

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042219\  
 Data File : VD061933.D  
 Acq On : 22 Apr 2019 12:16  
 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 22 23:29:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 18 13:49:04 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.06  | 168  | 704161   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 1074572  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 840201   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.53 | 152  | 422208   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.46   | 65  | 294112   | 49.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.68%  |      |
| 35) Dibromofluoromethane  | 6.93   | 113 | 422876   | 52.09 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.18% |      |
| 50) Toluene-d8            | 10.41  | 98  | 989587   | 51.44 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.88% |      |
| 62) 4-Bromofluorobenzene  | 13.56  | 95  | 398698   | 51.14 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.28% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85  | 333421  | 48.513  | ug/l | 98     |
| 3) Chloromethane              | 1.75 | 50  | 255332  | 46.616  | ug/l | 95     |
| 4) Vinyl Chloride             | 1.85 | 62  | 252457  | 46.442  | ug/l | 95     |
| 5) Bromomethane               | 2.15 | 94  | 58145   | 47.620  | ug/l | 97     |
| 6) Chloroethane               | 2.27 | 64  | 93628   | 50.488  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 2.53 | 101 | 381760  | 43.302  | ug/l | 95     |
| 8) Diethyl Ether              | 2.87 | 74  | 91450   | 39.580  | ug/l | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101 | 337333  | 42.912  | ug/l | 97     |
| 10) Methyl Iodide             | 3.31 | 142 | 494758  | 40.167  | ug/l | 96     |
| 11) Tert butyl alcohol        | 4.06 | 59  | 81034   | 232.838 | ug/l | 96     |
| 12) 1,1-Dichloroethene        | 3.13 | 96  | 280055  | 42.376  | ug/l | 99     |
| 13) Acrolein                  | 3.04 | 56  | 66715   | 198.014 | ug/l | 98     |
| 14) Allyl chloride            | 3.62 | 41  | 388476  | 43.126  | ug/l | 96     |
| 15) Acrylonitrile             | 4.20 | 53  | 225533  | 206.420 | ug/l | 89     |
| 16) Acetone                   | 3.22 | 43  | 369934  | 254.336 | ug/l | 97     |
| 17) Carbon Disulfide          | 3.39 | 76  | 864013  | 40.463  | ug/l | 100    |
| 18) Methyl Acetate            | 3.64 | 43  | 115668  | 39.676  | ug/l | 96     |
| 19) Methyl tert-butyl Ether   | 4.24 | 73  | 587024  | 47.597  | ug/l | 98     |
| 20) Methylene Chloride        | 3.82 | 84  | 323559  | 44.223  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 4.22 | 96  | 329665  | 45.390  | ug/l | 99     |
| 22) Diisopropyl ether         | 5.12 | 45  | 970159  | 50.384  | ug/l | 94     |
| 23) Vinyl Acetate             | 5.06 | 43  | 2598743 | 252.469 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 4.99 | 63  | 576351  | 49.368  | ug/l | 100    |
| 25) 2-Butanone                | 6.07 | 43  | 410841  | 248.105 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.03 | 77  | 512965  | 50.834  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.04 | 96  | 375865  | 47.739  | ug/l | 99     |
| 28) Bromochloromethane        | 6.45 | 49  | 209551  | 47.255  | ug/l | 98     |
| 29) Tetrahydrofuran           | 6.46 | 42  | 201172  | 249.401 | ug/l | 99     |
| 30) Chloroform                | 6.67 | 83  | 655956  | 50.375  | ug/l | 100    |
| 31) Cyclohexane               | 6.96 | 56  | 417064  | 46.666  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 6.88 | 97  | 598772  | 51.873  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 7.16 | 75  | 461340  | 52.538  | ug/l | 100    |
| 37) Ethyl Acetate             | 6.18 | 43  | 191639  | 50.992  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.12 | 117 | 646920  | 58.345  | ug/l | 99     |

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 22 23:29:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 18 13:49:04 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 8.87  | 83   | 494630   | 54.245   | ug/l   | 96       |
| 40) Benzene                    | 7.46  | 78   | 1120820  | 53.167   | ug/l   | 99       |
| 41) Methacrylonitrile          | 6.45  | 41   | 233703   | 52.612   | ug/l # | 94       |
| 42) 1,2-Dichloroethane         | 7.59  | 62   | 392900   | 53.514   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 9.24  | 43   | 281926   | 53.308   | ug/l # | 97       |
| 44) Trichloroethene            | 8.54  | 130  | 417266   | 51.416   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 8.95  | 63   | 278317   | 50.685   | ug/l   | 99       |
| 46) Dibromomethane             | 9.07  | 93   | 211078   | 53.947   | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.38  | 83   | 499625   | 55.351   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.12  | 41   | 169897   | 54.651   | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.08  | 88   | 36994    | 1088.732 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.31 | 43   | 850311   | 262.911  | ug/l   | 99       |
| 52) Toluene                    | 10.51 | 92   | 714351   | 52.878   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.92 | 75   | 426084   | 52.386   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.04 | 75   | 505795   | 52.977   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 11.19 | 97   | 236138   | 51.874   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 11.04 | 69   | 267371   | 53.515   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 11.42 | 76   | 386722   | 56.508   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 578463   | 243.419  | ug/l   | 97       |
| 59) 2-Hexanone                 | 11.54 | 43   | 641599   | 267.096  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.69 | 129  | 409998   | 55.044   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.81 | 107  | 292237   | 52.209   | ug/l   | 99       |
| 64) Tetrachloroethene          | 11.27 | 164  | 307747   | 48.840   | ug/l   | 99       |
| 65) Chlorobenzene              | 12.40 | 112  | 852896   | 54.507   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.52 | 131  | 343792   | 52.429   | ug/l   | 95       |
| 67) Ethyl Benzene              | 12.53 | 91   | 1257878  | 50.198   | ug/l   | 99       |
| 68) m/p-Xylenes                | 12.68 | 106  | 1021081  | 108.480  | ug/l   | 94       |
| 69) o-Xylene                   | 13.05 | 106  | 469111   | 53.024   | ug/l   | 99       |
| 70) Styrene                    | 13.08 | 104  | 827472   | 54.351   | ug/l   | 97       |
| 71) Bromoform                  | 13.24 | 173  | 226323   | 58.147   | ug/l   | 97       |
| 73) Isopropylbenzene           | 13.41 | 105  | 1337004  | 48.828   | ug/l   | 99       |
| 74) N-amyl acetate             | 13.27 | 43   | 349007   | 47.400   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 259076   | 47.867   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 284801   | 51.364   | ug/l   | 99       |
| 77) Bromobenzene               | 13.67 | 156  | 368777   | 47.412   | ug/l   | 86       |
| 78) n-propylbenzene            | 13.78 | 91   | 1570299  | 49.637   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 13.85 | 91   | 916743   | 49.606   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 1137048  | 52.335   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 13.48 | 75   | 86688    | 48.353   | ug/l   | 91       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 1051625  | 49.715   | ug/l   | 88       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 1324654  | 51.926   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 1143791  | 52.373   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 14.37 | 105  | 1270943  | 48.193   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 14.50 | 119  | 1236773  | 50.123   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 675645   | 49.758   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 675280   | 50.309   | ug/l   | 99       |
| 89) n-Butylbenzene             | 14.80 | 91   | 1107873  | 50.723   | ug/l   | 98       |
| 90) Hexachloroethane           | 15.01 | 117  | 350743   | 52.152   | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 548851   | 48.255   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 15.39 | 75   | 36599    | 48.550   | ug/l   | 92       |

