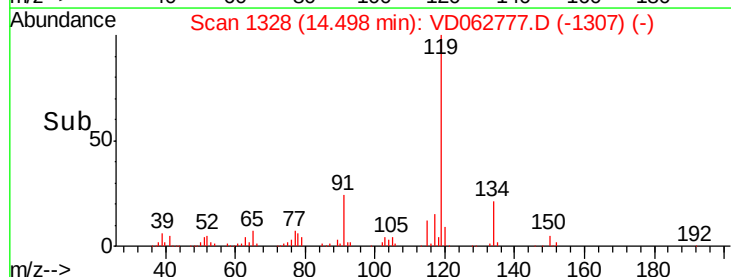
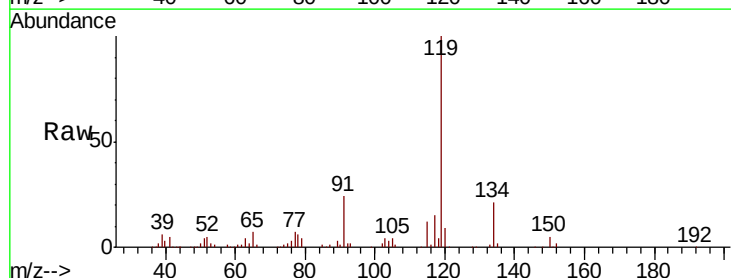
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

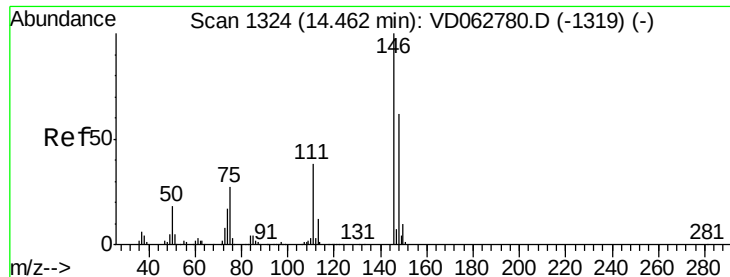
Tot Ion:105 Resp: 192865  
 Ion Ratio Lower Upper  
 105 100  
 134 17.0 9.1 27.3



#86  
 p-Isopropyltoluene  
 Concen: 5.711 ug/l  
 RT: 14.50 min Scan# 1328  
 Delta R.T. 0.01 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

Tgt Ion:119 Resp: 167015  
 Ion Ratio Lower Upper  
 119 100  
 134 20.8 11.1 33.1  
 91 24.3 14.0 41.9

