

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061219\  
 Data File : VD062674.D  
 Acq On : 12 Jun 2019 15:14  
 Operator : VA/AP  
 Sample : VD0612SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 13 07:24:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 00:02:21 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.03  | 168  | 791954   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.21  | 114  | 972118   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 847916   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152  | 477455   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |       |
|-----------------------------|--------|-----|----------|-------|--------|-------|
| System Monitoring Compounds |        |     |          |       |        |       |
| 33) 1,2-Dichloroethane-d4   | 7.44   | 65  | 485482   | 42.48 | ug/l   | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 84.96% |       |
| 35) Dibromofluoromethane    | 6.91   | 113 | 509613   | 49.71 | ug/l   | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.42% |       |
| 50) Toluene-d8              | 10.40  | 98  | 1059988  | 49.15 | ug/l   | -0.01 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.30% |       |
| 62) 4-Bromofluorobenzene    | 13.55  | 95  | 481048   | 47.81 | ug/l   | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.62% |       |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85  | 182559  | 18.187  | ug/l   | 94     |
| 3) Chloromethane              | 1.74 | 50  | 140584  | 17.941  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.84 | 62  | 147989  | 18.315  | ug/l   | 98     |
| 5) Bromomethane               | 2.14 | 94  | 57654   | 14.135  | ug/l   | 95     |
| 6) Chloroethane               | 2.26 | 64  | 69391   | 17.394  | ug/l # | 72     |
| 7) Trichlorofluoromethane     | 2.52 | 101 | 315121  | 17.423  | ug/l   | 93     |
| 8) Diethyl Ether              | 2.87 | 74  | 37309   | 15.167  | ug/l   | 85     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.13 | 101 | 171638  | 17.597  | ug/l   | 94     |
| 10) Methyl Iodide             | 3.29 | 142 | 174427  | 15.340  | ug/l   | 95     |
| 11) Tert butyl alcohol        | 4.09 | 59  | 47225   | 100.534 | ug/l # | 73     |
| 12) 1,1-Dichloroethene        | 3.11 | 96  | 127247  | 18.179  | ug/l   | 96     |
| 13) Acrolein                  | 3.02 | 56  | 15005   | 99.304  | ug/l   | 97     |
| 14) Allyl chloride            | 3.60 | 41  | 197592  | 18.359  | ug/l   | 96     |
| 15) Acrylonitrile             | 4.19 | 53  | 96020   | 89.953  | ug/l   | 94     |
| 16) Acetone                   | 3.22 | 43  | 188286  | 89.976  | ug/l   | 97     |
| 17) Carbon Disulfide          | 3.36 | 76  | 340057  | 16.486  | ug/l   | 98     |
| 18) Methyl Acetate            | 3.63 | 43  | 63121   | 18.354  | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 4.23 | 73  | 295574  | 17.313  | ug/l   | 100    |
| 20) Methylene Chloride        | 3.80 | 84  | 130715  | 16.234  | ug/l # | 87     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96  | 136460  | 17.772  | ug/l   | 87     |
| 22) Diisopropyl ether         | 5.11 | 45  | 405549  | 18.147  | ug/l # | 95     |
| 23) Vinyl Acetate             | 5.04 | 43  | 1270291 | 91.623  | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 4.97 | 63  | 245808  | 17.098  | ug/l   | 97     |
| 25) 2-Butanone                | 6.07 | 43  | 179801  | 88.072  | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.02 | 77  | 297836  | 17.975  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.03 | 96  | 151108  | 18.154  | ug/l   | 94     |
| 28) Bromochloromethane        | 6.43 | 49  | 97062   | 17.661  | ug/l   | 95     |
| 29) Tetrahydrofuran           | 6.45 | 42  | 79683   | 86.672  | ug/l   | 98     |
| 30) Chloroform                | 6.66 | 83  | 313914  | 17.018  | ug/l   | 98     |
| 31) Cyclohexane               | 6.93 | 56  | 165311  | 18.330  | ug/l   | 89     |
| 32) 1,1,1-Trichloroethane     | 6.86 | 97  | 330225  | 17.992  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 7.13 | 75  | 203813  | 18.319  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.17 | 43  | 93755   | 20.490  | ug/l # | 93     |
| 38) Carbon Tetrachloride      | 7.10 | 117 | 337658  | 19.201  | ug/l   | 94     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061219\  
 Data File : VD062674.D  
 Acq On : 12 Jun 2019 15:14  
 Operator : VA/AP  
 Sample : VD0612SBS01  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 13 07:24:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 00:02:21 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.85  | 83   | 173632   | 19.312  | ug/l   | 93       |
| 40) Benzene                    | 7.44  | 78   | 406525   | 18.710  | ug/l   | 92       |
| 41) Methacrylonitrile          | 6.45  | 41   | 118595   | 20.363  | ug/l # | 84       |
| 42) 1,2-Dichloroethane         | 7.56  | 62   | 231909   | 17.907  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 9.24  | 43   | 115549   | 19.683  | ug/l # | 100      |
| 44) Trichloroethene            | 8.53  | 130  | 170203   | 19.295  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 8.93  | 63   | 101119   | 19.375  | ug/l   | 91       |
| 46) Dibromomethane             | 9.05  | 93   | 92197    | 19.902  | ug/l   | 94       |
| 47) Bromodichloromethane       | 9.36  | 83   | 243238   | 19.302  | ug/l   | 94       |
| 48) Methyl methacrylate        | 9.11  | 41   | 75473    | 17.796  | ug/l # | 85       |
| 49) 1,4-Dioxane                | 9.07  | 88   | 14366    | 408.158 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone       | 10.29 | 43   | 398965   | 97.126  | ug/l   | 97       |
| 52) Toluene                    | 10.50 | 92   | 274624   | 18.803  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 10.90 | 75   | 204720   | 19.814  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.03 | 75   | 208160   | 19.493  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 102422   | 20.449  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 11.03 | 69   | 106679   | 20.224  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 11.40 | 76   | 148948   | 19.187  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.85  | 63   | 275105   | 102.766 | ug/l   | 95       |
| 59) 2-Hexanone                 | 11.53 | 43   | 305604   | 100.016 | ug/l   | 96       |
| 60) Dibromochloromethane       | 11.68 | 129  | 187027   | 18.916  | ug/l   | 95       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 118124   | 19.705  | ug/l   | 97       |
| 64) Tetrachloroethene          | 11.24 | 164  | 153489   | 19.337  | ug/l   | 99       |
| 65) Chlorobenzene              | 12.39 | 112  | 357743   | 19.074  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.50 | 131  | 172147   | 19.245  | ug/l   | 92       |
| 67) Ethyl Benzene              | 12.51 | 91   | 647725   | 19.478  | ug/l   | 100      |
| 68) m/p-Xylenes                | 12.66 | 106  | 426052   | 36.444  | ug/l   | 96       |
| 69) o-Xylene                   | 13.05 | 106  | 209235   | 19.488  | ug/l   | 92       |
| 70) Styrene                    | 13.07 | 104  | 384738   | 20.083  | ug/l   | 97       |
| 71) Bromoform                  | 13.23 | 173  | 129178   | 20.590  | ug/l # | 98       |
| 73) Isopropylbenzene           | 13.40 | 105  | 593493   | 17.636  | ug/l   | 98       |
| 74) N-amyl acetate             | 13.26 | 43   | 170183   | 18.712  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 109294   | 18.980  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 13.72 | 75   | 123722   | 19.111  | ug/l   | 97       |
| 77) Bromobenzene               | 13.67 | 156  | 186101   | 19.348  | ug/l   | 97       |
| 78) n-propylbenzene            | 13.76 | 91   | 797885   | 19.369  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 13.83 | 91   | 445651   | 18.477  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 576023   | 19.367  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 32129    | 19.326  | ug/l # | 92       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 570365   | 19.774  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 625128   | 19.056  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 600538   | 20.393  | ug/l   | 93       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 662248   | 19.252  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 14.48 | 119  | 663130   | 19.800  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 334284   | 19.184  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 316079   | 19.194  | ug/l   | 96       |
| 89) n-Butylbenzene             | 14.80 | 91   | 575683   | 19.107  | ug/l   | 97       |
| 90) Hexachloroethane           | 15.00 | 117  | 162857   | 18.419  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 282138   | 19.478  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 21794    | 17.719  | ug/l # | 26       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061219\  
Data File : VD062674.D  
Acq On : 12 Jun 2019 15:14  
Operator : VA/AP  
Sample : VD0612SBSD01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 10 Sample Multiplier: 1

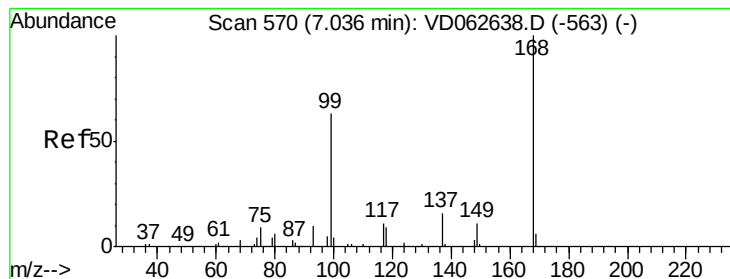
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Jun 13 07:24:29 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D060719S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 08 00:02:21 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 217162   | 19.980 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 153096   | 17.902 | ug/l  | 99       |
| 95) Naphthalene            | 16.12 | 128  | 289894   | 19.028 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 16.26 | 180  | 165536   | 19.841 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

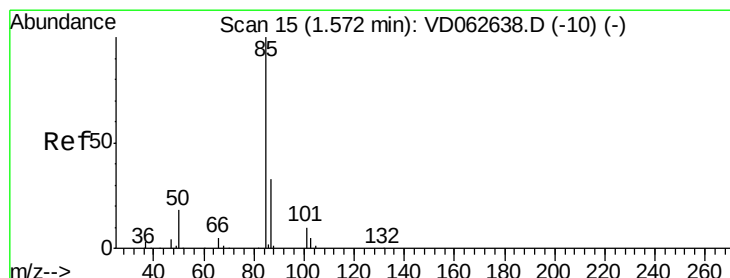
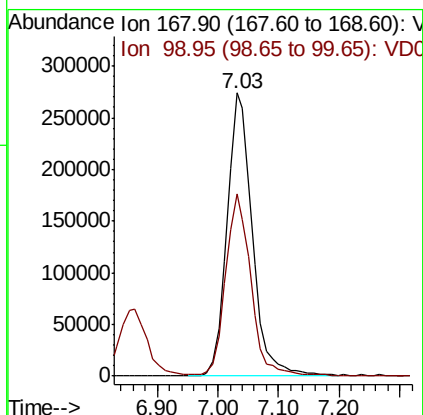
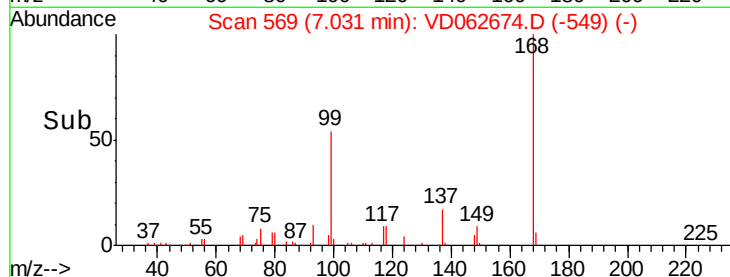
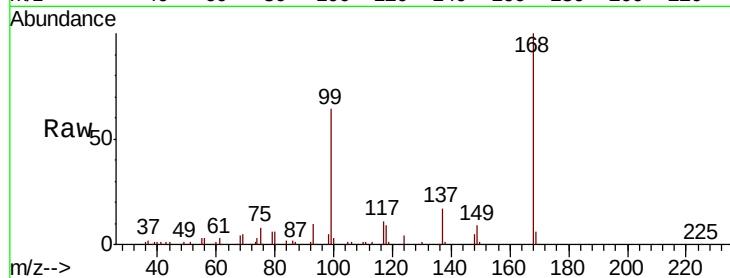
ClientSampleId :

Tot Ion:168 Resp: 791954

Ion Ratio Lower Upper

168 100

99 64.2 51.4 77.2



#2

Dichlorodifluoromethane

Concen: 18.187 ug/l

RT: 1.57 min Scan# 14

Delta R.T. -0.00 min

Lab File: VD062674.D

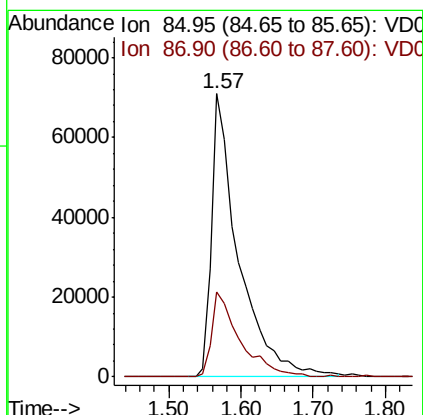
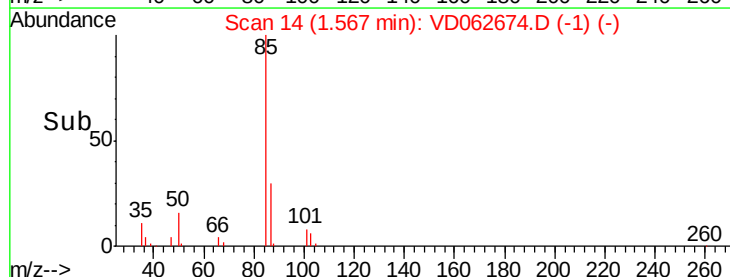
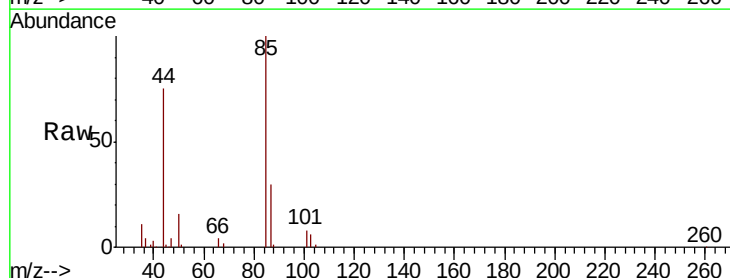
Acq: 12 Jun 2019 15:14

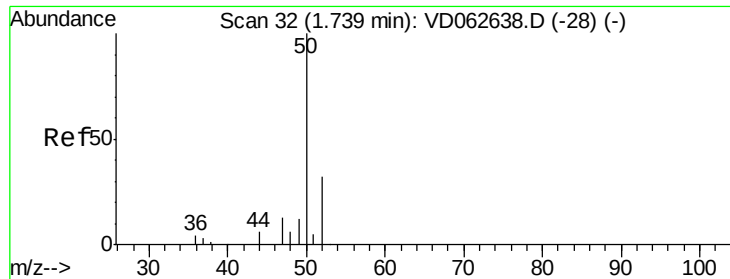
Tgt Ion: 85 Resp: 182559

Ion Ratio Lower Upper

85 100

87 29.8 16.6 49.7





#3

Chloromethane

Concen: 17.941 ug/l

RT: 1.74 min Scan# 32

Delta R.T. 0.00 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

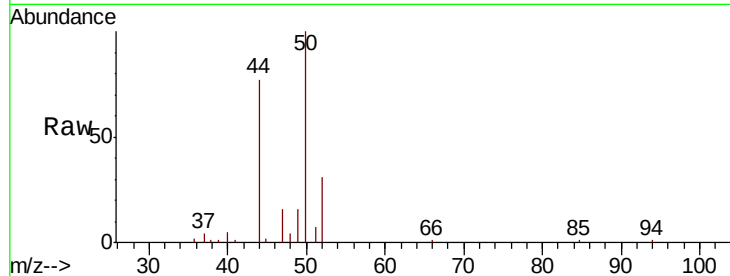
ClientSampleId :

Tot Ion: 50 Resp: 140584

Ion Ratio Lower Upper

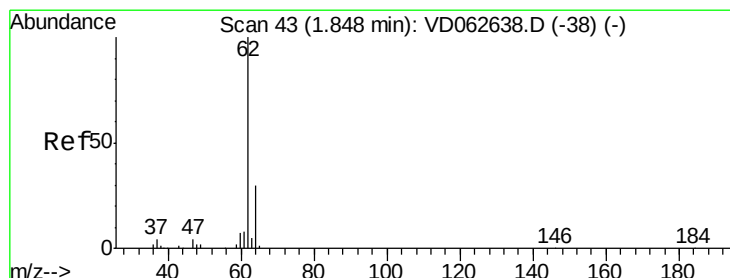
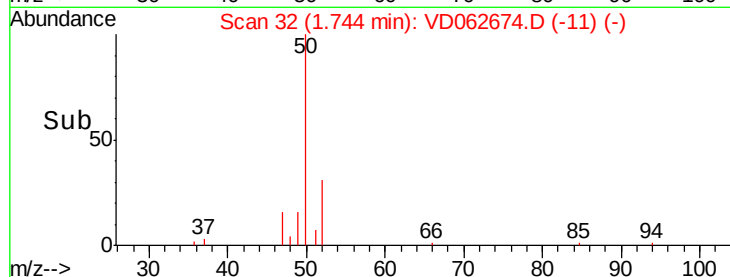
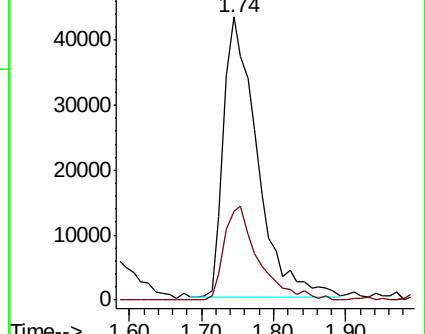
50 100

52 31.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.315 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.01 min

Lab File: VD062674.D

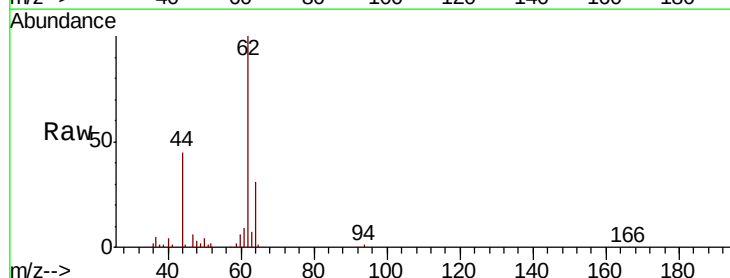
Acq: 12 Jun 2019 15:14

Tgt Ion: 62 Resp: 147989

Ion Ratio Lower Upper

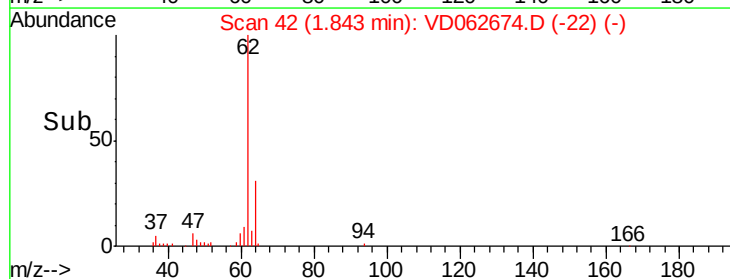
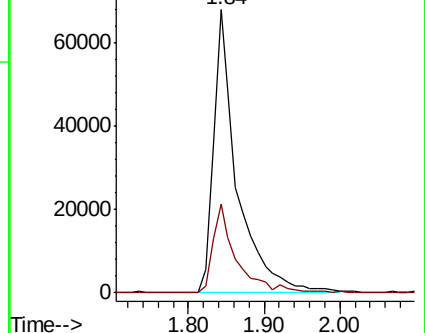
62 100

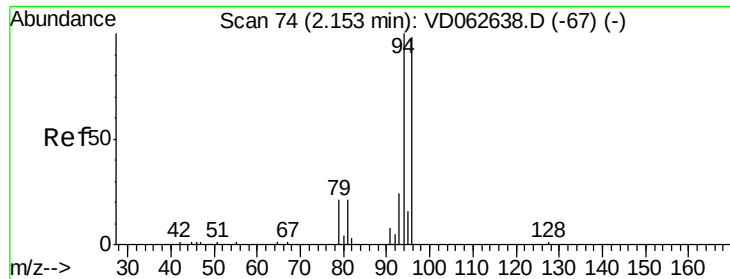
64 31.5 24.2 36.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 14.135 ug/l

RT: 2.14 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :  
MSVOA\_D  
ClientSampleId :

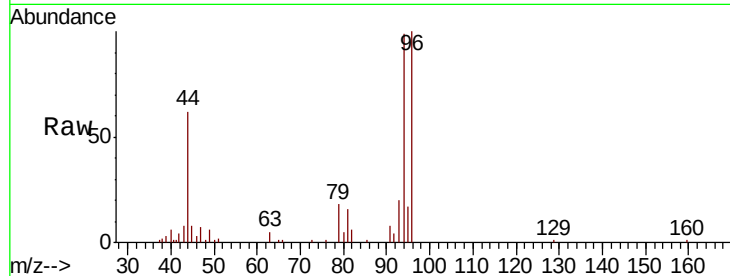
Tot Ion: 94 Resp: 57654

Ion Ratio Lower Upper

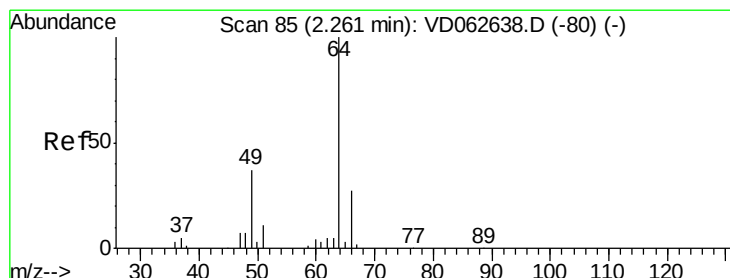
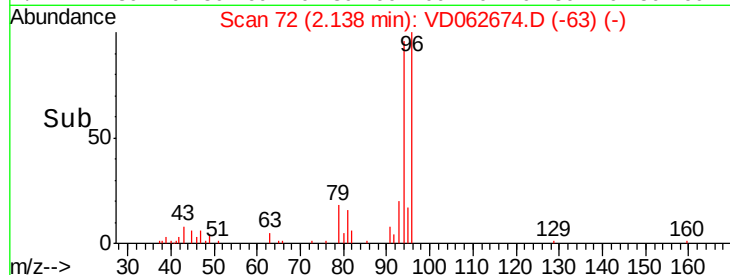
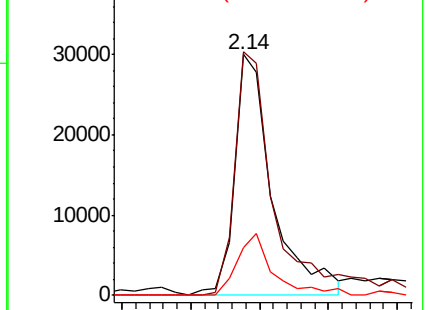
94 100

96 101.1 78.1 117.1

93 20.1 19.6 29.4



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



#6

Chloroethane

Concen: 17.394 ug/l

RT: 2.26 min Scan# 84

Delta R.T. -0.00 min

Lab File: VD062674.D

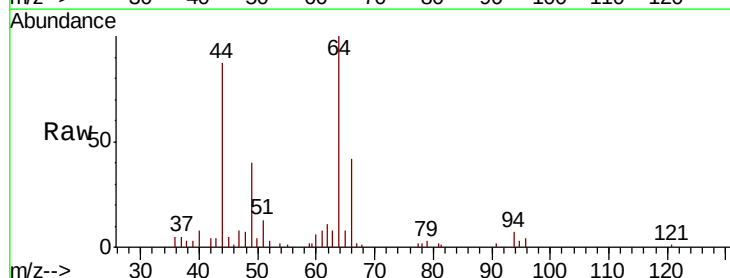
Acq: 12 Jun 2019 15:14

Tgt Ion: 64 Resp: 69391

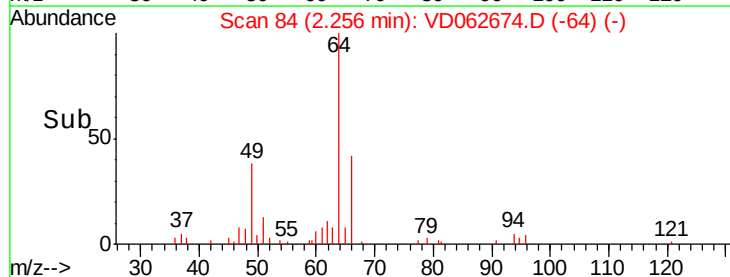
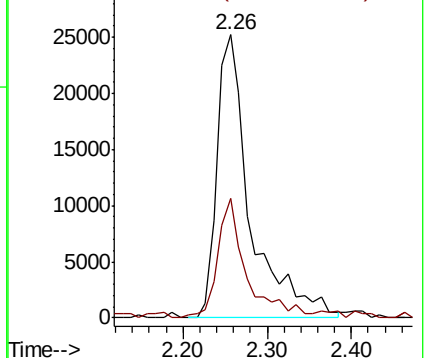
Ion Ratio Lower Upper

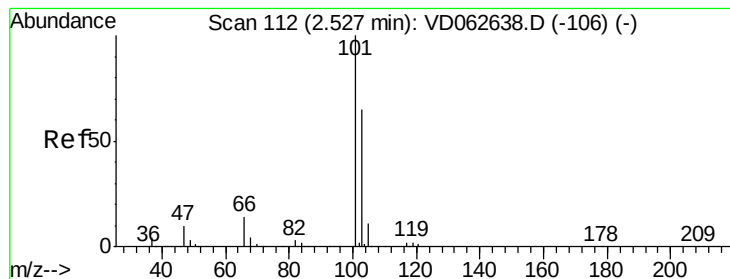
64 100

66 42.2 21.9 32.9#



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



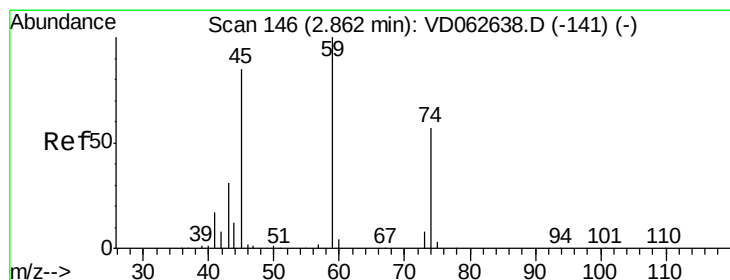
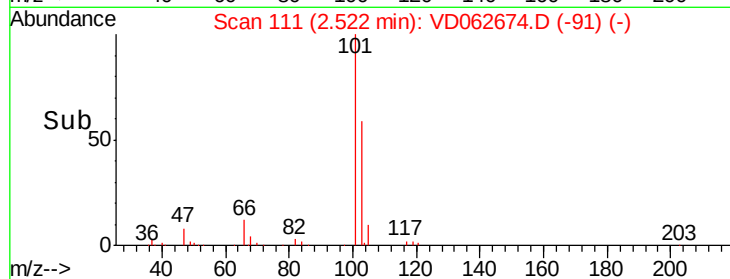
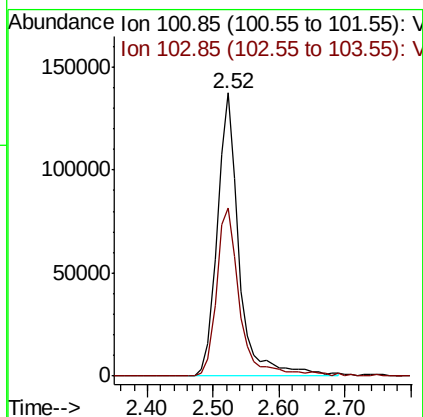
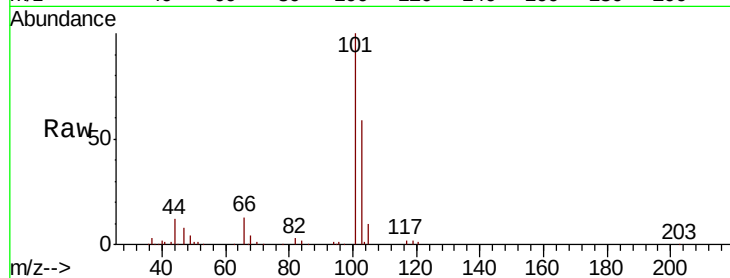


#7

Trichlorofluoromethane  
Concen: 17.423 ug/l  
RT: 2.52 min Scan# 111  
Delta R.T. -0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Instrument :  
MSVOA\_D  
ClientSampleId :

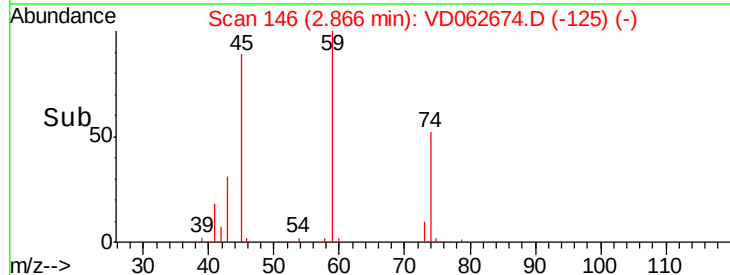
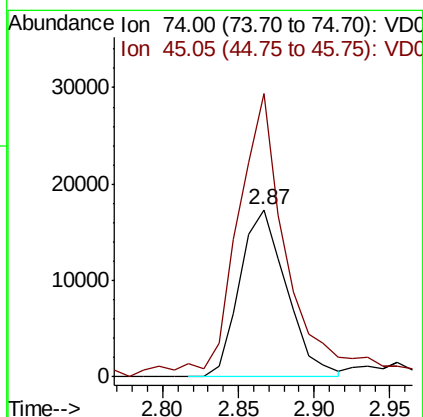
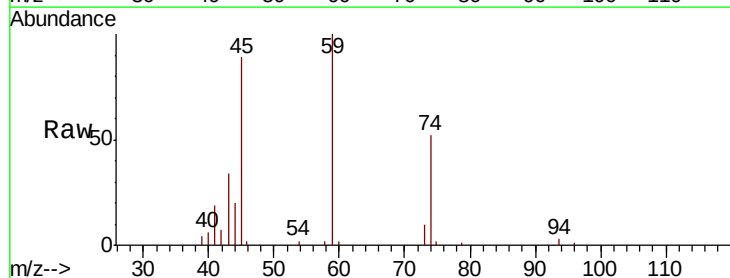
Tot Ion:101 Resp: 315121  
Ion Ratio Lower Upper  
101 100  
103 59.4 52.2 78.2



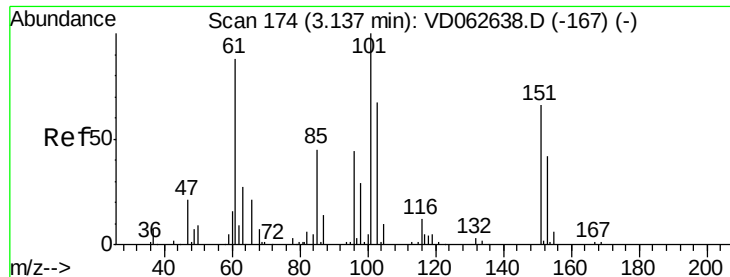
#8

Diethyl Ether  
Concen: 15.167 ug/l  
RT: 2.87 min Scan# 146  
Delta R.T. 0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Tgt Ion: 74 Resp: 37309  
Ion Ratio Lower Upper  
74 100  
45 169.4 74.9 224.7







#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.597 ug/l

RT: 3.13 min Scan# 173

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

ClientSampleId :

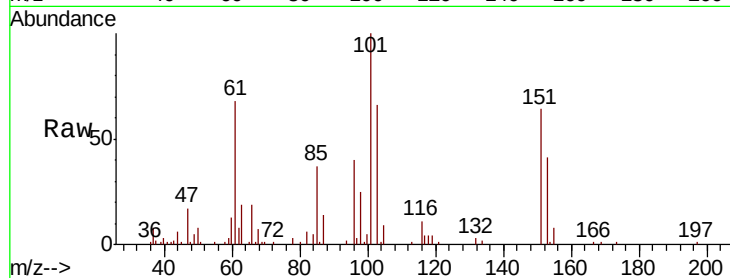
Tot Ion:101 Resp: 171638

Ion Ratio Lower Upper

101 100

85 36.6 36.0 54.0

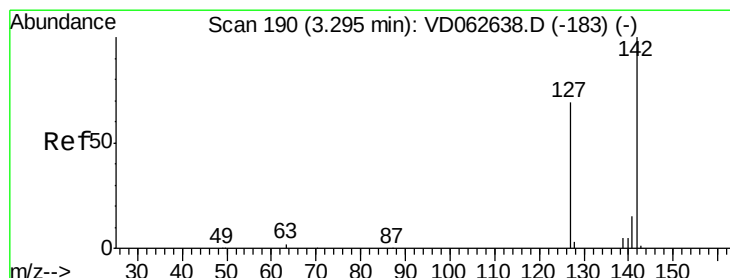
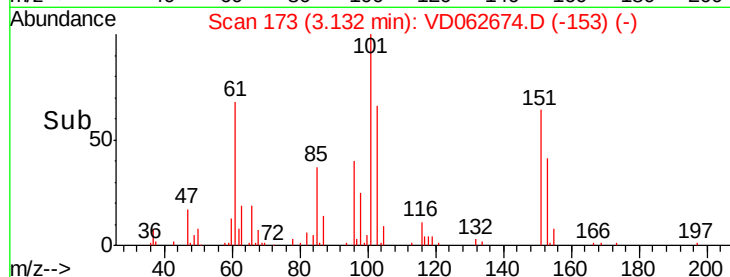
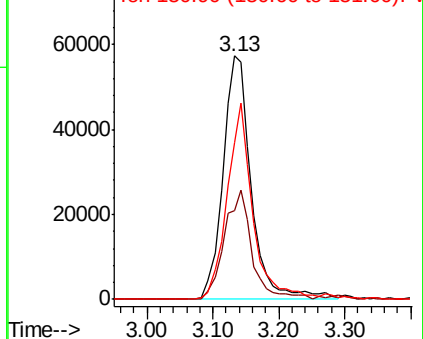
151 64.2 52.6 79.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 15.340 ug/l