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Data File : VD061933.D  
Acq On : 22 Apr 2019 12:16  
Operator : VA/AP  
Sample : VSTDCCC050  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 3 Sample Multiplier: 1

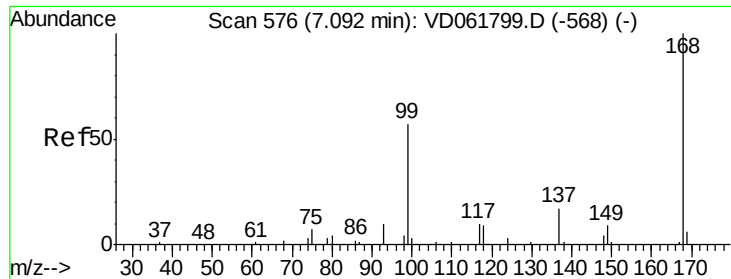
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Apr 22 23:29:20 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 18 13:49:04 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180  | 302920   | 48.490 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 238411   | 52.662 | ug/l  | 98       |
| 95) Naphthalene            | 16.13 | 128  | 499214   | 52.137 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 16.28 | 180  | 163664   | 45.973 | ug/l  | 96       |

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

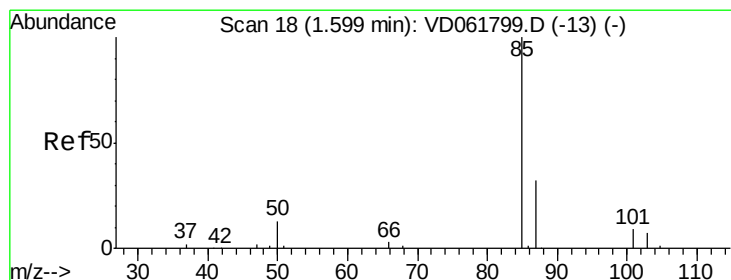
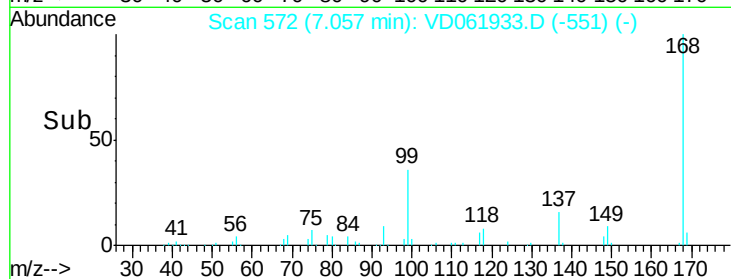
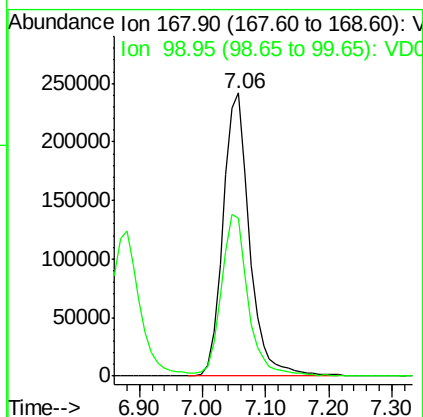
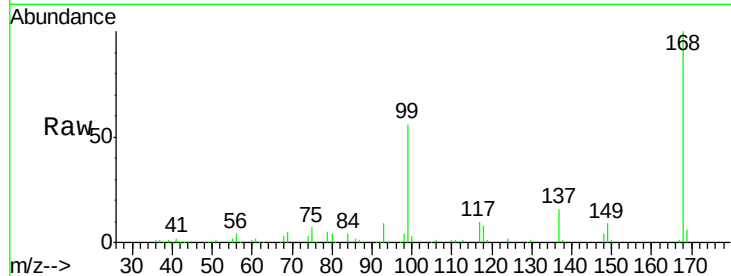




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.06 min Scan# 572  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

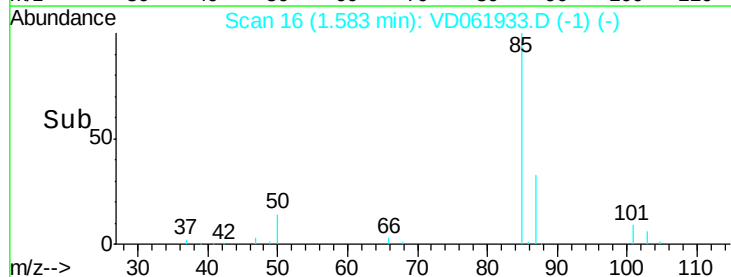
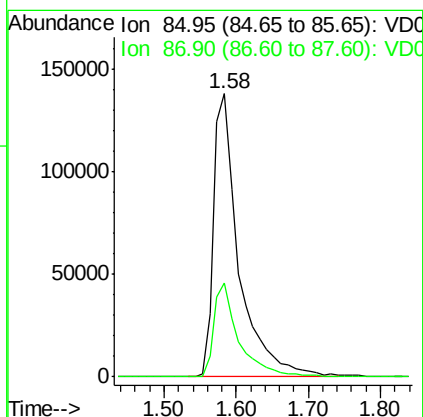
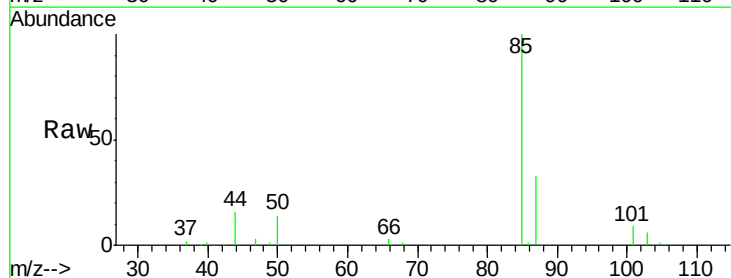
Instrument :  
MSVOA\_D  
ClientSampleId :

