

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\  
 Data File : VD061695.D  
 Acq On : 10 Apr 2019 2:03  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 10 05:06:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D040619S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 08 10:04:03 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.08  | 168  | 612880   | 50.00 | ug/l  | 0.04     |
| 34) 1,4-Difluorobenzene    | 8.25  | 114  | 1023777  | 50.00 | ug/l  | 0.04     |
| 63) Chlorobenzene-d5       | 12.38 | 117  | 818065   | 50.00 | ug/l  | 0.02     |
| 72) 1,4-Dichlorobenzene-d4 | 14.53 | 152  | 370797   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.48  | 65   | 234286   | 50.43 | ug/l    | 0.03     |
| Spiked Amount               |       |      | Recovery | =     | 100.86% |          |
| 35) Dibromofluoromethane    | 6.95  | 113  | 343461   | 48.43 | ug/l    | 0.03     |
| Spiked Amount               |       |      | Recovery | =     | 96.86%  |          |
| 50) Toluene-d8              | 10.43 | 98   | 725596   | 40.72 | ug/l    | 0.03     |
| Spiked Amount               |       |      | Recovery | =     | 81.44%  |          |
| 62) 4-Bromofluorobenzene    | 13.56 | 95   | 303462   | 48.05 | ug/l    | 0.01     |
| Spiked Amount               |       |      | Recovery | =     | 96.10%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85   | 278822   | 42.169  | ug/l   | 100    |
| 3) Chloromethane              | 1.76 | 50   | 222035   | 41.555  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.86 | 62   | 206711   | 41.402  | ug/l   | 99     |
| 5) Bromomethane               | 2.17 | 94   | 50134    | 43.383  | ug/l   | 99     |
| 6) Chloroethane               | 2.28 | 64   | 82294    | 52.624  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 2.55 | 101  | 312117   | 41.403  | ug/l   | 94     |
| 8) Diethyl Ether              | 2.89 | 74   | 115747   | 54.710  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.17 | 101  | 315737   | 42.601  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.33 | 142  | 513288   | 46.702  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.08 | 59   | 82299    | 264.336 | ug/l # | 93     |
| 12) 1,1-Dichloroethene        | 3.15 | 96   | 274274   | 42.928  | ug/l   | 99     |
| 13) Acrolein                  | 3.05 | 56   | 100398   | 264.488 | ug/l   | 94     |
| 14) Allyl chloride            | 3.65 | 41   | 405877   | 46.576  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.22 | 53   | 269522   | 251.480 | ug/l   | 96     |
| 16) Acetone                   | 3.24 | 43   | 283846   | 204.393 | ug/l   | 99     |
| 17) Carbon Disulfide          | 3.41 | 76   | 830950   | 40.026  | ug/l   | 100    |
| 18) Methyl Acetate            | 3.66 | 43   | 139556   | 53.412  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 4.26 | 73   | 570969   | 51.611  | ug/l   | 99     |
| 20) Methylene Chloride        | 3.84 | 84   | 349637   | 44.368  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 4.24 | 96   | 319208   | 46.000  | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.14 | 45   | 942085   | 51.563  | ug/l # | 86     |
| 23) Vinyl Acetate             | 5.09 | 43   | 2578342  | 255.755 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.02 | 63   | 507035   | 45.287  | ug/l   | 99     |
| 25) 2-Butanone                | 6.09 | 43   | 390557   | 243.951 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.05 | 77   | 401917   | 44.087  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.06 | 96   | 370305   | 50.021  | ug/l   | 99     |
| 28) Bromochloromethane        | 6.47 | 49   | 246176   | 59.606  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 6.49 | 42   | 206344   | 266.994 | ug/l   | 98     |
| 30) Chloroform                | 6.69 | 83   | 553176   | 47.164  | ug/l   | 97     |
| 31) Cyclohexane               | 6.99 | 56   | 370882   | 42.403  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 6.90 | 97   | 500889   | 48.733  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 7.18 | 75   | 386804   | 43.170  | ug/l   | 100    |
| 37) Ethyl Acetate             | 6.21 | 43   | 186831   | 51.194  | ug/l # | 97     |
| 38) Carbon Tetrachloride      | 7.15 | 117  | 534261   | 50.877  | ug/l   | 98     |

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 Quant Title : SW846 8260  
 QLast Update : Mon Apr 08 10:04:03 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 8.89  | 83   | 391007   | 42.506   | ug/l   | 97       |
| 40) Benzene                    | 7.48  | 78   | 1064639  | 49.253   | ug/l   | 98       |
| 41) Methacrylonitrile          | 6.48  | 41   | 234665   | 55.082   | ug/l # | 92       |
| 42) 1,2-Dichloroethane         | 7.61  | 62   | 359802   | 52.928   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 9.26  | 43   | 276221   | 52.151   | ug/l   | 99       |
| 44) Trichloroethene            | 8.56  | 130  | 367002   | 44.288   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 8.97  | 63   | 252543   | 47.111   | ug/l   | 99       |
| 46) Dibromomethane             | 9.09  | 93   | 197346   | 51.510   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 452202   | 53.742   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.14  | 41   | 159959   | 52.393   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.10  | 88   | 34508    | 1023.986 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone       | 10.33 | 43   | 841465   | 268.639  | ug/l   | 98       |
| 52) Toluene                    | 10.53 | 92   | 663285   | 49.140   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.94 | 75   | 377602   | 51.195   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.06 | 75   | 470856   | 51.786   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 11.21 | 97   | 229209   | 50.349   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 11.06 | 69   | 248616   | 51.768   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 11.43 | 76   | 348928   | 52.338   | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 9.88  | 63   | 625945   | 276.231  | ug/l   | 100      |
| 59) 2-Hexanone                 | 11.55 | 43   | 594731   | 244.651  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.70 | 129  | 391401   | 54.419   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.82 | 107  | 285697   | 53.663   | ug/l   | 94       |
| 64) Tetrachloroethene          | 11.28 | 164  | 296713   | 46.726   | ug/l   | 97       |
| 65) Chlorobenzene              | 12.41 | 112  | 736522   | 45.399   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 12.53 | 131  | 323795   | 51.867   | ug/l   | 97       |
| 67) Ethyl Benzene              | 12.54 | 91   | 1187245  | 48.058   | ug/l   | 99       |
| 68) m/p-Xylenes                | 12.69 | 106  | 867296   | 91.063   | ug/l   | 99       |
| 69) o-Xylene                   | 13.06 | 106  | 424965   | 46.224   | ug/l   | 99       |
| 70) Styrene                    | 13.08 | 104  | 713281   | 45.429   | ug/l   | 98       |
| 71) Bromoform                  | 13.25 | 173  | 208393   | 53.801   | ug/l # | 98       |
| 73) Isopropylbenzene           | 13.42 | 105  | 1208003  | 48.894   | ug/l   | 99       |
| 74) N-amyl acetate             | 13.28 | 43   | 356903   | 53.167   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.71 | 83   | 267482   | 52.360   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 267371   | 53.000   | ug/l   | 98       |
| 77) Bromobenzene               | 13.68 | 156  | 364602   | 50.841   | ug/l   | 90       |
| 78) n-propylbenzene            | 13.79 | 91   | 1480092  | 50.081   | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 13.85 | 91   | 806952   | 47.747   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 13.95 | 105  | 978530   | 49.900   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 13.49 | 75   | 80864    | 52.823   | ug/l   | 90       |
| 82) 4-Chlorotoluene            | 13.96 | 91   | 941940   | 50.862   | ug/l   | 96       |
| 83) tert-Butylbenzene          | 14.20 | 119  | 1135120  | 48.009   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 14.25 | 105  | 954514   | 48.229   | ug/l   | 96       |
| 85) sec-Butylbenzene           | 14.38 | 105  | 1145116  | 44.827   | ug/l   | 95       |
| 86) p-Isopropyltoluene         | 14.50 | 119  | 1047983  | 47.290   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 14.47 | 146  | 607348   | 49.210   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 14.55 | 146  | 618861   | 49.696   | ug/l   | 99       |
| 89) n-Butylbenzene             | 14.81 | 91   | 905928   | 47.033   | ug/l   | 99       |
| 90) Hexachloroethane           | 15.02 | 117  | 323994   | 53.882   | ug/l   | 68       |
| 91) 1,2-Dichlorobenzene        | 14.82 | 146  | 520514   | 51.171   | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.40 | 75   | 36023    | 58.435   | ug/l   | 60       |

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ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Apr 10 05:06:50 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D040619S.M  
Quant Title : SW846 8260  
QLast Update : Mon Apr 08 10:04:03 2019  
Response via : Initial Calibration

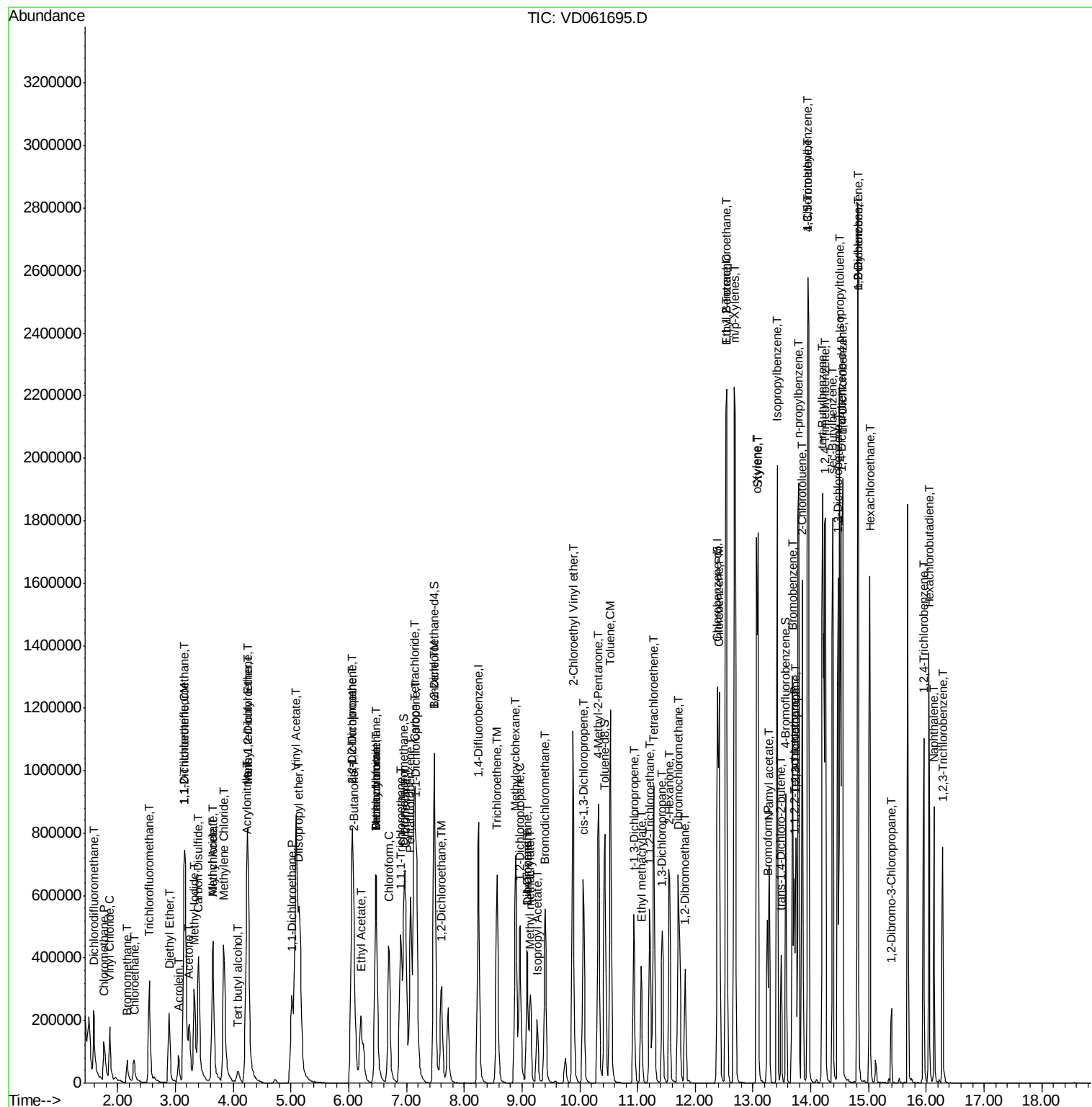
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.96 | 180  | 294137   | 56.757 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 16.05 | 225  | 223883   | 55.948 | ug/l  | 98       |
| 95) Naphthalene            | 16.13 | 128  | 529220   | 64.539 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.28 | 180  | 186162   | 71.977 | ug/l  | 99       |

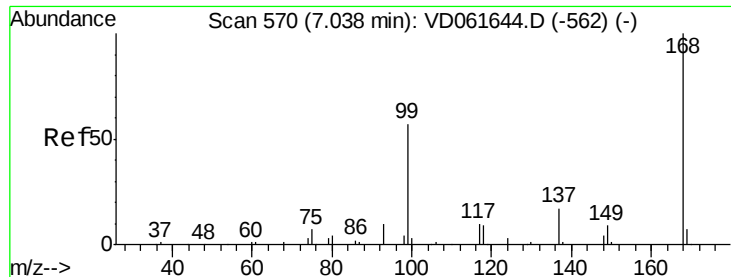
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Sample : VSTDCCC050  
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 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampled :

Quant Time: Apr 10 05:06:50 2019  
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 QLast Update : Mon Apr 08 10:04:03 2019  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.04 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

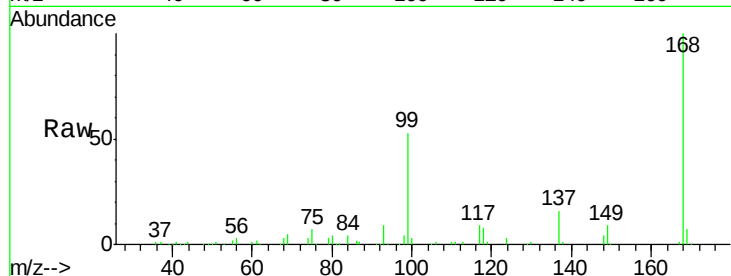
ClientSampleId :

Tot Ion:168 Resp: 612880

Ion Ratio Lower Upper

168 100

99 52.6 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.08

250000

200000

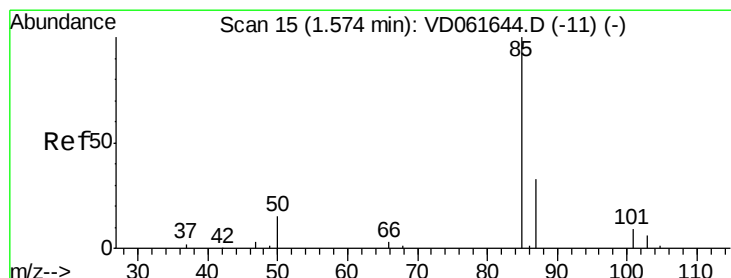
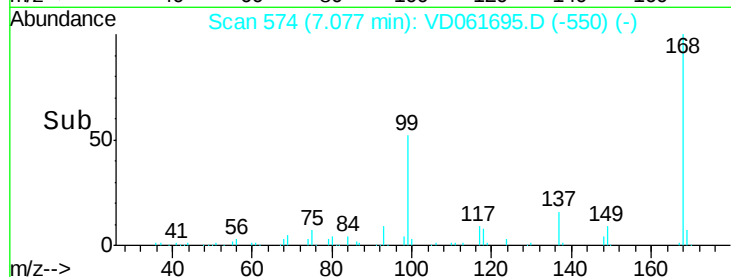
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.169 ug/l

RT: 1.58 min Scan# 16

Delta R.T. 0.01 min

Lab File: VD061695.D

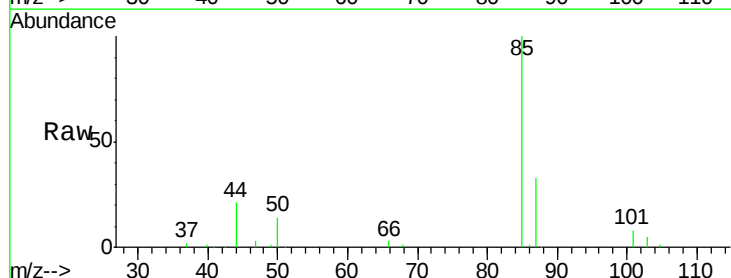
Acq: 10 Apr 2019 2:03

Tgt Ion: 85 Resp: 278822

Ion Ratio Lower Upper

85 100

87 33.3 16.6 49.8



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

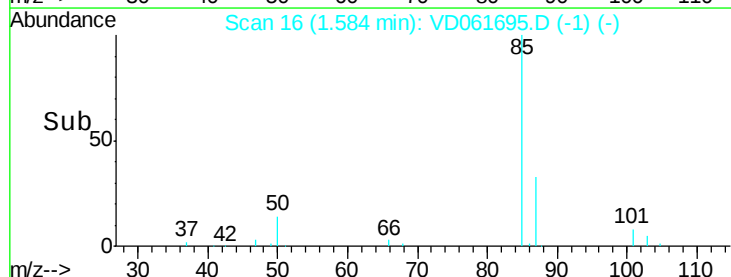
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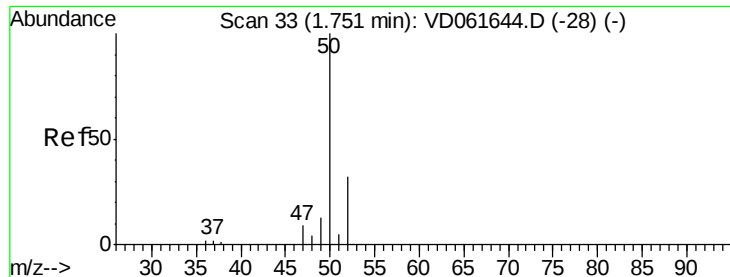
100000

50000

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Time-->





#3

Chloromethane

Concen: 41.555 ug/l

RT: 1.76 min Scan# 34

Delta R.T. 0.01 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

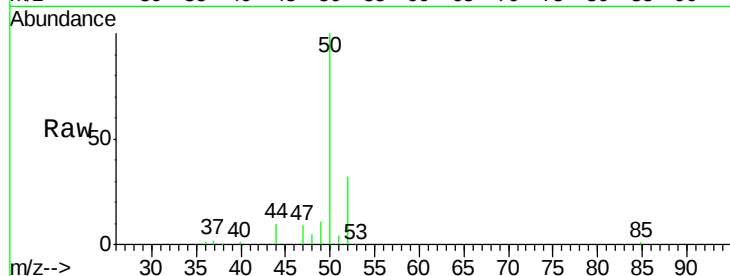
ClientSampleId :

Tot Ion: 50 Resp: 222035

Ion Ratio Lower Upper

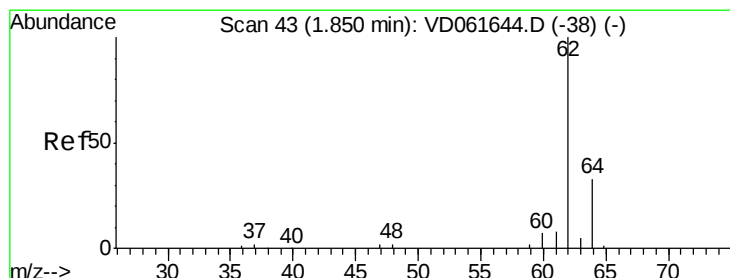
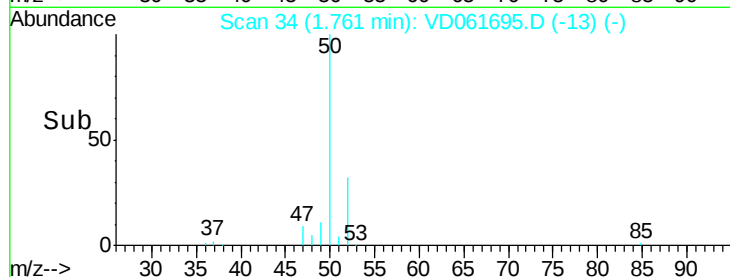
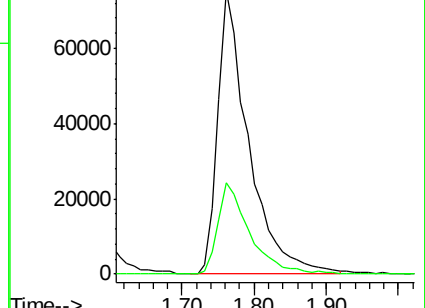
50 100

52 32.5 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 41.402 ug/l

RT: 1.86 min Scan# 44

Delta R.T. 0.01 min

Lab File: VD061695.D

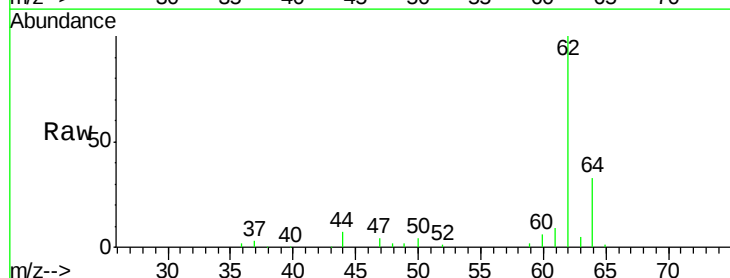
Acq: 10 Apr 2019 2:03

Tgt Ion: 62 Resp: 206711

Ion Ratio Lower Upper

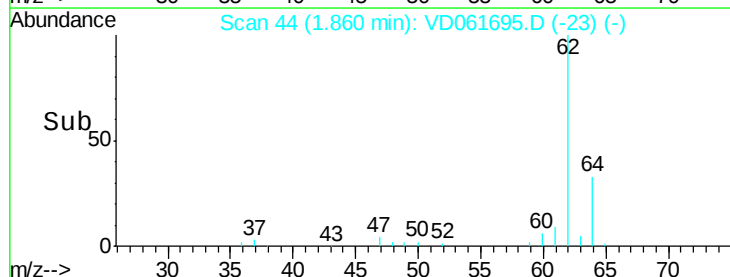
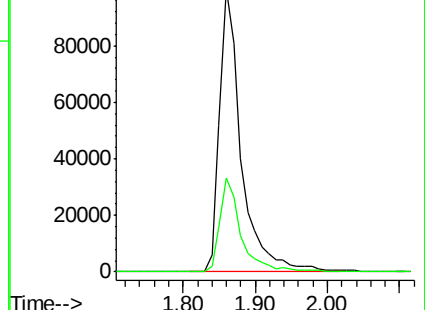
62 100

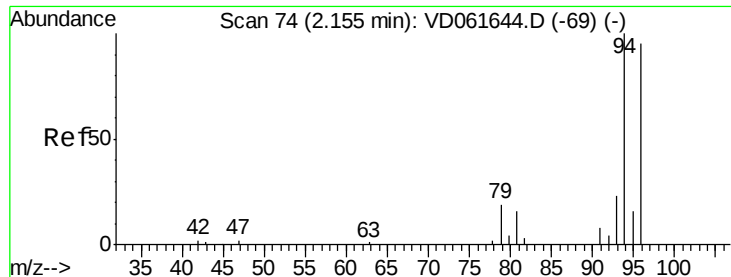
64 33.2 26.2 39.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 43.383 ug/l

RT: 2.17 min Scan# 75

Delta R.T. 0.01 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampleId :

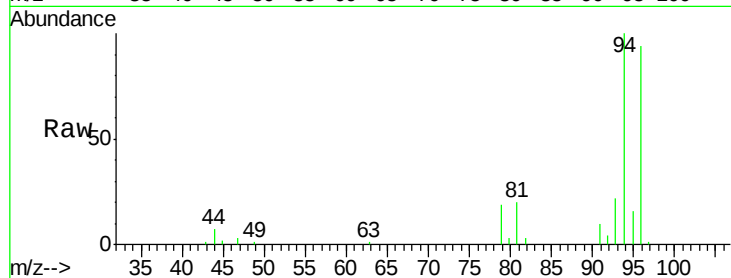
Tot Ion: 94 Resp: 50134

Ion Ratio Lower Upper

94 100

96 93.7 75.8 113.8

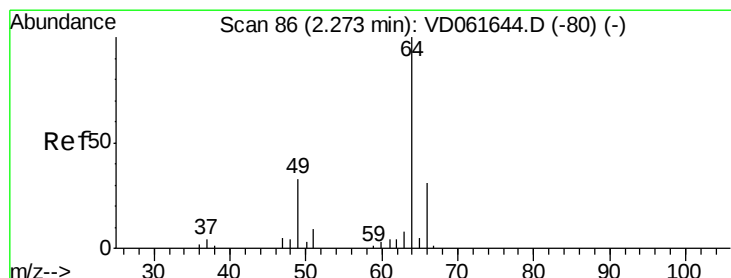
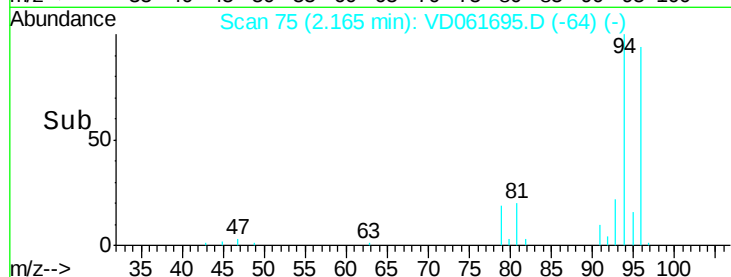
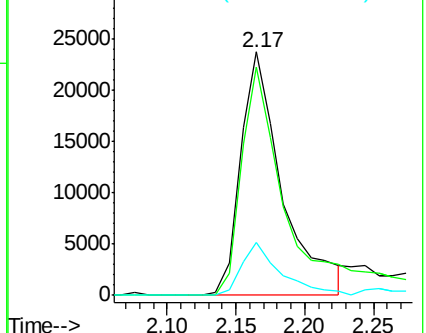
93 21.8 18.6 28.0



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: 52.624 ug/l

RT: 2.28 min Scan# 87

Delta R.T. 0.01 min

Lab File: VD061695.D

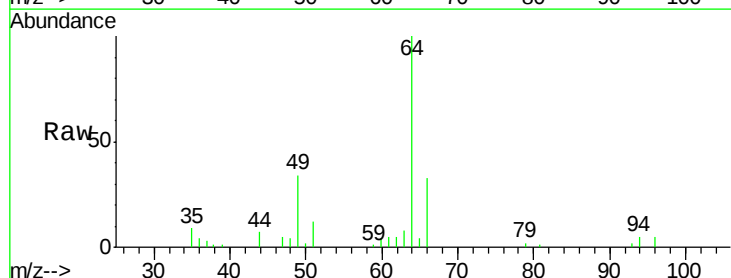
Acq: 10 Apr 2019 2:03

Tgt Ion: 64 Resp: 82294

Ion Ratio Lower Upper

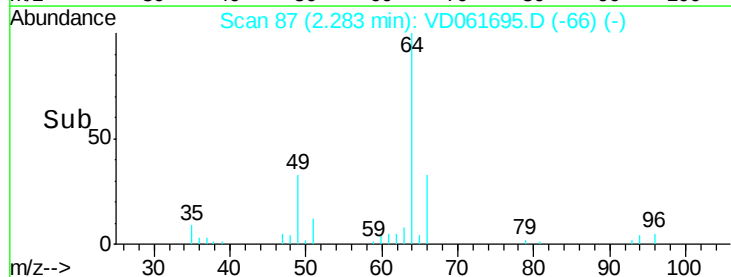
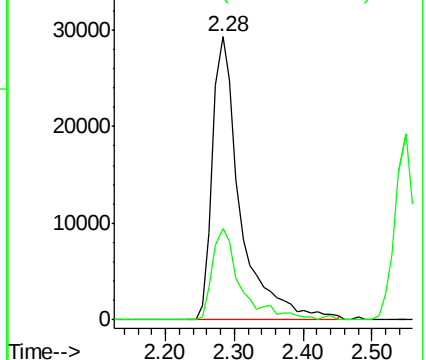
64 100

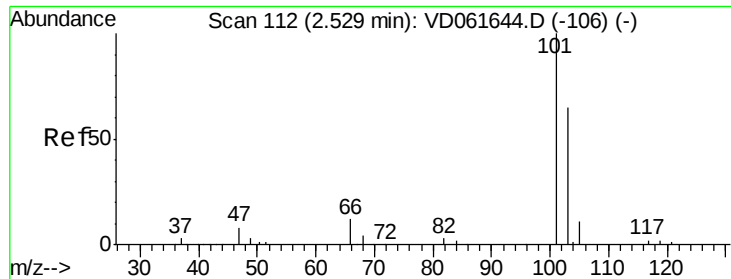
66 32.5 24.9 37.3



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



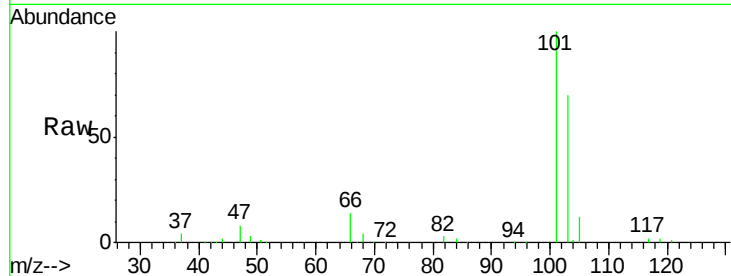


#7

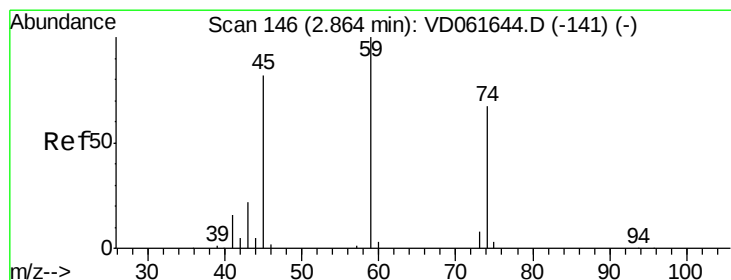
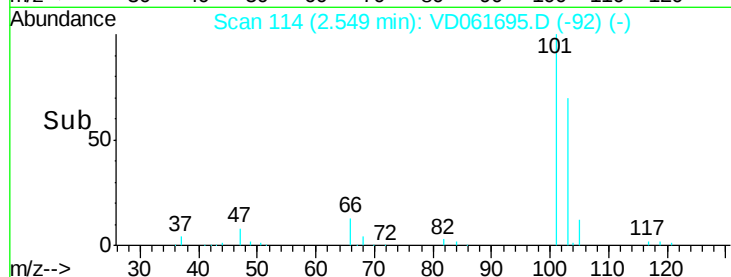
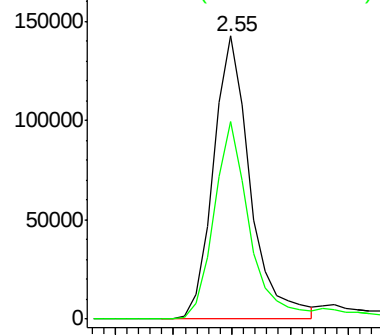
Trichlorofluoromethane  
Concen: 41.403 ug/l  
RT: 2.55 min Scan# 114  
Delta R.T. 0.02 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:101 Resp: 312117  
Ion Ratio Lower Upper  
101 100  
103 69.8 52.0 78.0



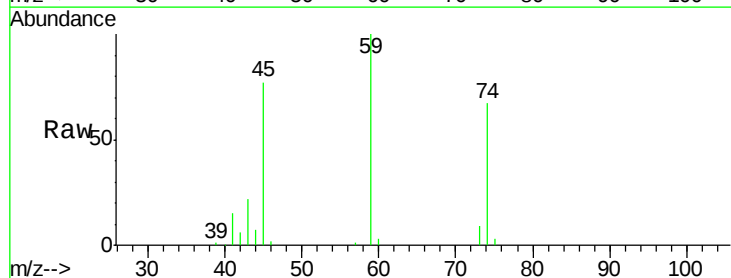
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



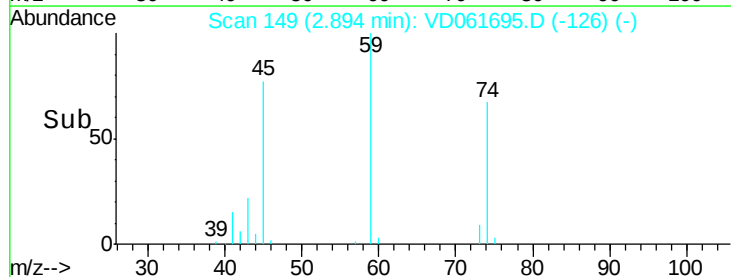
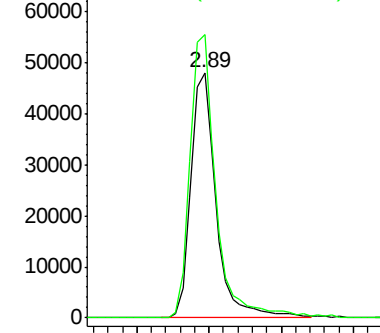
#8

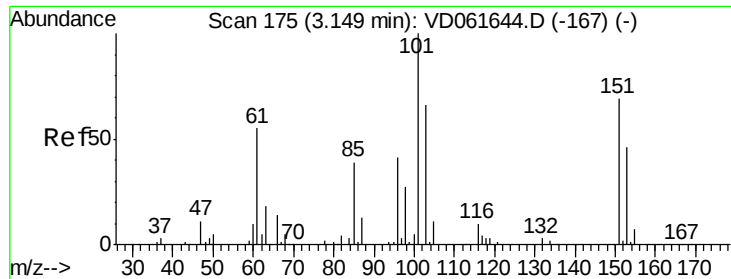
Diethyl Ether  
Concen: 54.710 ug/l  
RT: 2.89 min Scan# 149  
Delta R.T. 0.03 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Tgt Ion: 74 Resp: 115747  
Ion Ratio Lower Upper  
74 100  
45 115.5 61.0 183.0