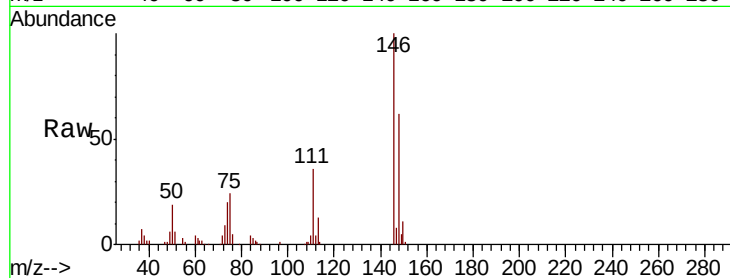




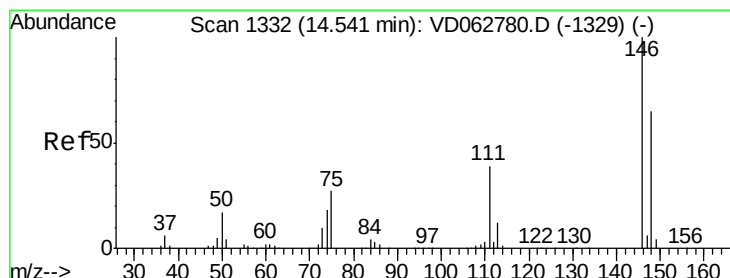
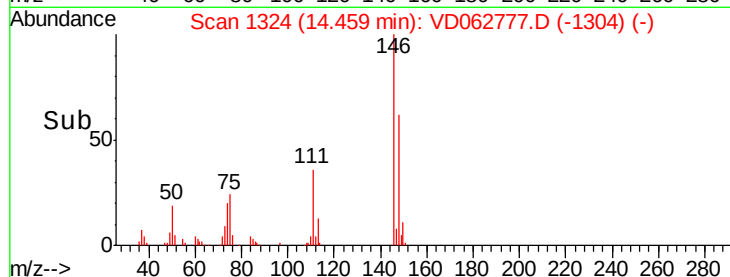
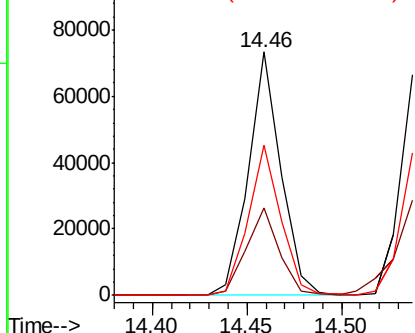
#87  
 1,3-Dichlorobenzene  
 Concen: 5.779 ug/l  
 RT: 14.46 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.8  | 19.0  | 57.0  |
| 148     | 61.7  | 30.8  | 92.3  |

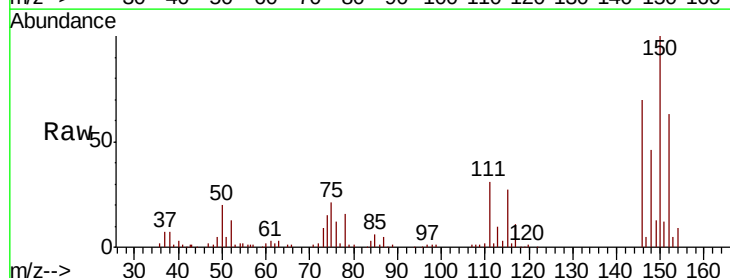


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

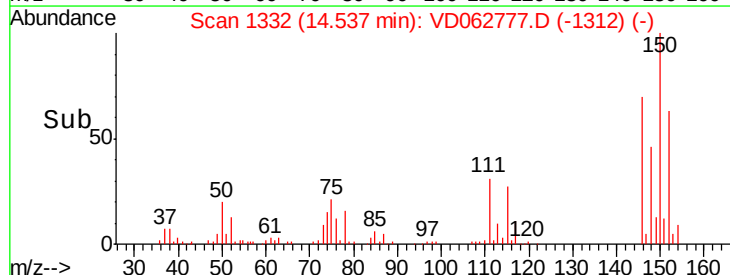
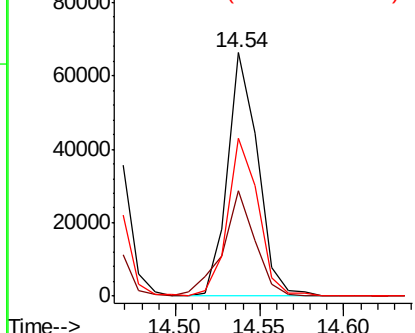


#88  
 1,4-Dichlorobenzene  
 Concen: 5.451 ug/l  
 RT: 14.54 min Scan# 1332  
 Delta R.T. -0.00 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

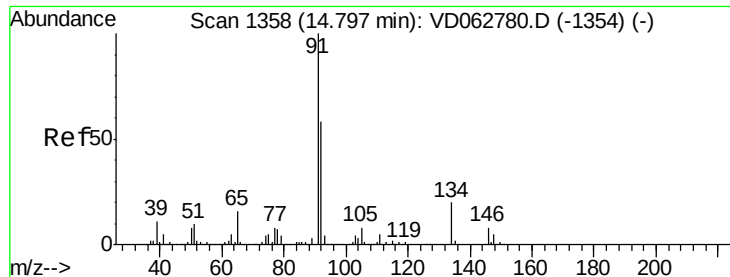
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.3  | 19.7  | 59.1  |
| 148     | 64.8  | 32.8  | 98.3  |



