

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\  
 Data File : VD061671.D  
 Acq On : 9 Apr 2019 13:11  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 10 00:48:20 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      | 7.07  | 168  | 619301   | 50.00 | ug/l  | 0.03     |
| 34) 1,4-Difluorobenzene    | 8.24  | 114  | 975435   | 50.00 | ug/l  | 0.03     |
| 63) Chlorobenzene-d5       | 12.39 | 117  | 809409   | 50.00 | ug/l  | 0.02     |
| 72) 1,4-Dichlorobenzene-d4 | 14.53 | 152  | 388266   | 50.00 | ug/l  | 0.01     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.48   | 65  | 233228   | 49.68 | ug/l    | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.36%  |      |
| 35) Dibromofluoromethane  | 6.94   | 113 | 346685   | 51.30 | ug/l    | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.60% |      |
| 50) Toluene-d8            | 10.43  | 98  | 772529   | 45.50 | ug/l    | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.00%  |      |
| 62) 4-Bromofluorobenzene  | 13.57  | 95  | 350648   | 61.73 | ug/l    | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 123.46% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85  | 322924  | 48.333  | ug/l   | 100    |
| 3) Chloromethane              | 1.76 | 50  | 245226  | 45.420  | ug/l   | 94     |
| 4) Vinyl Chloride             | 1.85 | 62  | 251280  | 49.807  | ug/l   | 100    |
| 5) Bromomethane               | 2.16 | 94  | 56989   | 48.803  | ug/l   | 96     |
| 6) Chloroethane               | 2.28 | 64  | 88938   | 56.283  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 2.54 | 101 | 362444  | 47.581  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.89 | 74  | 115241  | 53.906  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.16 | 101 | 381475  | 50.938  | ug/l   | 99     |
| 10) Methyl Iodide             | 3.32 | 142 | 538234  | 48.326  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.08 | 59  | 87975   | 279.637 | ug/l # | 93     |
| 12) 1,1-Dichloroethene        | 3.14 | 96  | 319241  | 49.448  | ug/l   | 98     |
| 13) Acrolein                  | 3.05 | 56  | 101643  | 264.992 | ug/l   | 97     |
| 14) Allyl chloride            | 3.64 | 41  | 430529  | 48.893  | ug/l   | 97     |
| 15) Acrylonitrile             | 4.22 | 53  | 270878  | 250.125 | ug/l   | 95     |
| 16) Acetone                   | 3.23 | 43  | 403541  | 287.571 | ug/l   | 98     |
| 17) Carbon Disulfide          | 3.39 | 76  | 978896  | 46.663  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.66 | 43  | 133687  | 50.636  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 4.26 | 73  | 598684  | 53.555  | ug/l   | 99     |
| 20) Methylene Chloride        | 3.83 | 84  | 350023  | 43.957  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 4.24 | 96  | 354546  | 50.562  | ug/l   | 97     |
| 22) Diisopropyl ether         | 5.14 | 45  | 1003162 | 54.337  | ug/l   | 98     |
| 23) Vinyl Acetate             | 5.08 | 43  | 2660744 | 261.192 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.01 | 63  | 584970  | 51.707  | ug/l   | 100    |
| 25) 2-Butanone                | 6.09 | 43  | 457898  | 283.049 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.05 | 77  | 511779  | 55.556  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.07 | 96  | 404523  | 54.076  | ug/l   | 98     |
| 28) Bromochloromethane        | 6.46 | 49  | 216092  | 51.779  | ug/l   | 96     |
| 29) Tetrahydrofuran           | 6.48 | 42  | 205351  | 262.955 | ug/l   | 98     |
| 30) Chloroform                | 6.69 | 83  | 635207  | 53.596  | ug/l   | 100    |
| 31) Cyclohexane               | 6.98 | 56  | 461223  | 52.185  | ug/l   | 100    |
| 32) 1,1,1-Trichloroethane     | 6.89 | 97  | 559680  | 53.889  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.17 | 75  | 434183  | 50.860  | ug/l   | 97     |
| 37) Ethyl Acetate             | 6.21 | 43  | 198300  | 57.029  | ug/l # | 97     |
| 38) Carbon Tetrachloride      | 7.14 | 117 | 595012  | 59.470  | ug/l   | 99     |

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 Sample : VSTDCCC050  
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 10 00:48:20 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) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 8.88  | 83   | 454333   | 51.838   | ug/l   | 98       |
| 40) Benzene                    | 7.48  | 78   | 1150215  | 55.849   | ug/l   | 99       |
| 41) Methacrylonitrile          | 6.47  | 41   | 236548   | 58.276   | ug/l # | 93       |
| 42) 1,2-Dichloroethane         | 7.60  | 62   | 370303   | 57.173   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 9.26  | 43   | 276179   | 54.728   | ug/l # | 97       |
| 44) Trichloroethene            | 8.57  | 130  | 423531   | 53.642   | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 8.96  | 63   | 259212   | 50.751   | ug/l   | 97       |
| 46) Dibromomethane             | 9.09  | 93   | 208115   | 57.013   | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.40  | 83   | 466150   | 58.145   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.14  | 41   | 162393   | 55.826   | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.10  | 88   | 37039    | 1153.560 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone       | 10.32 | 43   | 840578   | 281.655  | ug/l   | 97       |
| 52) Toluene                    | 10.53 | 92   | 665439   | 51.743   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.93 | 75   | 431808   | 61.445   | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 10.06 | 75   | 512888   | 59.204   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 11.22 | 97   | 237694   | 54.801   | ug/l   | 95       |
| 56) Ethyl methacrylate         | 11.06 | 69   | 251986   | 55.070   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 11.43 | 76   | 365197   | 57.493   | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 9.88  | 63   | 620884   | 287.577  | ug/l   | 100      |
| 59) 2-Hexanone                 | 11.55 | 43   | 698065   | 301.390  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.71 | 129  | 407781   | 59.506   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.83 | 107  | 285154   | 56.216   | ug/l   | 97       |
| 64) Tetrachloroethene          | 11.28 | 164  | 301027   | 47.912   | ug/l   | 99       |
| 65) Chlorobenzene              | 12.42 | 112  | 847409   | 52.793   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.53 | 131  | 344361   | 55.752   | ug/l   | 98       |
| 67) Ethyl Benzene              | 12.54 | 91   | 1336870  | 54.693   | ug/l   | 99       |
| 68) m/p-Xylenes                | 12.68 | 106  | 924158   | 98.071   | ug/l   | 95       |
| 69) o-Xylene                   | 13.07 | 106  | 488635   | 53.717   | ug/l   | 96       |
| 70) Styrene                    | 13.09 | 104  | 782959   | 50.400   | ug/l   | 98       |
| 71) Bromoform                  | 13.25 | 173  | 216320   | 56.445   | ug/l # | 97       |
| 73) Isopropylbenzene           | 13.42 | 105  | 1291066  | 49.905   | ug/l   | 99       |
| 74) N-amyl acetate             | 13.27 | 43   | 344805   | 49.054   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.72 | 83   | 274452   | 51.307   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 13.75 | 75   | 276706   | 52.383   | ug/l   | 97       |
| 77) Bromobenzene               | 13.69 | 156  | 361365   | 48.122   | ug/l   | 82       |
| 78) n-propylbenzene            | 13.79 | 91   | 1653986  | 53.447   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 13.85 | 91   | 861839   | 48.700   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 1065617  | 51.896   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 13.49 | 75   | 86364    | 53.878   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 13.96 | 91   | 986951   | 50.895   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 14.20 | 119  | 1227787  | 49.592   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 14.25 | 105  | 1069251  | 51.595   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 14.38 | 105  | 1316210  | 49.206   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 14.50 | 119  | 1103997  | 47.577   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 659428   | 51.026   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 14.55 | 146  | 665850   | 51.063   | ug/l   | 99       |
| 89) n-Butylbenzene             | 14.81 | 91   | 1020832  | 50.613   | ug/l   | 99       |
| 90) Hexachloroethane           | 15.02 | 117  | 340968   | 54.154   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 14.82 | 146  | 535311   | 50.258   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.39 | 75   | 37579    | 58.216   | ug/l   | 95       |

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Acq On : 9 Apr 2019 13:11  
Operator : VA/AP  
Sample : VSTDCCC050  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 3 Sample Multiplier: 1

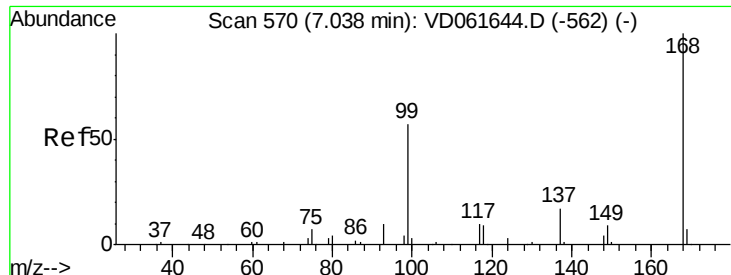
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Apr 10 00:48:20 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  | 315248   | 58.094 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 16.05 | 225  | 222950   | 53.208 | ug/l  | 98       |
| 95) Naphthalene            | 16.14 | 128  | 493774   | 57.507 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.29 | 180  | 189590   | 70.004 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

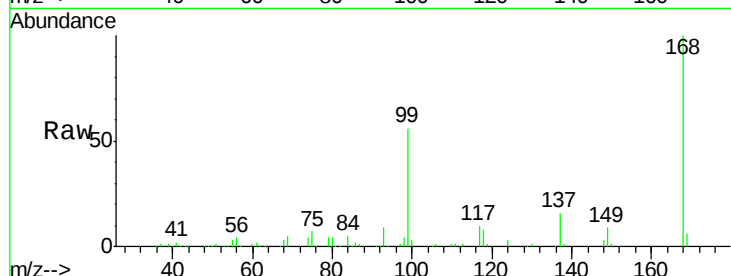
ClientSampleId :

Tot Ion:168 Resp: 619301

Ion Ratio Lower Upper

168 100

99 56.3 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

250000

200000

150000

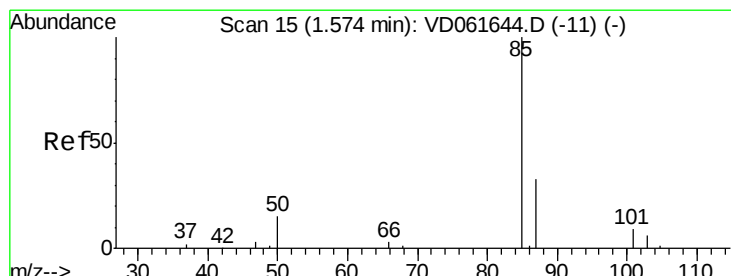
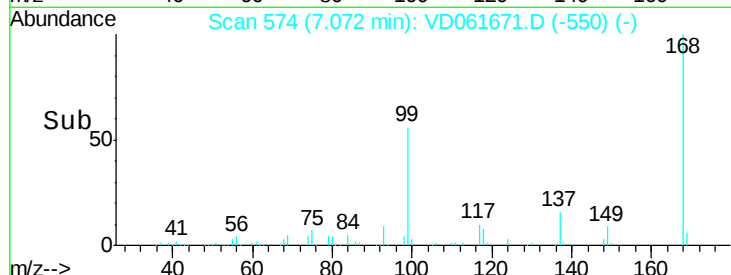
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 48.333 ug/l

RT: 1.58 min Scan# 16

Delta R.T. 0.00 min

Lab File: VD061671.D

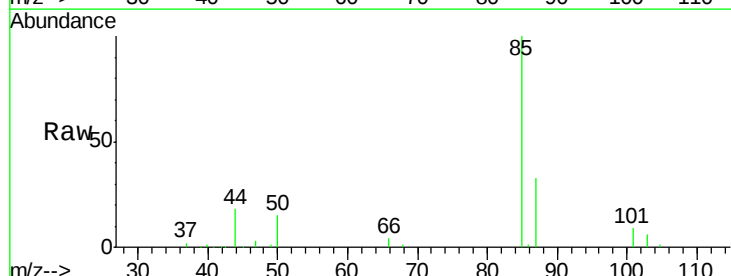
Acq: 9 Apr 2019 13:11

Tgt Ion: 85 Resp: 322924

Ion Ratio Lower Upper

85 100

87 33.4 16.6 49.8



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

150000

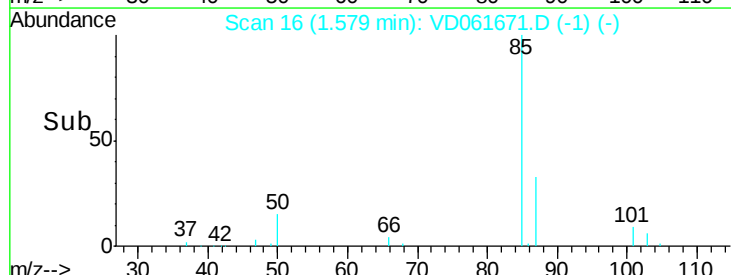
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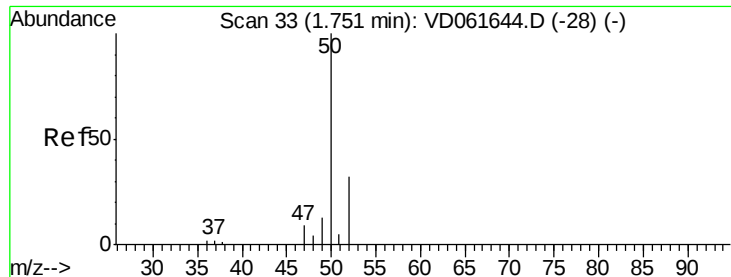
50000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 45.420 ug/l

RT: 1.76 min Scan# 34

Delta R.T. 0.00 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

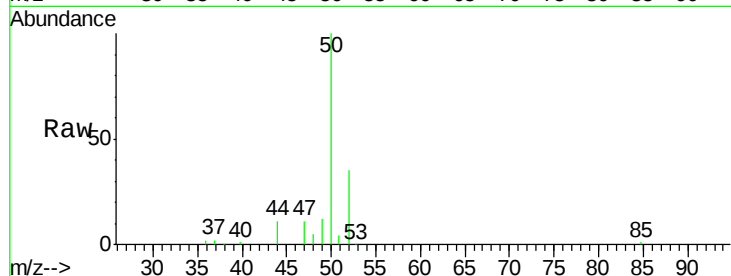
ClientSampleId :

Tot Ion: 50 Resp: 245226

Ion Ratio Lower Upper

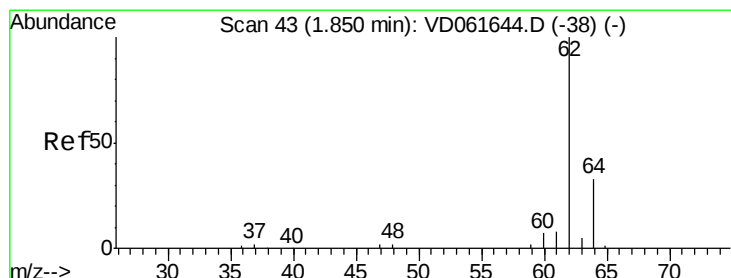
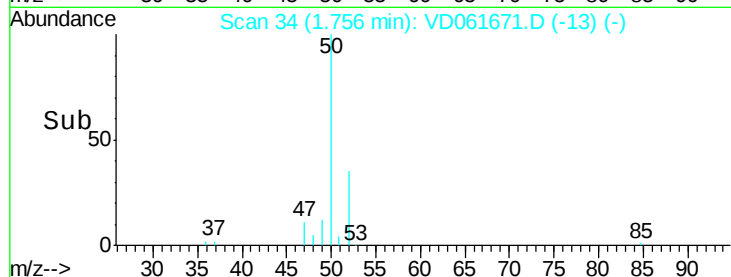
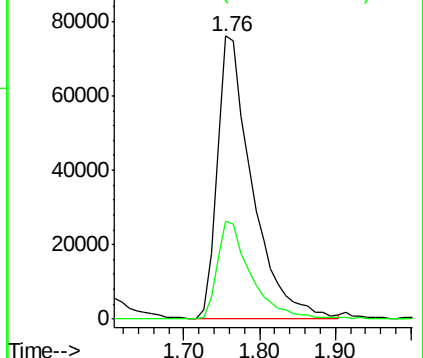
50 100

52 34.7 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: 49.807 ug/l

RT: 1.85 min Scan# 44

Delta R.T. 0.00 min

Lab File: VD061671.D

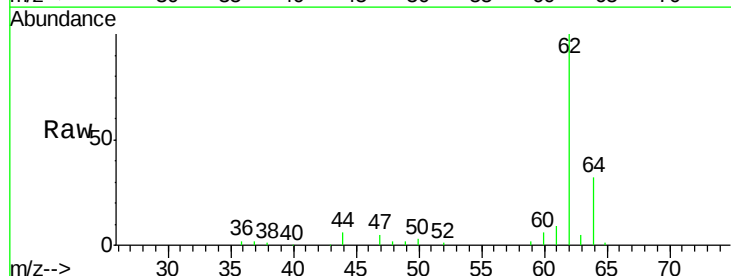
Acq: 9 Apr 2019 13:11

Tgt Ion: 62 Resp: 251280

Ion Ratio Lower Upper

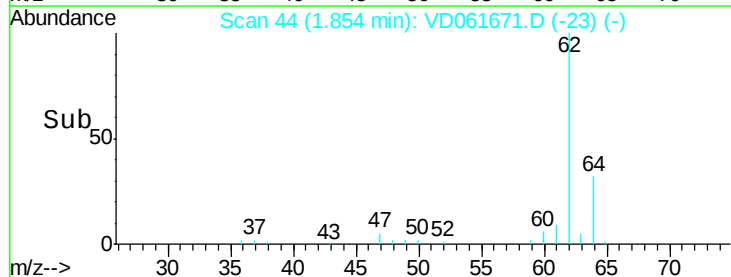
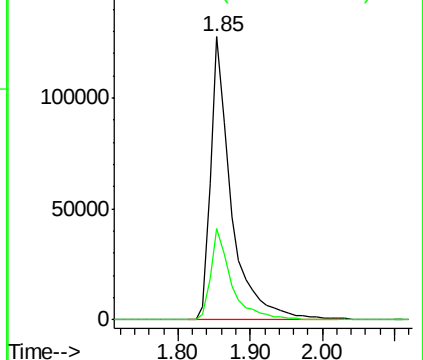
62 100

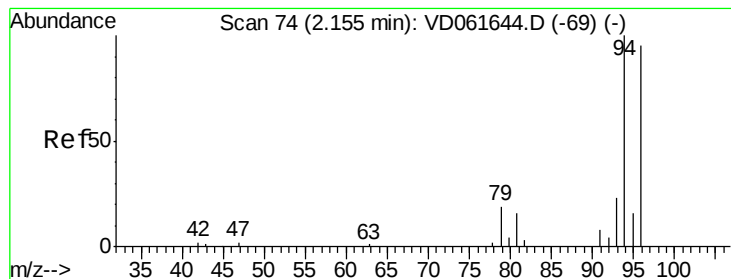
64 32.4 26.2 39.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 48.803 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.00 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

ClientSampleId :

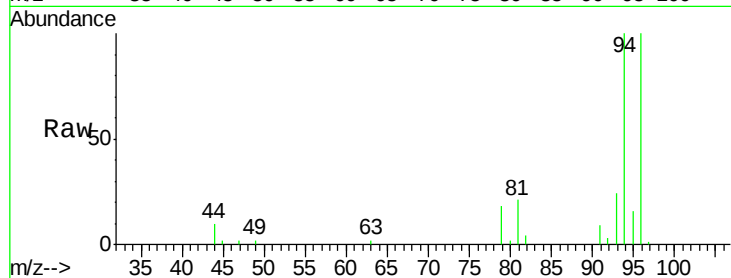
Tot Ion: 94 Resp: 56989

Ion Ratio Lower Upper

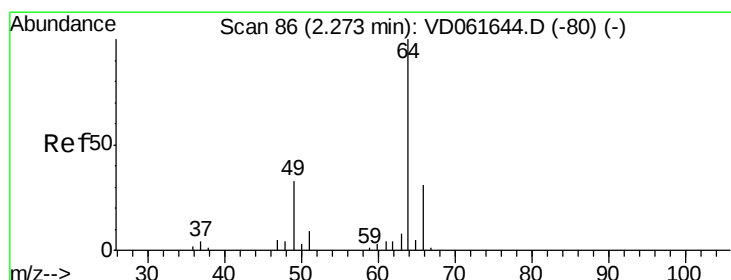
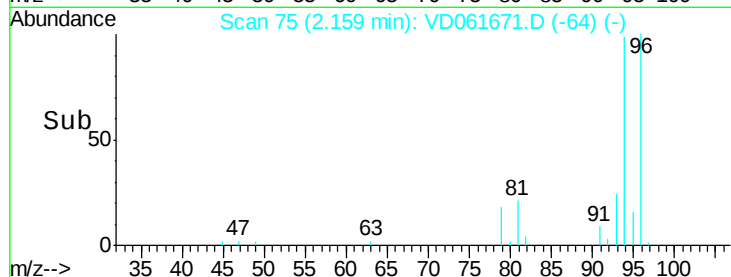
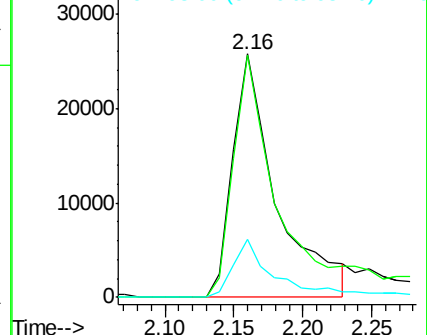
94 100

96 99.6 75.8 113.8

93 23.8 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: 56.283 ug/l

RT: 2.28 min Scan# 87

Delta R.T. 0.00 min

Lab File: VD061671.D

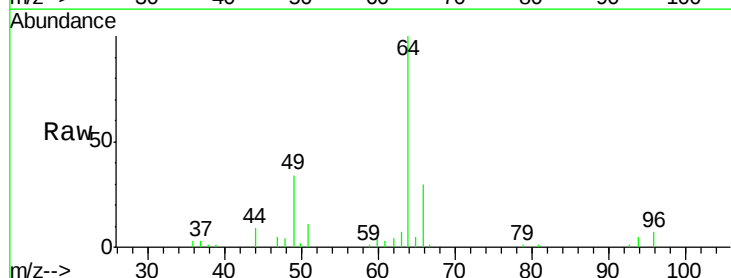
Acq: 9 Apr 2019 13:11

Tgt Ion: 64 Resp: 88938

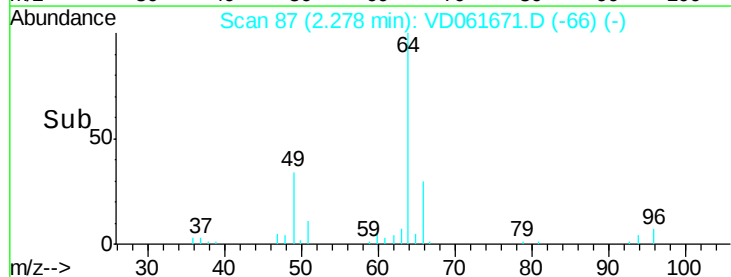
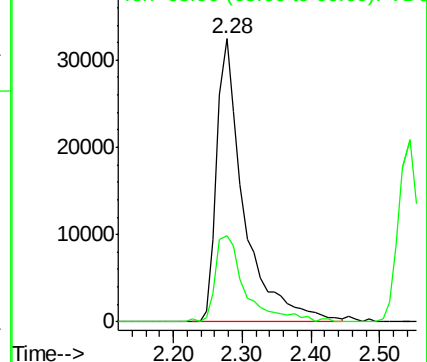
Ion Ratio Lower Upper

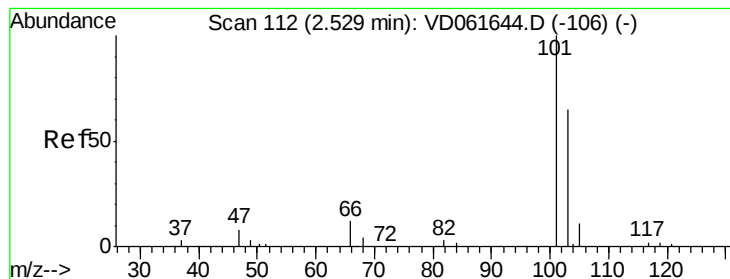
64 100

66 30.3 24.9 37.3



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



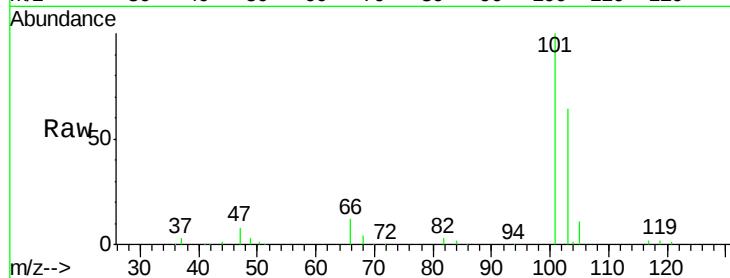


#7

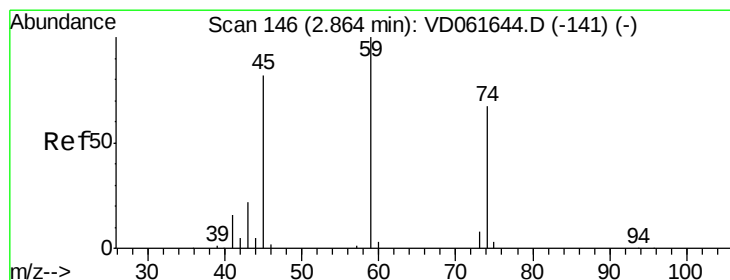
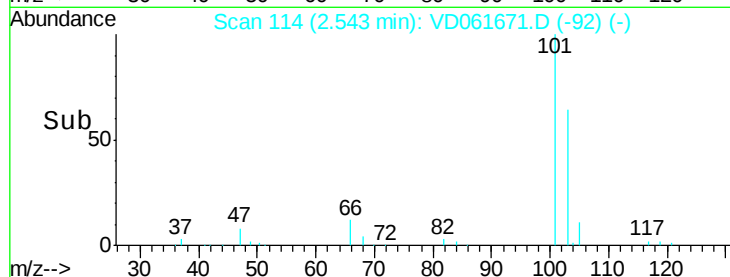
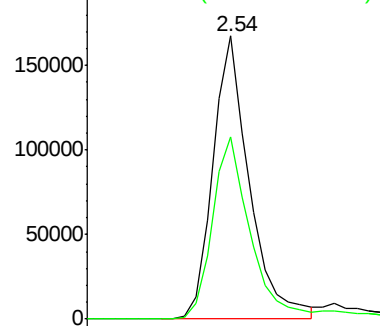
Trichlorofluoromethane  
Concen: 47.581 ug/l  
RT: 2.54 min Scan# 114  
Delta R.T. 0.01 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:101 Resp: 362444  
Ion Ratio Lower Upper  
101 100  
103 64.4 52.0 78.0



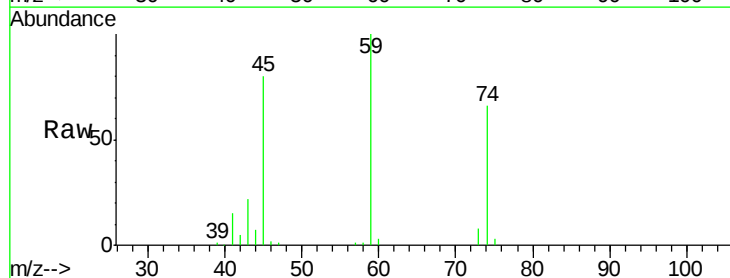
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



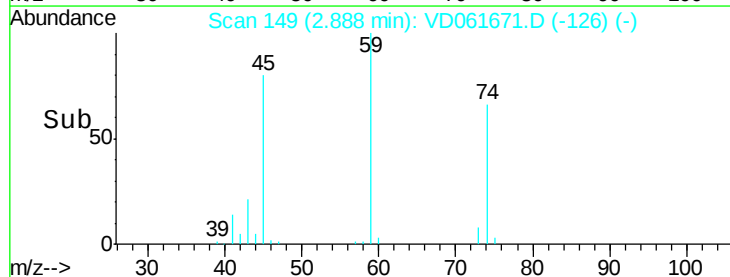
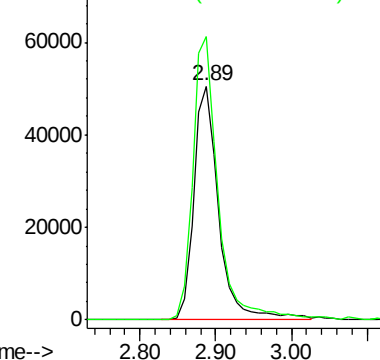
#8

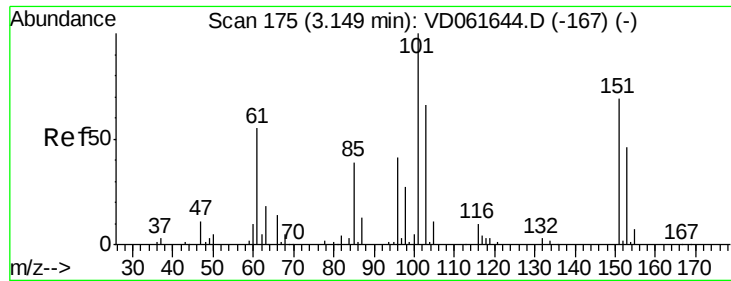
Diethyl Ether  
Concen: 53.906 ug/l  
RT: 2.89 min Scan# 149  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion: 74 Resp: 115241  
Ion Ratio Lower Upper  
74 100  
45 121.0 61.0 183.0



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

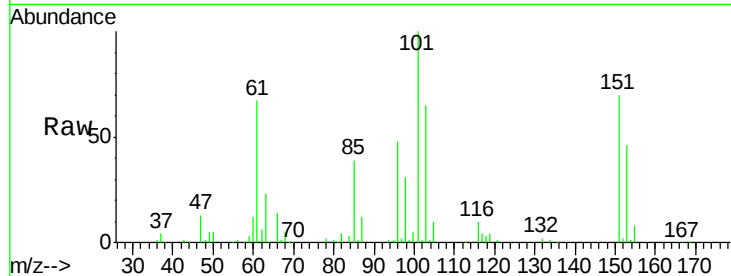




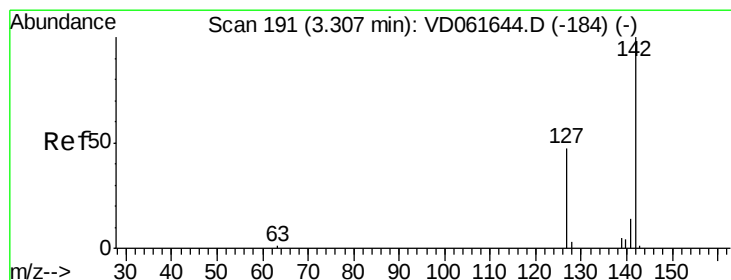
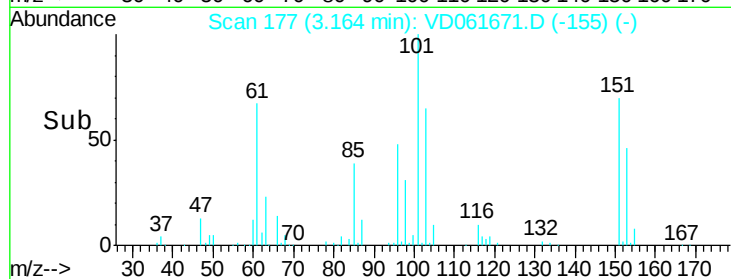
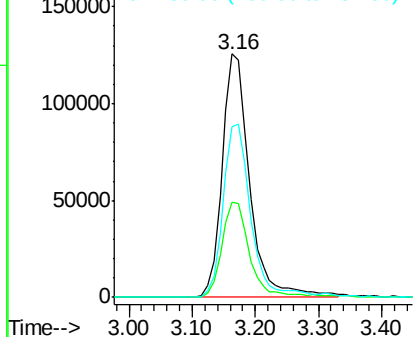
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 50.938 ug/l  
 RT: 3.16 min Scan# 177  
 Delta R.T. 0.01 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:101 Resp: 381475  
 Ion Ratio Lower Upper  
 101 100  
 85 39.2 31.0 46.6  
 151 70.0 55.3 82.9

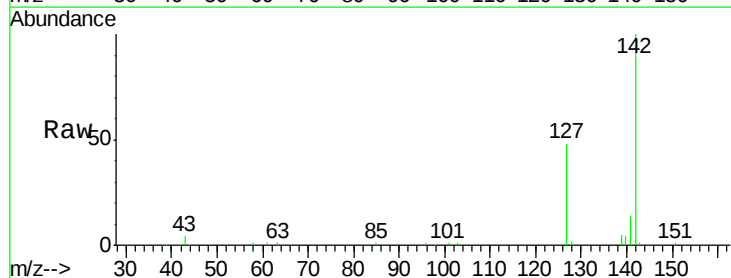


Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 84.95 (84.65 to 85.65): V  
 Ion 150.90 (150.60 to 151.60): V