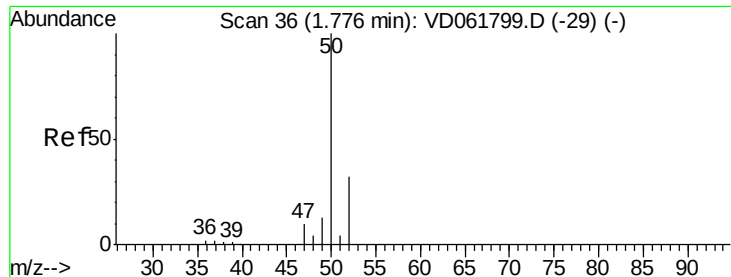
Tot Ion:168 Resp: 704161  
Ion Ratio Lower Upper  
168 100  
99 55.8 46.5 69.7



#2  
Dichlorodifluoromethane  
Concen: 48.513 ug/l  
RT: 1.58 min Scan# 16  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion: 85 Resp: 333421  
Ion Ratio Lower Upper  
85 100  
87 33.3 16.2 48.6





#3

Chloromethane

Concen: 46.616 ug/l

RT: 1.75 min Scan# 33

Delta R.T. -0.00 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

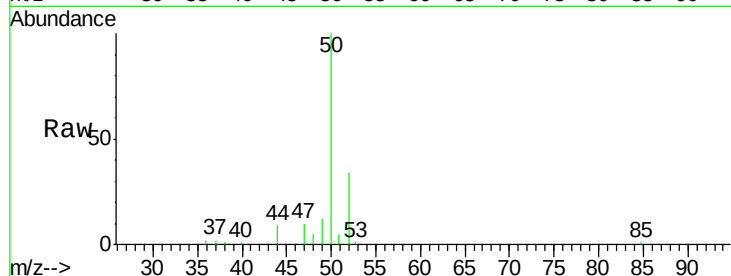
ClientSampleId :

Tot Ion: 50 Resp: 255332

Ion Ratio Lower Upper

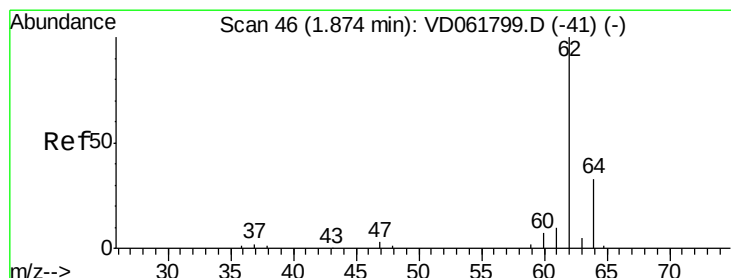
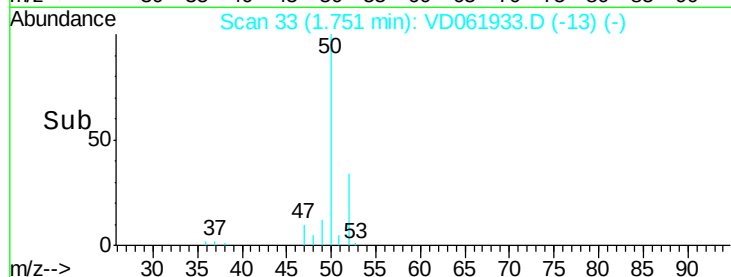
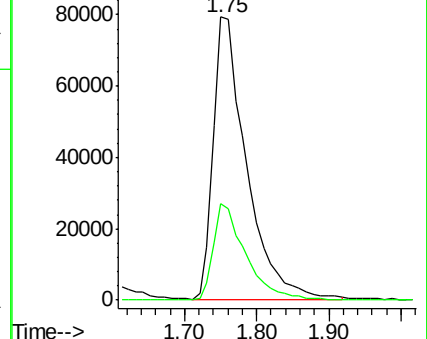
50 100

52 34.3 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.442 ug/l

RT: 1.85 min Scan# 43

Delta R.T. -0.00 min

Lab File: VD061933.D

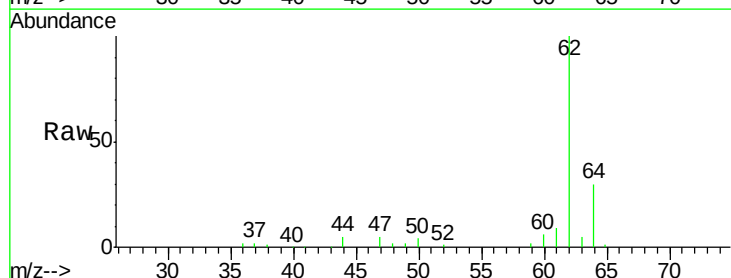
Acq: 22 Apr 2019 12:16

Tgt Ion: 62 Resp: 252457

Ion Ratio Lower Upper

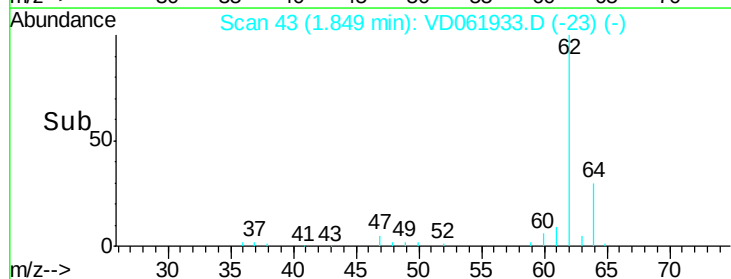
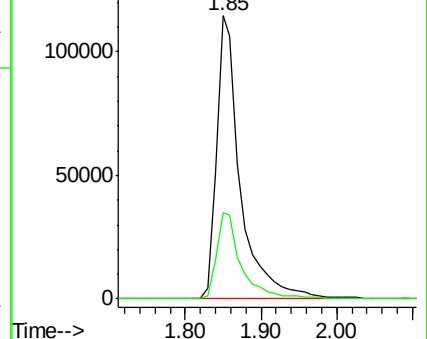
62 100