RT: 3.29 min Scan# 189

Delta R.T. -0.00 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

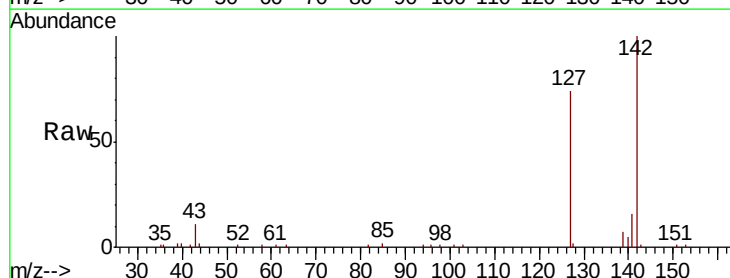
Tgt Ion:142 Resp: 174427

Ion Ratio Lower Upper

142 100

127 73.8 55.2 82.8

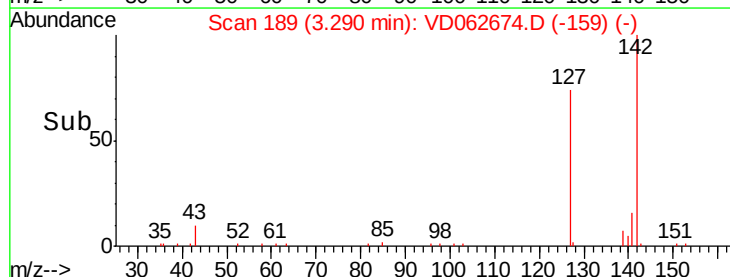
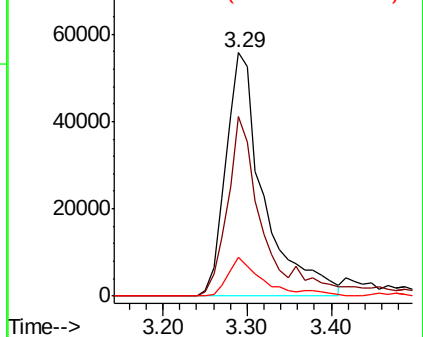
141 15.9 12.1 18.1

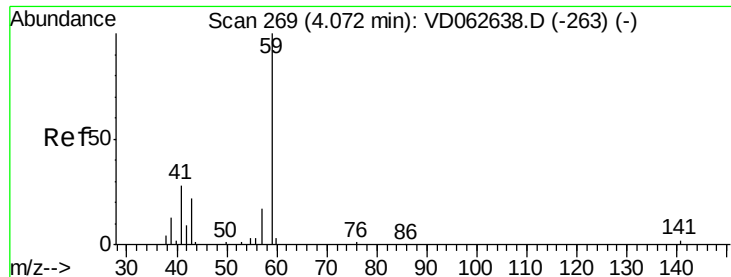


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



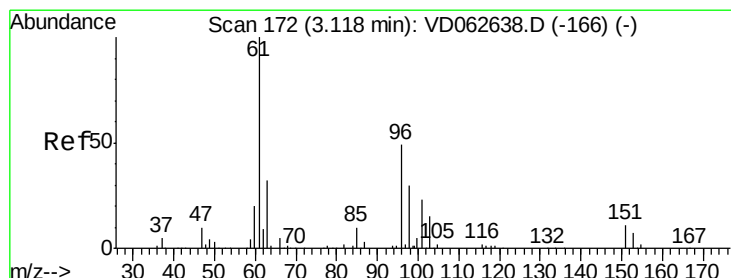
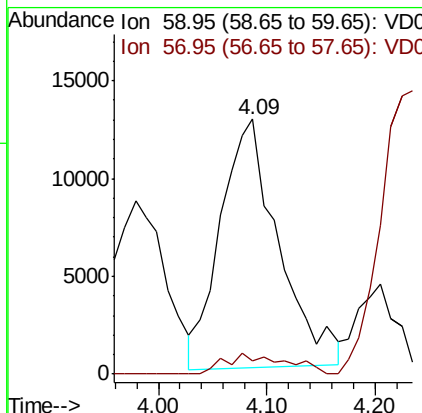
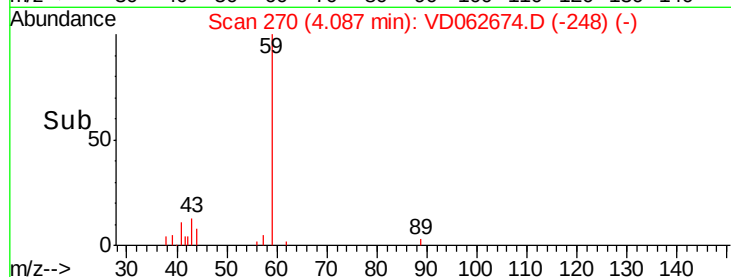
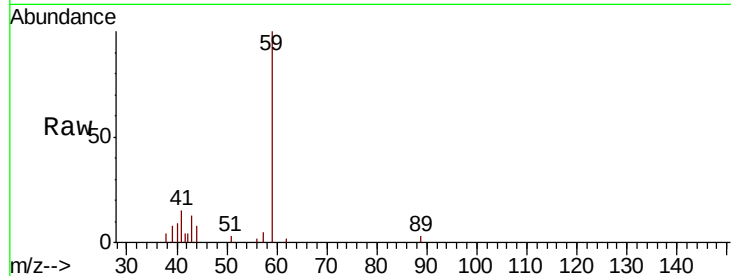


#11

Tert butyl alcohol  
Concen: 100.534 ug/l  
RT: 4.09 min Scan# 270  
Delta R.T. 0.01 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Instrument :  
MSVOA\_D  
ClientSampled :

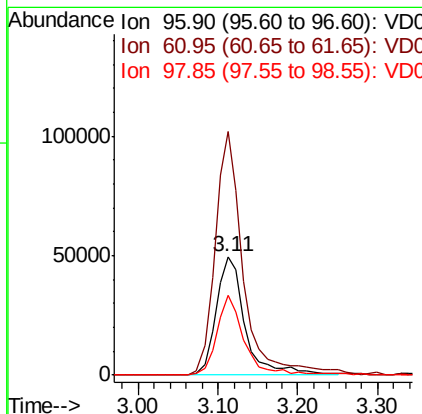
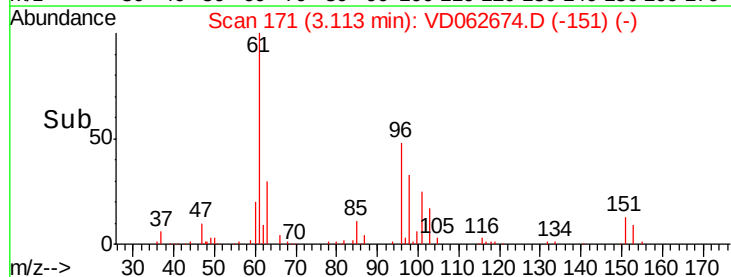
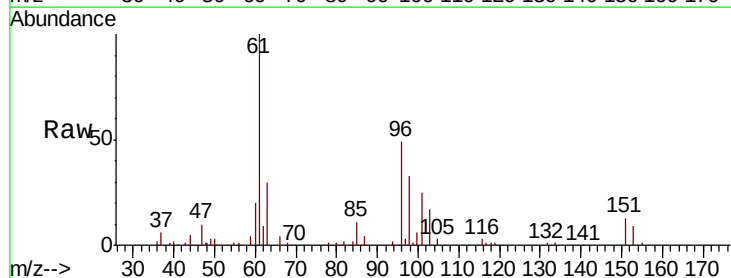
Tot Ion: 59 Resp: 47225  
Ion Ratio Lower Upper  
59 100  
57 5.3 13.7 20.5#

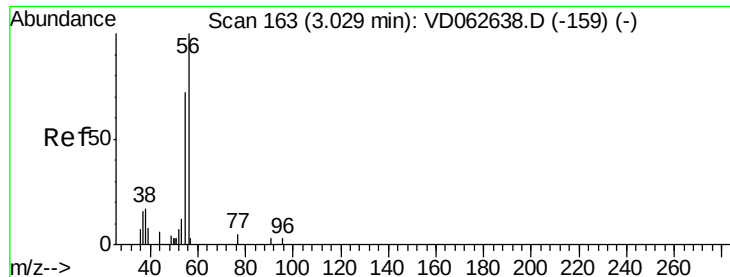


#12

1,1-Dichloroethene  
Concen: 18.179 ug/l  
RT: 3.11 min Scan# 171  
Delta R.T. -0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Tgt Ion: 96 Resp: 127247  
Ion Ratio Lower Upper  
96 100  
61 206.1 161.8 242.8  
98 67.7 48.2 72.4





#13

Acrolein

Concen: 99.304 ug/l

RT: 3.02 min Scan# 162

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

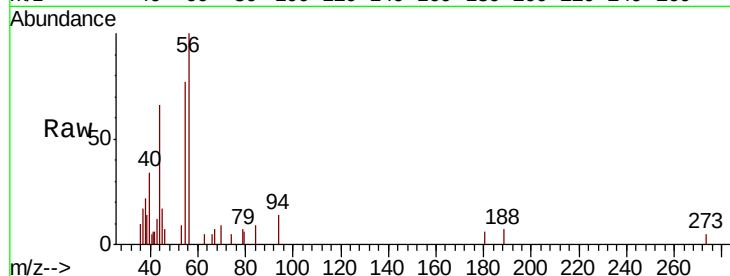
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 56 Resp: 15005

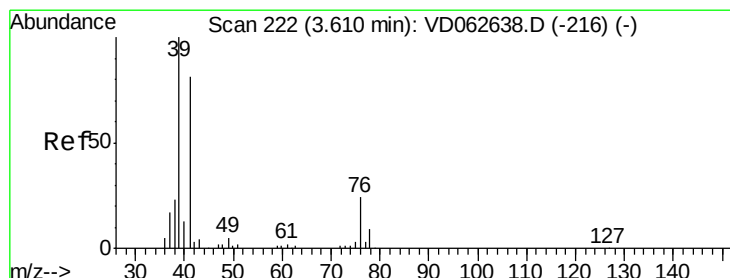
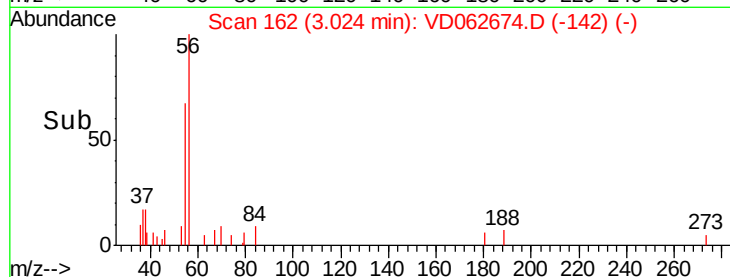
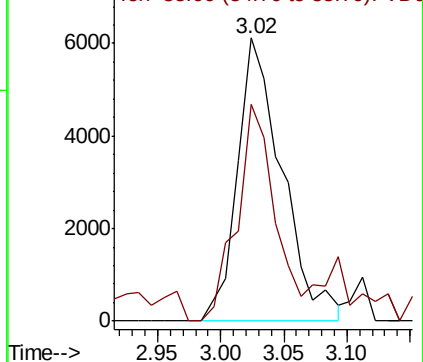
Ion Ratio Lower Upper

56 100

55 76.7 59.4 89.0



Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.359 ug/l

RT: 3.60 min Scan# 221

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

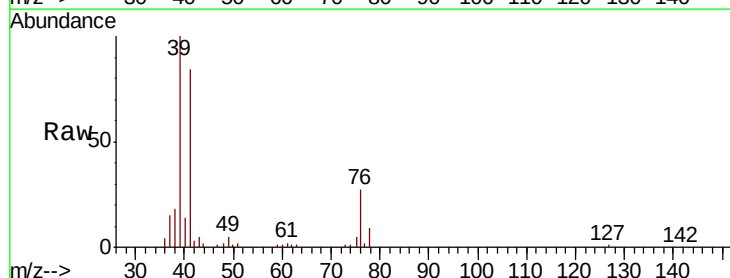
Tgt Ion: 41 Resp: 197592

Ion Ratio Lower Upper

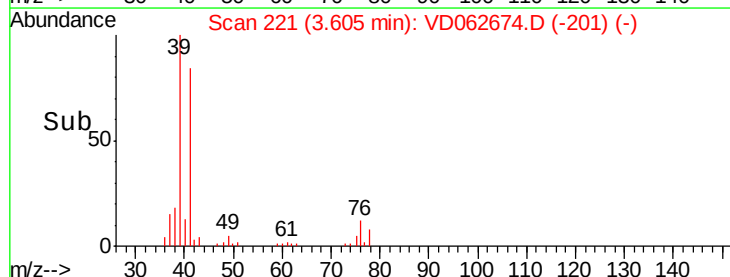
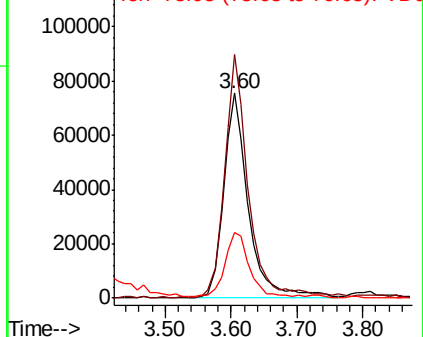
41 100

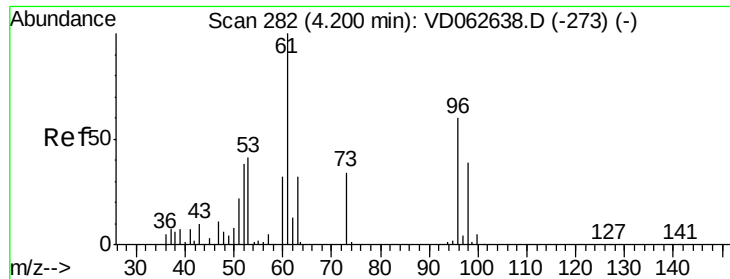
39 118.9 99.1 148.7

76 31.8 25.0 37.6



Abundance Ion 41.05 (40.75 to 41.75): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 89.953 ug/l

RT: 4.19 min Scan# 280

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :  
MSVOA\_D  
ClientSampled :

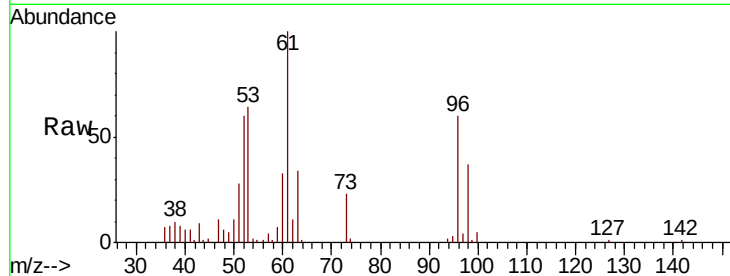
Tot Ion: 53 Resp: 96020

Ion Ratio Lower Upper

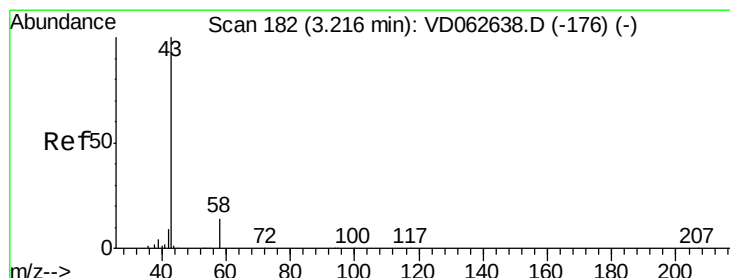
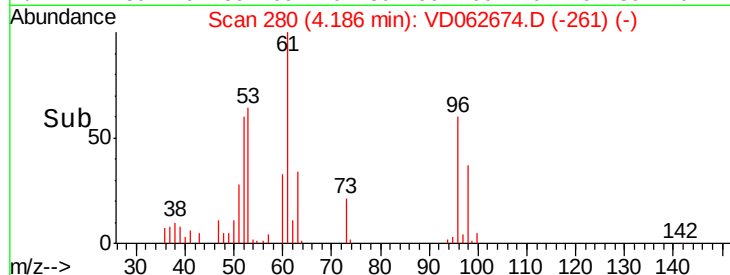
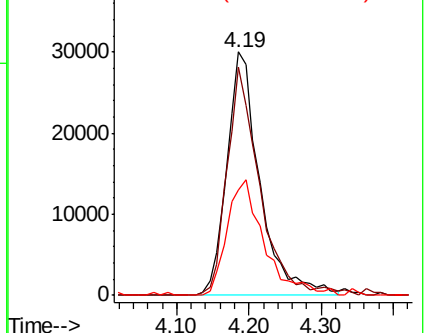
53 100

52 93.8 73.6 110.4

51 43.1 42.0 63.0



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



#16

Acetone

Concen: 89.976 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD062674.D

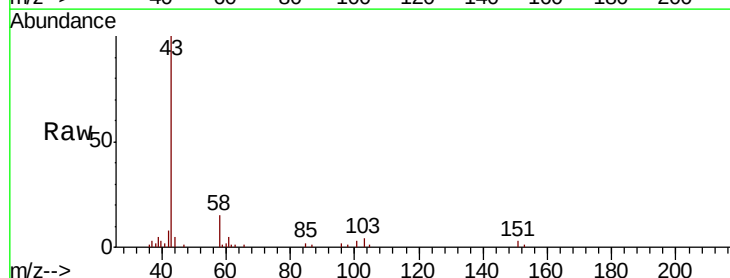
Acq: 12 Jun 2019 15:14

Tgt Ion: 43 Resp: 188286

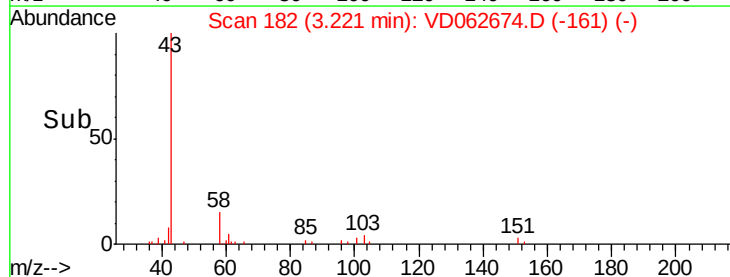
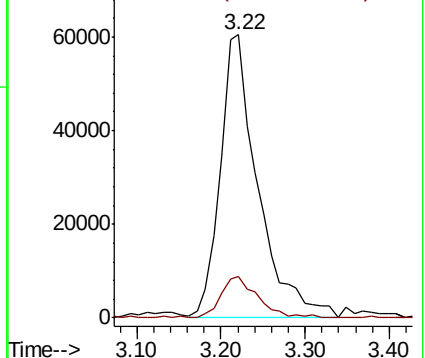
Ion Ratio Lower Upper

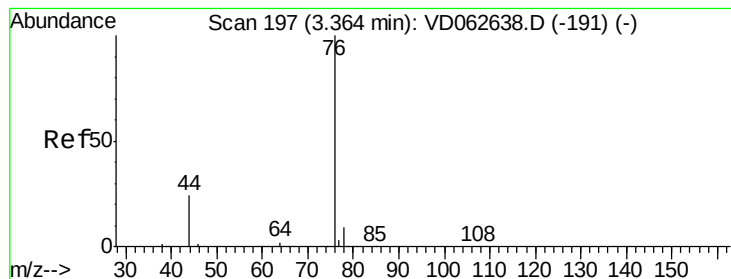
43 100

58 14.6 10.8 16.2



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





#17

Carbon Disulfide

Concen: 16.486 ug/l

RT: 3.36 min Scan# 196

Delta R.T. -0.00 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

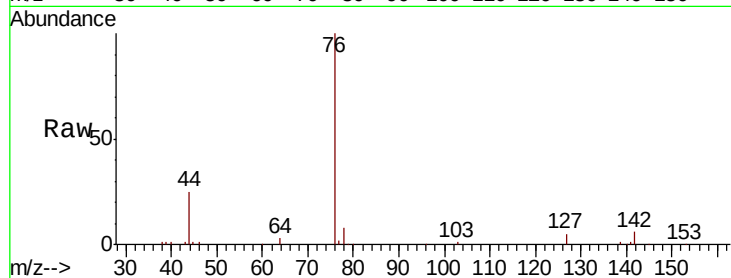
ClientSampled :

Tot Ion: 76 Resp: 340057

Ion Ratio Lower Upper

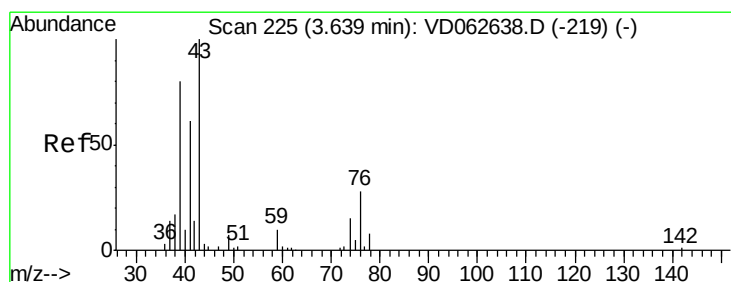
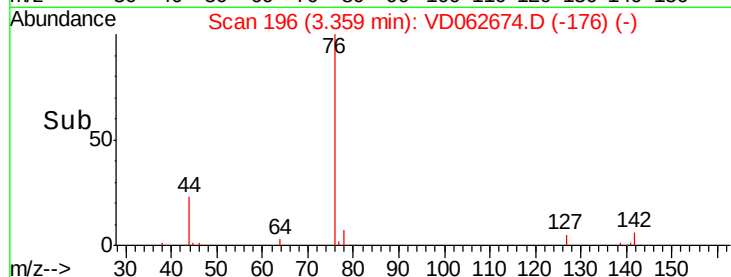
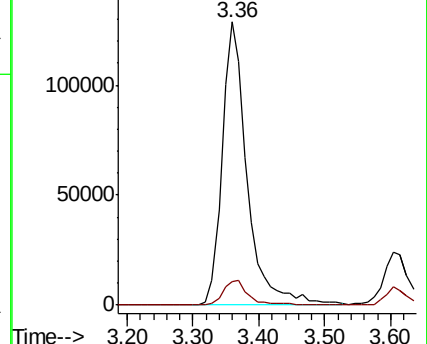
76 100

78 8.1 7.0 10.4



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 18.354 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.01 min

Lab File: VD062674.D

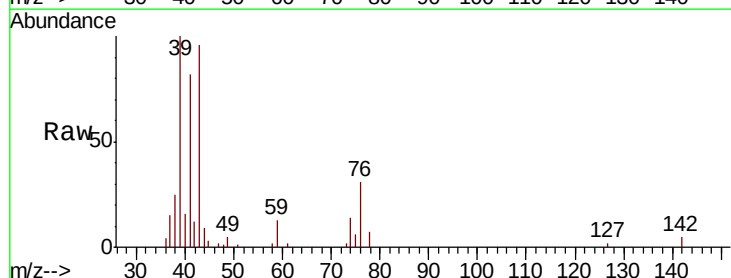
Acq: 12 Jun 2019 15:14

Tgt Ion: 43 Resp: 63121

Ion Ratio Lower Upper

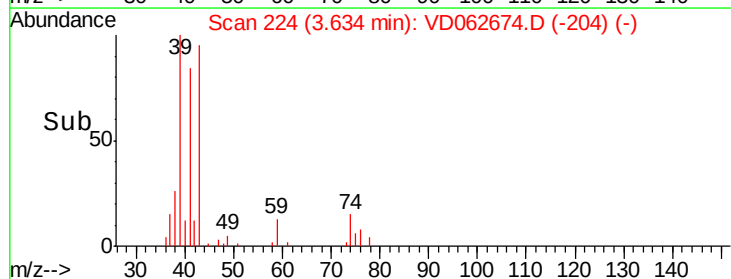
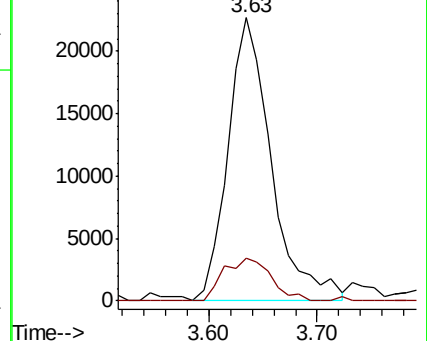
43 100

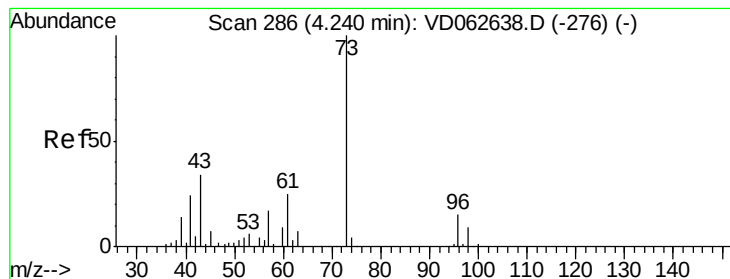
74 15.0 12.1 18.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



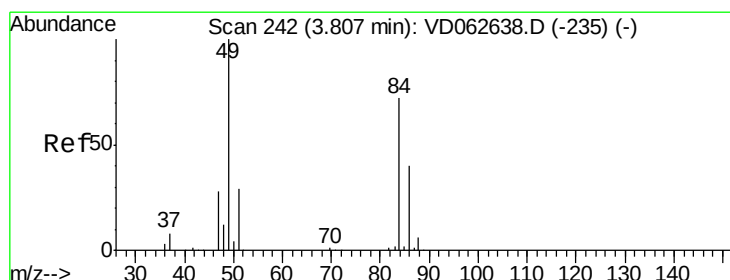
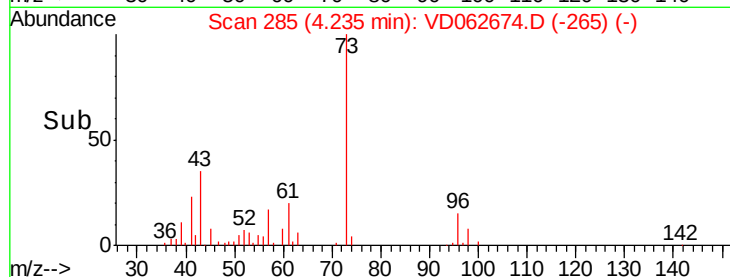
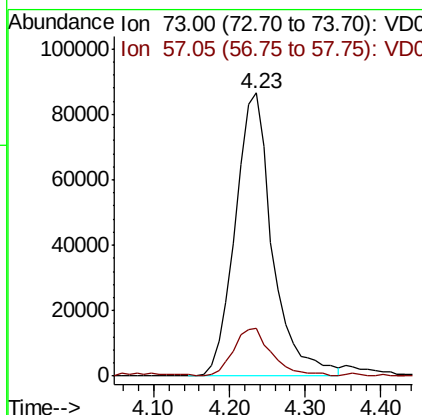
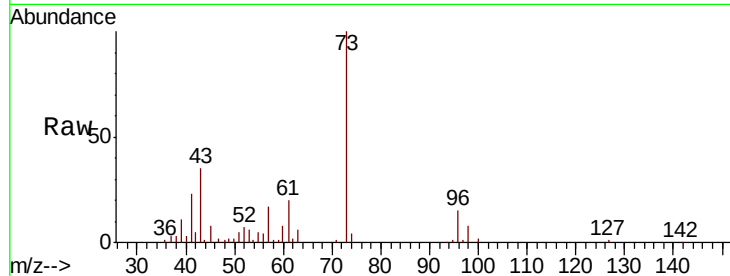


#19

Methyl tert-butyl Ether  
 Concen: 17.313 ug/l  
 RT: 4.23 min Scan# 285  
 Delta R.T. -0.00 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

Instrument :  
 MSVOA\_D  
 ClientSampled :

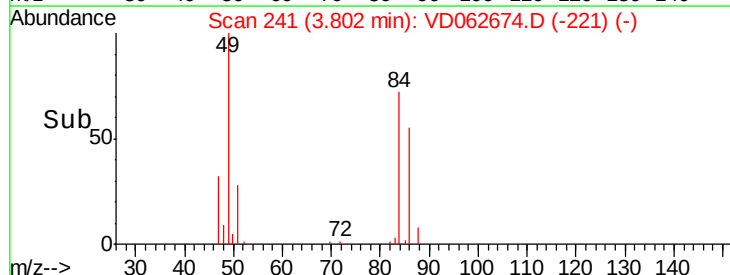
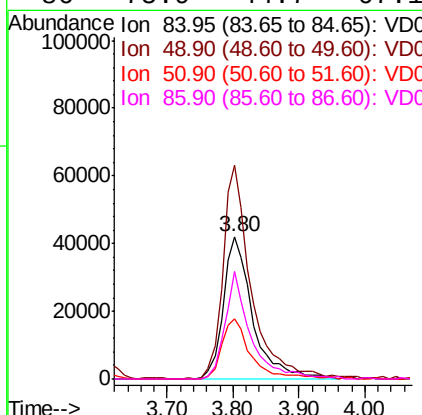
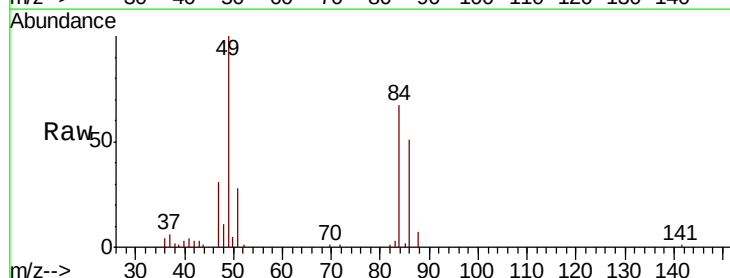
Tot Ion: 73 Resp: 295574  
 Ion Ratio Lower Upper  
 73 100  
 57 16.7 13.5 20.3

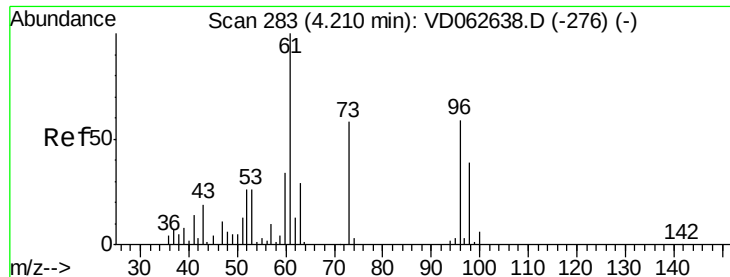


#20

Methylene Chloride  
 Concen: 16.234 ug/l  
 RT: 3.80 min Scan# 241  
 Delta R.T. -0.00 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

Tgt Ion: 84 Resp: 130715  
 Ion Ratio Lower Upper  
 84 100  
 49 150.0 111.2 166.8  
 51 42.3 31.9 47.9  
 86 75.9 44.7 67.1#





#21

trans-1,2-Dichloroethene

Concen: 17.772 ug/l

RT: 4.21 min Scan# 282

Delta R.T. -0.00 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

ClientSampled :

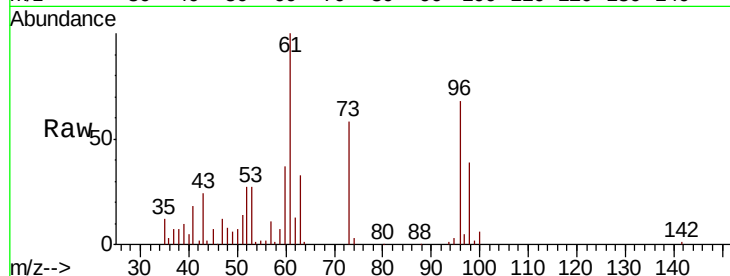
Tot Ion: 96 Resp: 136460

Ion Ratio Lower Upper

96 100

61 147.8 134.6 201.8

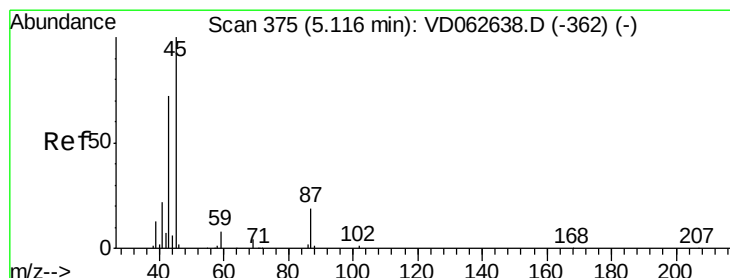
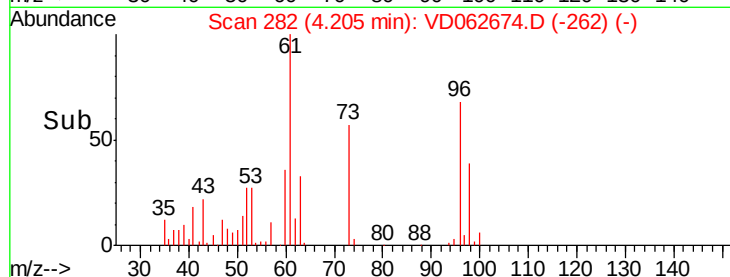
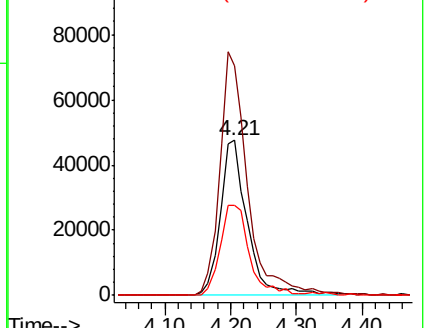
98 57.9 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 18.147 ug/l