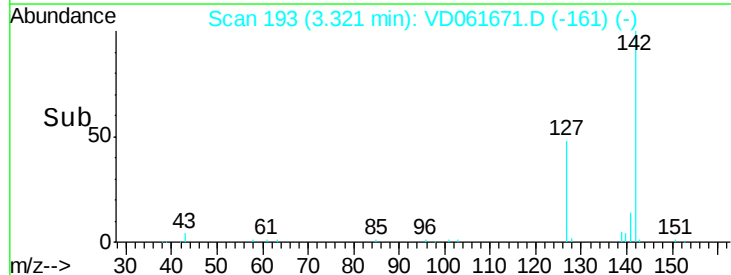
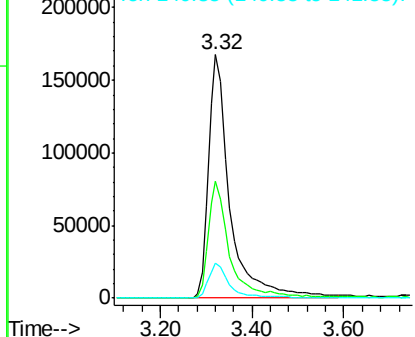


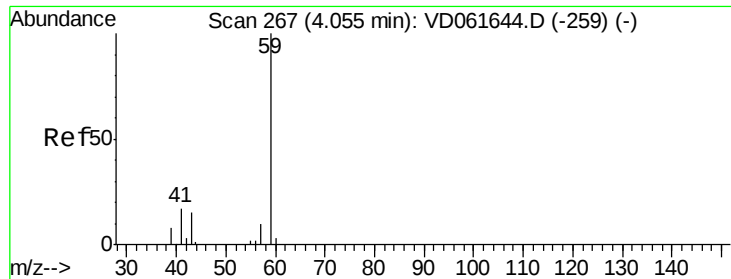
#10  
 Methyl Iodide  
 Concen: 48.326 ug/l  
 RT: 3.32 min Scan# 193  
 Delta R.T. 0.02 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Tgt Ion:142 Resp: 538234  
 Ion Ratio Lower Upper  
 142 100  
 127 48.1 37.2 55.8  
 141 14.1 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



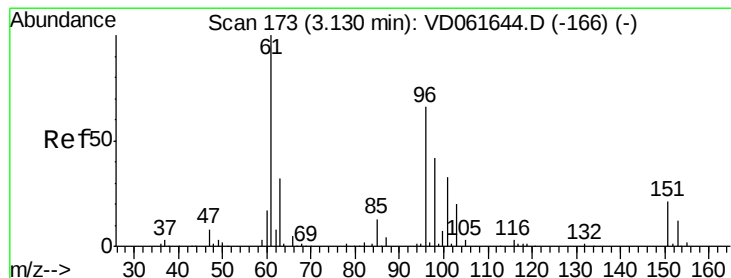
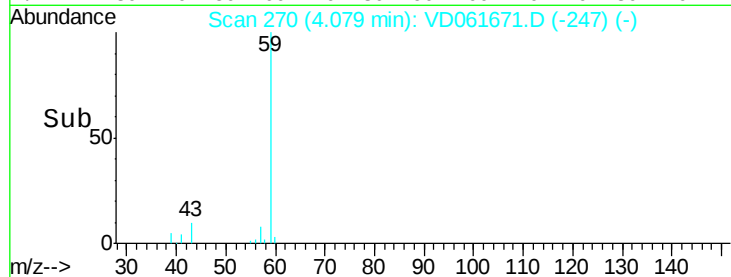
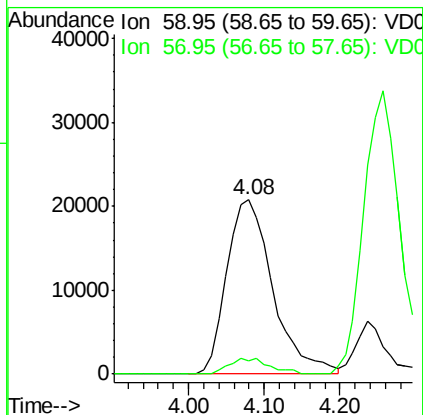
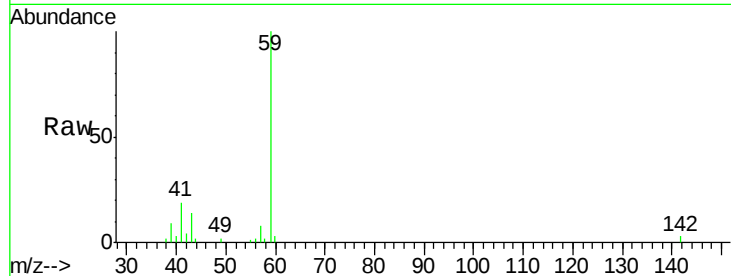


#11

Tert butyl alcohol  
Concen: 279.637 ug/l  
RT: 4.08 min Scan# 270  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampleId :

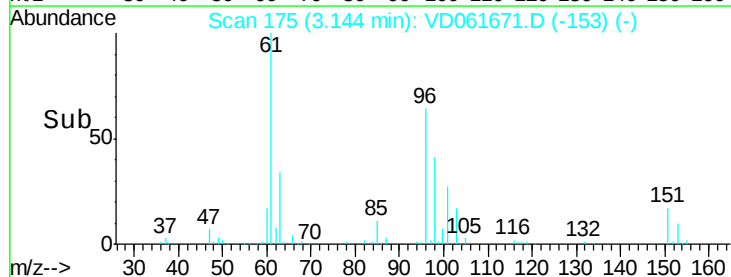
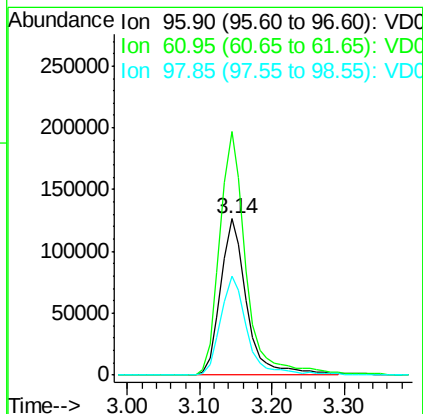
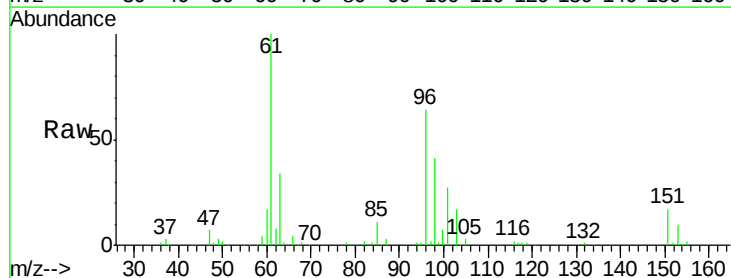
Tot Ion: 59 Resp: 87975  
Ion Ratio Lower Upper  
59 100  
57 7.8 8.4 12.6#

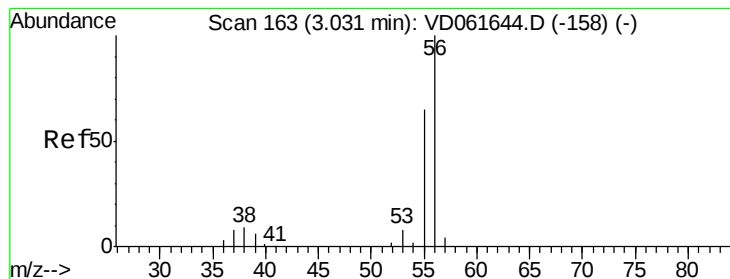


#12

1,1-Dichloroethene  
Concen: 49.448 ug/l  
RT: 3.14 min Scan# 175  
Delta R.T. 0.01 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion: 96 Resp: 319241  
Ion Ratio Lower Upper  
96 100  
61 155.7 121.3 181.9  
98 63.1 50.6 76.0





#13

Acrolein

Concen: 264.992 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

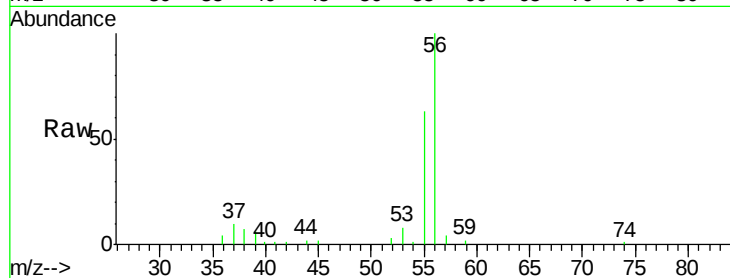
ClientSampleId :

Tot Ion: 56 Resp: 101643

Ion Ratio Lower Upper

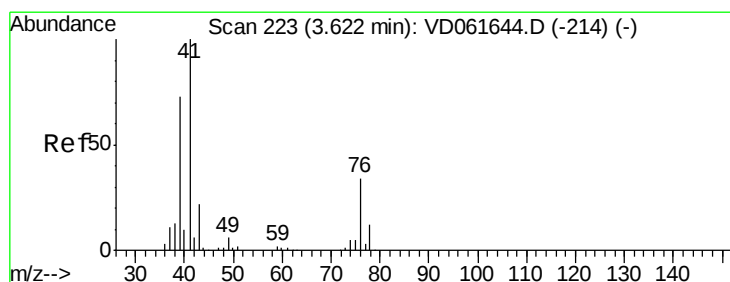
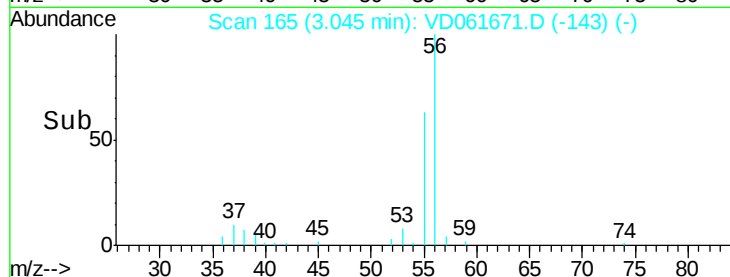
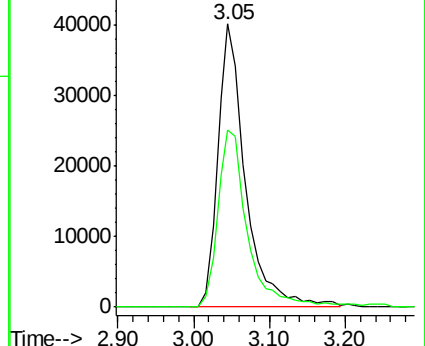
56 100

55 62.7 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: 48.893 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

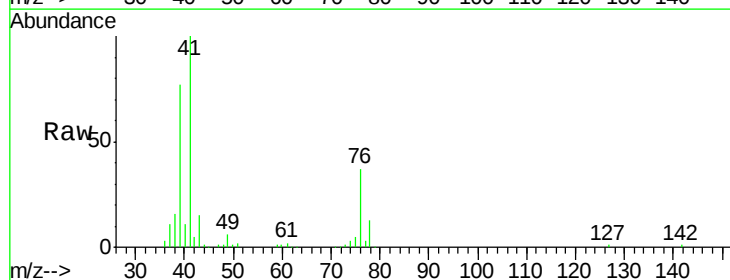
Tgt Ion: 41 Resp: 430529

Ion Ratio Lower Upper

41 100

39 76.7 58.2 87.4

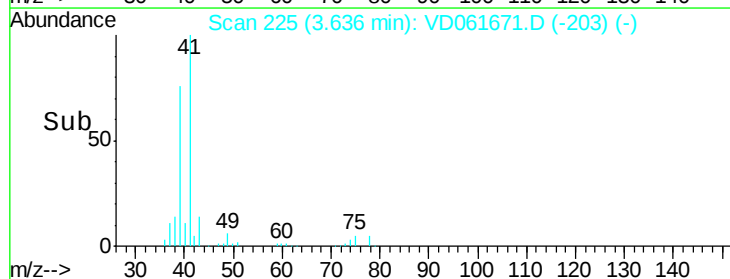
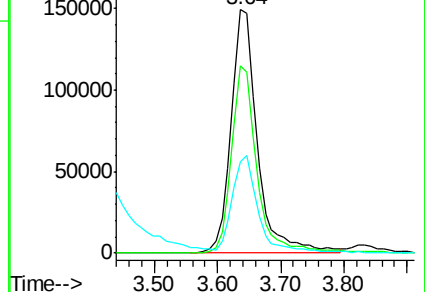
76 37.4 29.8 44.6

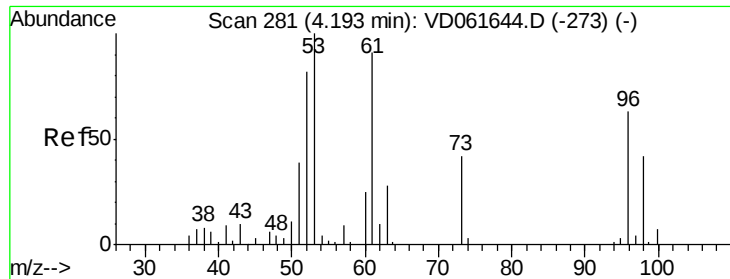


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 250.125 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.02 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampleId :

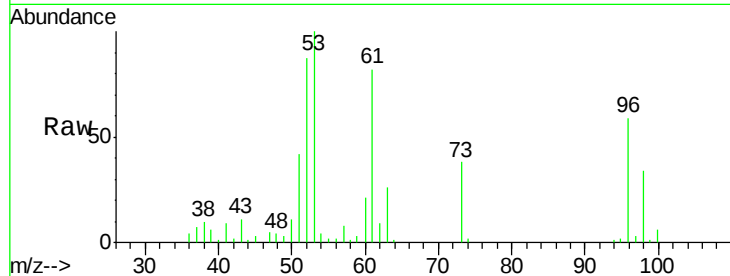
Tot Ion: 53 Resp: 270878

Ion Ratio Lower Upper

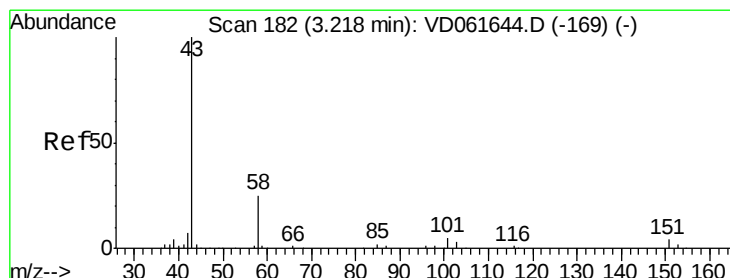
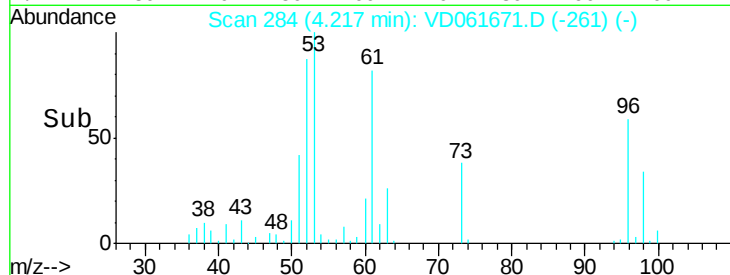
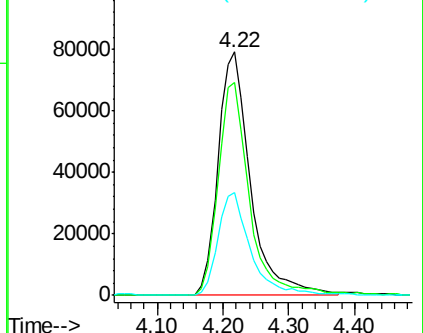
53 100

52 87.5 65.9 98.9

51 42.4 31.4 47.2



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



#16

Acetone

Concen: 287.571 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061671.D

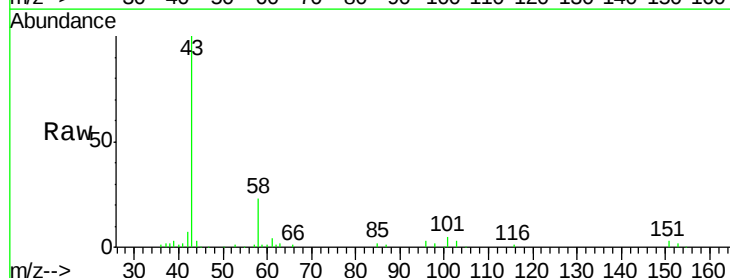
Acq: 9 Apr 2019 13:11

Tgt Ion: 43 Resp: 403541

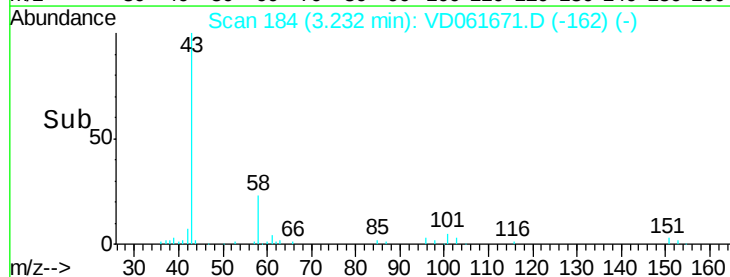
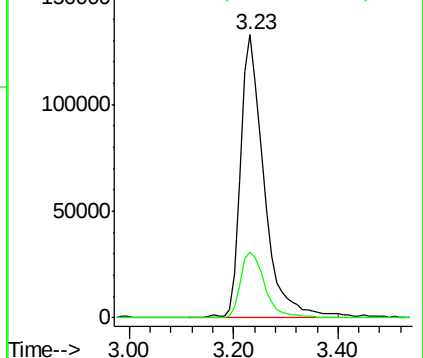
Ion Ratio Lower Upper

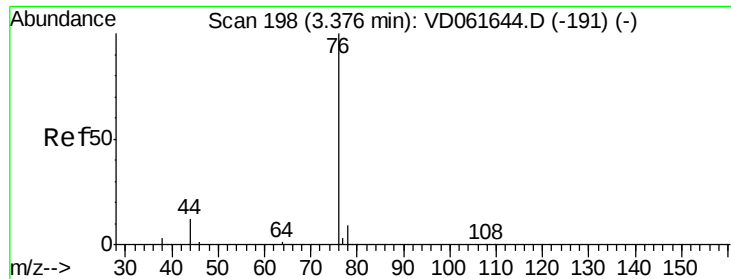
43 100

58 23.4 19.7 29.5



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

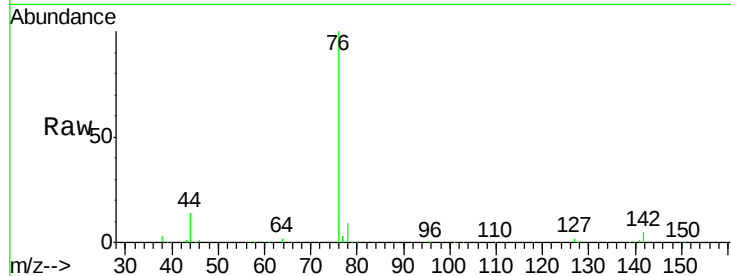




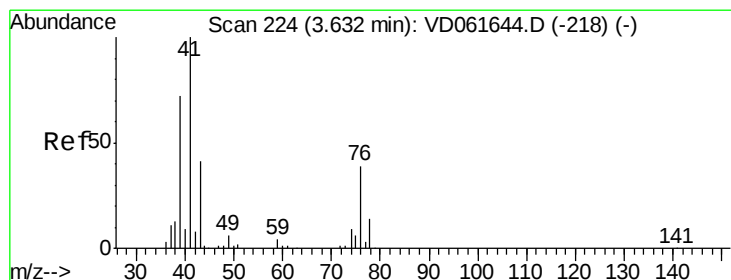
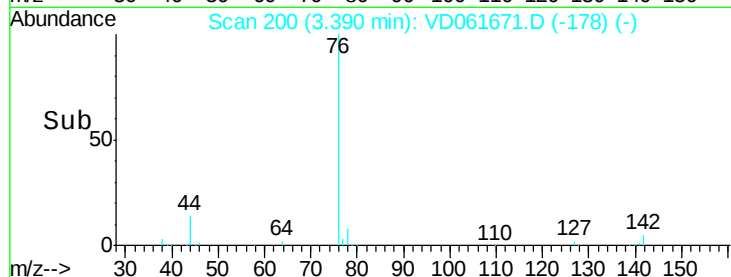
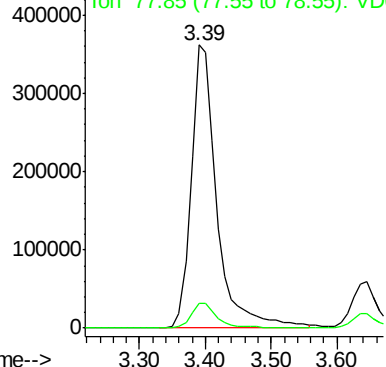
#17  
Carbon Disulfide  
Concen: 46.663 ug/l  
RT: 3.39 min Scan# 200  
Delta R.T. 0.01 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampleID :

Tot Ion: 76 Resp: 978896  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.2

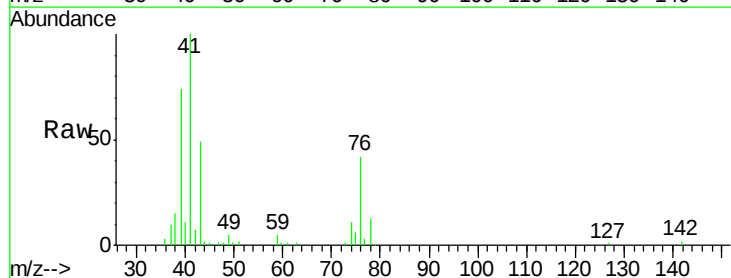


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

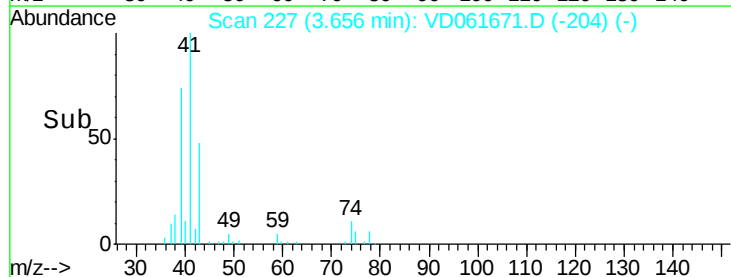
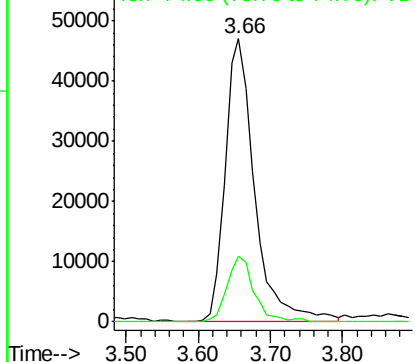


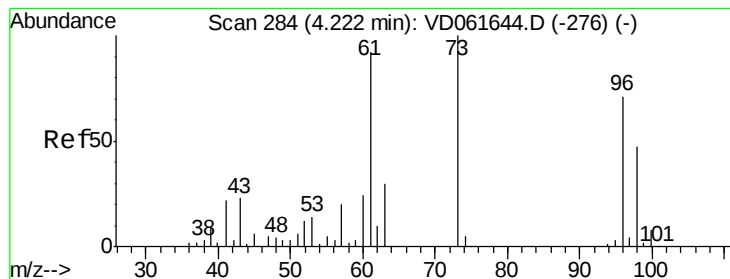
#18  
Methyl Acetate  
Concen: 50.636 ug/l  
RT: 3.66 min Scan# 227  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion: 43 Resp: 133687  
Ion Ratio Lower Upper  
43 100  
74 23.1 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 74.00 (73.70 to 74.70): VDC



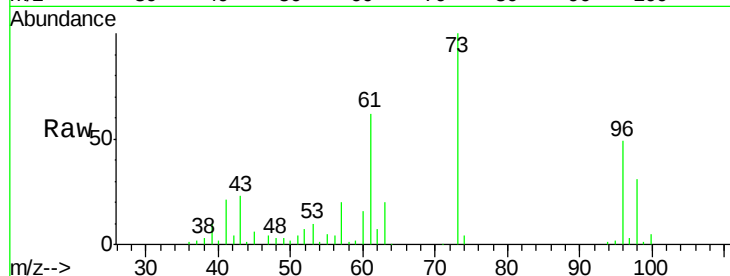


#19

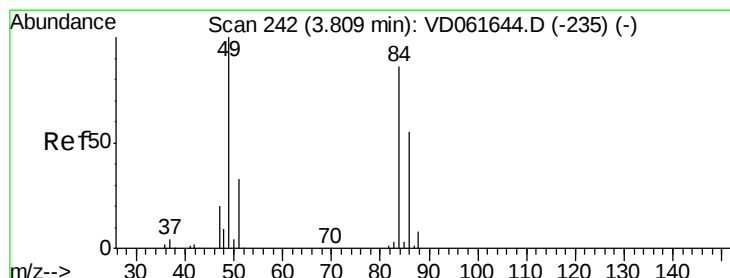
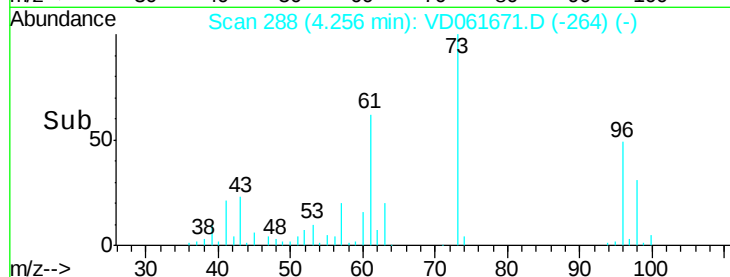
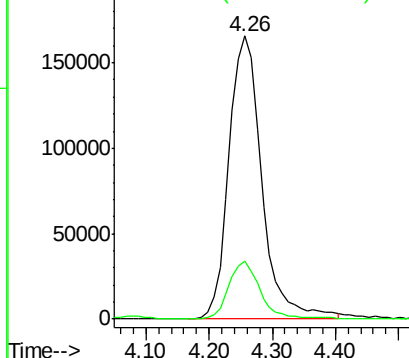
Methyl tert-butyl Ether  
 Concen: 53.555 ug/l  
 RT: 4.26 min Scan# 288  
 Delta R.T. 0.03 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 73 Resp: 598684  
 Ion Ratio Lower Upper  
 73 100  
 57 20.4 16.0 24.0



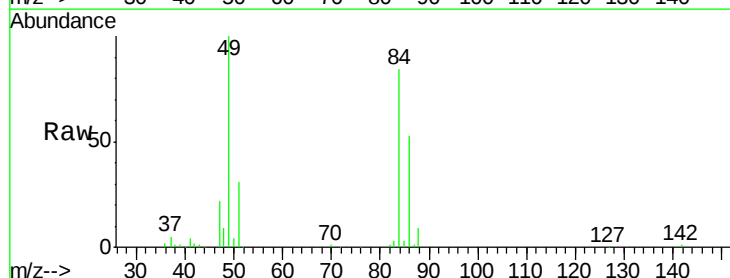
Abundance Ion 73.00 (72.70 to 73.70): VDC  
 Ion 57.05 (56.75 to 57.75): VDC



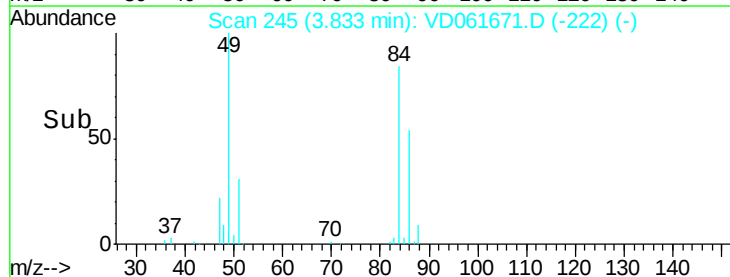
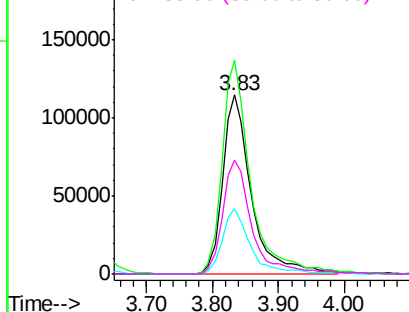
#20

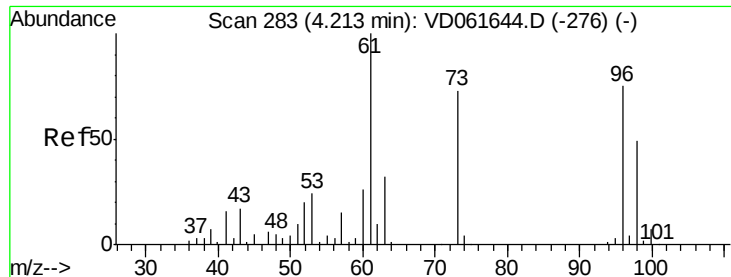
Methylene Chloride  
 Concen: 43.957 ug/l  
 RT: 3.83 min Scan# 245  
 Delta R.T. 0.02 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Tgt Ion: 84 Resp: 350023  
 Ion Ratio Lower Upper  
 84 100  
 49 119.5 93.0 139.4  
 51 36.5 30.4 45.6  
 86 63.9 51.0 76.4



Abundance Ion 83.95 (83.65 to 84.65): VDC  
 Ion 48.90 (48.60 to 49.60): VDC  
 Ion 50.90 (50.60 to 51.60): VDC  
 Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 50.562 ug/l

RT: 4.24 min Scan# 286

Delta R.T. 0.02 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

ClientSampleId :

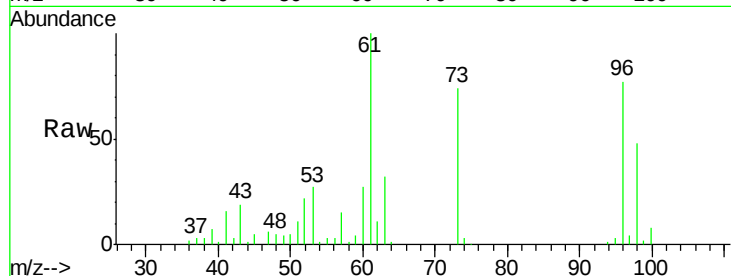
Tot Ion: 96 Resp: 354546

Ion Ratio Lower Upper

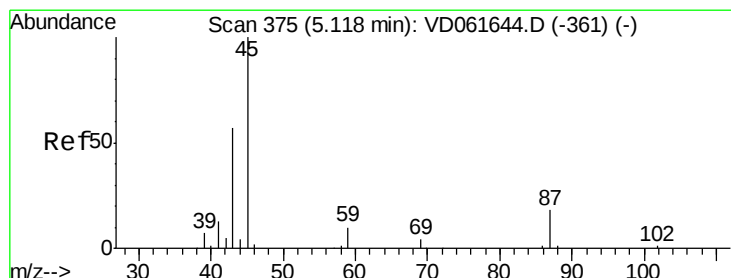
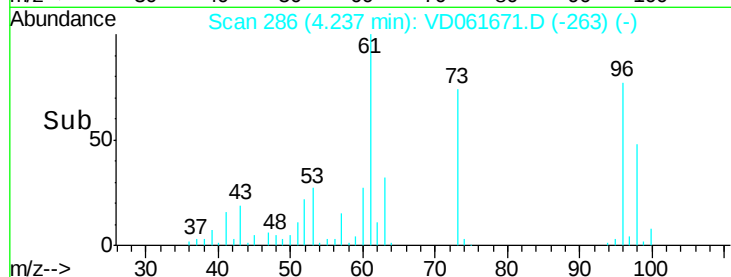
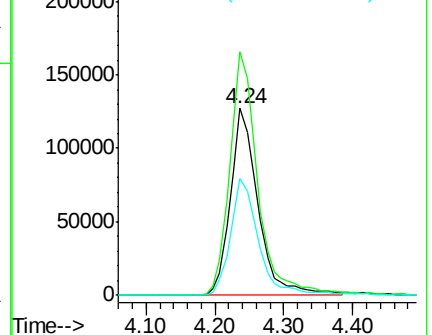
96 100

61 130.2 106.8 160.2

98 62.4 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: 54.337 ug/l

RT: 5.14 min Scan# 378

Delta R.T. 0.02 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Tgt Ion: 45 Resp: 1003162

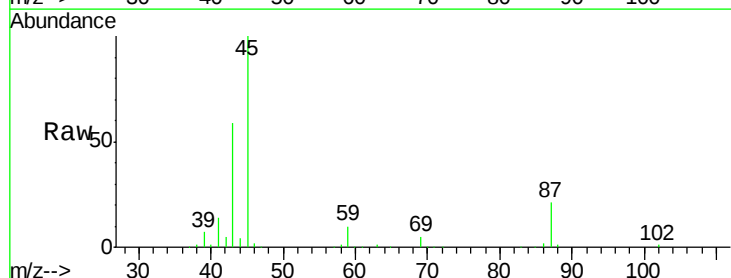
Ion Ratio Lower Upper

45 100

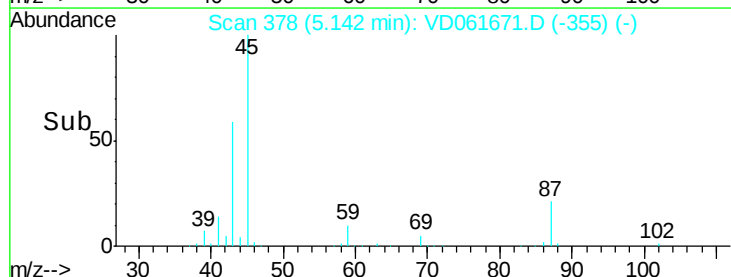
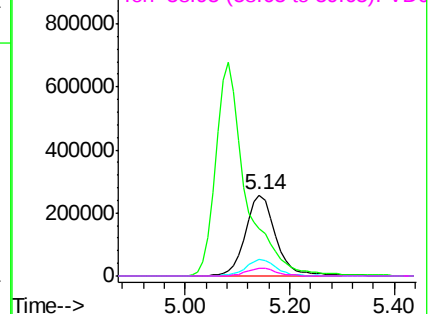
43 59.3 46.6 70.0