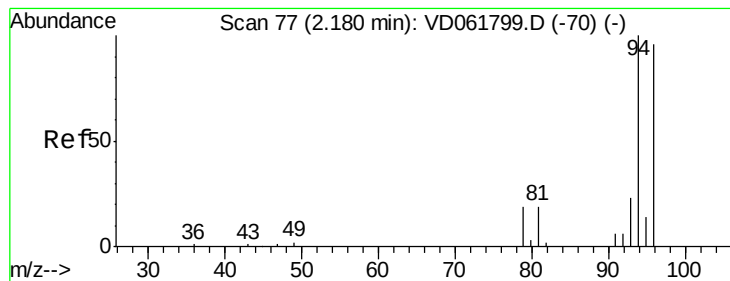
64 30.4 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 47.620 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

ClientSampleId :

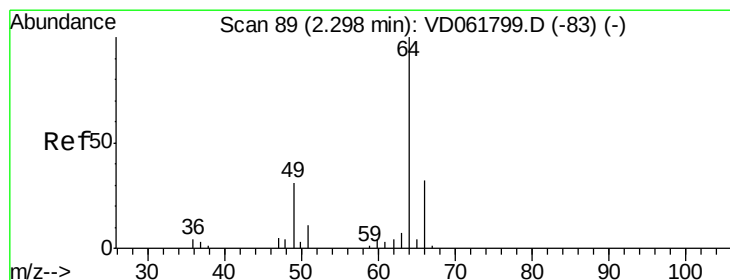
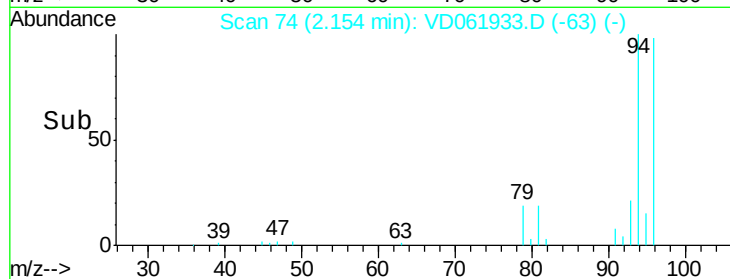
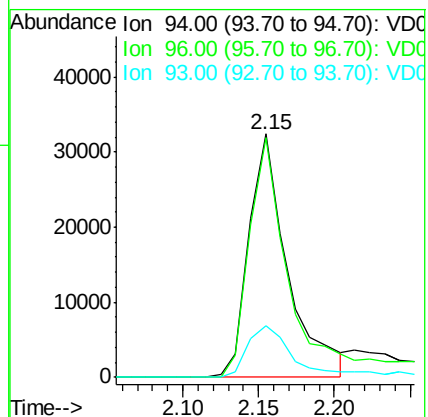
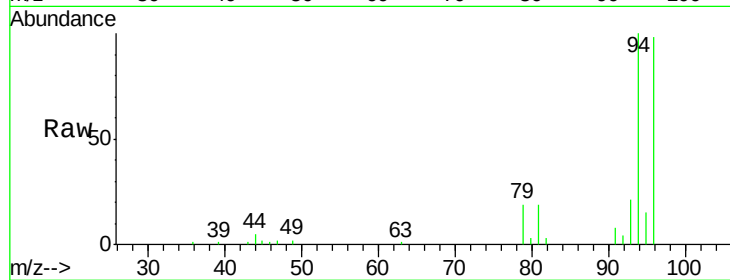
Tot Ion: 94 Resp: 58145

Ion Ratio Lower Upper

94 100

96 98.3 76.6 115.0

93 21.0 18.5 27.7



#6

Chloroethane

Concen: 50.488 ug/l

RT: 2.27 min Scan# 86

Delta R.T. 0.01 min

Lab File: VD061933.D

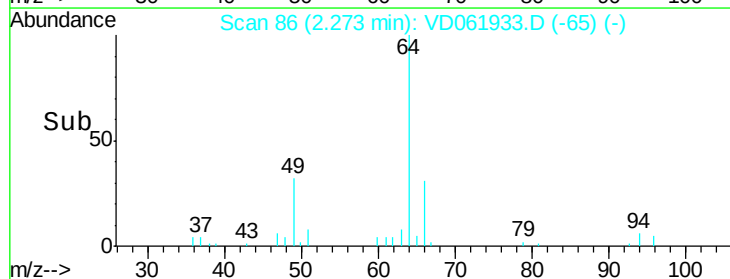
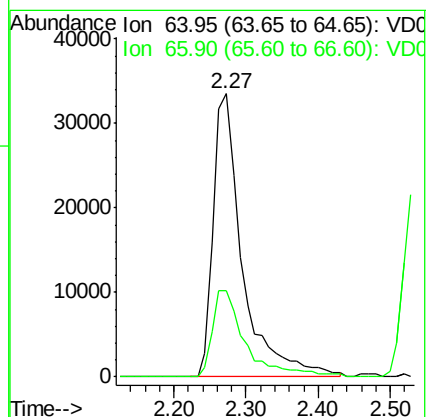
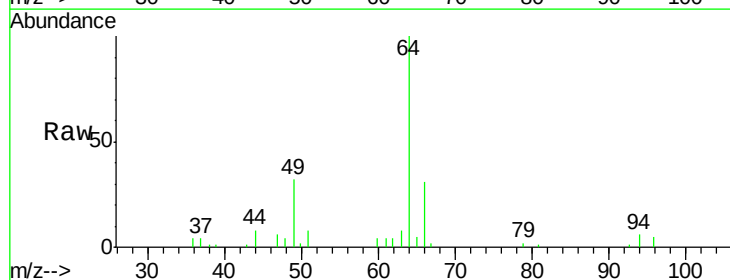
Acq: 22 Apr 2019 12:16