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







#89

n-Butylbenzene

Concen: 5.832 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.01 min

Lab File: VD062777.D

Acq: 19 Jun 2019 14:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

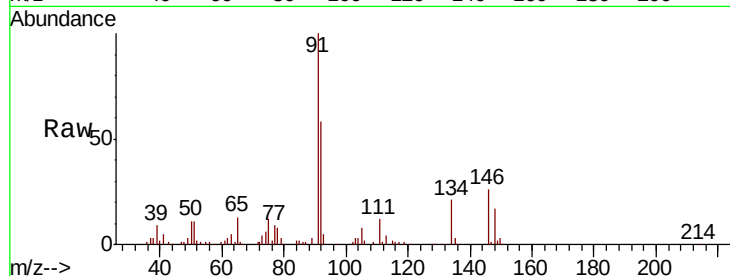
Tot Ion: 91 Resp: 159627

Ion Ratio Lower Upper

91 100

92 57.6 28.9 86.7

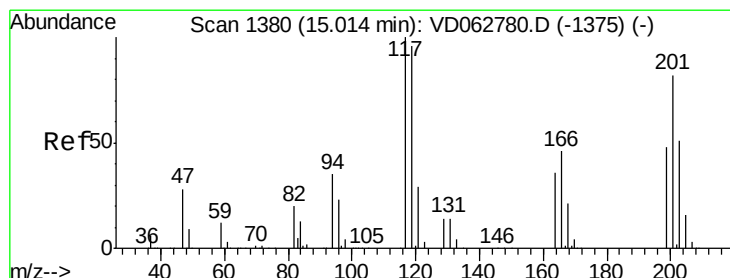
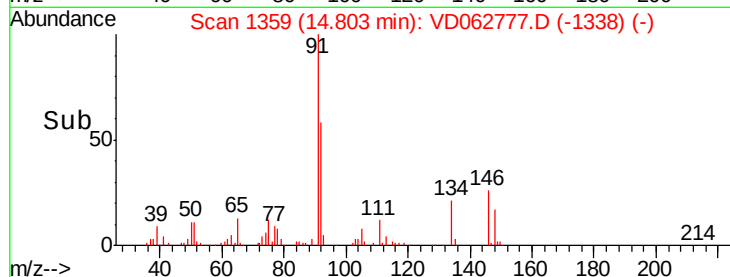
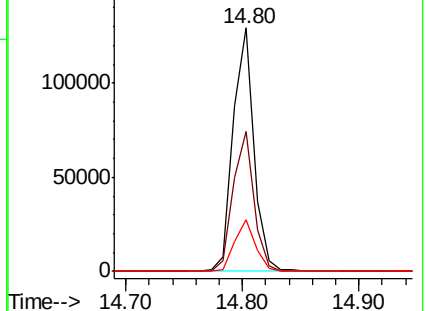
134 21.0 10.1 30.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 5.440 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VD062777.D