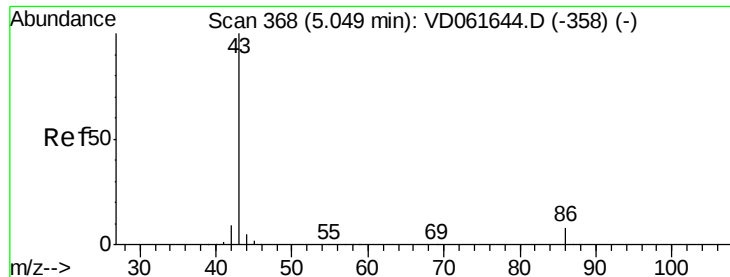
87 20.6 15.6 23.4

59 10.1 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: 261.192 ug/l

RT: 5.08 min Scan# 372

Delta R.T. 0.03 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

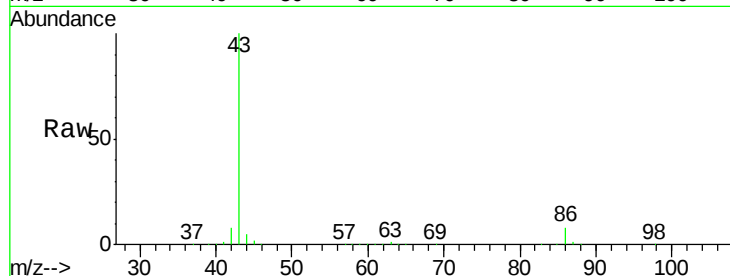
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 2660744

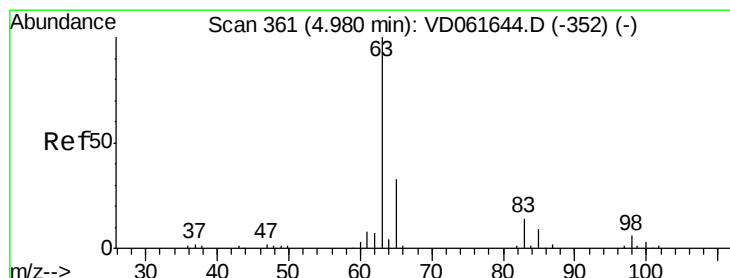
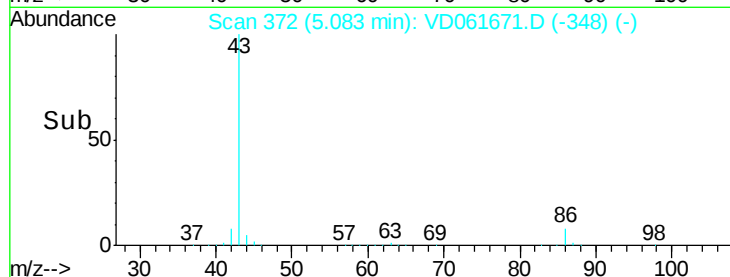
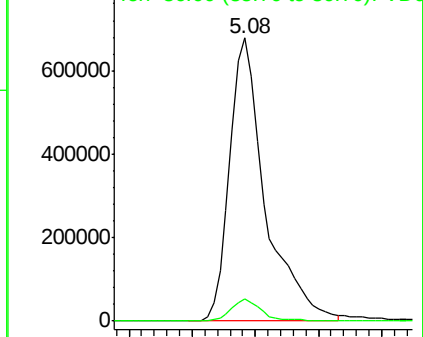
Ion Ratio Lower Upper

43 100

86 7.7 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 51.707 ug/l

RT: 5.01 min Scan# 365

Delta R.T. 0.03 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

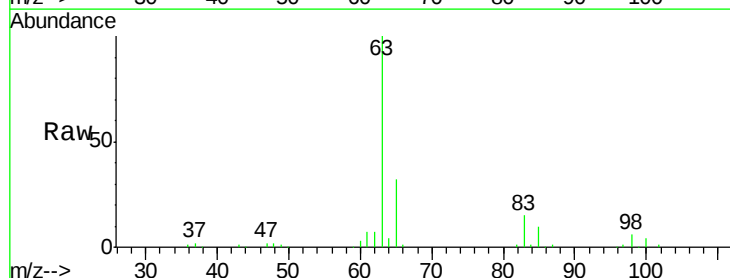
Tgt Ion: 63 Resp: 584970

Ion Ratio Lower Upper

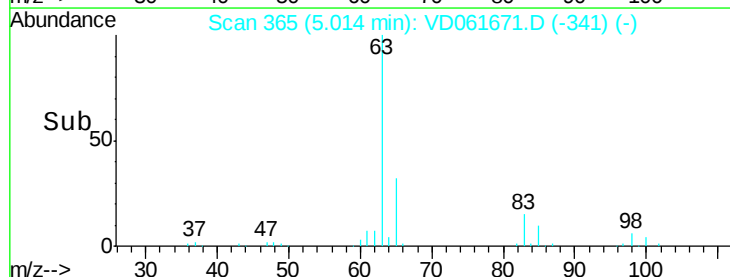
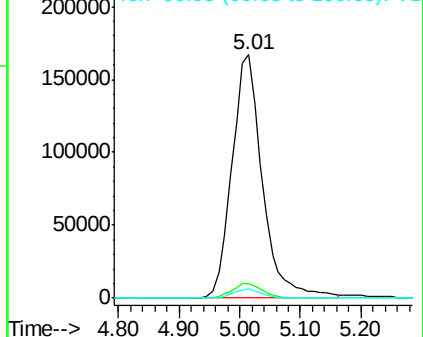
63 100

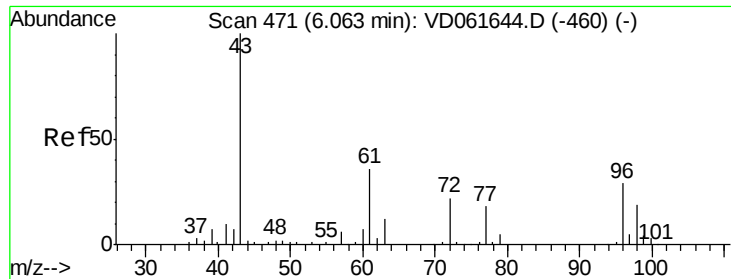
98 5.7 2.9 8.6

100 3.8 1.7 5.1



Abundance Ion 62.95 (62.65 to 63.65): VDC  
Ion 97.95 (97.65 to 98.65): VDC  
Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 283.049 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.02 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

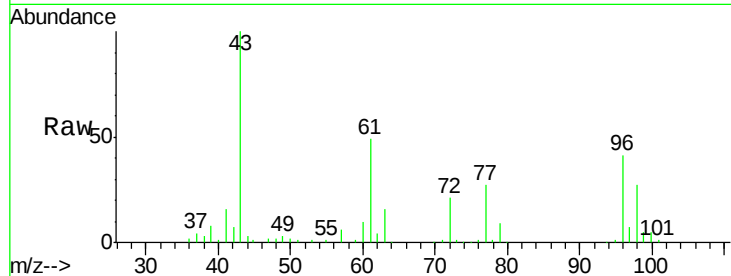
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 457898

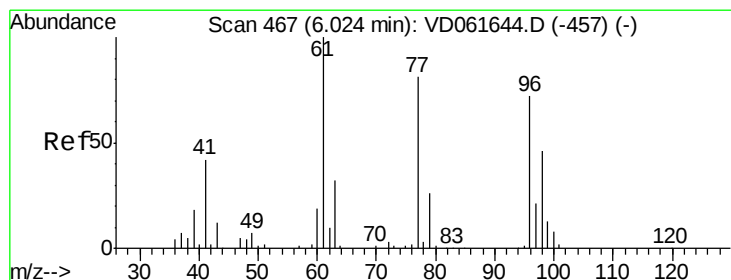
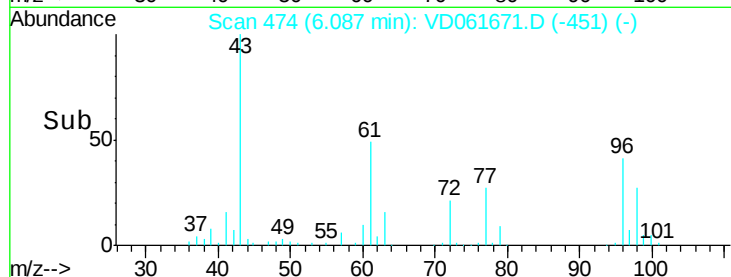
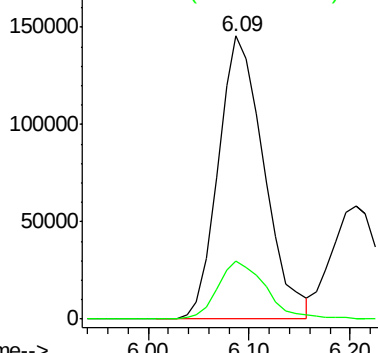
Ion Ratio Lower Upper

43 100

72 20.5 17.4 26.2



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



#26

2,2-Dichloropropane

Concen: 55.556 ug/l

RT: 6.05 min Scan# 470

Delta R.T. 0.02 min

Lab File: VD061671.D

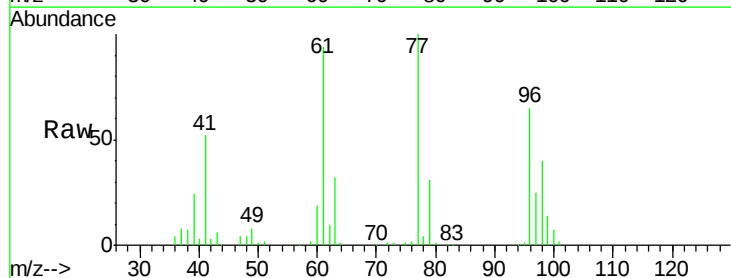
Acq: 9 Apr 2019 13:11

Tgt Ion: 77 Resp: 511779

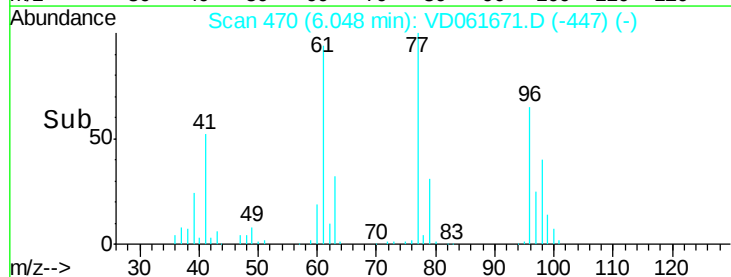
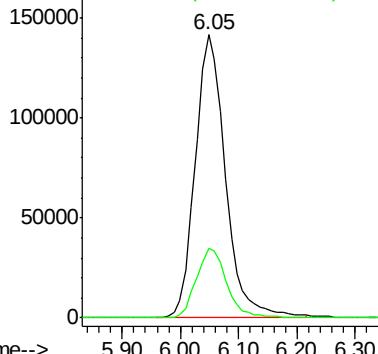
Ion Ratio Lower Upper

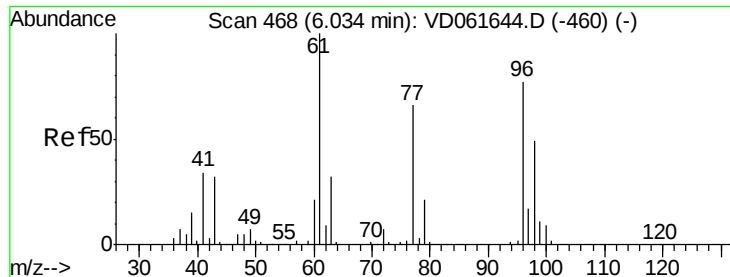
77 100

97 24.6 12.7 38.0



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



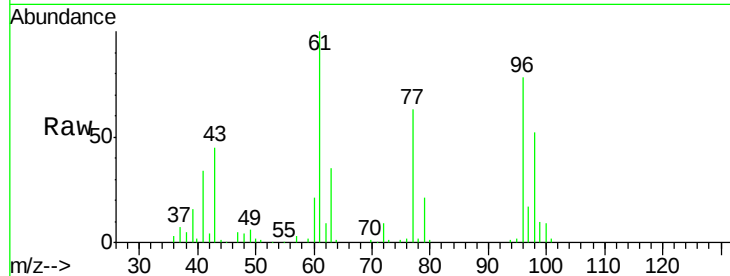


#27

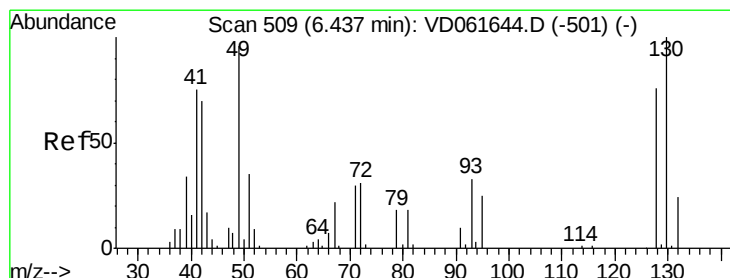
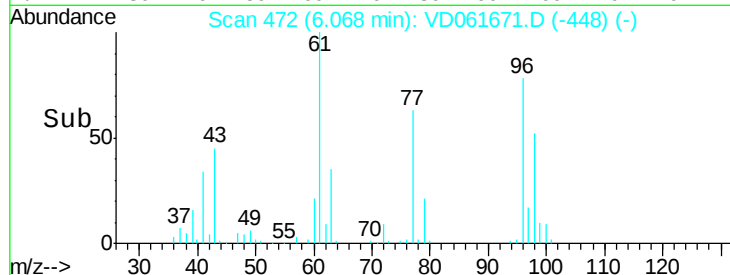
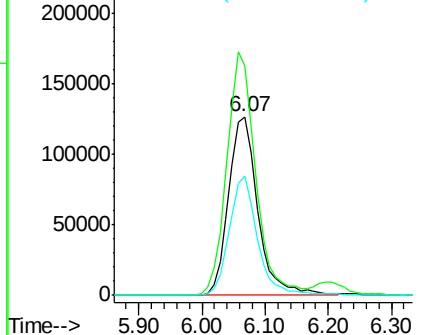
cis-1,2-Dichloroethene  
Concen: 54.076 ug/l  
RT: 6.07 min Scan# 472  
Delta R.T. 0.03 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 96 Resp: 404523  
Ion Ratio Lower Upper  
96 100  
61 128.7 0.0 259.8  
98 67.0 0.0 127.6



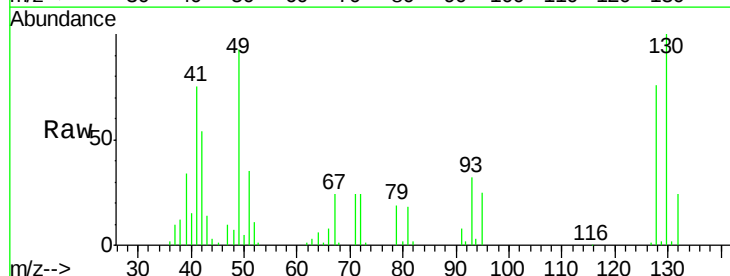
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



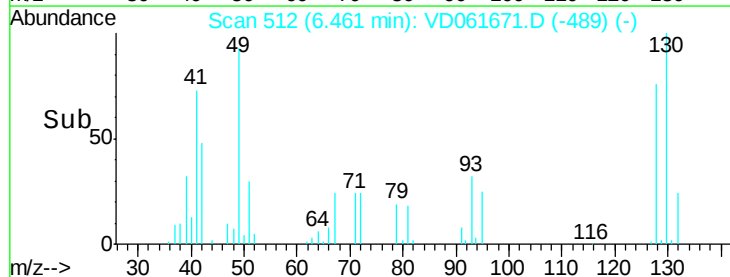
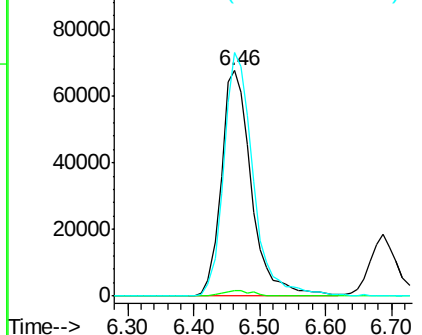
#28

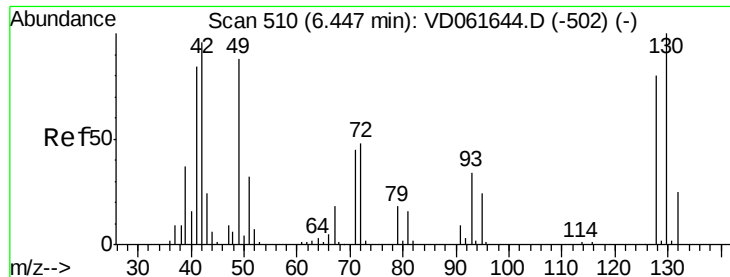
Bromochloromethane  
Concen: 51.779 ug/l  
RT: 6.46 min Scan# 512  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion: 49 Resp: 216092  
Ion Ratio Lower Upper  
49 100  
129 2.5 0.0 4.0  
130 107.9 83.3 124.9



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

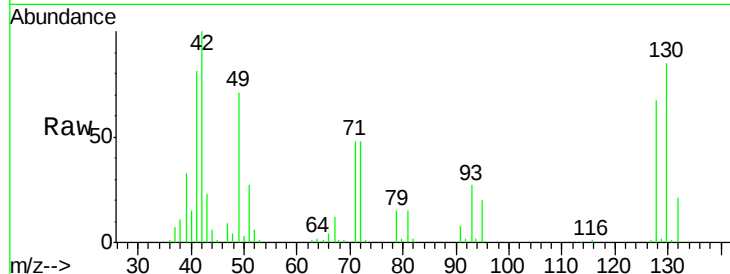




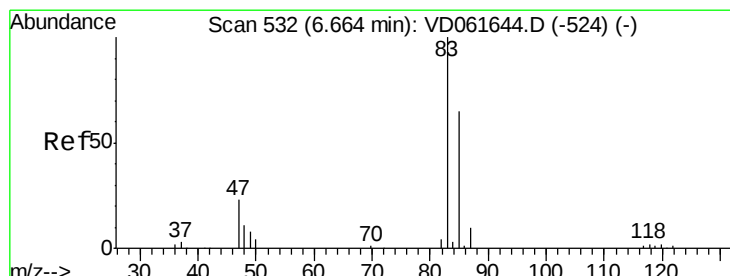
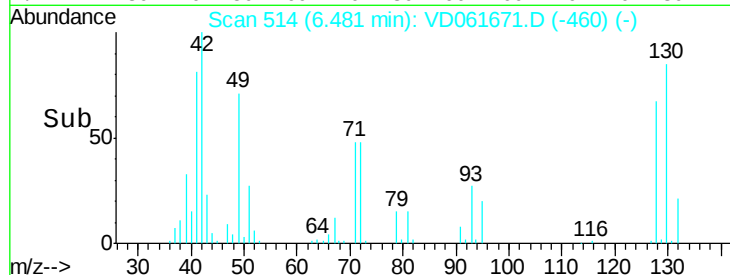
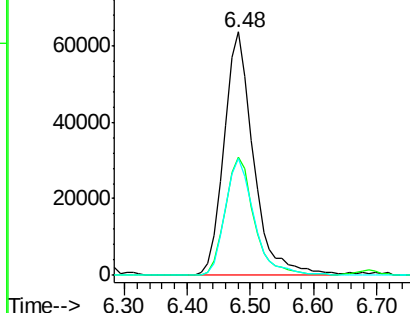
#29  
Tetrahydrofuran  
Concen: 262.955 ug/l  
RT: 6.48 min Scan# 514  
Delta R.T. 0.03 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 42 Resp: 205351  
Ion Ratio Lower Upper  
42 100  
72 47.7 37.0 55.6  
71 47.4 36.5 54.7

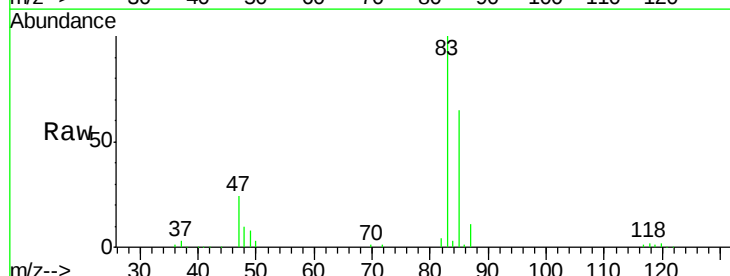


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

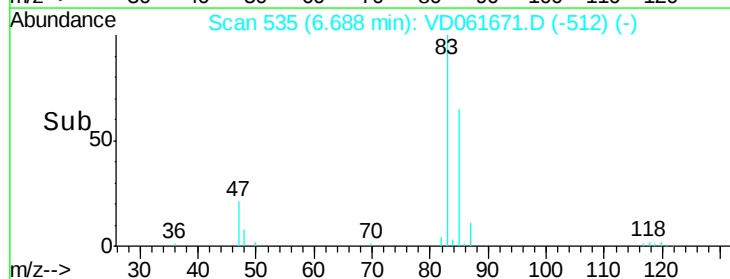
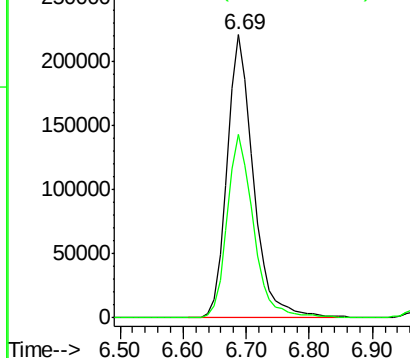


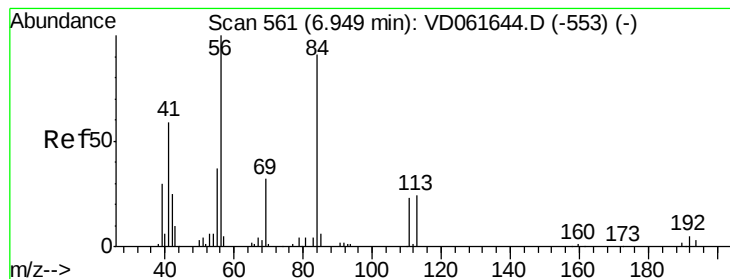
#30  
Chloroform  
Concen: 53.596 ug/l  
RT: 6.69 min Scan# 535  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion: 83 Resp: 635207  
Ion Ratio Lower Upper  
83 100  
85 64.9 51.9 77.9



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





#31

Cvclohexane

Concen: 52.185 ug/l

RT: 6.98 min Scan# 565

Delta R.T. 0.03 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

ClientSampleId :

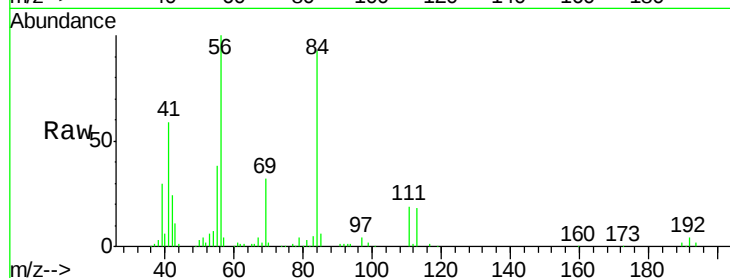
Tot Ion: 56 Resp: 461223

Ion Ratio Lower Upper

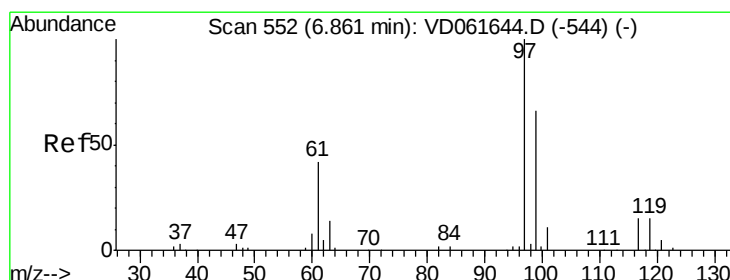
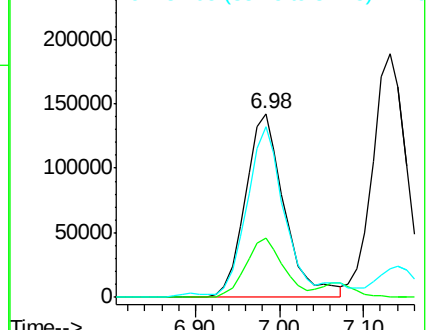
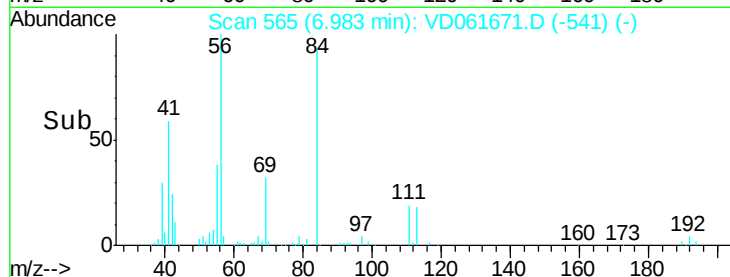
56 100

69 32.5 25.8 38.6

84 93.1 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: 53.889 ug/l

RT: 6.89 min Scan# 556

Delta R.T. 0.03 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

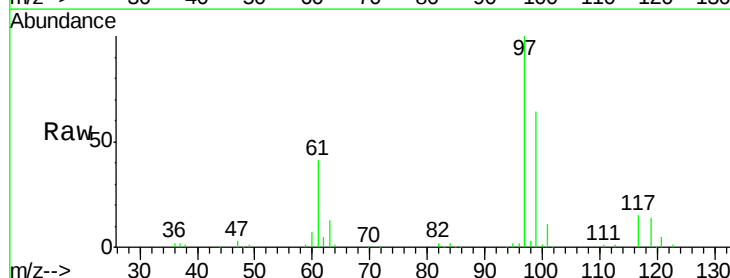
Tgt Ion: 97 Resp: 559680

Ion Ratio Lower Upper

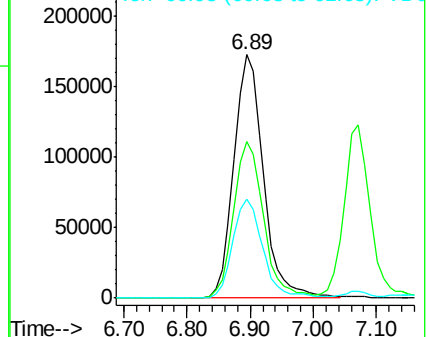
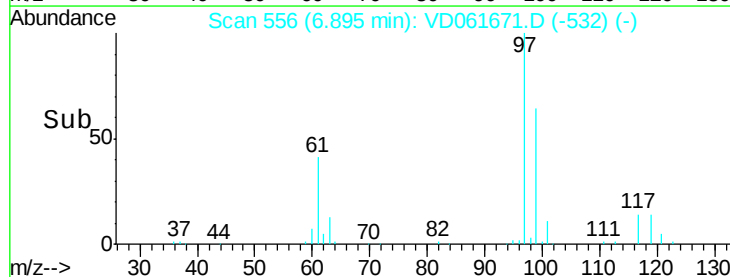
97 100

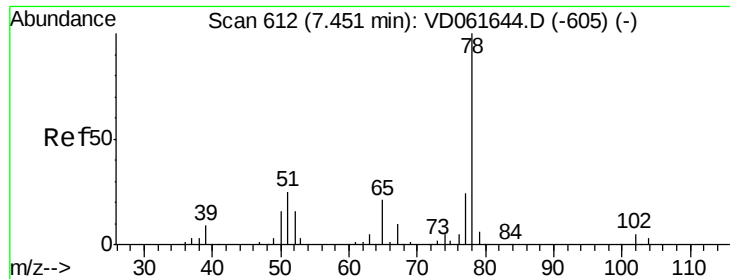
99 64.3 52.5 78.7

61 40.6 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: 53.889 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.02 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

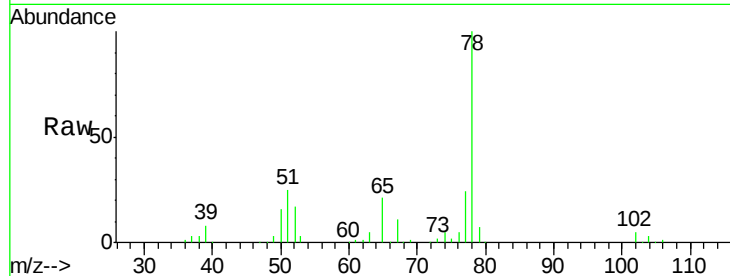
ClientSampleId :

Tot Ion: 65 Resp: 233228

Ion Ratio Lower Upper

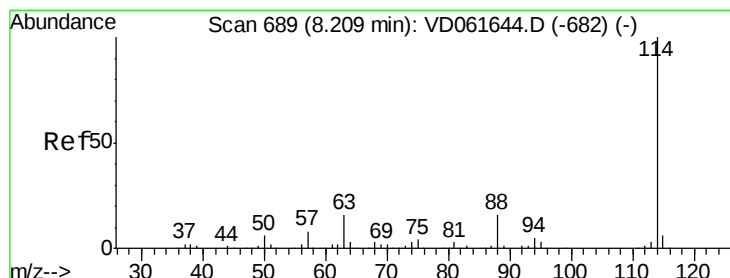
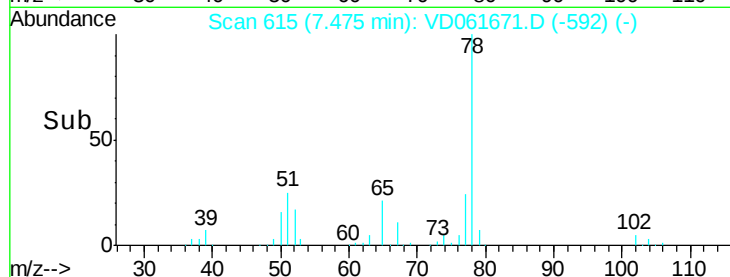
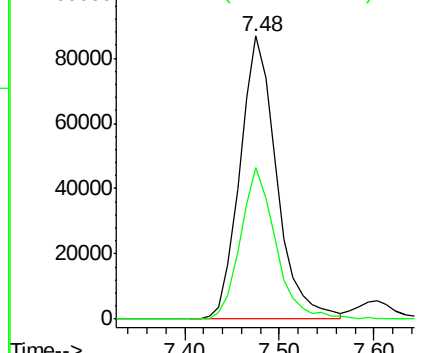
65 100

67 53.5 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 693

Delta R.T. 0.03 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

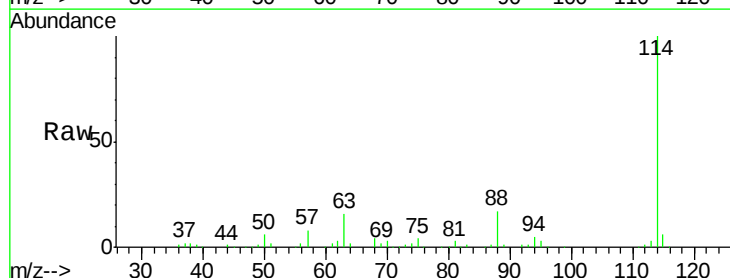
Tgt Ion: 114 Resp: 975435

Ion Ratio Lower Upper

114 100

63 15.7 0.0 31.2

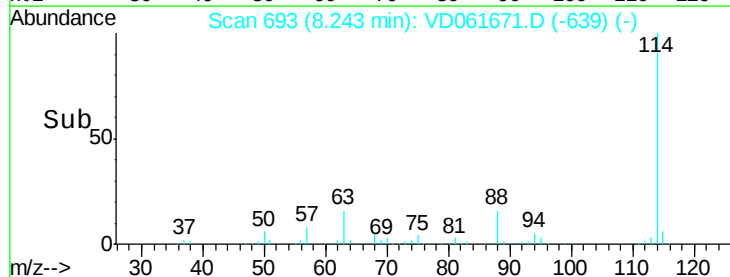
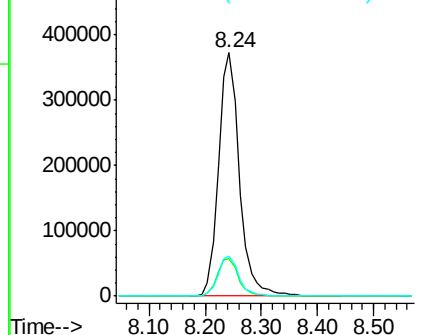
88 16.5 0.0 31.8