RT: 5.11 min Scan# 374

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Tgt Ion: 45 Resp: 405549

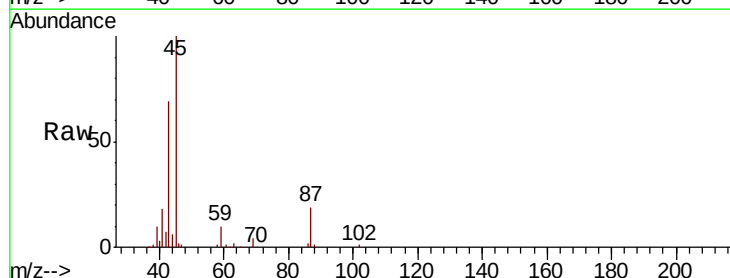
Ion Ratio Lower Upper

45 100

43 69.0 58.8 88.2

87 18.6 15.7 23.5

59 10.1 6.6 9.8#

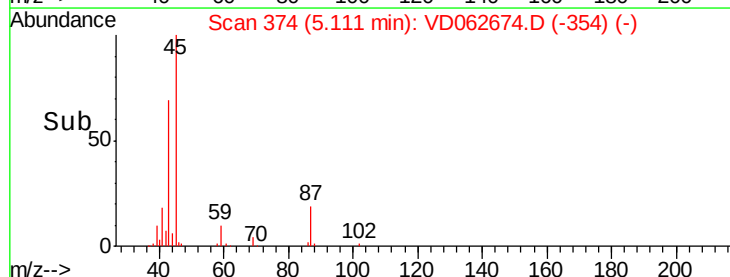
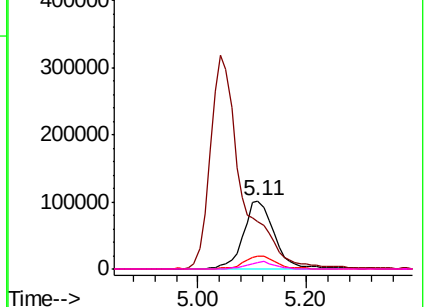


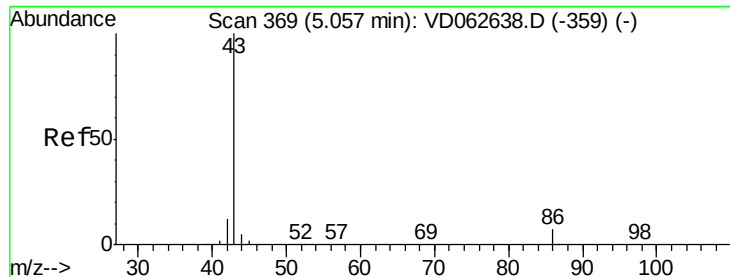
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 91.623 ug/l

RT: 5.04 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

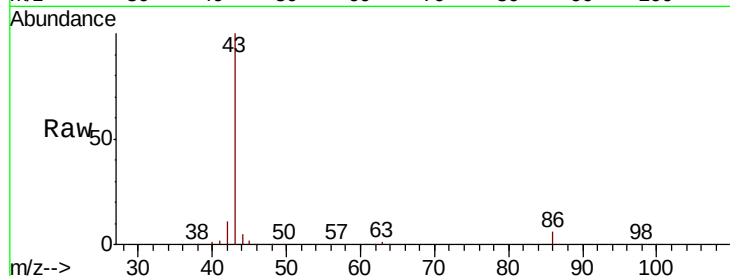
ClientSampleId :

Tot Ion: 43 Resp: 1270291

Ion Ratio Lower Upper

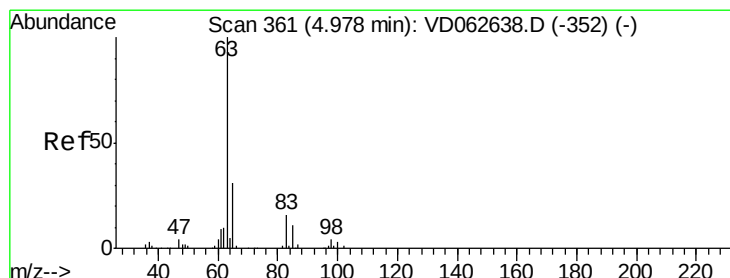
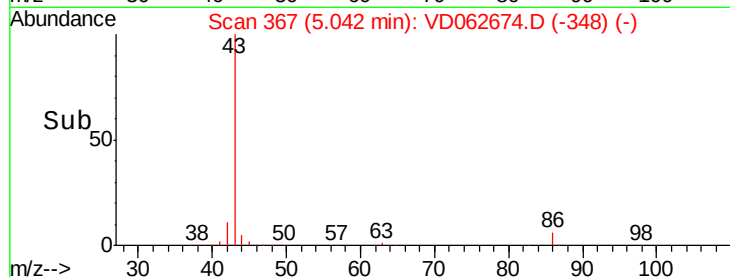
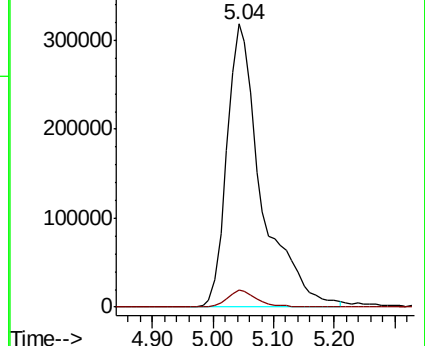
43 100

86 6.1 5.3 7.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 17.098 ug/l

RT: 4.97 min Scan# 360

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

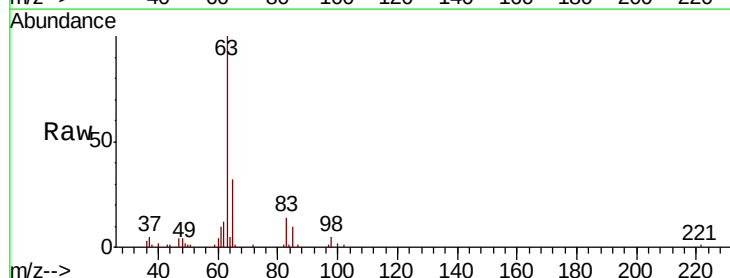
Tgt Ion: 63 Resp: 245808

Ion Ratio Lower Upper

63 100

98 4.6 1.8 5.4

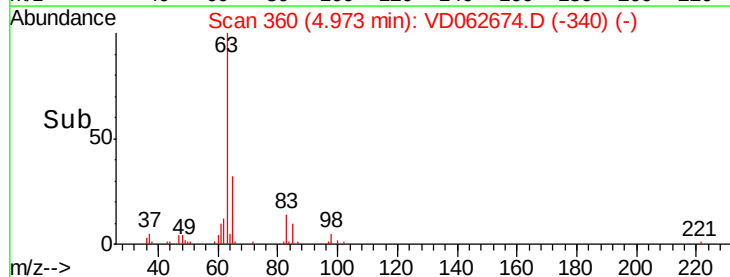
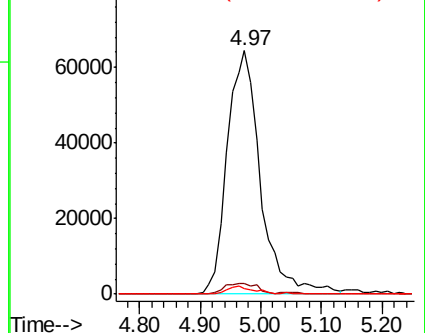
100 2.2 1.5 4.4



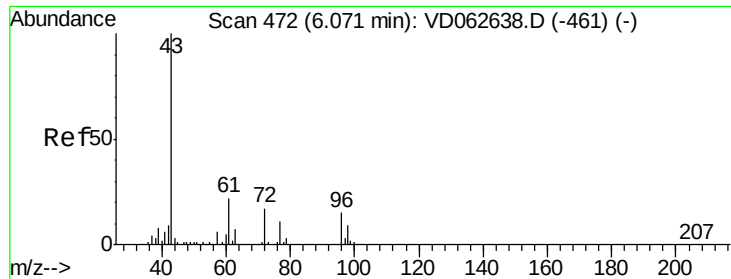
Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC







#25

2-Butanone

Concen: 88.072 ug/l

RT: 6.07 min Scan# 471

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

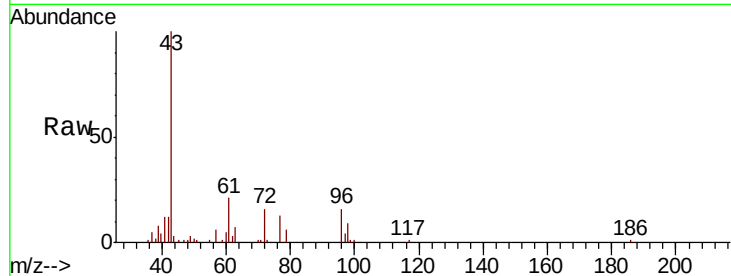
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 179801

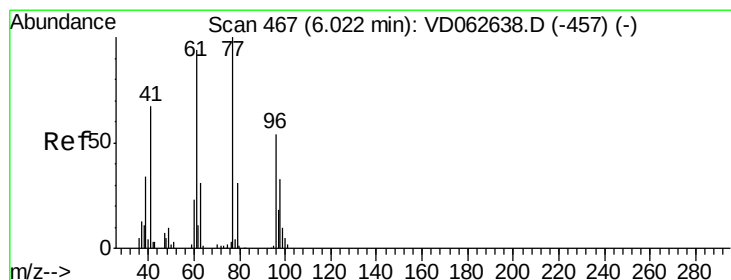
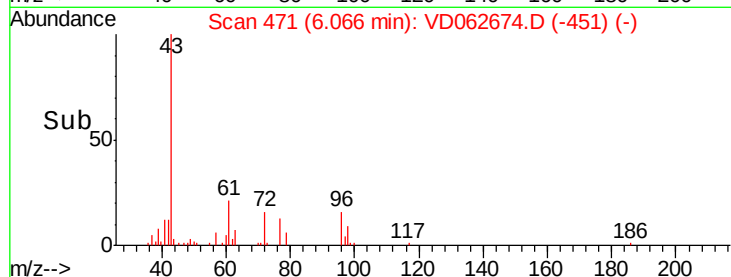
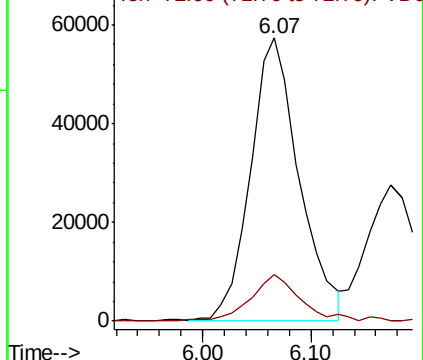
Ion Ratio Lower Upper

43 100

72 16.5 13.5 20.3



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 17.975 ug/l

RT: 6.02 min Scan# 466

Delta R.T. -0.00 min

Lab File: VD062674.D

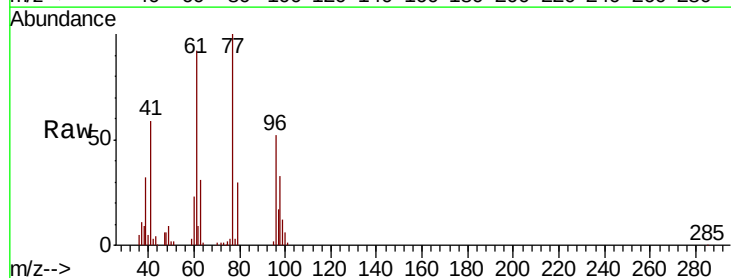
Acq: 12 Jun 2019 15:14

Tgt Ion: 77 Resp: 297836

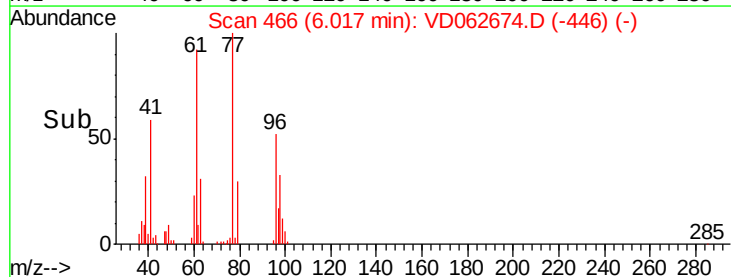
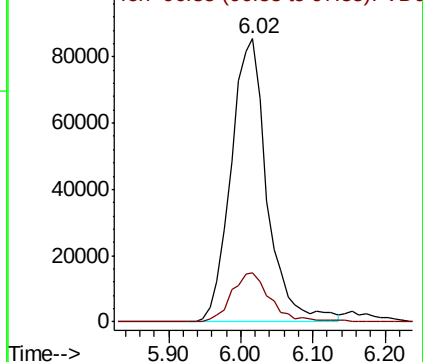
Ion Ratio Lower Upper

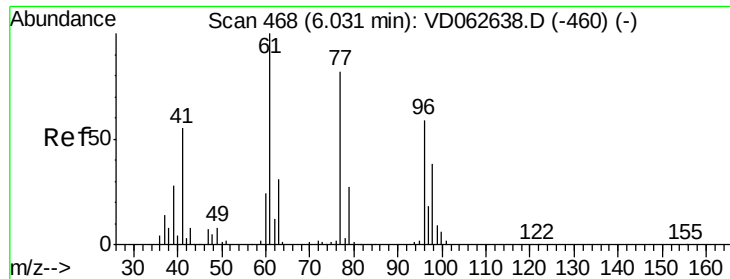
77 100

97 17.3 8.8 26.5



Abundance Ion 76.95 (76.65 to 77.65): VDC  
Ion 96.85 (96.55 to 97.55): VDC



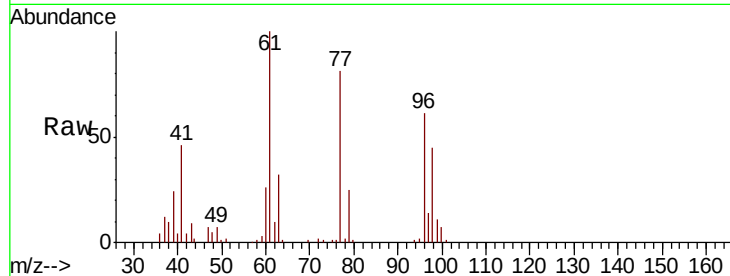


#27

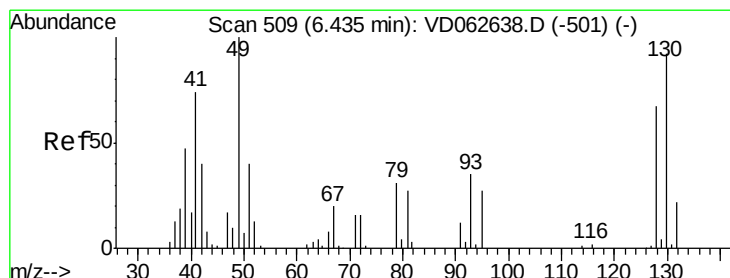
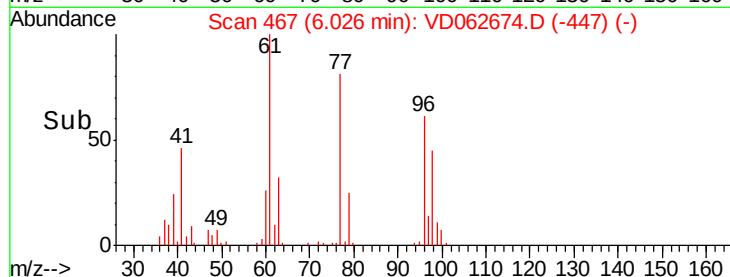
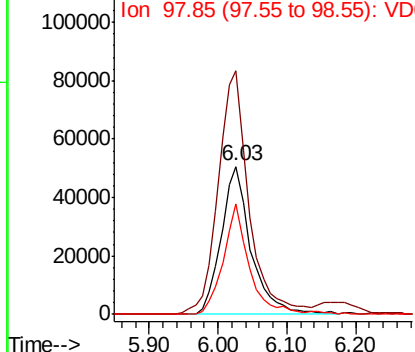
cis-1,2-Dichloroethene  
Concen: 18.154 ug/l  
RT: 6.03 min Scan# 467  
Delta R.T. -0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 96 Resp: 151108  
Ion Ratio Lower Upper  
96 100  
61 164.7 0.0 340.0  
98 74.3 0.0 127.6



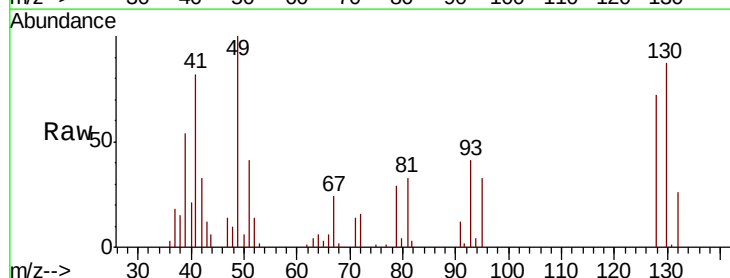
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



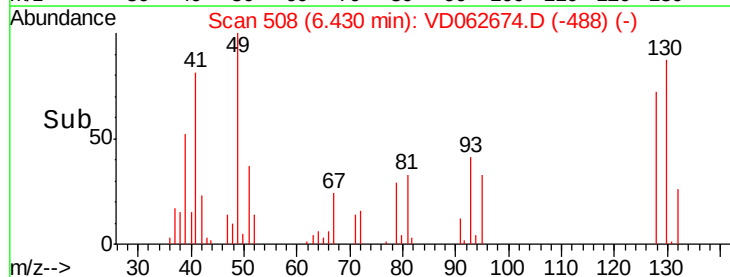
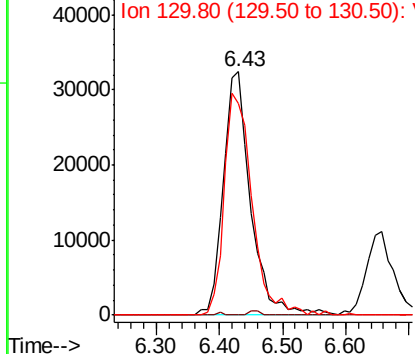
#28

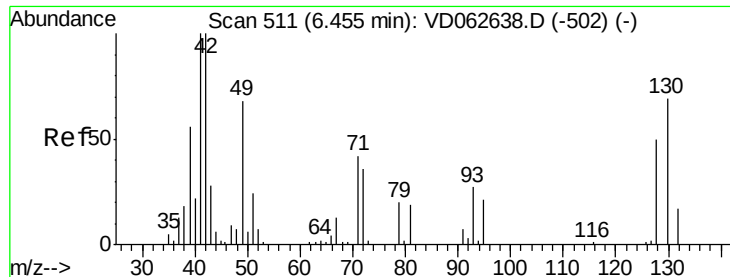
Bromochloromethane  
Concen: 17.661 ug/l  
RT: 6.43 min Scan# 508  
Delta R.T. -0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Tgt Ion: 49 Resp: 97062  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 8.2  
130 87.0 73.4 110.0



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





#29

Tetrahydrofuran

Concen: 86.672 ug/l

RT: 6.45 min Scan# 510

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

ClientSampled :

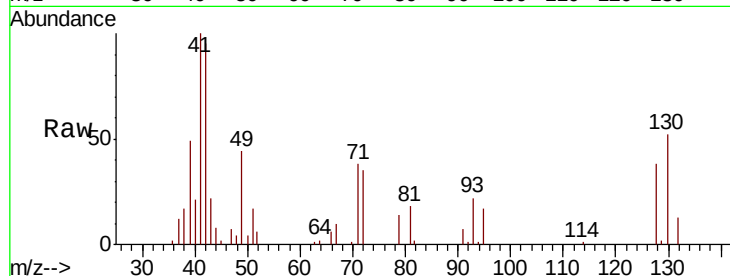
Tot Ion: 42 Resp: 79683

Ion Ratio Lower Upper

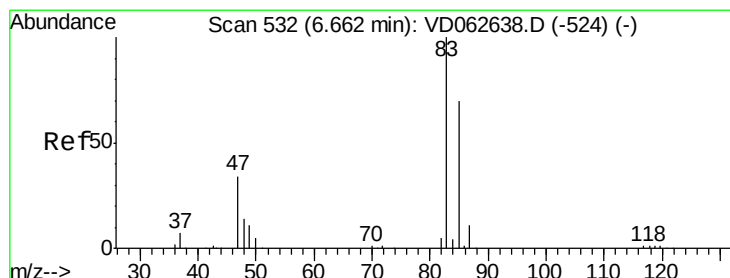
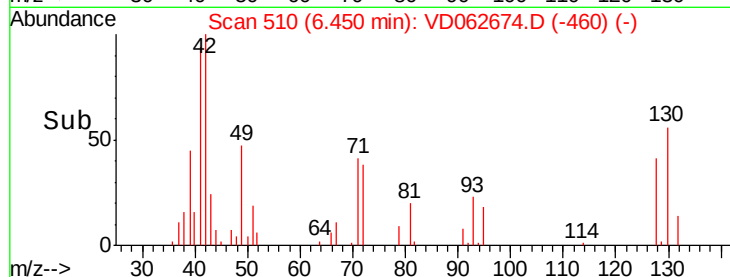
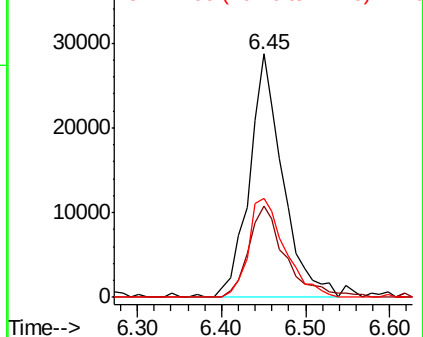
42 100

72 41.3 33.8 50.6

71 44.3 34.2 51.4



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



#30

Chloroform

Concen: 17.018 ug/l

RT: 6.66 min Scan# 531

Delta R.T. -0.00 min

Lab File: VD062674.D

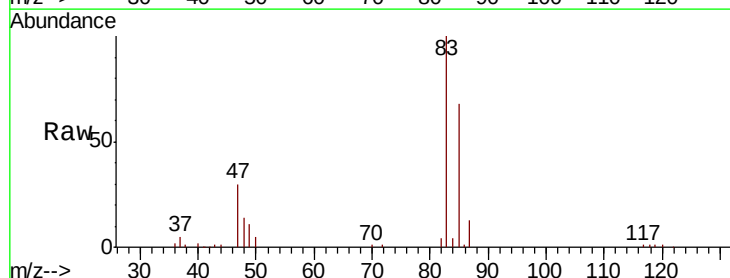
Acq: 12 Jun 2019 15:14

Tgt Ion: 83 Resp: 313914

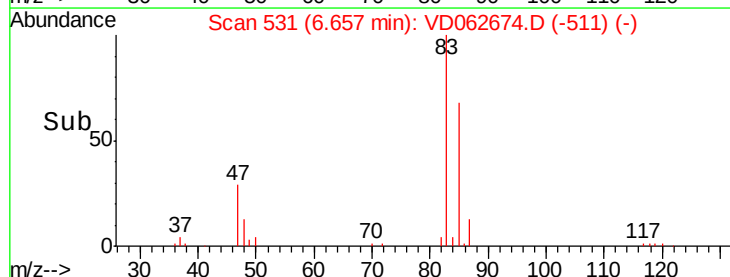
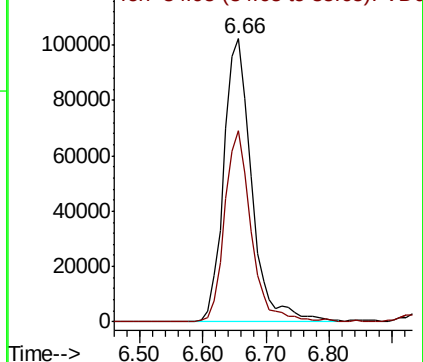
Ion Ratio Lower Upper

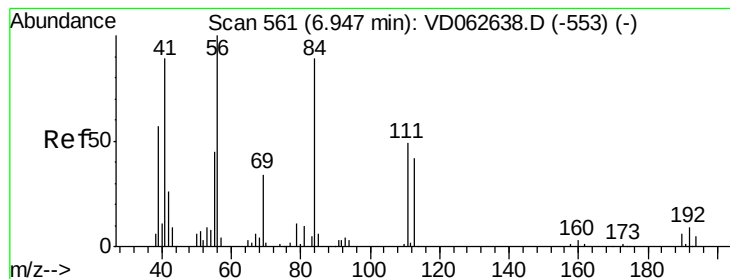
83 100

85 67.7 55.8 83.6



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





#31

Cyclohexane

Concen: 18.330 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :  
MSVOA\_D  
ClientSampleId :

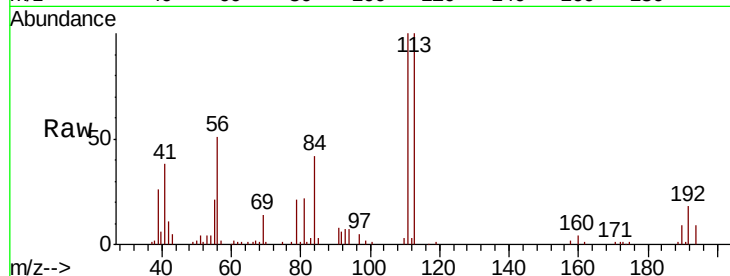
Tot Ion: 56 Resp: 165311

Ion Ratio Lower Upper

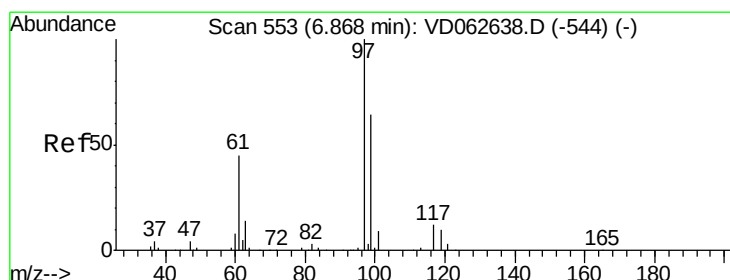
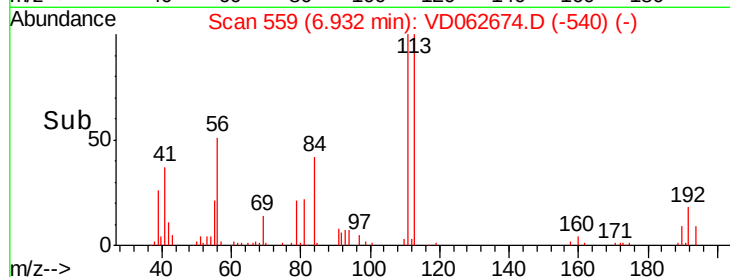
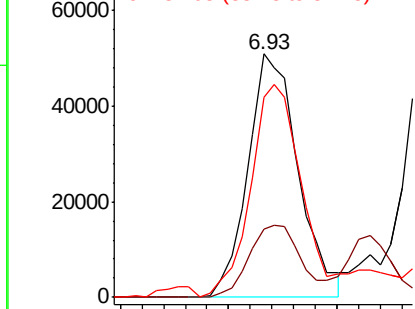
56 100

69 27.9 26.8 40.2

84 82.1 73.9 110.9



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



#32

1,1,1-Trichloroethane

Concen: 17.992 ug/l

RT: 6.86 min Scan# 552

Delta R.T. -0.00 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

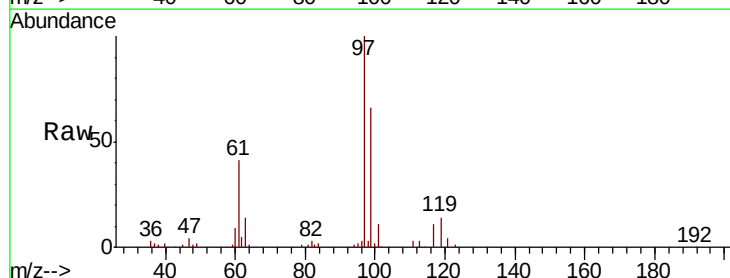
Tgt Ion: 97 Resp: 330225

Ion Ratio Lower Upper

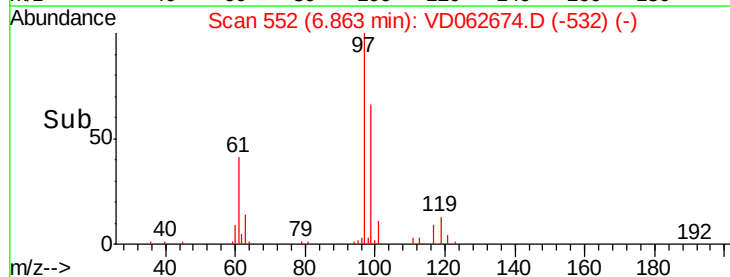
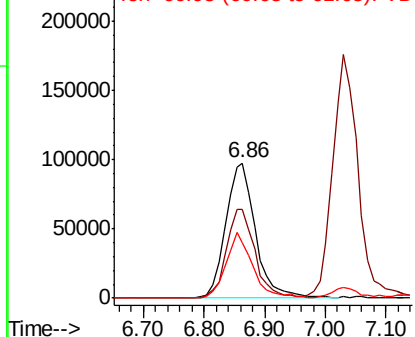
97 100

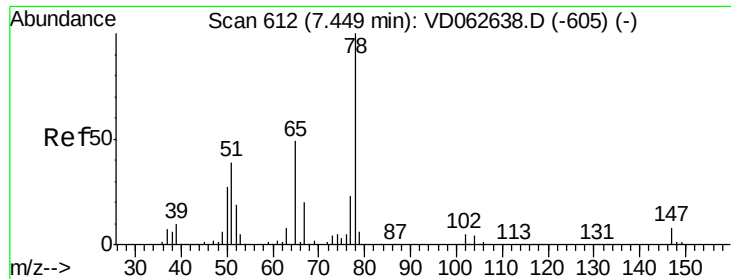
99 65.9 51.4 77.0

61 40.9 35.6 53.4



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

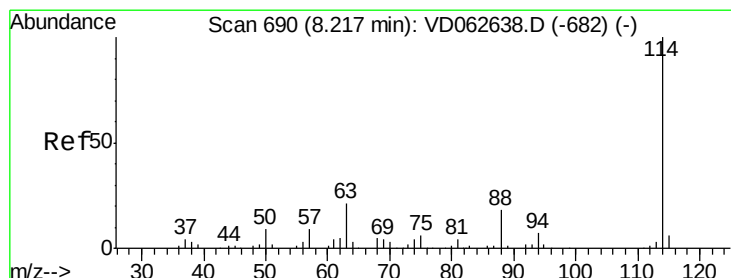
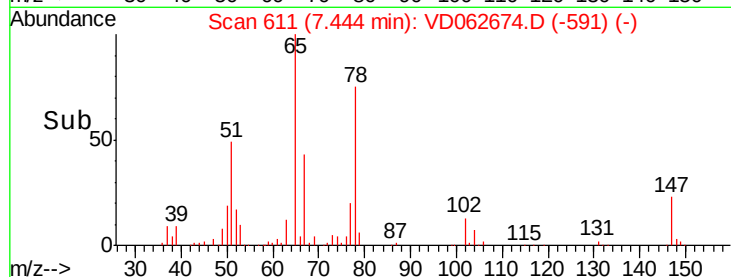
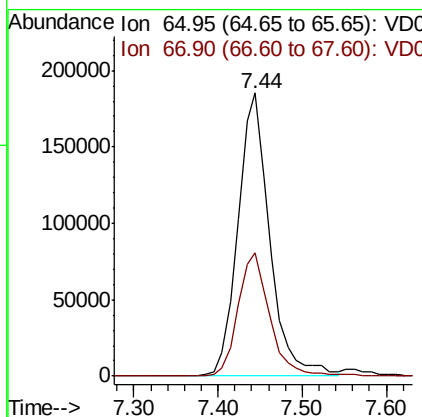
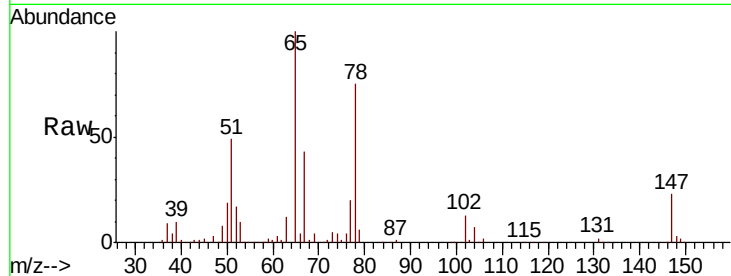




#33  
 1,2-Dichloroethane-d4  
 Concen: 42.482 ug/l  
 RT: 7.44 min Scan# 611  
 Delta R.T. -0.00 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

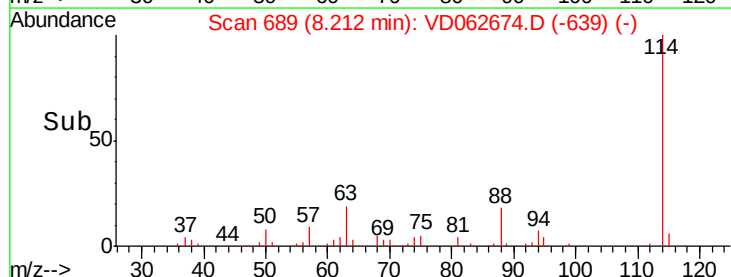
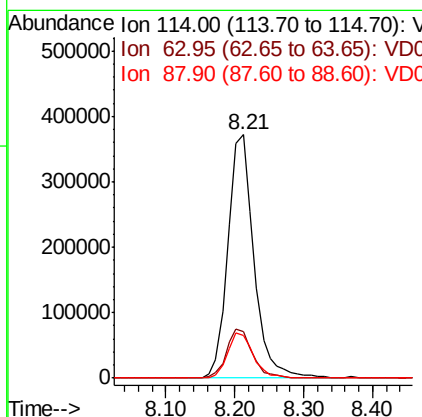
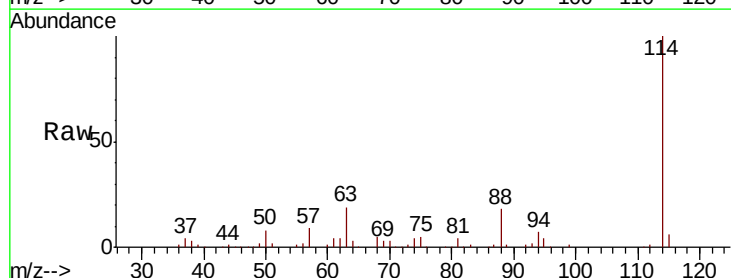
Instrument :  
 MSVOA\_D  
 ClientSampleId :