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

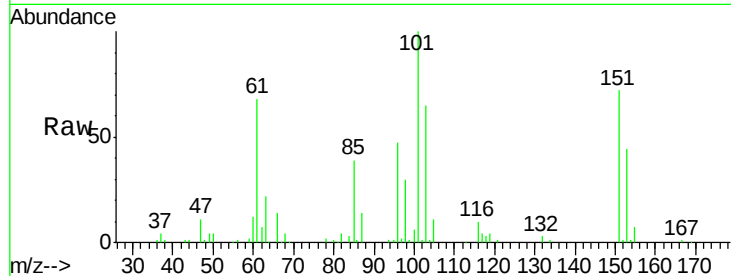




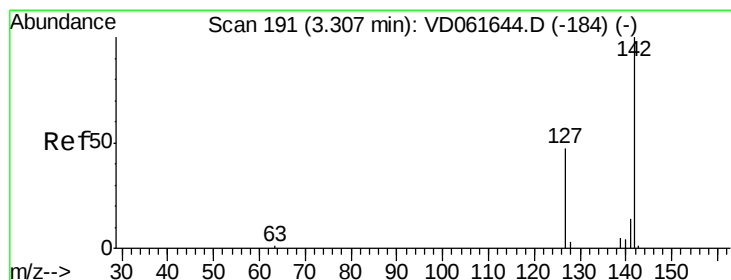
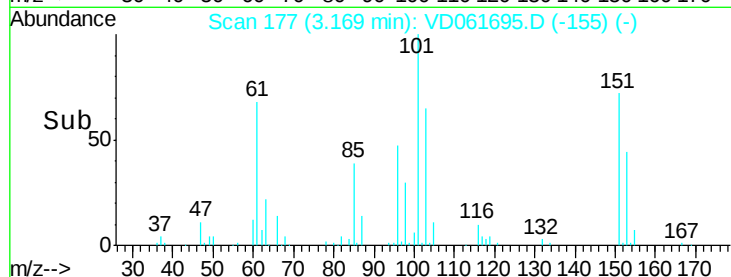
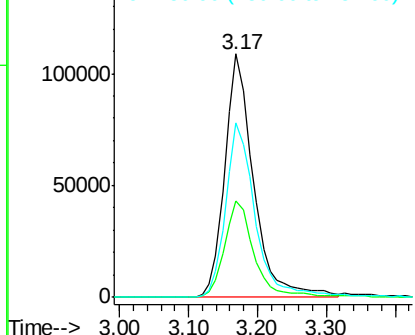
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 42.601 ug/l  
 RT: 3.17 min Scan# 177  
 Delta R.T. 0.02 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Instrument :  
 MSVOA\_D  
 ClientSampleID :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 39.4  | 31.0  | 46.6  |
| 151     | 71.5  | 55.3  | 82.9  |

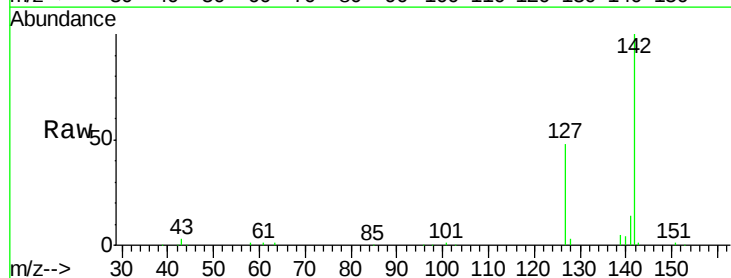


Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 84.95 (84.65 to 85.65): V  
 Ion 150.90 (150.60 to 151.60): V

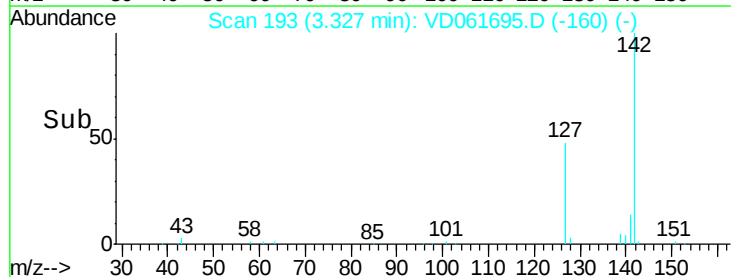
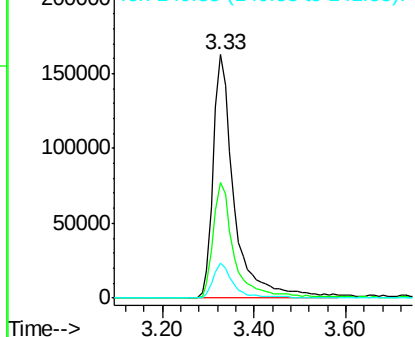


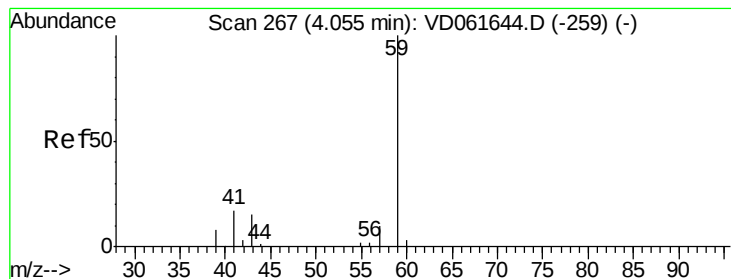
#10  
 Methyl Iodide  
 Concen: 46.702 ug/l  
 RT: 3.33 min Scan# 193  
 Delta R.T. 0.02 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 47.7  | 37.2  | 55.8  |
| 141     | 14.4  | 10.8  | 16.2  |



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



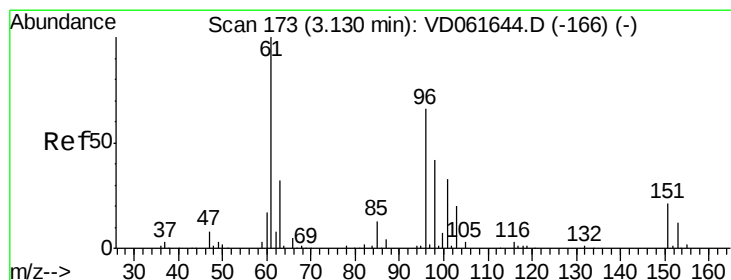
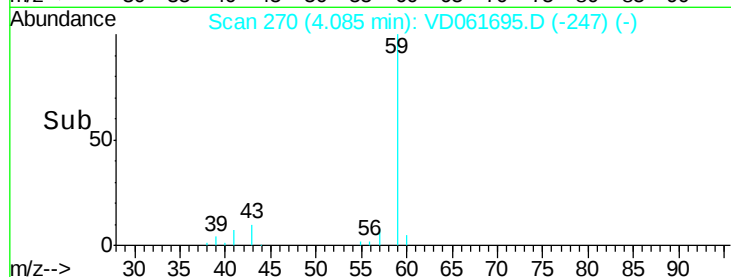
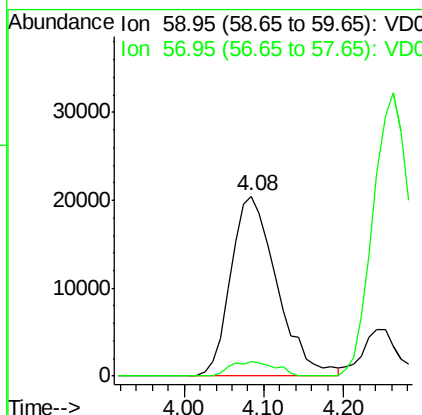
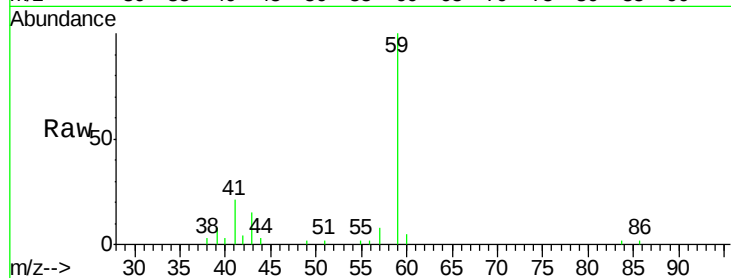


#11

Tert butyl alcohol  
 Concen: 264.336 ug/l  
 RT: 4.08 min Scan# 270  
 Delta R.T. 0.03 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :

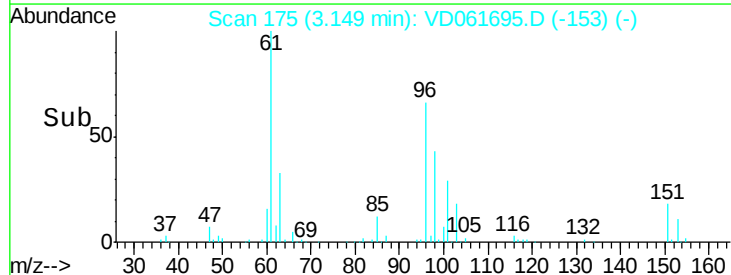
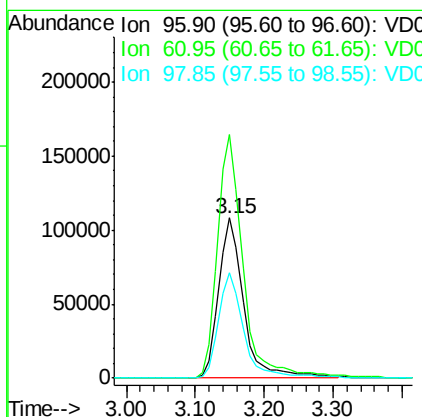
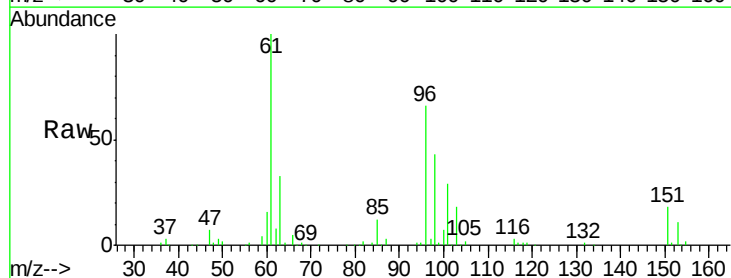
Tot Ion: 59 Resp: 82299  
 Ion Ratio Lower Upper  
 59 100  
 57 7.8 8.4 12.6#

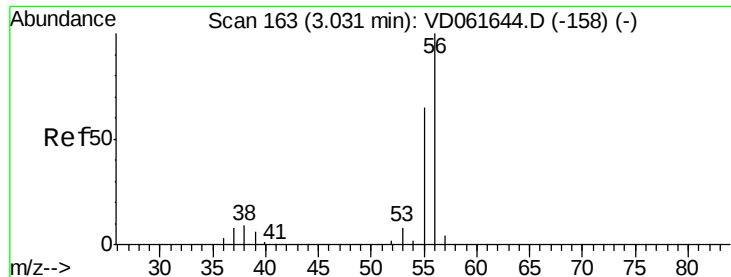


#12

1,1-Dichloroethene  
 Concen: 42.928 ug/l  
 RT: 3.15 min Scan# 175  
 Delta R.T. 0.02 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Tgt Ion: 96 Resp: 274274  
 Ion Ratio Lower Upper  
 96 100  
 61 152.2 121.3 181.9  
 98 65.6 50.6 76.0





#13

Acrolein

Concen: 264.488 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.02 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

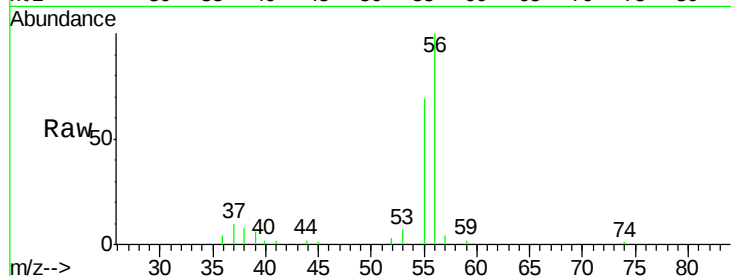
ClientSampleId :

Tot Ion: 56 Resp: 100398

Ion Ratio Lower Upper

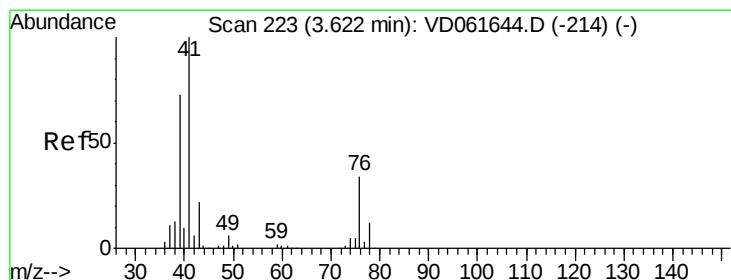
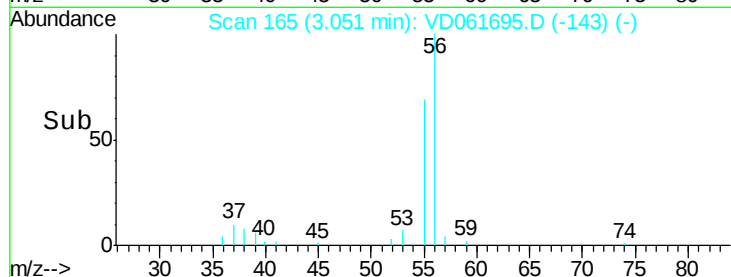
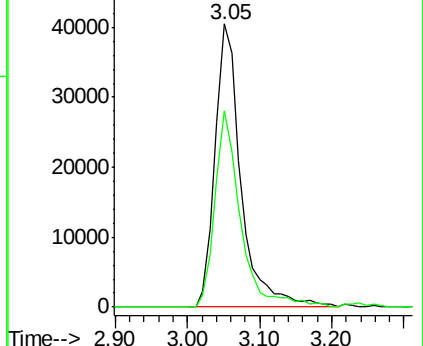
56 100

55 69.2 51.8 77.6



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 46.576 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

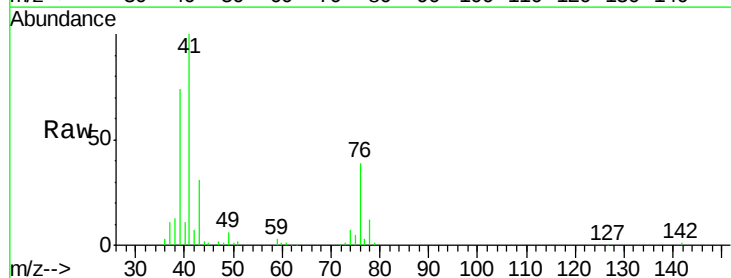
Tgt Ion: 41 Resp: 405877

Ion Ratio Lower Upper

41 100

39 73.8 58.2 87.4

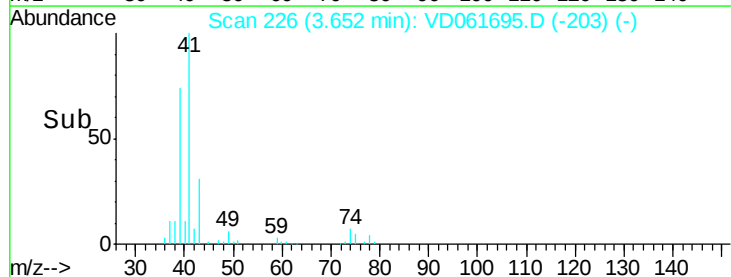
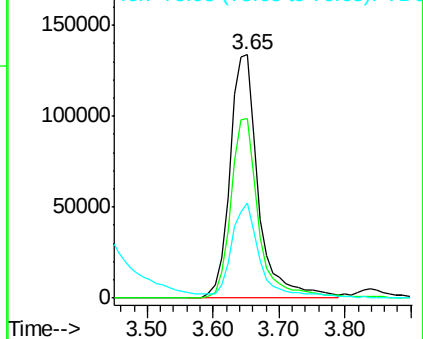
76 39.0 29.8 44.6

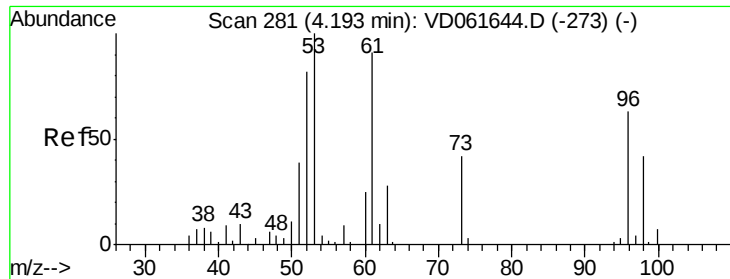


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 251.480 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampleId :

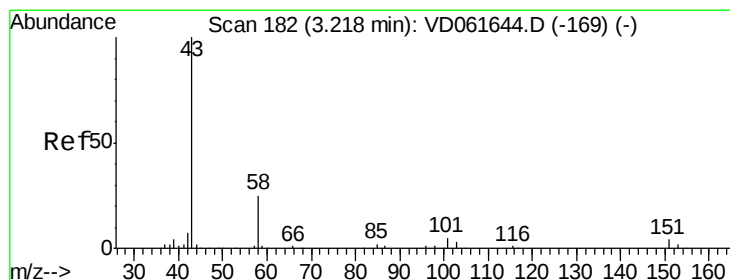
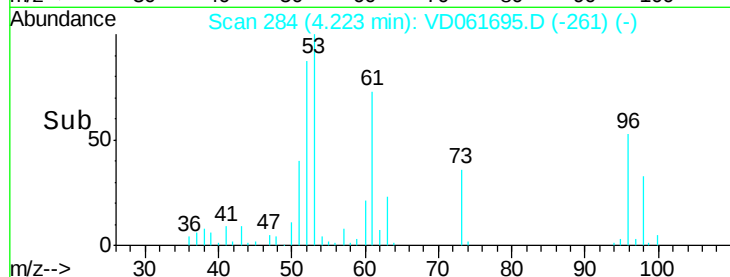
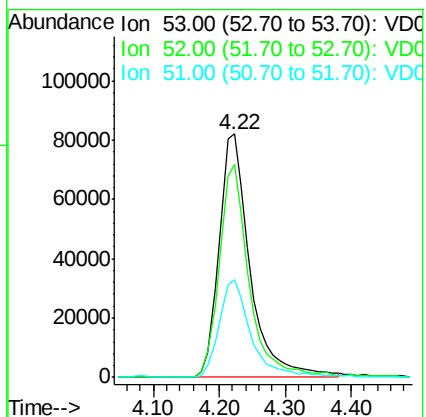
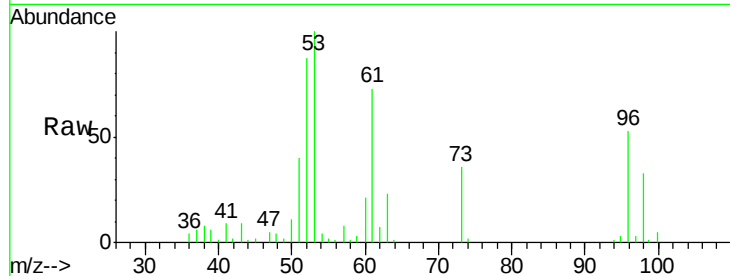
Tot Ion: 53 Resp: 269522

Ion Ratio Lower Upper

53 100

52 87.3 65.9 98.9

51 40.2 31.4 47.2



#16

Acetone

Concen: 204.393 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD061695.D

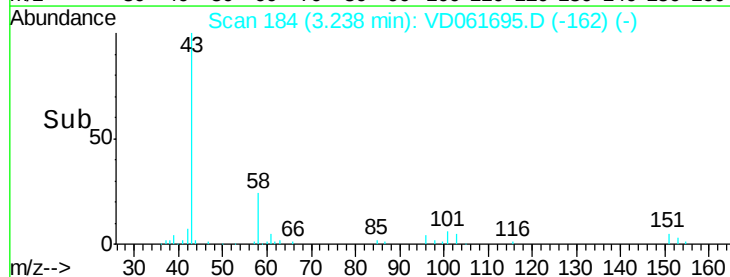
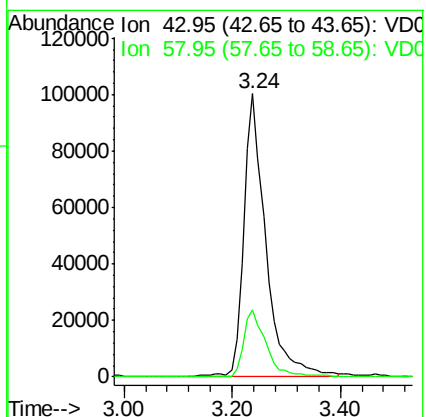
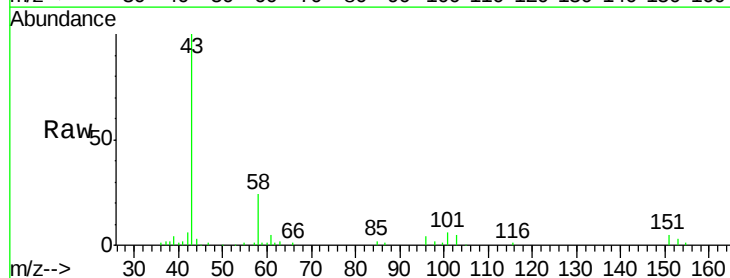
Acq: 10 Apr 2019 2:03

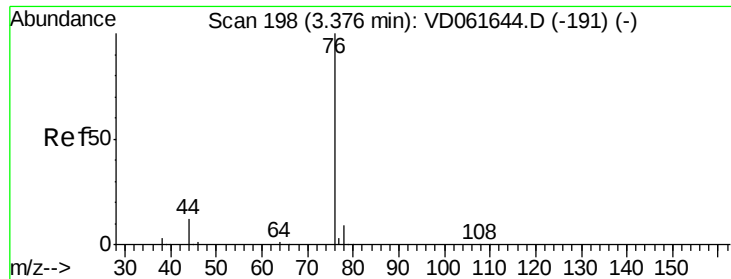
Tgt Ion: 43 Resp: 283846

Ion Ratio Lower Upper

43 100

58 23.9 19.7 29.5

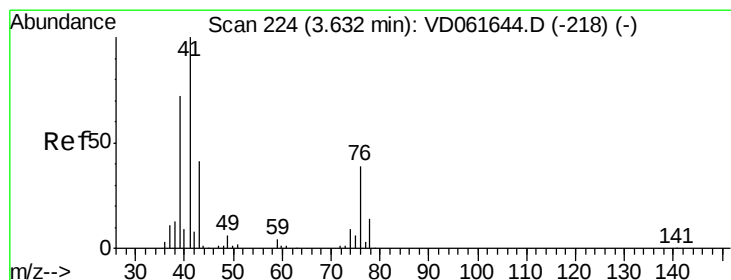
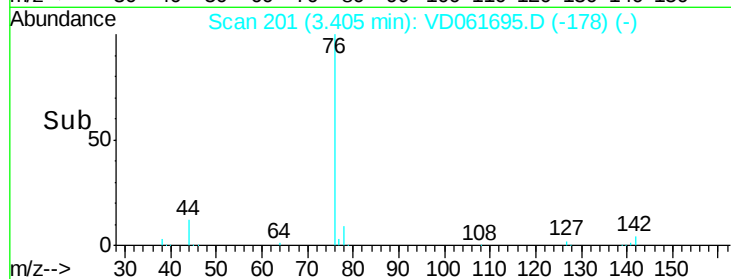
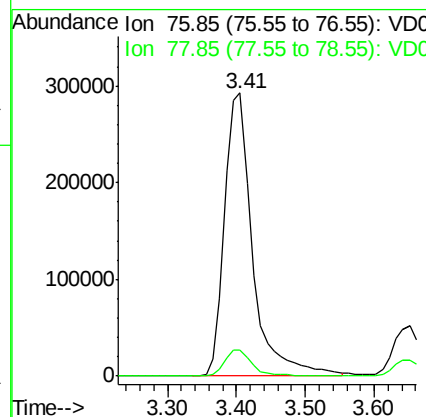
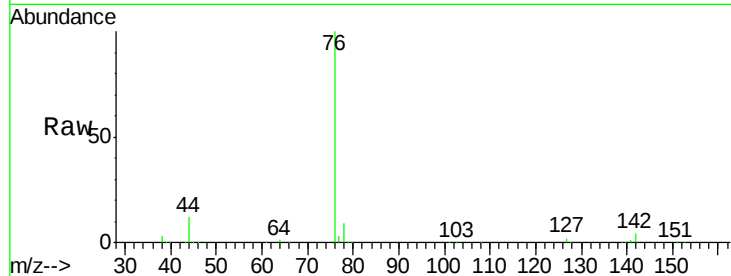




#17  
Carbon Disulfide  
Concen: 40.026 ug/l  
RT: 3.41 min Scan# 201  
Delta R.T. 0.03 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

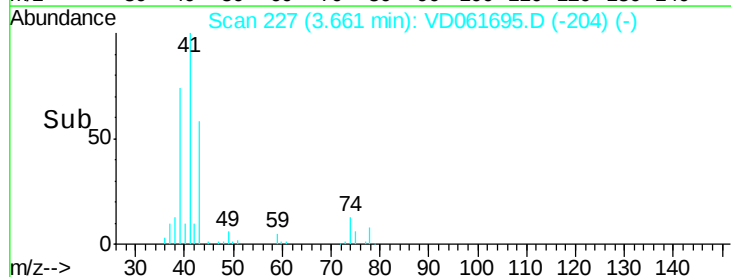
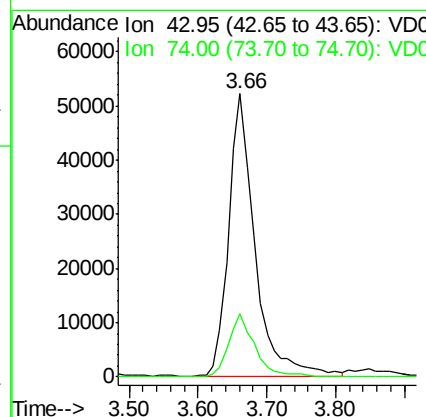
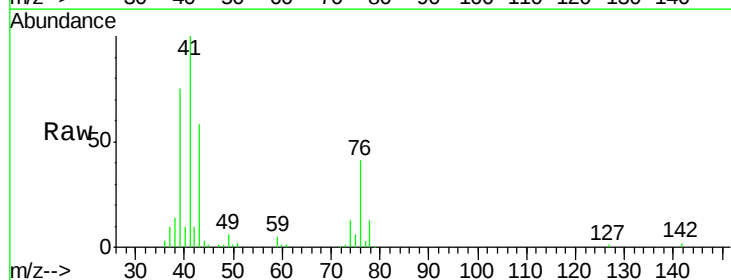
Instrument :  
MSVOA\_D  
ClientSampleId :

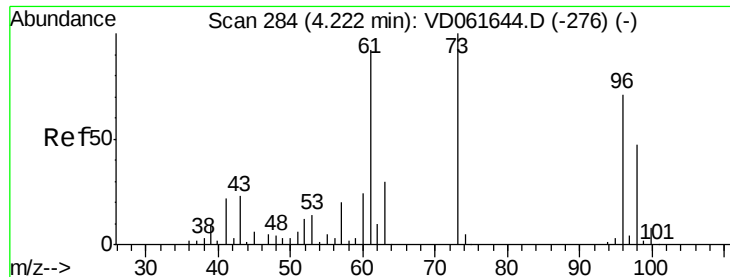
Tot Ion: 76 Resp: 830950  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.2



#18  
Methyl Acetate  
Concen: 53.412 ug/l  
RT: 3.66 min Scan# 227  
Delta R.T. 0.03 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Tgt Ion: 43 Resp: 139556  
Ion Ratio Lower Upper  
43 100  
74 22.2 18.2 27.2

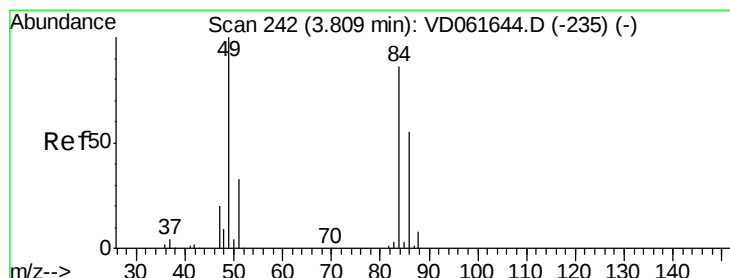
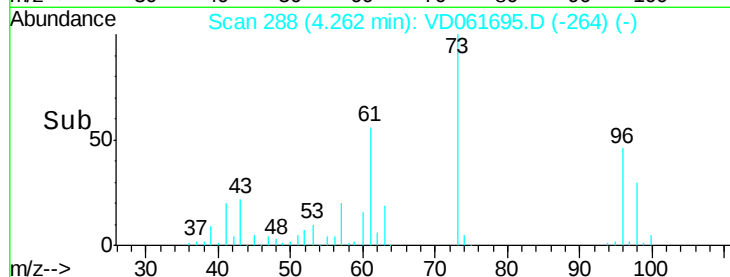
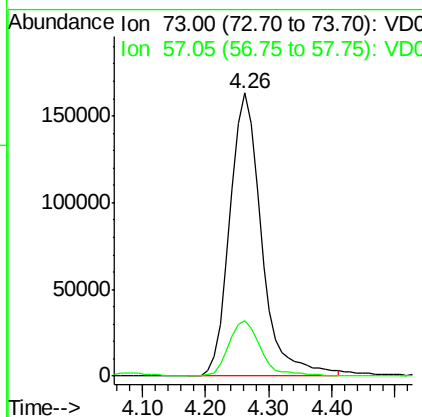
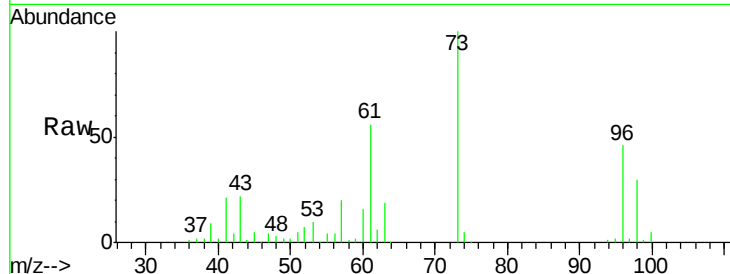




#19  
Methyl tert-butyl Ether  
Concen: 51.611 ug/l  
RT: 4.26 min Scan# 288  
Delta R.T. 0.04 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

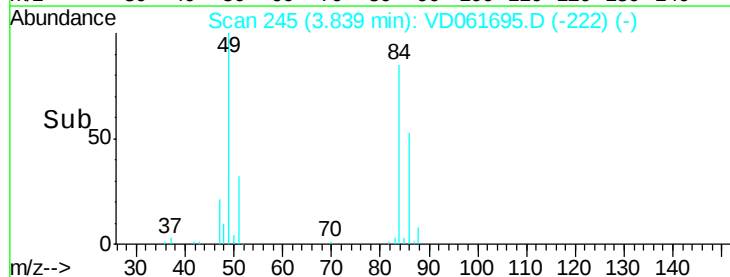
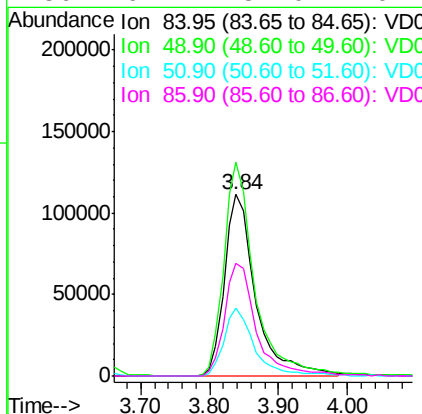
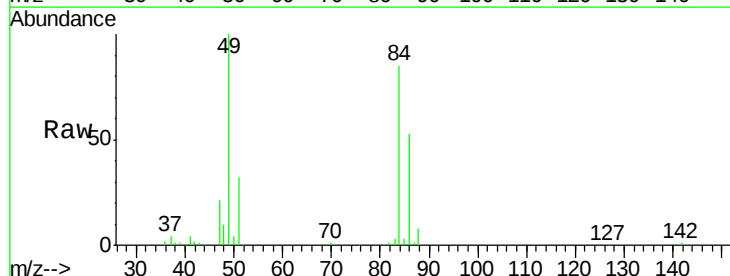
Instrument :  
MSVOA\_D  
ClientSampleID :

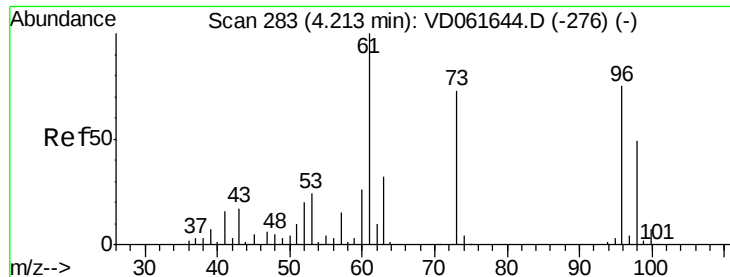
Tot Ion: 73 Resp: 570969  
Ion Ratio Lower Upper  
73 100  
57 19.7 16.0 24.0



#20  
Methylene Chloride  
Concen: 44.368 ug/l  
RT: 3.84 min Scan# 245  
Delta R.T. 0.03 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Tgt Ion: 84 Resp: 349637  
Ion Ratio Lower Upper  
84 100  
49 117.9 93.0 139.4  
51 37.6 30.4 45.6  
86 62.2 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 46.000 ug/l