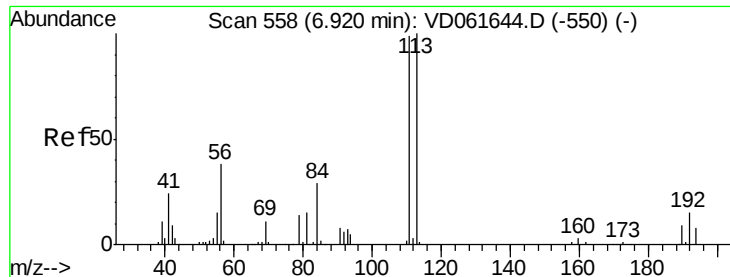


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

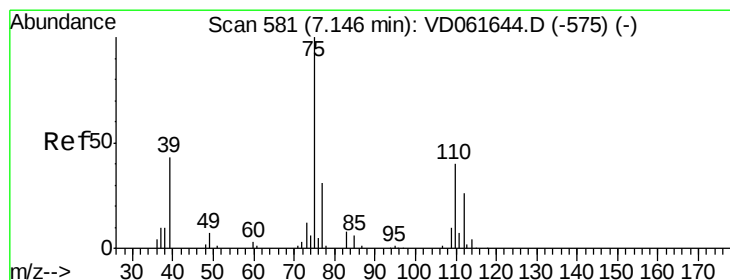
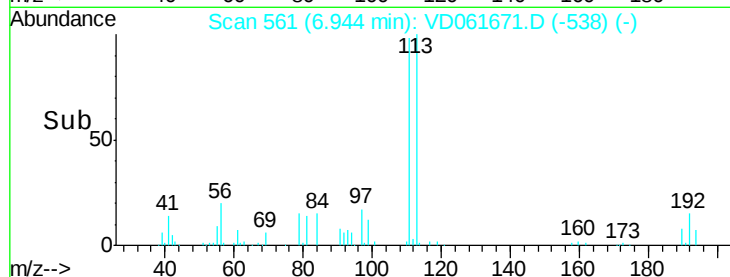
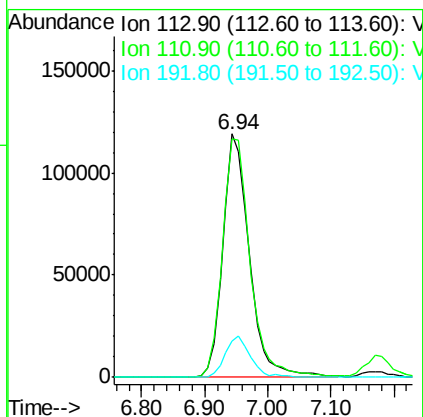
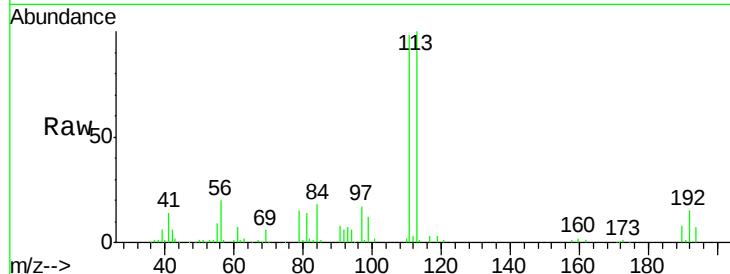




#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 6.94 min Scan# 561  
 Delta R.T. 0.02 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

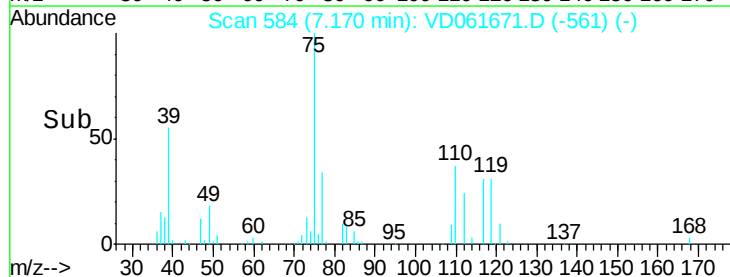
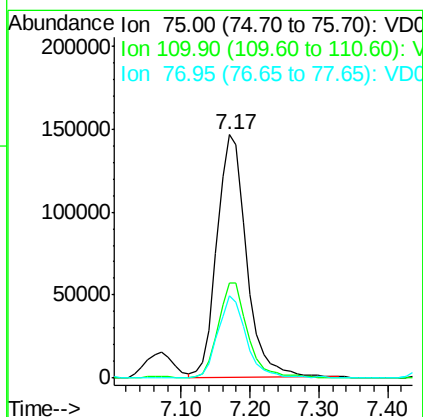
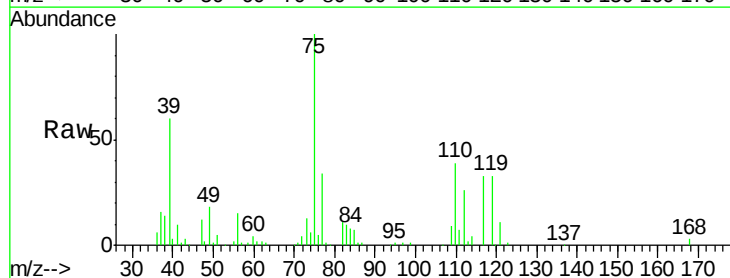
Instrument :  
 MSVOA\_D  
 ClientSampleId :

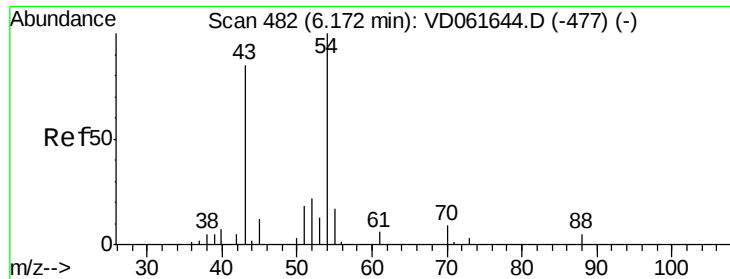
Tot Ion:113 Resp: 346685  
 Ion Ratio Lower Upper  
 113 100  
 111 97.7 79.3 118.9  
 192 15.0 12.3 18.5



#36  
 1,1-Dichloropropene  
 Concen: 50.860 ug/l  
 RT: 7.17 min Scan# 584  
 Delta R.T. 0.02 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Tgt Ion: 75 Resp: 434183  
 Ion Ratio Lower Upper  
 75 100  
 110 38.9 19.7 59.0  
 77 33.7 24.8 37.2

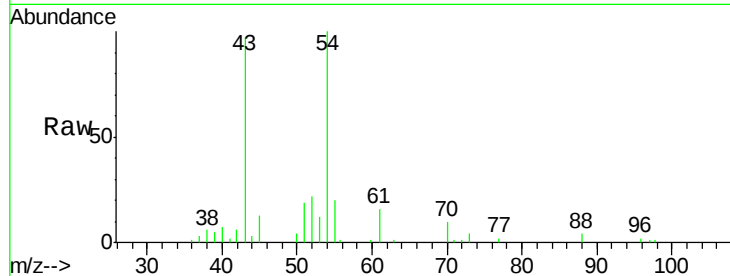




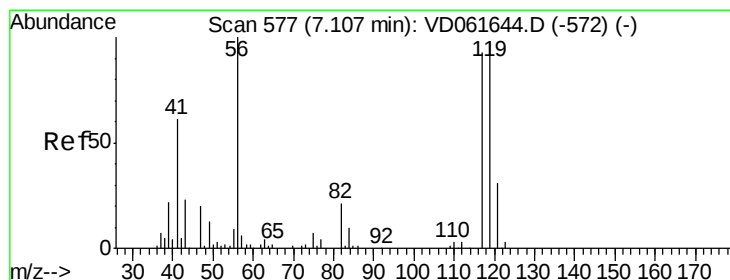
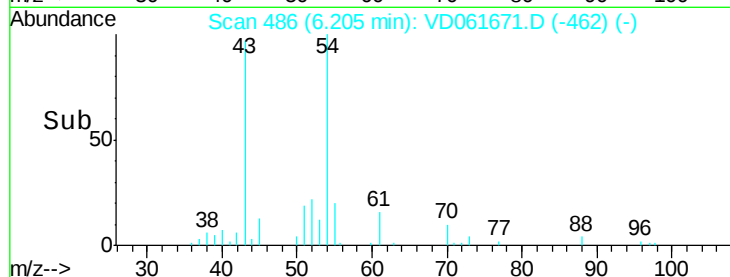
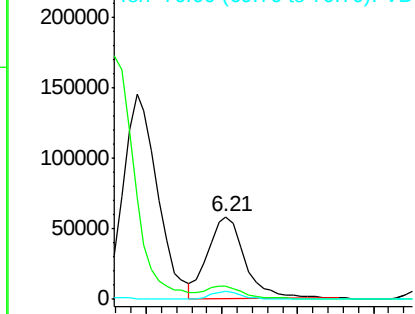
#37  
Ethyl Acetate  
Concen: 57.029 ug/l  
RT: 6.21 min Scan# 486  
Delta R.T. 0.03 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 198300  
Ion Ratio Lower Upper  
43 100  
61 15.9 11.9 17.9  
70 10.4 6.9 10.3#

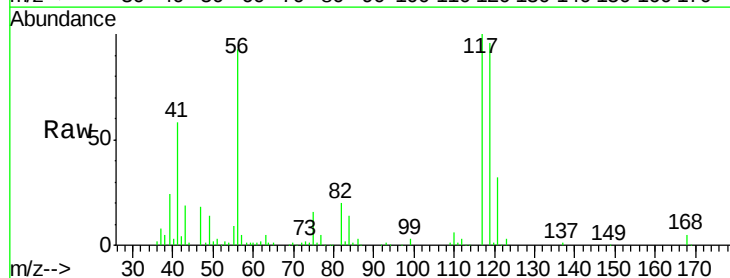


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

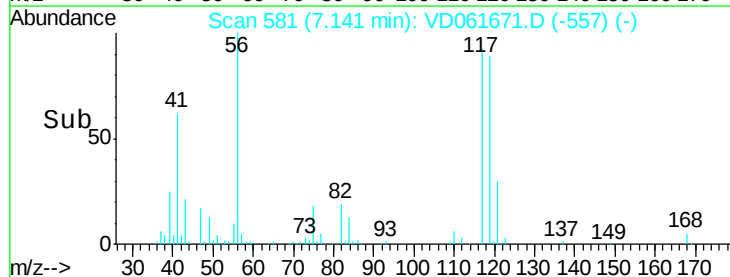
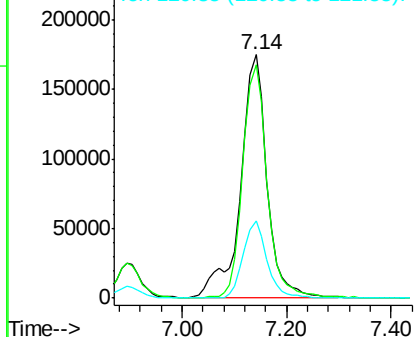


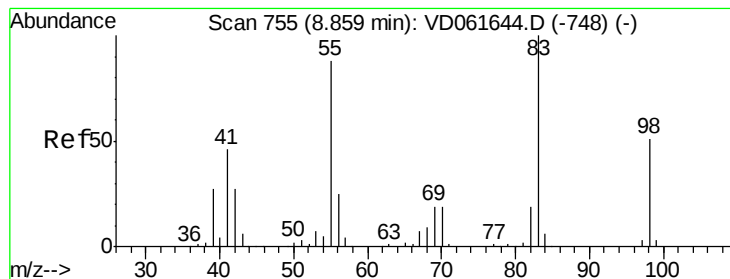
#38  
Carbon Tetrachloride  
Concen: 59.470 ug/l  
RT: 7.14 min Scan# 581  
Delta R.T. 0.03 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion: 117 Resp: 595012  
Ion Ratio Lower Upper  
117 100  
119 96.0 77.9 116.9  
121 31.8 24.7 37.1



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 118.85 (118.55 to 119.55): V  
Ion 120.85 (120.55 to 121.55): V





#39

Methvlcvclohexane

Concen: 51.838 ug/l

RT: 8.88 min Scan# 758

Delta R.T. 0.02 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

ClientSampled :

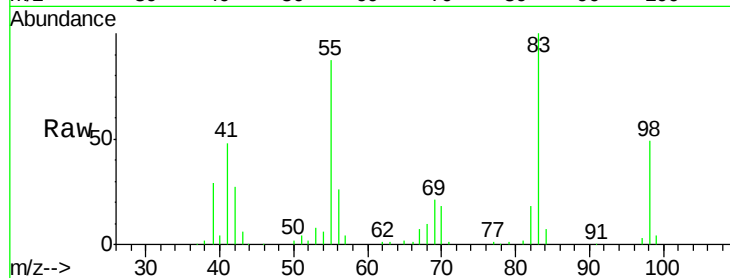
Tot Ion: 83 Resp: 454333

Ion Ratio Lower Upper

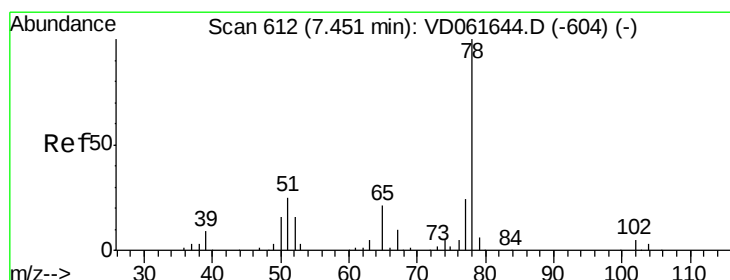
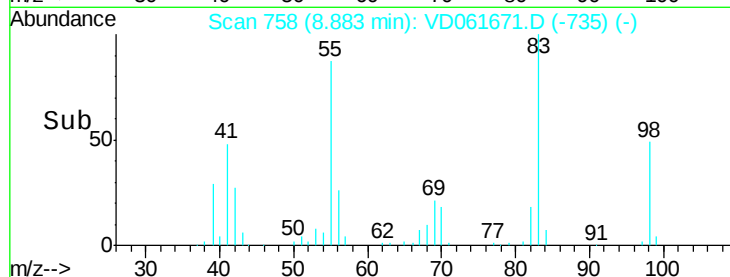
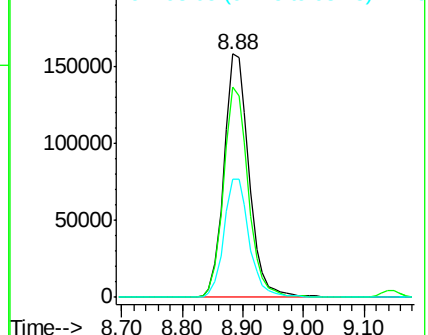
83 100

55 86.5 70.3 105.5

98 48.5 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: 55.849 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.02 min

Lab File: VD061671.D

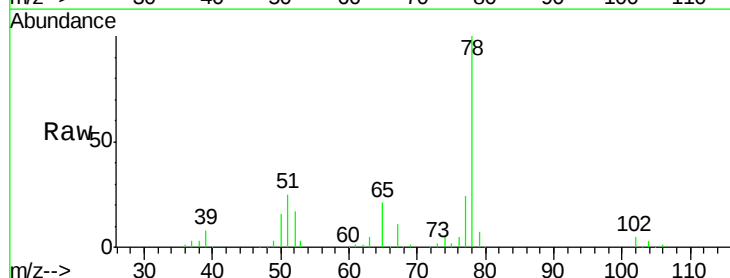
Acq: 9 Apr 2019 13:11

Tgt Ion: 78 Resp: 1150215

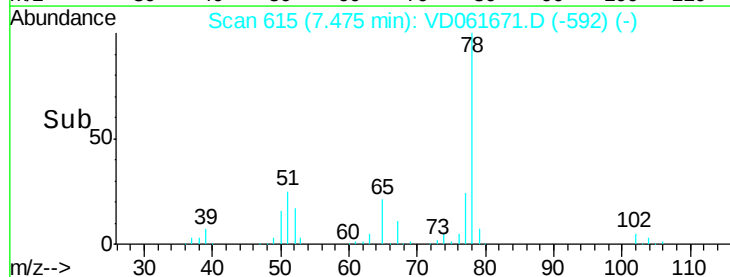
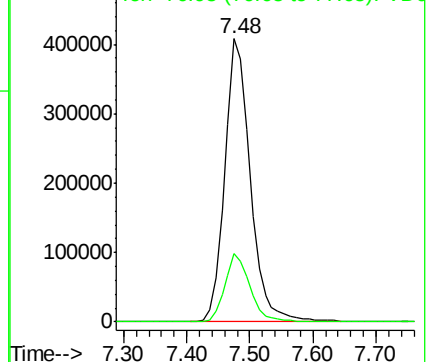
Ion Ratio Lower Upper

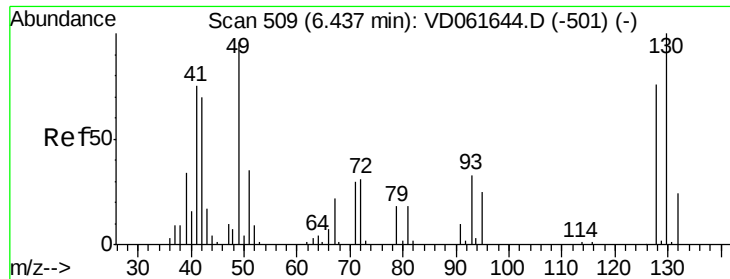
78 100

77 24.1 19.5 29.3



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

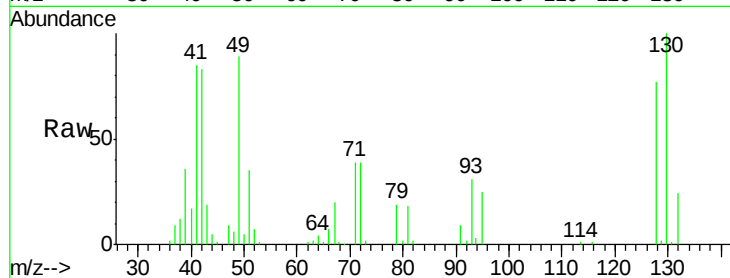




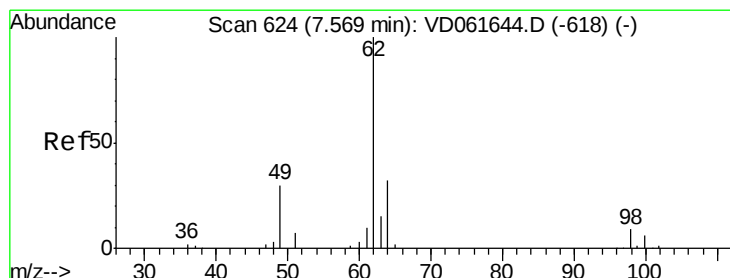
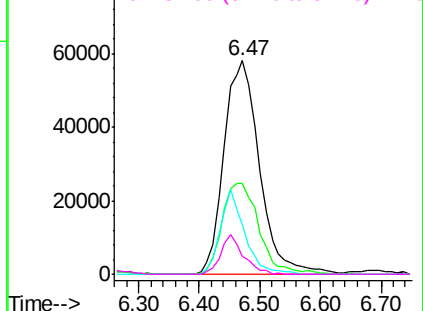
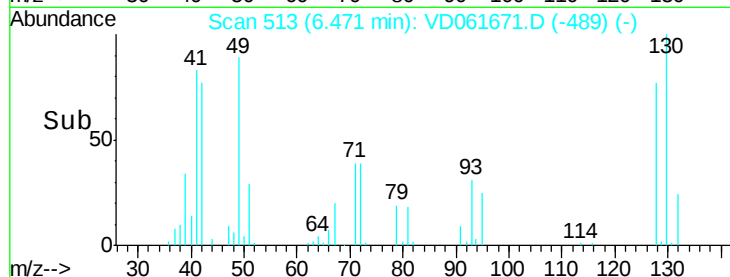
#41  
Methacrylonitrile  
Concen: 58.276 ug/l  
RT: 6.47 min Scan# 513  
Delta R.T. 0.03 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 41 Resp: 236548  
Ion Ratio Lower Upper  
41 100  
39 42.5 36.2 54.2  
67 23.4 23.2 34.8  
52 8.5 10.0 15.0#

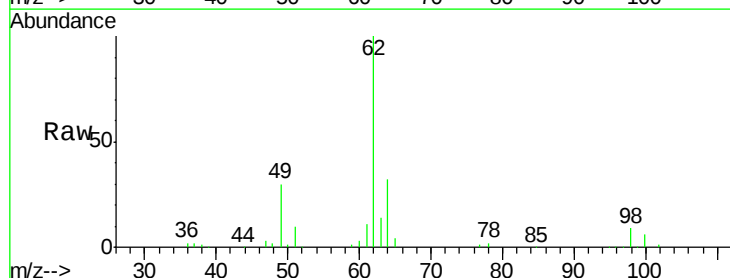


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

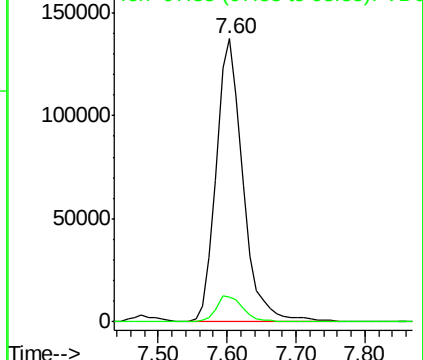
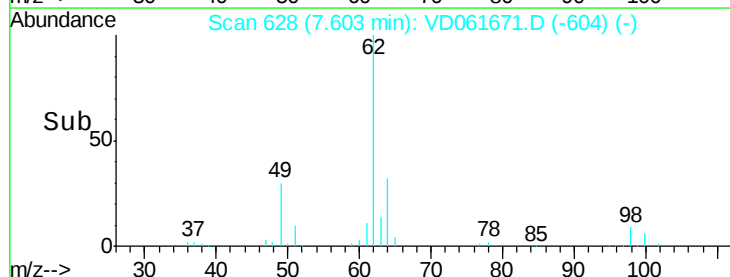


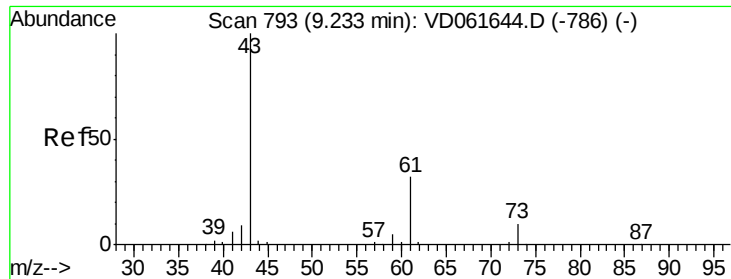
#42  
1,2-Dichloroethane  
Concen: 57.173 ug/l  
RT: 7.60 min Scan# 628  
Delta R.T. 0.03 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion: 62 Resp: 370303  
Ion Ratio Lower Upper  
62 100  
98 8.7 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: 54.728 ug/l

RT: 9.26 min Scan# 796

Delta R.T. 0.02 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

ClientSampleId :

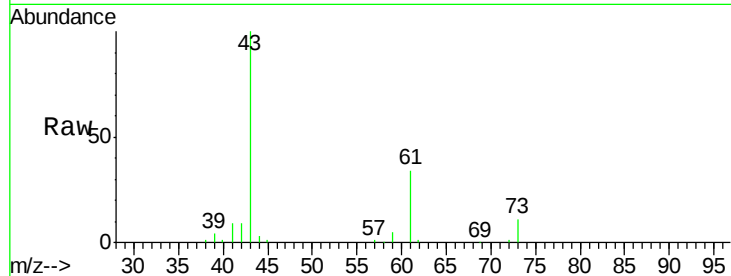
Tot Ion: 43 Resp: 276179

Ion Ratio Lower Upper

43 100

61 34.0 25.9 38.9

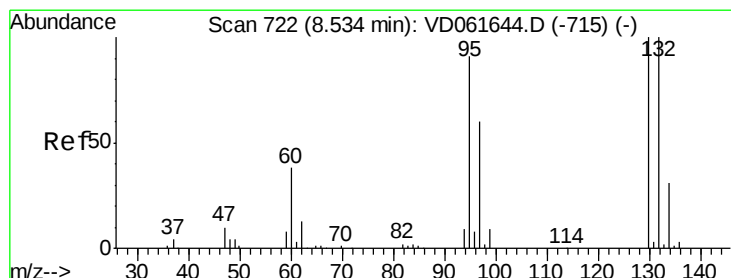
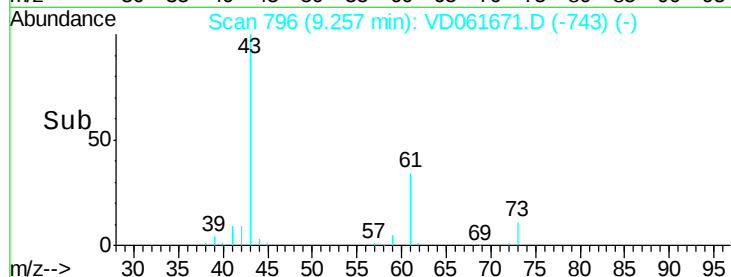
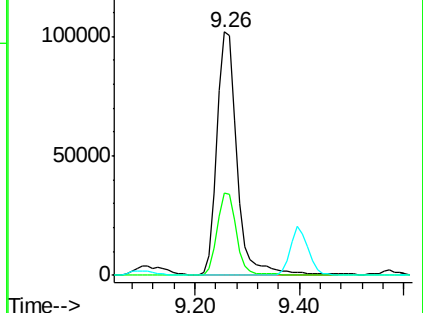
87 0.0 0.2 0.4#



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: 53.642 ug/l

RT: 8.57 min Scan# 726

Delta R.T. 0.03 min

Lab File: VD061671.D

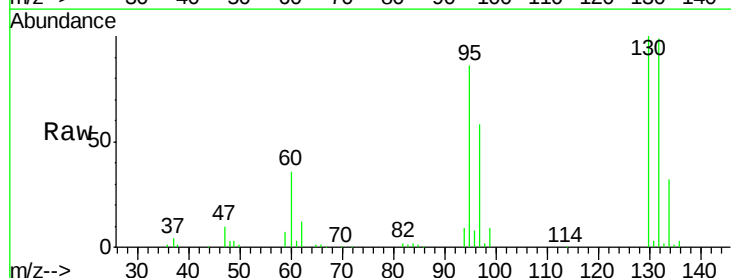
Acq: 9 Apr 2019 13:11

Tgt Ion:130 Resp: 423531

Ion Ratio Lower Upper

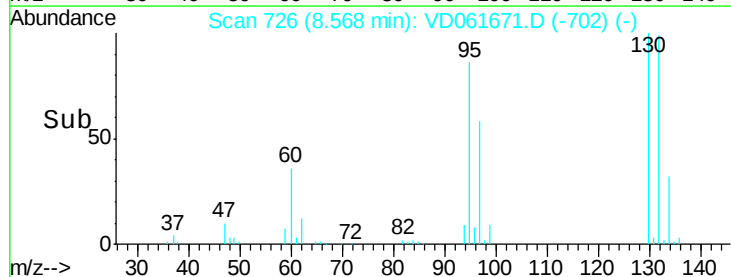
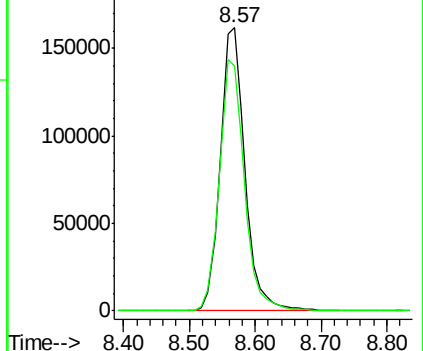
130 100

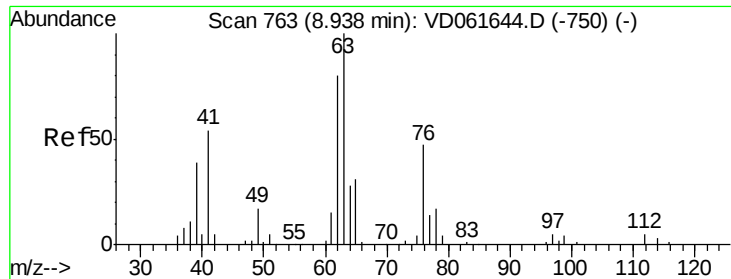
95 86.4 0.0 181.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.751 ug/l

RT: 8.96 min Scan# 766

Delta R.T. 0.02 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

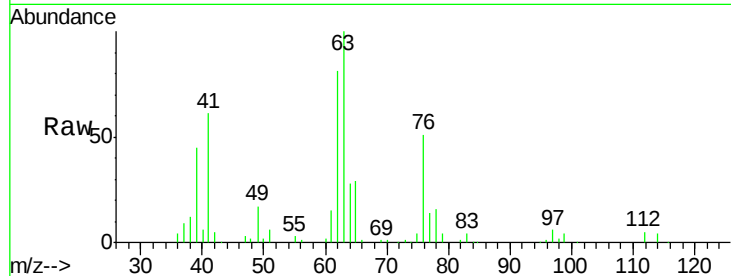
ClientSampleId :

Tot Ion: 63 Resp: 259212

Ion Ratio Lower Upper

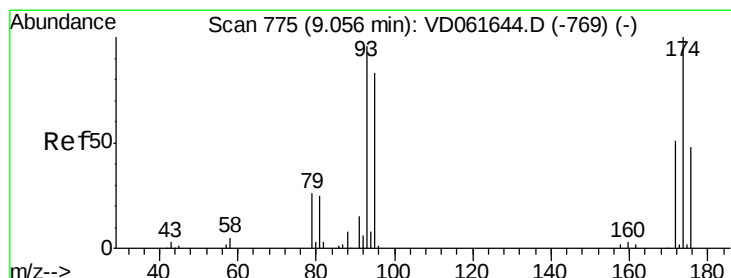
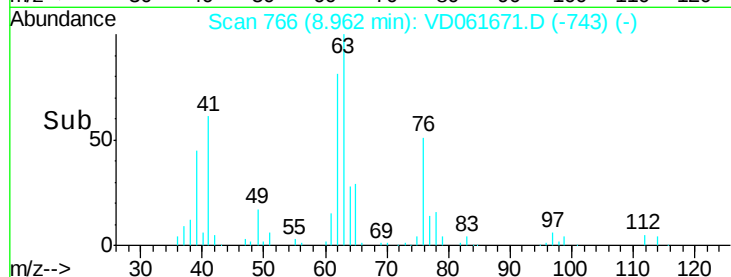
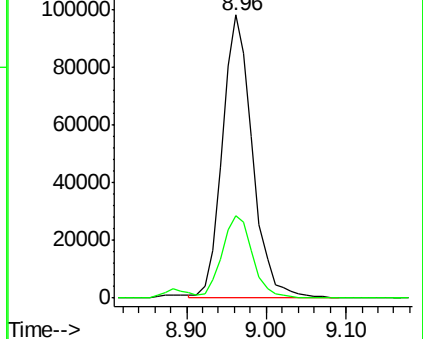
63 100

65 29.2 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: 57.013 ug/l

RT: 9.09 min Scan# 779

Delta R.T. 0.03 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

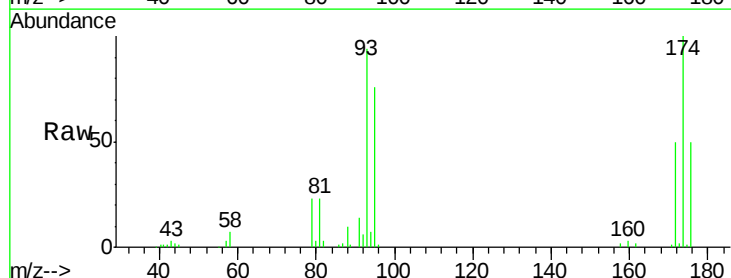
Tgt Ion: 93 Resp: 208115

Ion Ratio Lower Upper

93 100

95 80.7 68.6 103.0

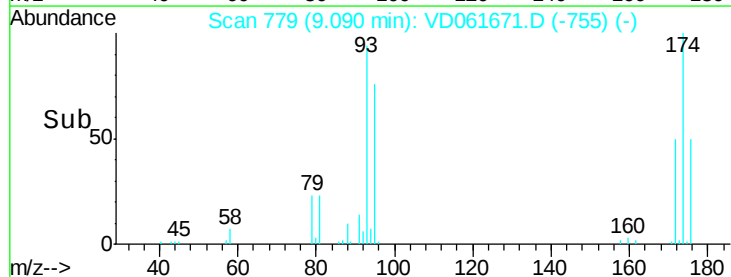
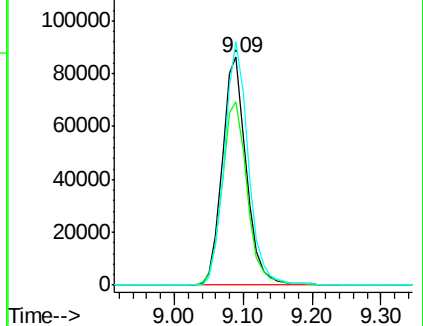
174 106.8 83.0 124.4