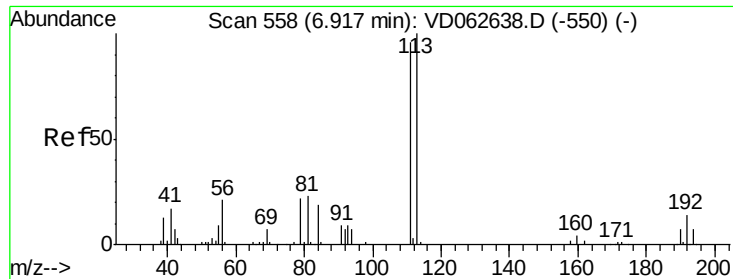
Tot Ion: 65 Resp: 485482  
 Ion Ratio Lower Upper  
 65 100  
 67 43.5 0.0 81.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.21 min Scan# 689  
 Delta R.T. -0.01 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

Tgt Ion: 114 Resp: 972118  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 42.4  
 88 17.5 0.0 36.8





#35

Dibromofluoromethane

Concen: 49.707 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

ClientSampleId :

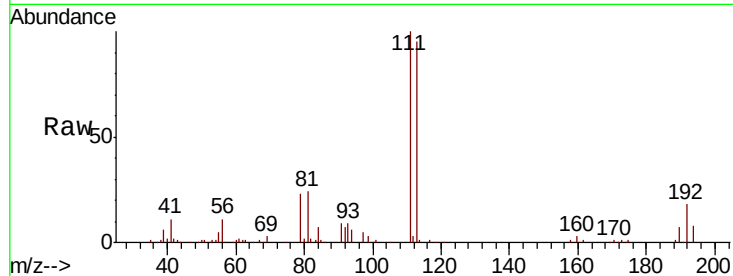
Tot Ion:113 Resp: 509613

Ion Ratio Lower Upper

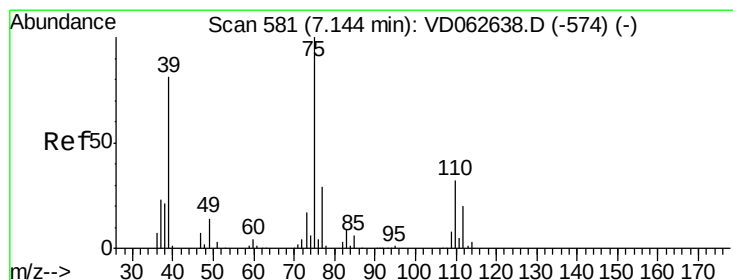
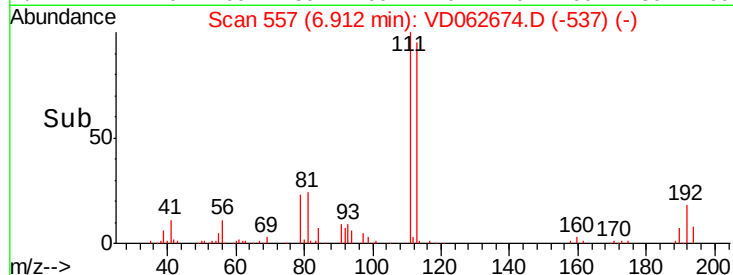
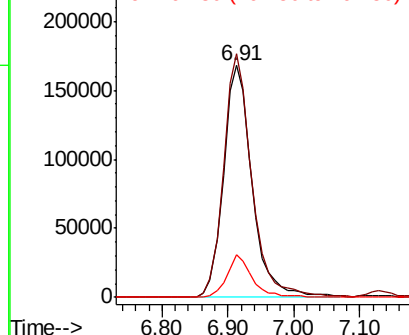
113 100

111 104.9 76.4 114.6

192 18.4 11.4 17.0#



Abundance Ion 112.90 (112.60 to 113.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 18.319 ug/l

RT: 7.13 min Scan# 579

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

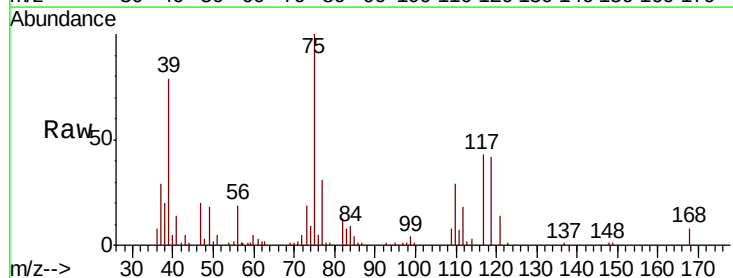
Tgt Ion: 75 Resp: 203813

Ion Ratio Lower Upper

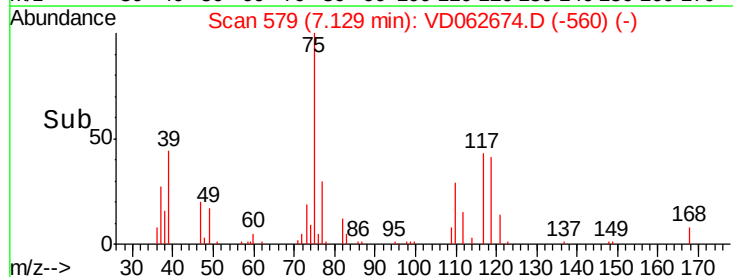
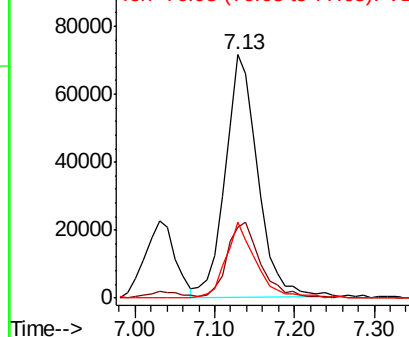
75 100

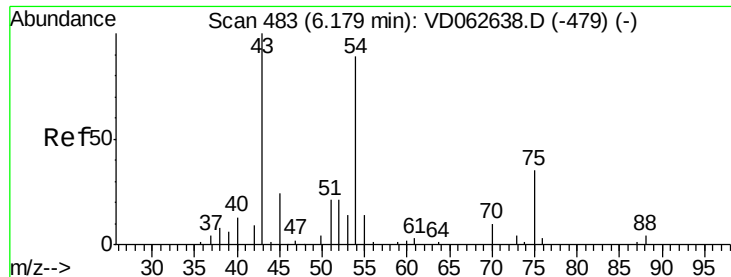
110 29.3 15.9 47.7

77 30.9 23.3 34.9



Abundance Ion 75.00 (74.70 to 75.70): V  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.95 (76.65 to 77.65): V

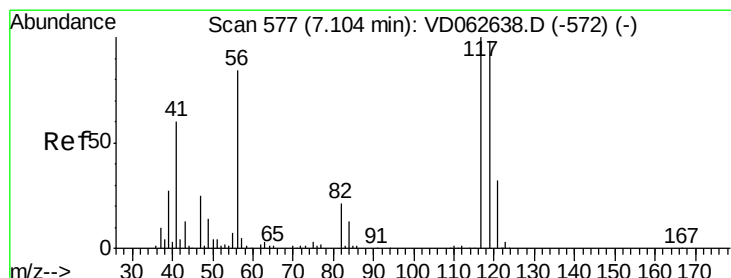
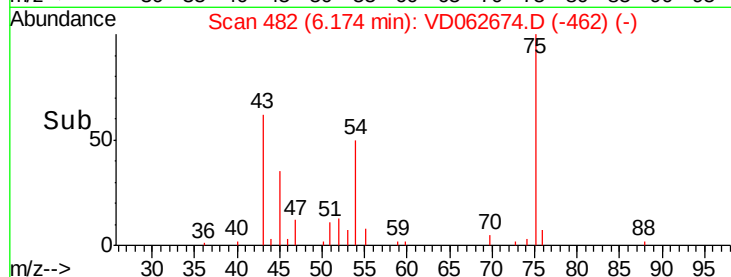
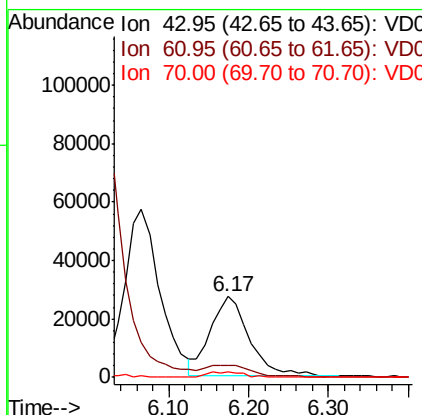
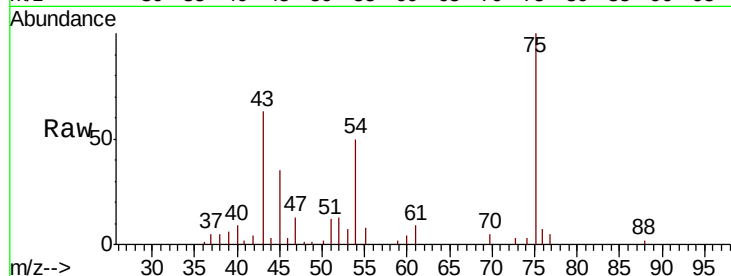




#37  
Ethyl Acetate  
Concen: 20.490 ug/l  
RT: 6.17 min Scan# 482  
Delta R.T. -0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

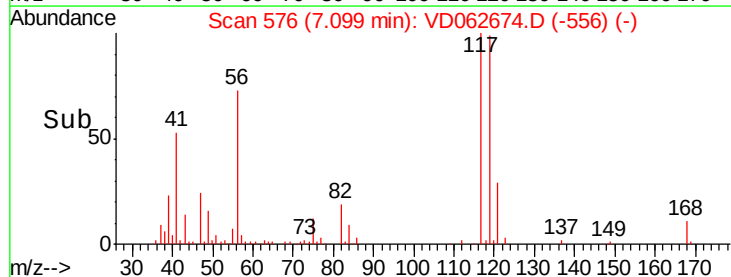
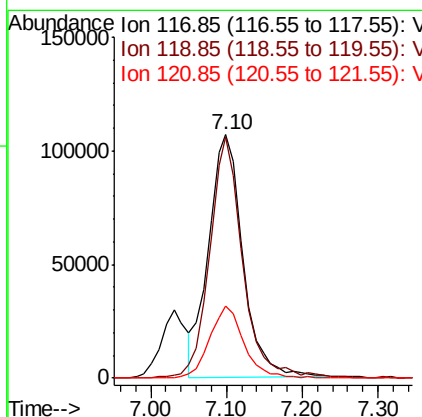
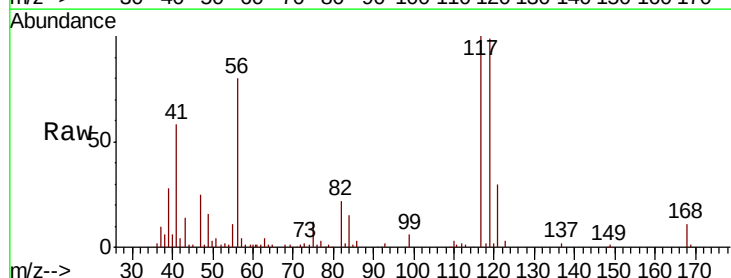
Instrument :  
MSVOA\_D  
ClientSampled :

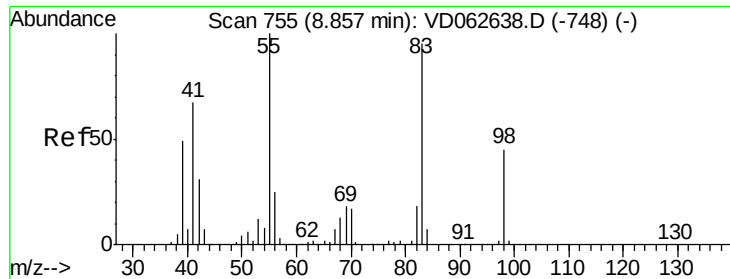
Tot Ion: 43 Resp: 93755  
Ion Ratio Lower Upper  
43 100  
61 15.1 8.7 13.1#  
70 7.5 6.5 9.7



#38  
Carbon Tetrachloride  
Concen: 19.201 ug/l  
RT: 7.10 min Scan# 576  
Delta R.T. -0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Tgt Ion: 117 Resp: 337658  
Ion Ratio Lower Upper  
117 100  
119 99.0 73.5 110.3  
121 29.8 24.2 36.4

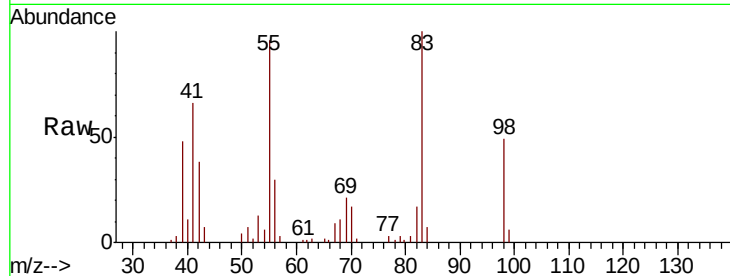




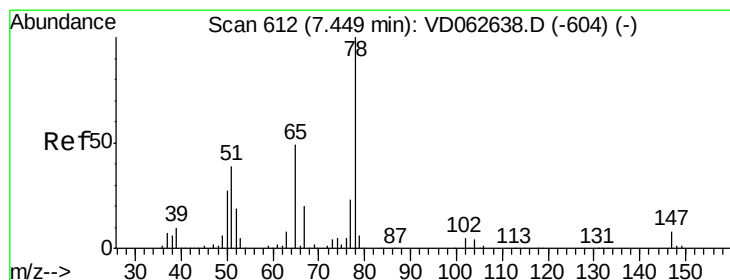
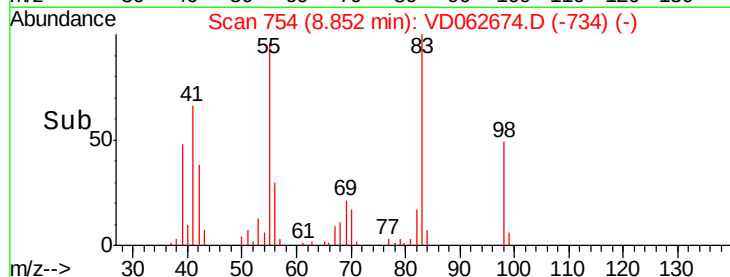
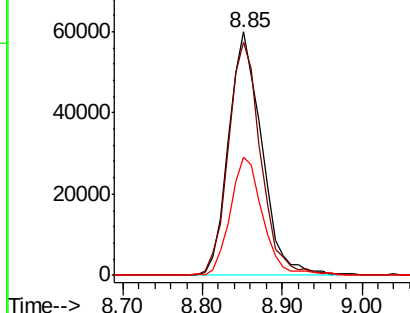
#39  
Methylvlcyclohexane  
Concen: 19.312 ug/l  
RT: 8.85 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 83 Resp: 173632  
Ion Ratio Lower Upper  
83 100  
55 95.7 84.6 127.0  
98 48.8 38.2 57.4

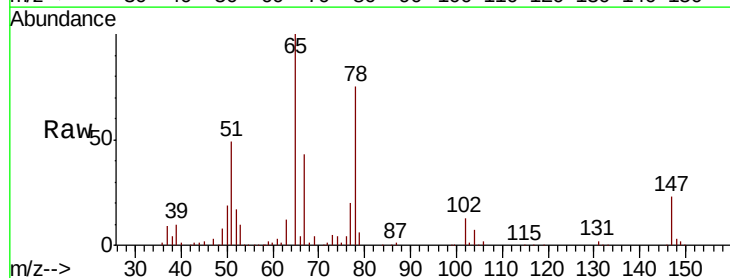


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

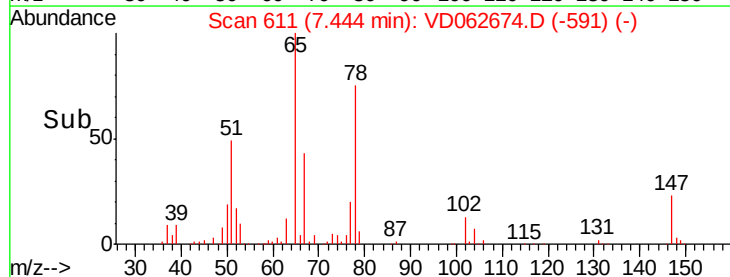
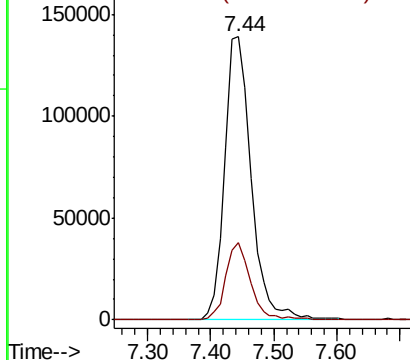


#40  
Benzene  
Concen: 18.710 ug/l  
RT: 7.44 min Scan# 611  
Delta R.T. -0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

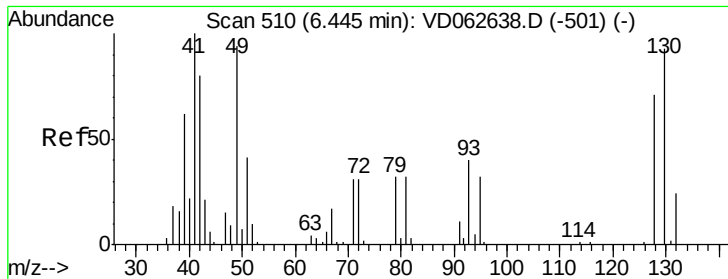
Tgt Ion: 78 Resp: 406525  
Ion Ratio Lower Upper  
78 100  
77 27.1 18.6 28.0



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



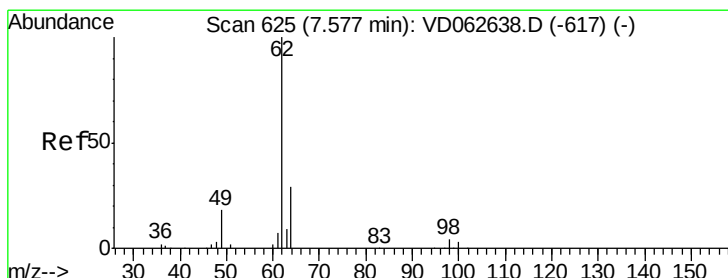
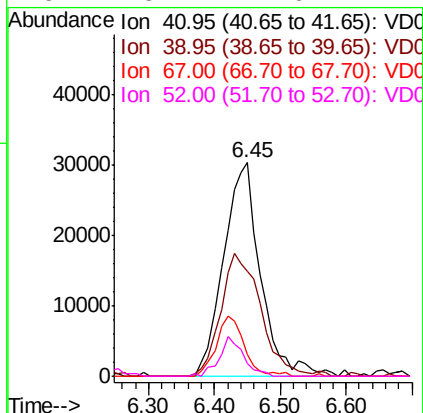
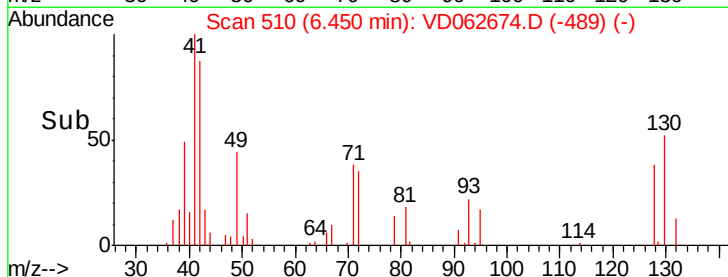
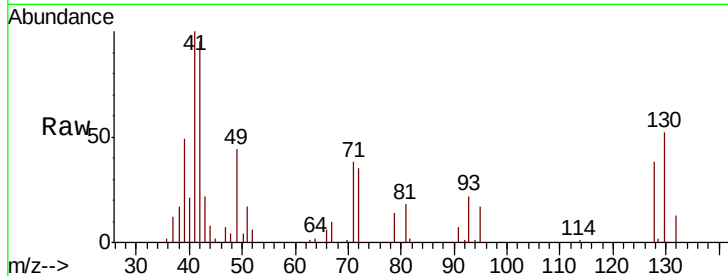




#41  
Methacrylonitrile  
Concen: 20.363 ug/l  
RT: 6.45 min Scan# 510  
Delta R.T. 0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

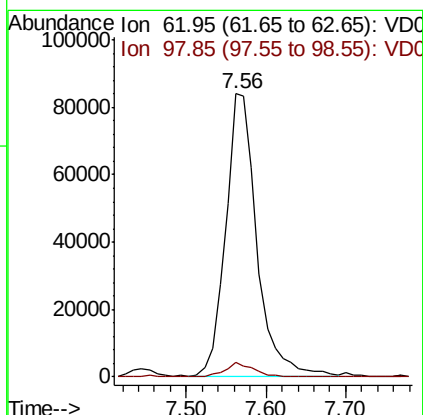
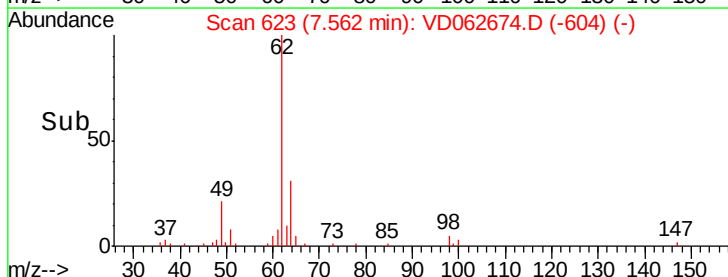
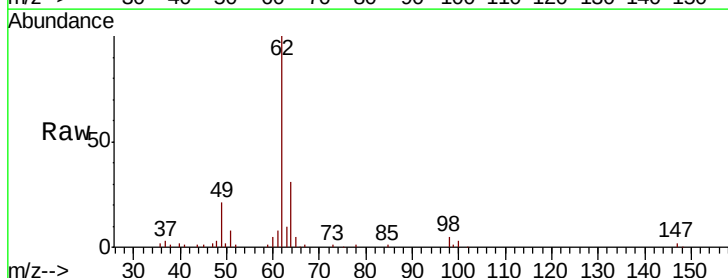
Instrument :  
MSVOA\_D  
ClientSampleId :

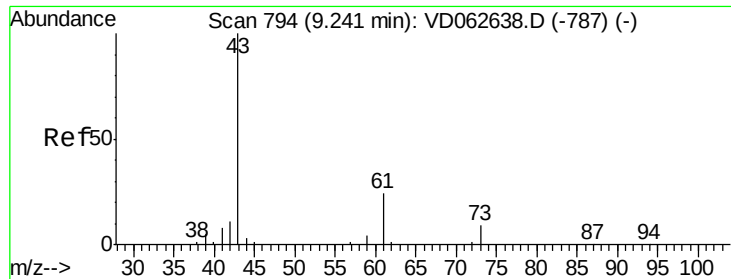
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 49.1  | 49.2  | 73.8# |
| 67      | 10.1  | 13.9  | 20.9# |
| 52      | 5.7   | 7.6   | 11.4# |



#42  
1,2-Dichloroethane  
Concen: 17.907 ug/l  
RT: 7.56 min Scan# 623  
Delta R.T. -0.01 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 5.0   | 0.0   | 7.4   |





#43

Isopropyl Acetate

Concen: 19.683 ug/l

RT: 9.24 min Scan# 793

Delta R.T. -0.00 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

ClientSampled :

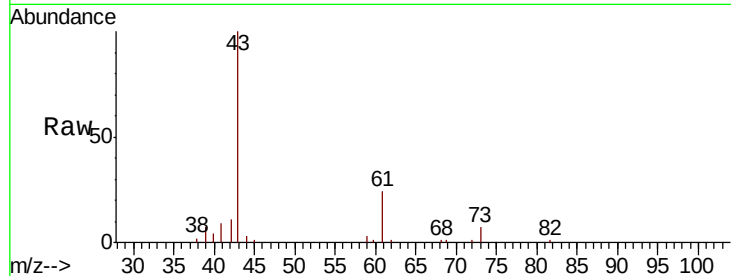
Tot Ion: 43 Resp: 115549

Ion Ratio Lower Upper

43 100

61 23.7 19.0 28.6

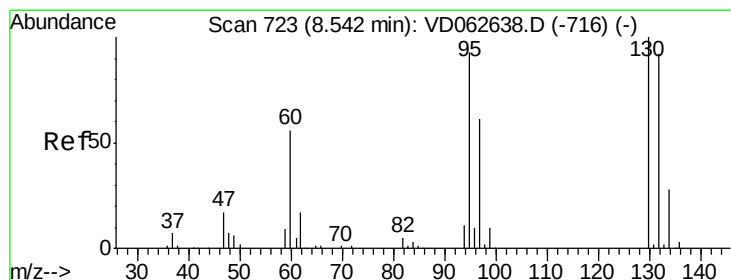
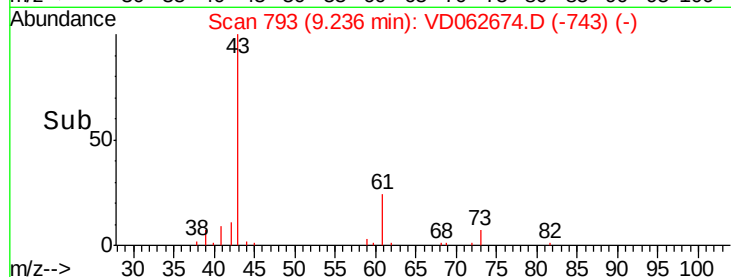
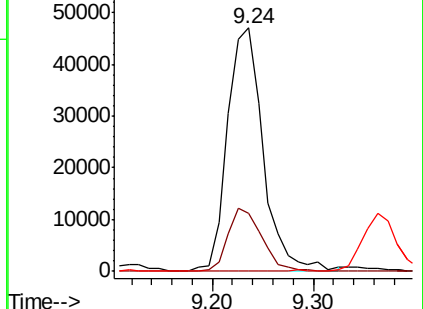
87 0.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.295 ug/l

RT: 8.53 min Scan# 721

Delta R.T. -0.01 min

Lab File: VD062674.D

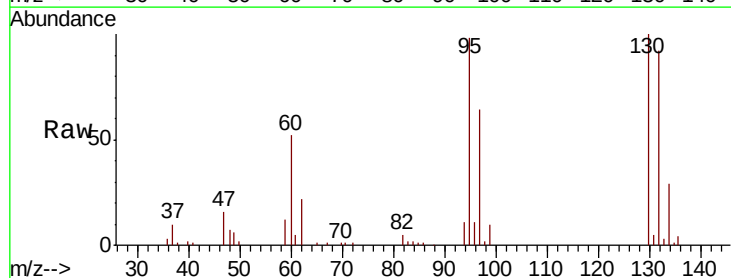
Acq: 12 Jun 2019 15:14

Tgt Ion:130 Resp: 170203

Ion Ratio Lower Upper

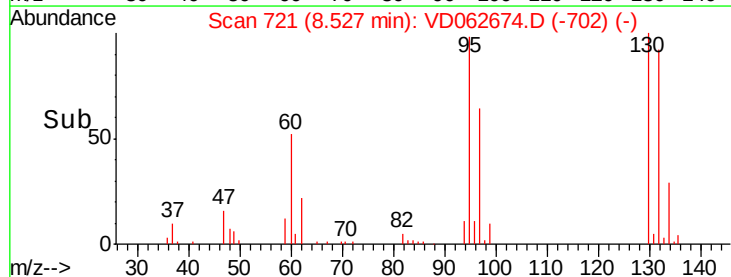
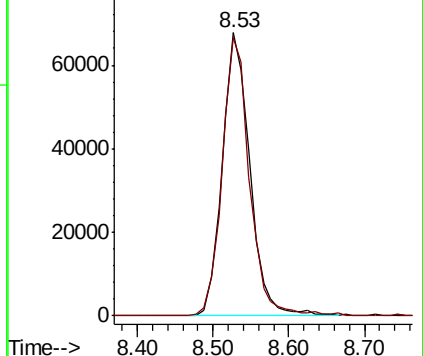
130 100

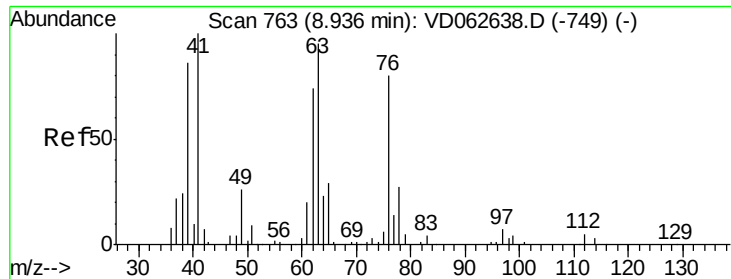
95 98.2 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.375 ug/l

RT: 8.93 min Scan# 762

Delta R.T. -0.00 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

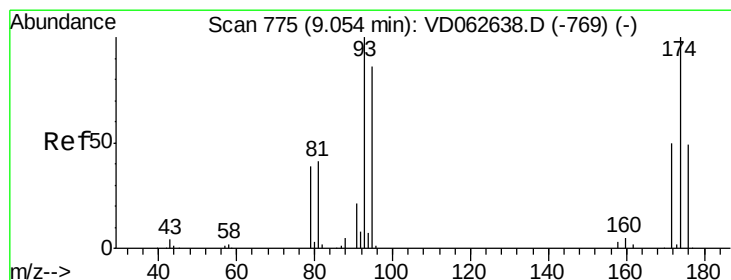
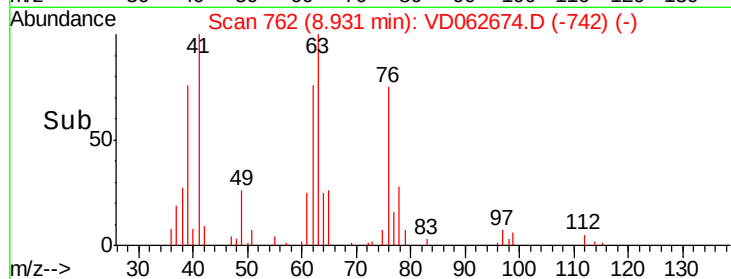
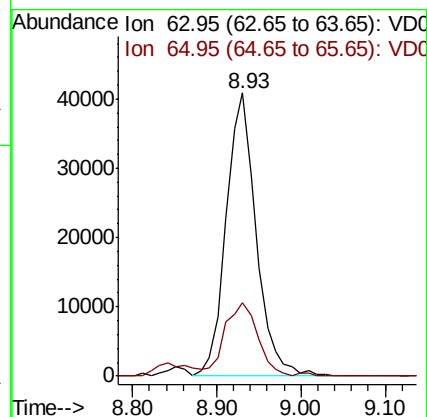
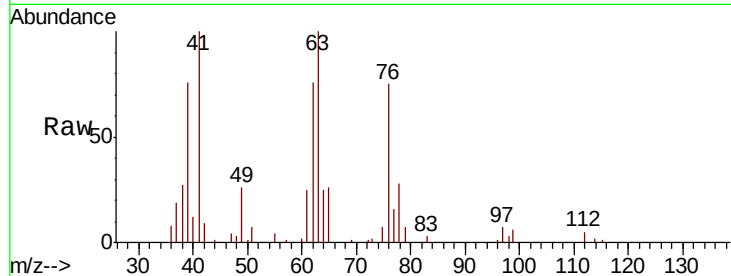
ClientSampleId :

Tot Ion: 63 Resp: 101119

Ion Ratio Lower Upper

63 100

65 25.9 24.6 37.0



#46

Dibromomethane

Concen: 19.902 ug/l

RT: 9.05 min Scan# 774

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

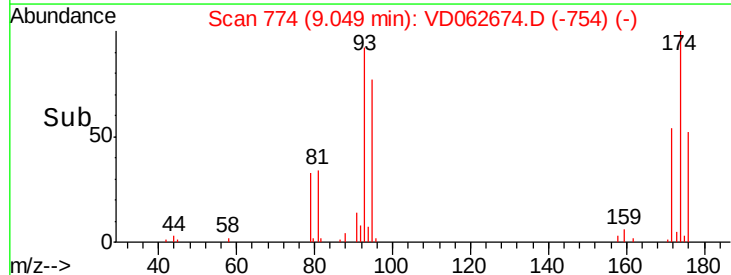
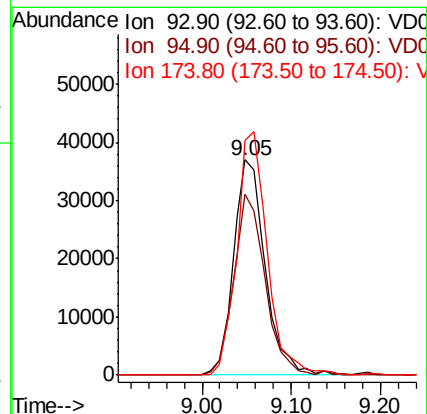
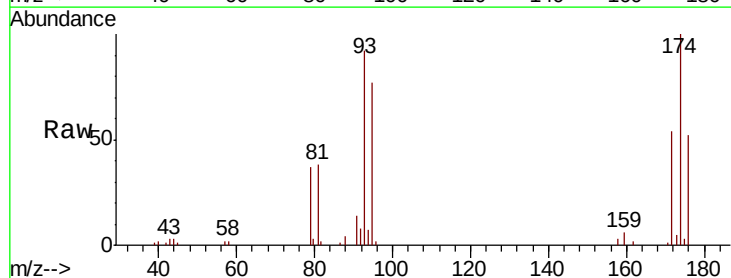
Tgt Ion: 93 Resp: 92197