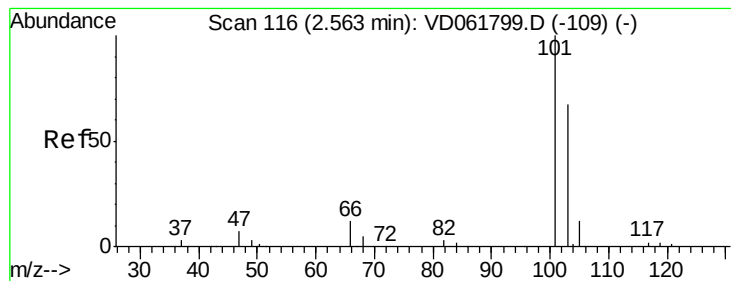
Tgt Ion: 64 Resp: 93628

Ion Ratio Lower Upper

64 100

66 30.7 25.6 38.4



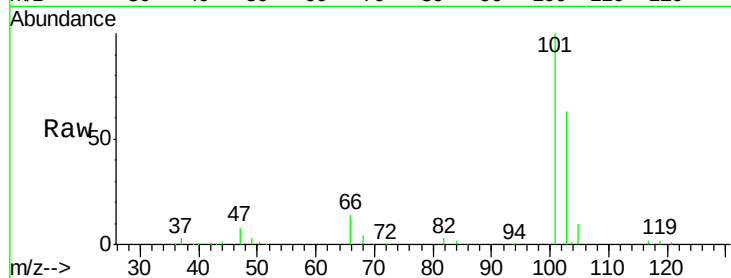


#7

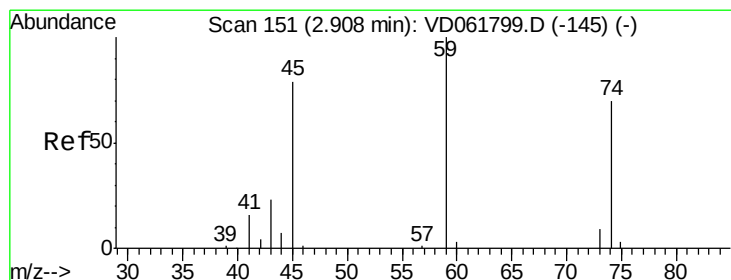
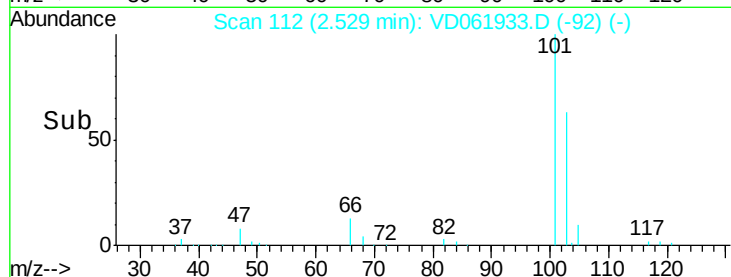
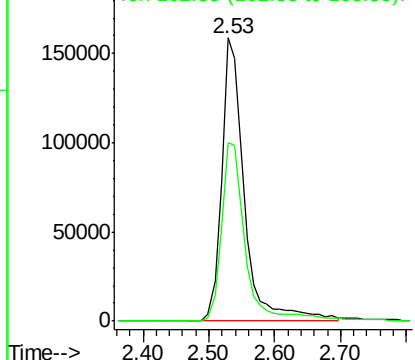
Trichlorofluoromethane  
Concen: 43.302 ug/l  
RT: 2.53 min Scan# 112  
Delta R.T. -0.00 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:101 Resp: 381760  
Ion Ratio Lower Upper  
101 100  
103 63.0 53.6 80.4



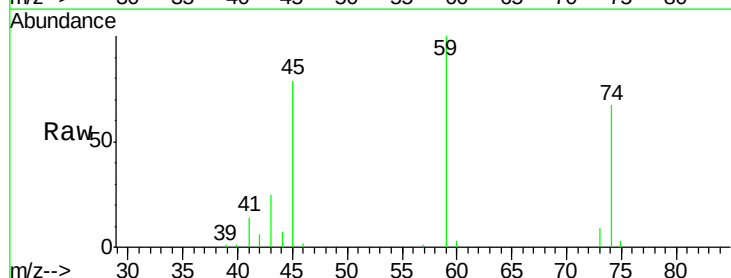
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



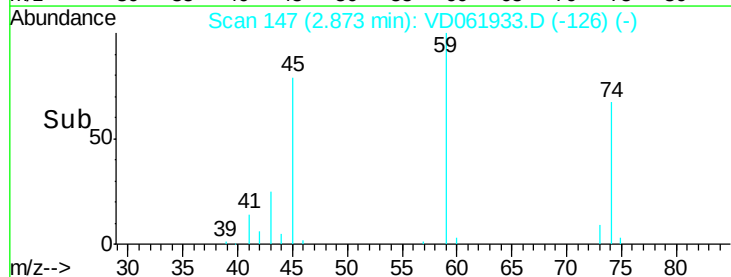
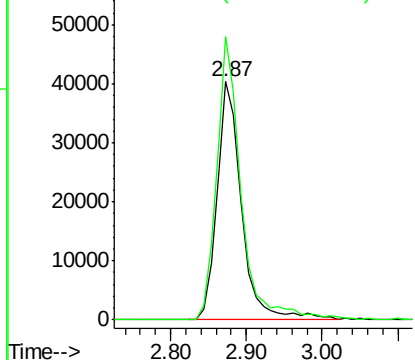
#8

Diethyl Ether  
Concen: 39.580 ug/l  
RT: 2.87 min Scan# 147  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

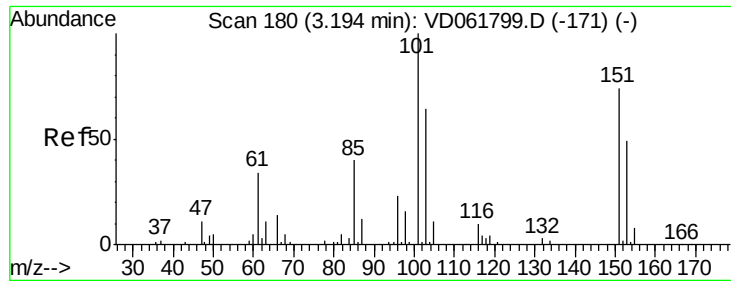
Tgt Ion: 74 Resp: 91450  
Ion Ratio Lower Upper  
74 100  
45 118.8 56.9 170.7



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







#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.912 ug/l

RT: 3.15 min Scan# 175

Delta R.T. -0.00 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

ClientSampled :