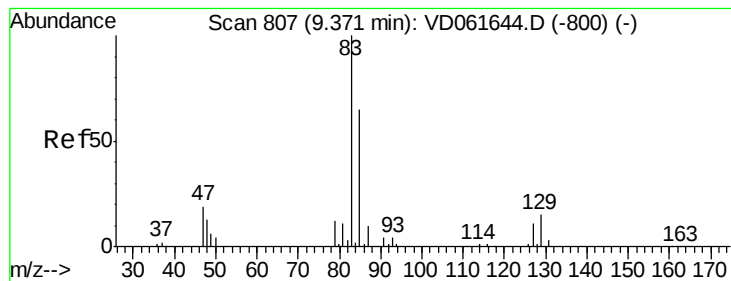


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 58.145 ug/l

RT: 9.40 min Scan# 810

Delta R.T. 0.02 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

ClientSampled :

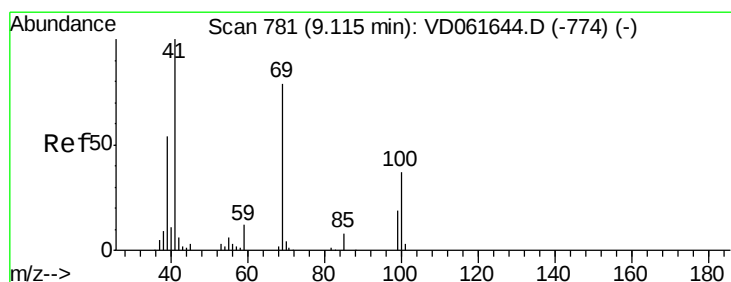
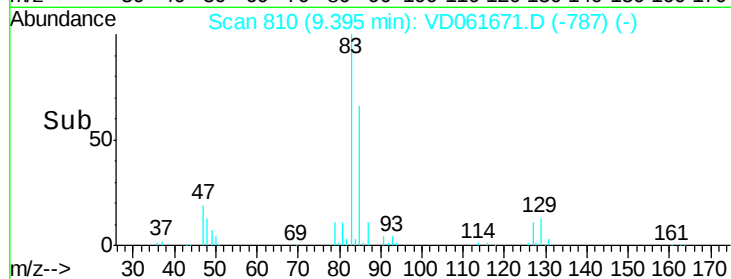
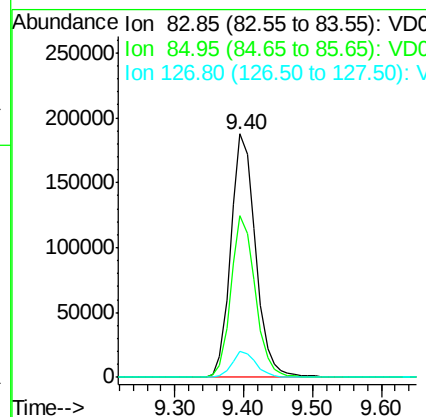
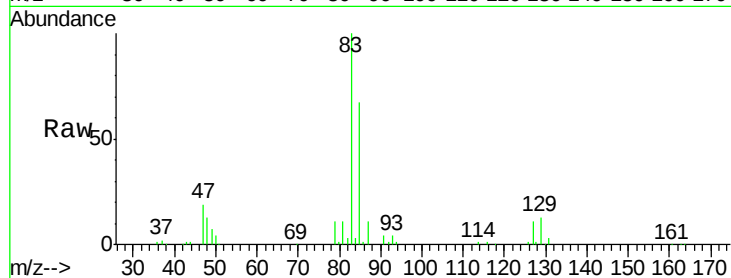
Tot Ion: 83 Resp: 466150

Ion Ratio Lower Upper

83 100

85 66.6 51.8 77.6

127 10.7 9.0 13.6



#48

Methyl methacrylate

Concen: 55.826 ug/l

RT: 9.14 min Scan# 784

Delta R.T. 0.02 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

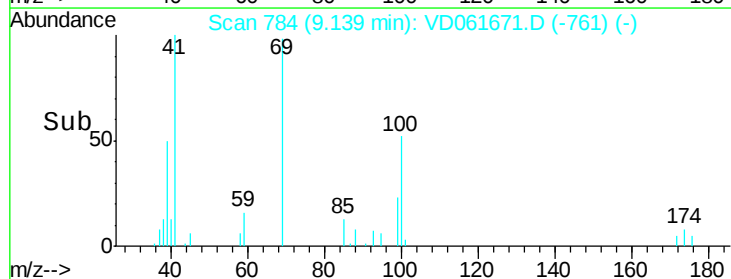
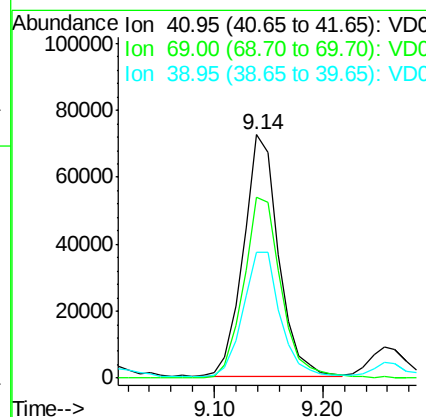
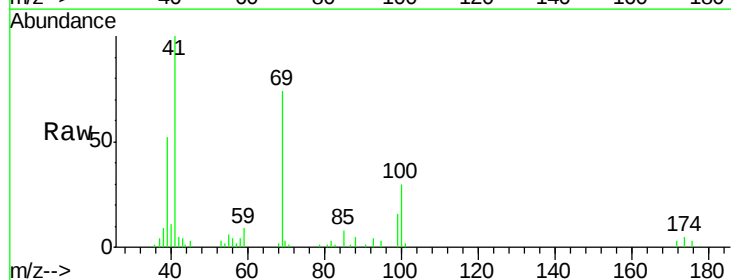
Tgt Ion: 41 Resp: 162393

Ion Ratio Lower Upper

41 100

69 74.2 63.1 94.7

39 51.7 43.8 65.8

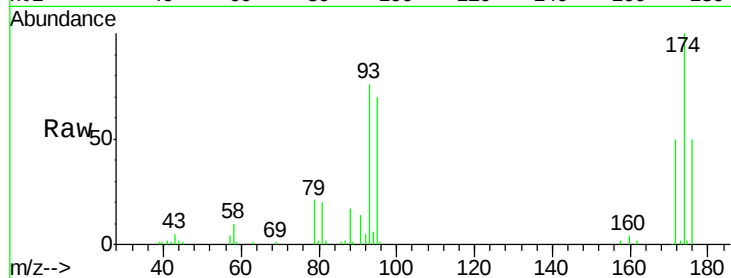




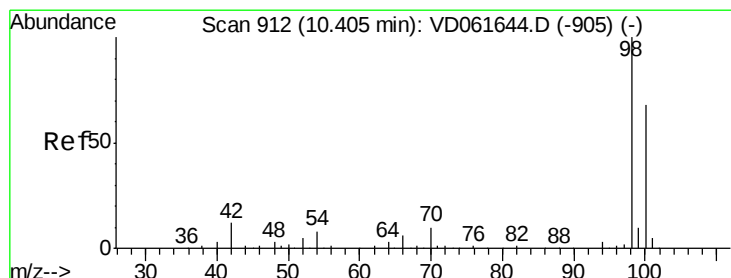
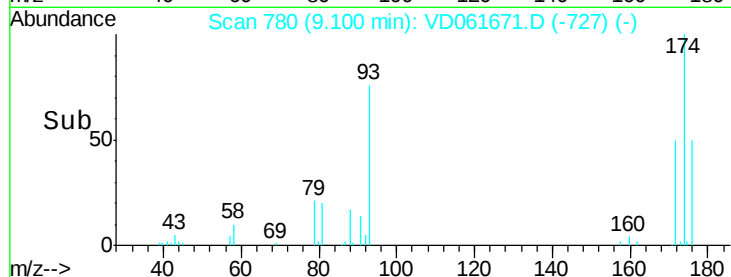
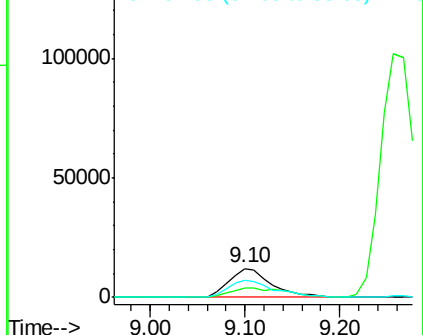
#49  
 1,4-Dioxane  
 Concen: 1153.560 ug/l  
 RT: 9.10 min Scan# 780  
 Delta R.T. 0.02 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 88 Resp: 37039  
 Ion Ratio Lower Upper  
 88 100  
 43 32.6 21.8 32.8  
 58 57.3 40.2 60.2

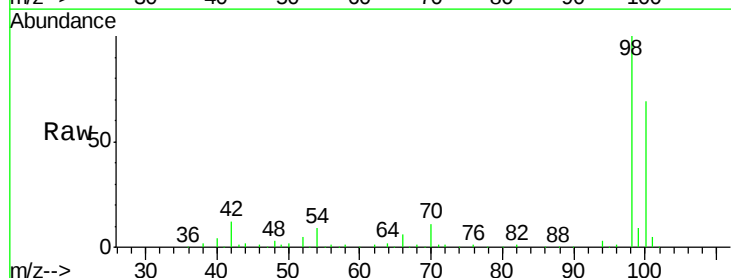


Abundance Ion 88.00 (87.70 to 88.70): VDC  
 Ion 43.05 (42.75 to 43.75): VDC  
 Ion 57.95 (57.65 to 58.65): VDC

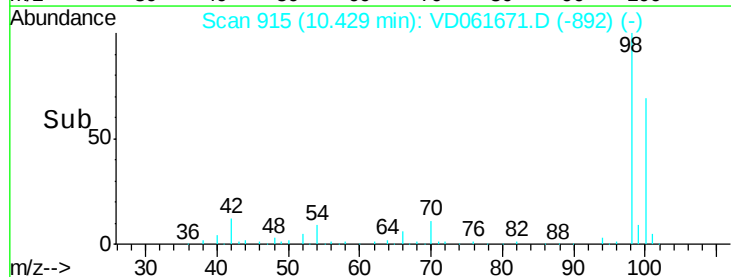
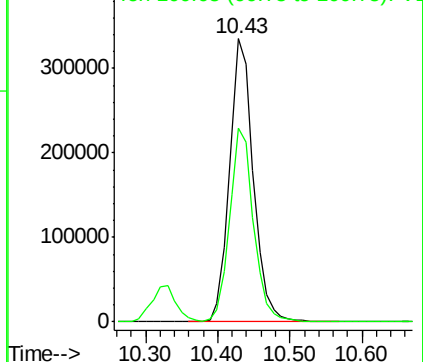


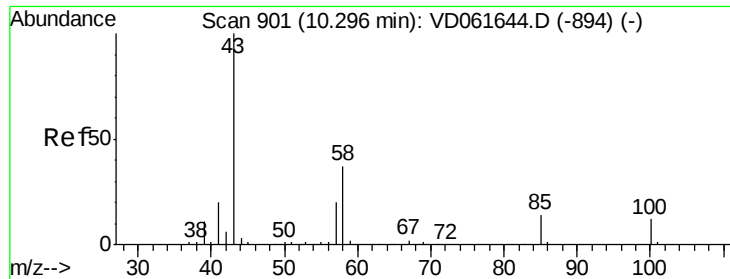
#50  
 Toluene-d8  
 Concen: 1153.560 ug/l  
 RT: 10.43 min Scan# 915  
 Delta R.T. 0.02 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Tgt Ion: 98 Resp: 772529  
 Ion Ratio Lower Upper  
 98 100  
 100 68.7 55.4 83.0



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

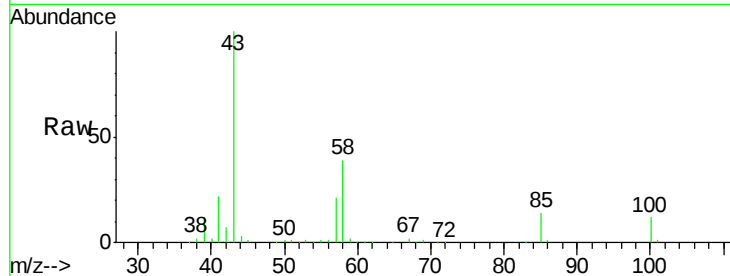




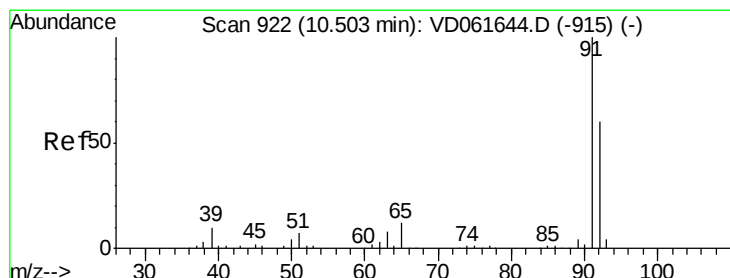
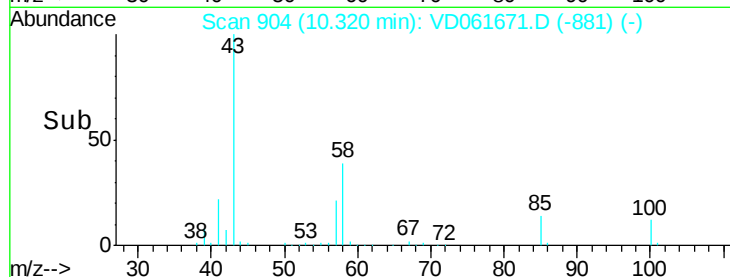
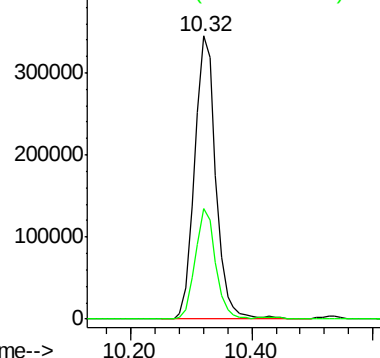
#51  
4-Methyl-2-Pentanone  
Concen: 281.655 ug/l  
RT: 10.32 min Scan# 904  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 840578  
Ion Ratio Lower Upper  
43 100  
58 38.9 29.8 44.8

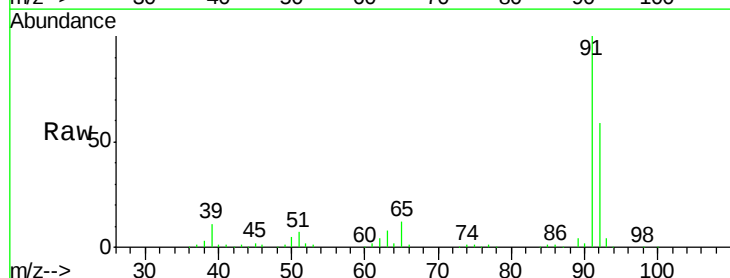


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

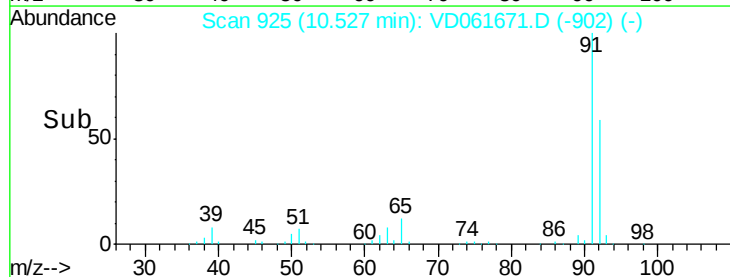
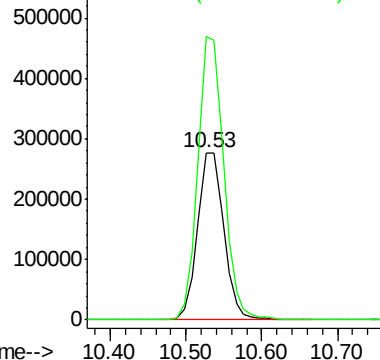


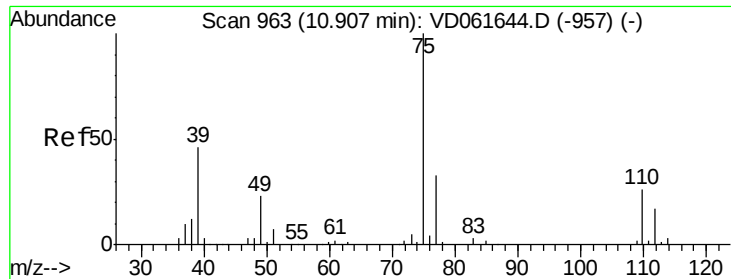
#52  
Toluene  
Concen: 51.743 ug/l  
RT: 10.53 min Scan# 925  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion: 92 Resp: 665439  
Ion Ratio Lower Upper  
92 100  
91 169.5 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VDC  
Ion 91.00 (90.70 to 91.70): VDC

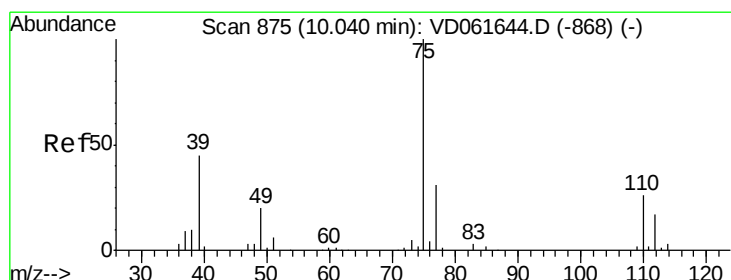
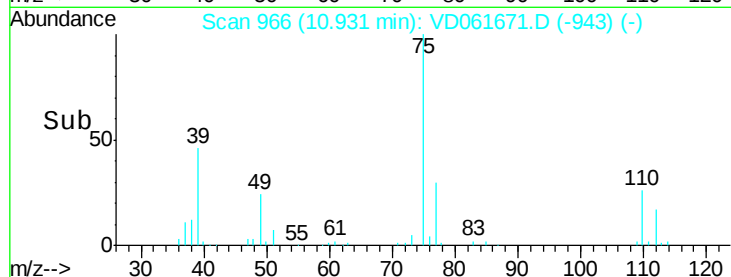
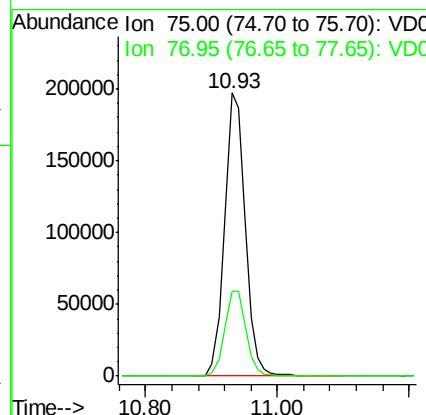
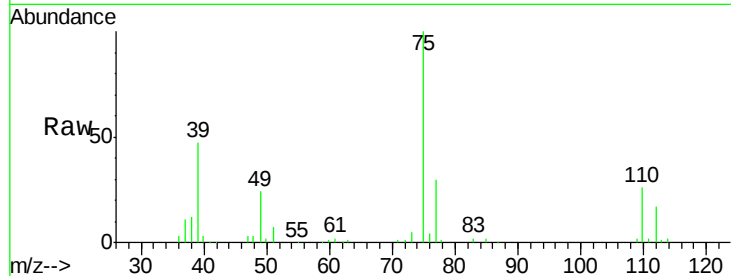




#53  
t-1,3-Dichloropropene  
Concen: 61.445 ug/l  
RT: 10.93 min Scan# 966  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

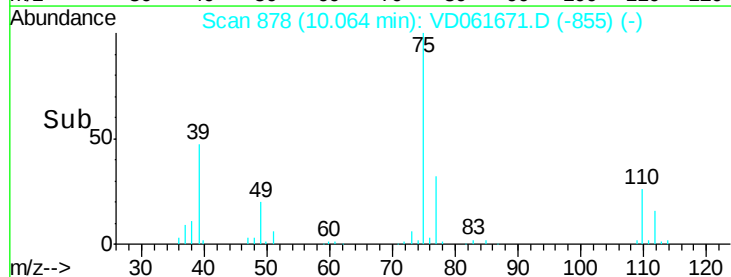
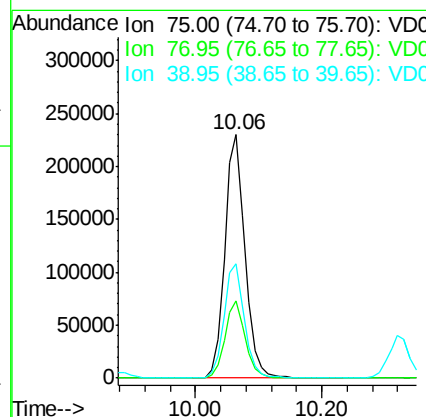
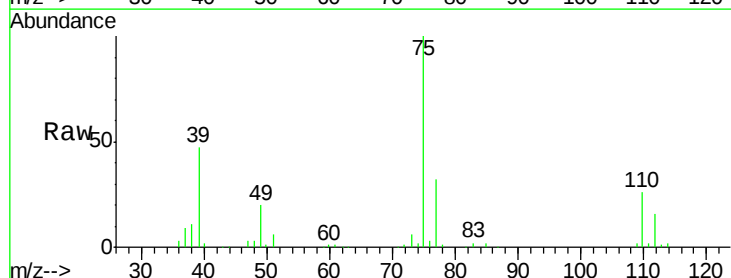
Instrument :  
MSVOA\_D  
ClientSampled :

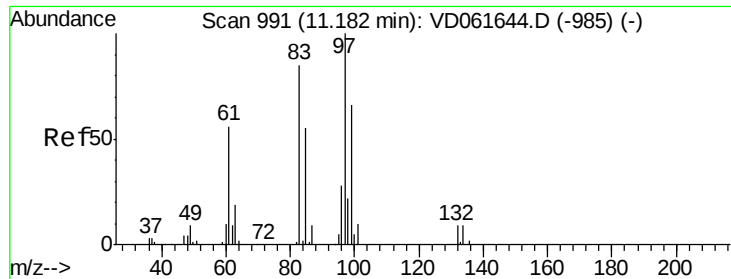
Tot Ion: 75 Resp: 431808  
Ion Ratio Lower Upper  
75 100  
77 30.1 26.2 39.2



#54  
cis-1,3-Dichloropropene  
Concen: 59.204 ug/l  
RT: 10.06 min Scan# 878  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion: 75 Resp: 512888  
Ion Ratio Lower Upper  
75 100  
77 31.6 24.6 37.0  
39 47.0 36.2 54.2

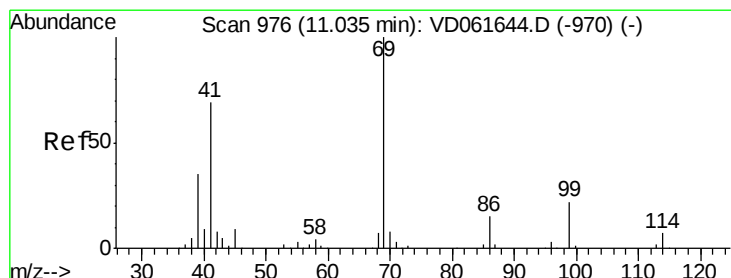
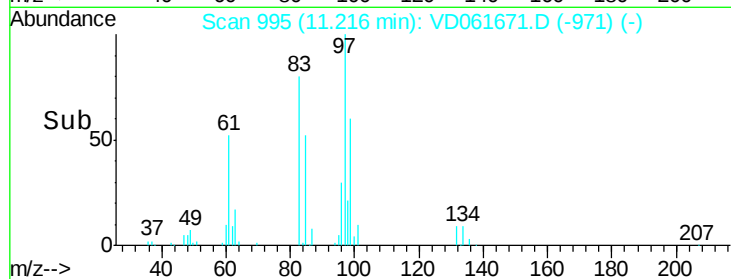
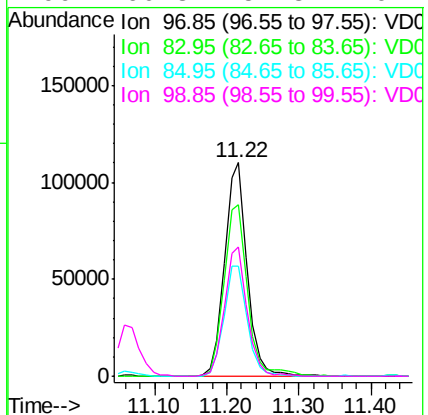
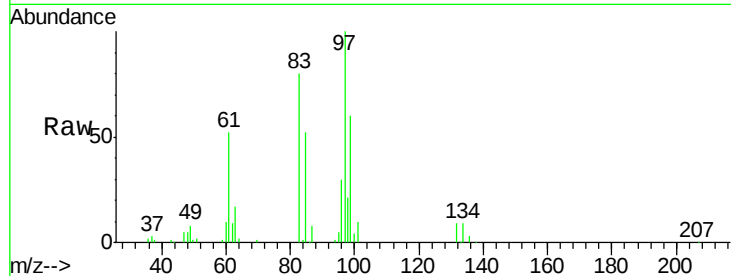




#55  
 1,1,2-Trichloroethane  
 Concen: 54.801 ug/l  
 RT: 11.22 min Scan# 995  
 Delta R.T. 0.03 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

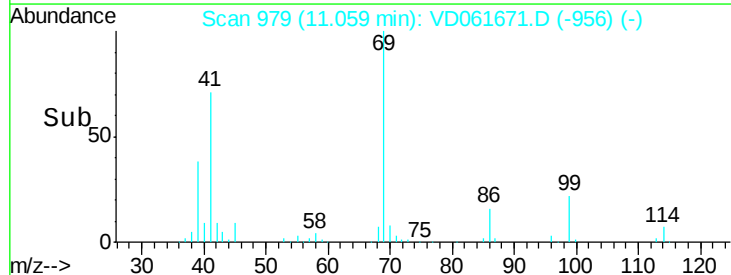
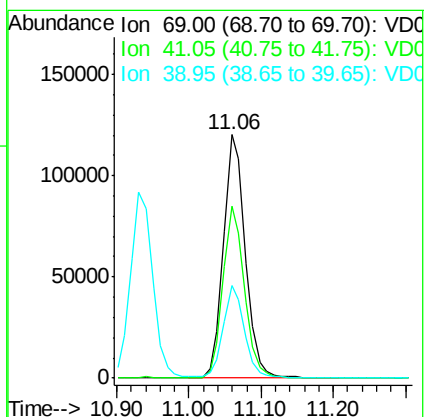
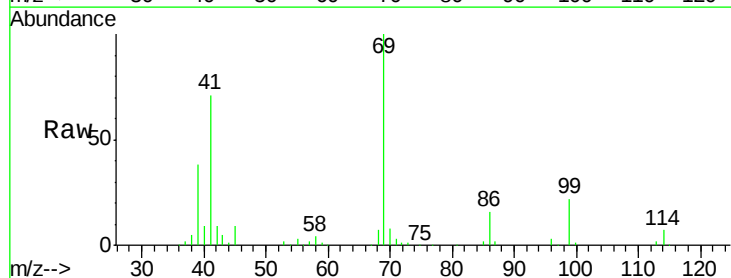
Instrument :  
 MSVOA\_D  
 ClientSampleId :

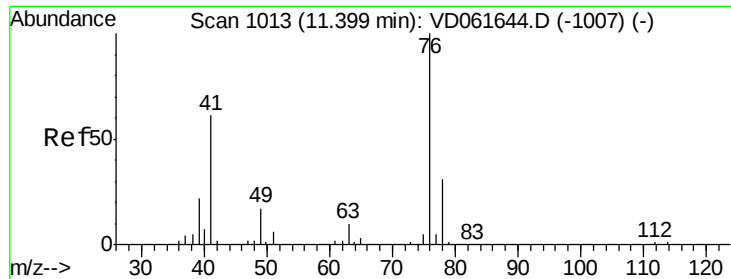
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 237694 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 80.2  | 67.8  | 101.6  |
| 85       | 51.8  | 43.8  | 65.8   |
| 99       | 60.3  | 52.8  | 79.2   |



#56  
 Ethyl methacrylate  
 Concen: 55.070 ug/l  
 RT: 11.06 min Scan# 979  
 Delta R.T. 0.02 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 251986 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 70.5  | 55.2  | 82.8   |
| 39       | 38.0  | 28.6  | 43.0   |

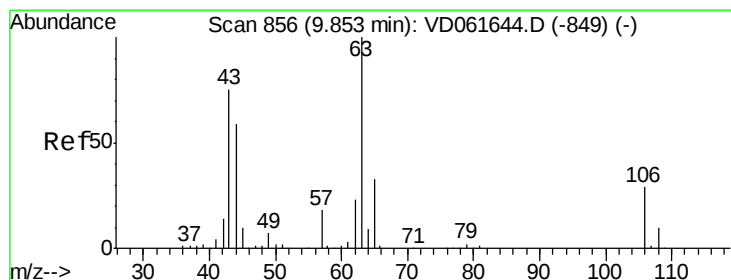
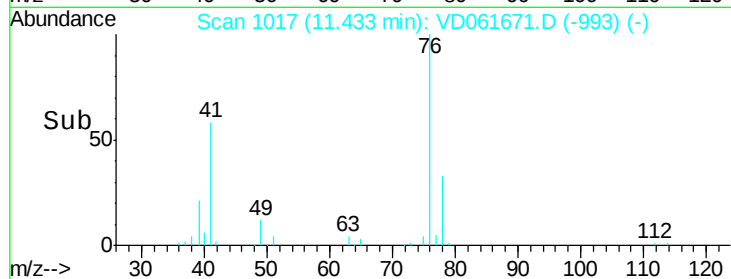
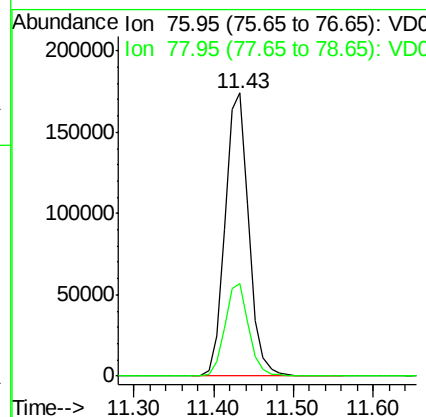
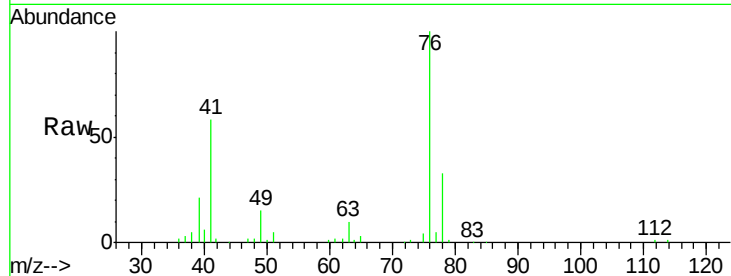




#57  
 1,3-Dichloropropane  
 Concen: 57.493 ug/l  
 RT: 11.43 min Scan# 1017  
 Delta R.T. 0.03 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

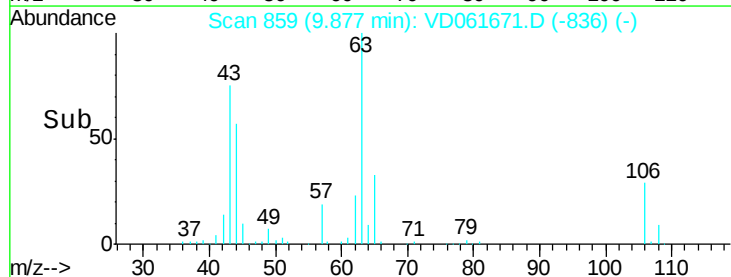
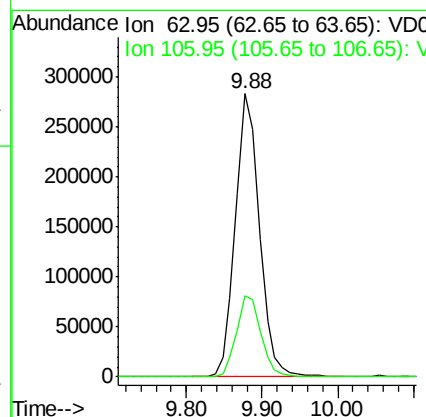
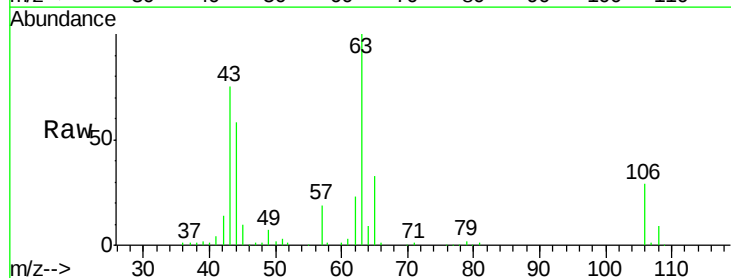
Instrument :  
 MSVOA\_D  
 ClientSampleId :

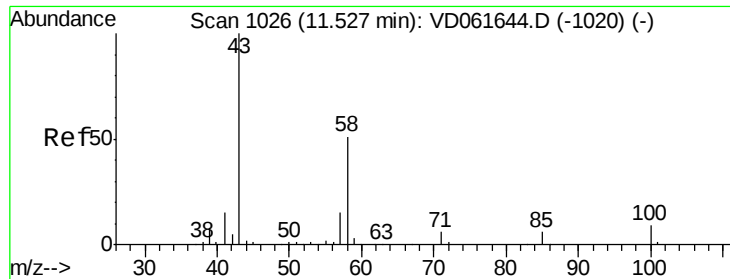
Tot Ion: 76 Resp: 365197  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 24.5 36.7