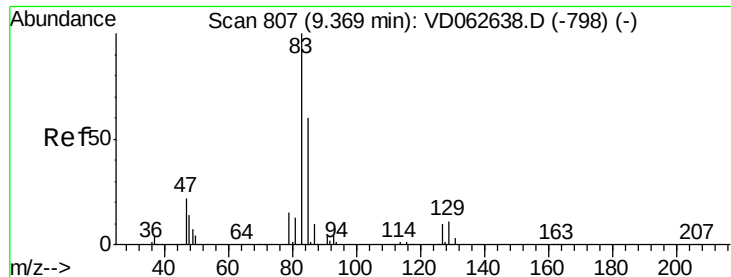
Ion Ratio Lower Upper

93 100

95 84.2 68.7 103.1

174 108.9 79.8 119.8





#47

Bromodichloromethane

Concen: 19.302 ug/l

RT: 9.36 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

ClientSampled :

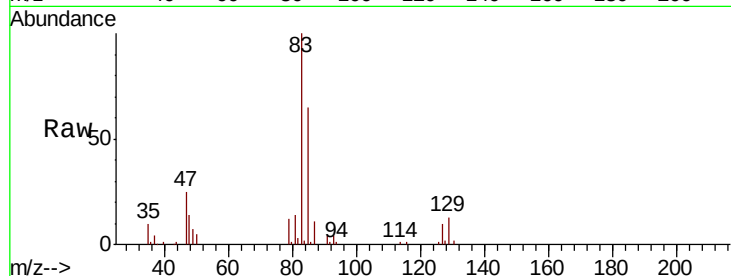
Tot Ion: 83 Resp: 243238

Ion Ratio Lower Upper

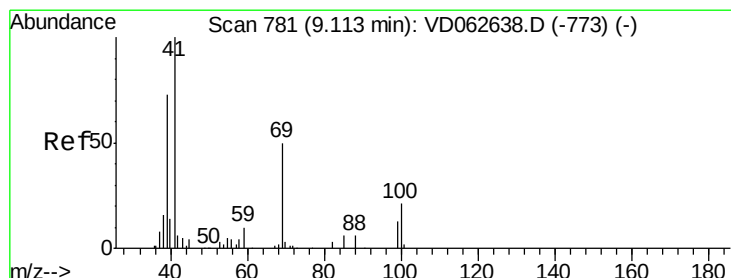
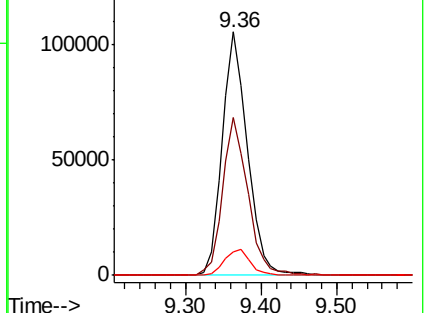
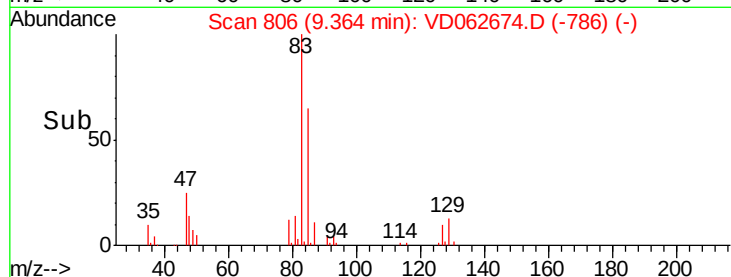
83 100

85 64.7 47.9 71.9

127 9.8 8.2 12.4



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



#48

Methyl methacrylate

Concen: 17.796 ug/l

RT: 9.11 min Scan# 780

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

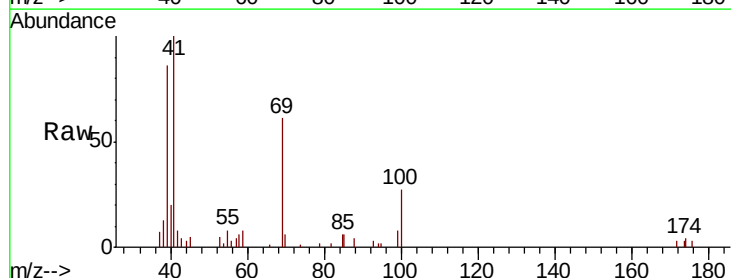
Tgt Ion: 41 Resp: 75473

Ion Ratio Lower Upper

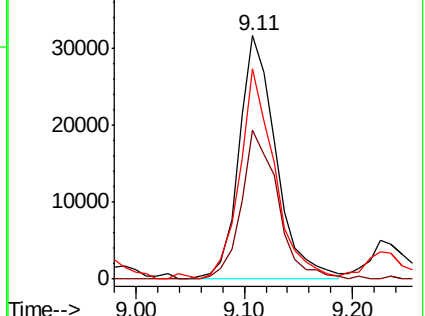
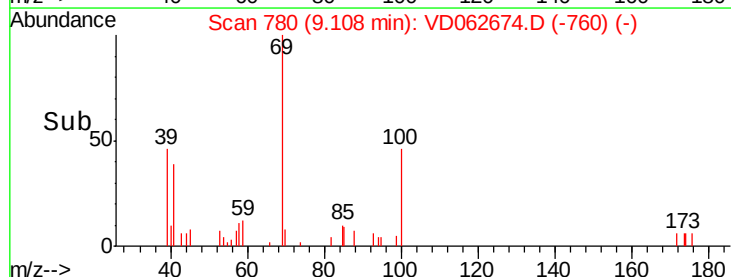
41 100

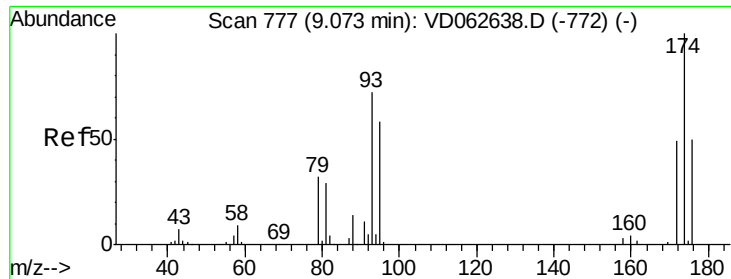
69 61.2 39.8 59.6#

39 86.2 59.1 88.7



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

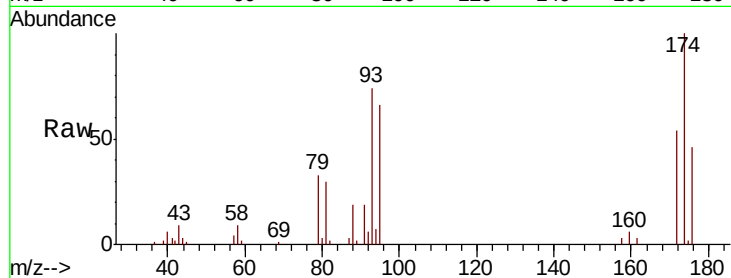




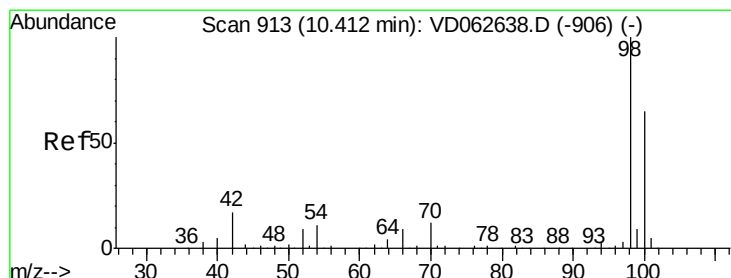
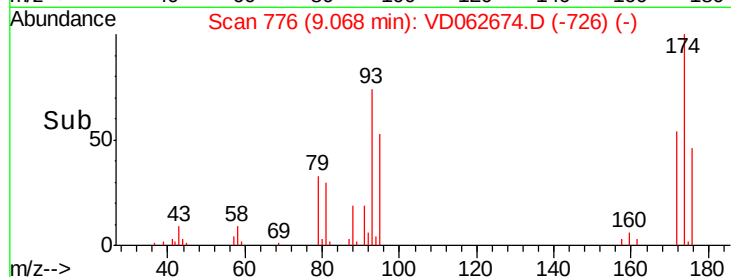
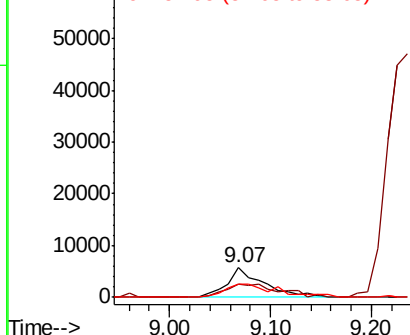
#49  
1,4-Dioxane  
Concen: 408.158 ug/l  
RT: 9.07 min Scan# 776  
Delta R.T. -0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 88 Resp: 14366  
Ion Ratio Lower Upper  
88 100  
43 58.8 40.7 61.1  
58 46.9 54.2 81.4#

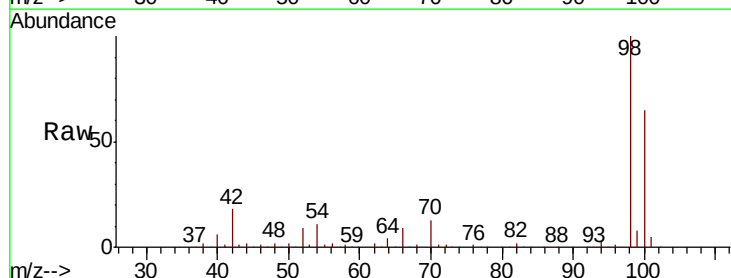


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

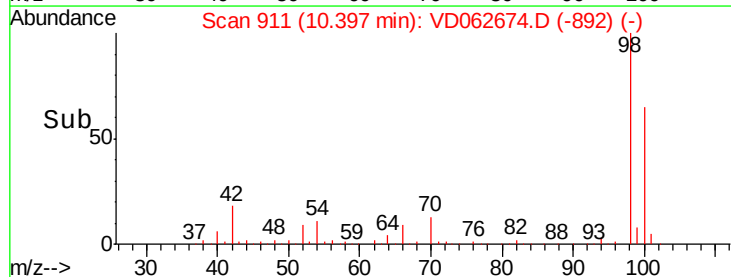
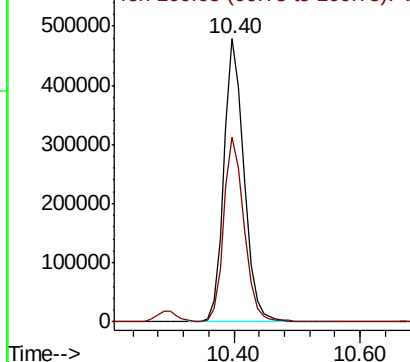


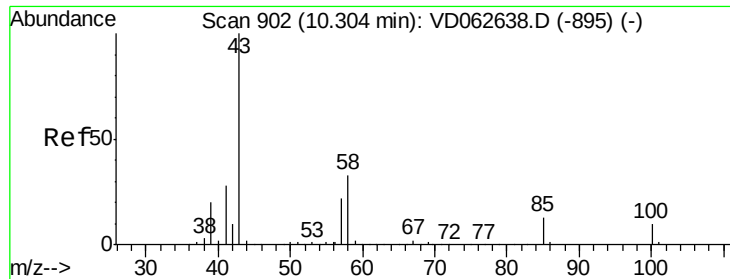
#50  
Toluene-d8  
Concen: 49.148 ug/l  
RT: 10.40 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Tgt Ion: 98 Resp: 1059988  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.1 78.1



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





#51

4-Methyl-2-Pentanone

Concen: 97.126 ug/l

RT: 10.29 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

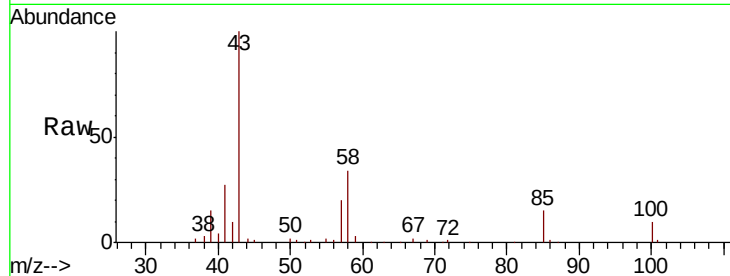
ClientSampleId :

Tot Ion: 43 Resp: 398965

Ion Ratio Lower Upper

43 100

58 34.1 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.29

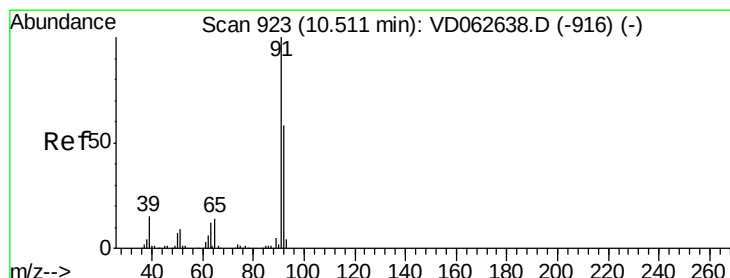
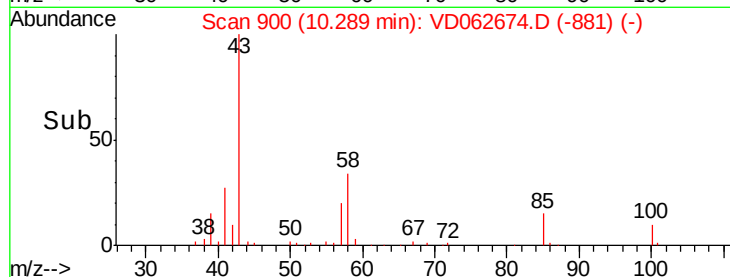
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.803 ug/l

RT: 10.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: VD062674.D

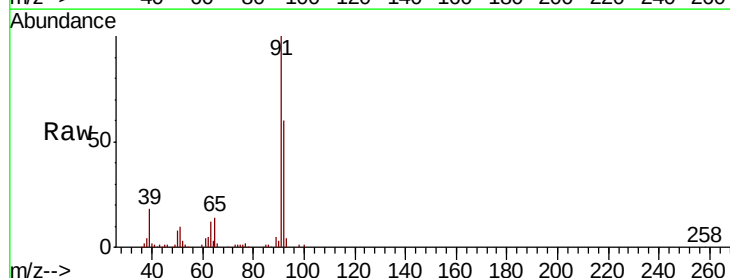
Acq: 12 Jun 2019 15:14

Tgt Ion: 92 Resp: 274624

Ion Ratio Lower Upper

92 100

91 165.9 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

200000

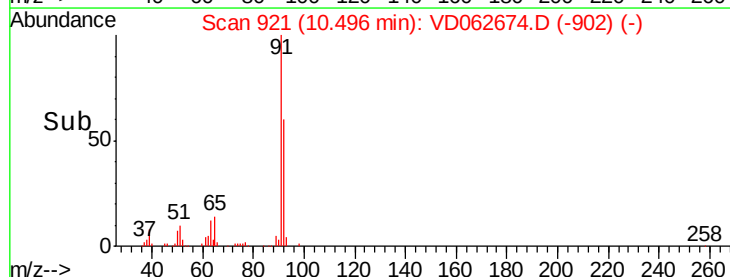
150000

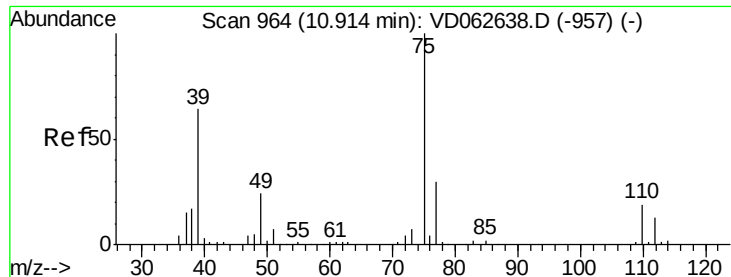
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.814 ug/l

RT: 10.90 min Scan# 962

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

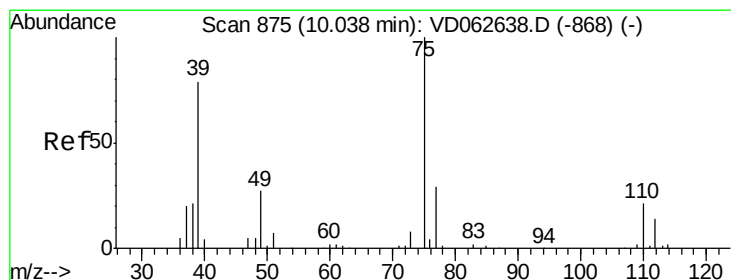
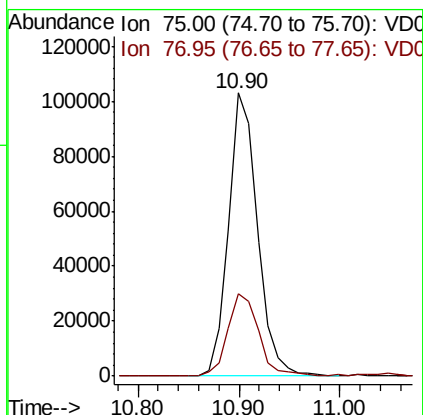
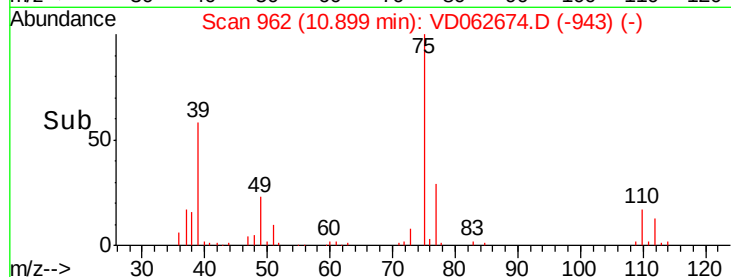
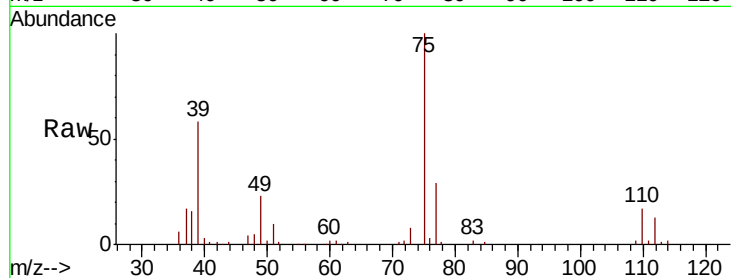
ClientSampled :

Tot Ion: 75 Resp: 204720

Ion Ratio Lower Upper

75 100

77 29.0 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.493 ug/l

RT: 10.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

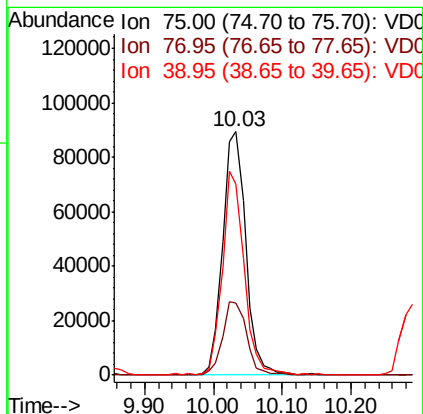
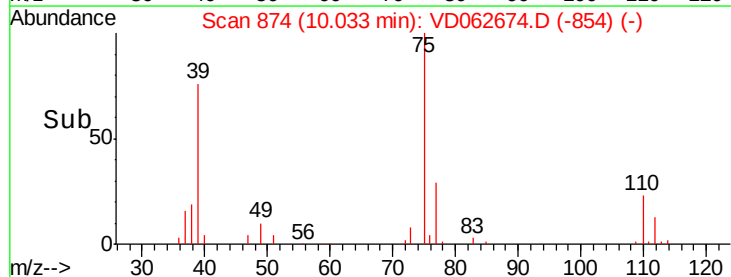
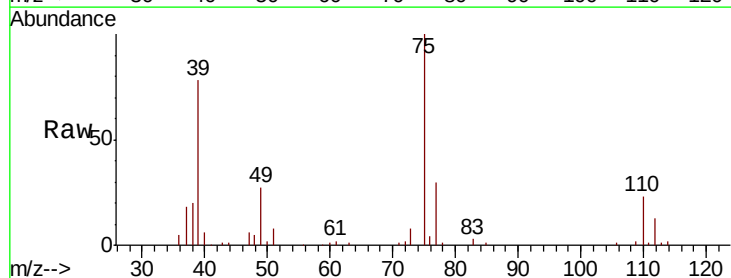
Tgt Ion: 75 Resp: 208160

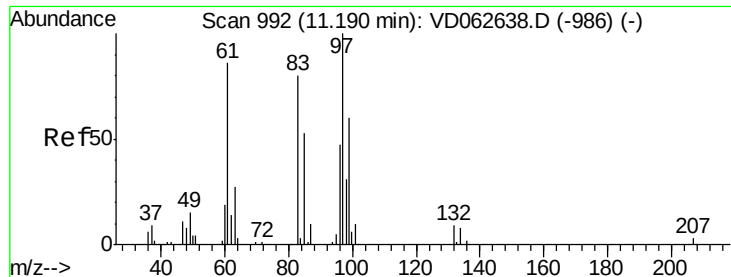
Ion Ratio Lower Upper

75 100

77 29.7 23.1 34.7

39 78.5 63.4 95.2

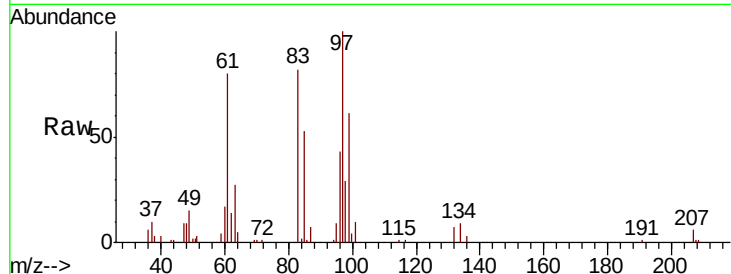




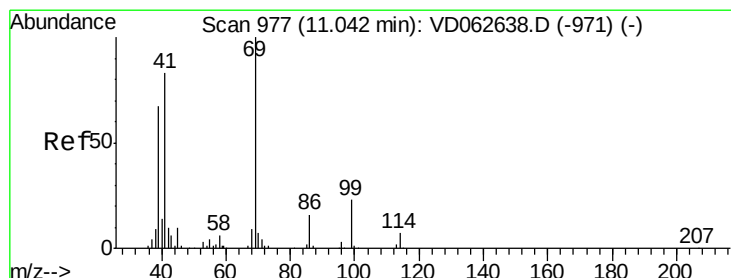
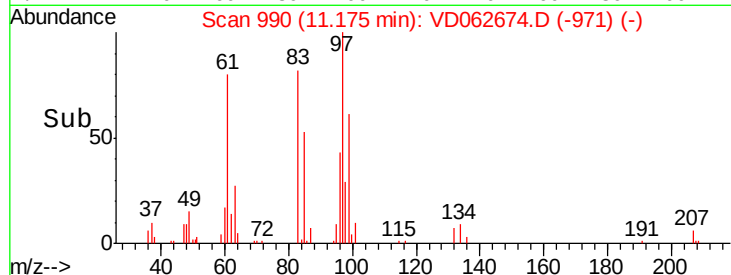
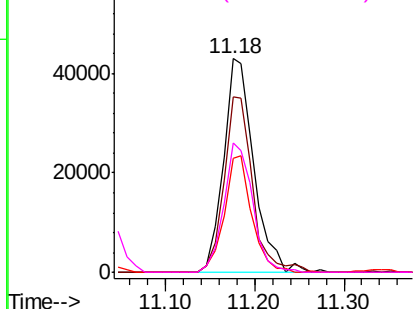
#55  
 1,1,2-Trichloroethane  
 Concen: 20.449 ug/l  
 RT: 11.18 min Scan# 990  
 Delta R.T. -0.01 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 97 Resp: 102422  
 Ion Ratio Lower Upper  
 97 100  
 83 82.0 63.8 95.8  
 85 53.2 42.3 63.5  
 99 60.6 48.0 72.0

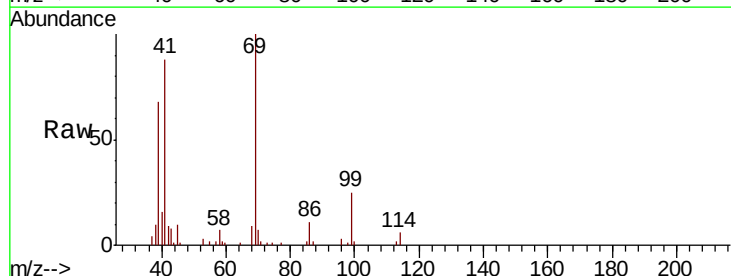


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

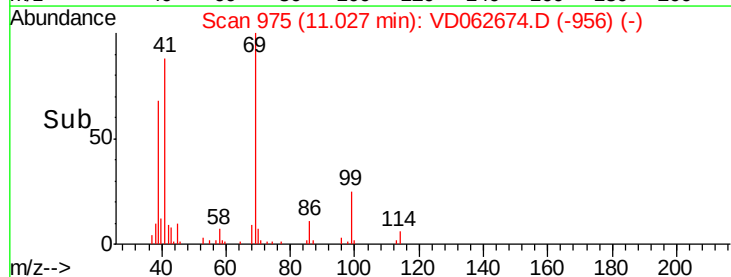
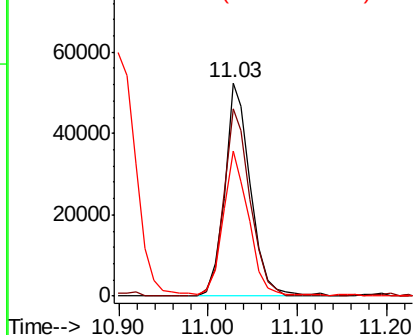


#56  
 Ethyl methacrylate  
 Concen: 20.224 ug/l  
 RT: 11.03 min Scan# 975  
 Delta R.T. -0.01 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

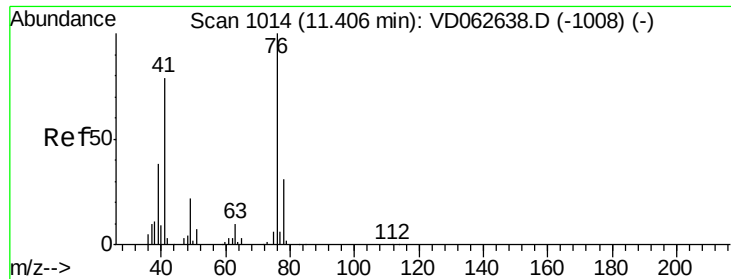
Tgt Ion: 69 Resp: 106679  
 Ion Ratio Lower Upper  
 69 100  
 41 88.1 66.2 99.4  
 39 68.3 53.8 80.8



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



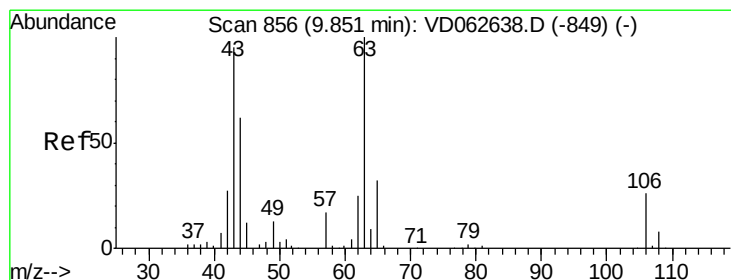
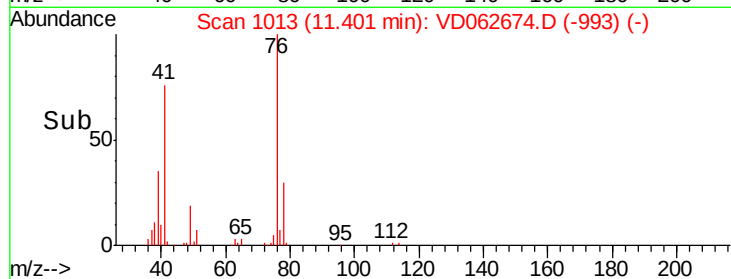
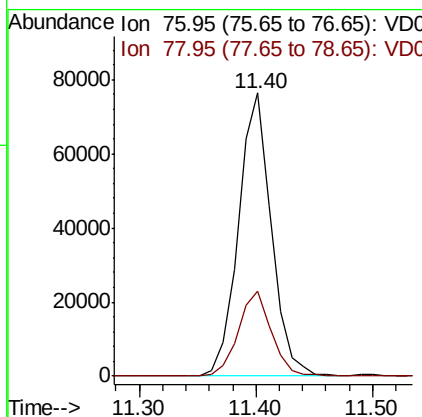
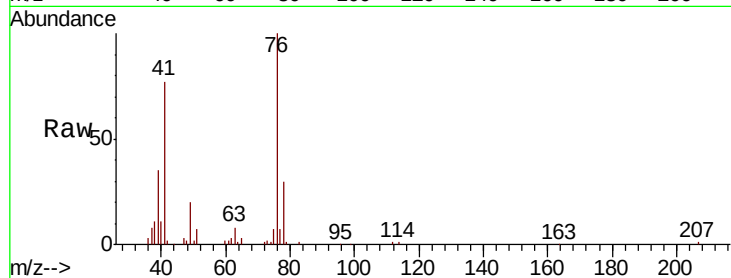




#57  
 1,3-Dichloropropane  
 Concen: 19.187 ug/l  
 RT: 11.40 min Scan# 1013  
 Delta R.T. -0.01 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

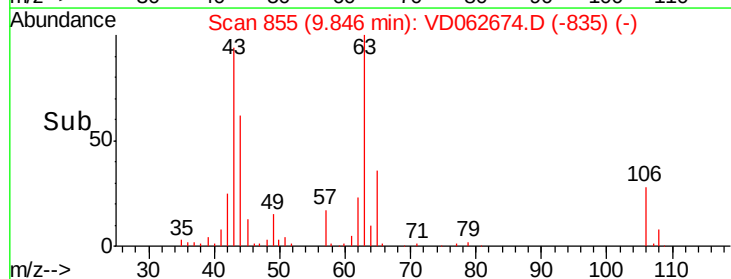
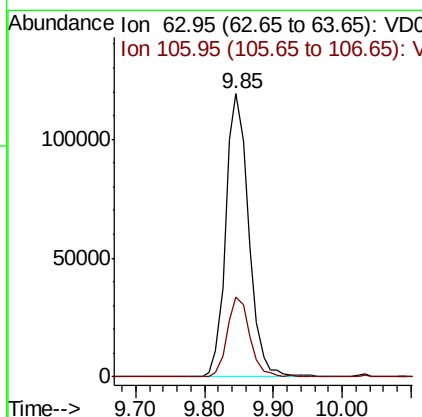
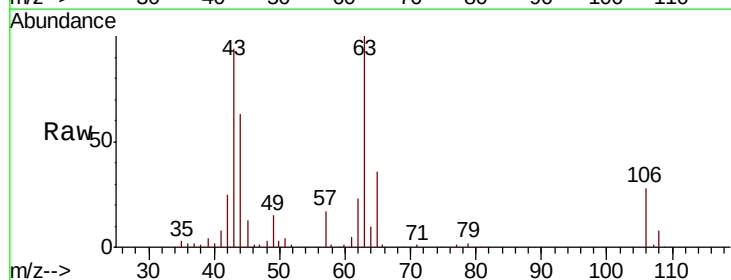
Instrument :  
 MSVOA\_D  
 ClientSampled :

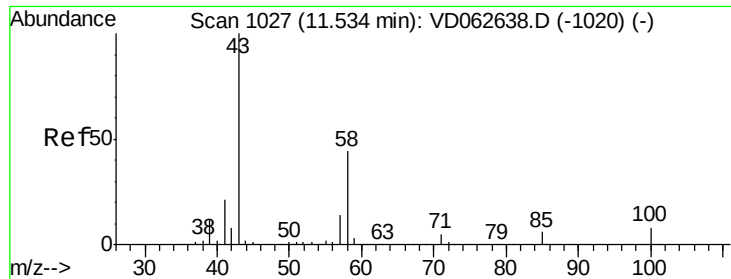
Tot Ion: 76 Resp: 148948  
 Ion Ratio Lower Upper  
 76 100  
 78 30.2 24.9 37.3



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 102.766 ug/l  
 RT: 9.85 min Scan# 855  
 Delta R.T. -0.00 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

Tgt Ion: 63 Resp: 275105  
 Ion Ratio Lower Upper  
 63 100  
 106 28.0 20.5 30.7