RT: 4.24 min Scan# 286

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampleId :

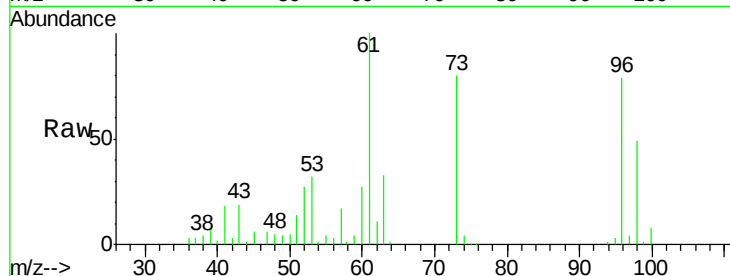
Tot Ion: 96 Resp: 319208

Ion Ratio Lower Upper

96 100

61 127.4 106.8 160.2

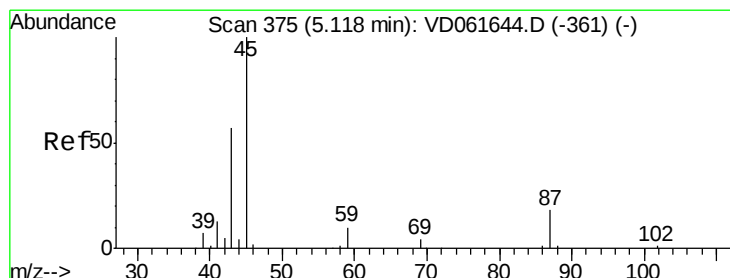
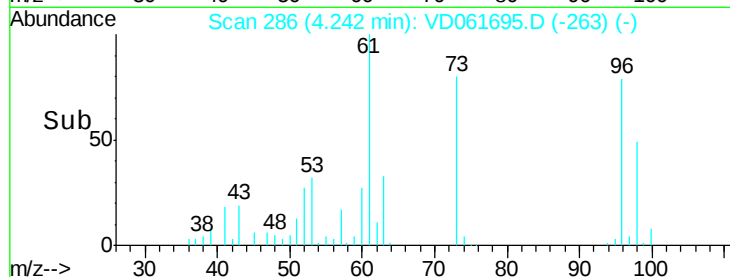
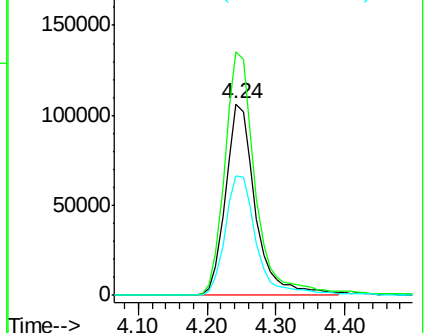
98 62.6 52.2 78.2



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: 51.563 ug/l

RT: 5.14 min Scan# 377

Delta R.T. 0.02 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Tgt Ion: 45 Resp: 942085

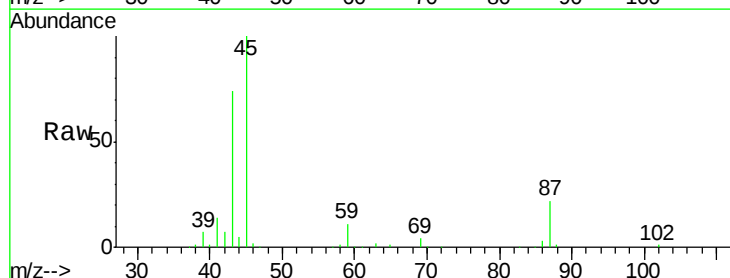
Ion Ratio Lower Upper

45 100

43 73.5 46.6 70.0#

87 21.5 15.6 23.4

59 10.6 8.6 13.0

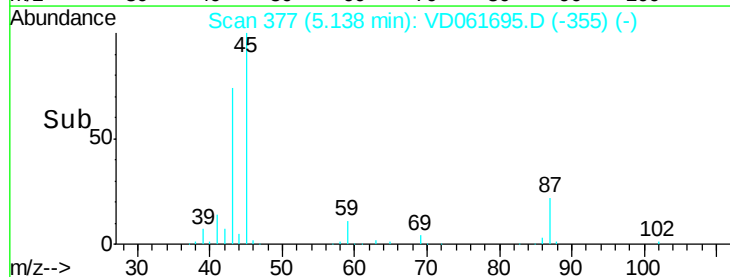
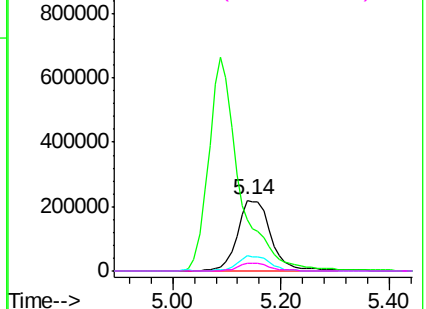


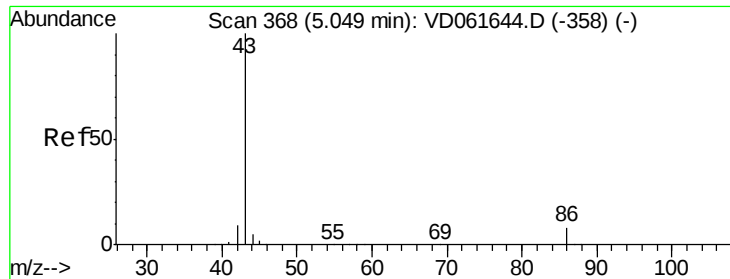
Abundance Ion 45.05 (44.75 to 45.75): VDC

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

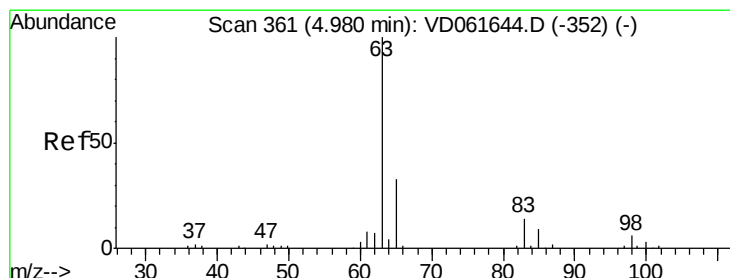
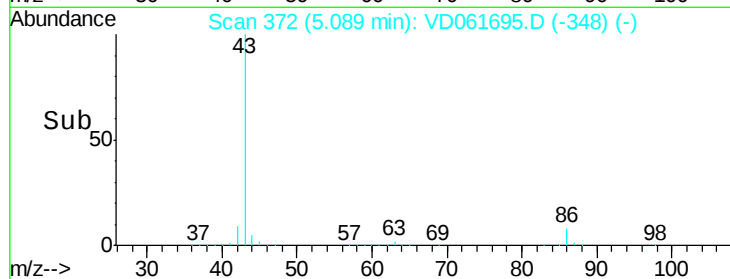
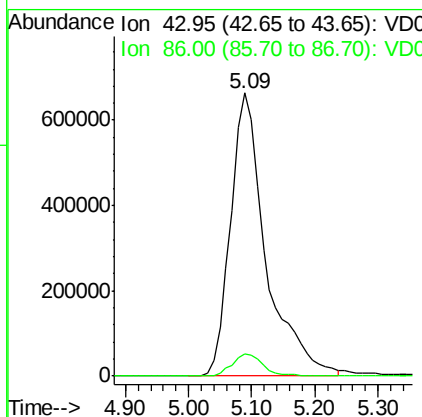
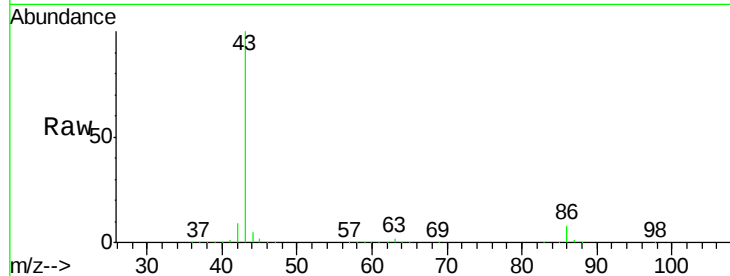




#23  
 Vinyl Acetate  
 Concen: 255.755 ug/l  
 RT: 5.09 min Scan# 372  
 Delta R.T. 0.04 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

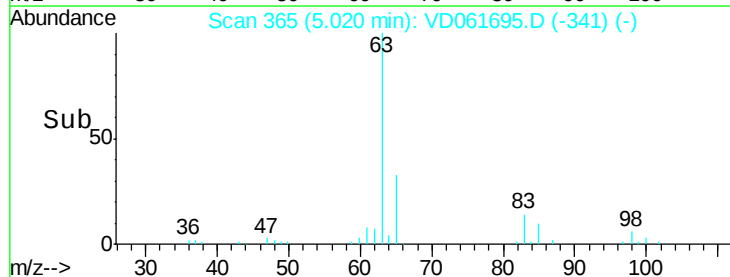
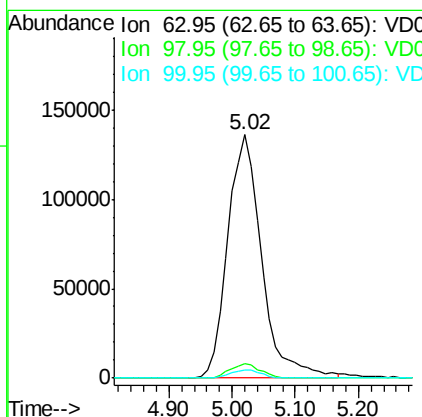
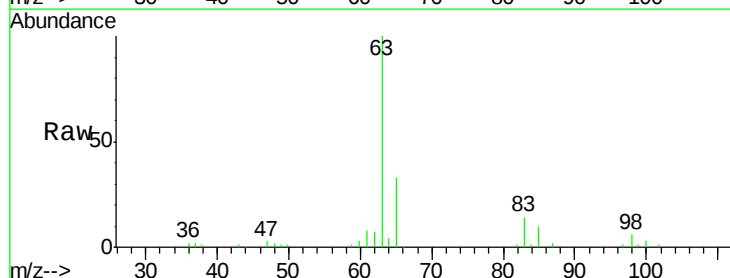
Instrument :  
 MSVOA\_D  
 ClientSampleID :

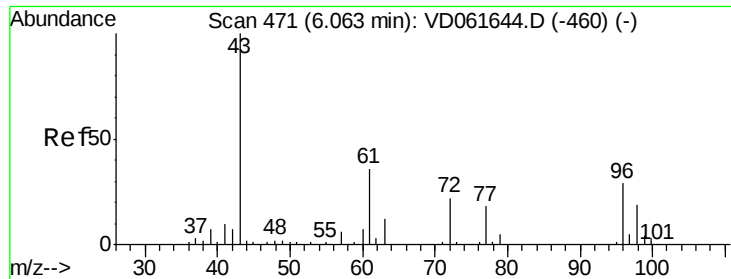
Tot Ion: 43 Resp: 2578342  
 Ion Ratio Lower Upper  
 43 100  
 86 8.0 6.4 9.6



#24  
 1,1-Dichloroethane  
 Concen: 45.287 ug/l  
 RT: 5.02 min Scan# 365  
 Delta R.T. 0.04 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Tgt Ion: 63 Resp: 507035  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 2.9 8.6  
 100 3.4 1.7 5.1





#25

2-Butanone

Concen: 243.951 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

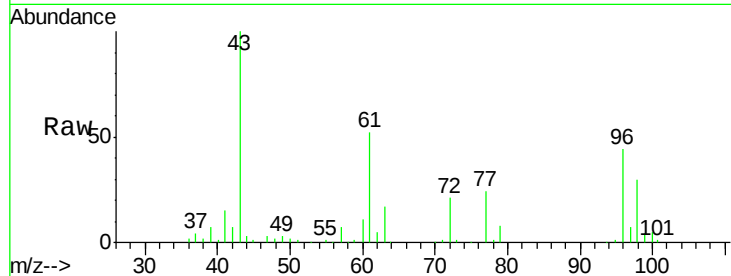
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 390557

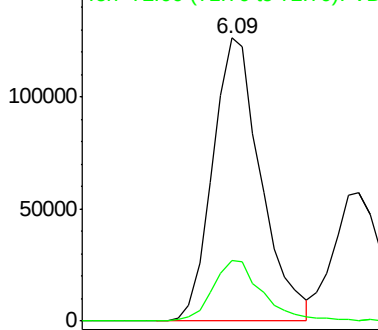
Ion Ratio Lower Upper

43 100

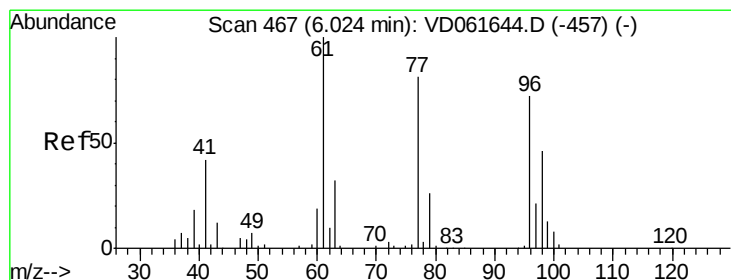
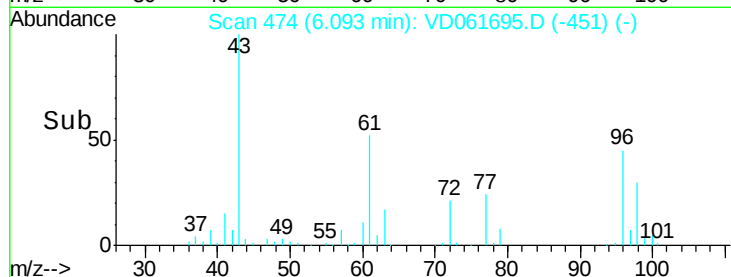
72 21.3 17.4 26.2



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



Time-->



#26

2,2-Dichloropropane

Concen: 44.087 ug/l

RT: 6.05 min Scan# 470

Delta R.T. 0.03 min

Lab File: VD061695.D

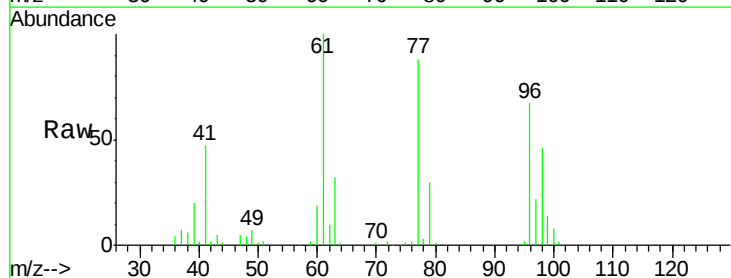
Acq: 10 Apr 2019 2:03

Tgt Ion: 77 Resp: 401917

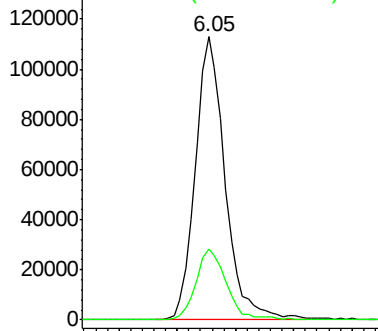
Ion Ratio Lower Upper

77 100

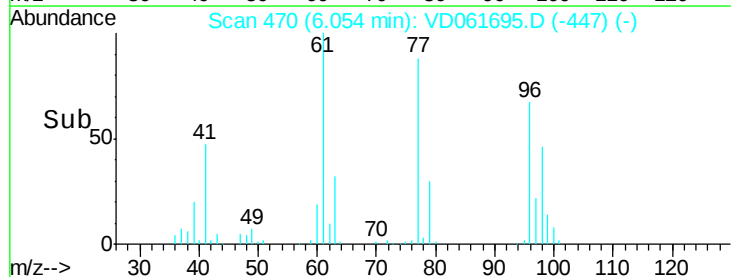
97 25.2 12.7 38.0

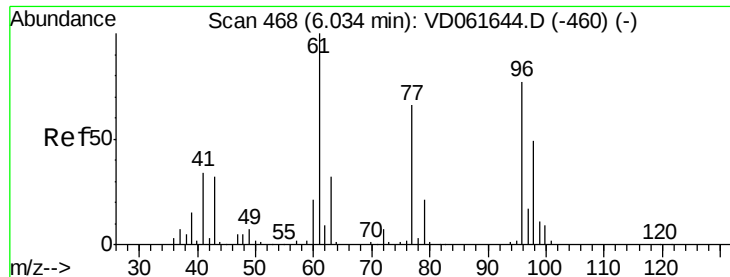


Abundance Ion 76.95 (76.65 to 77.65): VDC  
Ion 96.85 (96.55 to 97.55): VDC



Time-->



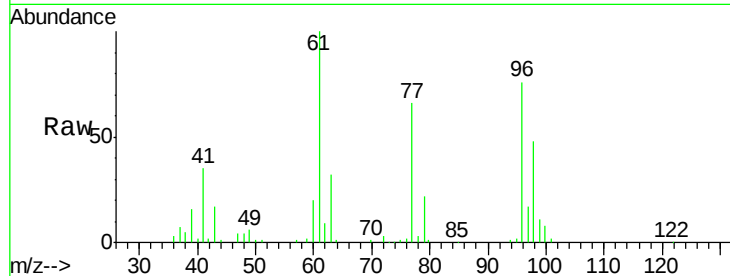


#27

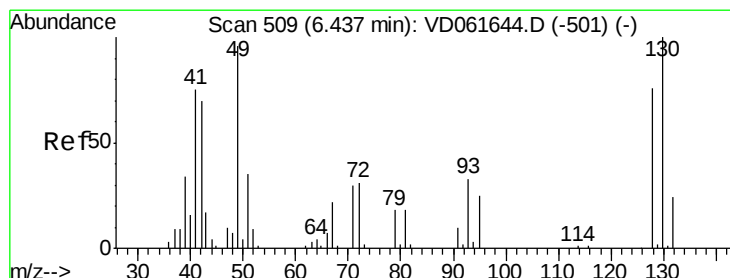
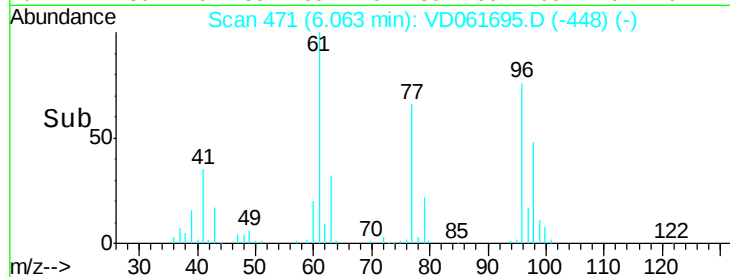
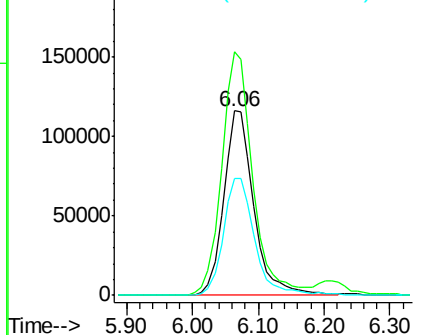
cis-1,2-Dichloroethene  
 Concen: 50.021 ug/l  
 RT: 6.06 min Scan# 471  
 Delta R.T. 0.03 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Instrument :  
 MSVOA\_D  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 132.1 | 0.0   | 259.8 |
| 98      | 63.7  | 0.0   | 127.6 |



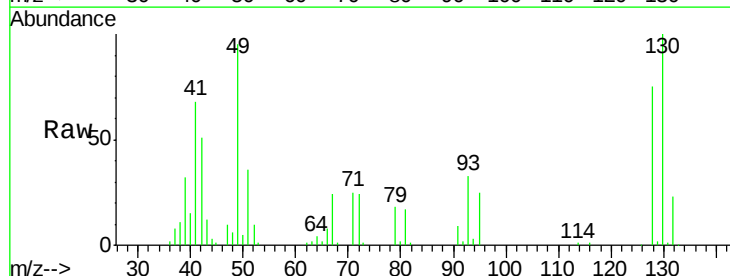
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC



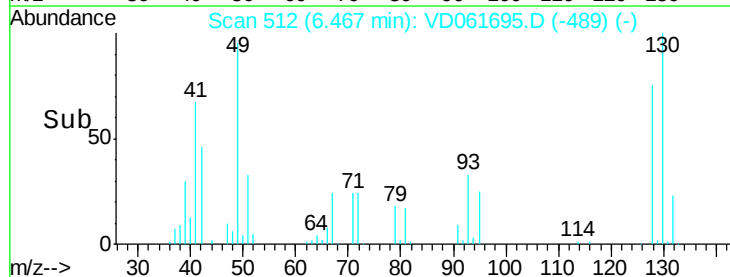
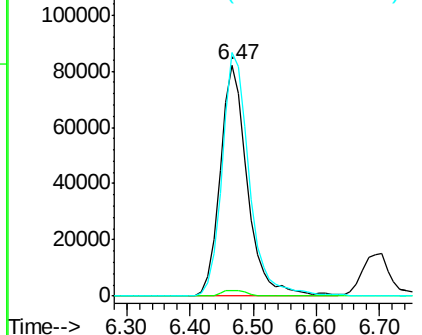
#28

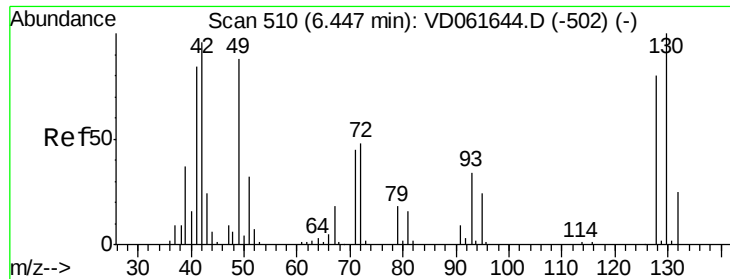
Bromochloromethane  
 Concen: 59.606 ug/l  
 RT: 6.47 min Scan# 512  
 Delta R.T. 0.03 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.4   | 0.0   | 4.0   |
| 130     | 105.5 | 83.3  | 124.9 |



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





#29

Tetrahydrofuran

Concen: 266.994 ug/l

RT: 6.49 min Scan# 514

Delta R.T. 0.04 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampled :

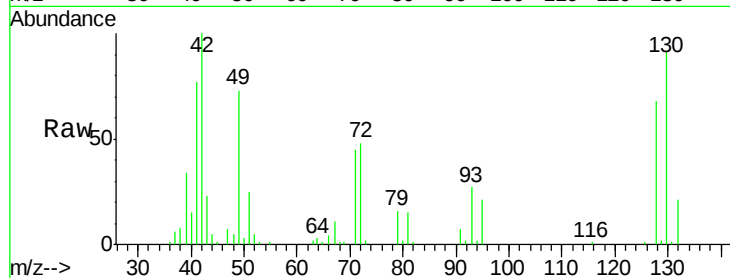
Tot Ion: 42 Resp: 206344

Ion Ratio Lower Upper

42 100

72 47.4 37.0 55.6

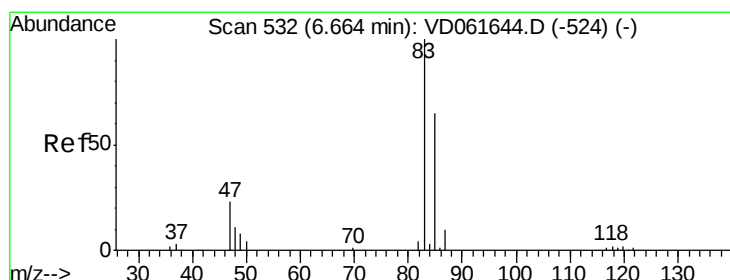
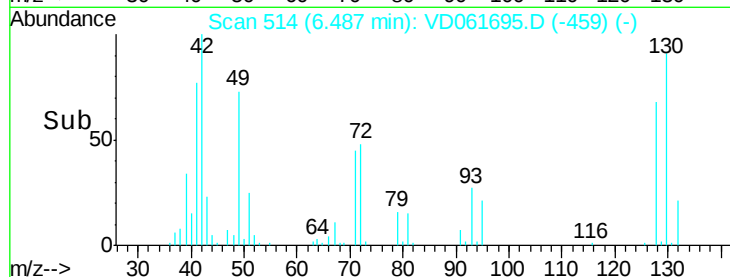
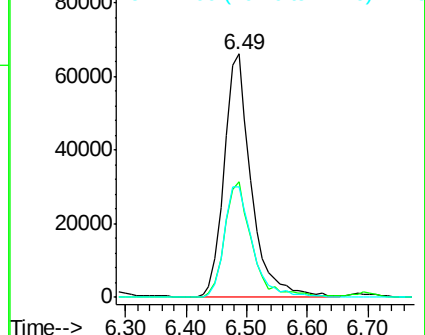
71 47.2 36.5 54.7



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: 47.164 ug/l

RT: 6.69 min Scan# 535

Delta R.T. 0.03 min

Lab File: VD061695.D

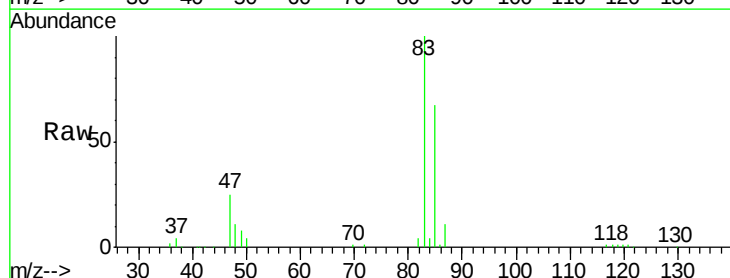
Acq: 10 Apr 2019 2:03

Tgt Ion: 83 Resp: 553176

Ion Ratio Lower Upper

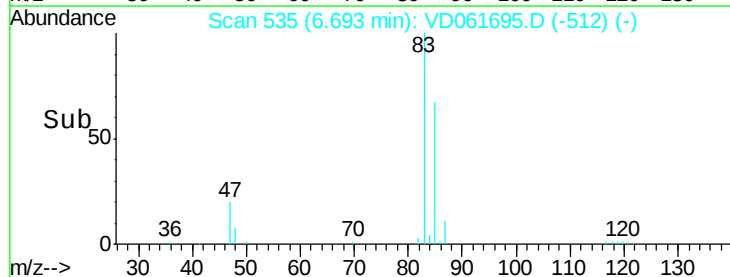
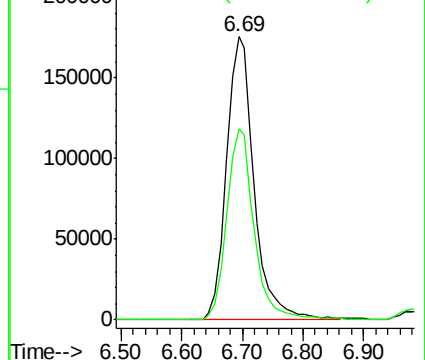
83 100

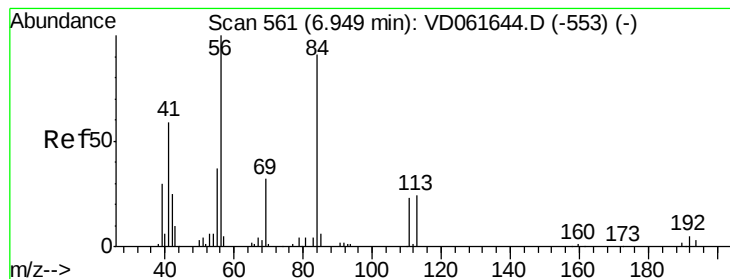
85 67.4 51.9 77.9



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 42.403 ug/l

RT: 6.99 min Scan# 565

Delta R.T. 0.04 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampleId :

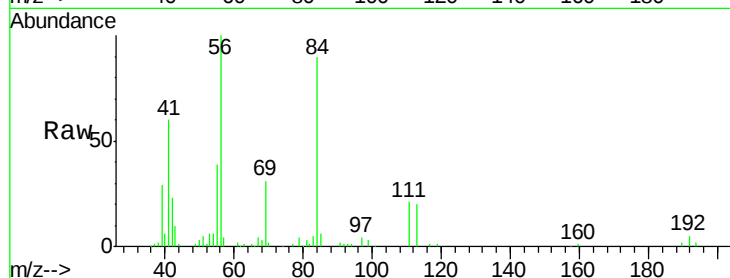
Tot Ion: 56 Resp: 370882

Ion Ratio Lower Upper

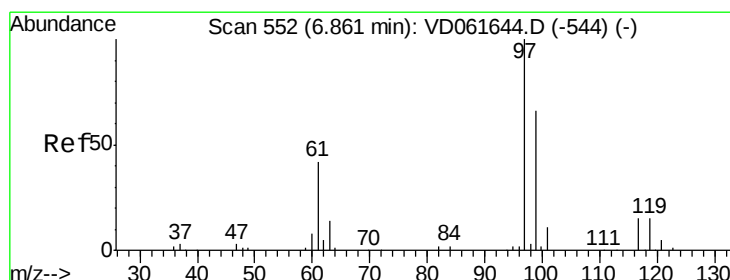
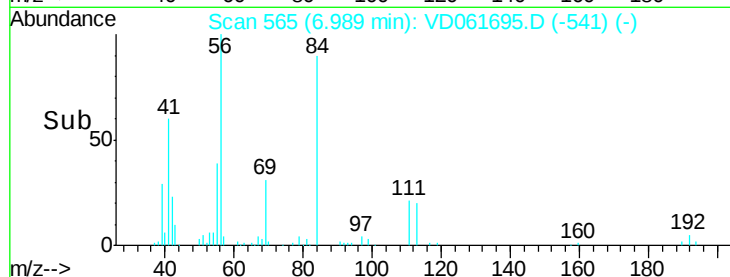
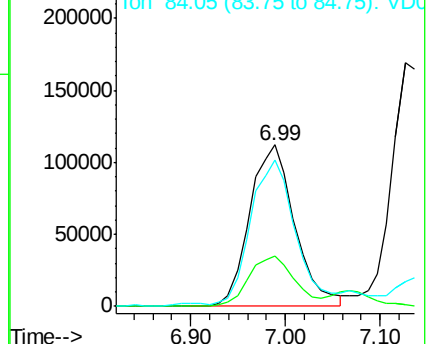
56 100

69 31.4 25.8 38.6

84 90.3 74.2 111.2



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: 48.733 ug/l

RT: 6.90 min Scan# 556

Delta R.T. 0.04 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

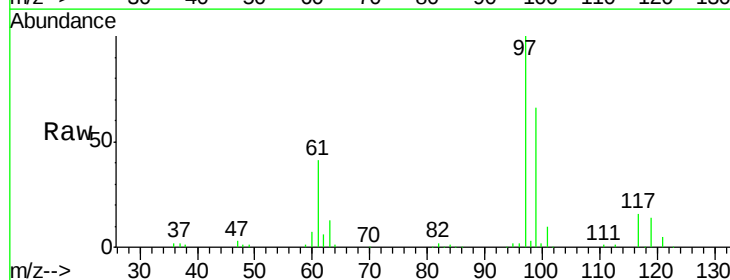
Tgt Ion: 97 Resp: 500889

Ion Ratio Lower Upper

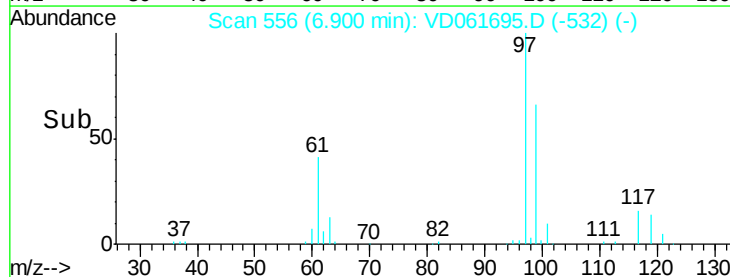
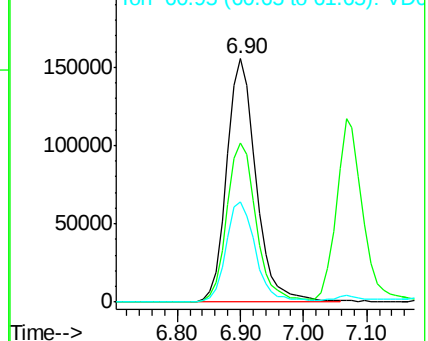
97 100

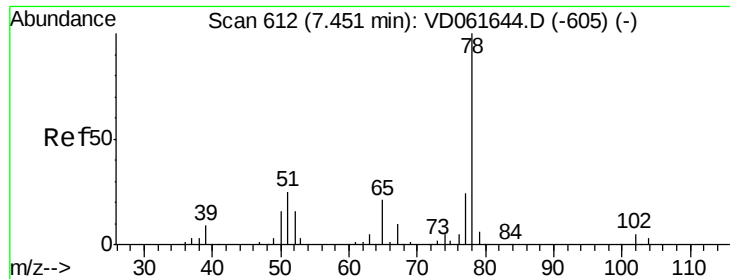
99 65.6 52.5 78.7

61 41.3 33.4 50.0



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: 48.733 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

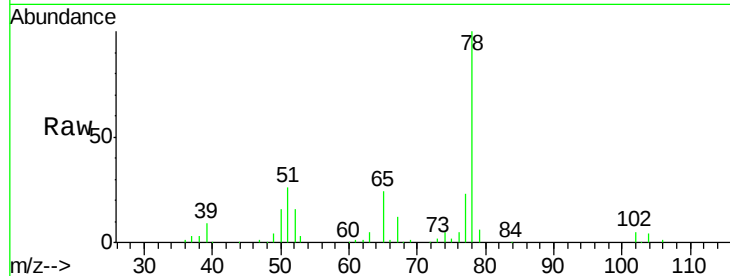
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 65 Resp: 234286