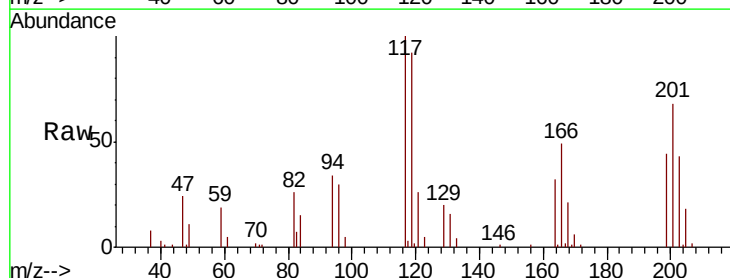
Acq: 19 Jun 2019 14:18

Tgt Ion: 117 Resp: 42779

Ion Ratio Lower Upper

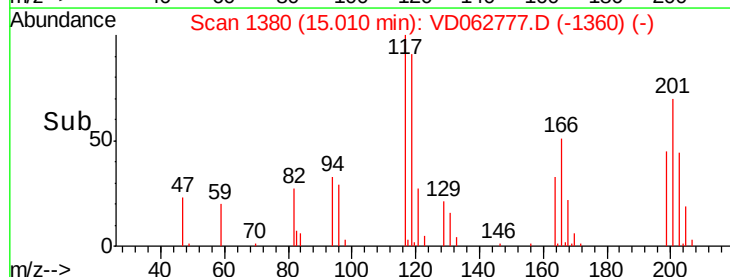
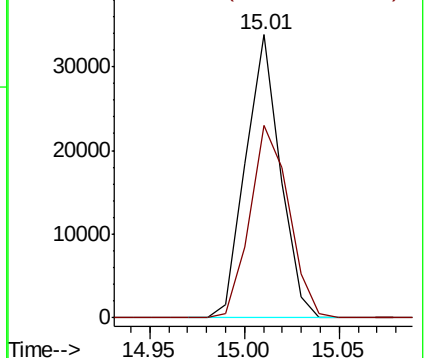
117 100

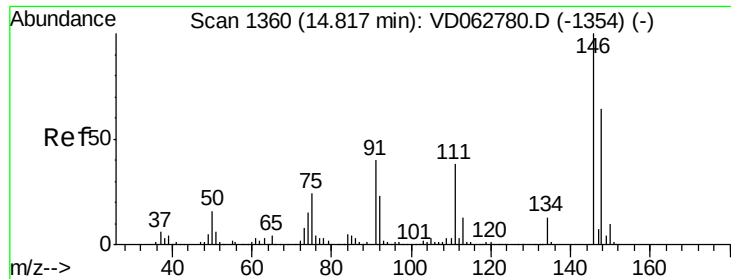
201 68.0 40.8 122.2



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

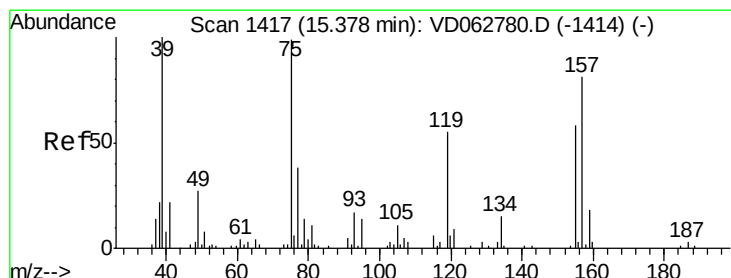
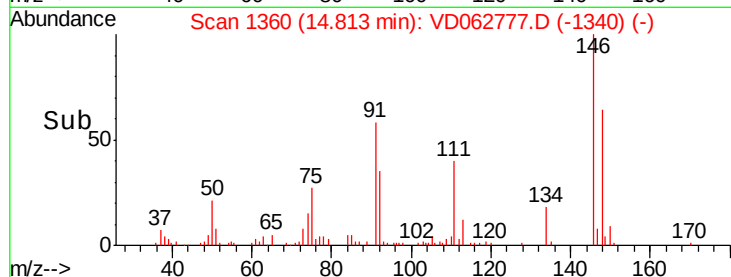
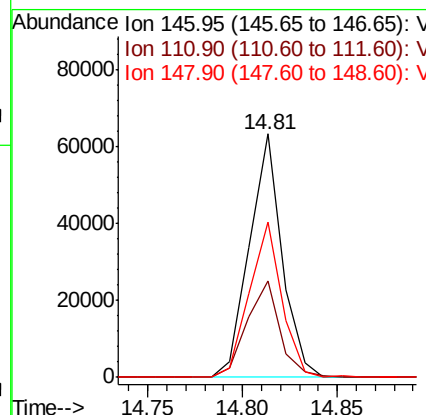
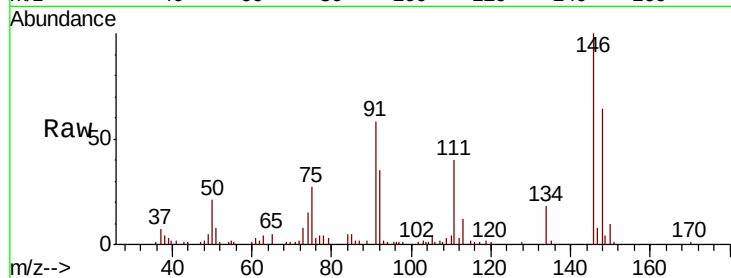