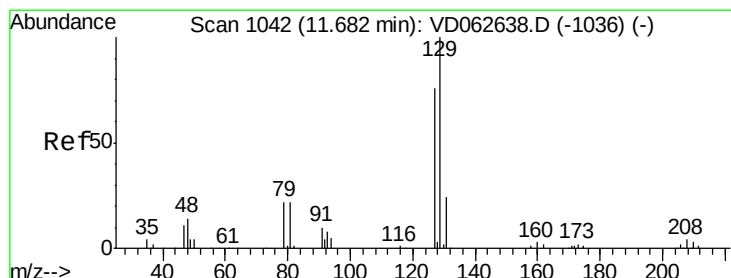
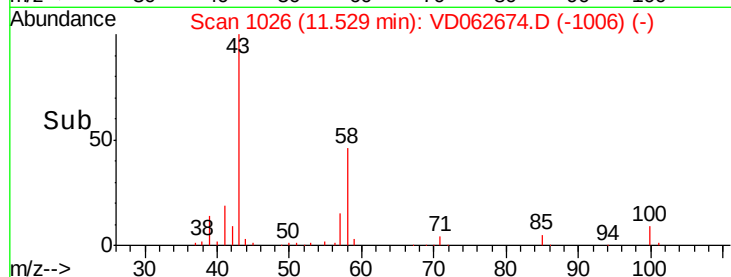
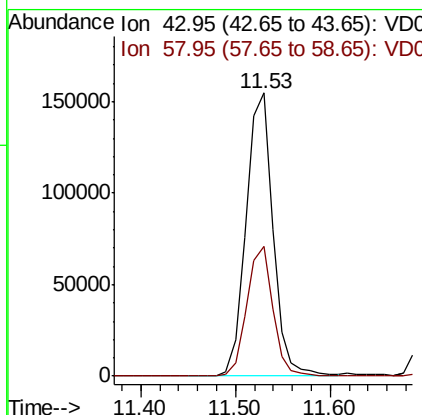
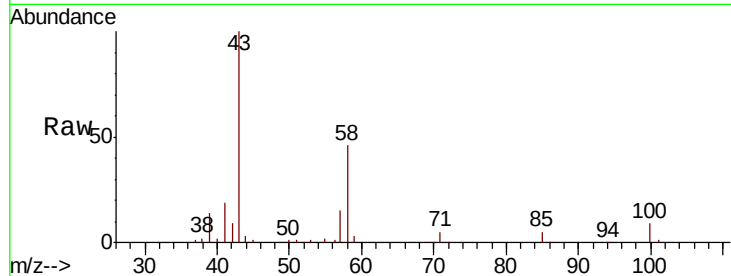




#59  
2-Hexanone  
Concen: 100.016 ug/l  
RT: 11.53 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

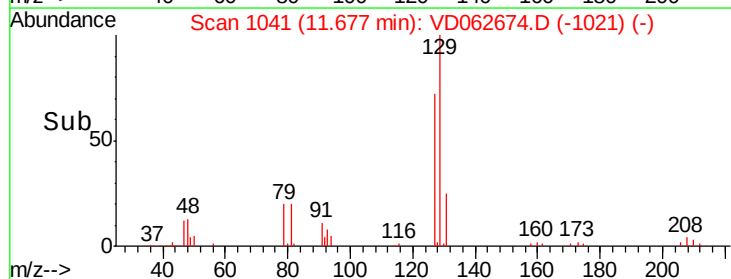
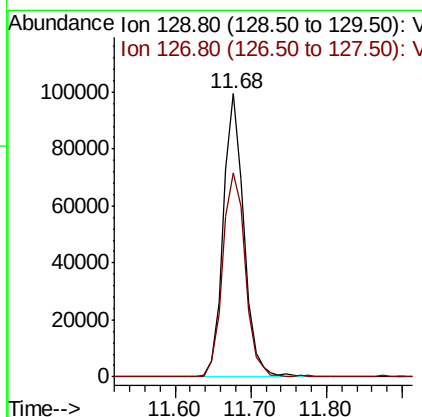
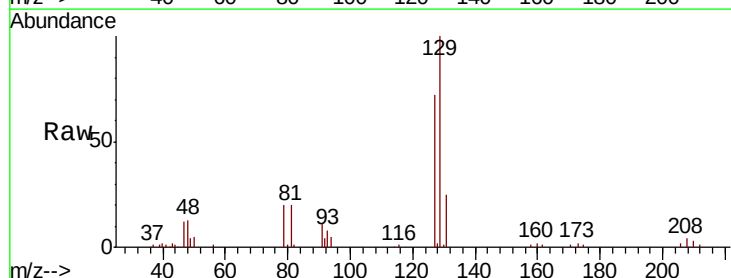
Instrument :  
MSVOA\_D  
ClientSampleId :

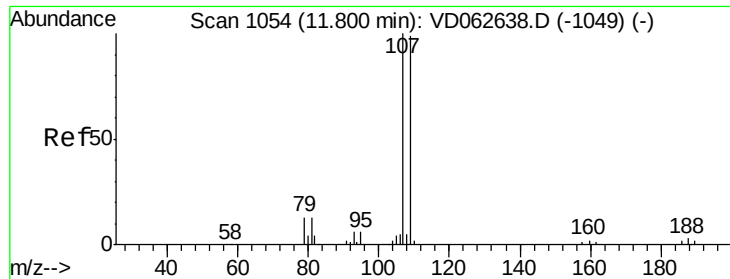
Tot Ion: 43 Resp: 305604  
Ion Ratio Lower Upper  
43 100  
58 46.0 21.8 65.4



#60  
Dibromochloromethane  
Concen: 18.916 ug/l  
RT: 11.68 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Tgt Ion:129 Resp: 187027  
Ion Ratio Lower Upper  
129 100  
127 72.2 38.0 114.1

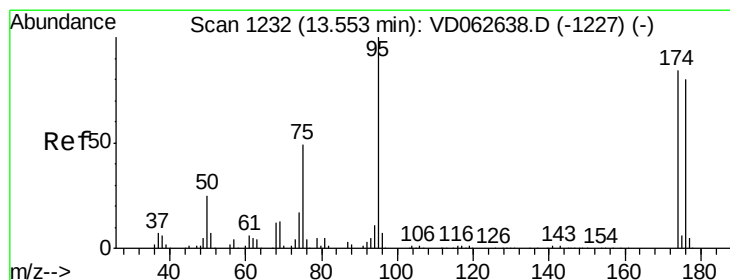
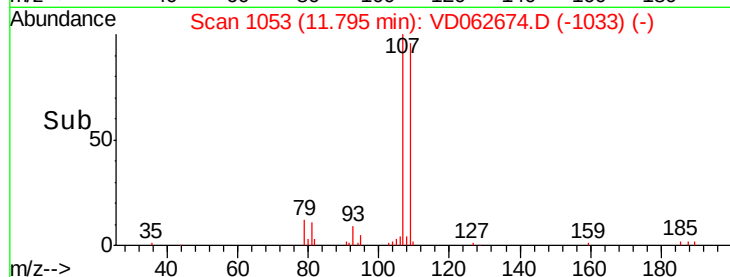
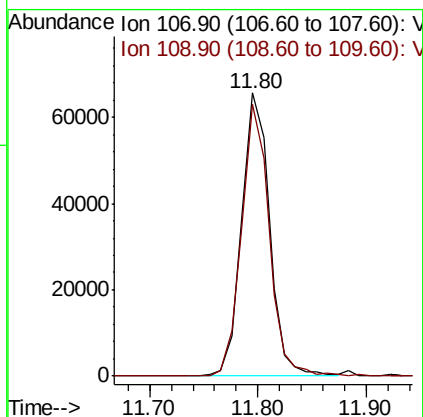
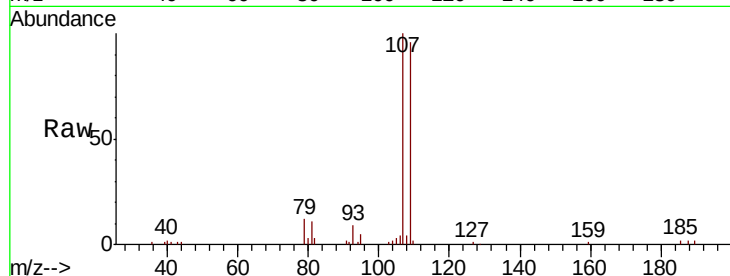




#61  
 1,2-Dibromoethane  
 Concen: 19.705 ug/l  
 RT: 11.80 min Scan# 1053  
 Delta R.T. -0.01 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

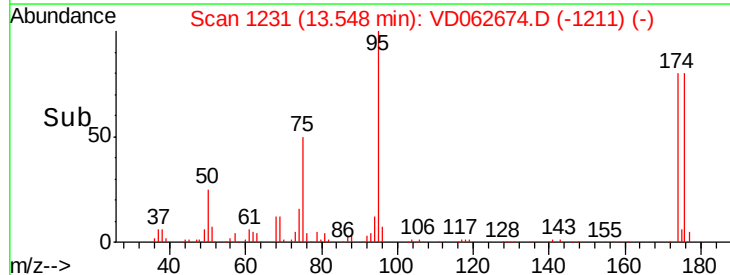
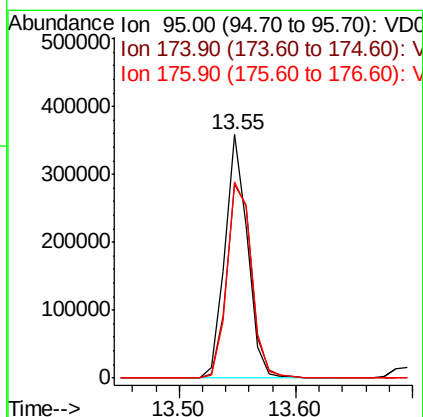
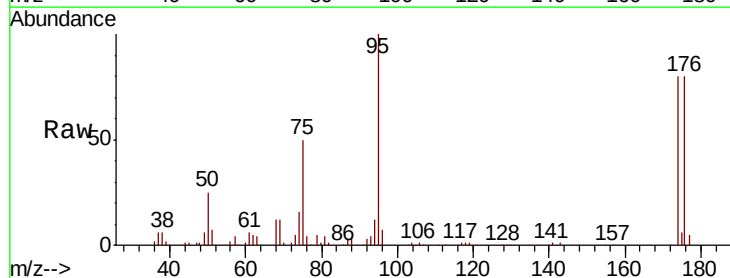
Instrument :  
 MSVOA\_D  
 ClientSampleId :

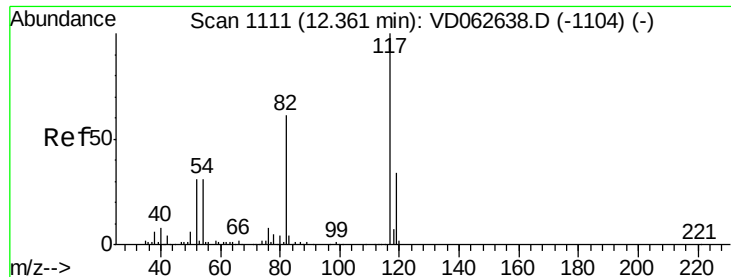
Tot Ion: 107 Resp: 118124  
 Ion Ratio Lower Upper  
 107 100  
 109 96.1 79.2 118.8



#62  
 4-Bromofluorobenzene  
 Concen: 47.809 ug/l  
 RT: 13.55 min Scan# 1231  
 Delta R.T. -0.00 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

Tgt Ion: 95 Resp: 481048  
 Ion Ratio Lower Upper  
 95 100  
 174 79.6 0.0 167.0  
 176 80.5 0.0 159.2

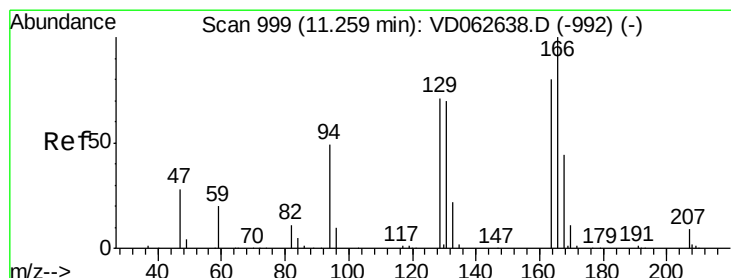
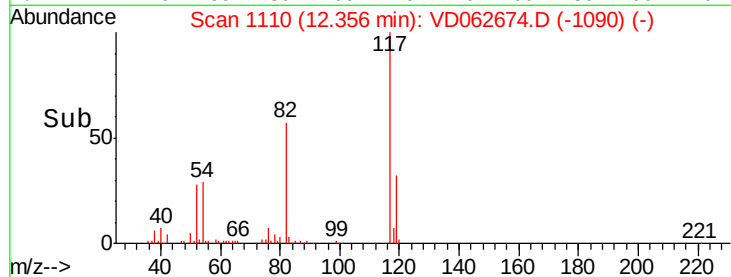
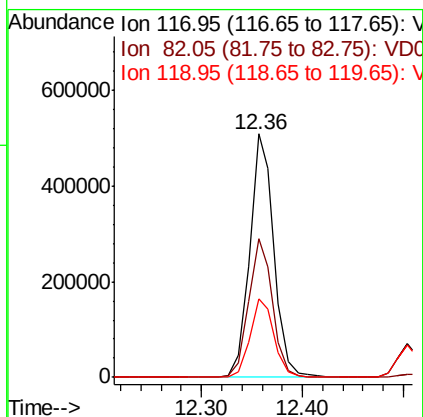
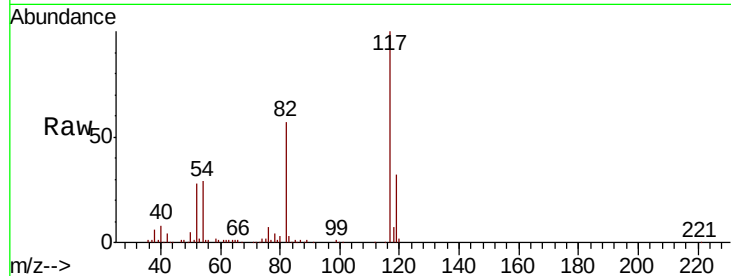




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1110  
Delta R.T. -0.01 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

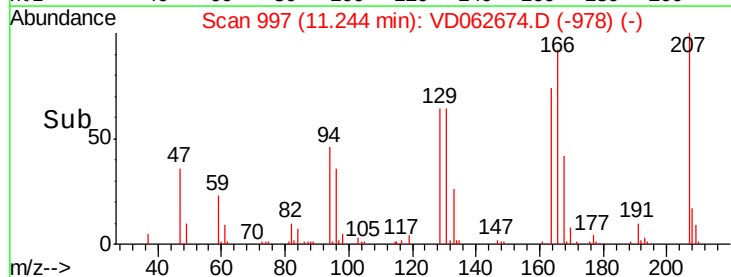
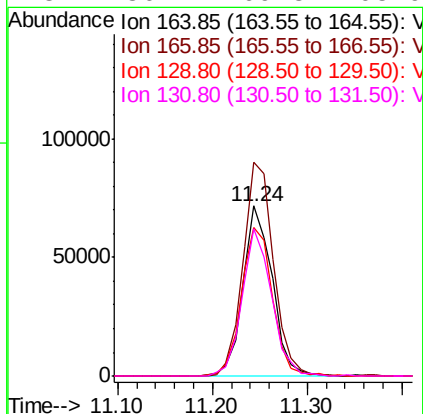
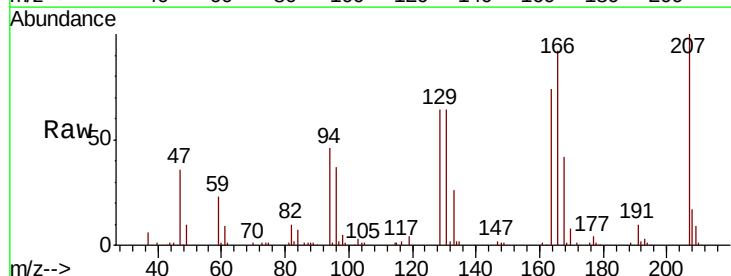
Instrument :  
MSVOA\_D  
ClientSampleId :

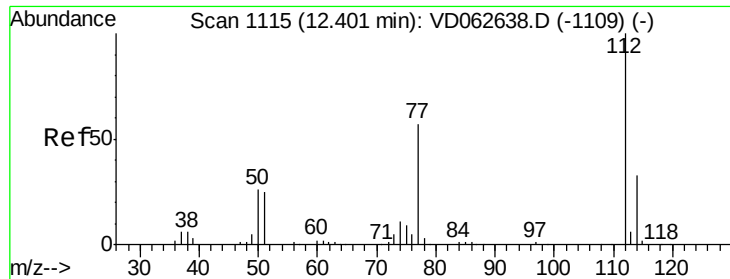
Tot Ion:117 Resp: 847916  
Ion Ratio Lower Upper  
117 100  
82 56.9 48.7 73.1  
119 32.2 27.0 40.6



#64  
Tetrachloroethene  
Concen: 19.337 ug/l  
RT: 11.24 min Scan# 997  
Delta R.T. -0.01 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Tgt Ion:164 Resp: 153489  
Ion Ratio Lower Upper  
164 100  
166 125.5 99.4 149.2  
129 87.2 70.2 105.4  
131 86.7 69.3 103.9

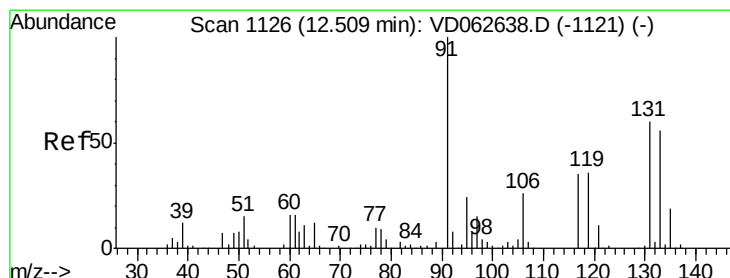
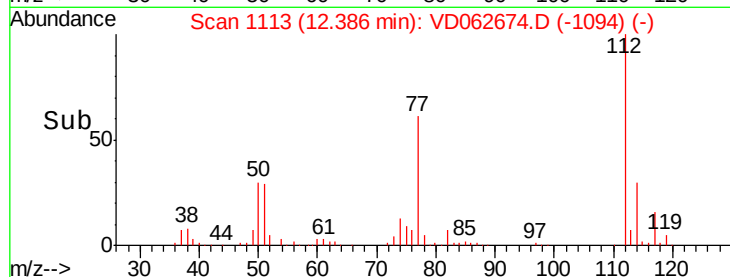
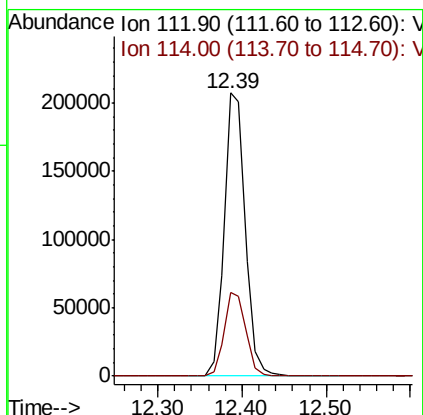
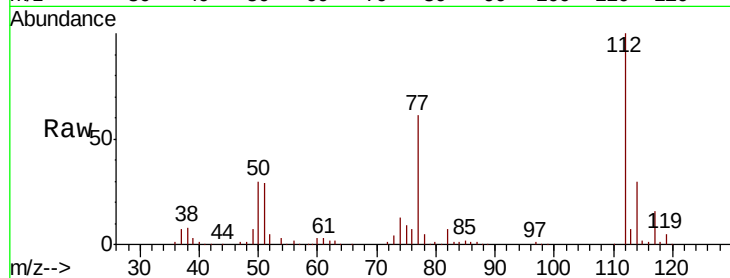




#65  
Chlorobenzene  
Concen: 19.074 ug/l  
RT: 12.39 min Scan# 1113  
Delta R.T. -0.01 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

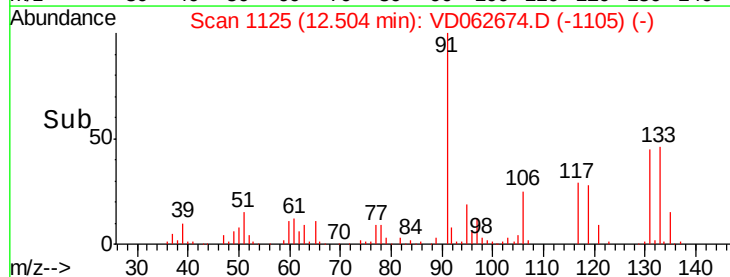
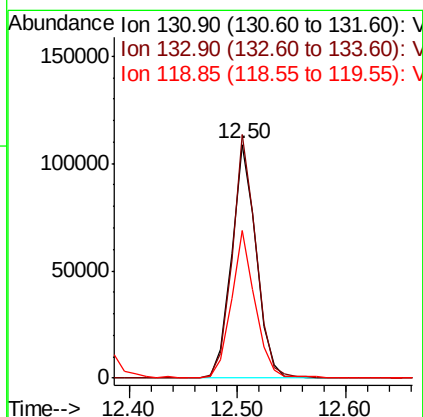
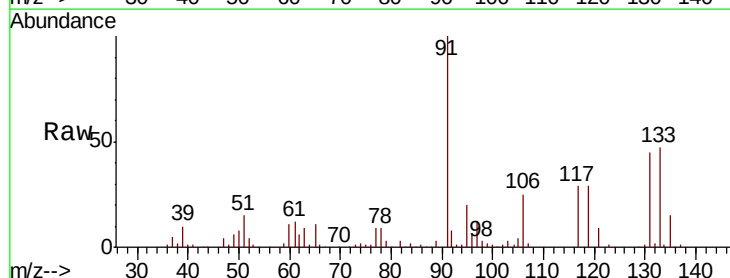
Instrument :  
MSVOA\_D  
ClientSampled :

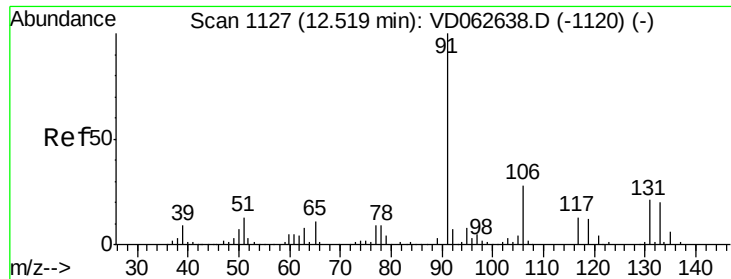
Tot Ion:112 Resp: 357743  
Ion Ratio Lower Upper  
112 100  
114 29.8 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.245 ug/l  
RT: 12.50 min Scan# 1125  
Delta R.T. -0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Tgt Ion:131 Resp: 172147  
Ion Ratio Lower Upper  
131 100  
133 104.2 46.8 140.3  
119 63.2 29.9 89.8

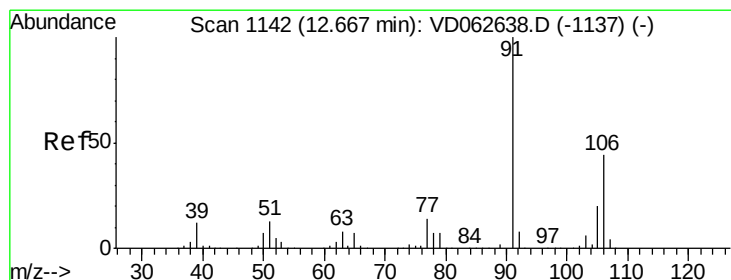
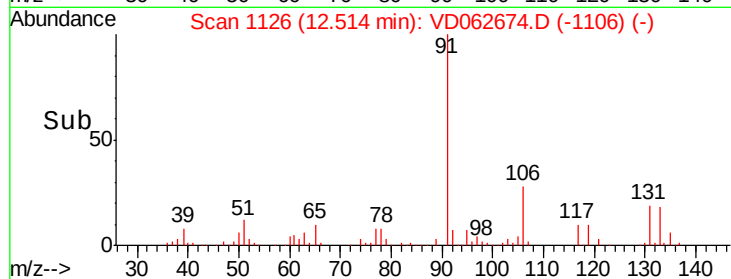
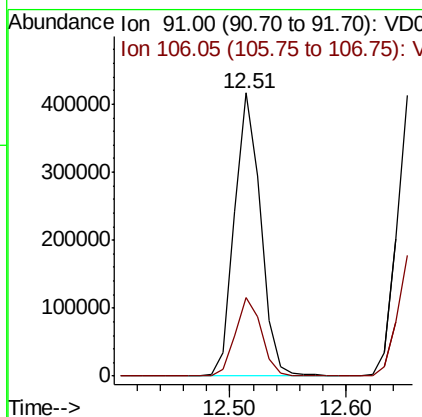
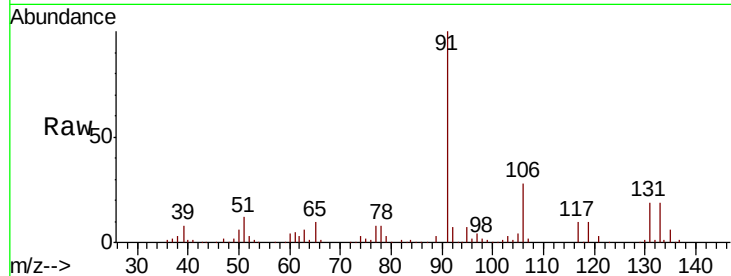




#67  
Ethyl Benzene  
Concen: 19.478 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

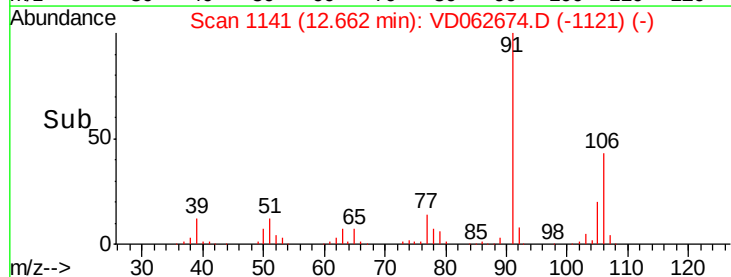
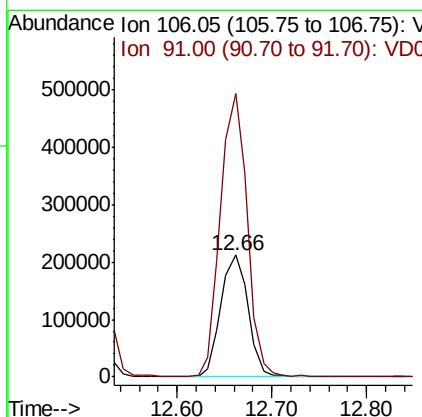
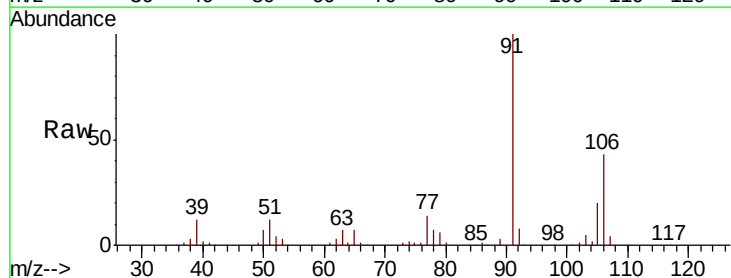
Instrument :  
MSVOA\_D  
ClientSampleId :

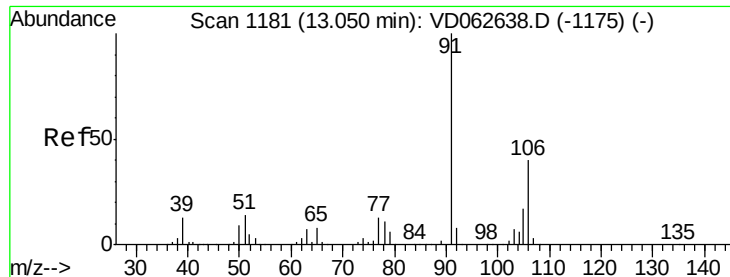
Tot Ion: 91 Resp: 647725  
Ion Ratio Lower Upper  
91 100  
106 27.8 22.1 33.1



#68  
m/p-Xylenes  
Concen: 36.444 ug/l  
RT: 12.66 min Scan# 1141  
Delta R.T. -0.01 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Tgt Ion: 106 Resp: 426052  
Ion Ratio Lower Upper  
106 100  
91 231.9 180.2 270.4

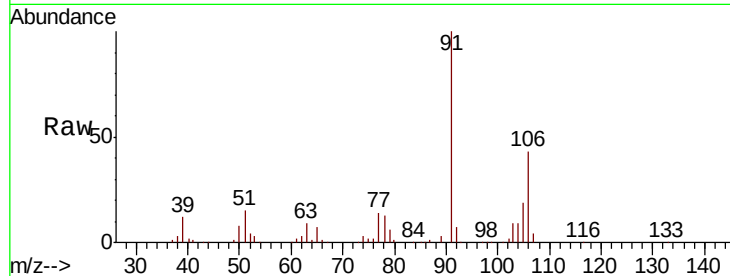




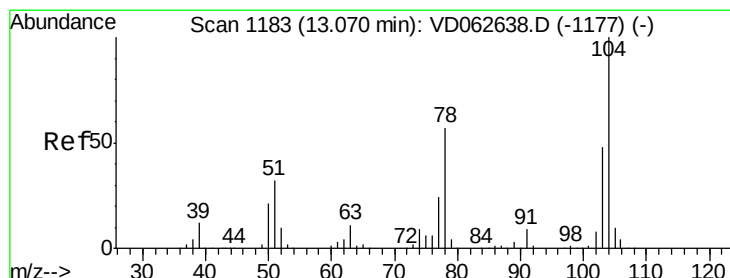
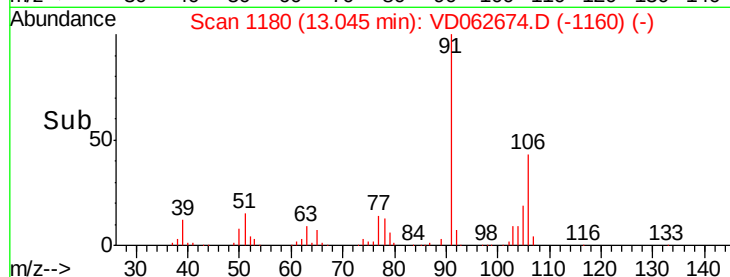
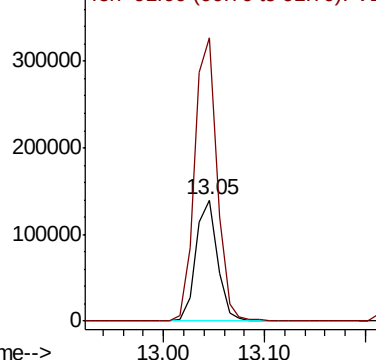
#69  
o-Xylene  
Concen: 19.488 ug/l  
RT: 13.05 min Scan# 1180  
Delta R.T. -0.01 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:106 Resp: 209235  
Ion Ratio Lower Upper  
106 100  
91 233.4 124.1 372.1

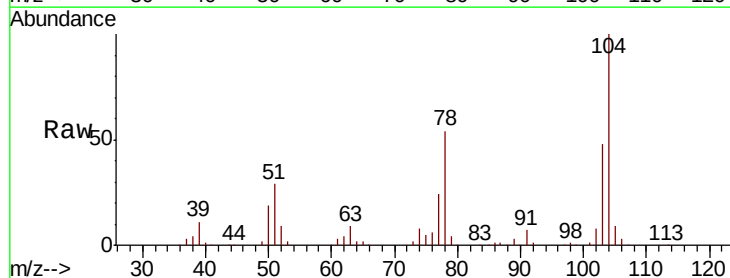


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

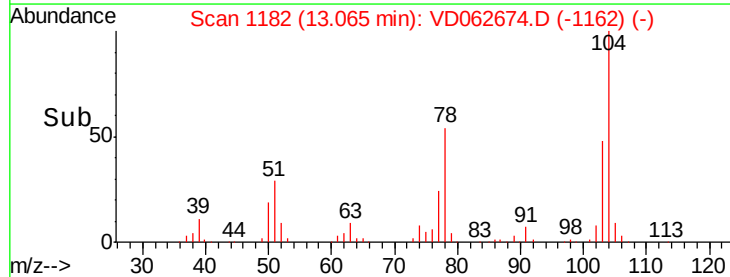
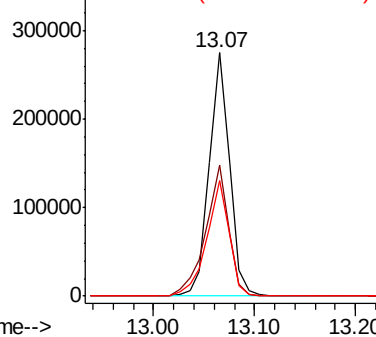


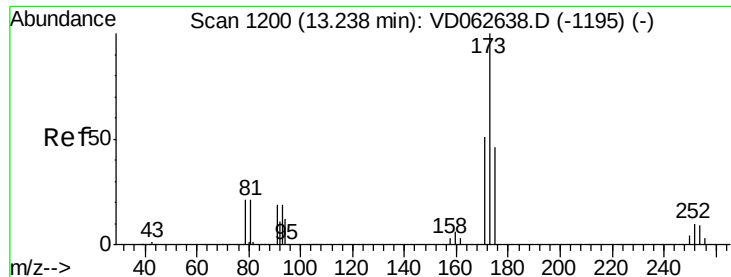
#70  
Styrene  
Concen: 20.083 ug/l  
RT: 13.07 min Scan# 1182  
Delta R.T. -0.01 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Tgt Ion:104 Resp: 384738  
Ion Ratio Lower Upper  
104 100  
78 53.7 45.9 68.9  
103 47.5 38.4 57.6



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





#71

Bromoform

Concen: 20.590 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

ClientSampleId :