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.48

80000

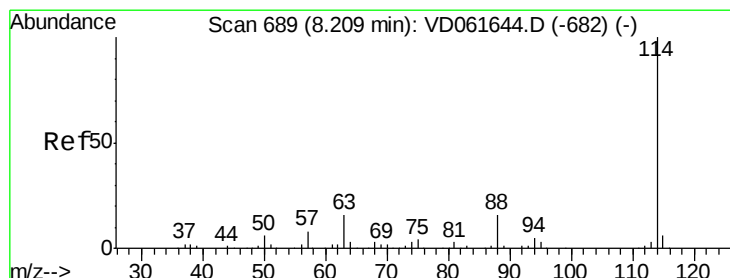
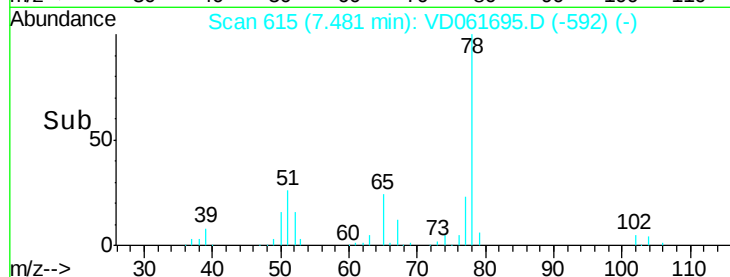
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.25 min Scan# 693

Delta R.T. 0.04 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

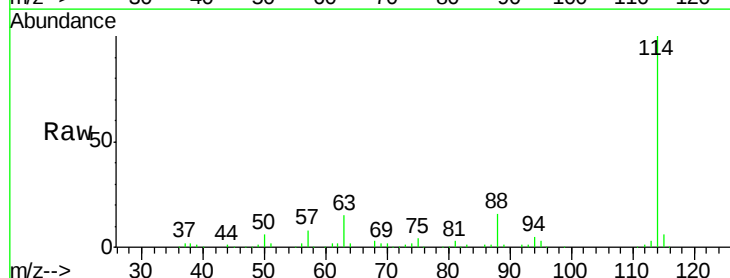
Tgt Ion: 114 Resp: 1023777

Ion Ratio Lower Upper

114 100

63 14.9 0.0 31.2

88 16.3 0.0 31.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.25

500000

400000

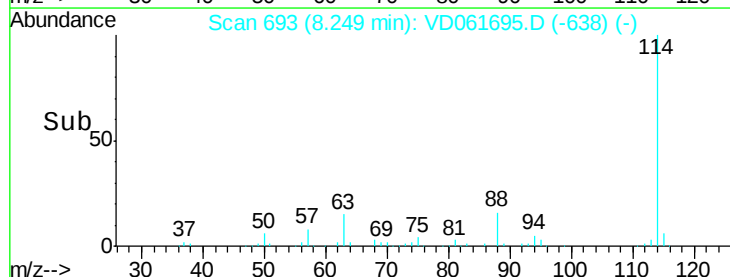
300000

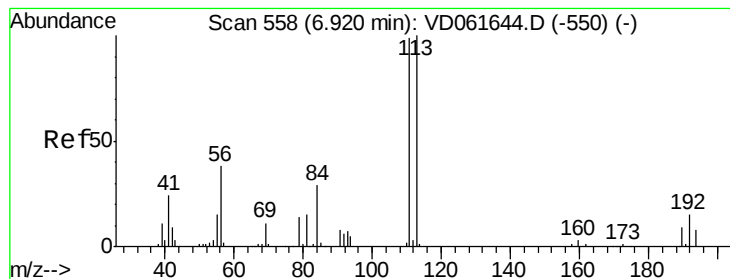
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampleId :

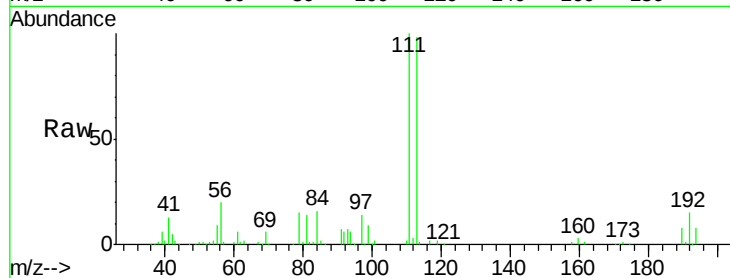
Tot Ion:113 Resp: 343461

Ion Ratio Lower Upper

113 100

111 102.4 79.3 118.9

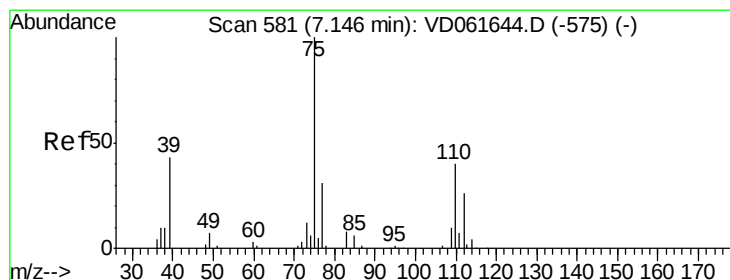
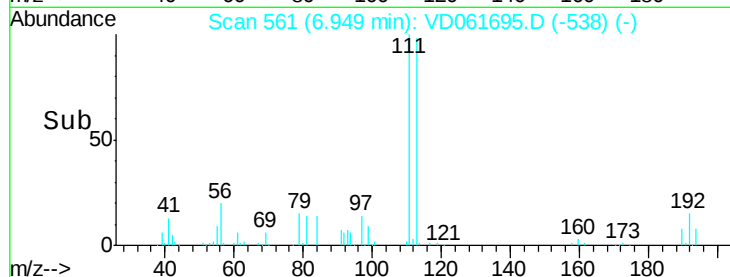
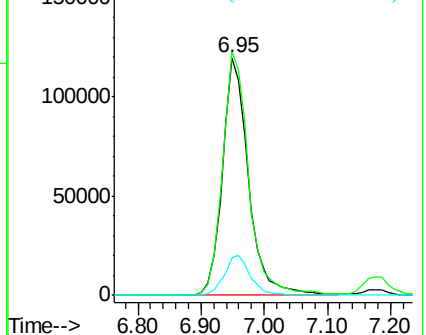
192 15.8 12.3 18.5



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: 43.170 ug/l

RT: 7.18 min Scan# 584

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

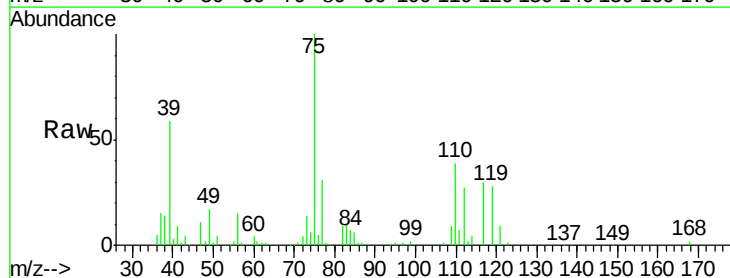
Tgt Ion: 75 Resp: 386804

Ion Ratio Lower Upper

75 100

110 39.3 19.7 59.0

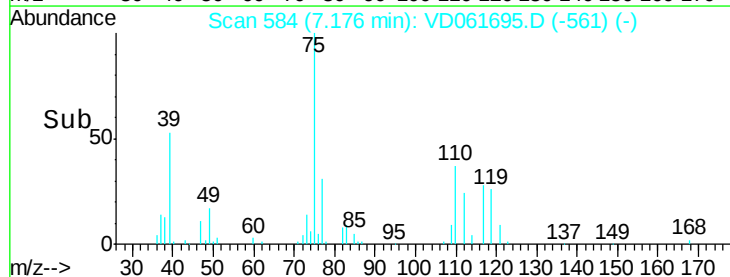
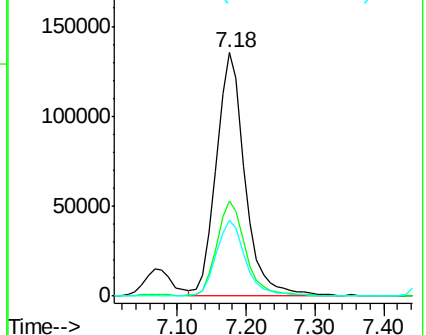
77 31.2 24.8 37.2

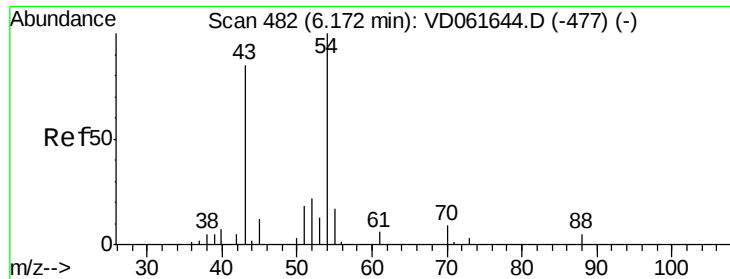


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

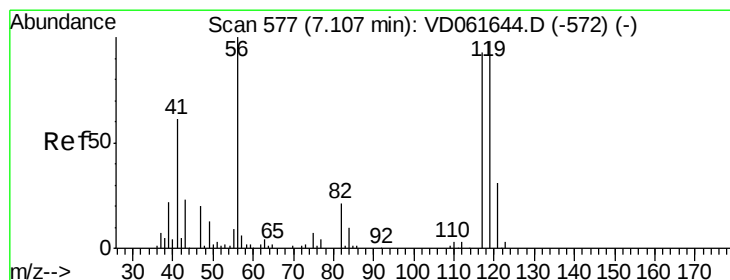
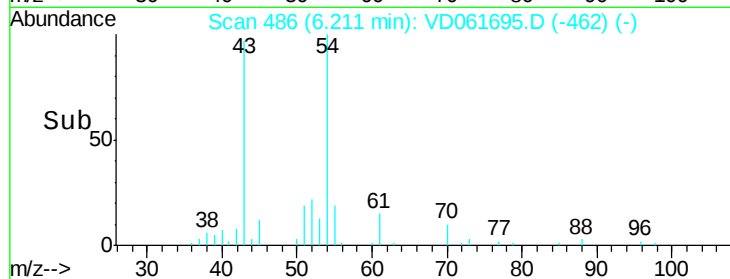
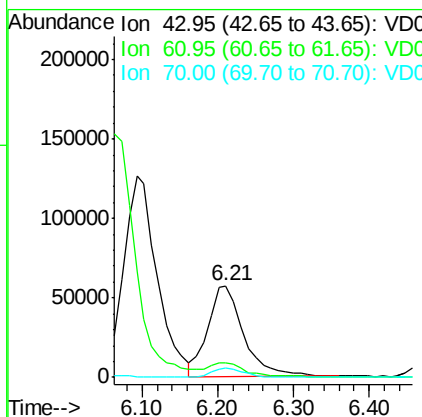
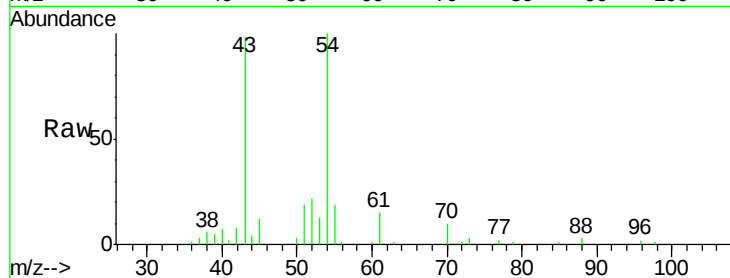




#37  
Ethyl Acetate  
Concen: 51.194 ug/l  
RT: 6.21 min Scan# 486  
Delta R.T. 0.04 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

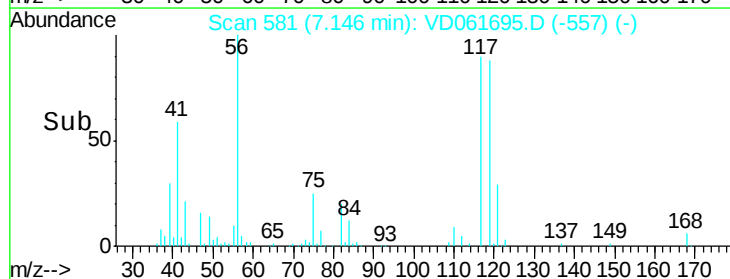
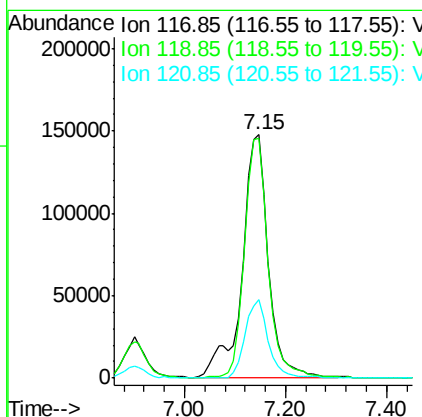
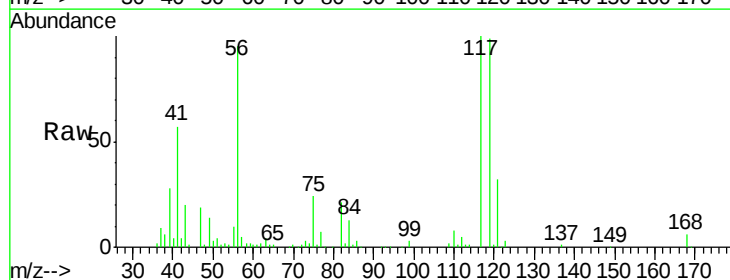
Instrument :  
MSVOA\_D  
ClientSampleId :

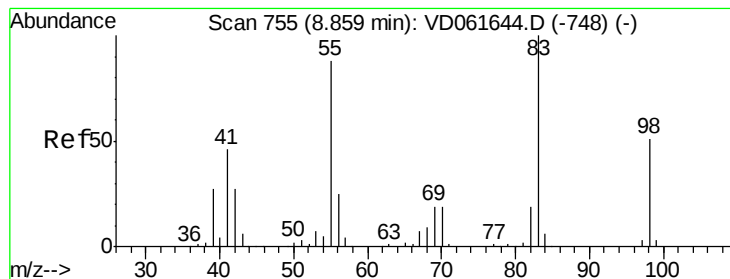
Tot Ion: 43 Resp: 186831  
Ion Ratio Lower Upper  
43 100  
61 15.7 11.9 17.9  
70 10.6 6.9 10.3#



#38  
Carbon Tetrachloride  
Concen: 50.877 ug/l  
RT: 7.15 min Scan# 581  
Delta R.T. 0.04 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Tgt Ion: 117 Resp: 534261  
Ion Ratio Lower Upper  
117 100  
119 98.7 77.9 116.9  
121 32.4 24.7 37.1





#39

Methvlcvclohexane

Concen: 42.506 ug/l

RT: 8.89 min Scan# 758

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampled :

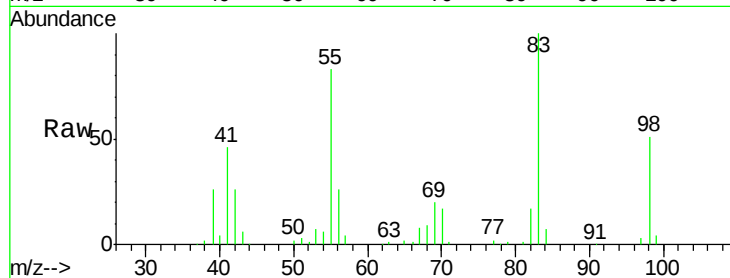
Tot Ion: 83 Resp: 391007

Ion Ratio Lower Upper

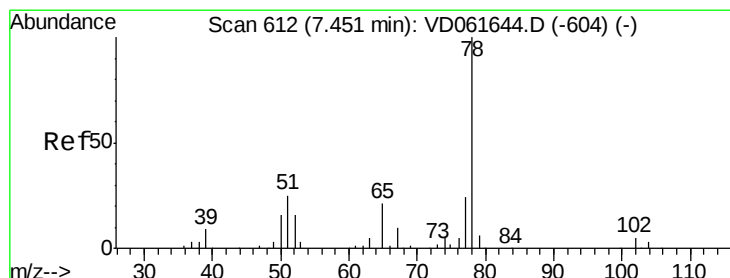
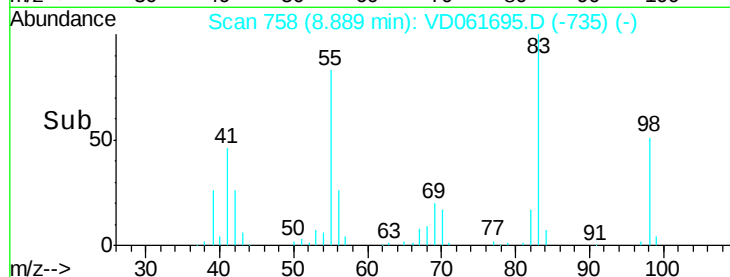
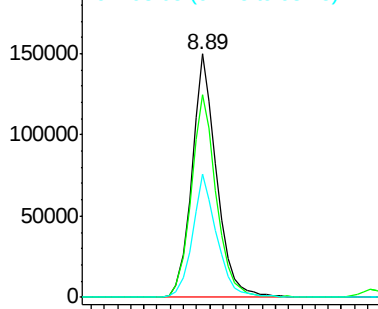
83 100

55 83.5 70.3 105.5

98 50.5 41.0 61.6



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: 49.253 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.03 min

Lab File: VD061695.D

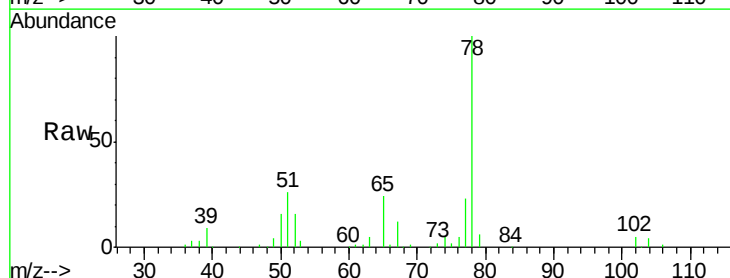
Acq: 10 Apr 2019 2:03

Tgt Ion: 78 Resp: 1064639

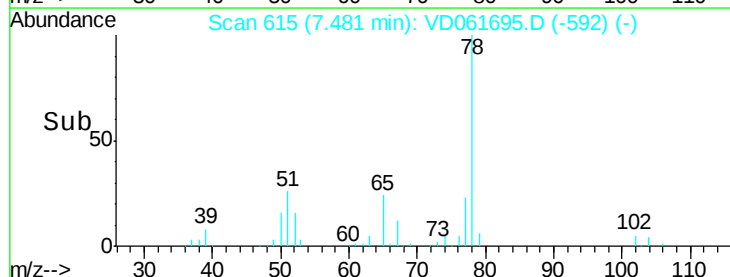
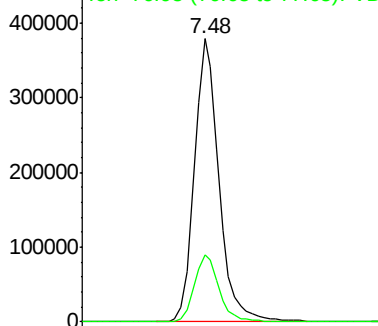
Ion Ratio Lower Upper

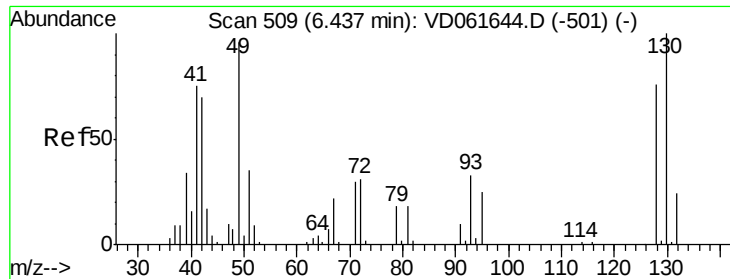
78 100

77 23.5 19.5 29.3



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

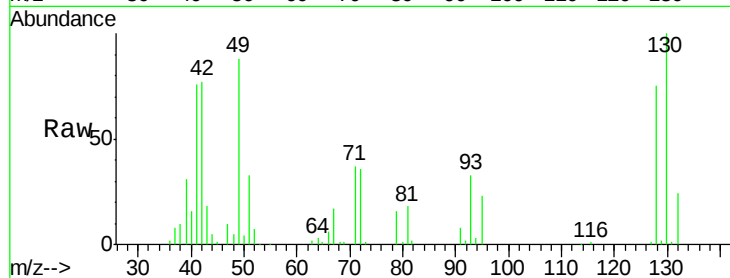




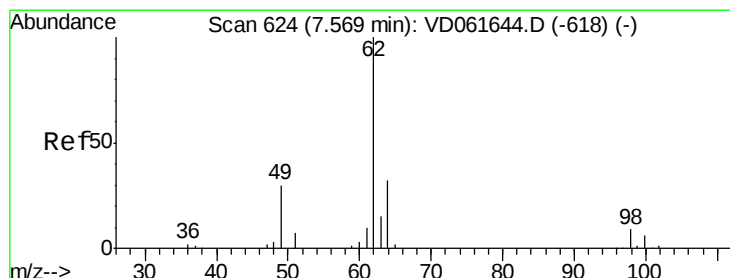
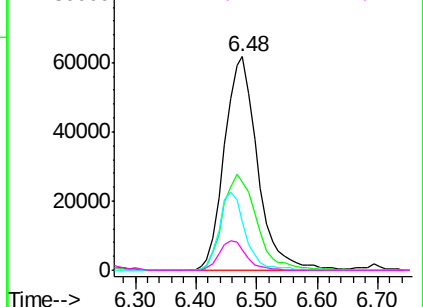
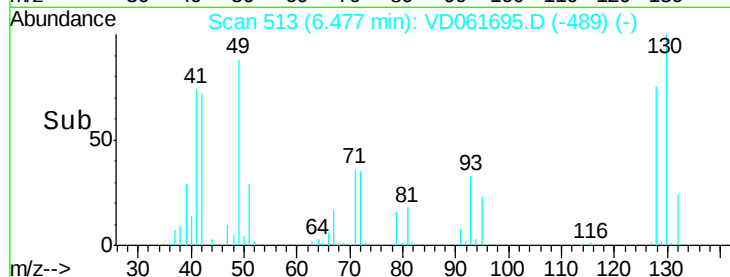
#41  
Methacrylonitrile  
Concen: 55.082 ug/l  
RT: 6.48 min Scan# 513  
Delta R.T. 0.04 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 41 Resp: 234665  
Ion Ratio Lower Upper  
41 100  
39 41.2 36.2 54.2  
67 22.9 23.2 34.8#  
52 9.5 10.0 15.0#

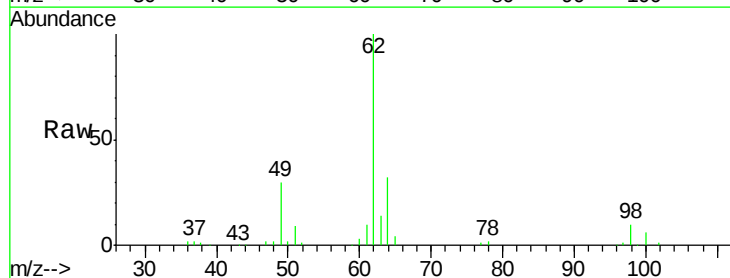


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

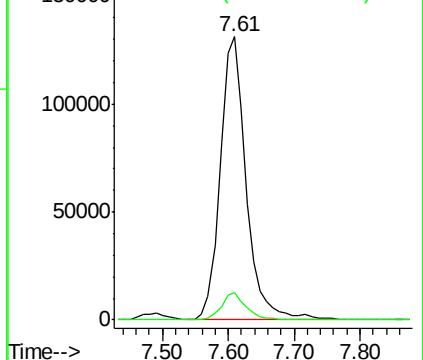
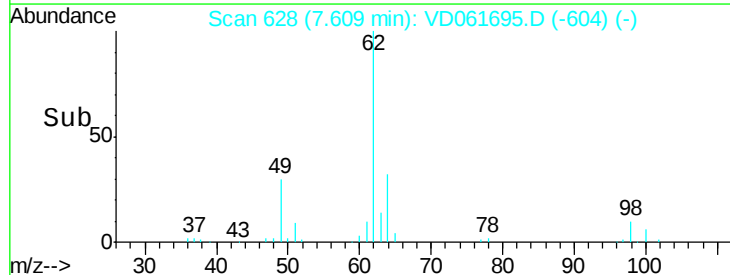


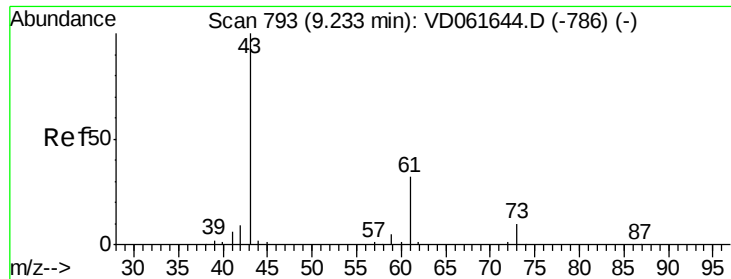
#42  
1,2-Dichloroethane  
Concen: 52.928 ug/l  
RT: 7.61 min Scan# 628  
Delta R.T. 0.04 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Tgt Ion: 62 Resp: 359802  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 17.8



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



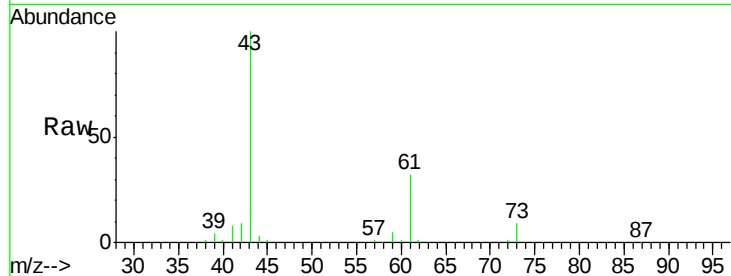


#43

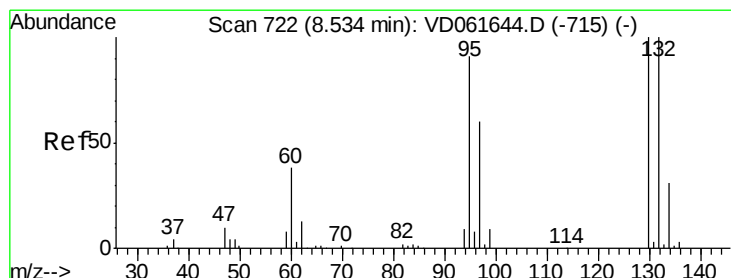
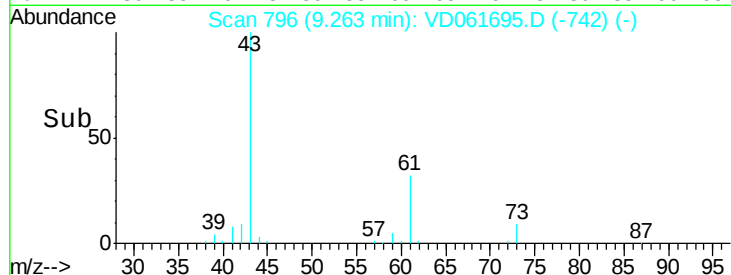
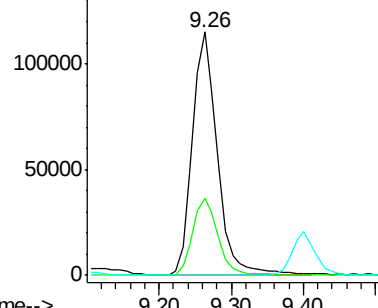
Isopropyl Acetate  
 Concen: 52.151 ug/l  
 RT: 9.26 min Scan# 796  
 Delta R.T. 0.03 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 43 Resp: 276221  
 Ion Ratio Lower Upper  
 43 100  
 61 31.6 25.9 38.9  
 87 0.3 0.2 0.4



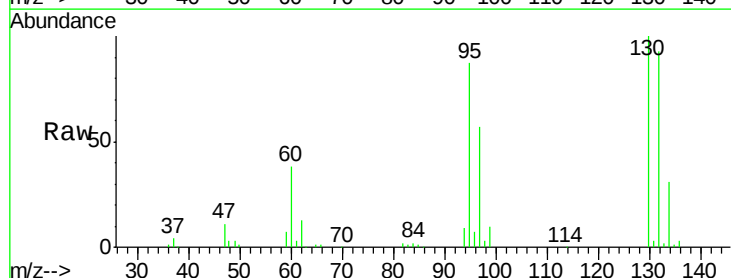
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



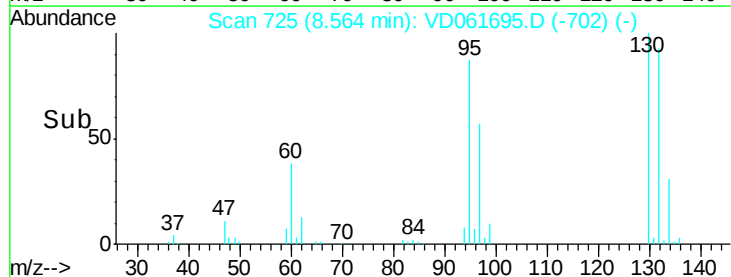
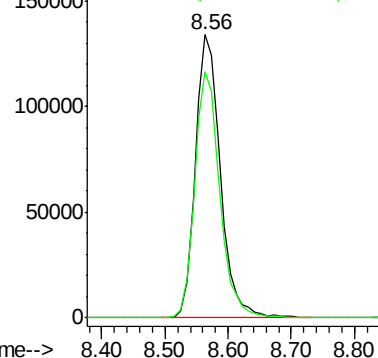
#44

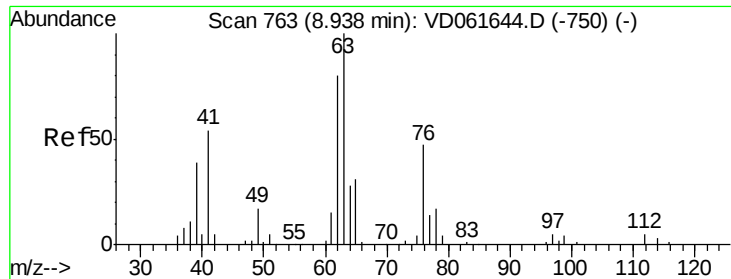
Trichloroethene  
 Concen: 44.288 ug/l  
 RT: 8.56 min Scan# 725  
 Delta R.T. 0.03 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Tgt Ion:130 Resp: 367002  
 Ion Ratio Lower Upper  
 130 100  
 95 87.0 0.0 181.8



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





#45

1,2-Dichloropropane

Concen: 47.111 ug/l

RT: 8.97 min Scan# 766

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

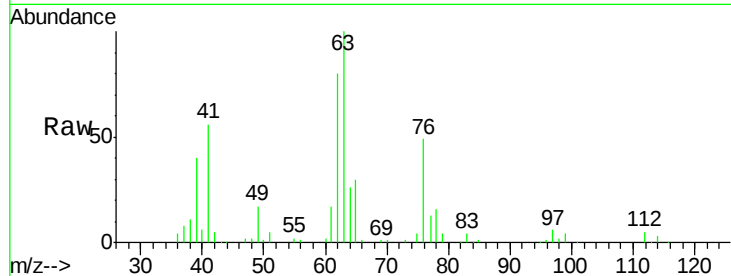
ClientSampleId :

Tot Ion: 63 Resp: 252543

Ion Ratio Lower Upper

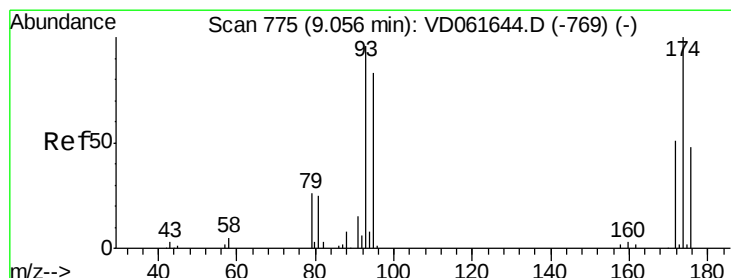
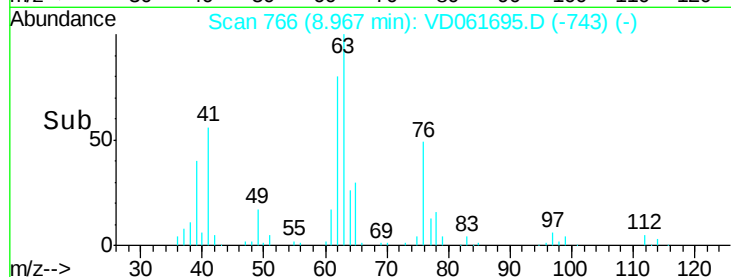
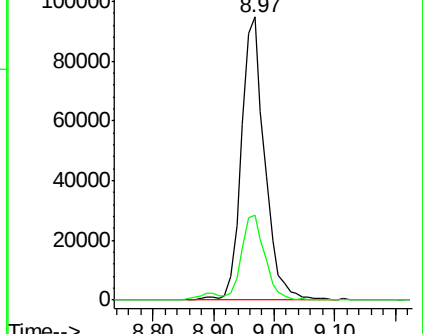
63 100

65 30.2 24.5 36.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 51.510 ug/l