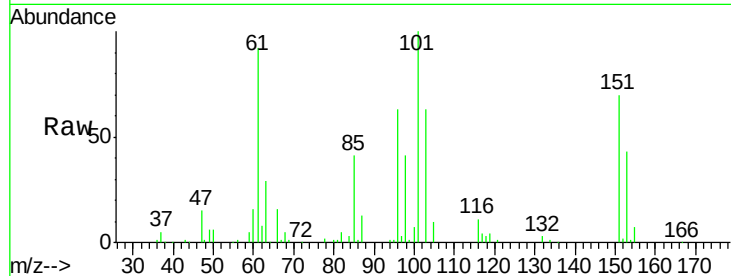
Tot Ion:101 Resp: 337333

Ion Ratio Lower Upper

101 100

85 40.7 32.4 48.6

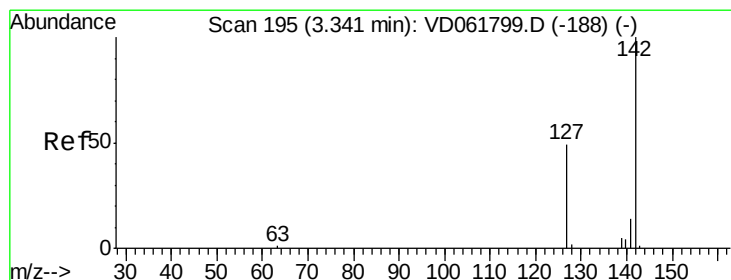
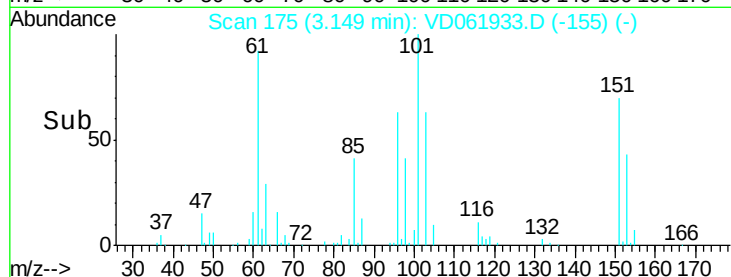
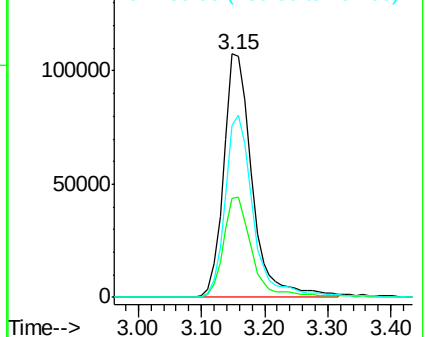
151 70.4 59.4 89.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 40.167 ug/l

RT: 3.31 min Scan# 191

Delta R.T. -0.00 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

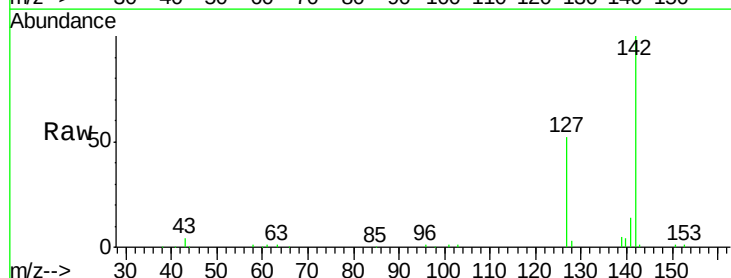
Tgt Ion:142 Resp: 494758

Ion Ratio Lower Upper

142 100

127 51.9 38.8 58.2

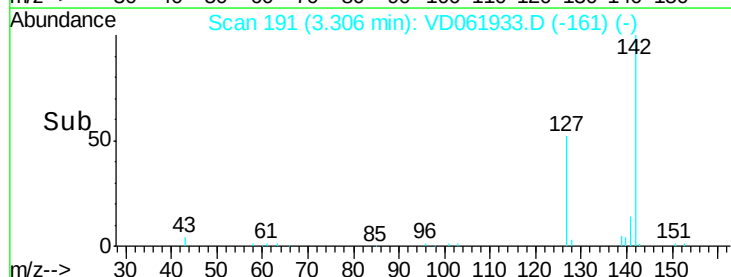
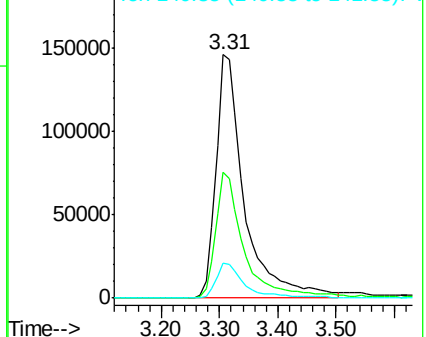
141 14.3 11.4 17.0

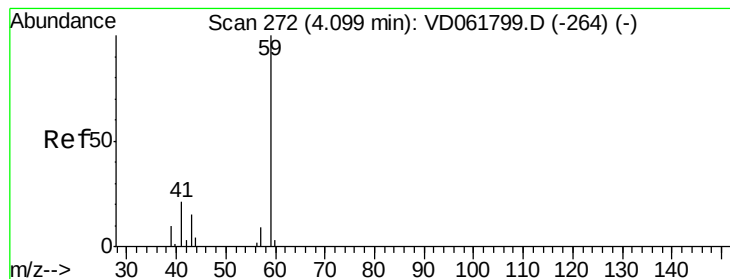


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



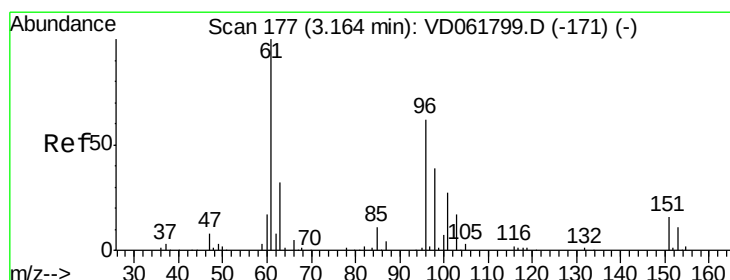
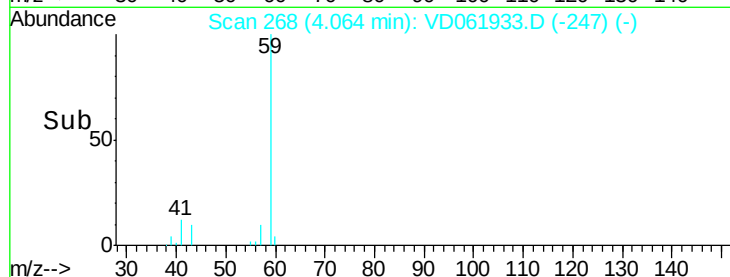
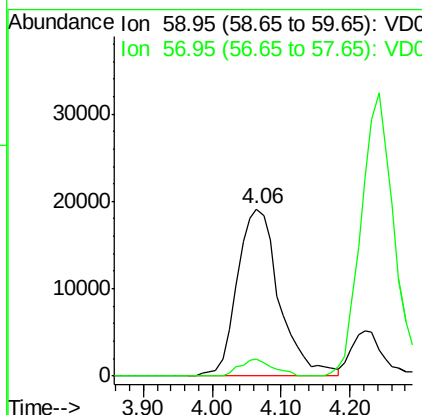
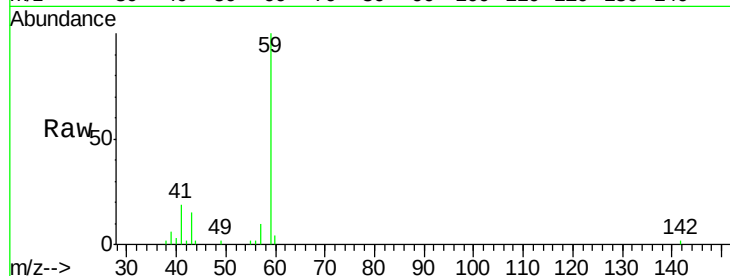