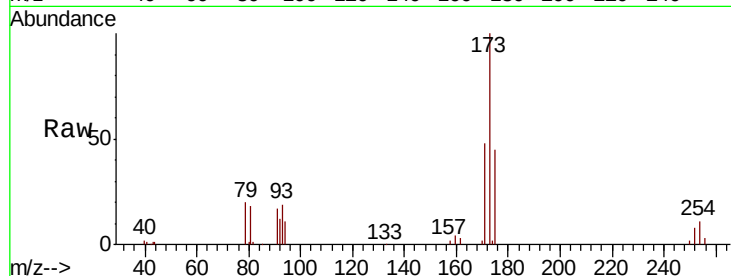
Tot Ion:173 Resp: 129178

Ion Ratio Lower Upper

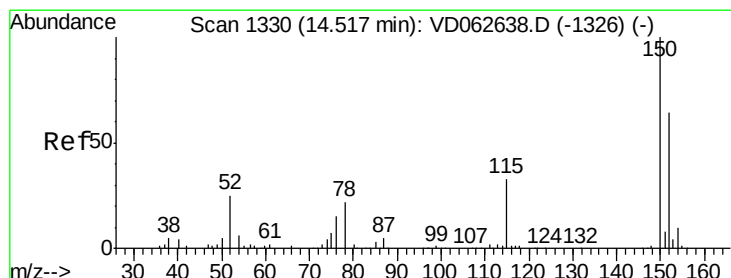
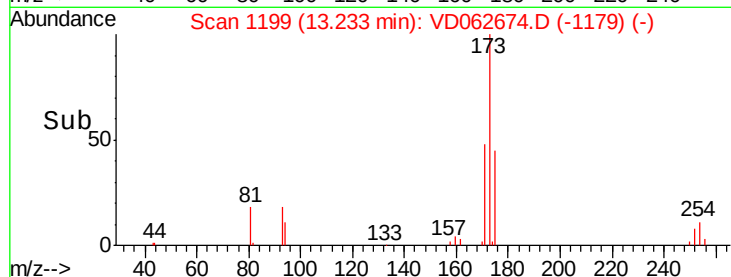
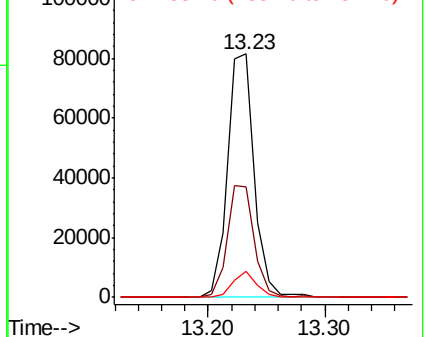
173 100

175 45.2 22.9 68.7

254 10.8 7.0 10.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

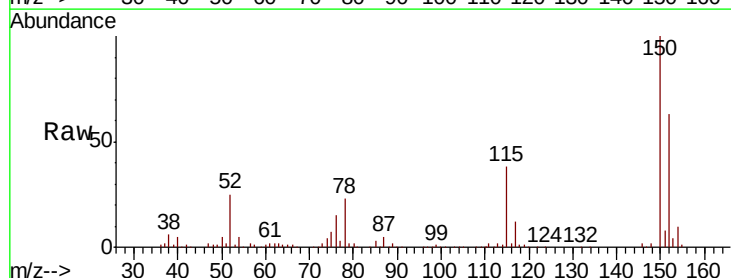
Tgt Ion:152 Resp: 477455

Ion Ratio Lower Upper

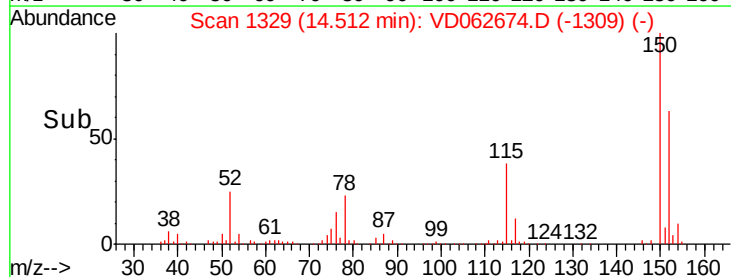
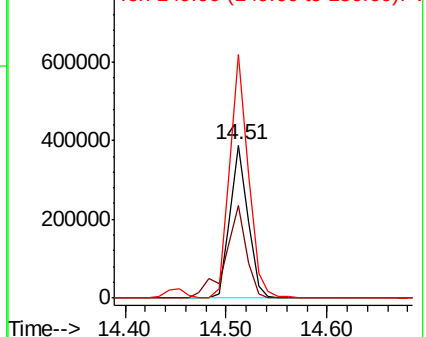
152 100

115 60.0 30.1 90.5

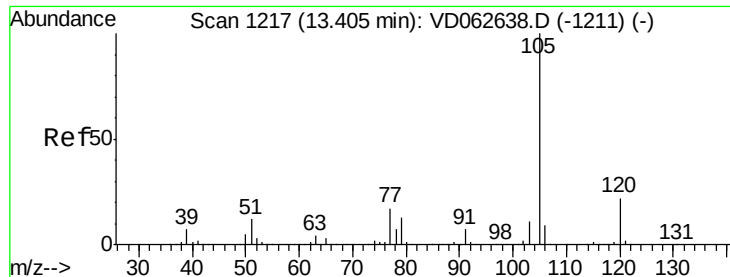
150 158.8 0.0 314.0



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







#73

Isopropylbenzene

Concen: 17.636 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

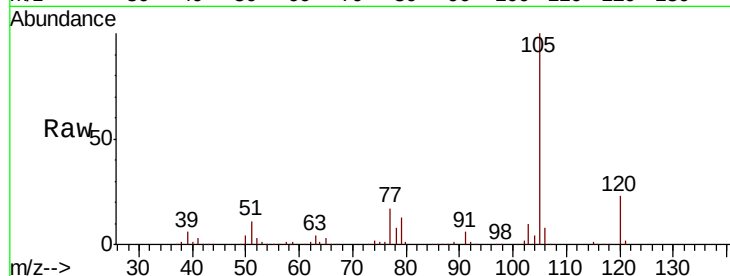
ClientSampleId :

Tot Ion:105 Resp: 593493

Ion Ratio Lower Upper

105 100

120 22.8 10.9 32.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.40

400000

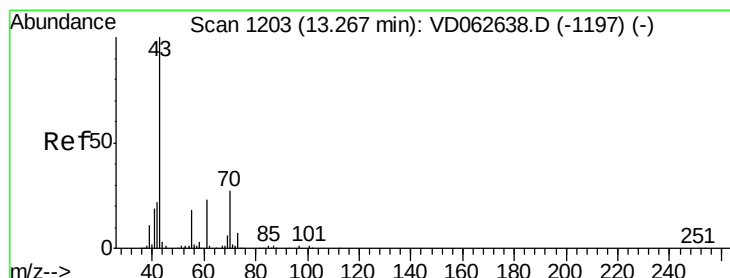
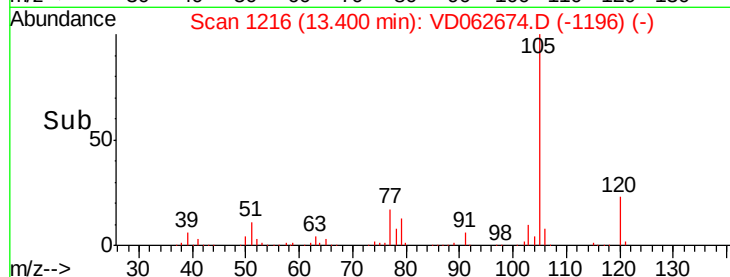
300000

200000

100000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 18.712 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Tgt Ion: 43 Resp: 170183

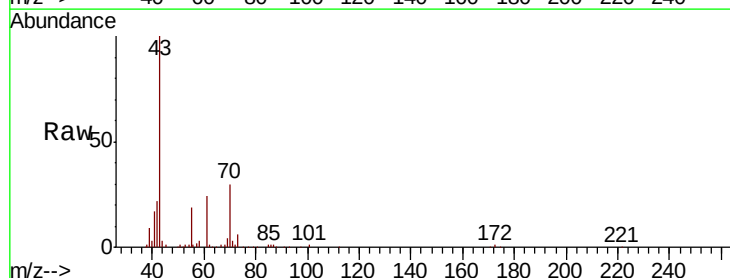
Ion Ratio Lower Upper

43 100

70 29.8 21.8 32.8

55 19.0 14.6 21.8

61 24.2 18.4 27.6



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

200000

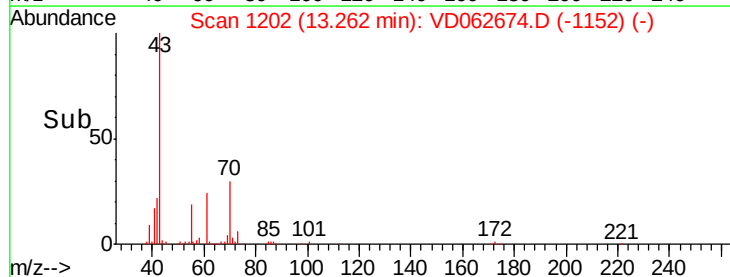
150000

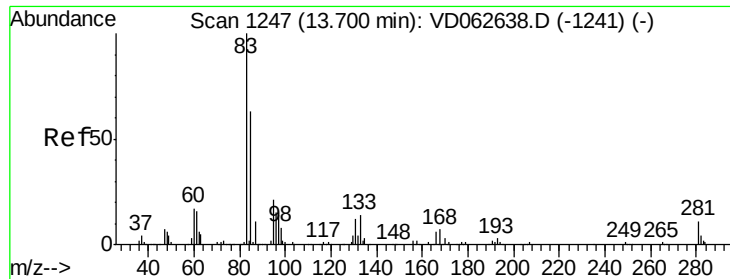
100000

50000

0

Time--> 13.20 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 18.980 ug/l

RT: 13.70 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

ClientSampled :

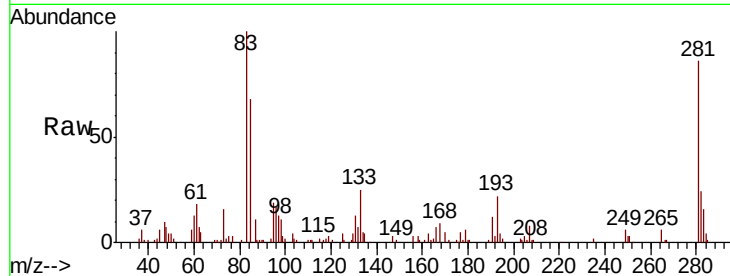
Tot Ion: 83 Resp: 109294

Ion Ratio Lower Upper

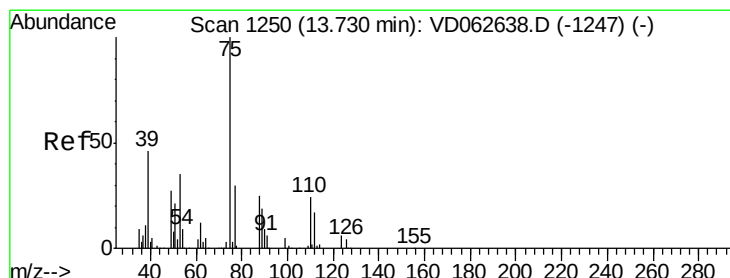
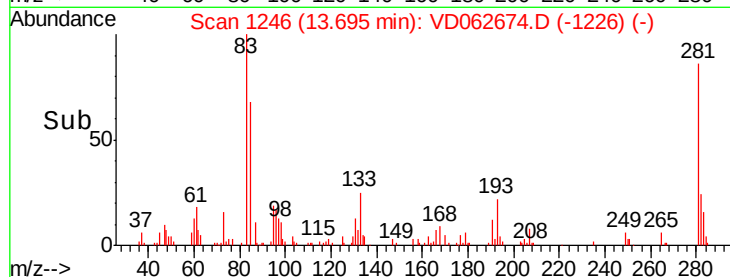
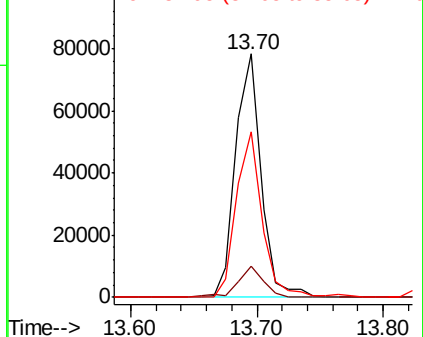
83 100

131 12.7 5.9 17.7

85 68.1 31.3 93.9



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



#76

1,2,3-Trichloropropane

Concen: 19.111 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VD062674.D

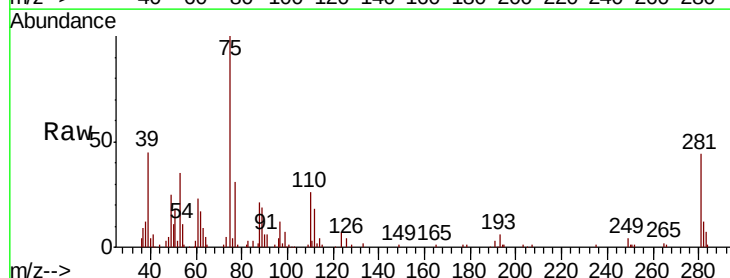
Acq: 12 Jun 2019 15:14

Tgt Ion: 75 Resp: 123722

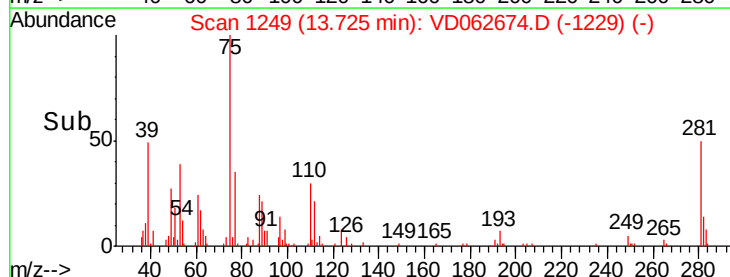
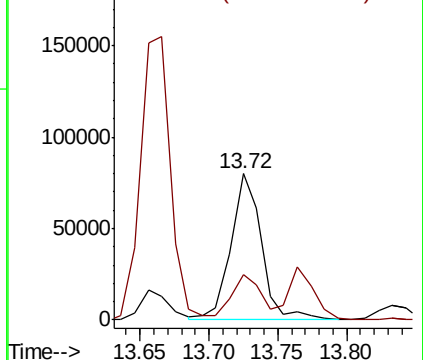
Ion Ratio Lower Upper

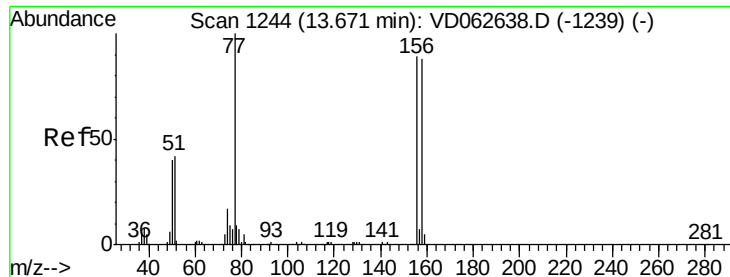
75 100

77 30.6 16.2 48.6



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





#77

Bromobenzene

Concen: 19.348 ug/l

RT: 13.67 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

ClientSampleId :

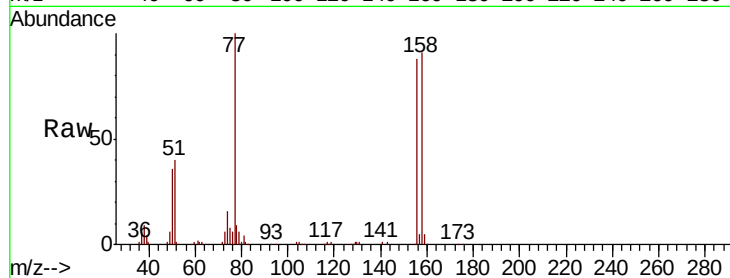
Tot Ion:156 Resp: 186101

Ion Ratio Lower Upper

156 100

77 113.4 56.3 168.8

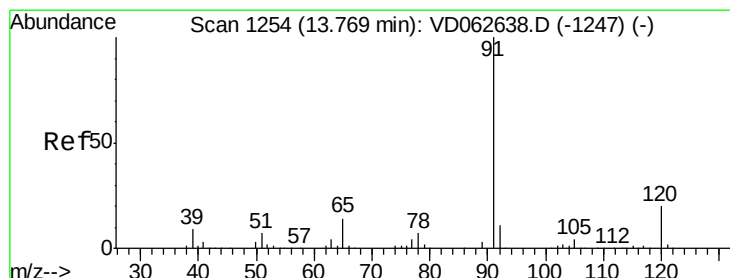
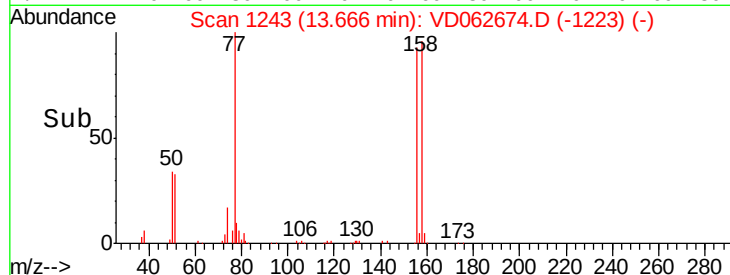
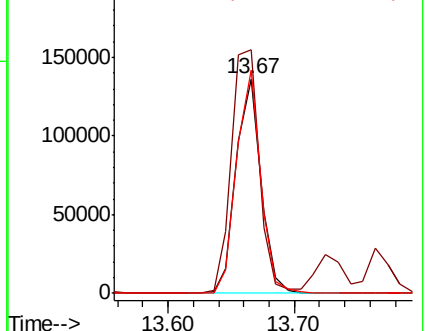
158 103.8 49.6 148.8



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 19.369 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. -0.01 min

Lab File: VD062674.D

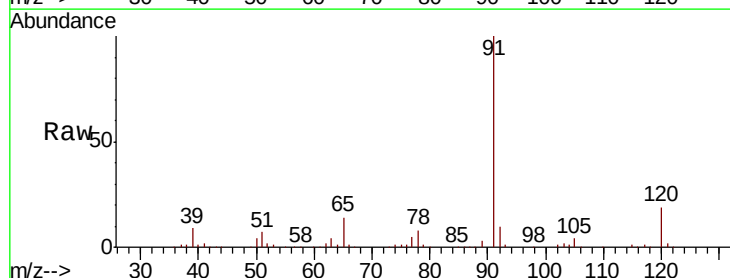
Acq: 12 Jun 2019 15:14

Tgt Ion: 91 Resp: 797885

Ion Ratio Lower Upper

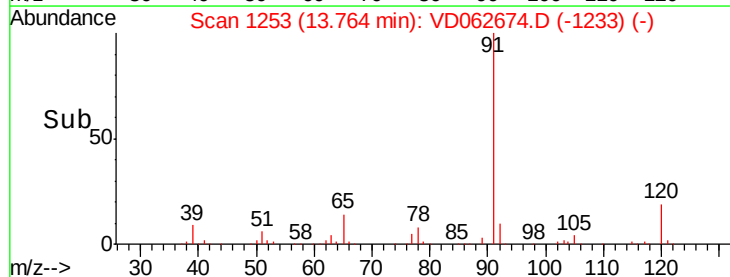
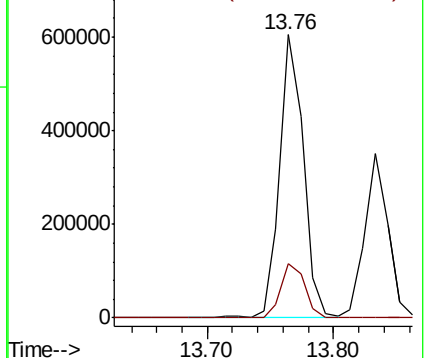
91 100

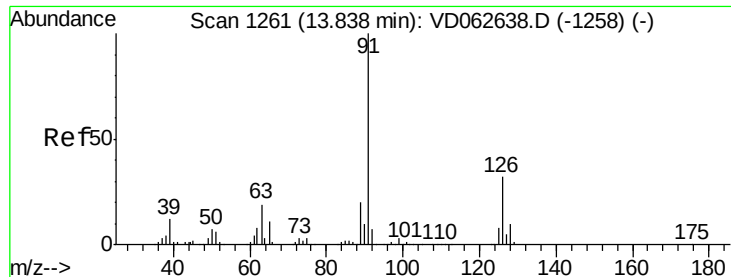
120 19.4 9.8 29.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

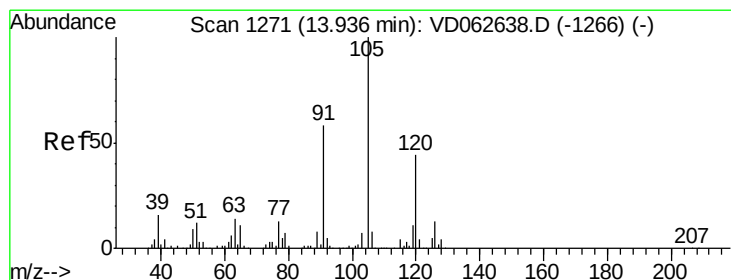
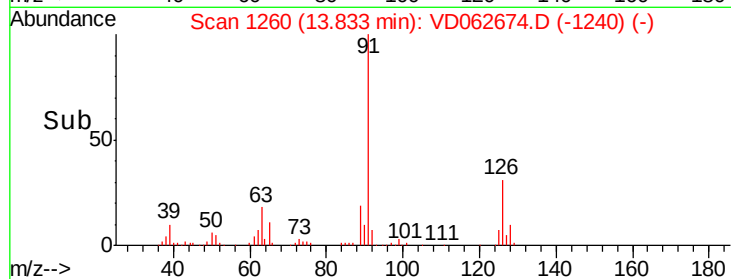
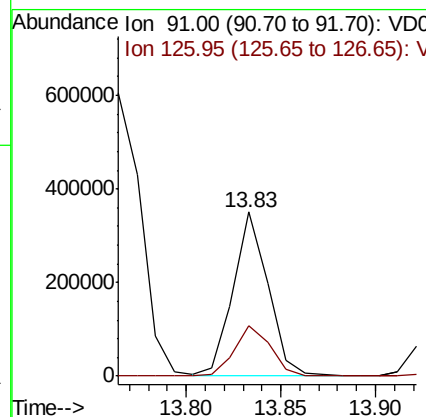
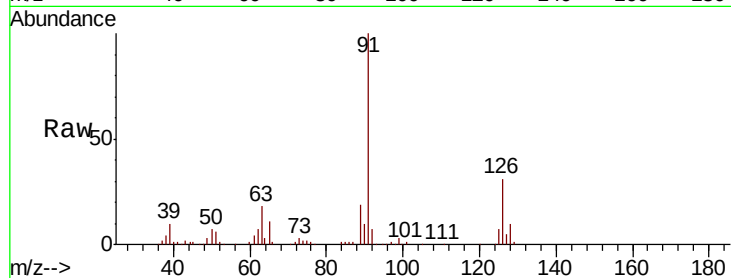




#79  
 2-Chlorotoluene  
 Concen: 18.477 ug/l  
 RT: 13.83 min Scan# 1260  
 Delta R.T. -0.00 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

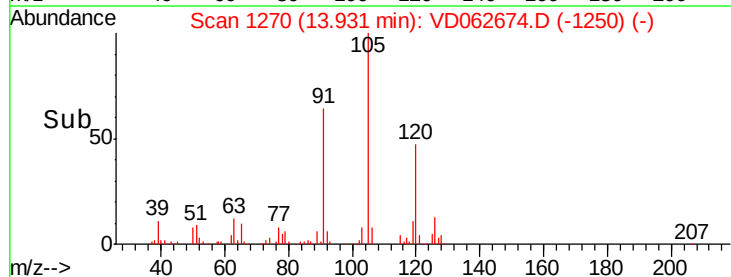
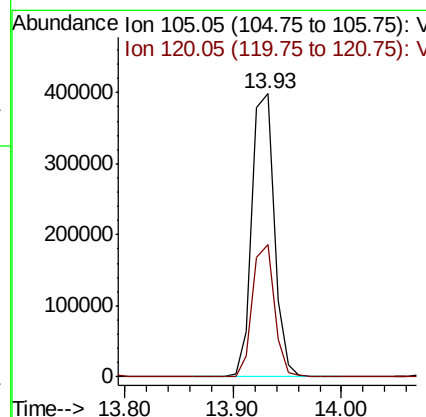
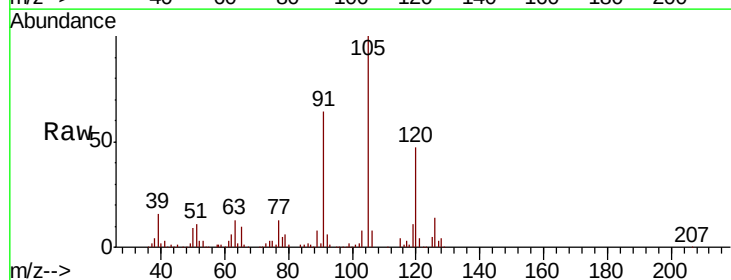
Instrument :  
 MSVOA\_D  
 ClientSampleId :

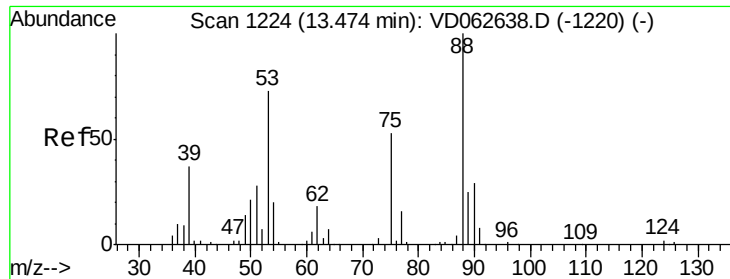
Tot Ion: 91 Resp: 445651  
 Ion Ratio Lower Upper  
 91 100  
 126 30.5 15.8 47.4



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.367 ug/l  
 RT: 13.93 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

Tgt Ion: 105 Resp: 576023  
 Ion Ratio Lower Upper  
 105 100  
 120 46.8 22.1 66.5





#81

trans-1,4-Dichloro-2-butene

Concen: 19.326 ug/l

RT: 13.47 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

ClientSampled :

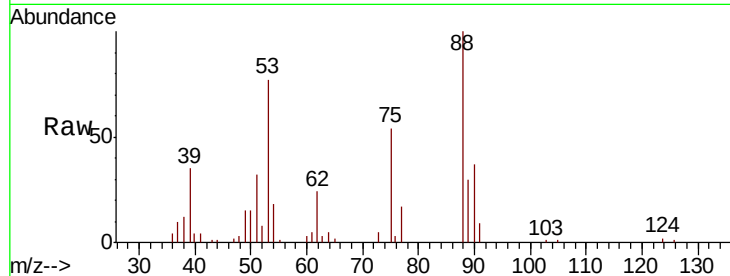
Tot Ion: 75 Resp: 32129

Ion Ratio Lower Upper

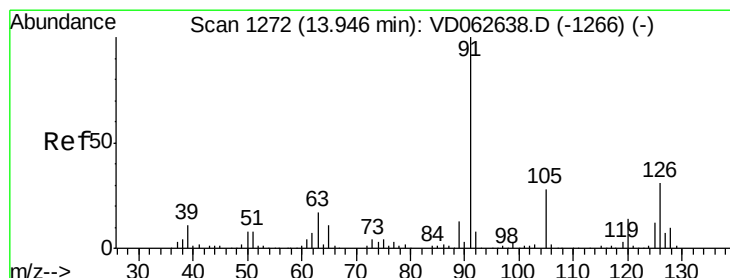
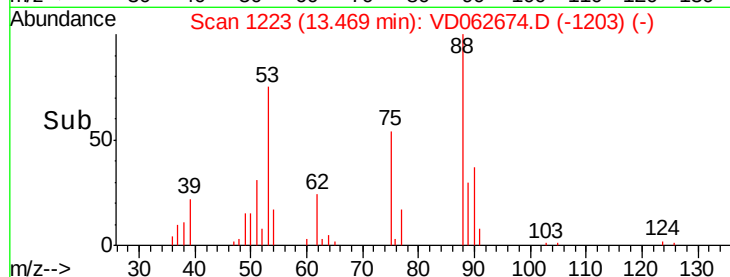
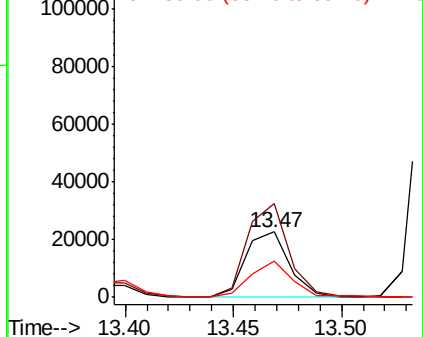
75 100

53 143.4 109.4 164.2

89 56.1 37.0 55.6#



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



#82

4-Chlorotoluene

Concen: 19.774 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VD062674.D

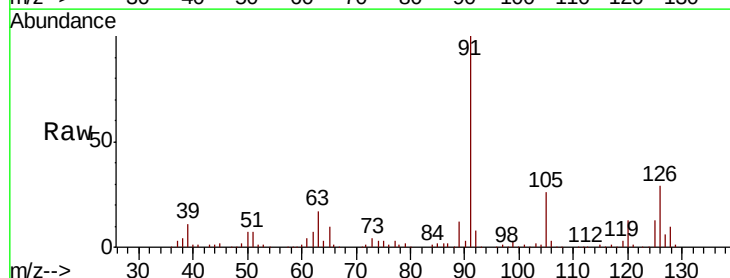
Acq: 12 Jun 2019 15:14

Tgt Ion: 91 Resp: 570365

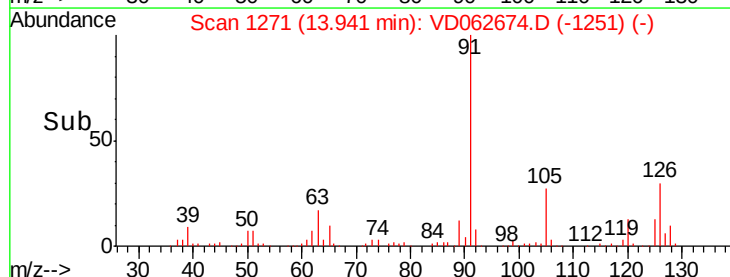
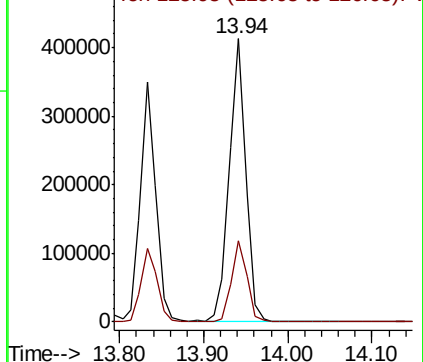
Ion Ratio Lower Upper

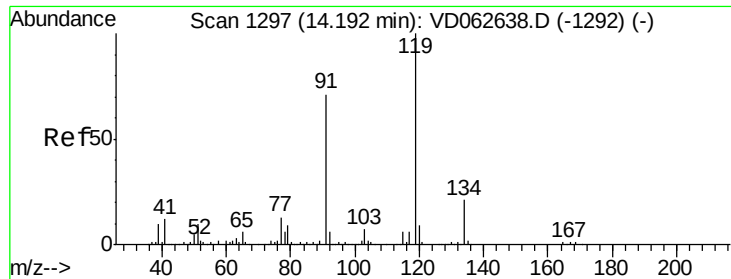
91 100

126 28.9 15.6 46.8



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

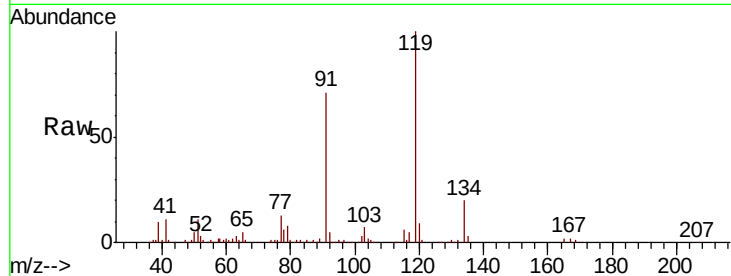




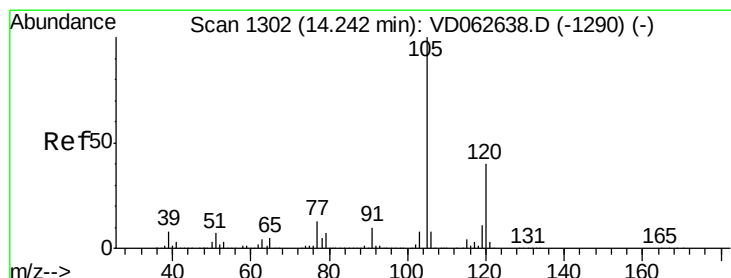
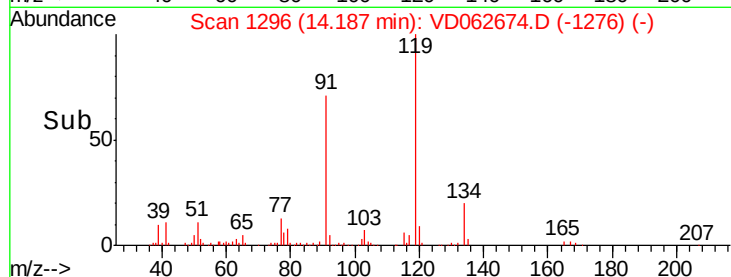
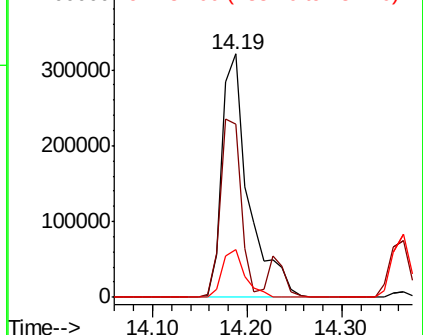
#83  
 tert-Butylbenzene  
 Concen: 19.056 ug/l  
 RT: 14.19 min Scan# 1296  
 Delta R.T. -0.00 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:119 Resp: 625128  
 Ion Ratio Lower Upper  
 119 100  
 91 71.0 35.4 106.1  
 134 19.7 10.8 32.3