RT: 9.09 min Scan# 778

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

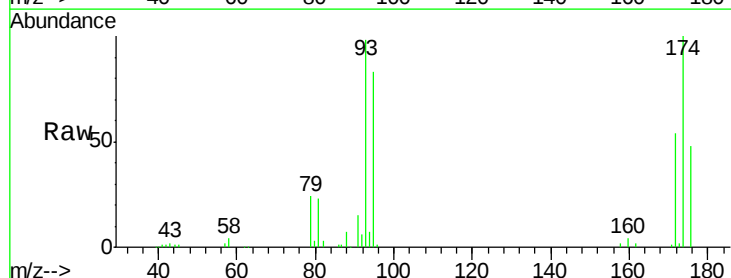
Tgt Ion: 93 Resp: 197346

Ion Ratio Lower Upper

93 100

95 84.9 68.6 103.0

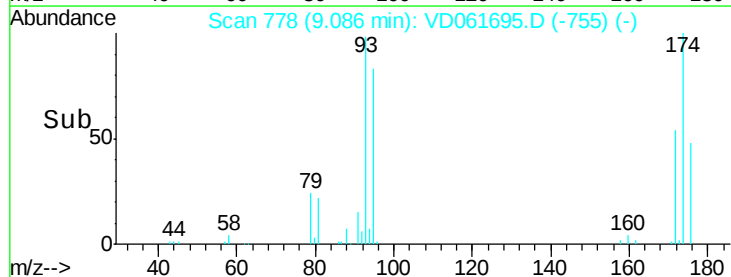
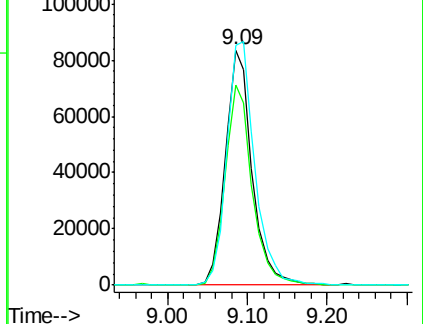
174 102.1 83.0 124.4



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 53.742 ug/l

RT: 9.40 min Scan# 810

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampled :

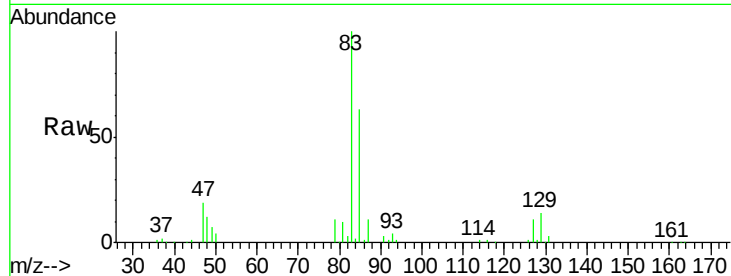
Tot Ion: 83 Resp: 452202

Ion Ratio Lower Upper

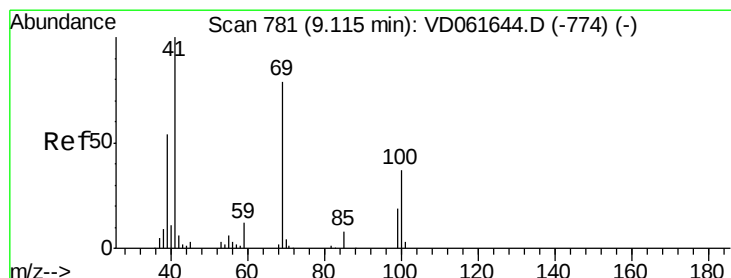
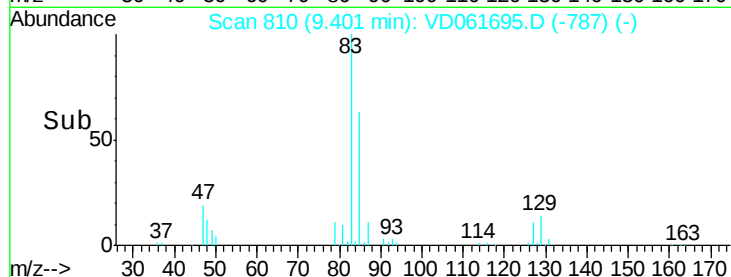
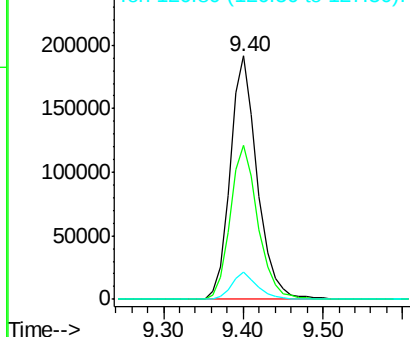
83 100

85 63.4 51.8 77.6

127 11.2 9.0 13.6



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



#48

Methyl methacrylate

Concen: 52.393 ug/l

RT: 9.14 min Scan# 784

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

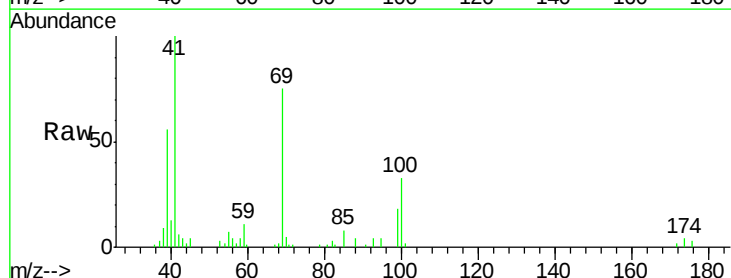
Tgt Ion: 41 Resp: 159959

Ion Ratio Lower Upper

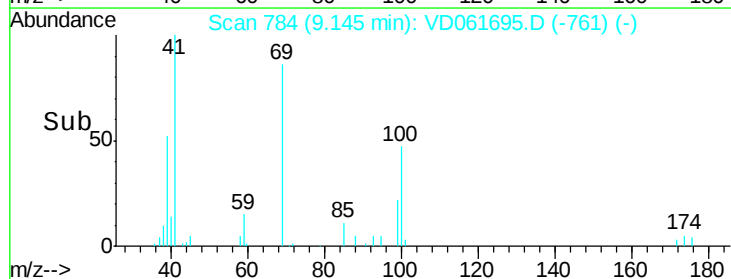
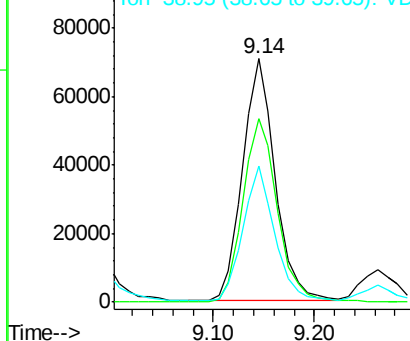
41 100

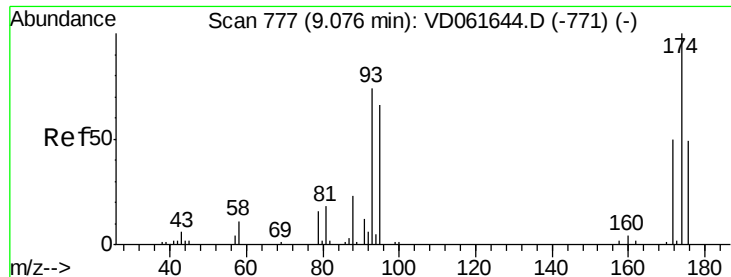
69 75.2 63.1 94.7

39 55.9 43.8 65.8



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

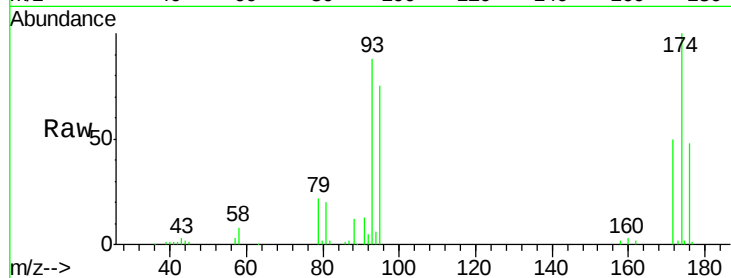




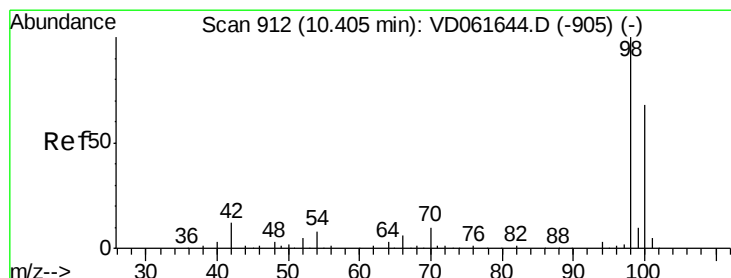
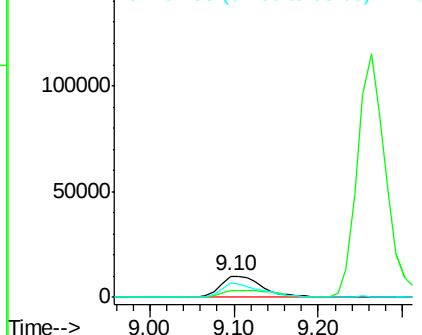
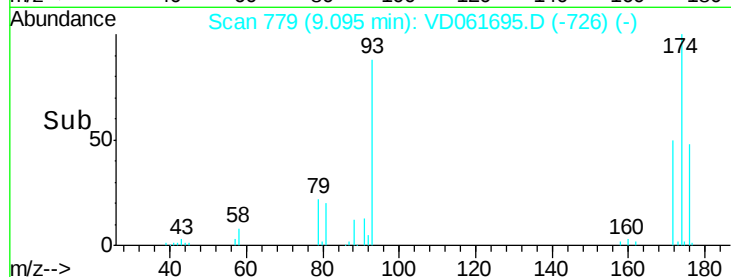
#49  
1,4-Dioxane  
Concen: 1023.986 ug/l  
RT: 9.10 min Scan# 779  
Delta R.T. 0.02 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 88 Resp: 34508  
Ion Ratio Lower Upper  
88 100  
43 28.9 21.8 32.8  
58 67.6 40.2 60.2#

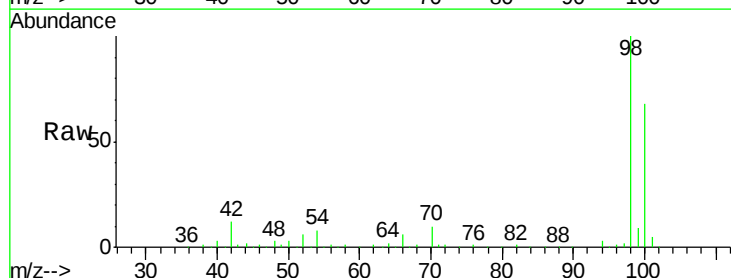


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

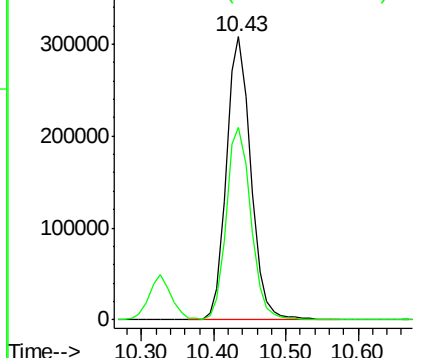
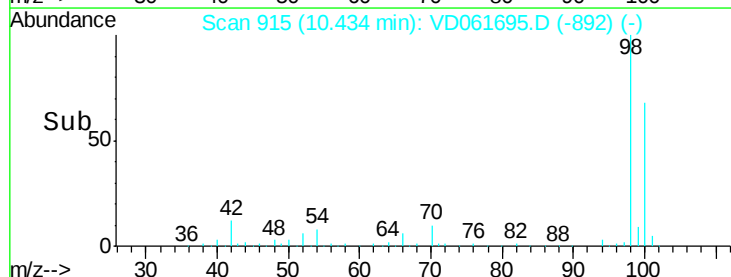


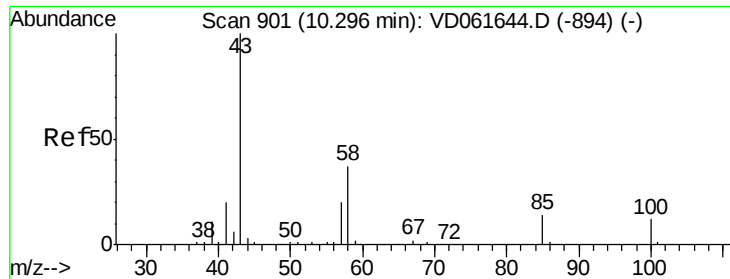
#50  
Toluene-d8  
Concen: 1023.986 ug/l  
RT: 10.43 min Scan# 915  
Delta R.T. 0.03 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Tgt Ion: 98 Resp: 725596  
Ion Ratio Lower Upper  
98 100  
100 68.2 55.4 83.0



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: 268.639 ug/l

RT: 10.33 min Scan# 904

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

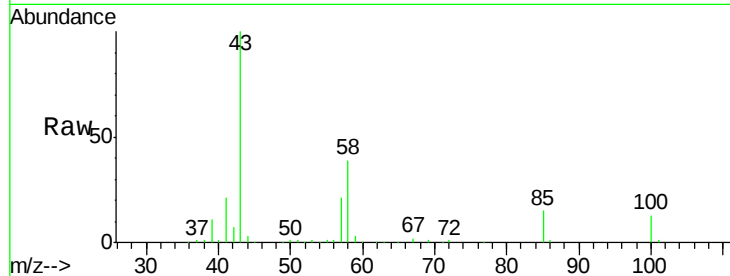
ClientSampleId :

Tot Ion: 43 Resp: 841465

Ion Ratio Lower Upper

43 100

58 38.7 29.8 44.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.33

400000

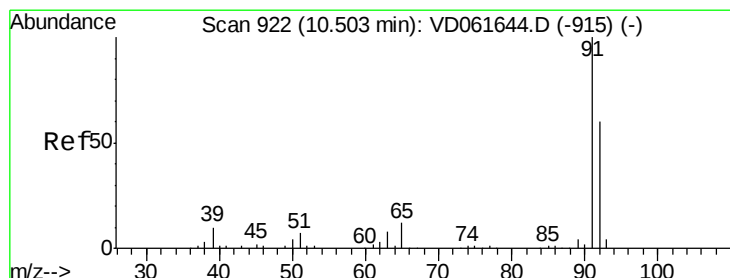
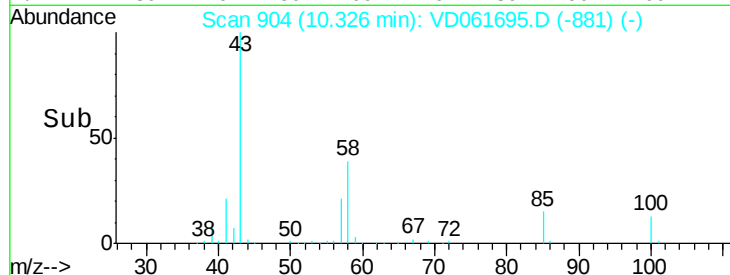
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.140 ug/l

RT: 10.53 min Scan# 925

Delta R.T. 0.03 min

Lab File: VD061695.D

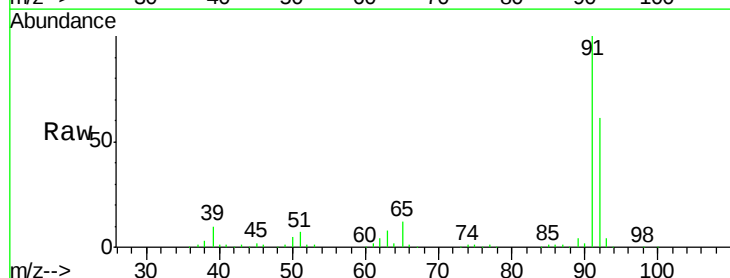
Acq: 10 Apr 2019 2:03

Tgt Ion: 92 Resp: 663285

Ion Ratio Lower Upper

92 100

91 164.8 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.53

500000

400000

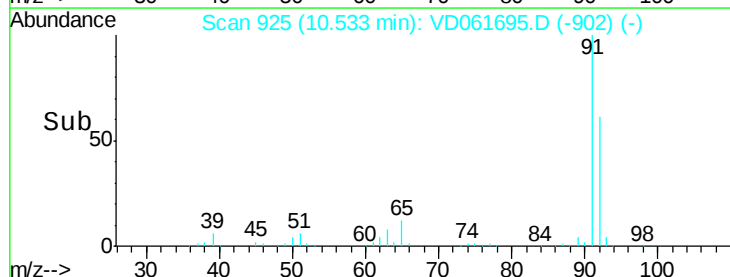
300000

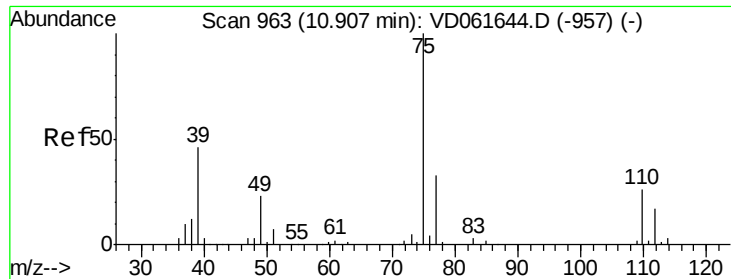
200000

100000

0

Time-->

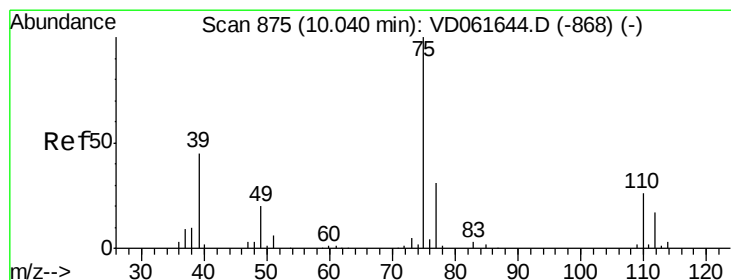
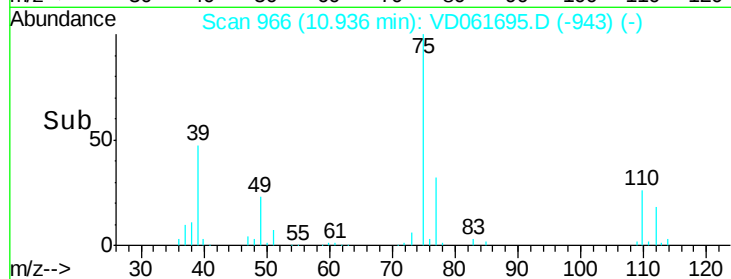
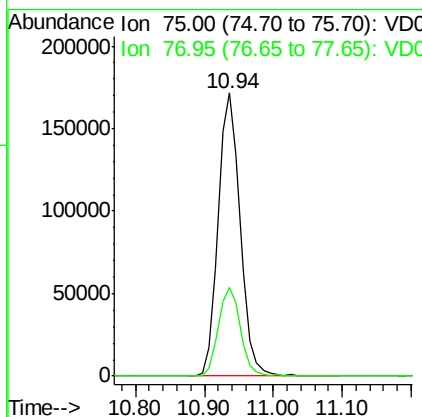
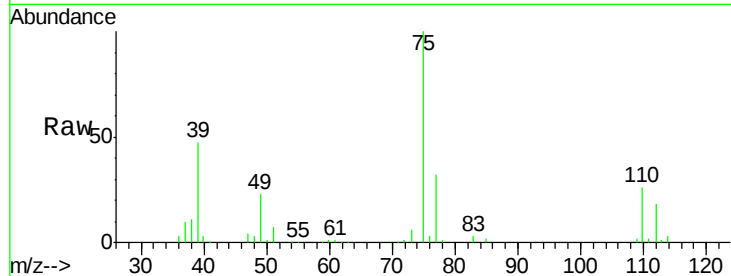




#53  
 t-1,3-Dichloropropene  
 Concen: 51.195 ug/l  
 RT: 10.94 min Scan# 966  
 Delta R.T. 0.03 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

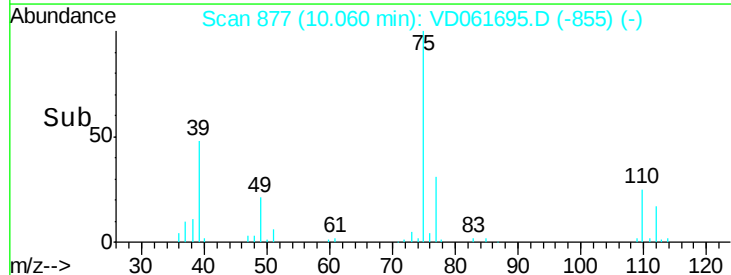
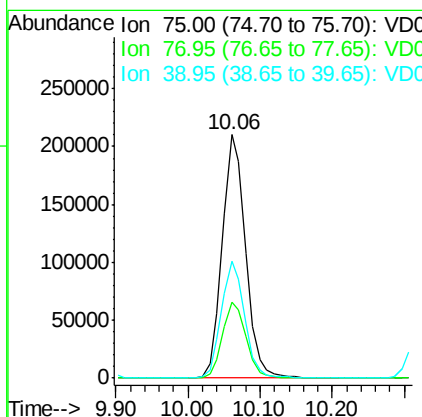
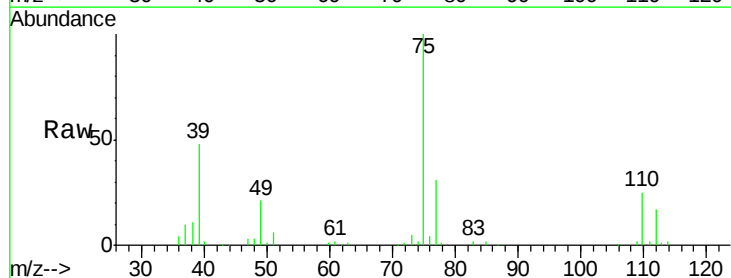
Instrument :  
 MSVOA\_D  
 ClientSampleId :

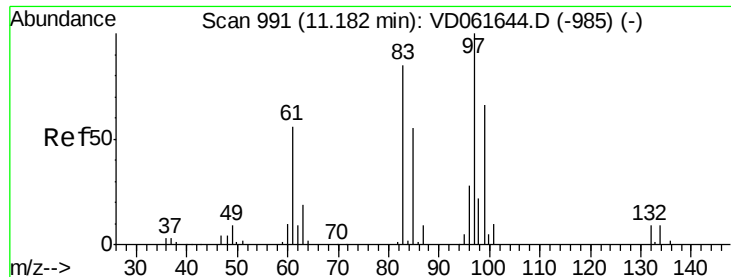
Tot Ion: 75 Resp: 377602  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 26.2 39.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.786 ug/l  
 RT: 10.06 min Scan# 877  
 Delta R.T. 0.02 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Tgt Ion: 75 Resp: 470856  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 24.6 37.0  
 39 48.2 36.2 54.2

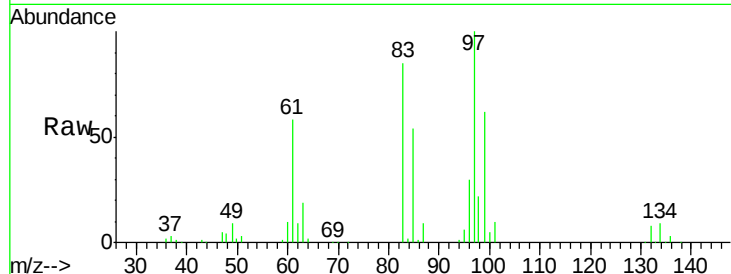




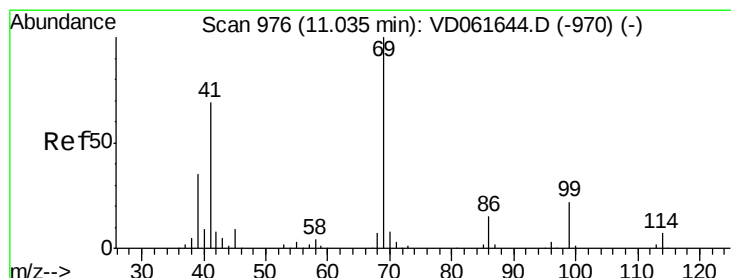
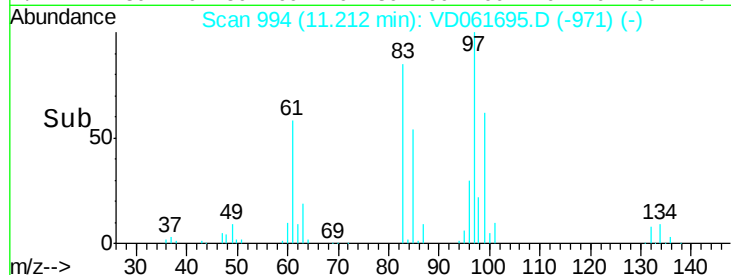
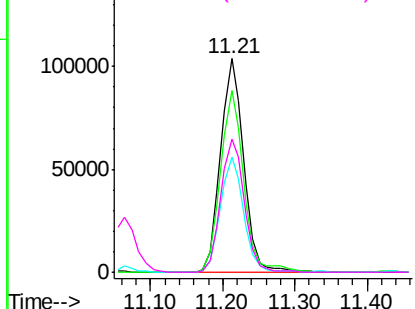
#55  
 1,1,2-Trichloroethane  
 Concen: 50.349 ug/l  
 RT: 11.21 min Scan# 994  
 Delta R.T. 0.03 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 229209 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.0  | 67.8  | 101.6  |
| 85       | 53.7  | 43.8  | 65.8   |
| 99       | 62.1  | 52.8  | 79.2   |

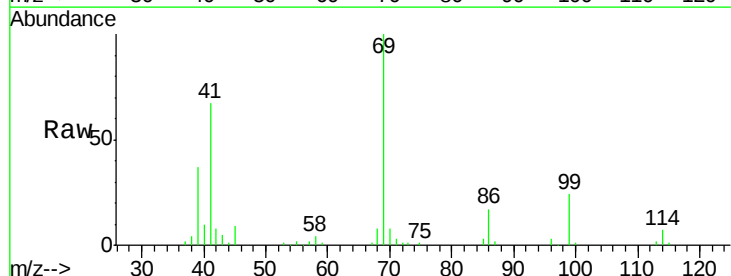


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

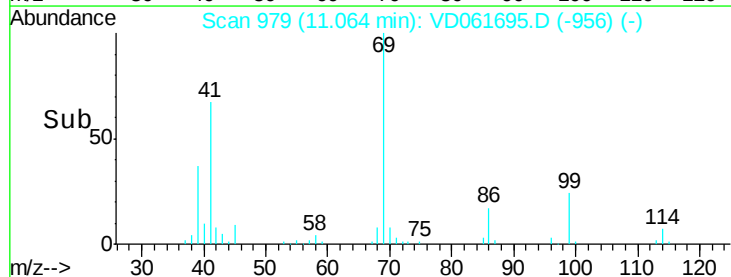
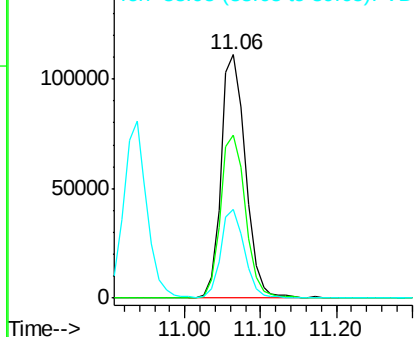


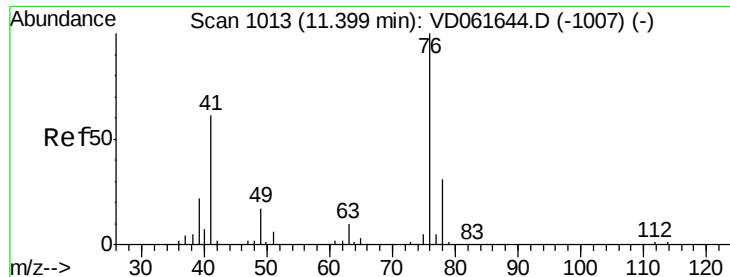
#56  
 Ethyl methacrylate  
 Concen: 51.768 ug/l  
 RT: 11.06 min Scan# 979  
 Delta R.T. 0.03 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 248616 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.1  | 55.2  | 82.8   |
| 39       | 36.6  | 28.6  | 43.0   |



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

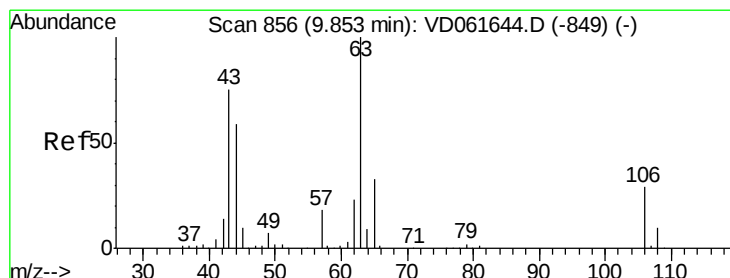
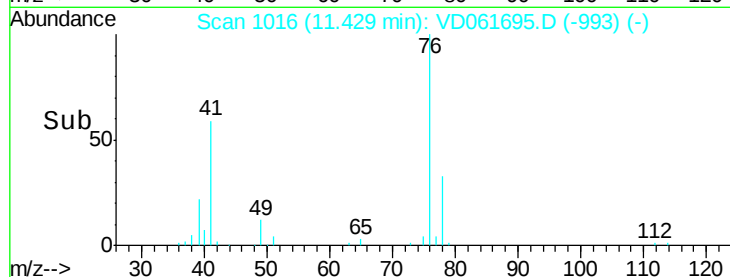
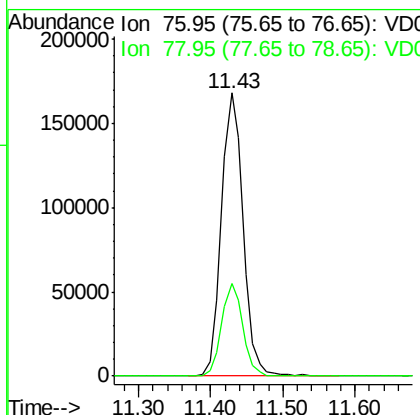
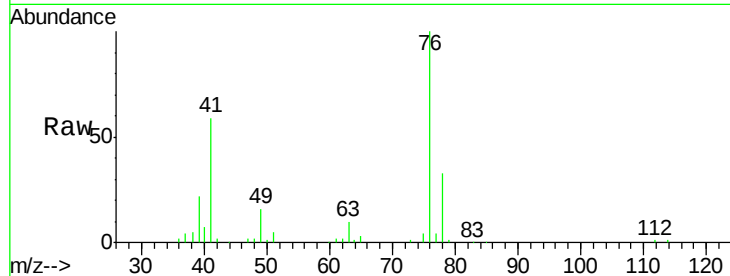




#57  
 1,3-Dichloropropane  
 Concen: 52.338 ug/l  
 RT: 11.43 min Scan# 1016  
 Delta R.T. 0.03 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

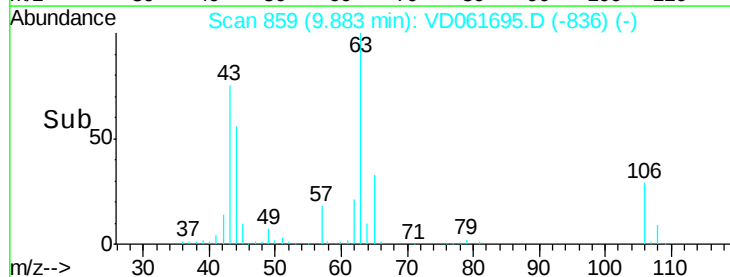
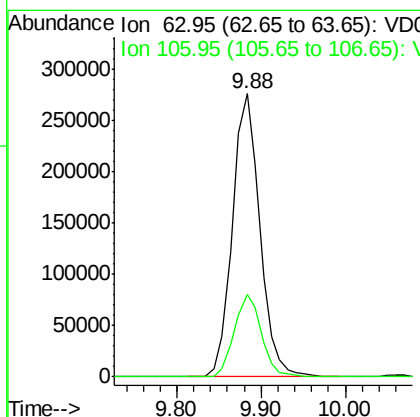
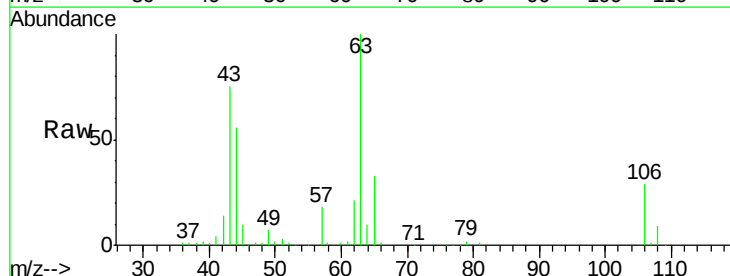
Instrument :  
 MSVOA\_D  
 ClientSampleID :

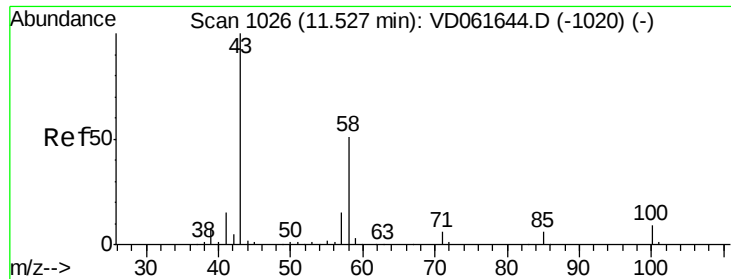
Tot Ion: 76 Resp: 348928  
 Ion Ratio Lower Upper  
 76 100  
 78 32.8 24.5 36.7