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 287.577 ug/l  
 RT: 9.88 min Scan# 859  
 Delta R.T. 0.02 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Tgt Ion: 63 Resp: 620884  
 Ion Ratio Lower Upper  
 63 100  
 106 28.7 23.0 34.6

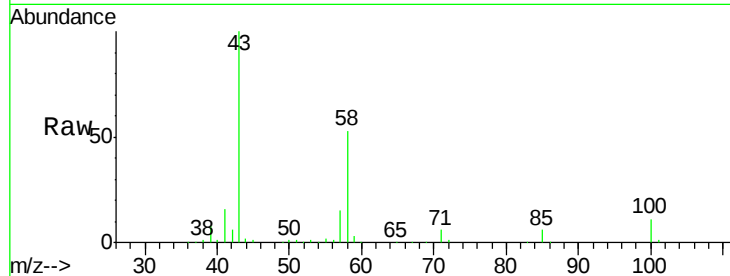




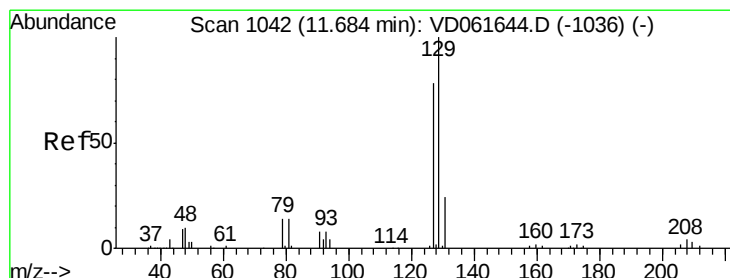
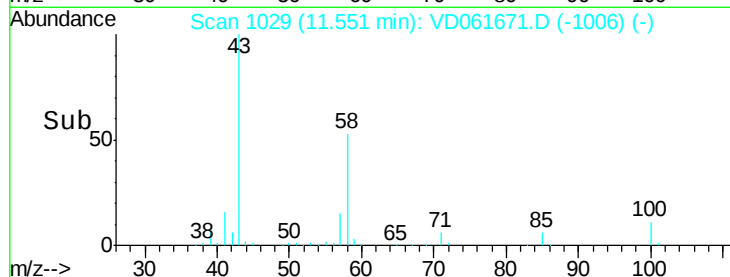
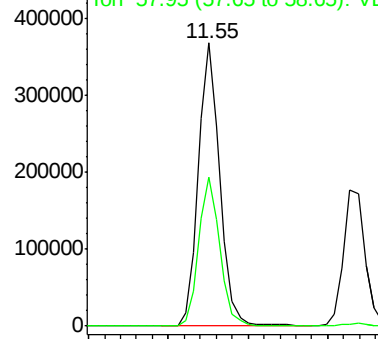
#59  
2-Hexanone  
Concen: 301.390 ug/l  
RT: 11.55 min Scan# 1029  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 698065  
Ion Ratio Lower Upper  
43 100  
58 52.8 25.6 76.8

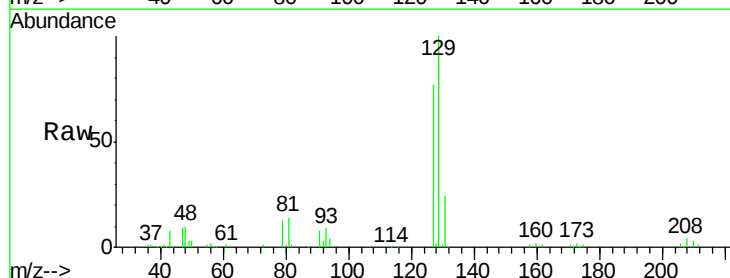


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

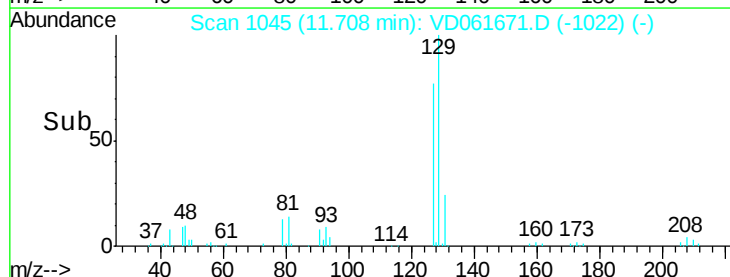
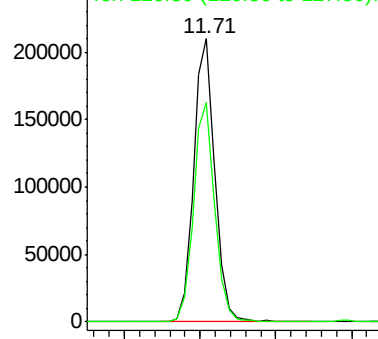


#60  
Dibromochloromethane  
Concen: 59.506 ug/l  
RT: 11.71 min Scan# 1045  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion: 129 Resp: 407781  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): V  
Ion 126.80 (126.50 to 127.50): V

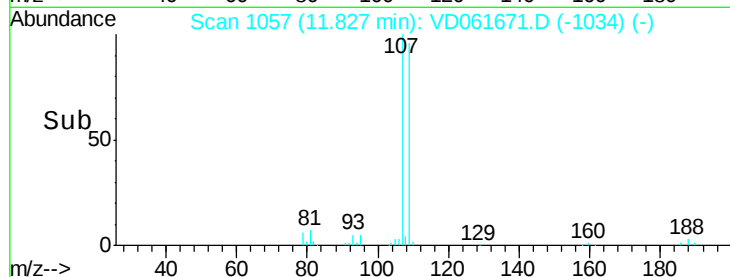
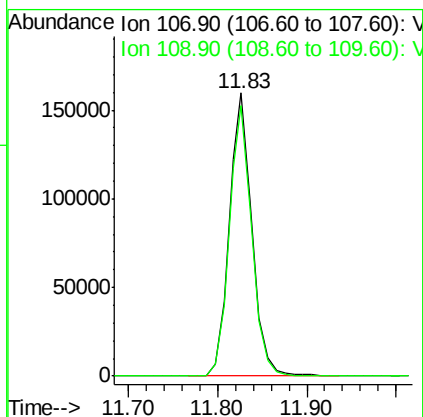
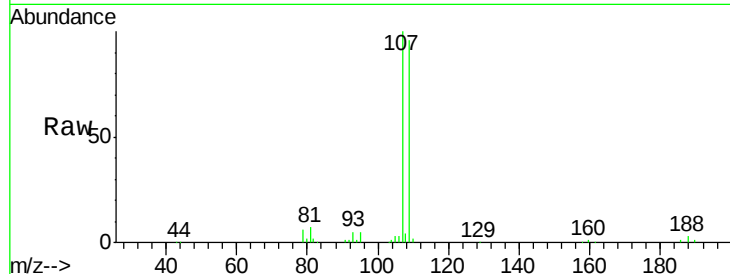




#61  
 1,2-Dibromoethane  
 Concen: 56.216 ug/l  
 RT: 11.83 min Scan# 1057  
 Delta R.T. 0.02 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

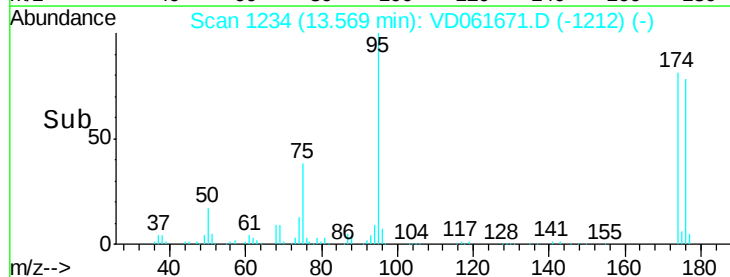
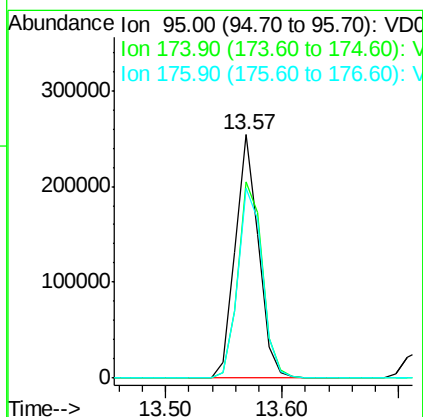
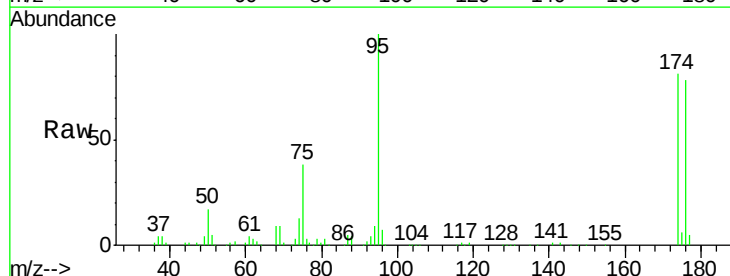
Instrument :  
 MSVOA\_D  
 ClientSampleId :

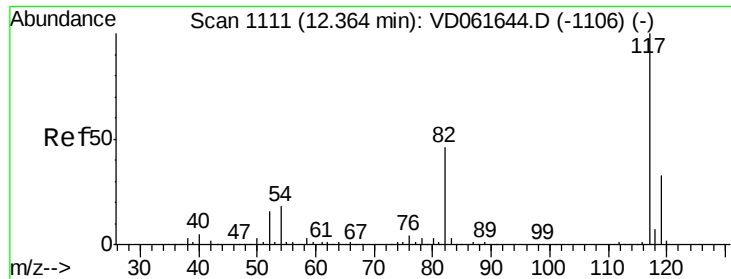
Tot Ion: 107 Resp: 285154  
 Ion Ratio Lower Upper  
 107 100  
 109 95.5 79.2 118.8



#62  
 4-Bromofluorobenzene  
 Concen: 56.216 ug/l  
 RT: 13.57 min Scan# 1234  
 Delta R.T. 0.02 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Tgt Ion: 95 Resp: 350648  
 Ion Ratio Lower Upper  
 95 100  
 174 80.6 0.0 164.6  
 176 78.2 0.0 165.0

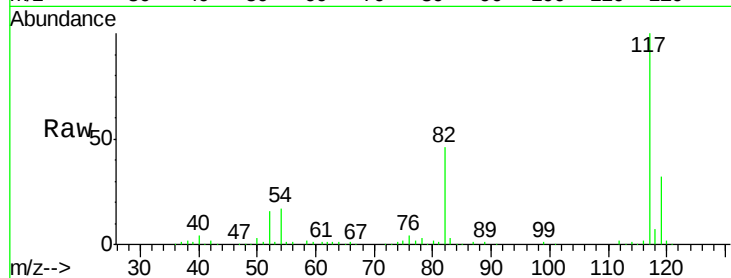




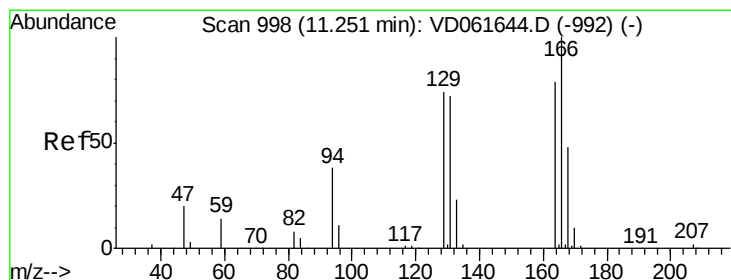
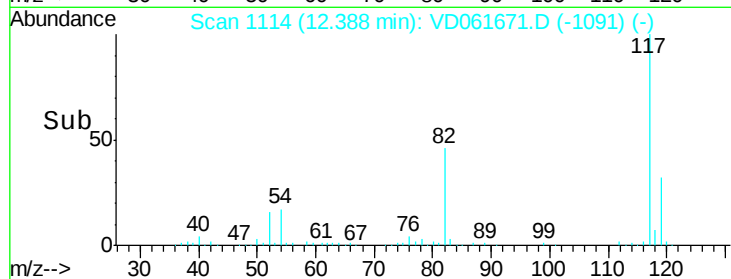
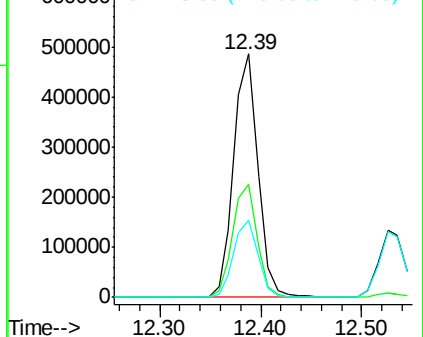
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:117 Resp: 809409  
Ion Ratio Lower Upper  
117 100  
82 46.2 36.8 55.2  
119 31.7 26.1 39.1

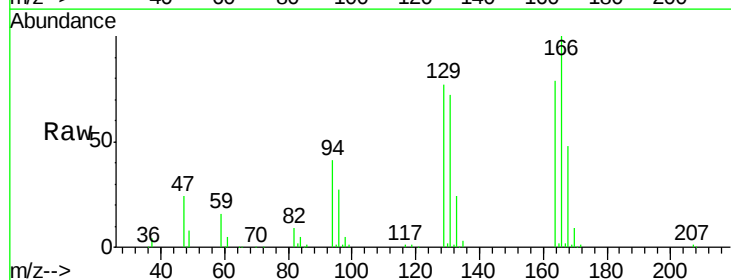


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

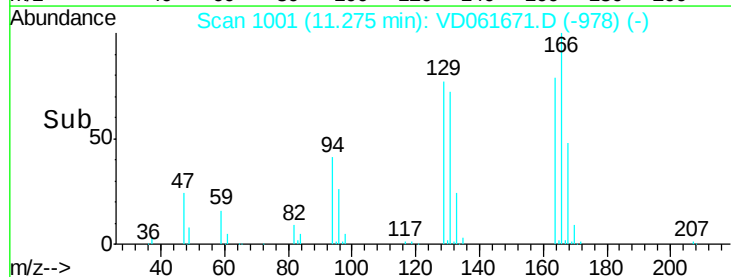
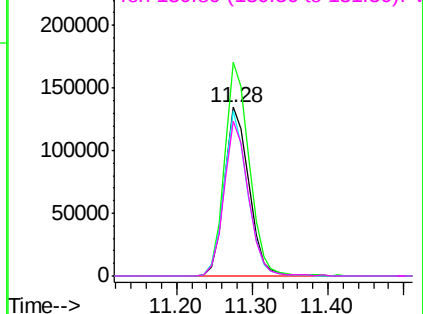


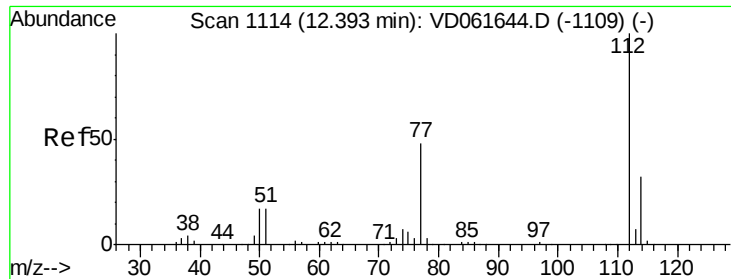
#64  
Tetrachloroethene  
Concen: 47.912 ug/l  
RT: 11.28 min Scan# 1001  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion:164 Resp: 301027  
Ion Ratio Lower Upper  
164 100  
166 126.8 101.8 152.8  
129 97.9 75.4 113.0  
131 91.9 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

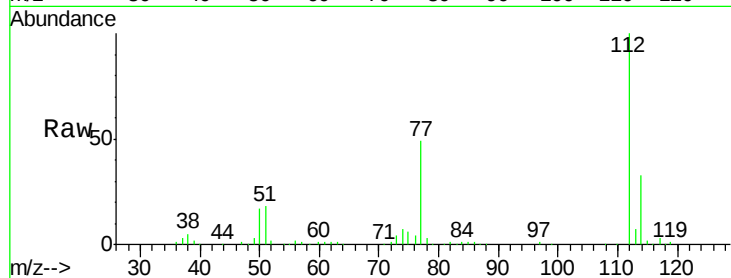




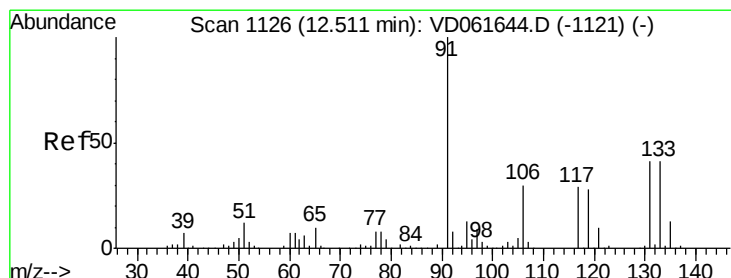
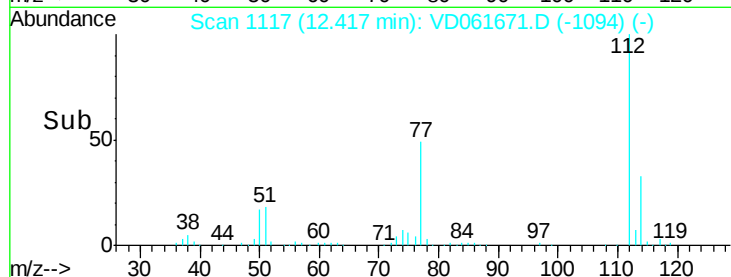
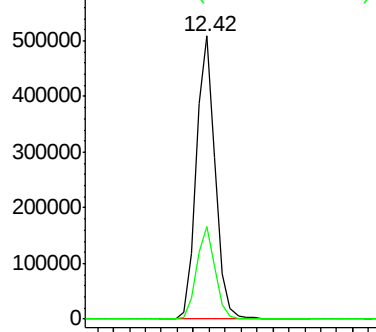
#65  
Chlorobenzene  
Concen: 52.793 ug/l  
RT: 12.42 min Scan# 1117  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:112 Resp: 847409  
Ion Ratio Lower Upper  
112 100  
114 32.9 25.6 38.4

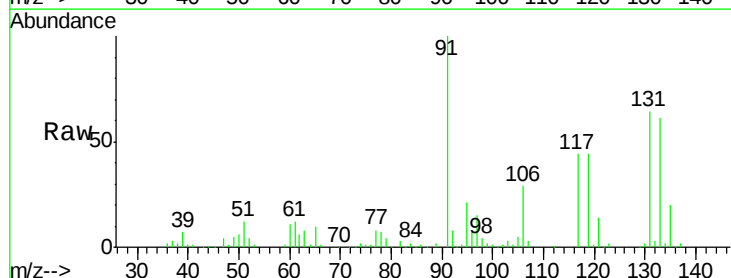


Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 114.00 (113.70 to 114.70): V

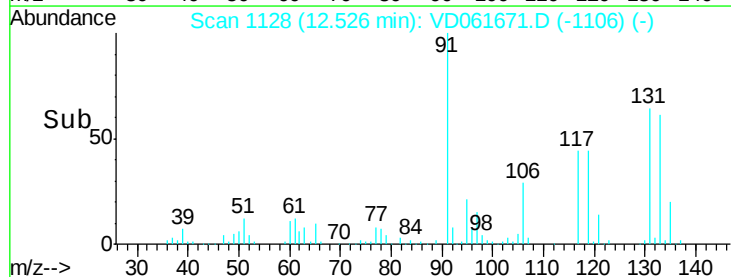
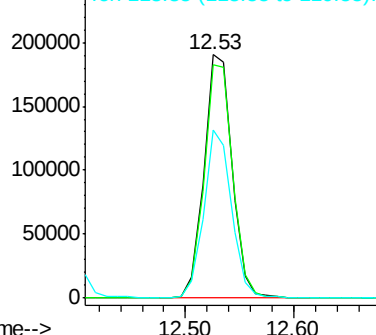


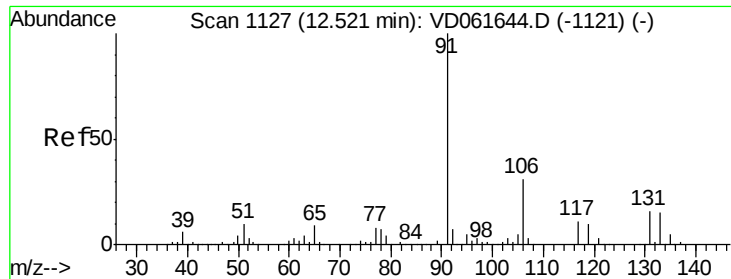
#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.752 ug/l  
RT: 12.53 min Scan# 1128  
Delta R.T. 0.01 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion:131 Resp: 344361  
Ion Ratio Lower Upper  
131 100  
133 96.0 49.5 148.3  
119 68.9 34.7 104.1



Abundance Ion 130.90 (130.60 to 131.60): V  
Ion 132.90 (132.60 to 133.60): V  
Ion 118.85 (118.55 to 119.55): V

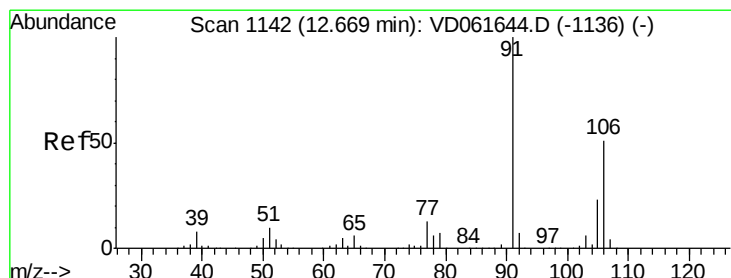
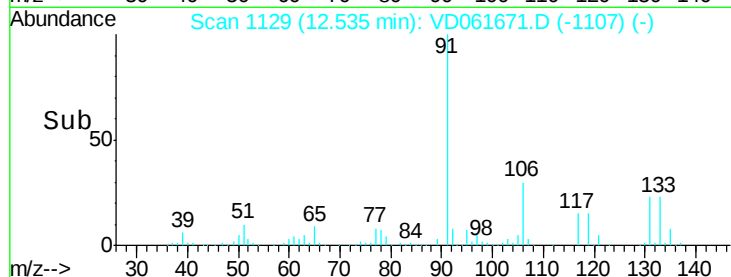
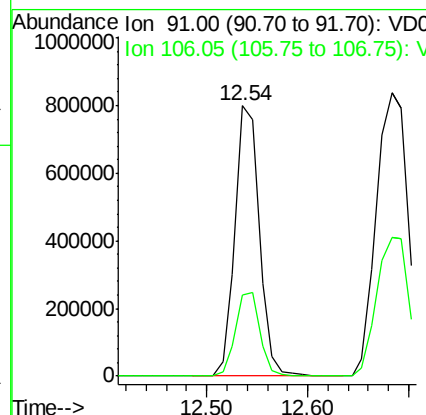
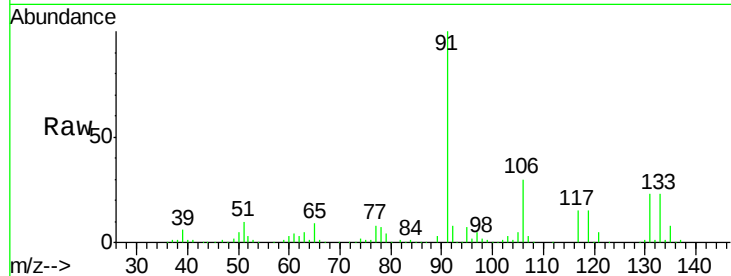




#67  
Ethvl Benzene  
Concen: 54.693 ug/l  
RT: 12.54 min Scan# 1129  
Delta R.T. 0.01 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

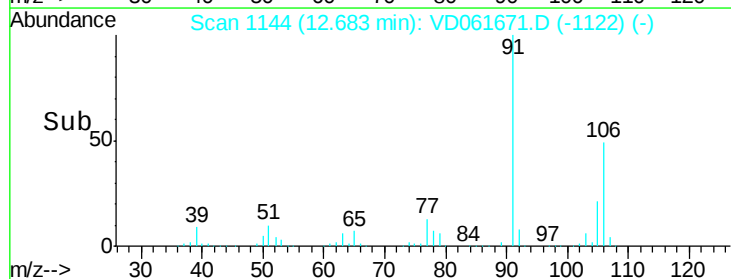
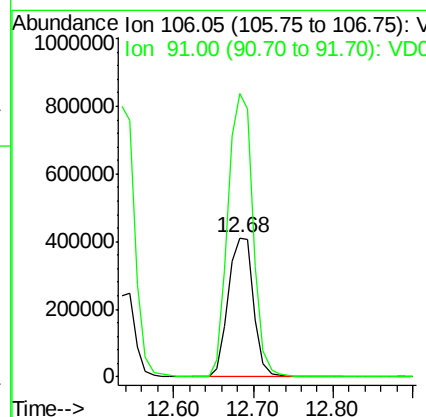
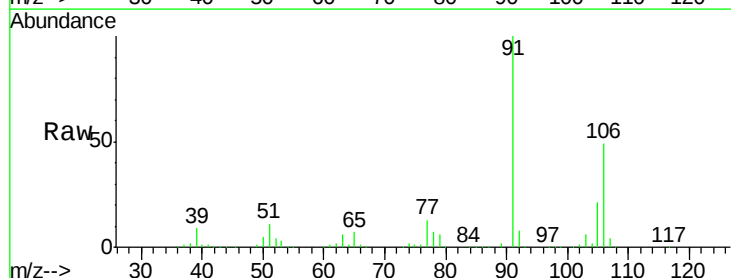
Instrument :  
MSVOA\_D  
ClientSampled :

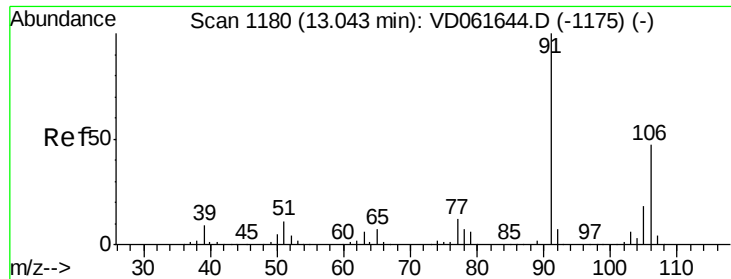
Tot Ion: 91 Resp: 1336870  
Ion Ratio Lower Upper  
91 100  
106 30.1 24.6 37.0



#68  
m/p-Xylenes  
Concen: 98.071 ug/l  
RT: 12.68 min Scan# 1144  
Delta R.T. 0.01 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion:106 Resp: 924158  
Ion Ratio Lower Upper  
106 100  
91 203.8 156.7 235.1

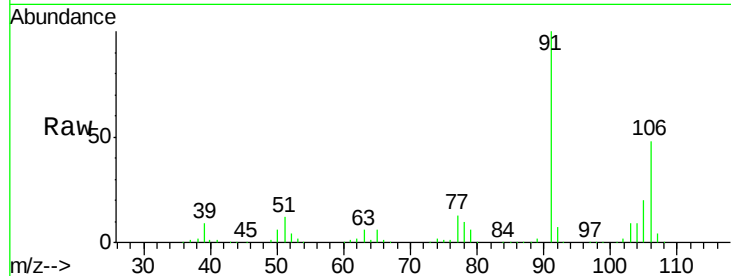




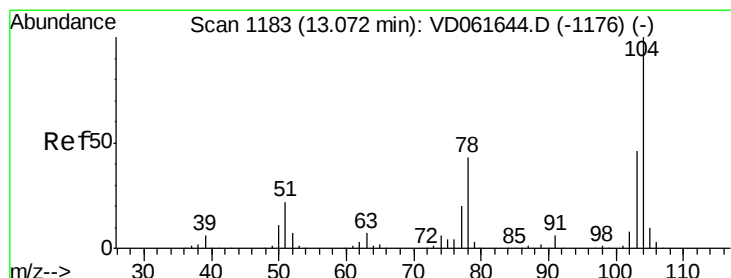
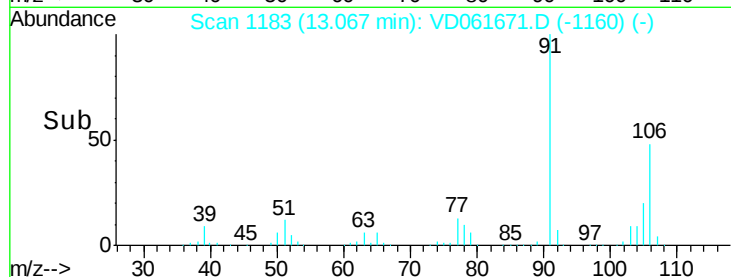
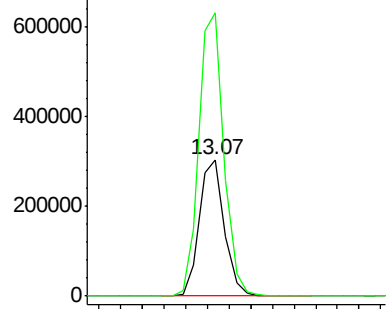
#69  
o-Xylene  
Concen: 53.717 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. 0.02 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:106 Resp: 488635  
Ion Ratio Lower Upper  
106 100  
91 207.7 107.3 321.9

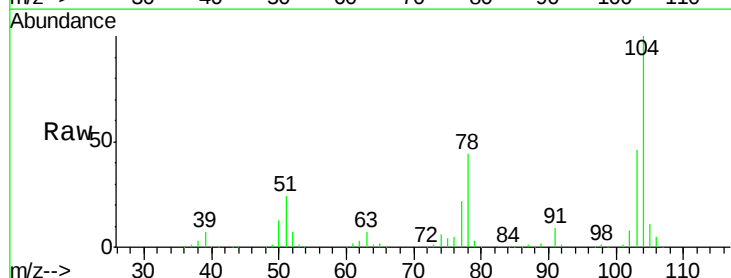


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

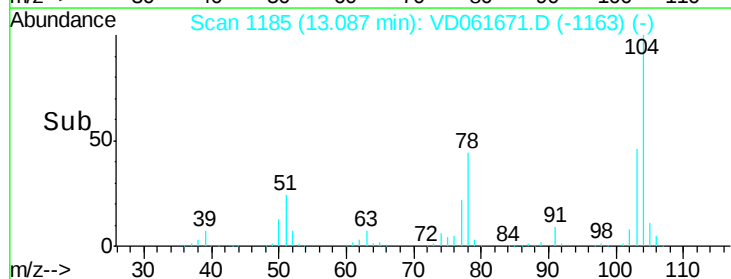
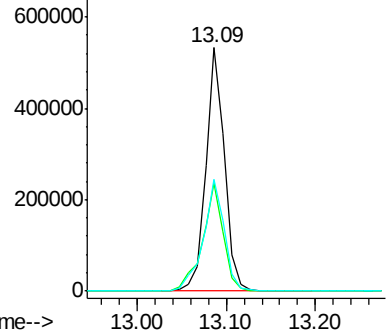


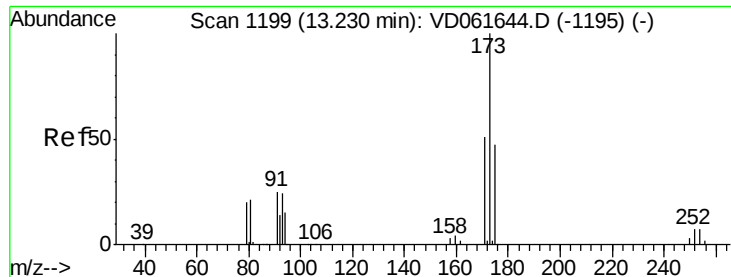
#70  
Styrene  
Concen: 50.400 ug/l  
RT: 13.09 min Scan# 1185  
Delta R.T. 0.01 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion:104 Resp: 782959  
Ion Ratio Lower Upper  
104 100  
78 44.3 34.2 51.4  
103 45.9 37.2 55.8



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





#71

Bromoform

Concen: 56.445 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. 0.02 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

ClientSampleId :