#91  
 1,2-Dichlorobenzene  
 Concen: 5.832 ug/l  
 RT: 14.81 min Scan# 1360  
 Delta R.T. -0.00 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

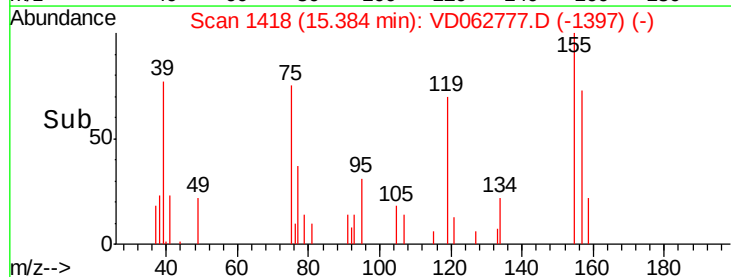
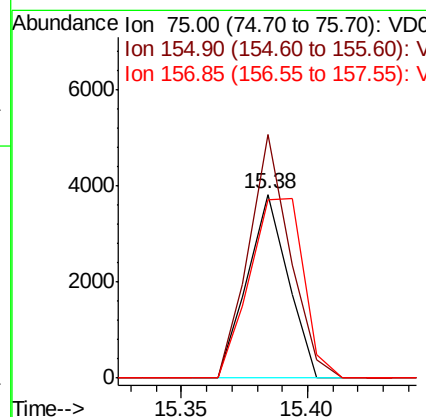
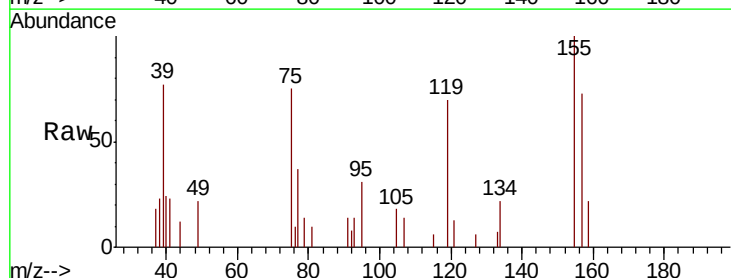
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

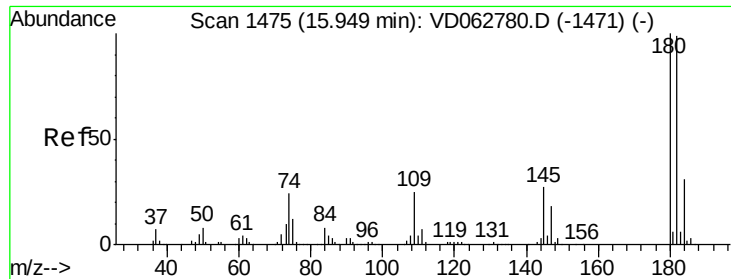
Tot Ion:146 Resp: 75572  
 Ion Ratio Lower Upper  
 146 100  
 111 39.6 19.1 57.1  
 148 63.6 32.3 96.8



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.281 ug/l  
 RT: 15.38 min Scan# 1418  
 Delta R.T. 0.01 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

Tgt Ion: 75 Resp: 4277  
 Ion Ratio Lower Upper  
 75 100  
 155 132.7 29.3 87.8#  
 157 96.9 41.3 123.7