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 276.231 ug/l  
 RT: 9.88 min Scan# 859  
 Delta R.T. 0.03 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Tgt Ion: 63 Resp: 625945  
 Ion Ratio Lower Upper  
 63 100  
 106 28.9 23.0 34.6

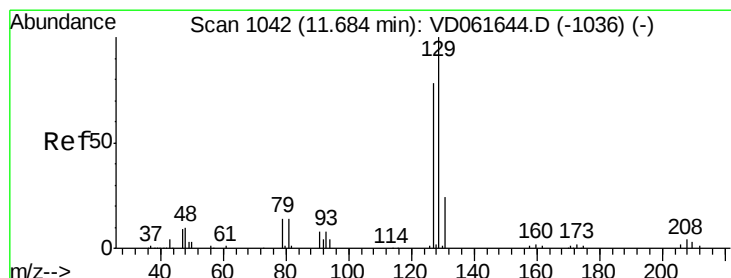
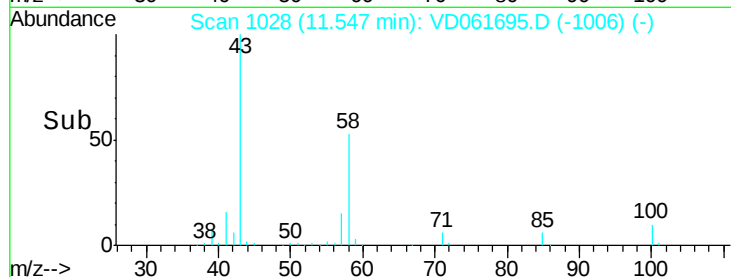
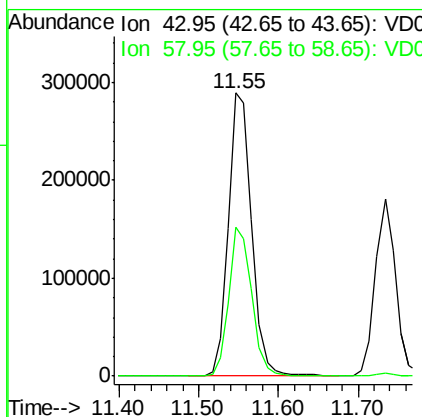
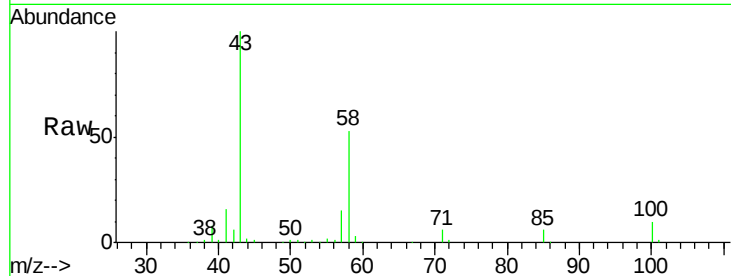




#59  
2-Hexanone  
Concen: 244.651 ug/l  
RT: 11.55 min Scan# 1028  
Delta R.T. 0.02 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

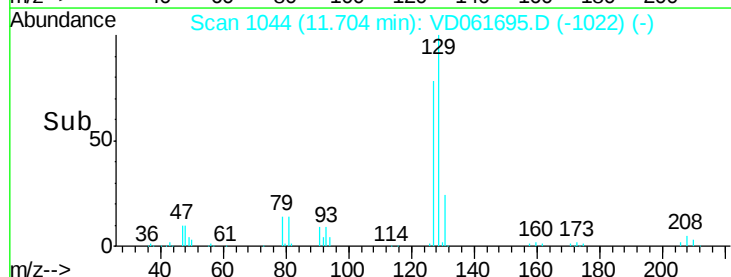
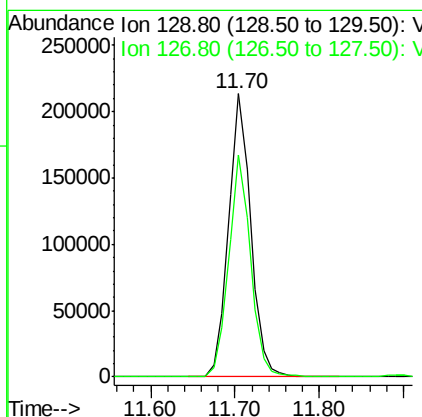
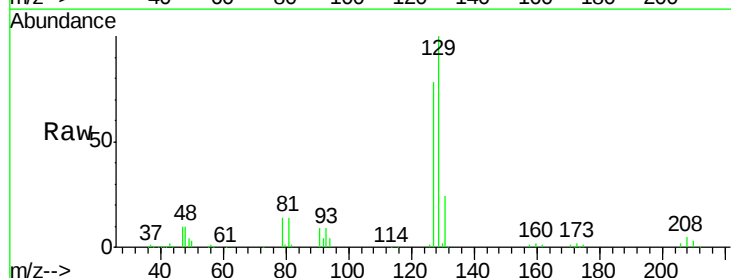
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 594731  
Ion Ratio Lower Upper  
43 100  
58 52.5 25.6 76.8



#60  
Dibromochloromethane  
Concen: 54.419 ug/l  
RT: 11.70 min Scan# 1044  
Delta R.T. 0.02 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Tgt Ion: 129 Resp: 391401  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.8 116.4

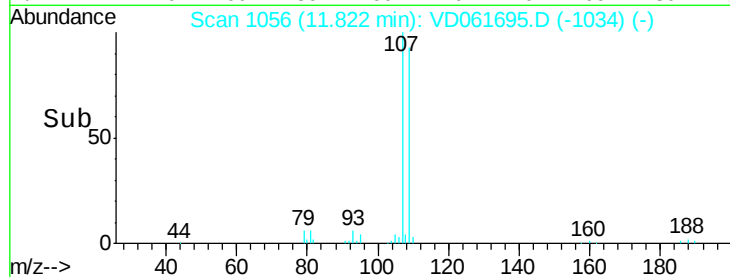
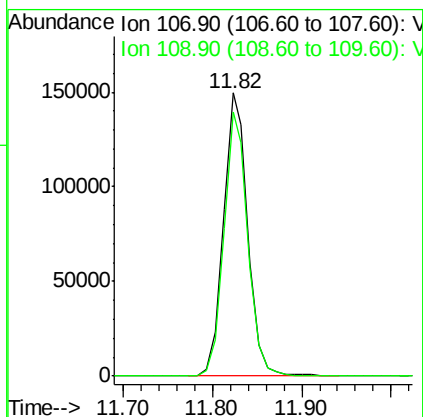
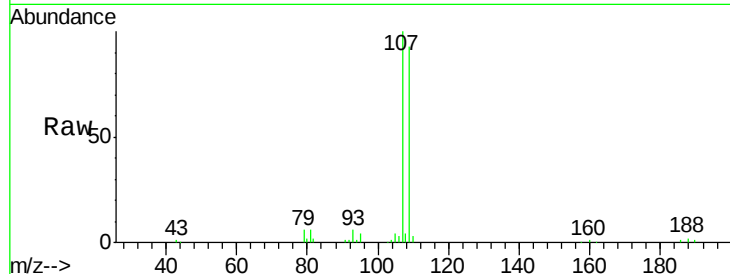




#61  
 1,2-Dibromoethane  
 Concen: 53.663 ug/l  
 RT: 11.82 min Scan# 1056  
 Delta R.T. 0.02 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

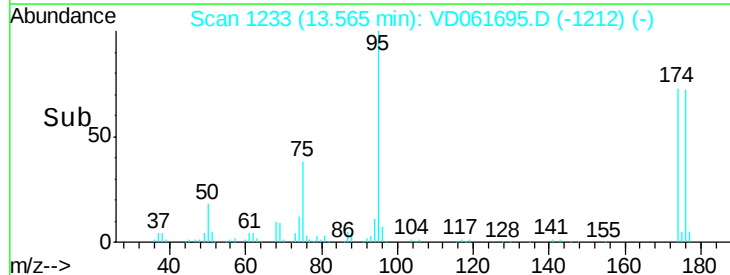
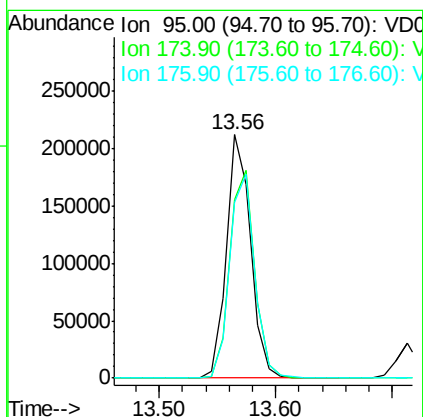
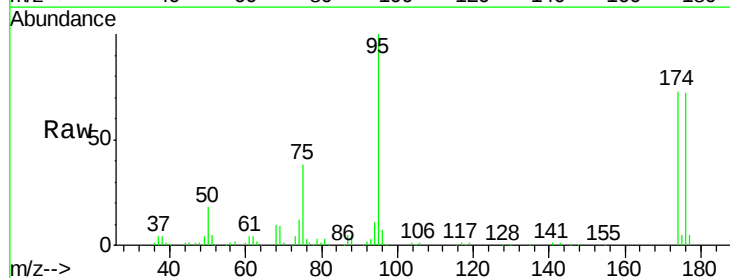
Instrument :  
 MSVOA\_D  
 ClientSampleId :

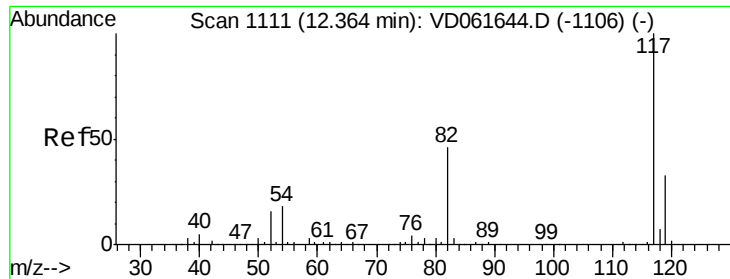
Tot Ion: 107 Resp: 285697  
 Ion Ratio Lower Upper  
 107 100  
 109 93.2 79.2 118.8



#62  
 4-Bromofluorobenzene  
 Concen: 53.663 ug/l  
 RT: 13.56 min Scan# 1233  
 Delta R.T. 0.01 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Tgt Ion: 95 Resp: 303462  
 Ion Ratio Lower Upper  
 95 100  
 174 73.5 0.0 164.6  
 176 71.9 0.0 165.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampleId :

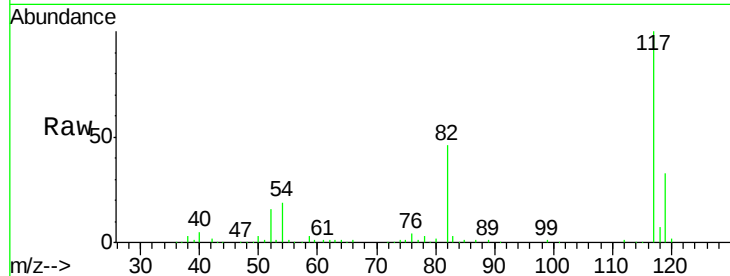
Tot Ion:117 Resp: 818065

Ion Ratio Lower Upper

117 100

82 46.2 36.8 55.2

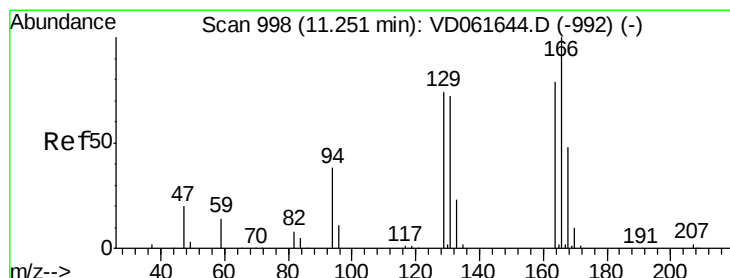
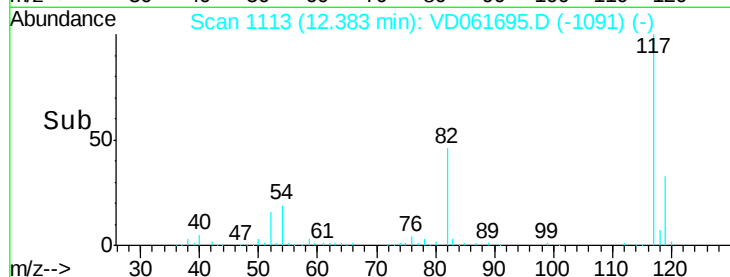
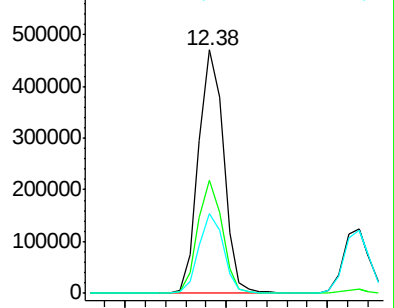
119 32.7 26.1 39.1



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#64

Tetrachloroethene

Concen: 46.726 ug/l

RT: 11.28 min Scan# 1001

Delta R.T. 0.03 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Tgt Ion:164 Resp: 296713

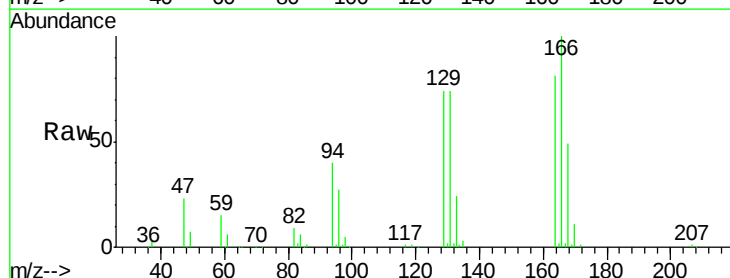
Ion Ratio Lower Upper

164 100

166 123.2 101.8 152.8

129 91.2 75.4 113.0

131 90.9 73.6 110.4

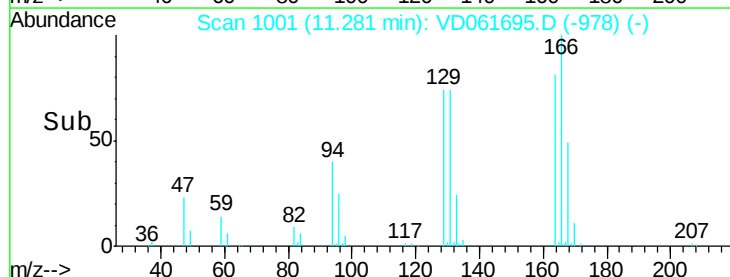
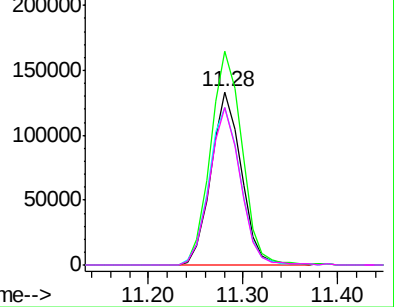


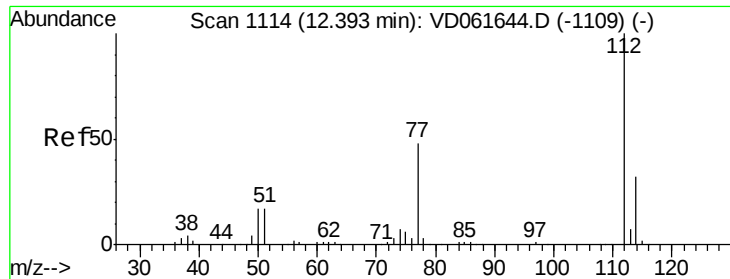
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

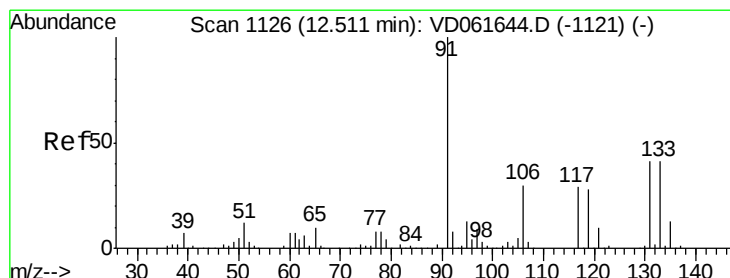
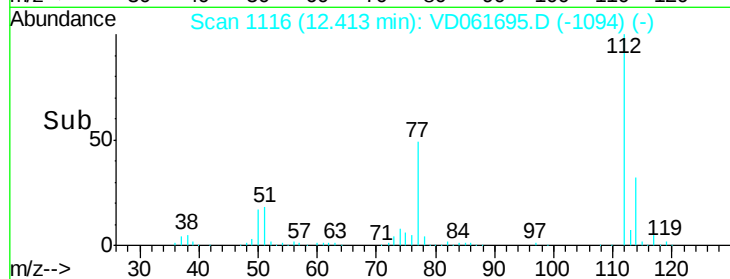
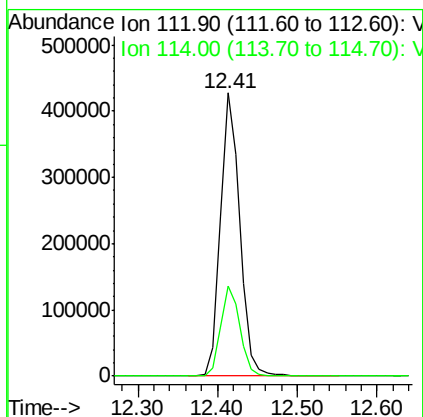
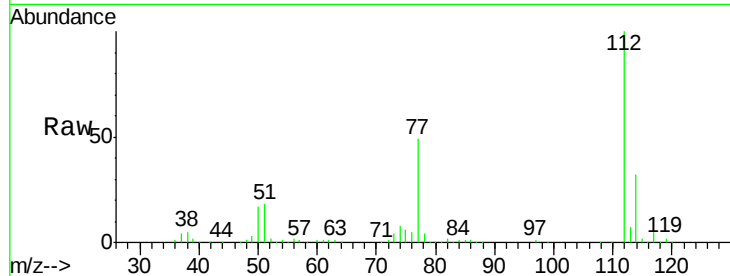




#65  
Chlorobenzene  
Concen: 45.399 ug/l  
RT: 12.41 min Scan# 1116  
Delta R.T. 0.02 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

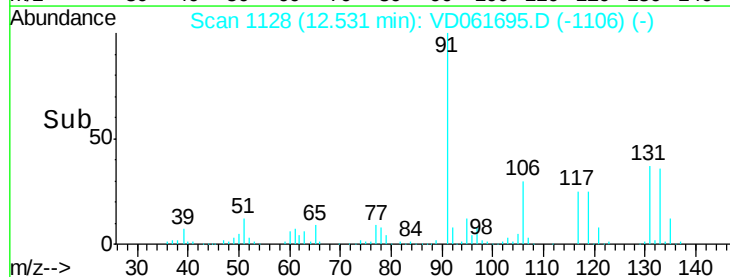
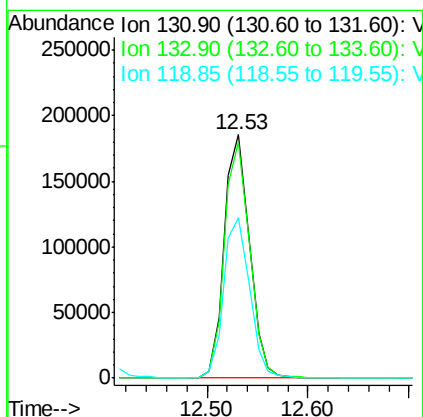
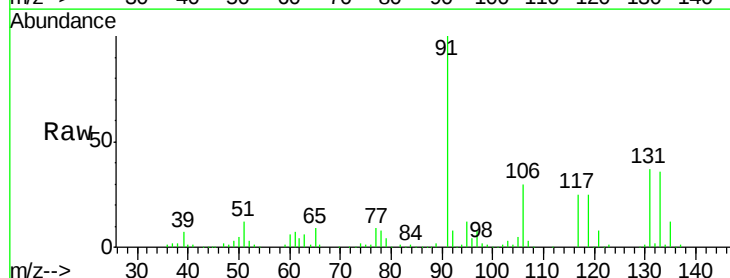
Instrument :  
MSVOA\_D  
ClientSampled :

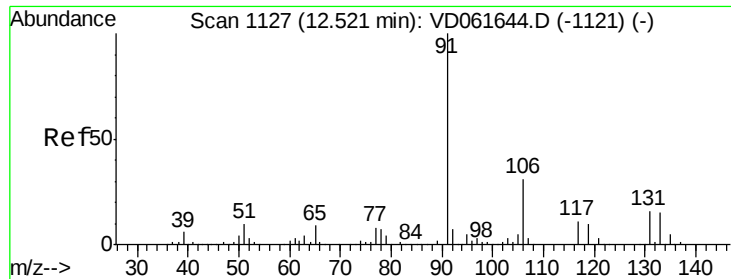
Tot Ion:112 Resp: 736522  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.867 ug/l  
RT: 12.53 min Scan# 1128  
Delta R.T. 0.02 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Tgt Ion:131 Resp: 323795  
Ion Ratio Lower Upper  
131 100  
133 96.8 49.5 148.3  
119 66.0 34.7 104.1

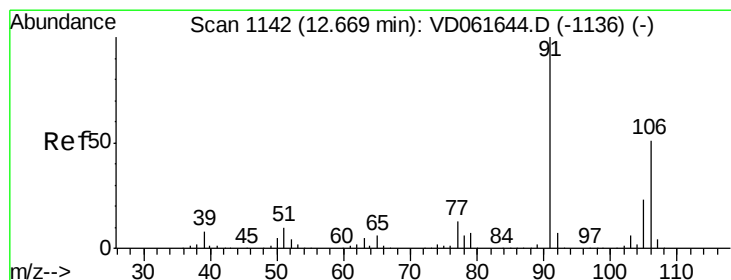
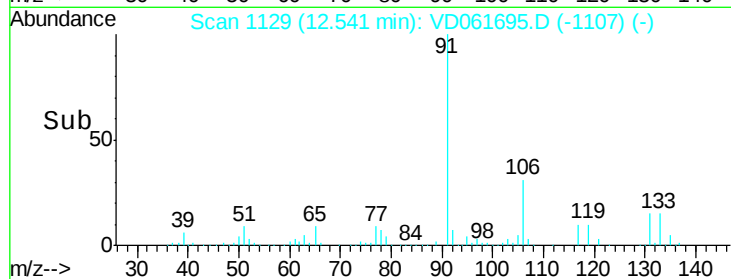
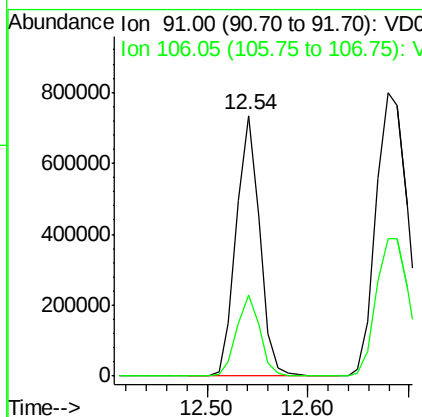
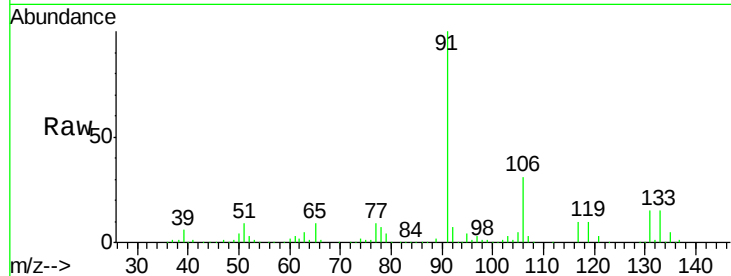




#67  
Ethyl Benzene  
Concen: 48.058 ug/l  
RT: 12.54 min Scan# 1129  
Delta R.T. 0.02 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

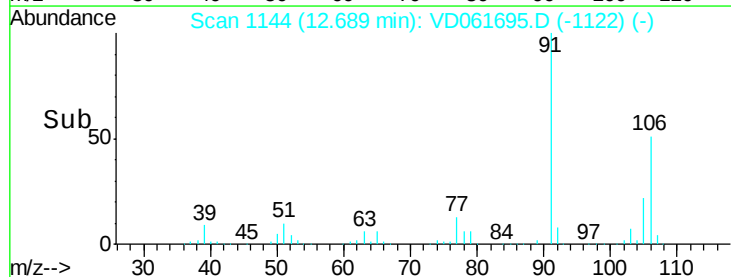
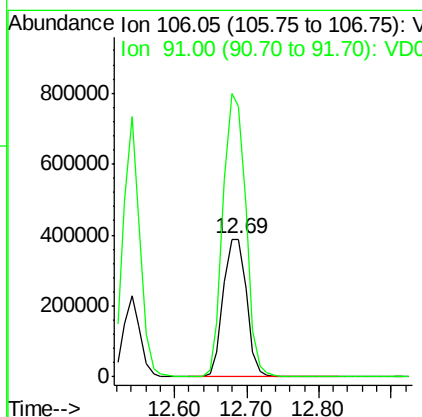
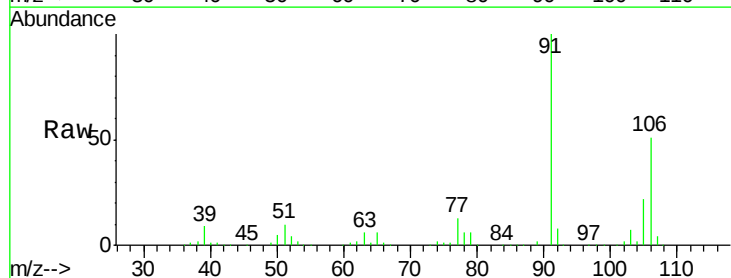
Instrument :  
MSVOA\_D  
ClientSampled :

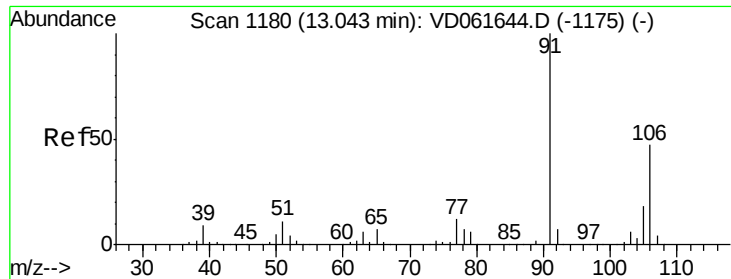
Tot Ion: 91 Resp: 1187245  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.6 37.0



#68  
m/p-Xylenes  
Concen: 91.063 ug/l  
RT: 12.69 min Scan# 1144  
Delta R.T. 0.02 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Tgt Ion: 106 Resp: 867296  
Ion Ratio Lower Upper  
106 100  
91 196.9 156.7 235.1

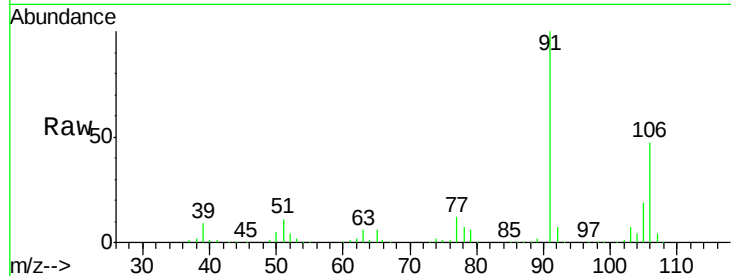




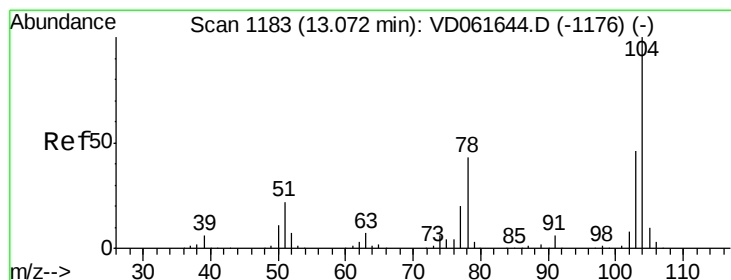
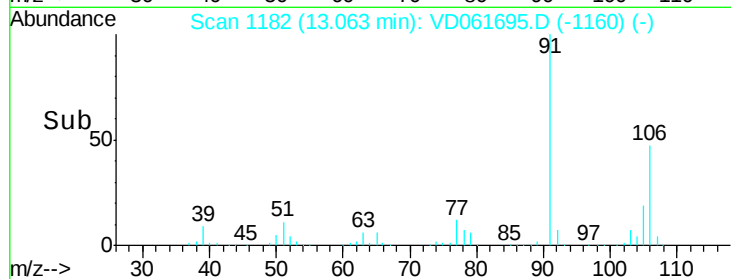
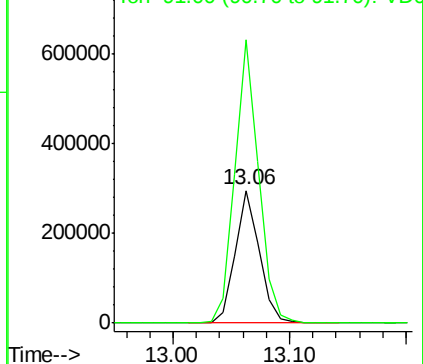
#69  
o-Xylene  
Concen: 46.224 ug/l  
RT: 13.06 min Scan# 1182  
Delta R.T. 0.02 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:106 Resp: 424965  
Ion Ratio Lower Upper  
106 100  
91 213.5 107.3 321.9

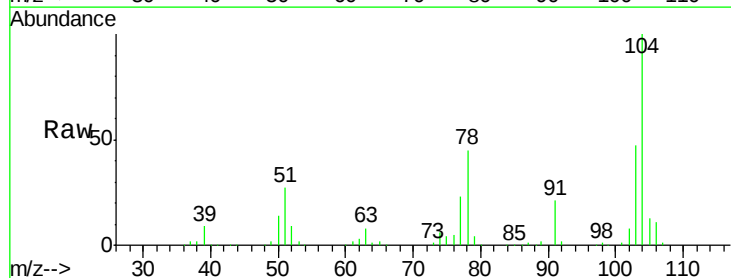


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

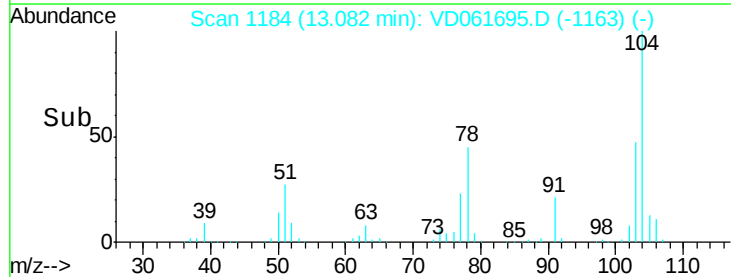
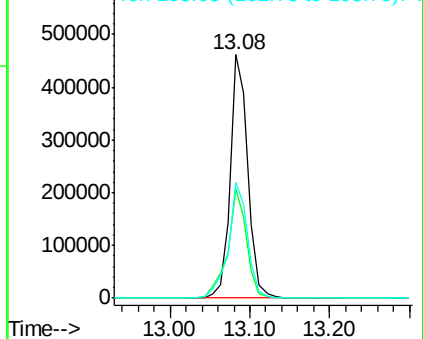


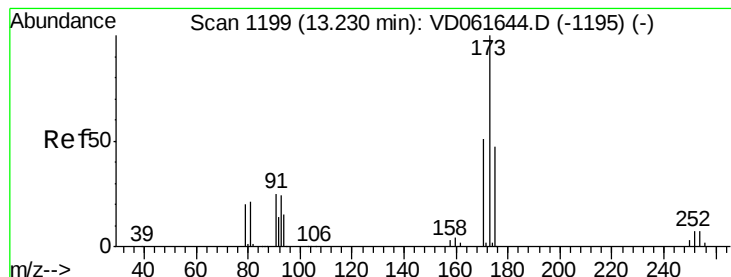
#70  
Styrene  
Concen: 45.429 ug/l  
RT: 13.08 min Scan# 1184  
Delta R.T. 0.01 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Tgt Ion:104 Resp: 713281  
Ion Ratio Lower Upper  
104 100  
78 44.7 34.2 51.4  
103 47.4 37.2 55.8



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: 53.801 ug/l

RT: 13.25 min Scan# 1201

Delta R.T. 0.02 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampleId :