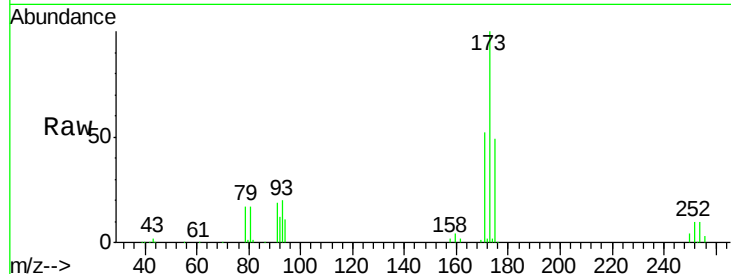
Tot Ion:173 Resp: 216320

Ion Ratio Lower Upper

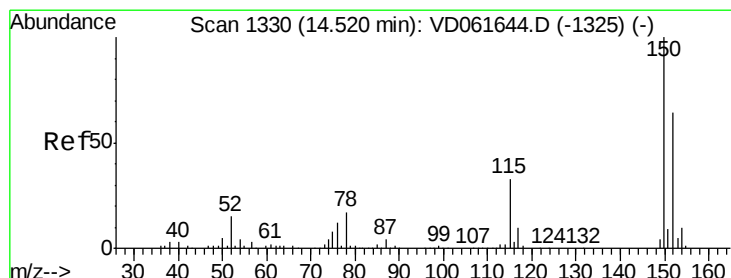
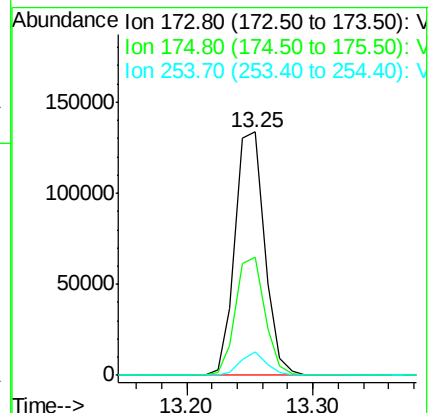
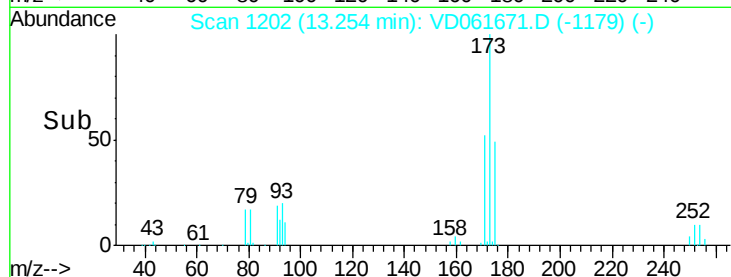
173 100

175 48.7 23.7 71.1

254 9.7 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# 1332

Delta R.T. 0.01 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

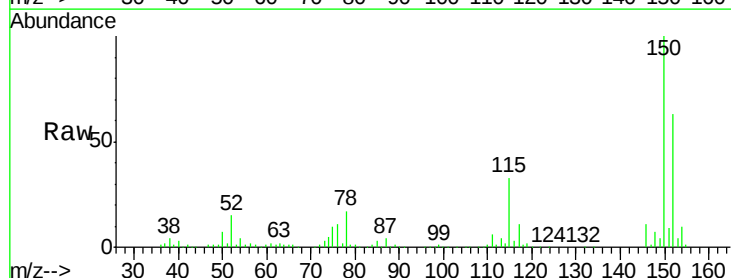
Tgt Ion:152 Resp: 388266

Ion Ratio Lower Upper

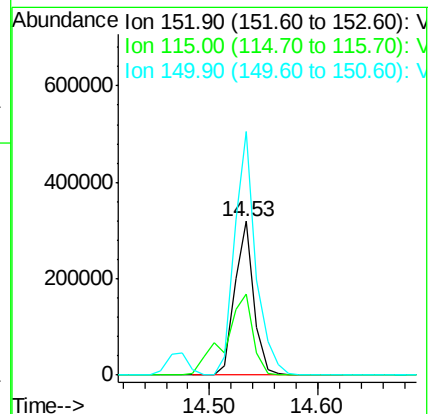
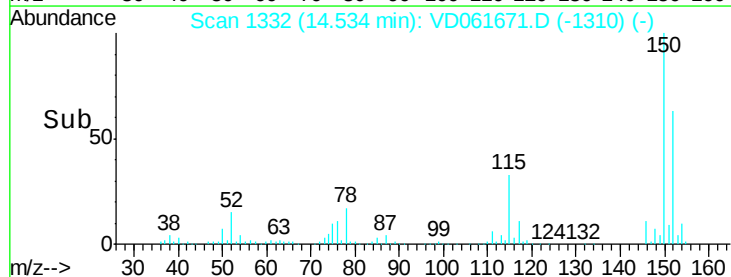
152 100

115 52.5 26.4 79.2

150 158.3 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: 49.905 ug/l

RT: 13.42 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

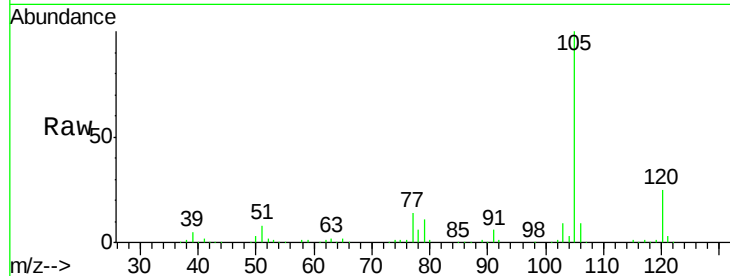
ClientSampleId :

Tot Ion:105 Resp: 1291066

Ion Ratio Lower Upper

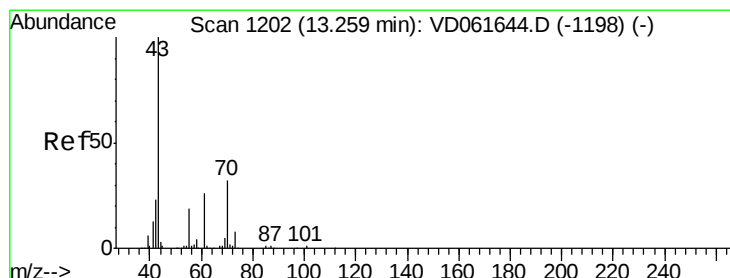
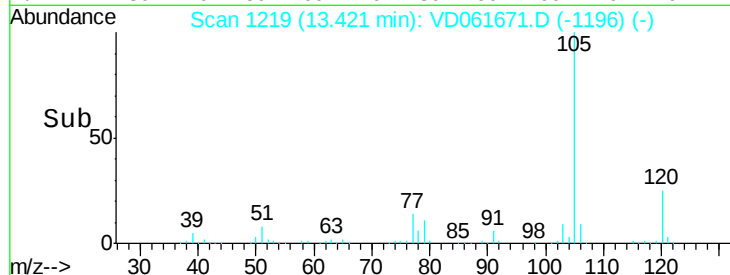
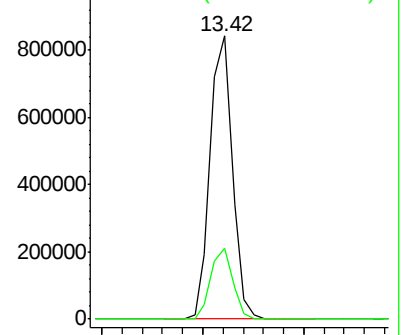
105 100

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: 49.054 ug/l

RT: 13.27 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Tgt Ion: 43 Resp: 344805

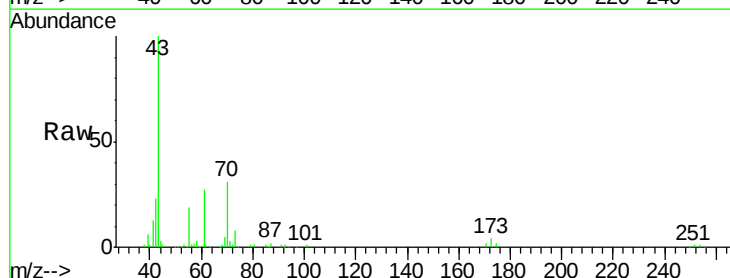
Ion Ratio Lower Upper

43 100

70 31.0 25.4 38.2

55 18.9 15.0 22.4

61 26.7 20.9 31.3

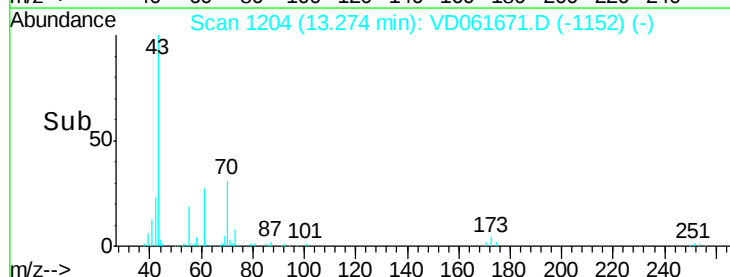
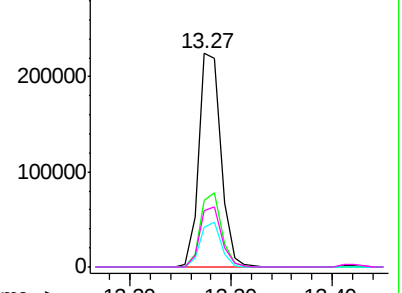


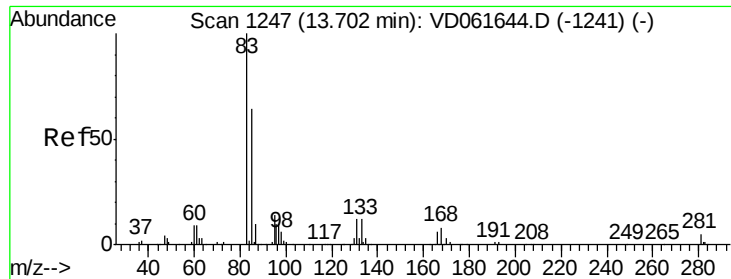
Abundance Ion 42.95 (42.65 to 43.65): V

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: 51.307 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

ClientSampleId :

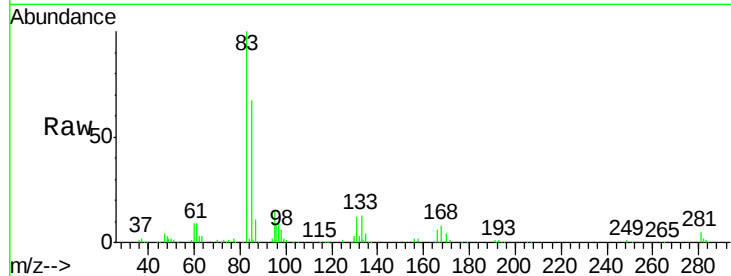
Tot Ion: 83 Resp: 274452

Ion Ratio Lower Upper

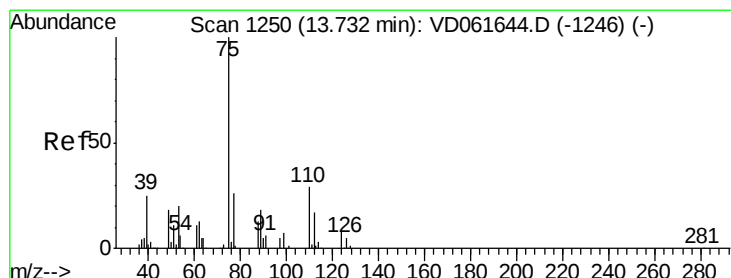
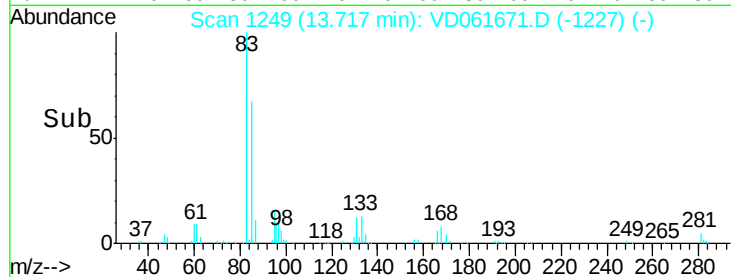
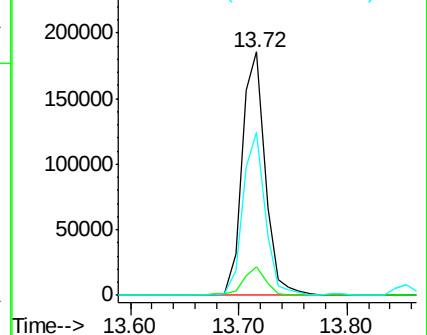
83 100

131 11.7 5.9 17.6

85 66.9 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: 52.383 ug/l

RT: 13.75 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VD061671.D

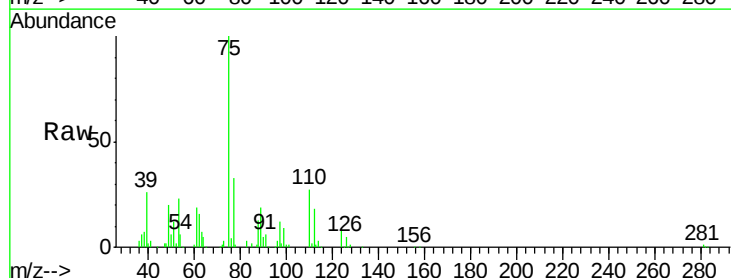
Acq: 9 Apr 2019 13:11

Tgt Ion: 75 Resp: 276706

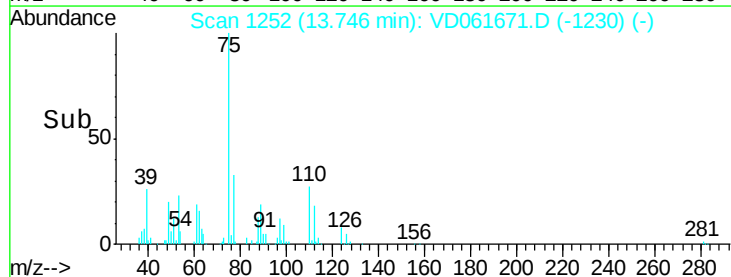
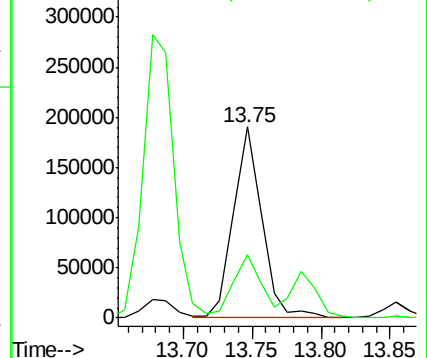
Ion Ratio Lower Upper

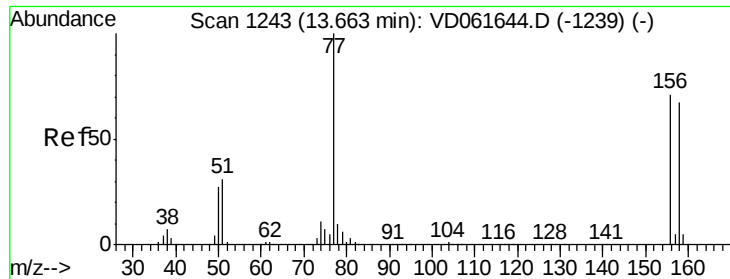
75 100

77 32.8 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: 48.122 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. 0.02 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

ClientSampleId :

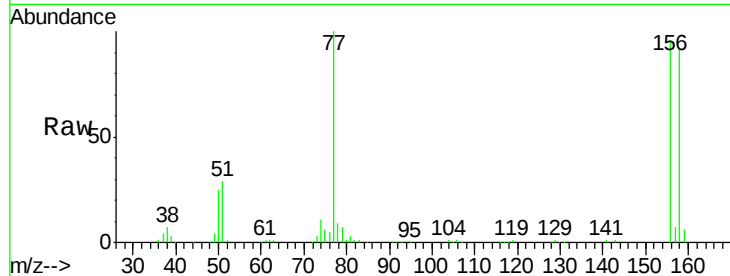
Tot Ion:156 Resp: 361365

Ion Ratio Lower Upper

156 100

77 104.2 70.3 210.8

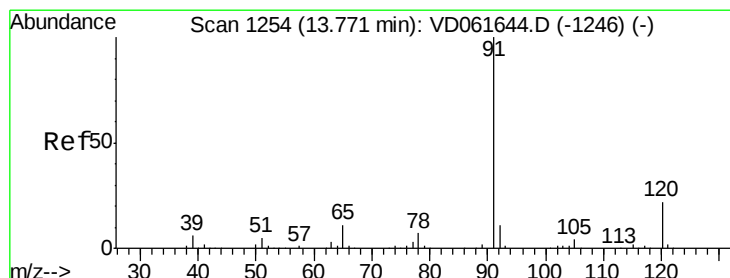
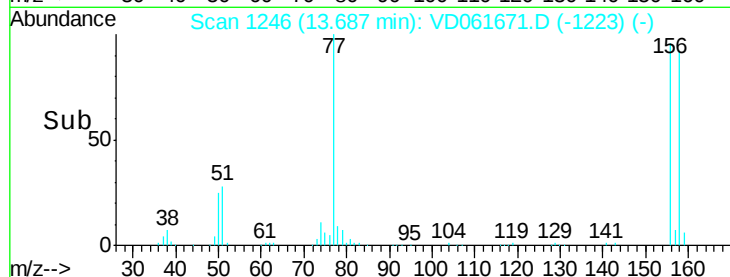
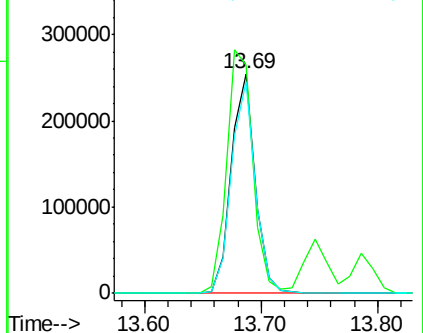
158 96.2 47.4 142.2



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: 53.447 ug/l

RT: 13.79 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VD061671.D

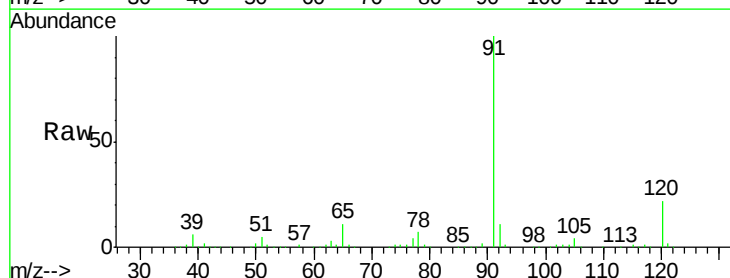
Acq: 9 Apr 2019 13:11

Tgt Ion: 91 Resp: 1653986

Ion Ratio Lower Upper

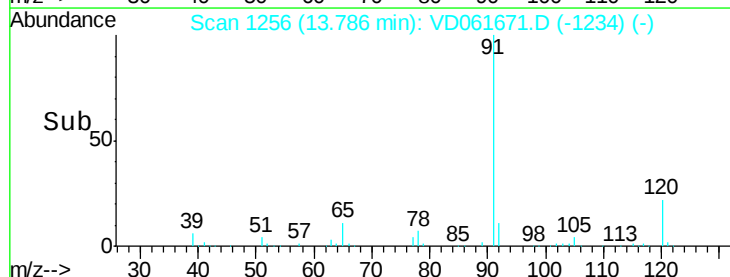
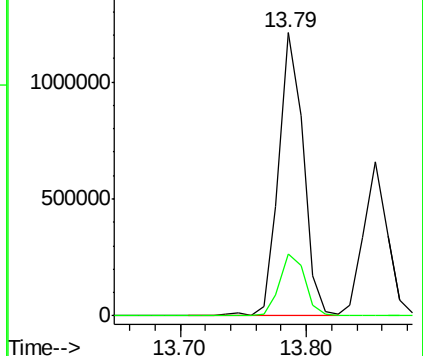
91 100

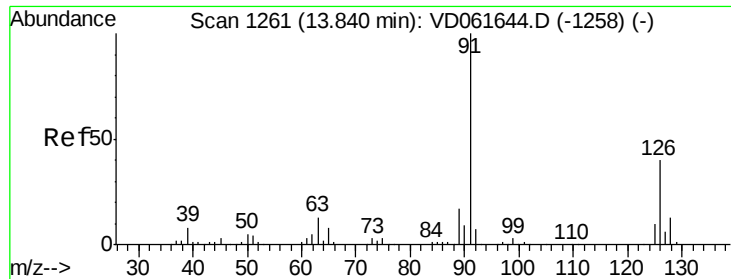
120 22.0 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

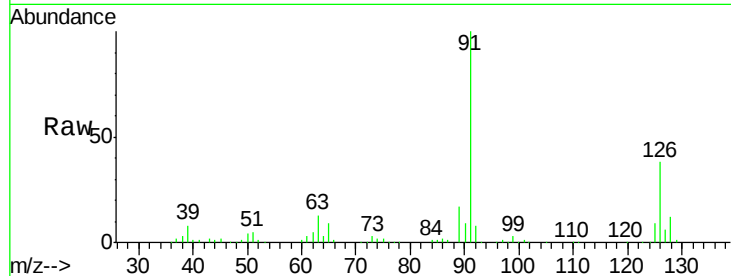




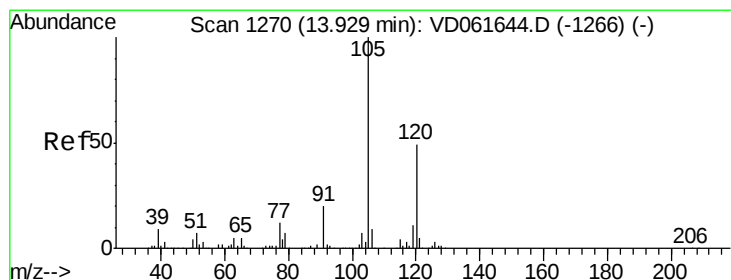
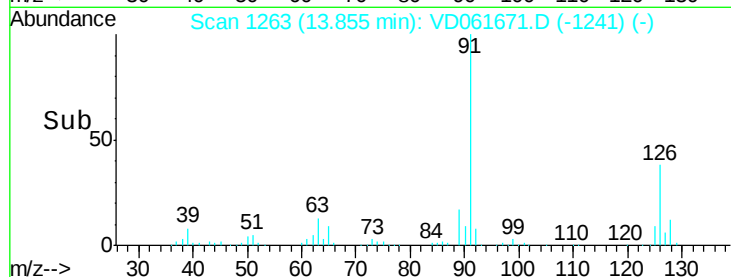
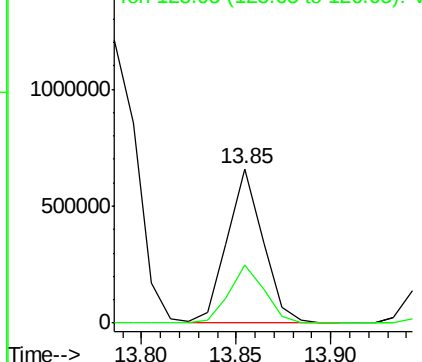
#79  
 2-Chlorotoluene  
 Concen: 48.700 ug/l  
 RT: 13.85 min Scan# 1263  
 Delta R.T. 0.01 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 91 Resp: 861839  
 Ion Ratio Lower Upper  
 91 100  
 126 37.9 20.0 59.9

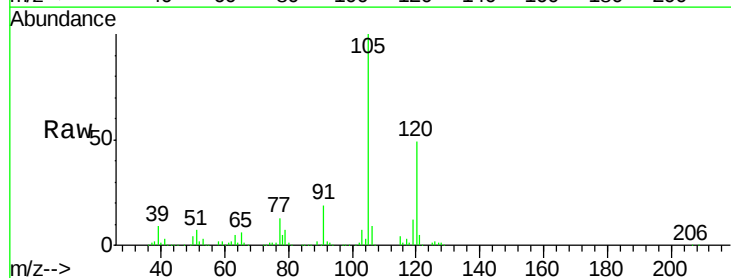


Abundance Ion 91.00 (90.70 to 91.70): VD061644.D (-1258) (-)  
 Ion 125.95 (125.65 to 126.65): VD061644.D (-1258) (-)

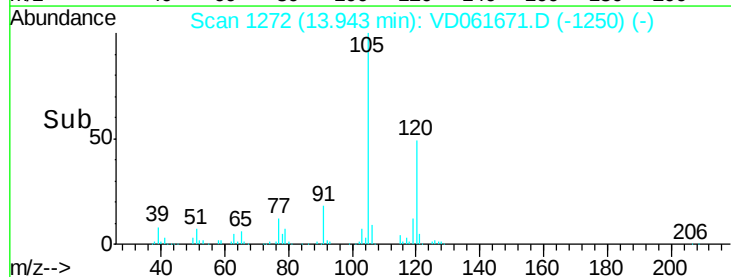
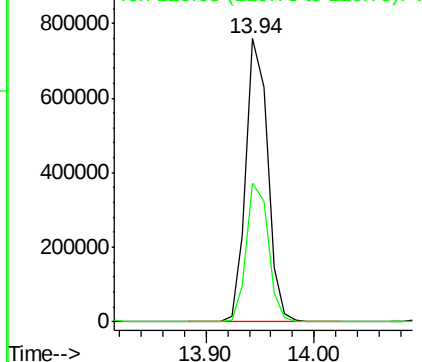


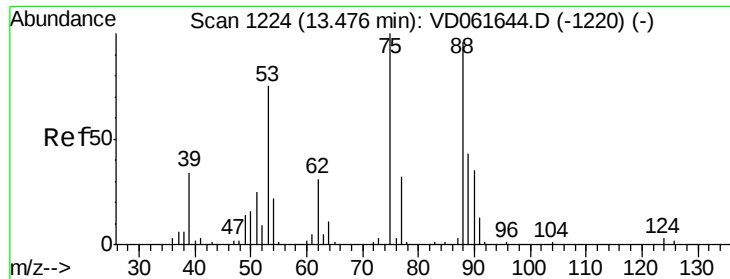
#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.896 ug/l  
 RT: 13.94 min Scan# 1272  
 Delta R.T. 0.01 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Tgt Ion: 105 Resp: 1065617  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 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: 53.878 ug/l

RT: 13.49 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

ClientSampleId :

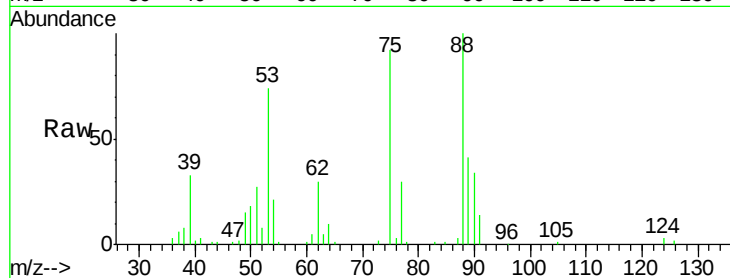
Tot Ion: 75 Resp: 86364

Ion Ratio Lower Upper

75 100

53 79.8 60.2 90.2

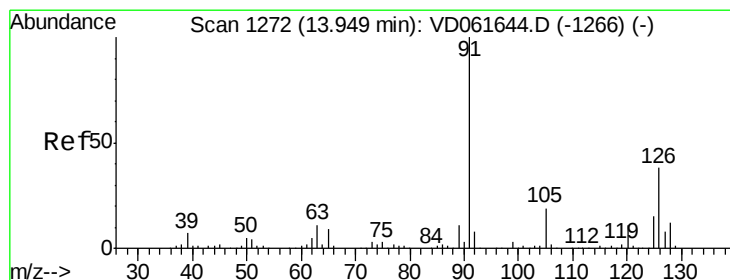
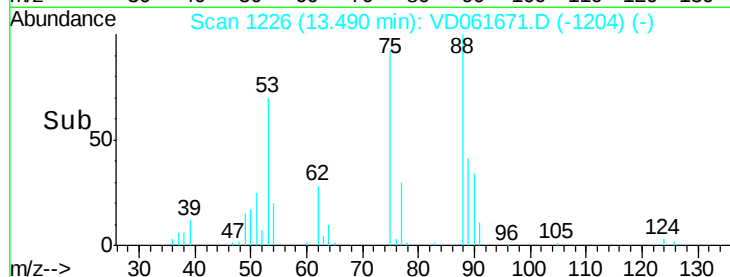
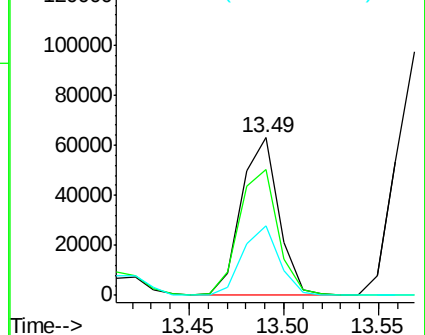
89 44.0 34.2 51.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 50.895 ug/l

RT: 13.96 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VD061671.D

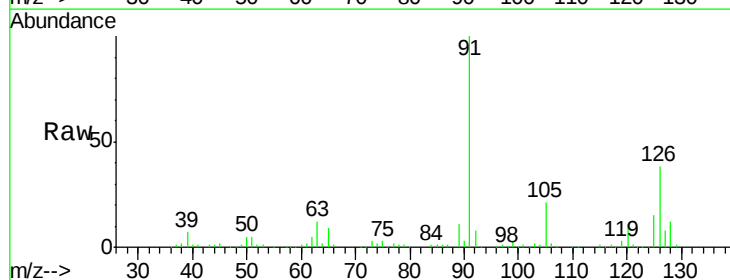
Acq: 9 Apr 2019 13:11

Tgt Ion: 91 Resp: 986951

Ion Ratio Lower Upper

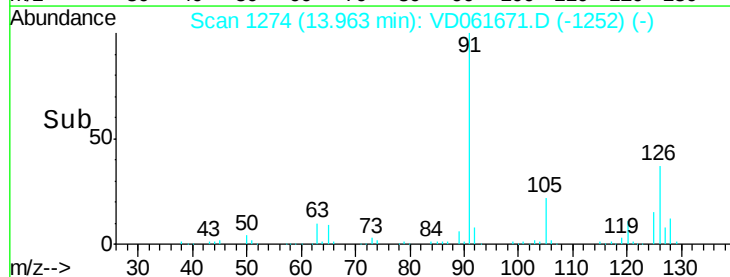
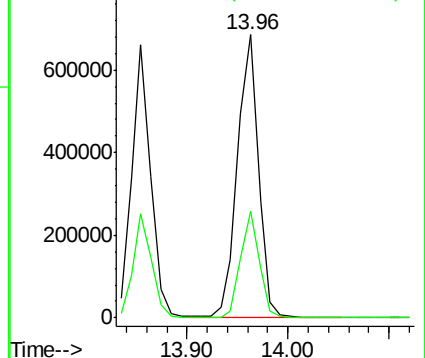
91 100

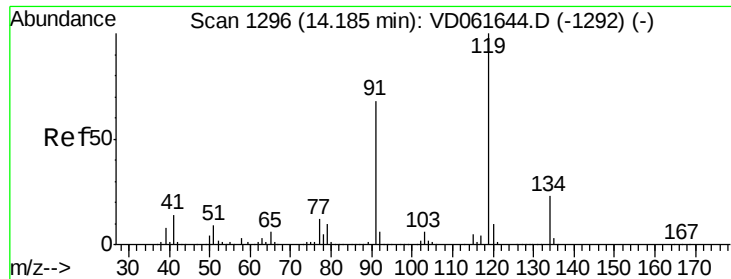
126 37.6 19.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

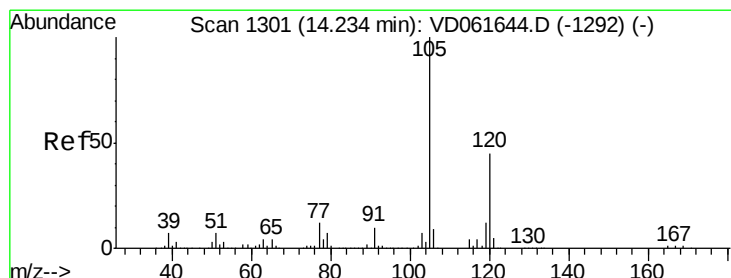
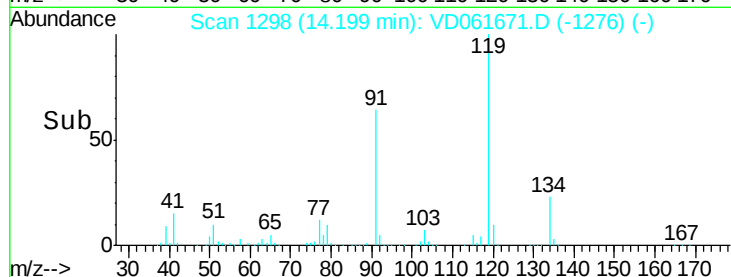
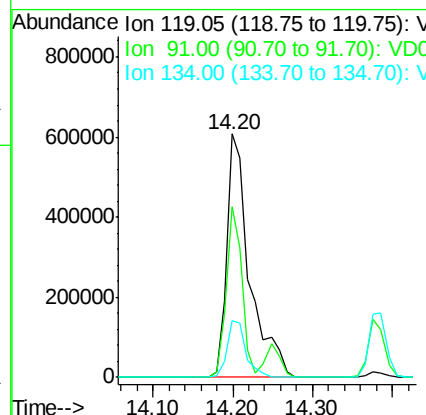
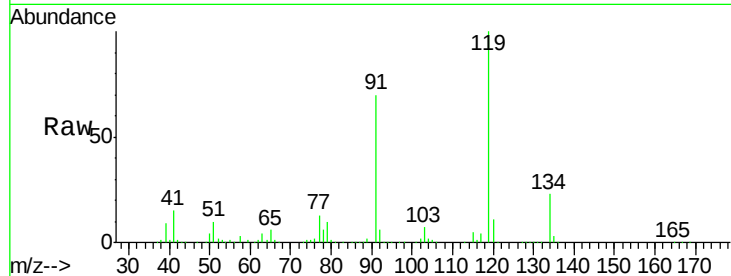




#83  
tert-Butylbenzene  
Concen: 49.592 ug/l  
RT: 14.20 min Scan# 1298  
Delta R.T. 0.01 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