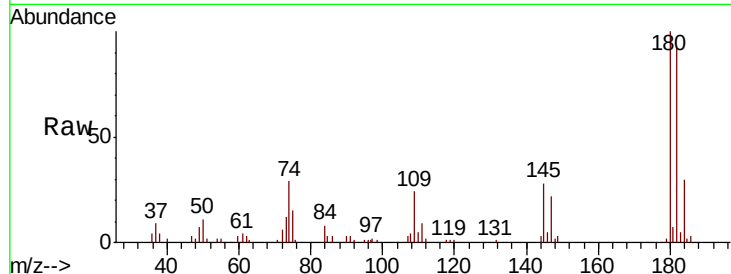




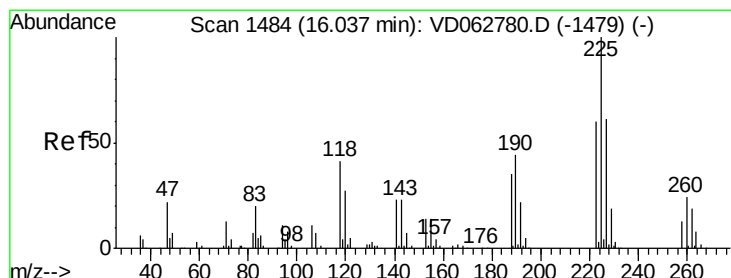
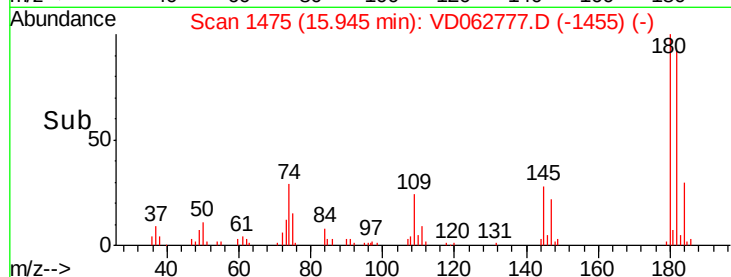
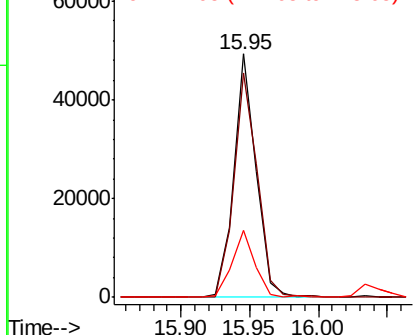
#93  
 1,2,4-Trichlorobenzene  
 Concen: 5.465 ug/l  
 RT: 15.95 min Scan# 1475  
 Delta R.T. -0.00 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Tot Ion:180 Resp: 55324  
 Ion Ratio Lower Upper  
 180 100  
 182 92.2 49.5 148.5  
 145 27.7 13.7 41.0

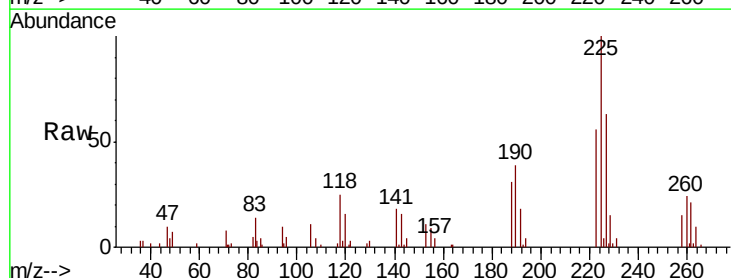


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

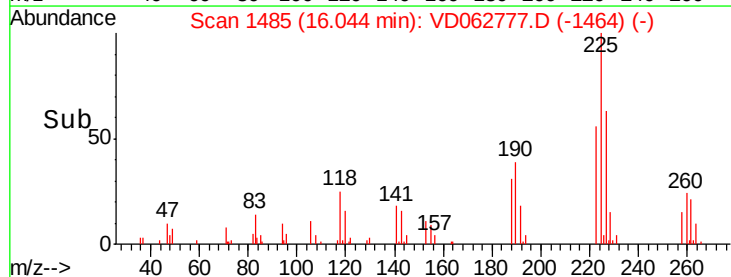
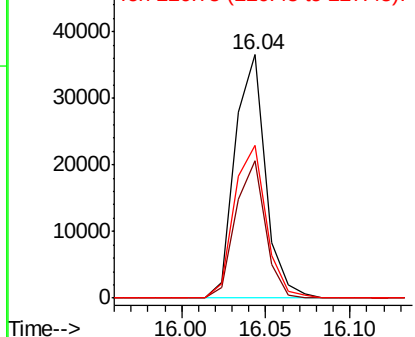