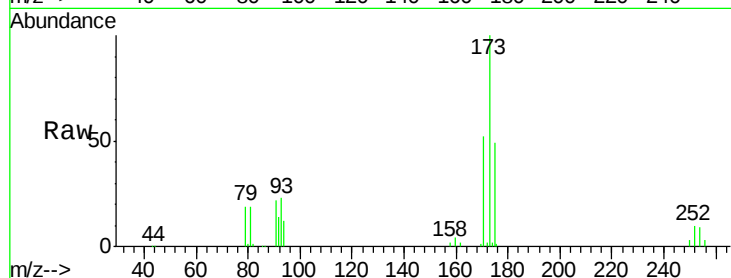
Tot Ion:173 Resp: 208393

Ion Ratio Lower Upper

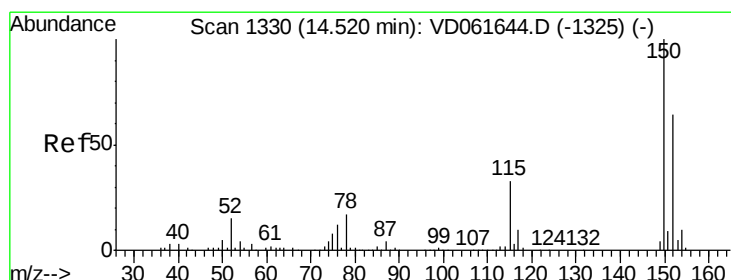
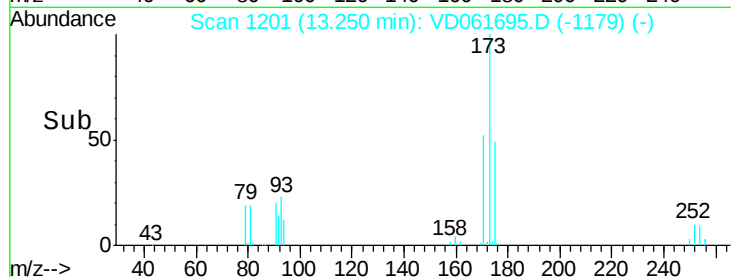
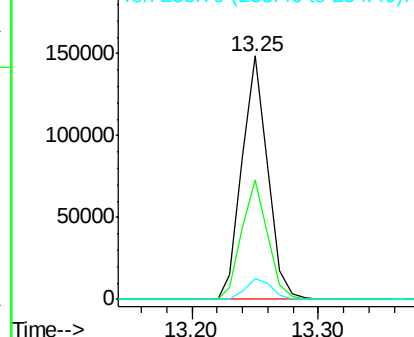
173 100

175 48.8 23.7 71.1

254 8.8 5.8 8.6#



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: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

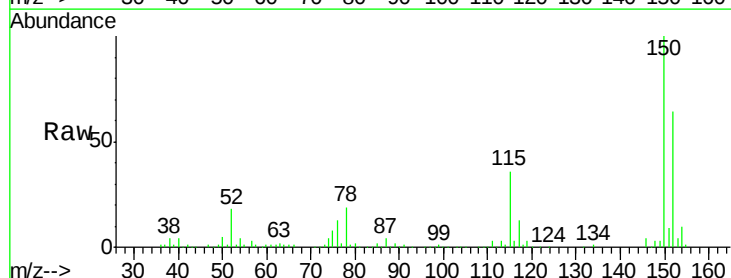
Tgt Ion:152 Resp: 370797

Ion Ratio Lower Upper

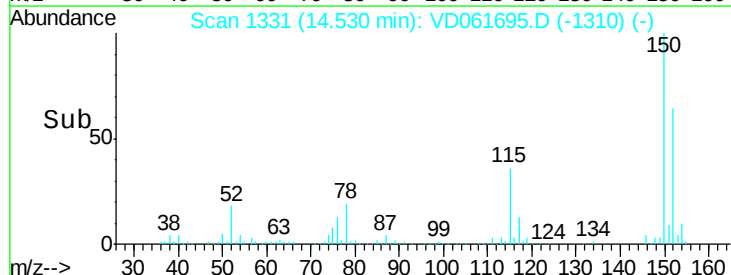
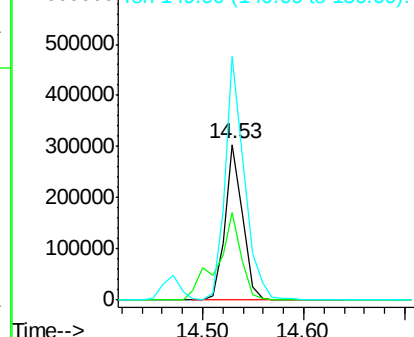
152 100

115 56.1 26.4 79.2

150 156.5 0.0 320.6



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: 48.894 ug/l

RT: 13.42 min Scan# 1218

Delta R.T. 0.02 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

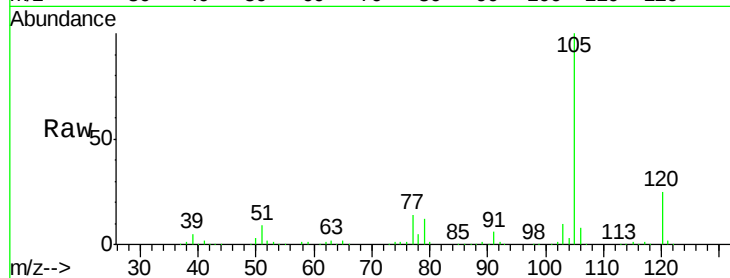
ClientSampleId :

Tot Ion:105 Resp: 1208003

Ion Ratio Lower Upper

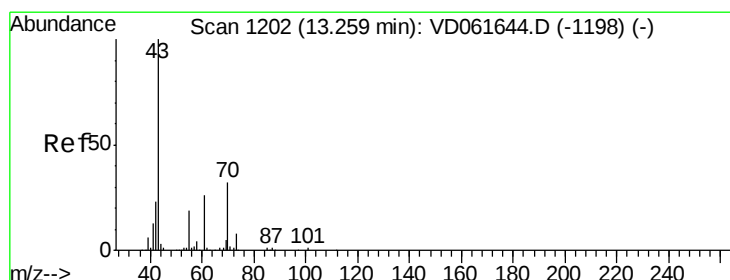
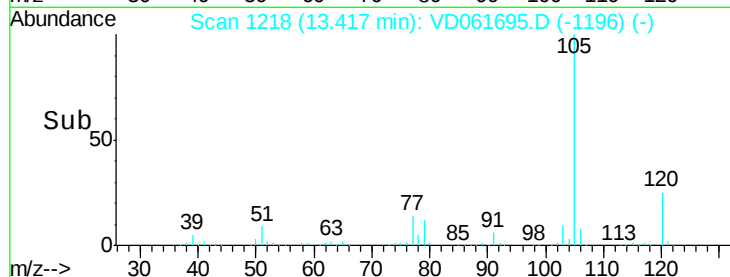
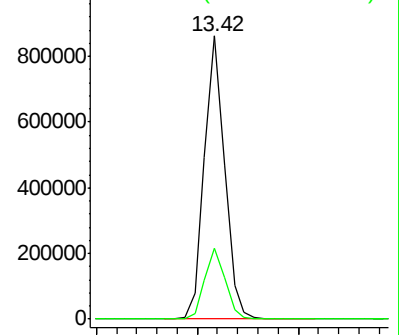
105 100

120 25.0 12.2 36.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 53.167 ug/l

RT: 13.28 min Scan# 1204

Delta R.T. 0.02 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Tgt Ion: 43 Resp: 356903

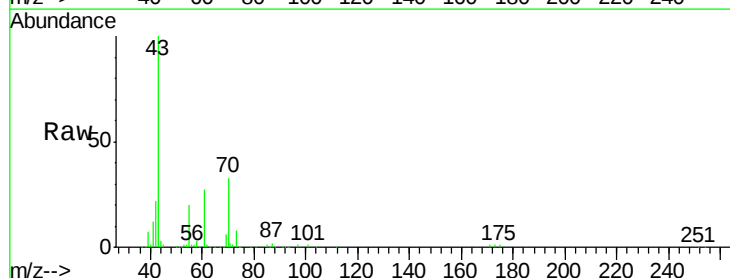
Ion Ratio Lower Upper

43 100

70 33.2 25.4 38.2

55 19.8 15.0 22.4

61 27.4 20.9 31.3

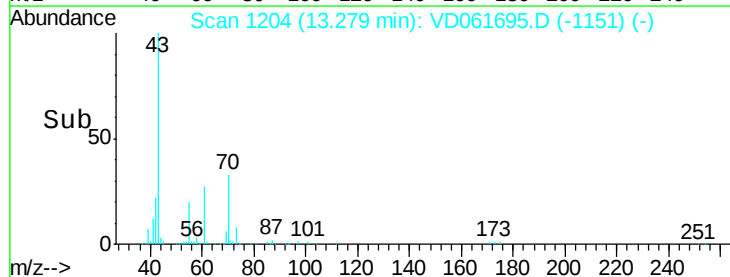
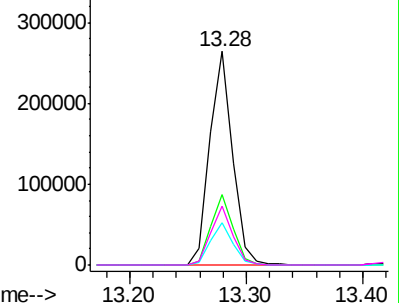


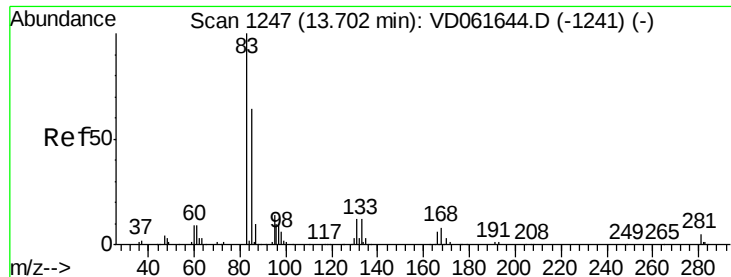
Abundance Ion 42.95 (42.65 to 43.65): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 52.360 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampleId :

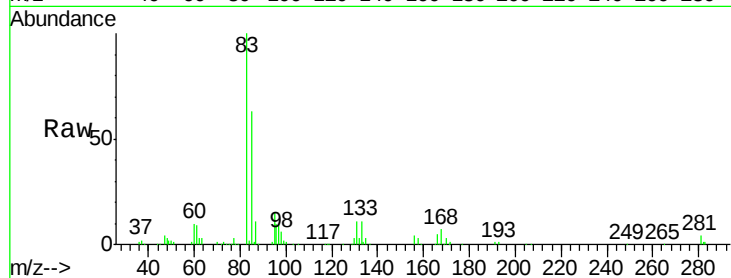
Tot Ion: 83 Resp: 267482

Ion Ratio Lower Upper

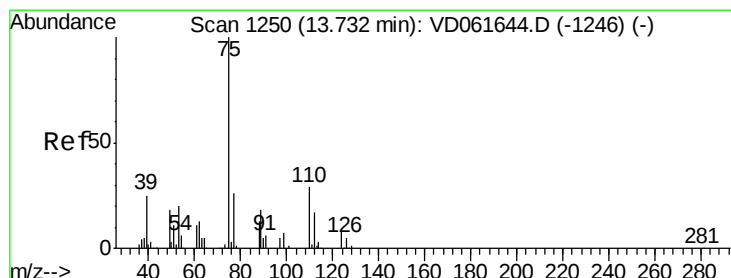
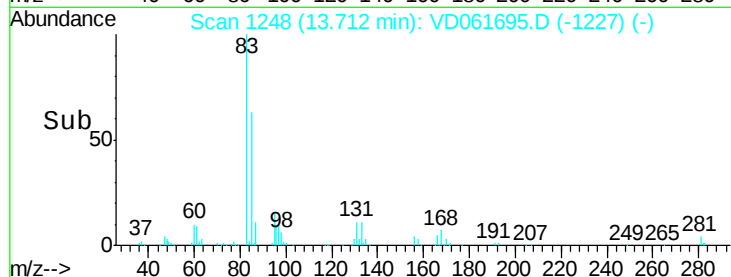
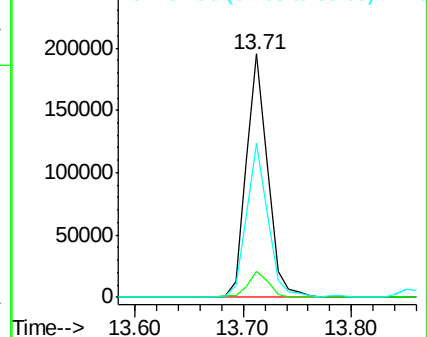
83 100

131 10.9 5.9 17.6

85 63.3 32.0 96.2



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: 53.000 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.01 min

Lab File: VD061695.D

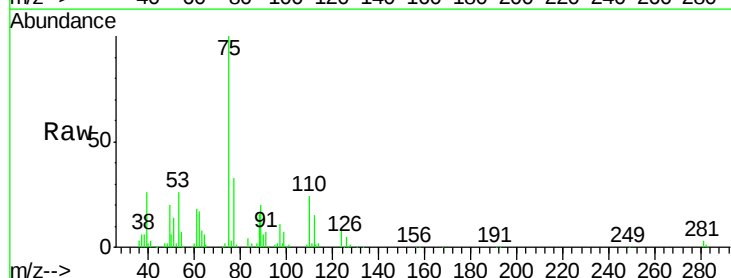
Acq: 10 Apr 2019 2:03

Tgt Ion: 75 Resp: 267371

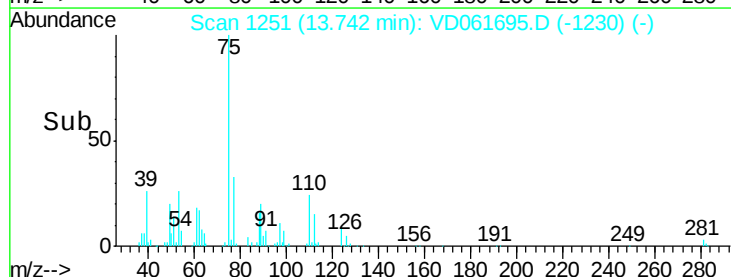
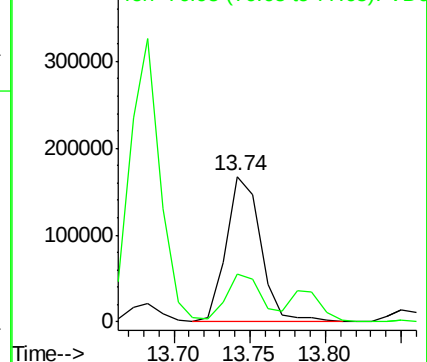
Ion Ratio Lower Upper

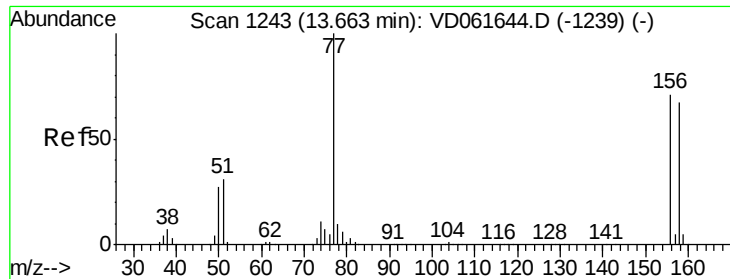
75 100

77 32.5 15.7 47.1



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





#77

Bromobenzene

Concen: 50.841 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. 0.02 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampleId :

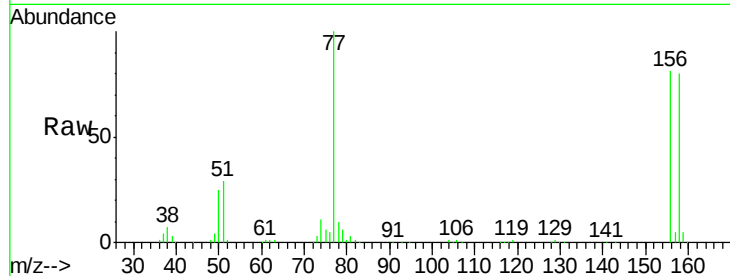
Tot Ion:156 Resp: 364602

Ion Ratio Lower Upper

156 100

77 123.3 70.3 210.8

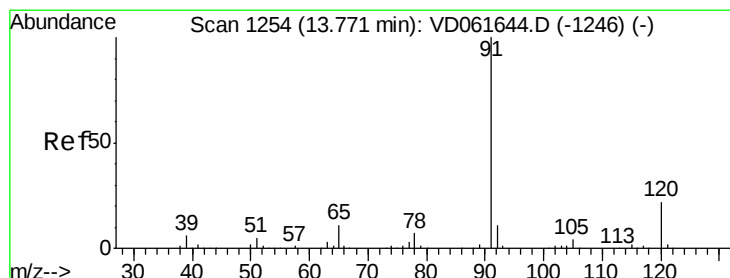
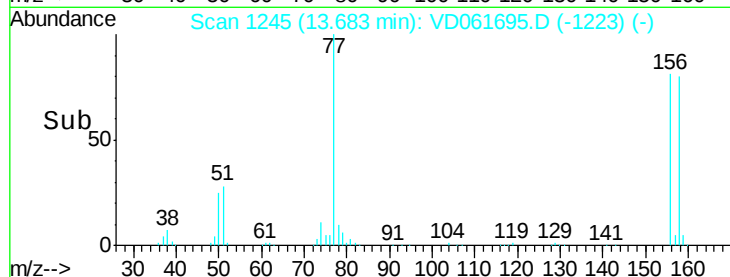
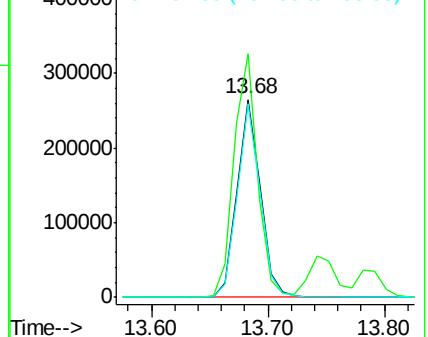
158 98.1 47.4 142.2



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: 50.081 ug/l

RT: 13.79 min Scan# 1256

Delta R.T. 0.02 min

Lab File: VD061695.D

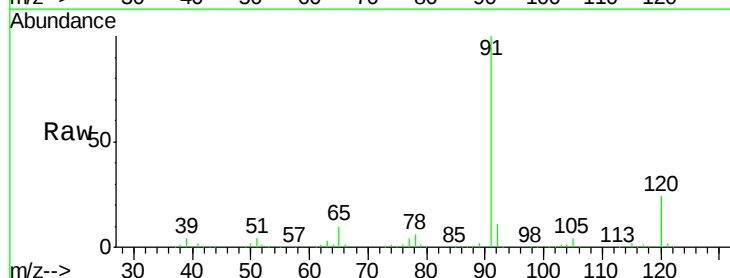
Acq: 10 Apr 2019 2:03

Tgt Ion: 91 Resp: 1480092

Ion Ratio Lower Upper

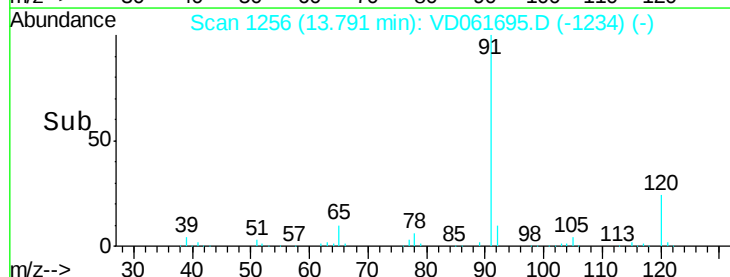
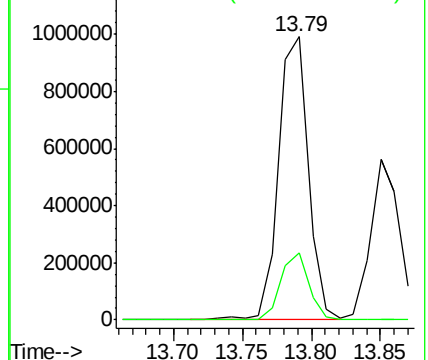
91 100

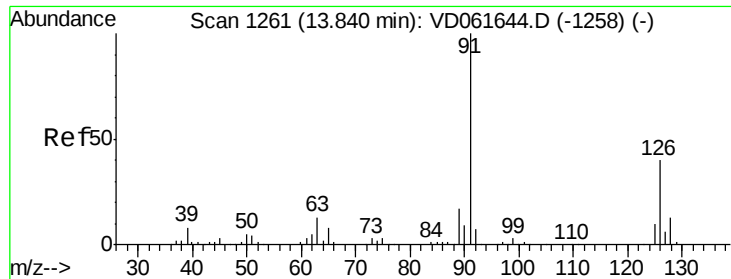
120 23.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 47.747 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

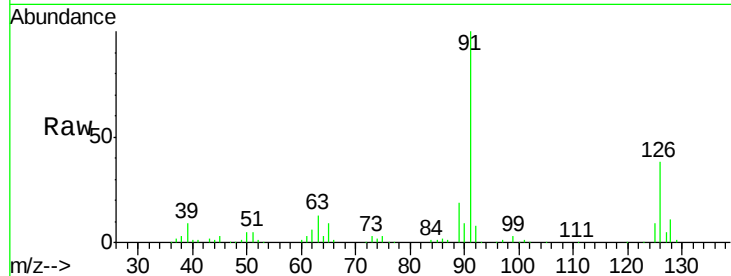
ClientSampleId :

Tot Ion: 91 Resp: 806952

Ion Ratio Lower Upper

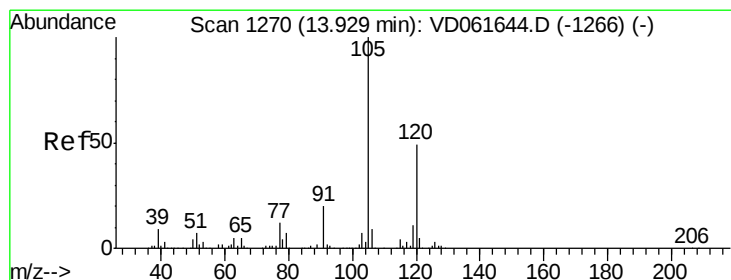
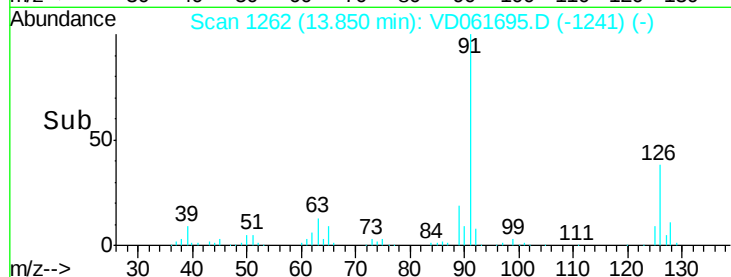
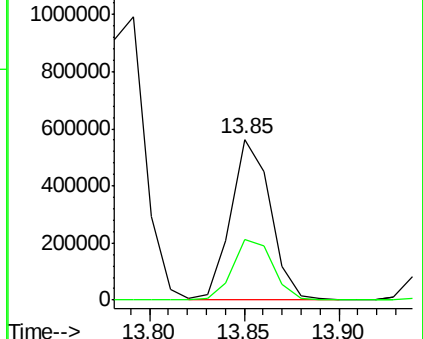
91 100

126 37.5 20.0 59.9



Abundance Ion 91.00 (90.70 to 91.70): VD061644.D (-1258) (-)

Ion 125.95 (125.65 to 126.65): VD061644.D (-1258) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.900 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. 0.02 min

Lab File: VD061695.D

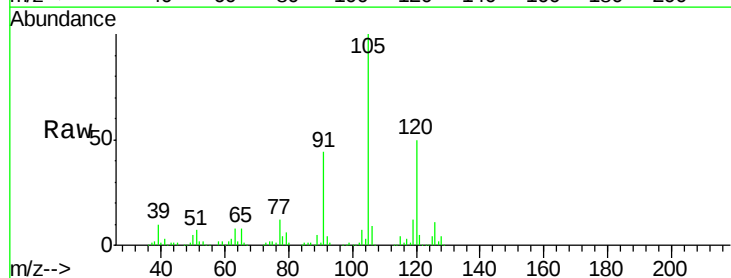
Acq: 10 Apr 2019 2:03

Tgt Ion: 105 Resp: 978530

Ion Ratio Lower Upper

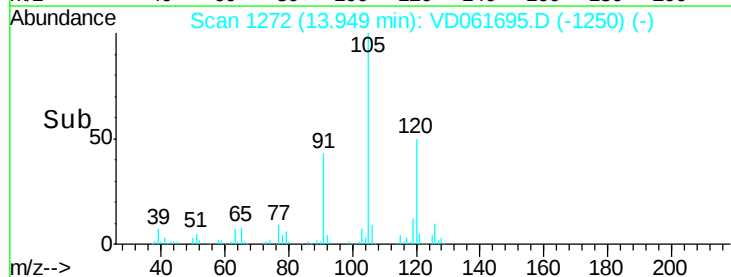
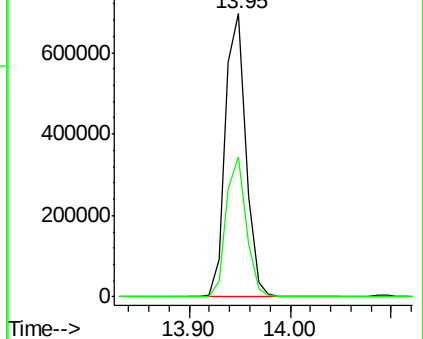
105 100

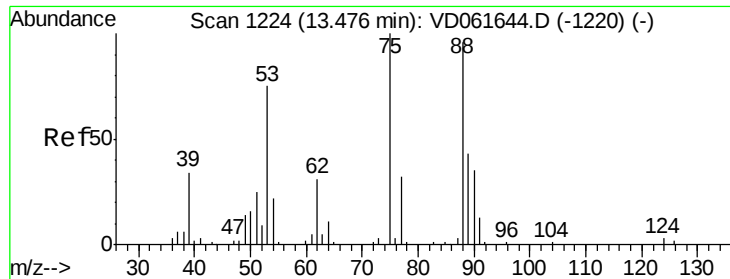
120 49.7 24.4 73.2



Abundance Ion 105.05 (104.75 to 105.75): VD061644.D (-1266) (-)

Ion 120.05 (119.75 to 120.75): VD061644.D (-1266) (-)

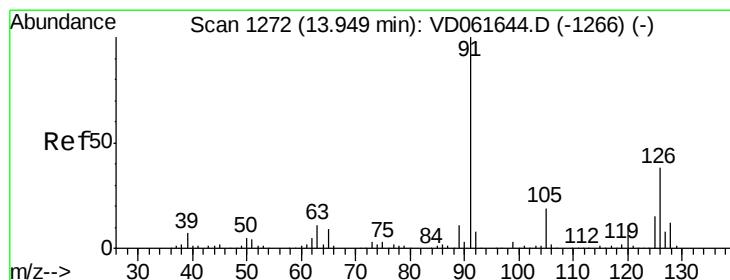
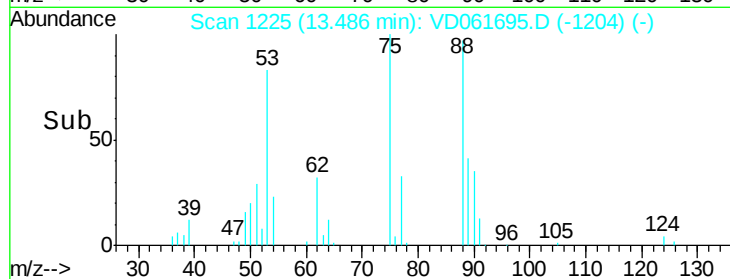
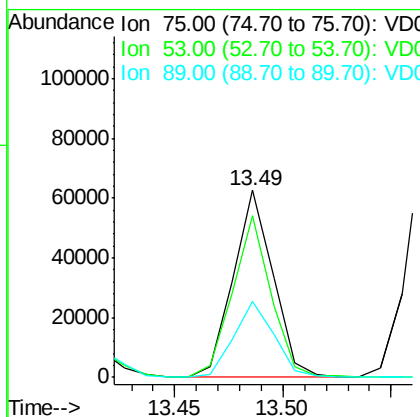
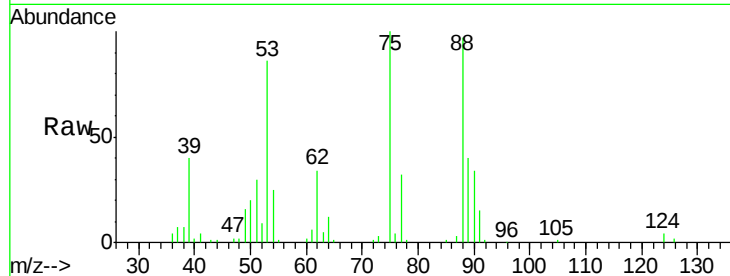




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.823 ug/l  
RT: 13.49 min Scan# 1225  
Delta R.T. 0.01 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

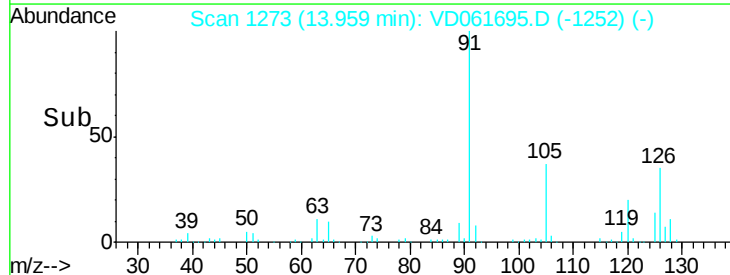
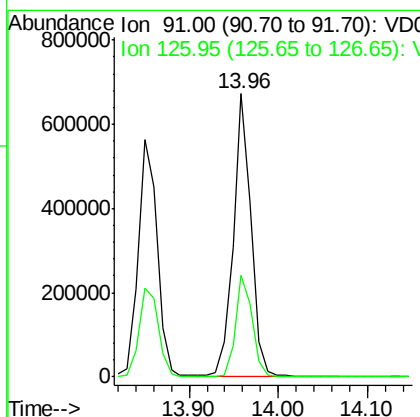
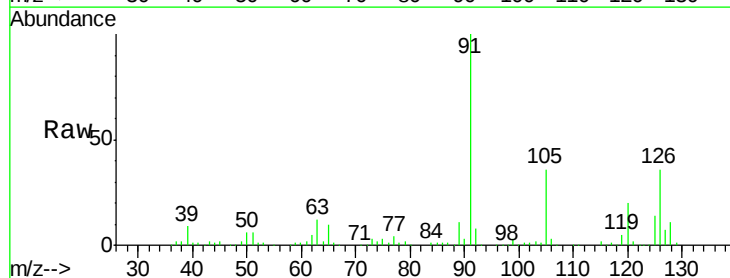
Instrument :  
MSVOA\_D  
ClientSampled :

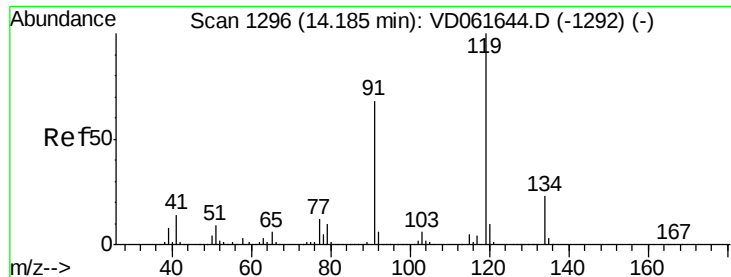
Tot Ion: 75 Resp: 80864  
Ion Ratio Lower Upper  
75 100  
53 86.3 60.2 90.2  
89 40.5 34.2 51.2



#82  
4-Chlorotoluene  
Concen: 50.862 ug/l  
RT: 13.96 min Scan# 1273  
Delta R.T. 0.01 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Tgt Ion: 91 Resp: 941940  
Ion Ratio Lower Upper  
91 100  
126 35.8 19.0 57.0

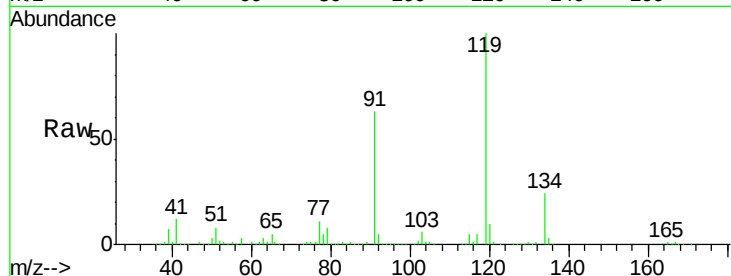




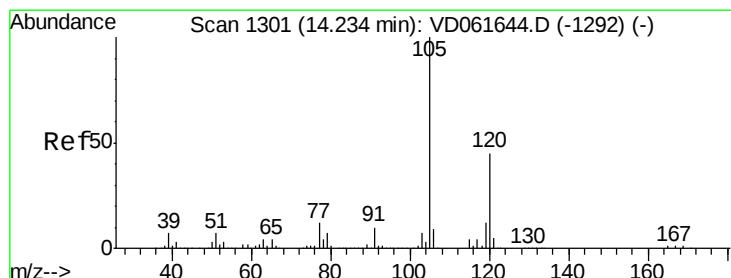
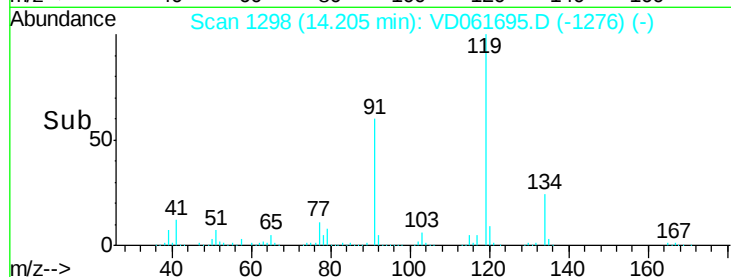
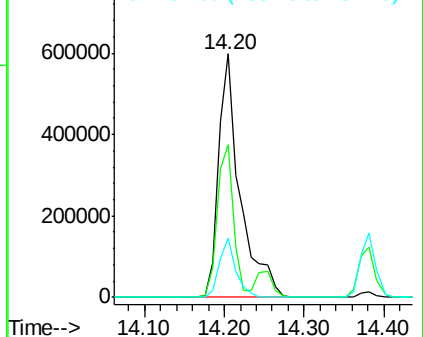
#83  
 tert-Butylbenzene  
 Concen: 48.009 ug/l  
 RT: 14.20 min Scan# 1298  
 Delta R.T. 0.02 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:119 Resp: 1135120  
 Ion Ratio Lower Upper  
 119 100  
 91 62.6 33.9 101.6  
 134 24.4 11.6 34.8