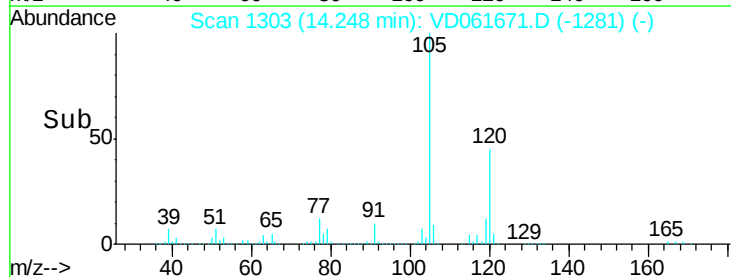
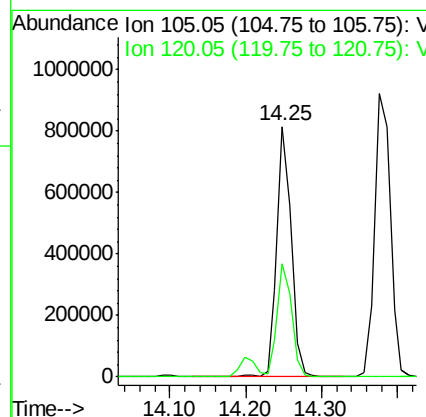
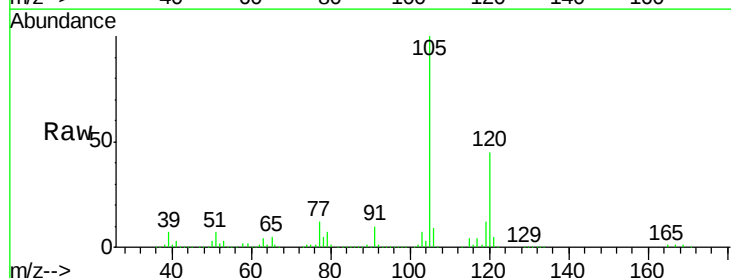
Instrument :  
MSVOA\_D  
ClientSampleId :

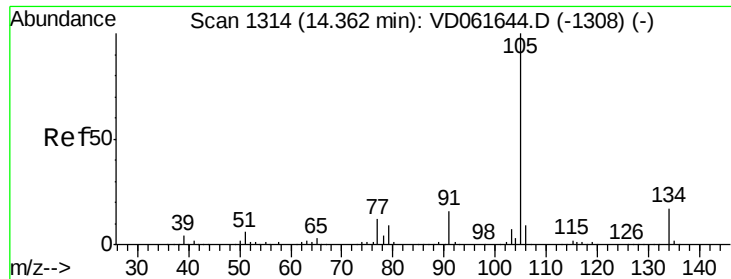
Tot Ion:119 Resp: 1227787  
Ion Ratio Lower Upper  
119 100  
91 70.2 33.9 101.6  
134 23.2 11.6 34.8



#84  
1,2,4-Trimethylbenzene  
Concen: 51.595 ug/l  
RT: 14.25 min Scan# 1303  
Delta R.T. 0.01 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion:105 Resp: 1069251  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 49.206 ug/l

RT: 14.38 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

Instrument :

MSVOA\_D

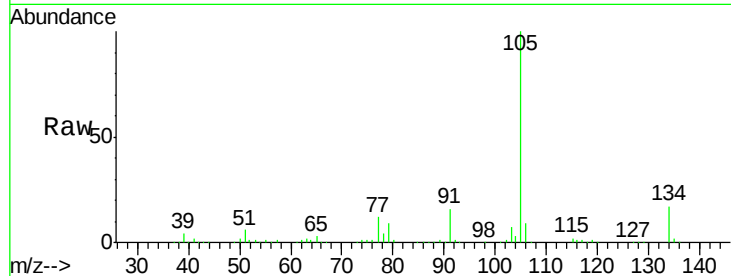
ClientSampled :

Tot Ion:105 Resp: 1316210

Ion Ratio Lower Upper

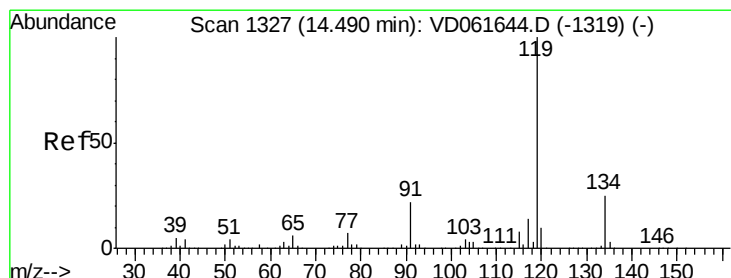
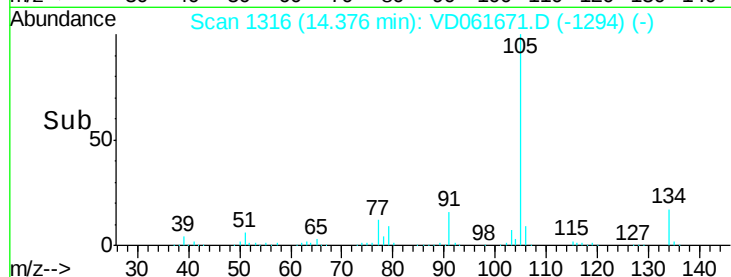
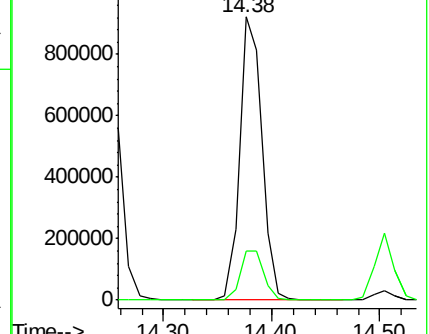
105 100

134 17.3 8.6 25.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 47.577 ug/l

RT: 14.50 min Scan# 1329

Delta R.T. 0.01 min

Lab File: VD061671.D

Acq: 9 Apr 2019 13:11

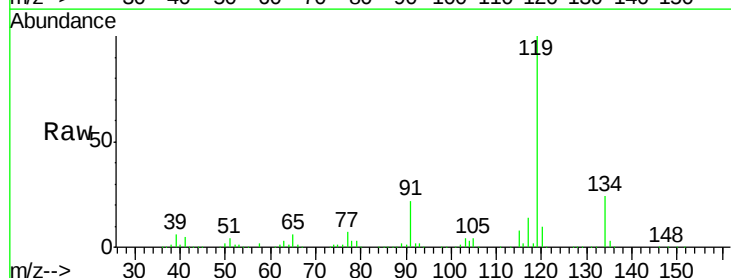
Tgt Ion:119 Resp: 1103997

Ion Ratio Lower Upper

119 100

134 24.4 12.5 37.5

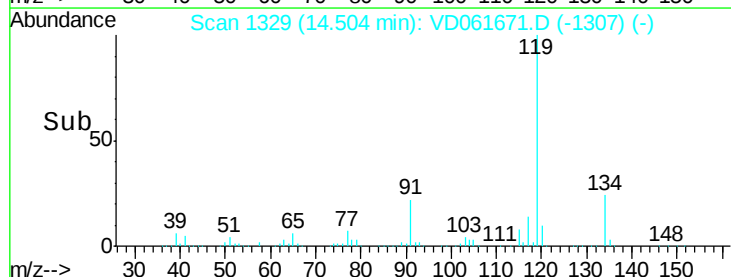
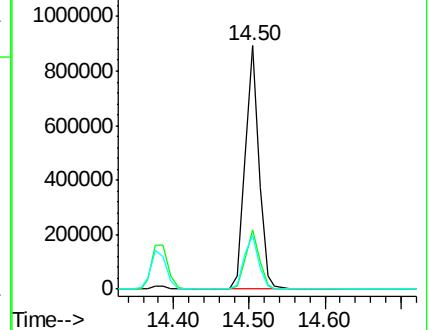
91 22.2 11.0 33.0

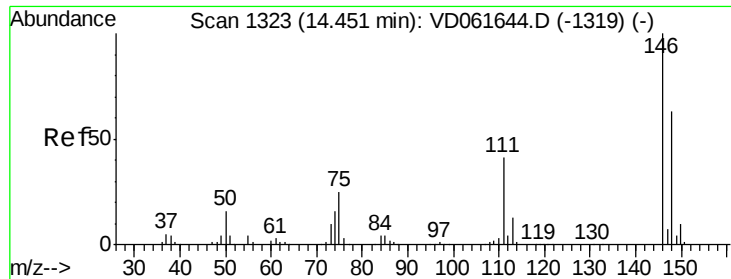


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

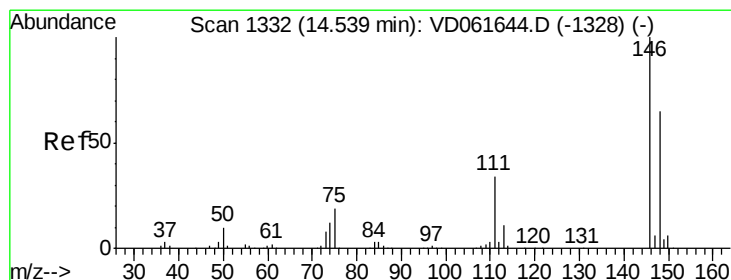
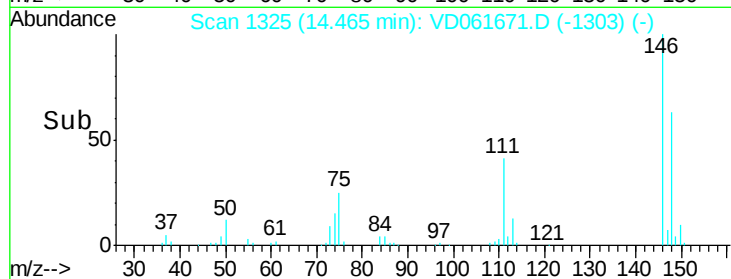
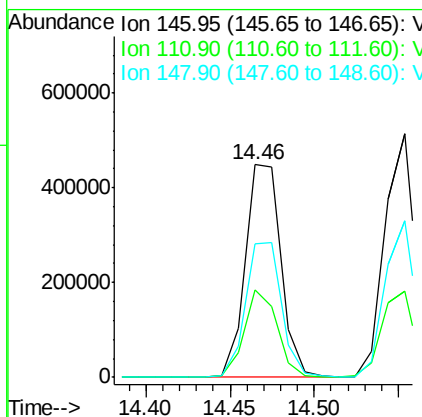
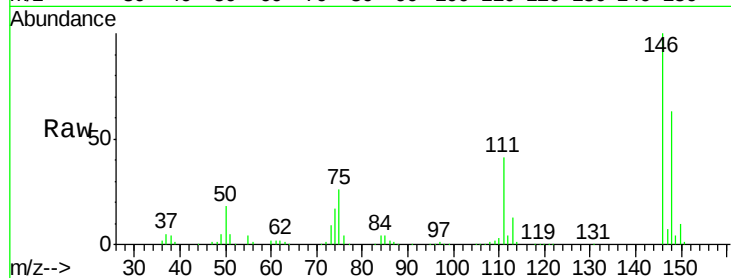




#87  
 1,3-Dichlorobenzene  
 Concen: 51.026 ug/l  
 RT: 14.46 min Scan# 1325  
 Delta R.T. 0.01 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

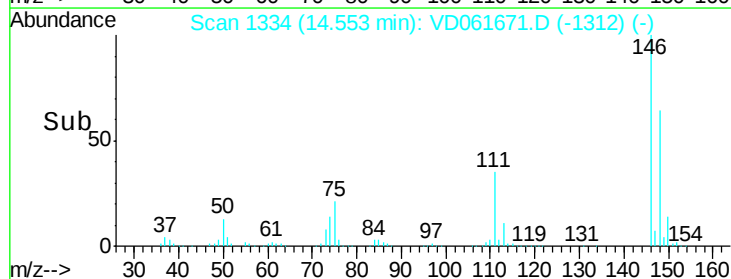
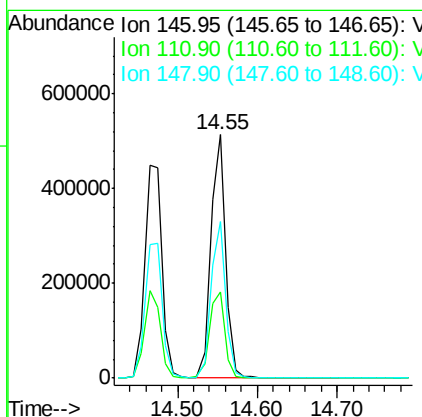
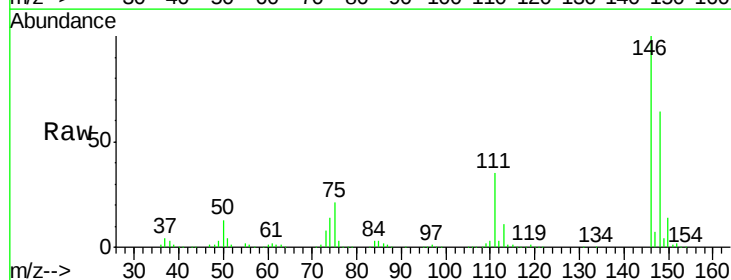
Instrument :  
 MSVOA\_D  
 ClientSampled :

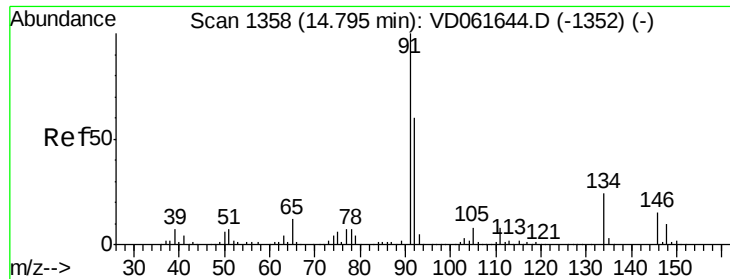
Tot Ion:146 Resp: 659428  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 20.3 61.0  
 148 63.2 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 51.063 ug/l  
 RT: 14.55 min Scan# 1334  
 Delta R.T. 0.01 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Tgt Ion:146 Resp: 665850  
 Ion Ratio Lower Upper  
 146 100  
 111 35.2 17.1 51.2  
 148 64.1 32.6 97.7

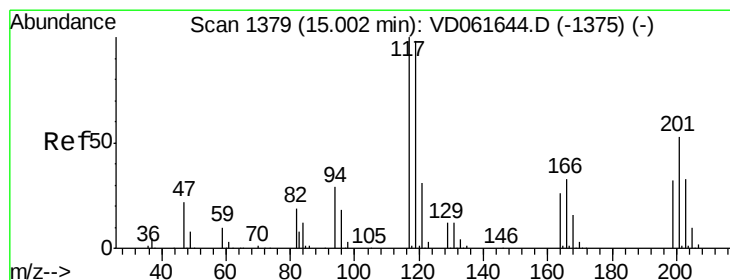
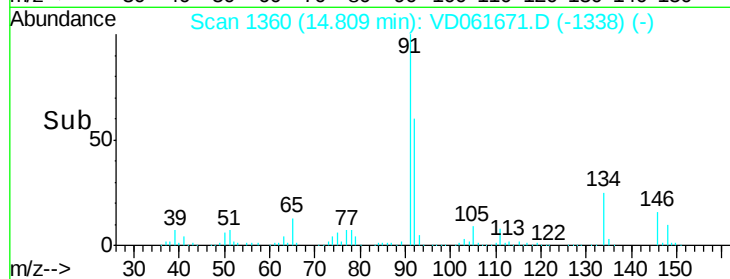
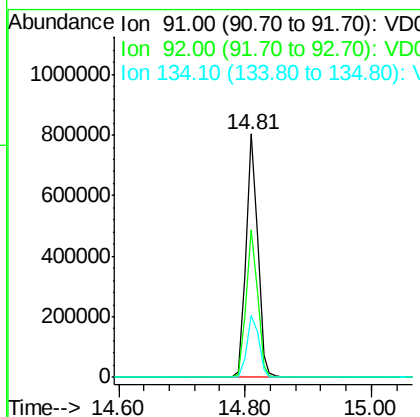
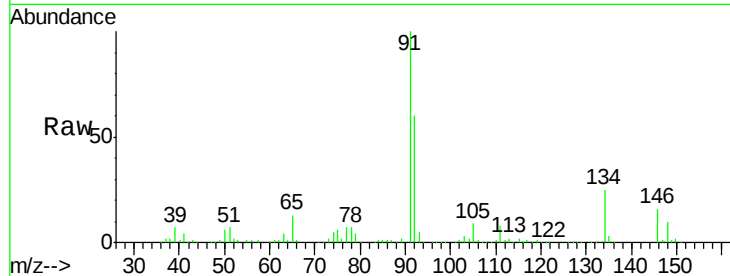




#89  
n-Butylbenzene  
Concen: 50.613 ug/l  
RT: 14.81 min Scan# 1360  
Delta R.T. 0.01 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

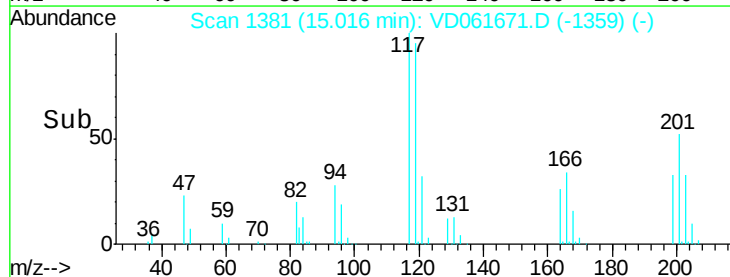
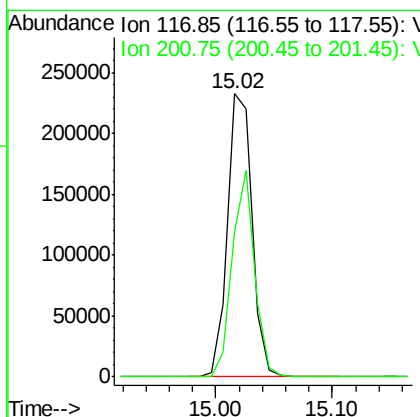
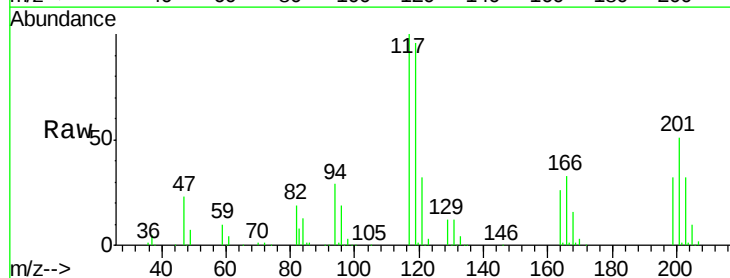
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 91 Resp: 1020832  
Ion Ratio Lower Upper  
91 100  
92 60.4 29.8 89.4  
134 25.2 12.2 36.4



#90  
Hexachloroethane  
Concen: 54.154 ug/l  
RT: 15.02 min Scan# 1381  
Delta R.T. 0.01 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion: 117 Resp: 340968  
Ion Ratio Lower Upper  
117 100  
201 51.5 26.3 78.8

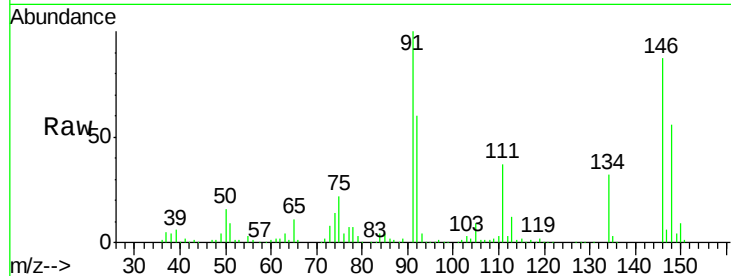




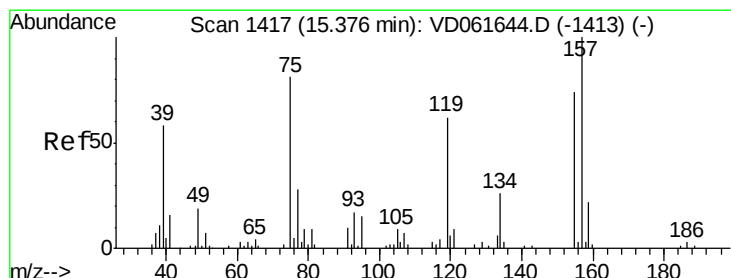
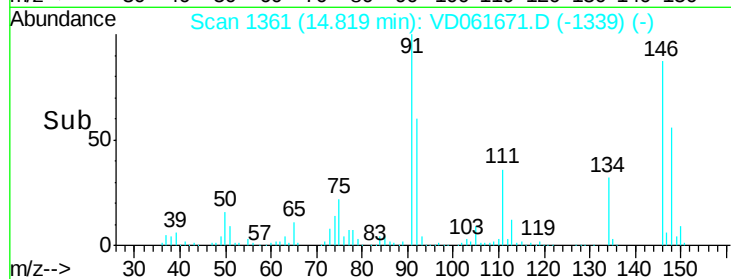
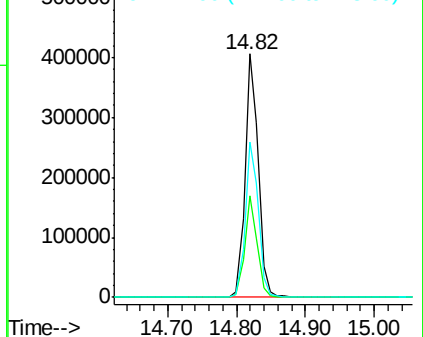
#91  
 1,2-Dichlorobenzene  
 Concen: 50.258 ug/l  
 RT: 14.82 min Scan# 1361  
 Delta R.T. 0.01 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:146 Resp: 535311  
 Ion Ratio Lower Upper  
 146 100  
 111 42.0 21.1 63.3  
 148 63.9 31.7 95.1

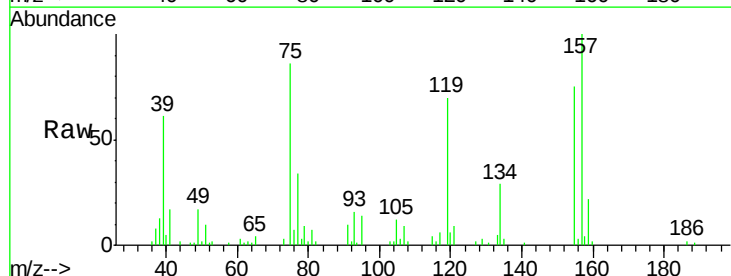


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

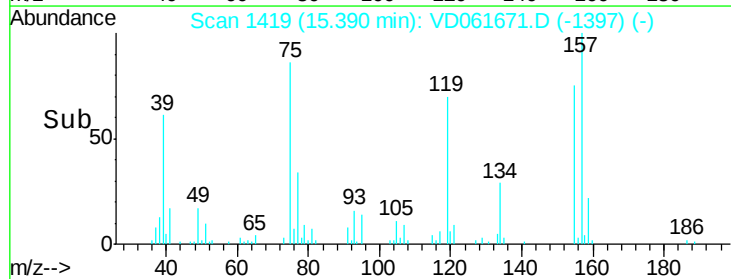
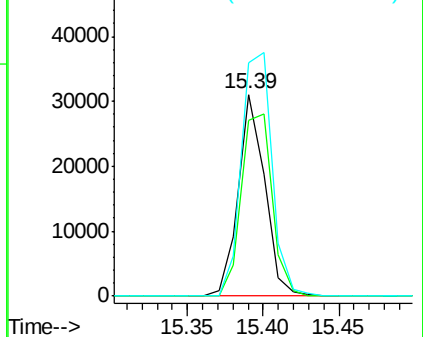


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 58.216 ug/l  
 RT: 15.39 min Scan# 1419  
 Delta R.T. 0.02 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Tgt Ion: 75 Resp: 37579  
 Ion Ratio Lower Upper  
 75 100  
 155 87.3 45.6 136.7  
 157 115.8 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

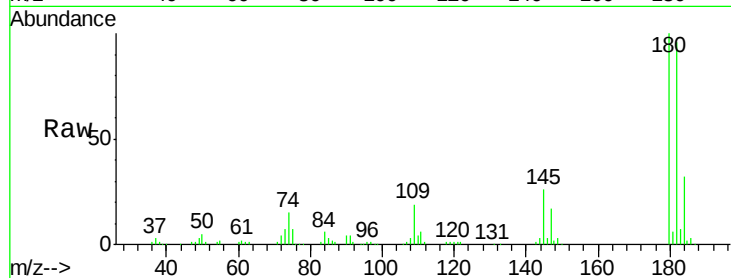




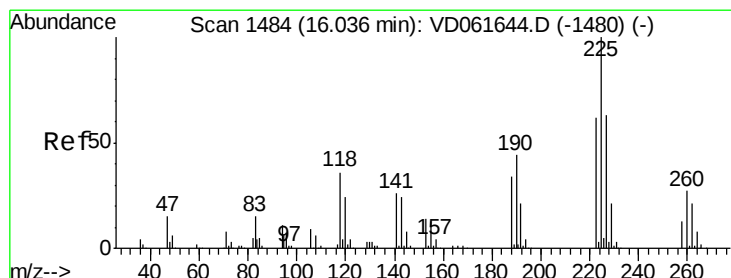
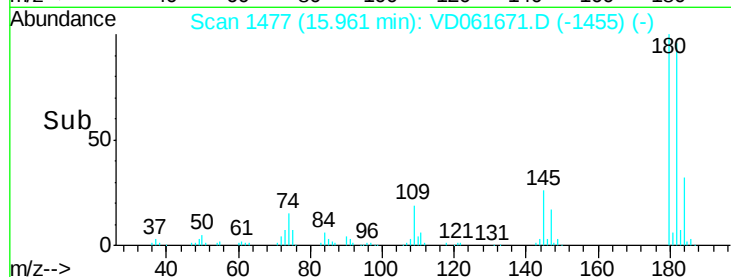
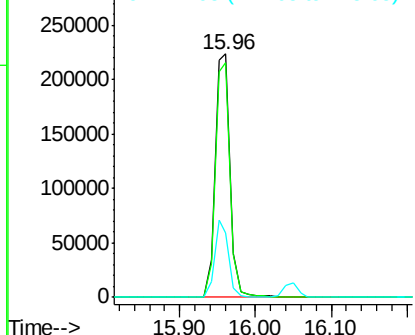
#93  
 1,2,4-Trichlorobenzene  
 Concen: 58.094 ug/l  
 RT: 15.96 min Scan# 1477  
 Delta R.T. 0.01 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:180 Resp: 315248  
 Ion Ratio Lower Upper  
 180 100  
 182 96.5 47.8 143.3  
 145 26.3 13.3 39.8

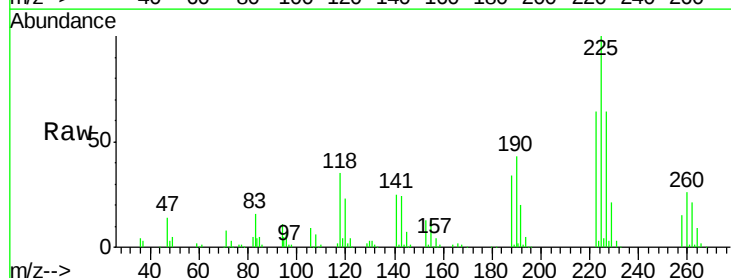


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

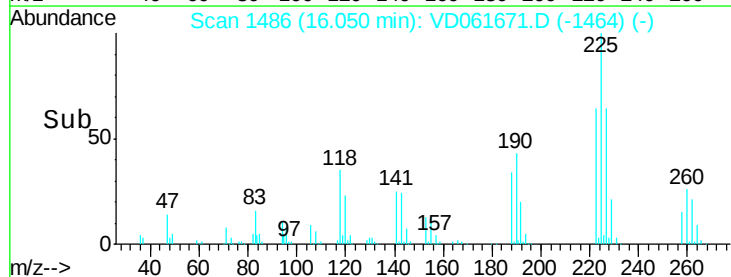
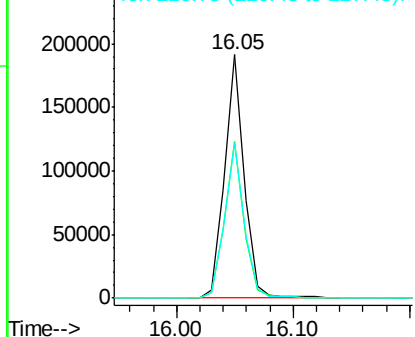


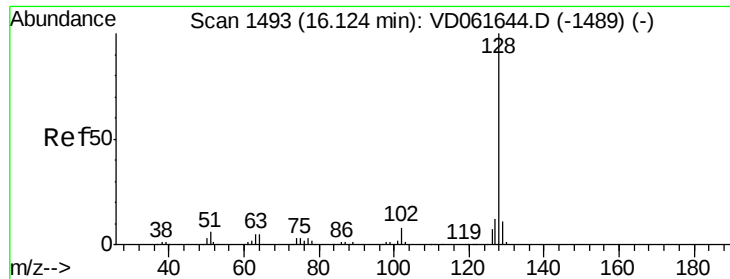
#94  
 Hexachlorobutadiene  
 Concen: 53.208 ug/l  
 RT: 16.05 min Scan# 1486  
 Delta R.T. 0.01 min  
 Lab File: VD061671.D  
 Acq: 9 Apr 2019 13:11

Tgt Ion:225 Resp: 222950  
 Ion Ratio Lower Upper  
 225 100  
 223 64.2 30.8 92.3  
 227 63.8 31.5 94.5



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

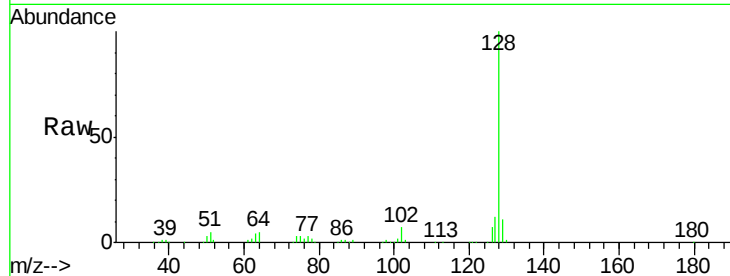




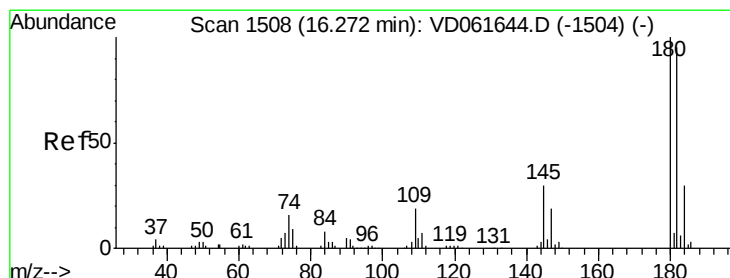
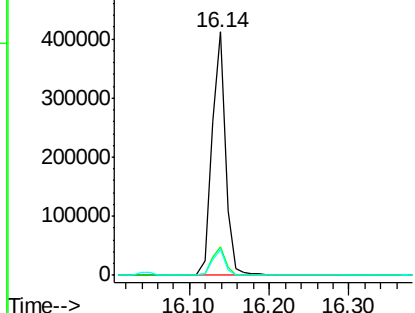
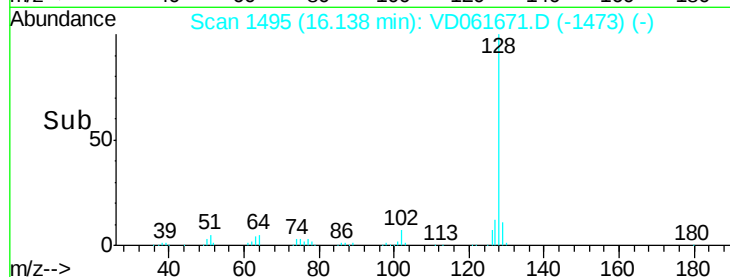
#95  
Naphthalene  
Concen: 57.507 ug/l  
RT: 16.14 min Scan# 1495  
Delta R.T. 0.01 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:128 Resp: 493774  
Ion Ratio Lower Upper  
128 100  
127 11.9 9.4 14.2  
129 10.7 8.8 13.2

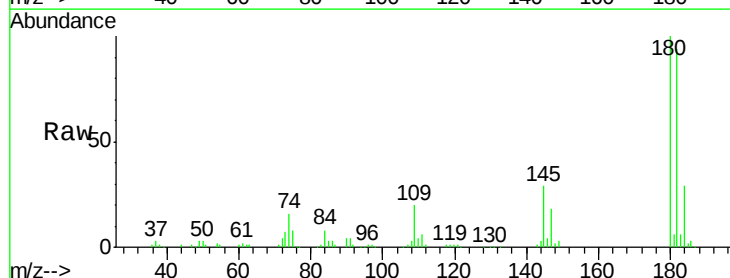


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 70.004 ug/l  
RT: 16.29 min Scan# 1510  
Delta R.T. 0.01 min  
Lab File: VD061671.D  
Acq: 9 Apr 2019 13:11

Tgt Ion:180 Resp: 189590  
Ion Ratio Lower Upper  
180 100  
182 94.0 47.3 142.0  
145 29.2 15.1 45.3



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