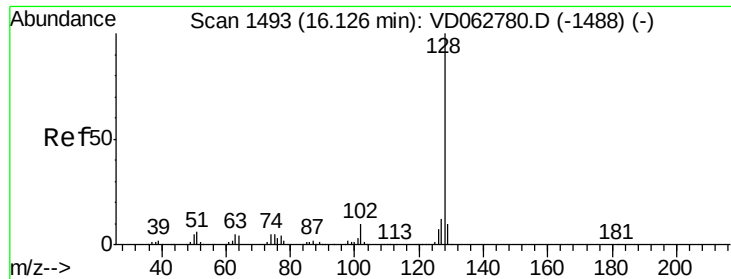
#94  
 Hexachlorobutadiene  
 Concen: 5.939 ug/l  
 RT: 16.04 min Scan# 1485  
 Delta R.T. 0.01 min  
 Lab File: VD062777.D  
 Acq: 19 Jun 2019 14:18

Tgt Ion:225 Resp: 45930  
 Ion Ratio Lower Upper  
 225 100  
 223 56.3 29.8 89.5  
 227 62.8 30.6 91.6



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

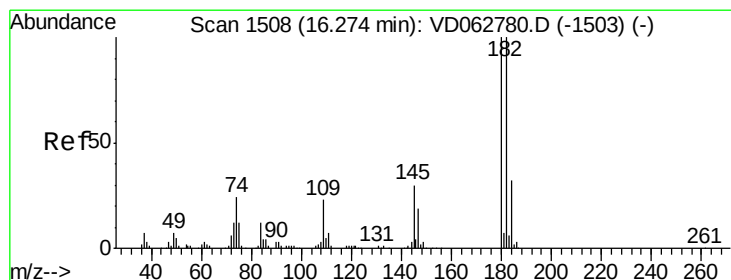
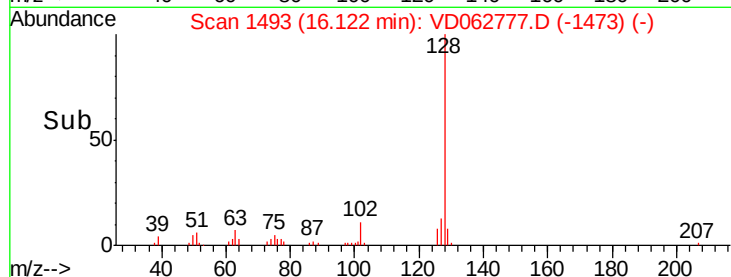
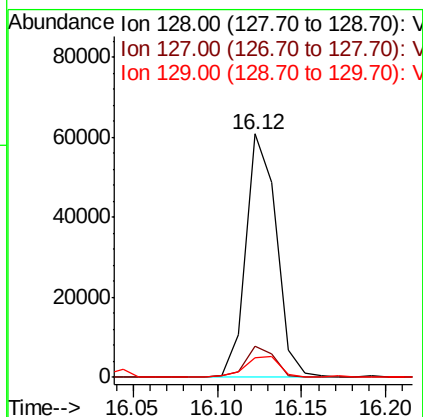
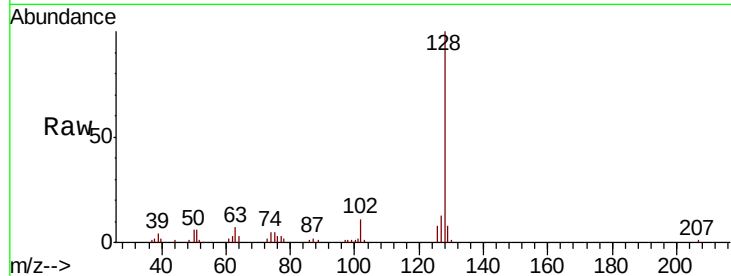




#95  
Naphthalene  
Concen: 5.365 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

Tot Ion:128 Resp: 76120  
Ion Ratio Lower Upper  
128 100  
127 13.0 9.7 14.5  
129 8.0 8.3 12.5#



#96  
1,2,3-Trichlorobenzene  
Concen: 5.449 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. -0.00 min  
Lab File: VD062777.D  
Acq: 19 Jun 2019 14:18

Tgt Ion:180 Resp: 42382  
Ion Ratio Lower Upper  
180 100  
182 111.3 49.9 149.6  
145 34.9 15.2 45.5