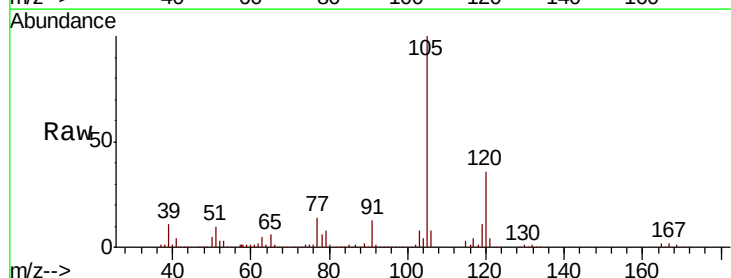


Abundance Ion 119.05 (118.75 to 119.75): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

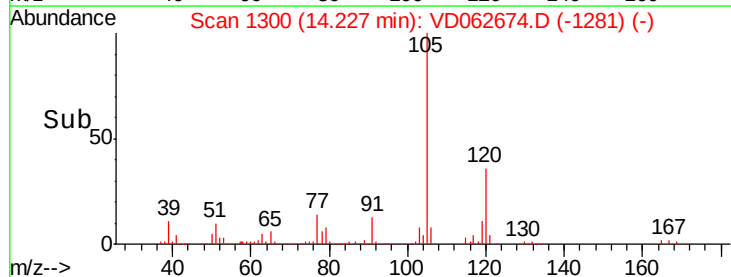
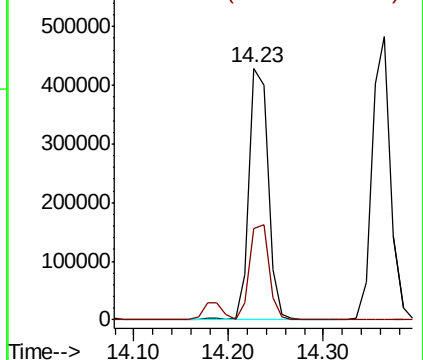


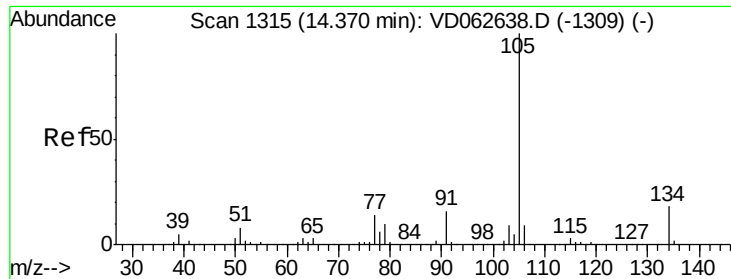
#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.393 ug/l  
 RT: 14.23 min Scan# 1300  
 Delta R.T. -0.01 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

Tgt Ion:105 Resp: 600538  
 Ion Ratio Lower Upper  
 105 100  
 120 36.2 20.3 60.8



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





#85

sec-Butylbenzene

Concen: 19.252 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

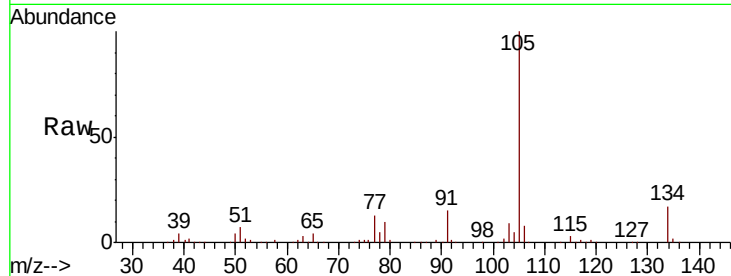
ClientSampleId :

Tot Ion:105 Resp: 662248

Ion Ratio Lower Upper

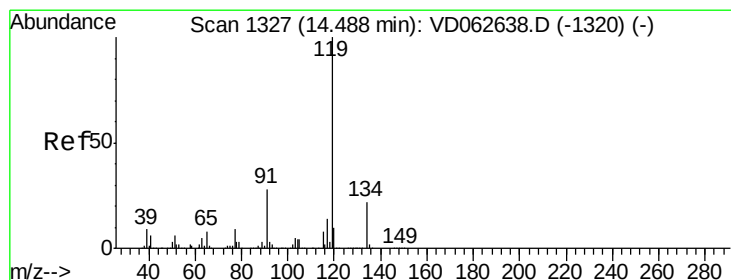
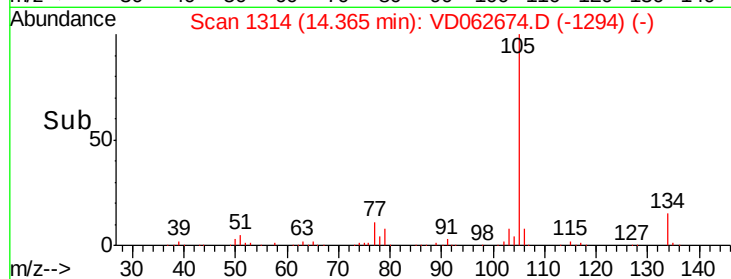
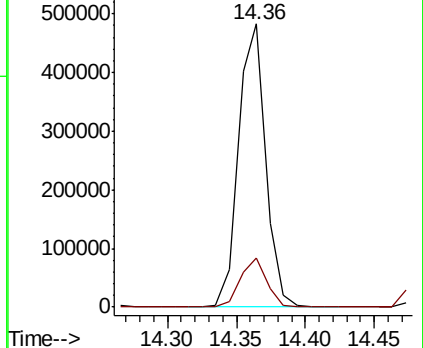
105 100

134 17.3 8.8 26.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 19.800 ug/l

RT: 14.48 min Scan# 1326

Delta R.T. -0.01 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

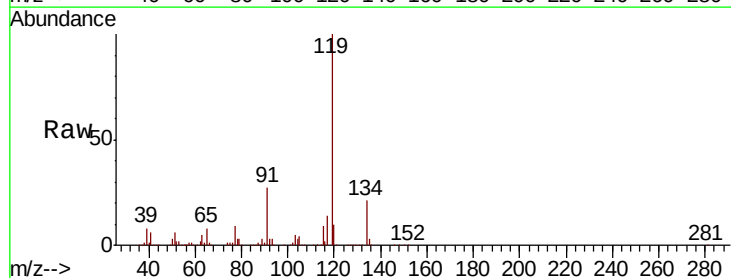
Tgt Ion:119 Resp: 663130

Ion Ratio Lower Upper

119 100

134 20.6 10.9 32.6

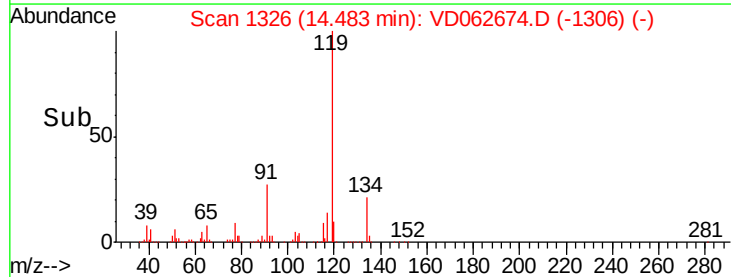
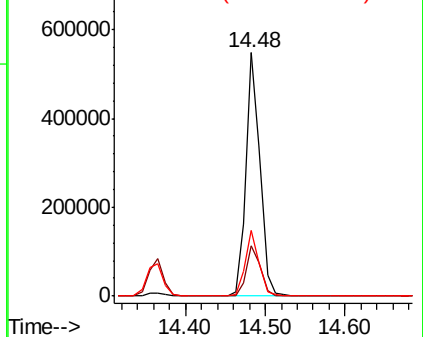
91 27.0 13.9 41.6

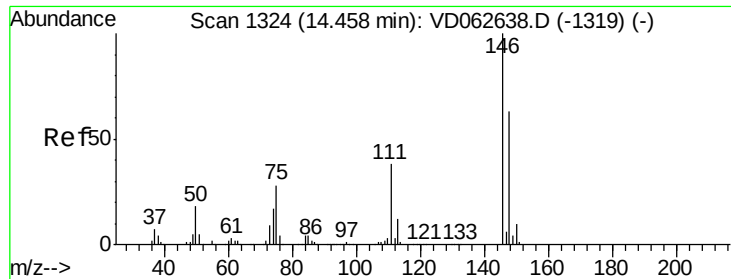


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

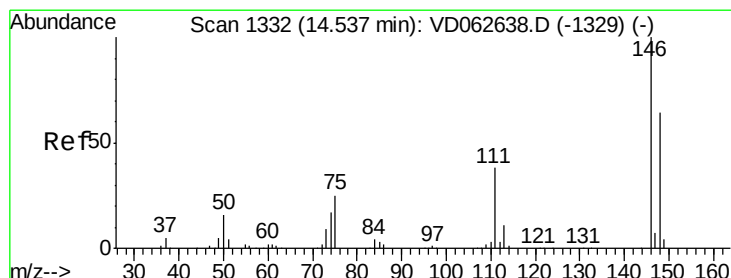
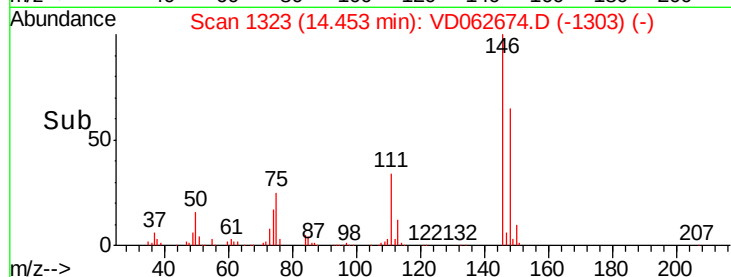
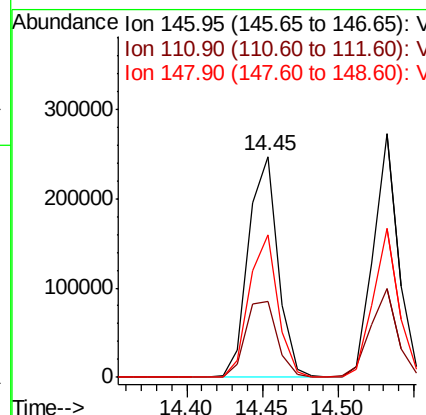
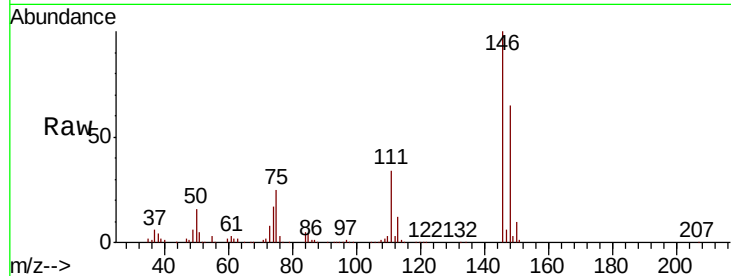




#87  
 1,3-Dichlorobenzene  
 Concen: 19.184 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. -0.01 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

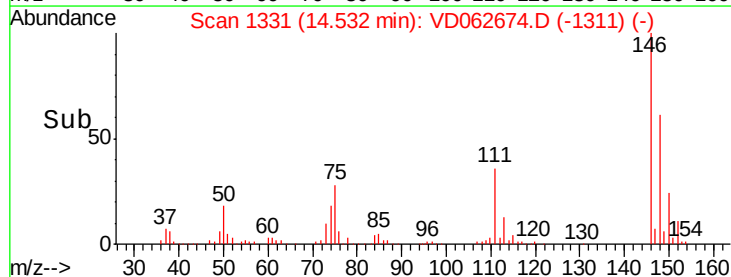
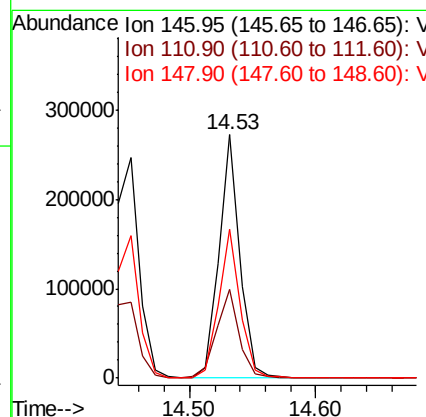
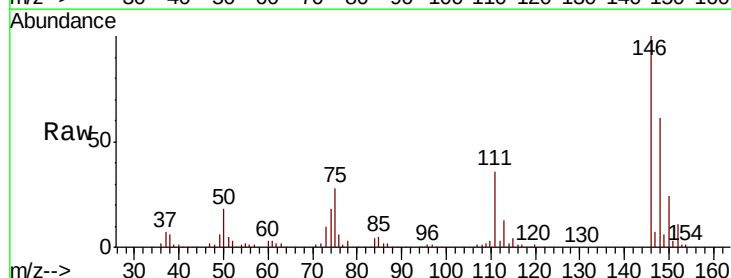
Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 34.4  | 19.2  | 57.6  |
| 148     | 64.6  | 31.6  | 95.0  |

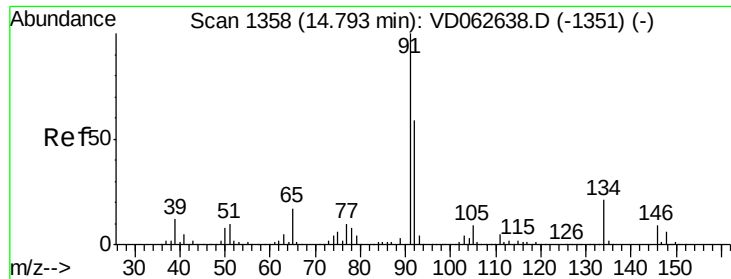


#88  
 1,4-Dichlorobenzene  
 Concen: 19.194 ug/l  
 RT: 14.53 min Scan# 1331  
 Delta R.T. -0.00 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.3  | 18.9  | 56.7  |
| 148     | 61.0  | 32.3  | 96.8  |







#89

n-Butylbenzene

Concen: 19.107 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VD062674.D

Acq: 12 Jun 2019 15:14

Instrument :

MSVOA\_D

ClientSampleId :

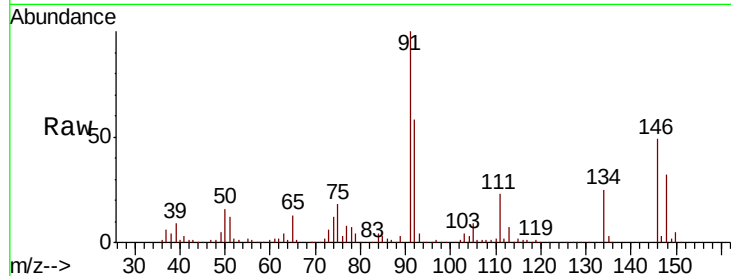
Tot Ion: 91 Resp: 575683

Ion Ratio Lower Upper

91 100

92 57.9 29.4 88.3

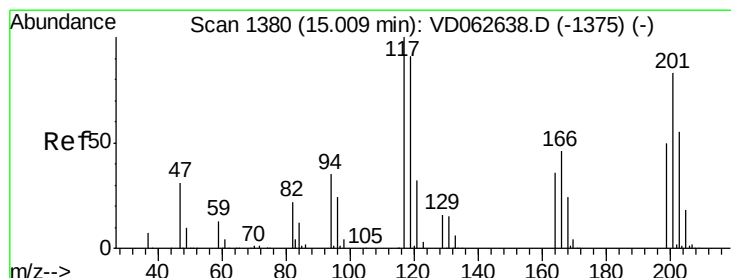
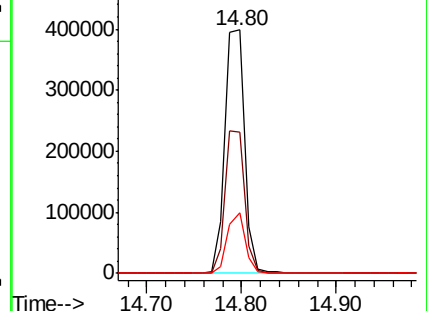
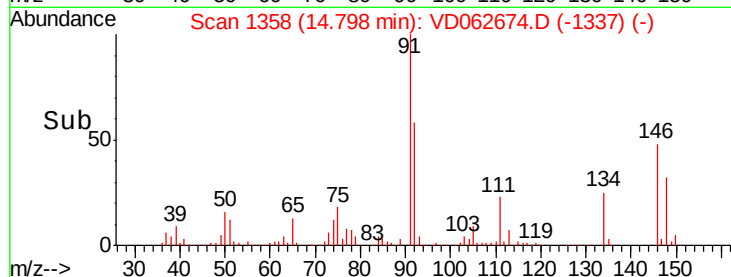
134 25.0 10.4 31.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 18.419 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.00 min

Lab File: VD062674.D

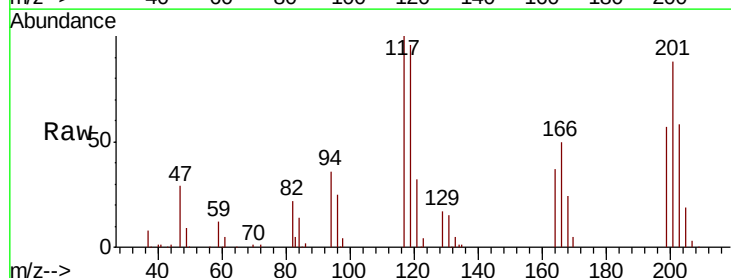
Acq: 12 Jun 2019 15:14

Tgt Ion: 117 Resp: 162857

Ion Ratio Lower Upper

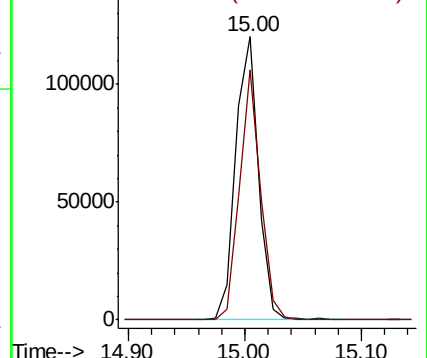
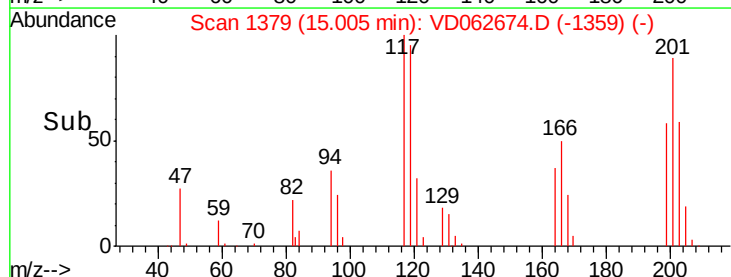
117 100

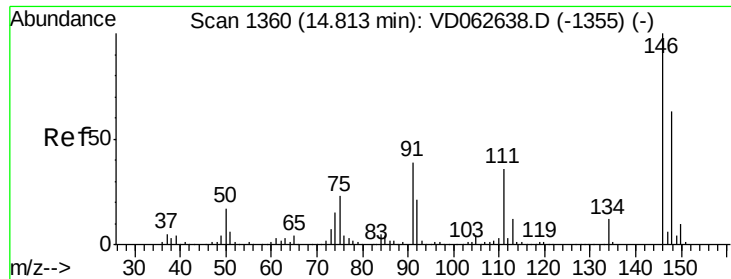
201 88.1 41.5 124.6



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

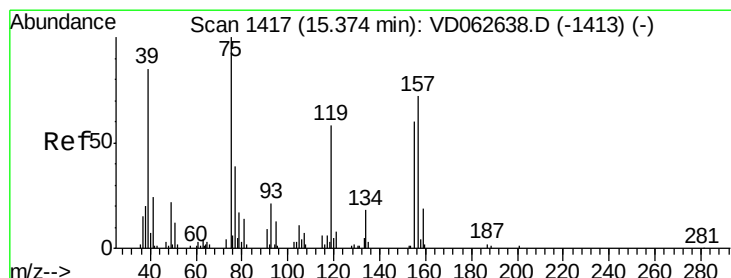
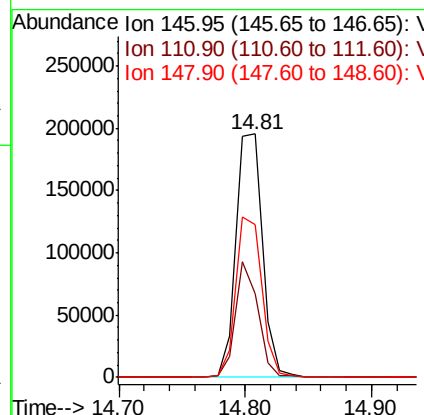
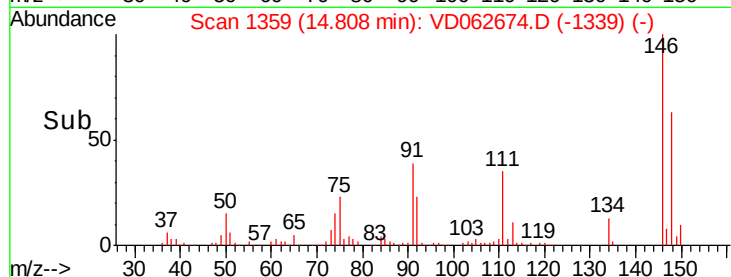
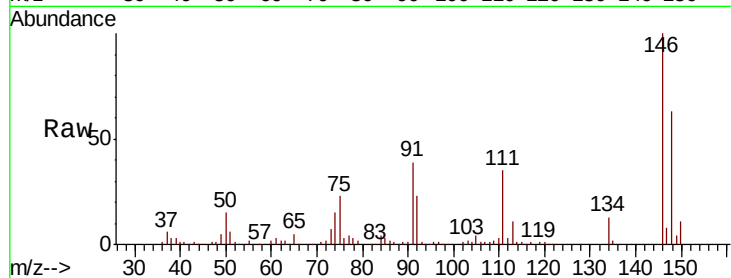




#91  
 1,2-Dichlorobenzene  
 Concen: 19.478 ug/l  
 RT: 14.81 min Scan# 1359  
 Delta R.T. -0.01 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

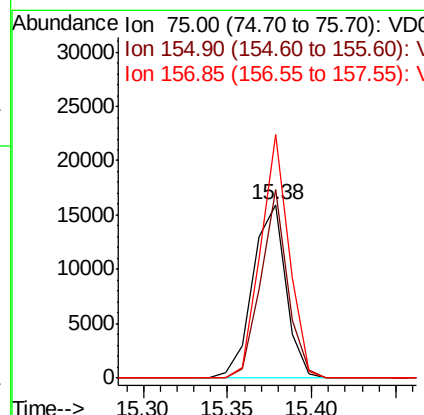
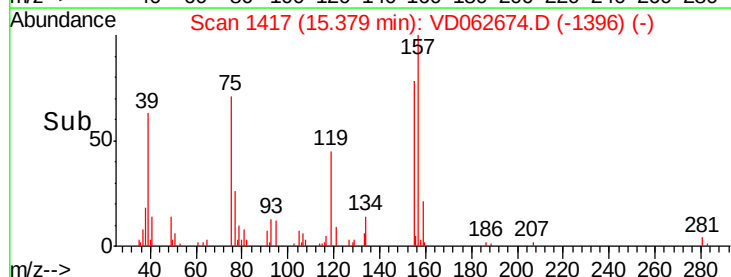
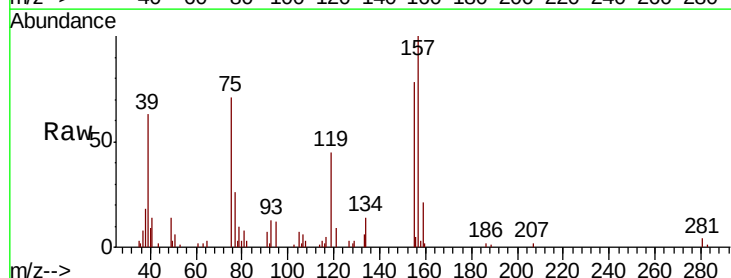
Instrument :  
 MSVOA\_D  
 ClientSampled :

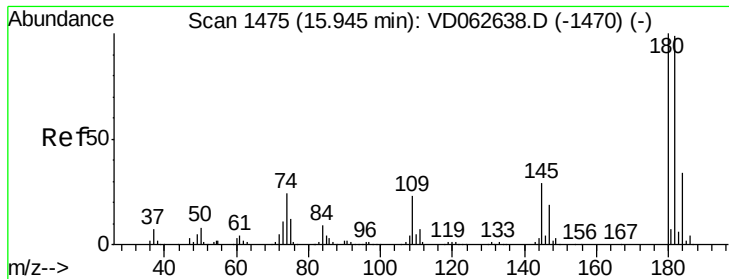
Tot Ion:146 Resp: 282138  
 Ion Ratio Lower Upper  
 146 100  
 111 34.6 18.1 54.3  
 148 62.6 31.4 94.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.719 ug/l  
 RT: 15.38 min Scan# 1417  
 Delta R.T. 0.00 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

Tgt Ion: 75 Resp: 21794  
 Ion Ratio Lower Upper  
 75 100  
 155 108.9 30.1 90.5#  
 157 140.3 35.9 107.8#

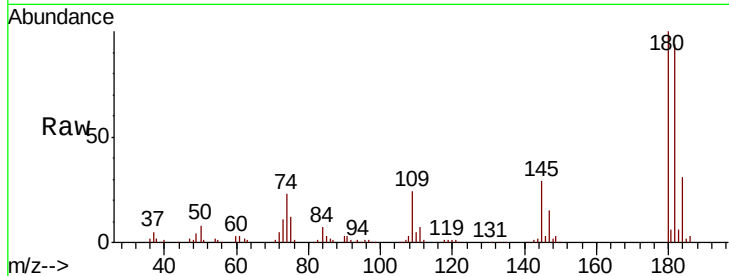




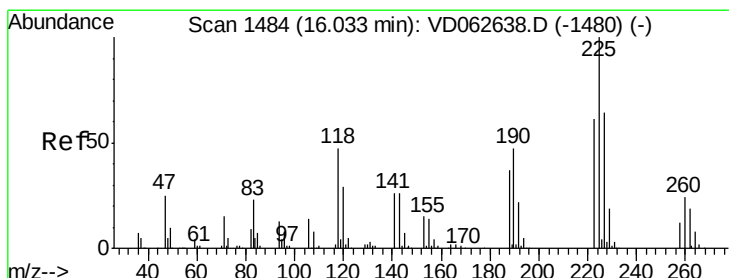
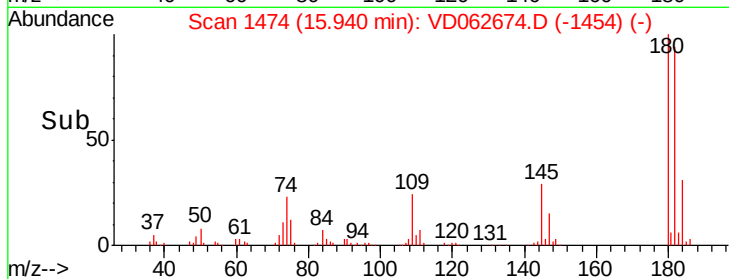
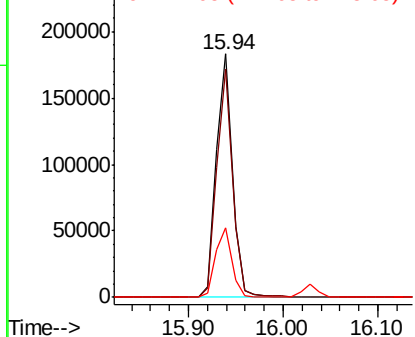
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.980 ug/l  
 RT: 15.94 min Scan# 1474  
 Delta R.T. -0.00 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:180 Resp: 217162  
 Ion Ratio Lower Upper  
 180 100  
 182 93.5 49.4 148.2  
 145 28.6 14.5 43.6

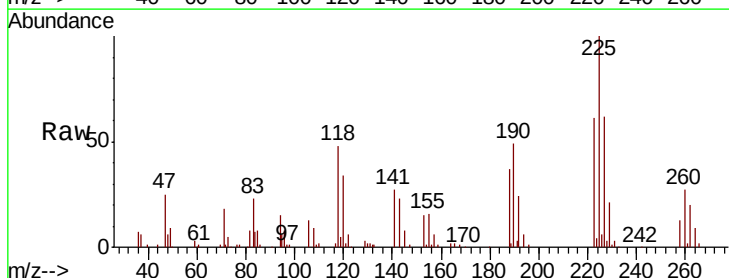


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

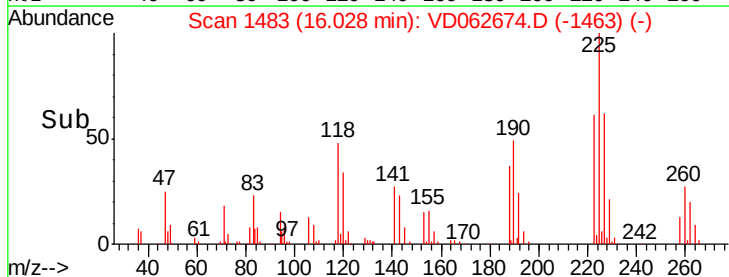
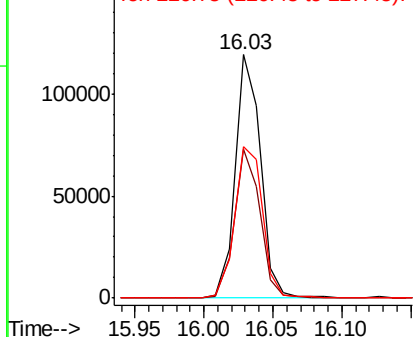


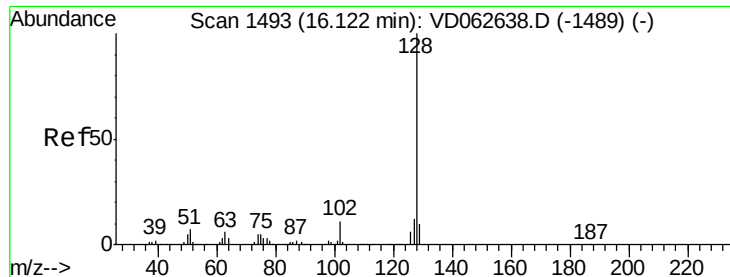
#94  
 Hexachlorobutadiene  
 Concen: 17.902 ug/l  
 RT: 16.03 min Scan# 1483  
 Delta R.T. -0.01 min  
 Lab File: VD062674.D  
 Acq: 12 Jun 2019 15:14

Tgt Ion:225 Resp: 153096  
 Ion Ratio Lower Upper  
 225 100  
 223 61.3 30.3 91.0  
 227 62.2 31.8 95.4



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

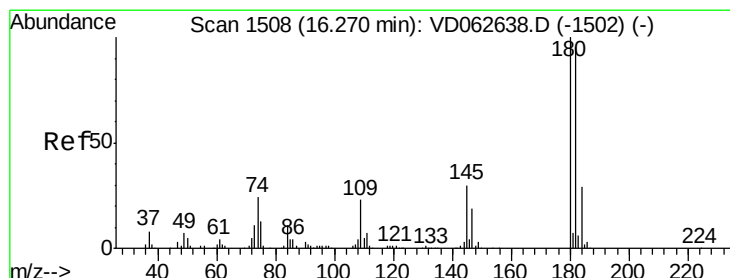
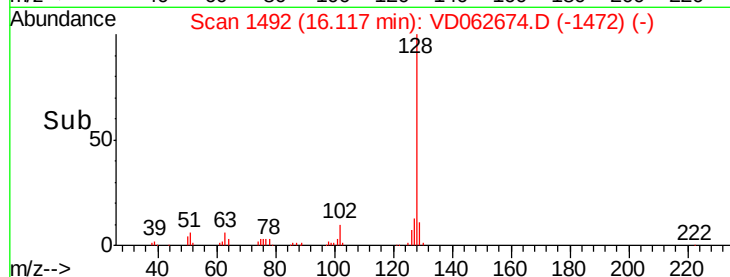
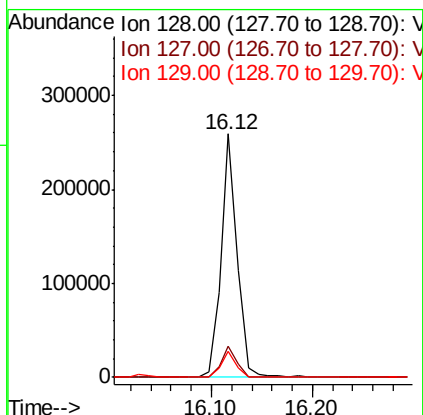
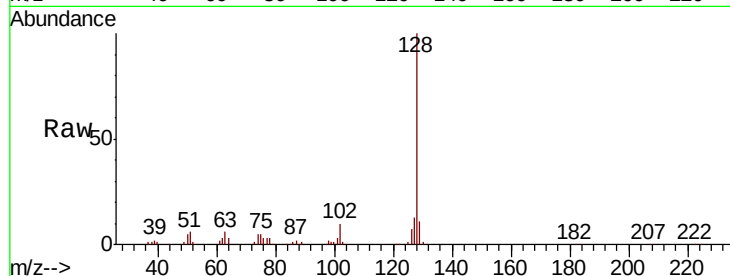




#95  
Naphthalene  
Concen: 19.028 ug/l  
RT: 16.12 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:128 Resp: 289894  
Ion Ratio Lower Upper  
128 100  
127 12.8 9.7 14.5  
129 10.7 8.1 12.1



#96  
1,2,3-Trichlorobenzene  
Concen: 19.841 ug/l  
RT: 16.26 min Scan# 1507  
Delta R.T. -0.01 min  
Lab File: VD062674.D  
Acq: 12 Jun 2019 15:14

Tgt Ion:180 Resp: 165536  
Ion Ratio Lower Upper  
180 100  
182 94.2 47.7 143.1  
145 27.0 15.0 45.0