#11

Tert butyl alcohol  
Concen: 232.838 ug/l  
RT: 4.06 min Scan# 268  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Instrument :  
MSVOA\_D  
ClientSampleId :

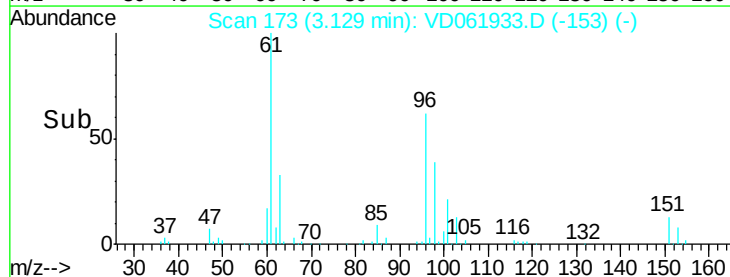
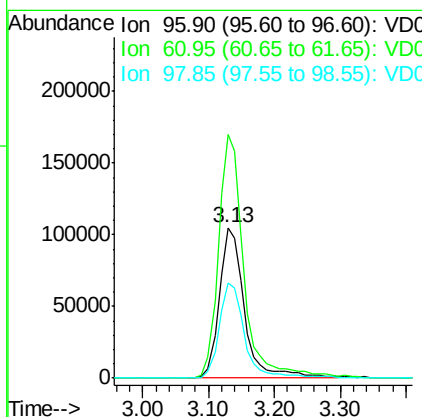
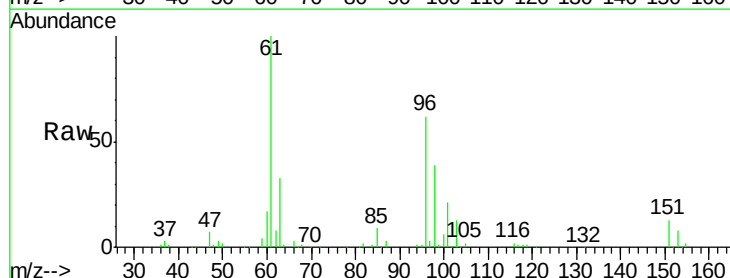
Tot Ion: 59 Resp: 81034  
Ion Ratio Lower Upper  
59 100  
57 10.1 6.9 10.3

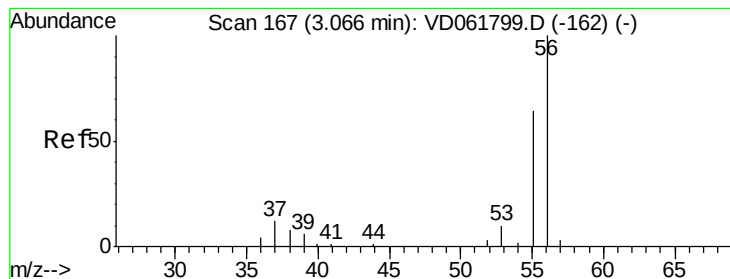


#12

1,1-Dichloroethene  
Concen: 42.376 ug/l  
RT: 3.13 min Scan# 173  
Delta R.T. -0.00 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion: 96 Resp: 280055  
Ion Ratio Lower Upper  
96 100  
61 161.9 129.8 194.8  
98 62.9 51.2 76.8





#13

Acrolein

Concen: 198.014 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

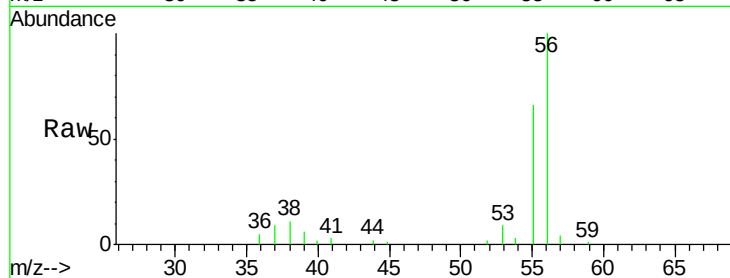
ClientSampleId :

Tot Ion: 56 Resp: 66715

Ion Ratio Lower Upper

56 100

55 66.2 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.04

25000

20000

15000

10000

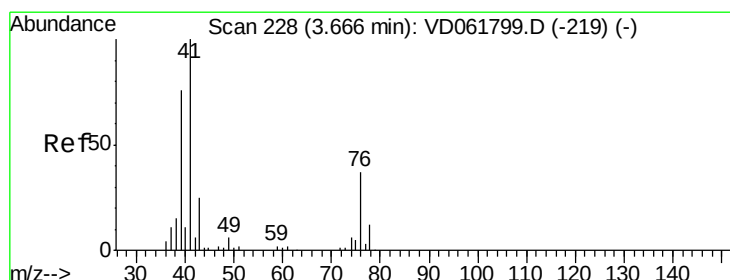
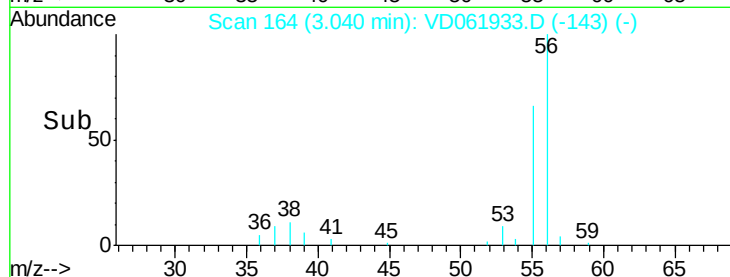
5000