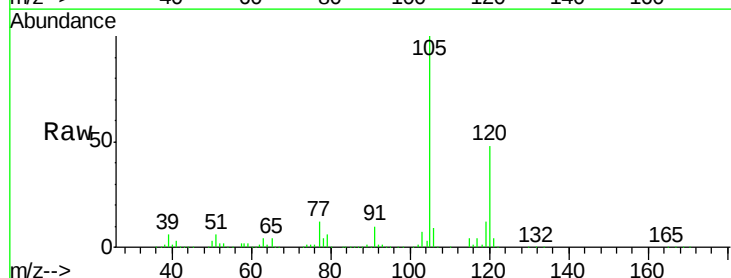


Abundance Ion 119.05 (118.75 to 119.75): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

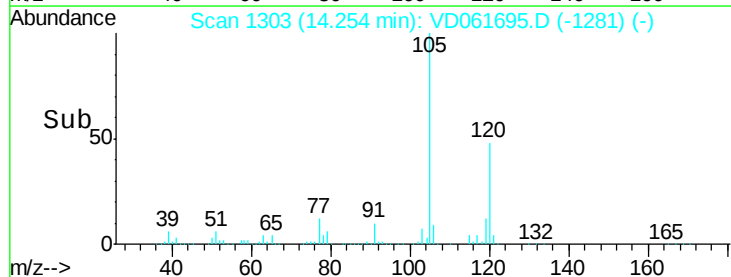
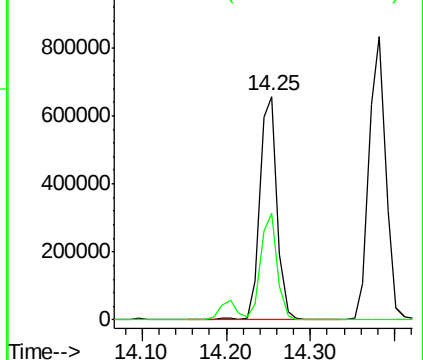


#84  
 1,2,4-Trimethylbenzene  
 Concen: 48.229 ug/l  
 RT: 14.25 min Scan# 1303  
 Delta R.T. 0.02 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Tgt Ion:105 Resp: 954514  
 Ion Ratio Lower Upper  
 105 100  
 120 47.6 22.6 67.8



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

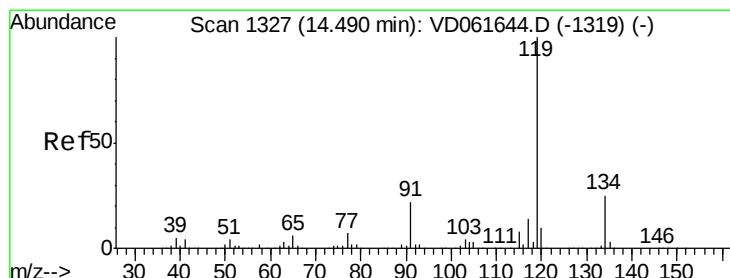
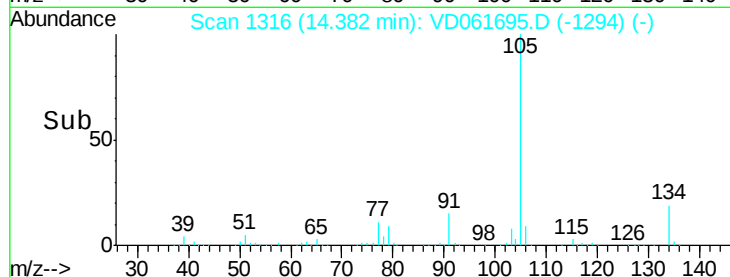
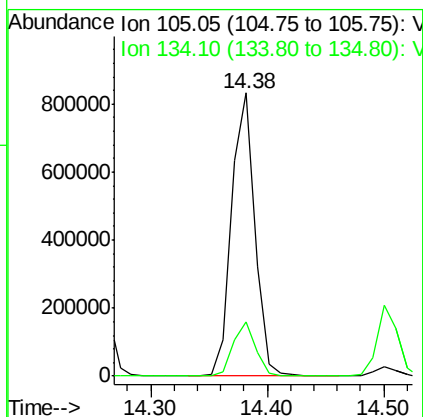
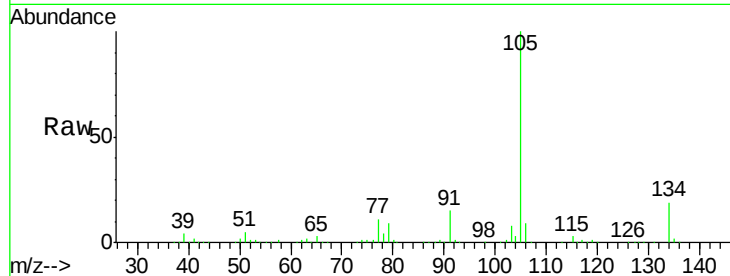




#85  
 sec-Butylbenzene  
 Concen: 44.827 ug/l  
 RT: 14.38 min Scan# 1316  
 Delta R.T. 0.02 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

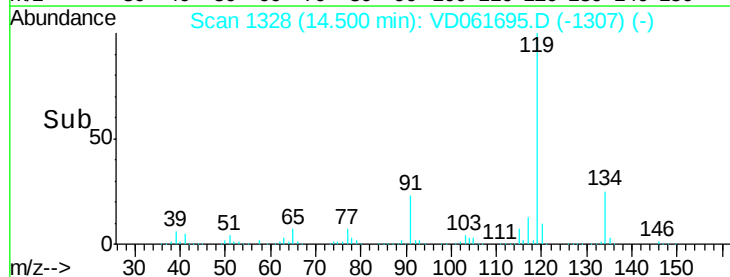
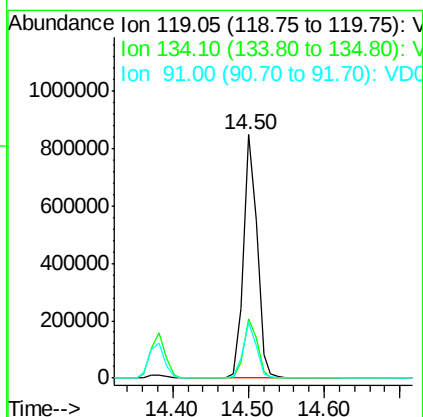
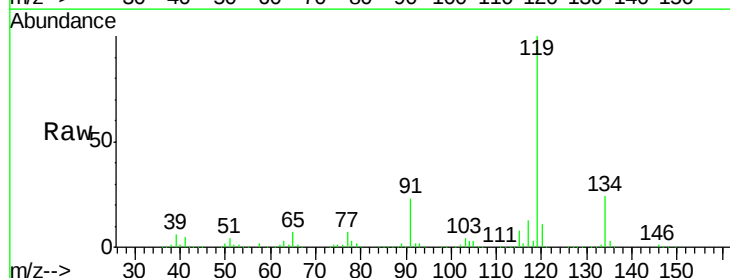
Instrument :  
 MSVOA\_D  
 ClientSampleID :

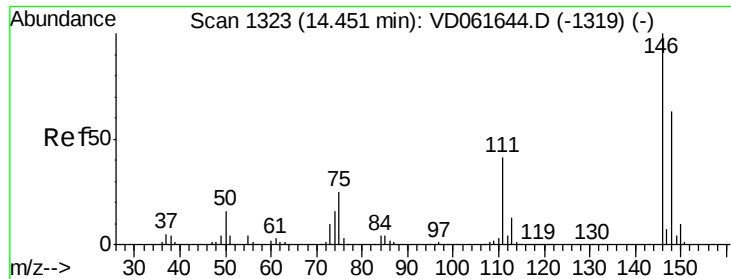
Tot Ion:105 Resp: 1145116  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 8.6 25.7



#86  
 p-Isopropyltoluene  
 Concen: 47.290 ug/l  
 RT: 14.50 min Scan# 1328  
 Delta R.T. 0.01 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Tgt Ion:119 Resp: 1047983  
 Ion Ratio Lower Upper  
 119 100  
 134 24.5 12.5 37.5  
 91 22.8 11.0 33.0

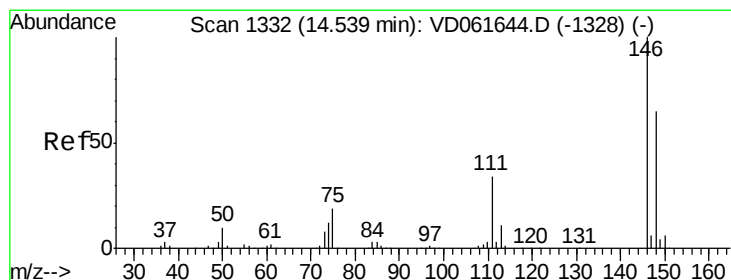
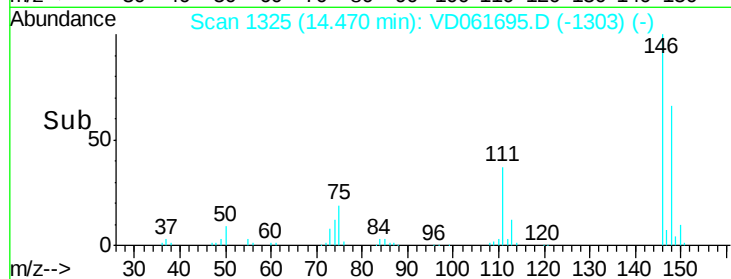
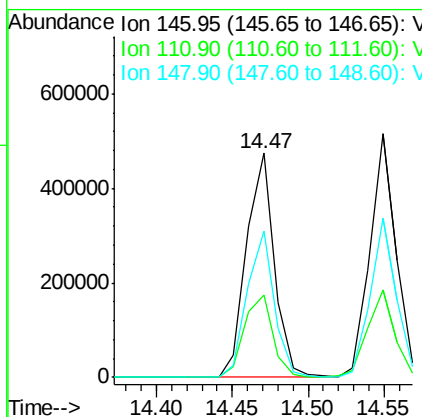
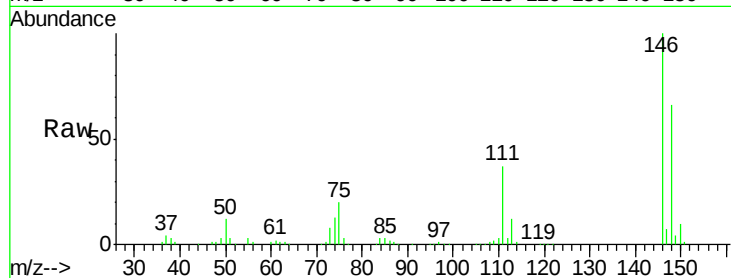




#87  
 1,3-Dichlorobenzene  
 Concen: 49.210 ug/l  
 RT: 14.47 min Scan# 1325  
 Delta R.T. 0.02 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

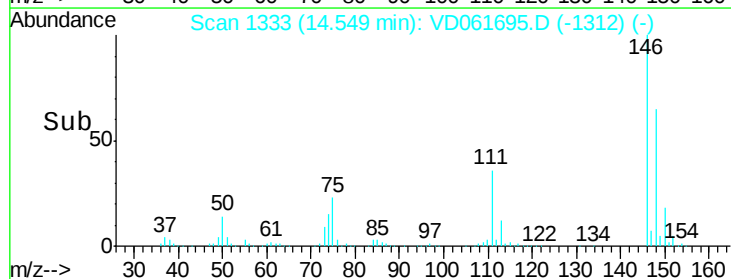
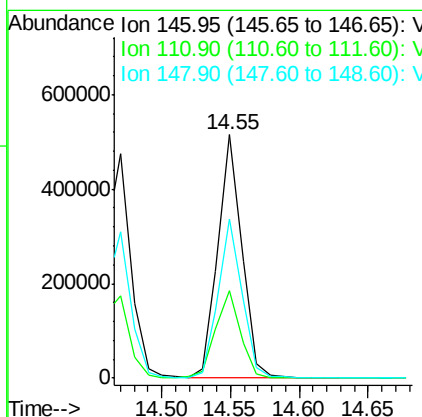
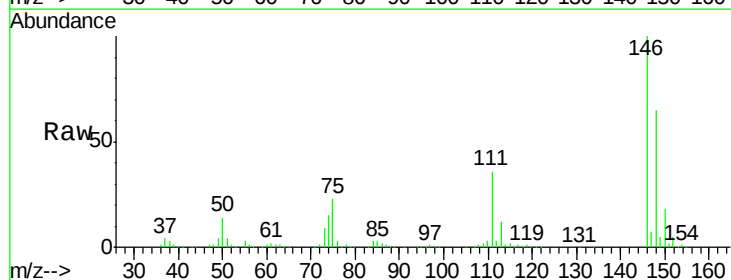
Instrument :  
 MSVOA\_D  
 ClientSampleId :

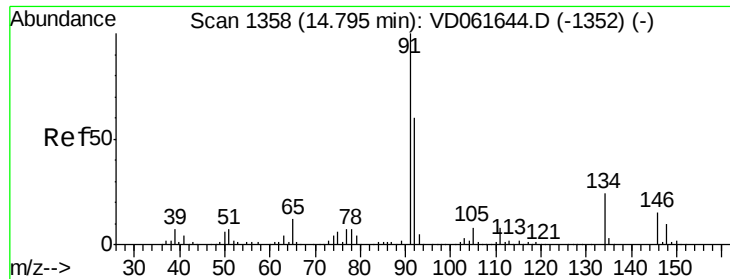
Tot Ion:146 Resp: 607348  
 Ion Ratio Lower Upper  
 146 100  
 111 37.0 20.3 61.0  
 148 65.6 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 49.696 ug/l  
 RT: 14.55 min Scan# 1333  
 Delta R.T. 0.01 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Tgt Ion:146 Resp: 618861  
 Ion Ratio Lower Upper  
 146 100  
 111 35.9 17.1 51.2  
 148 65.5 32.6 97.7





#89

n-Butylbenzene

Concen: 47.033 ug/l

RT: 14.81 min Scan# 1359

Delta R.T. 0.01 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampleId :

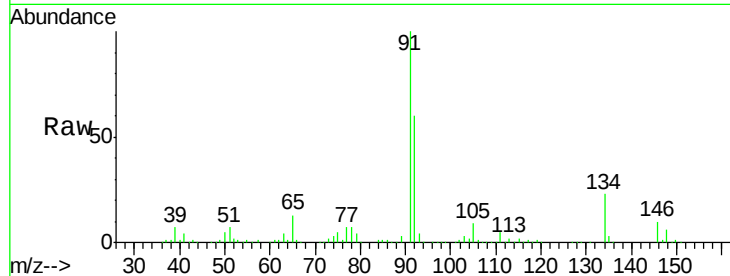
Tot Ion: 91 Resp: 905928

Ion Ratio Lower Upper

91 100

92 60.4 29.8 89.4

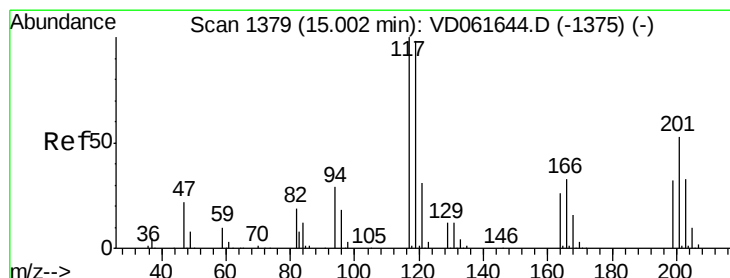
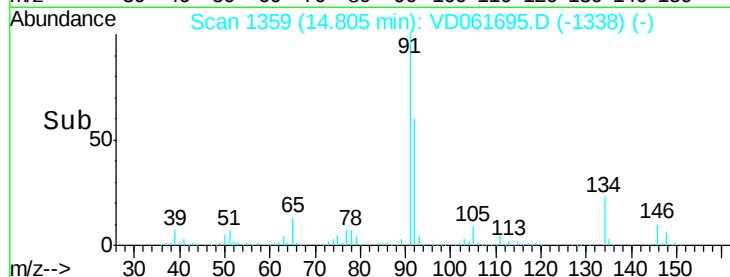
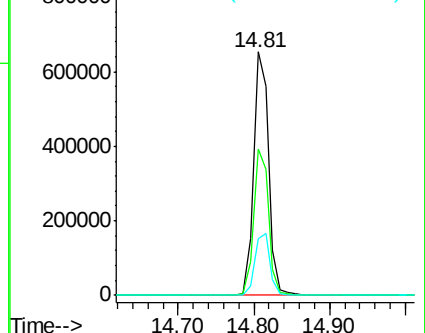
134 23.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 53.882 ug/l

RT: 15.02 min Scan# 1381

Delta R.T. 0.02 min

Lab File: VD061695.D

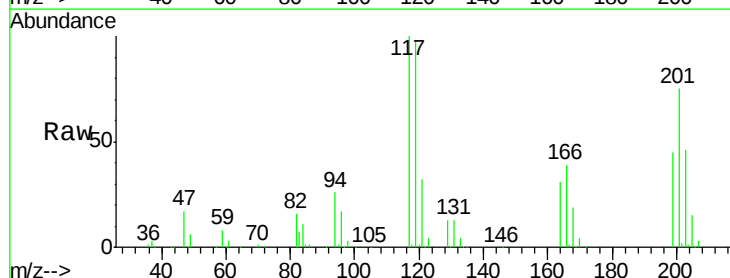
Acq: 10 Apr 2019 2:03

Tgt Ion: 117 Resp: 323994

Ion Ratio Lower Upper

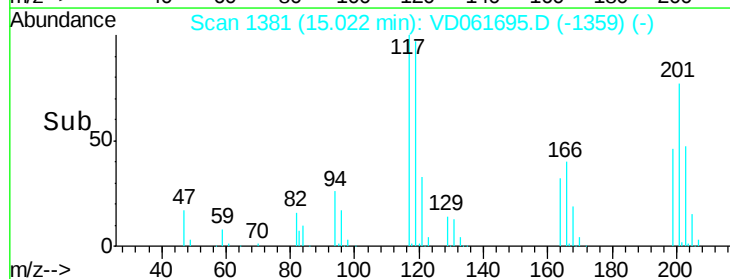
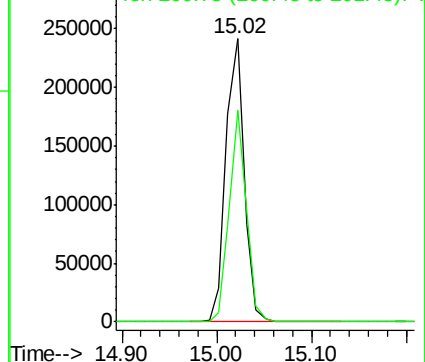
117 100

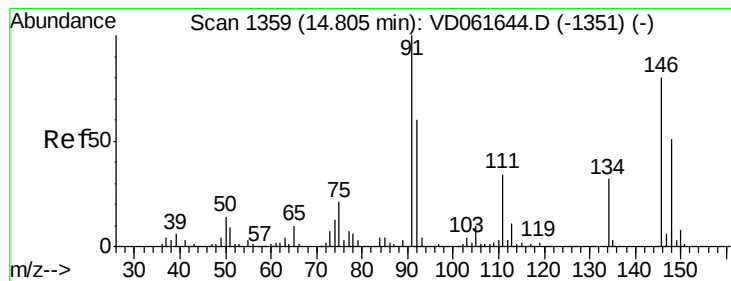
201 74.8 26.3 78.8



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC





#91

1,2-Dichlorobenzene

Concen: 51.171 ug/l

RT: 14.82 min Scan# 1361

Delta R.T. 0.02 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

Instrument :

MSVOA\_D

ClientSampleId :

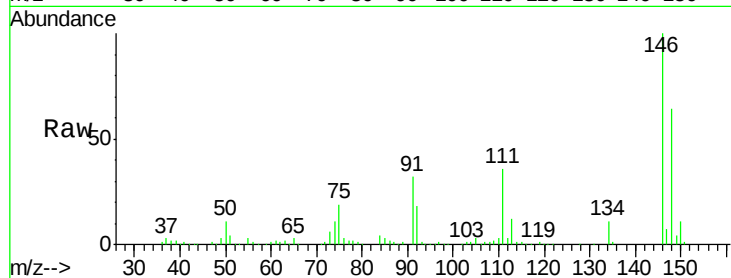
Tot Ion:146 Resp: 520514

Ion Ratio Lower Upper

146 100

111 35.7 21.1 63.3

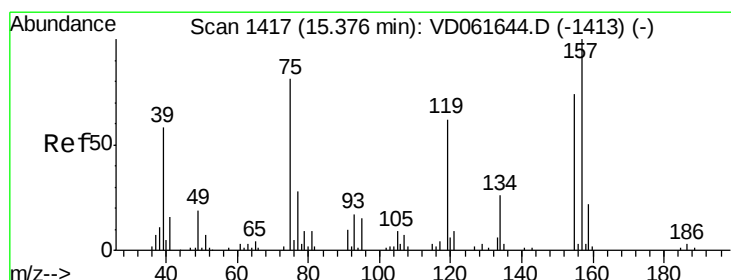
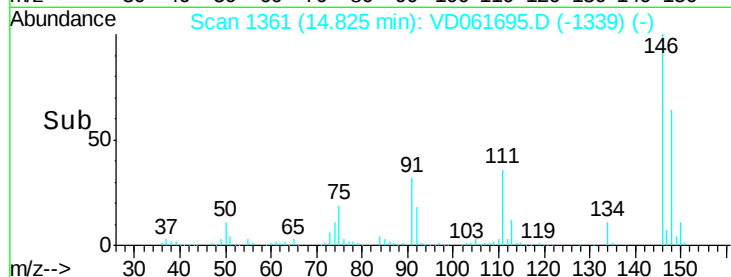
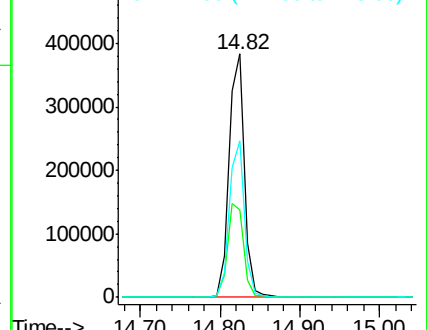
148 64.5 31.7 95.1



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.435 ug/l

RT: 15.40 min Scan# 1419

Delta R.T. 0.02 min

Lab File: VD061695.D

Acq: 10 Apr 2019 2:03

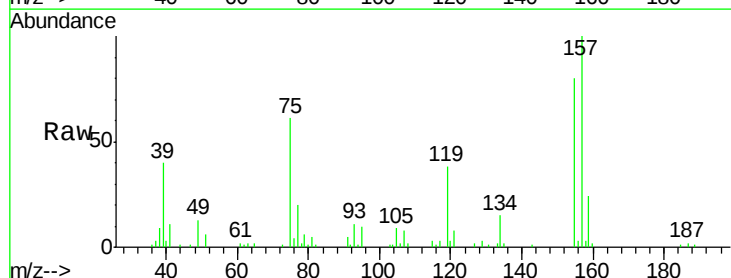
Tgt Ion: 75 Resp: 36023

Ion Ratio Lower Upper

75 100

155 132.2 45.6 136.7

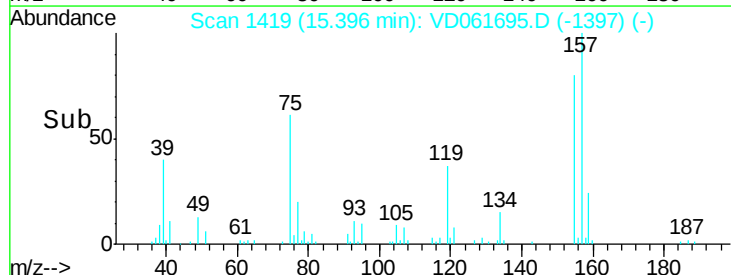
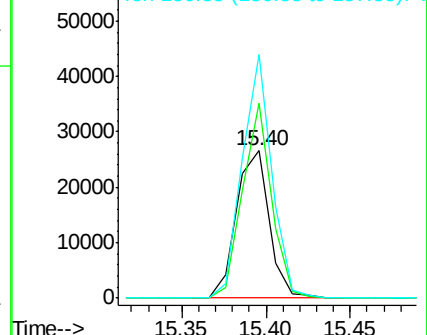
157 165.3 61.4 184.2



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

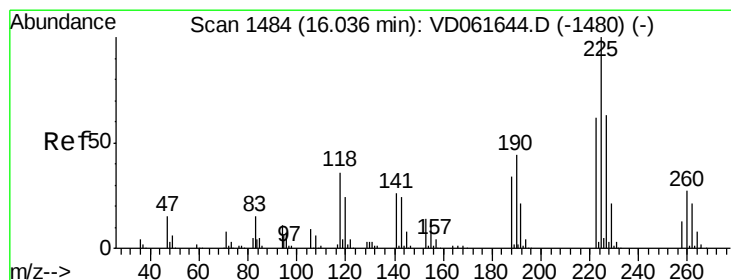
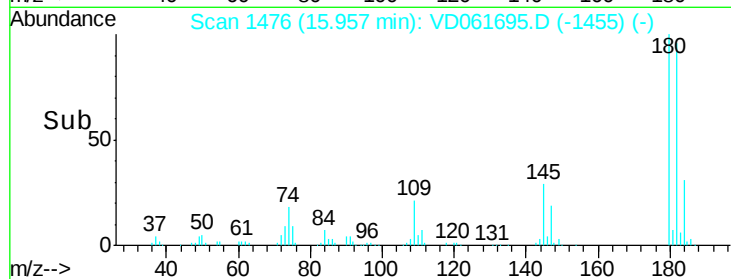
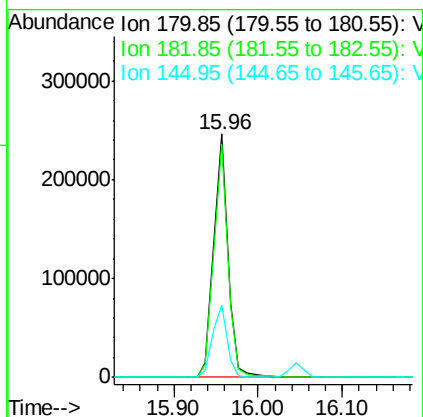
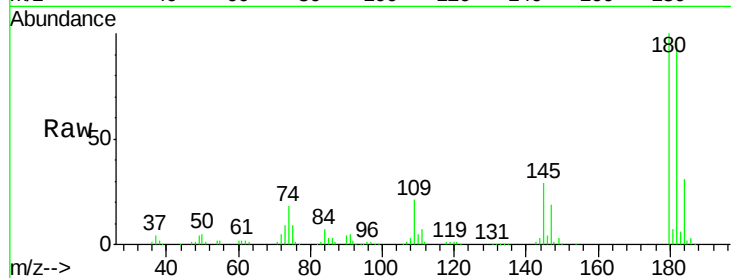




#93  
 1,2,4-Trichlorobenzene  
 Concen: 56.757 ug/l  
 RT: 15.96 min Scan# 1476  
 Delta R.T. 0.01 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

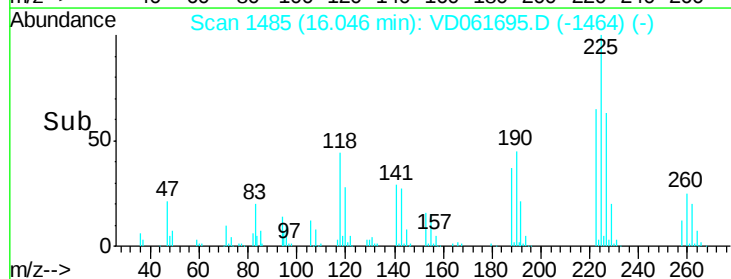
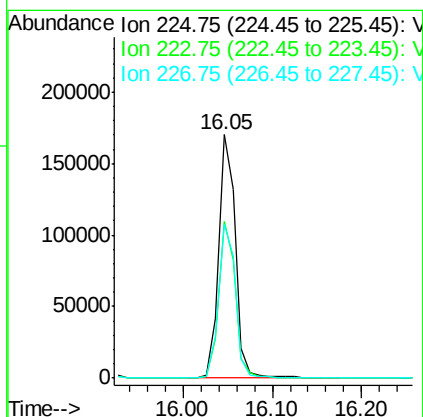
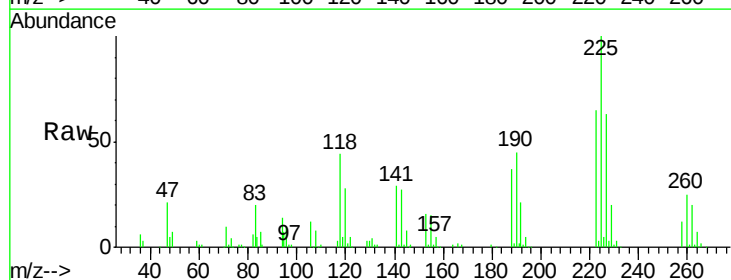
Instrument :  
 MSVOA\_D  
 ClientSampleId :

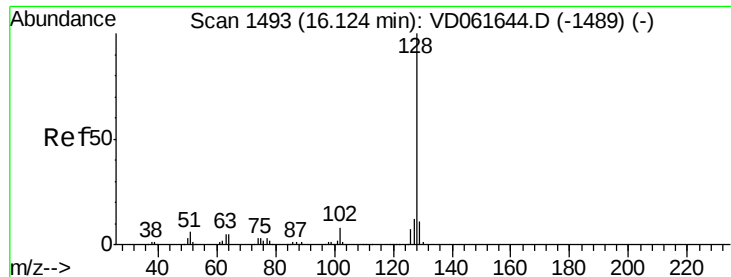
Tot Ion:180 Resp: 294137  
 Ion Ratio Lower Upper  
 180 100  
 182 95.8 47.8 143.3  
 145 29.4 13.3 39.8



#94  
 Hexachlorobutadiene  
 Concen: 55.948 ug/l  
 RT: 16.05 min Scan# 1485  
 Delta R.T. 0.01 min  
 Lab File: VD061695.D  
 Acq: 10 Apr 2019 2:03

Tgt Ion:225 Resp: 223883  
 Ion Ratio Lower Upper  
 225 100  
 223 64.5 30.8 92.3  
 227 63.4 31.5 94.5

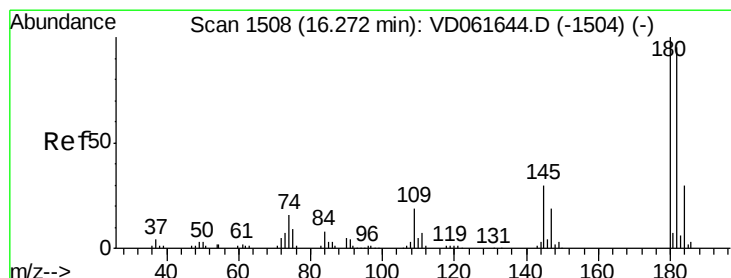
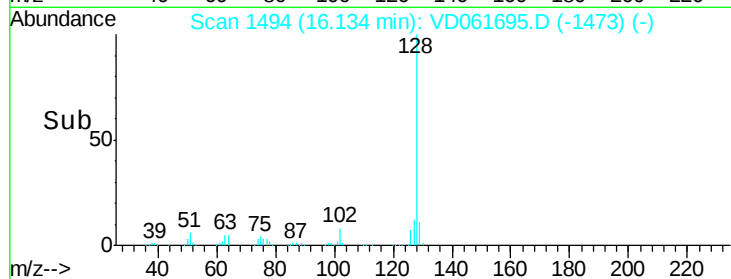
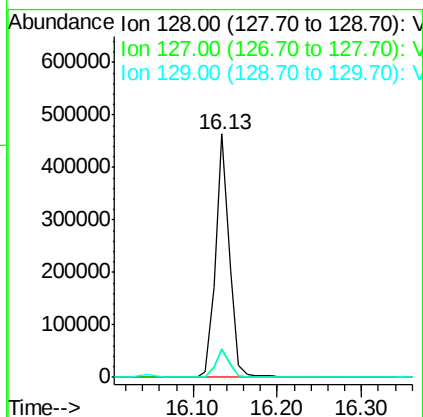
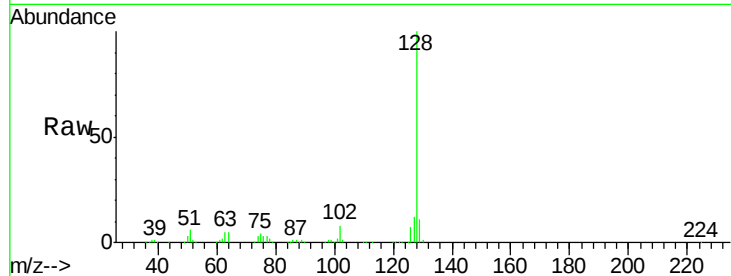




#95  
Naphthalene  
Concen: 64.539 ug/l  
RT: 16.13 min Scan# 1494  
Delta R.T. 0.01 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:128 Resp: 529220  
Ion Ratio Lower Upper  
128 100  
127 11.8 9.4 14.2  
129 11.4 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 71.977 ug/l  
RT: 16.28 min Scan# 1509  
Delta R.T. 0.01 min  
Lab File: VD061695.D  
Acq: 10 Apr 2019 2:03

Tgt Ion:180 Resp: 186162  
Ion Ratio Lower Upper  
180 100  
182 95.7 47.3 142.0  
145 30.5 15.1 45.3