0

Time-->

3.00

3.10



#14

Allyl chloride

Concen: 43.126 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.00 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

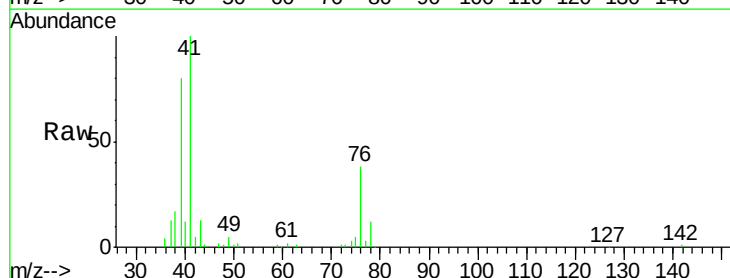
Tgt Ion: 41 Resp: 388476

Ion Ratio Lower Upper

41 100

39 79.7 60.5 90.7

76 37.8 31.8 47.8



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

150000

100000

50000

0

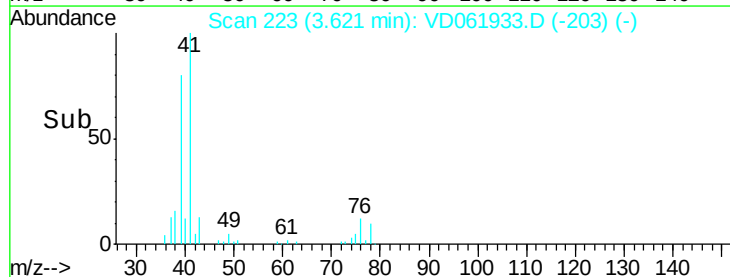
Time-->

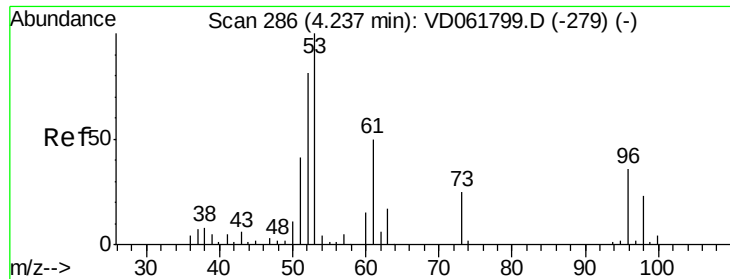
3.50

3.60

3.70

3.80





#15

Acrylonitrile

Concen: 206.420 ug/l

RT: 4.20 min Scan# 282

Delta R.T. 0.02 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

ClientSampled :

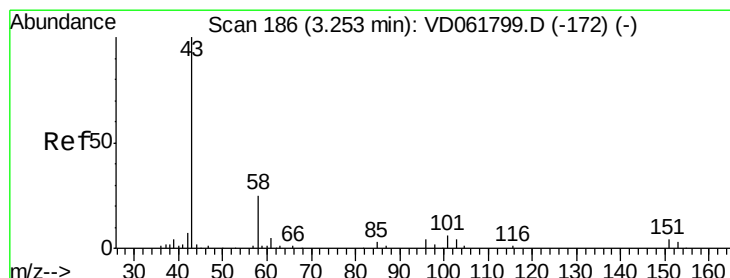
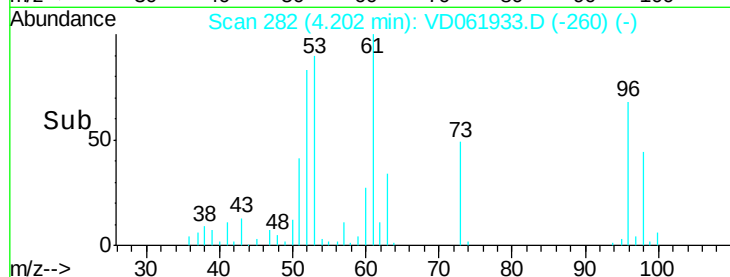
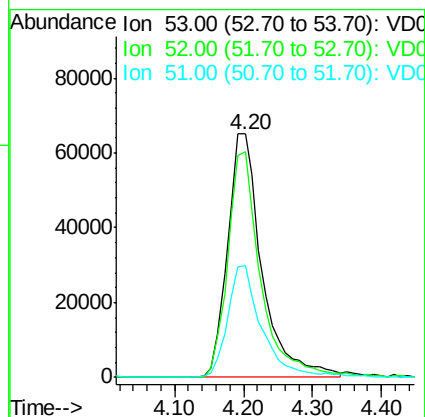
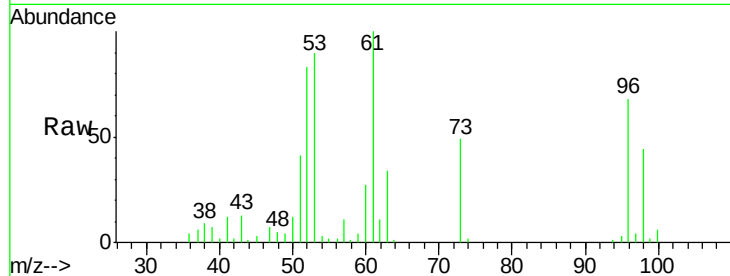
Tot Ion: 53 Resp: 225533

Ion Ratio Lower Upper

53 100

52 92.5 65.0 97.4

51 45.8 32.6 48.8



#16

Acetone

Concen: 254.336 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061933.D

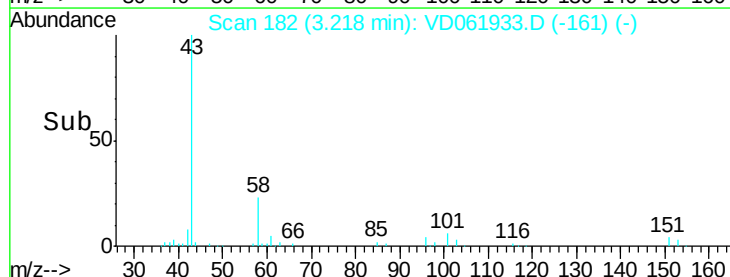
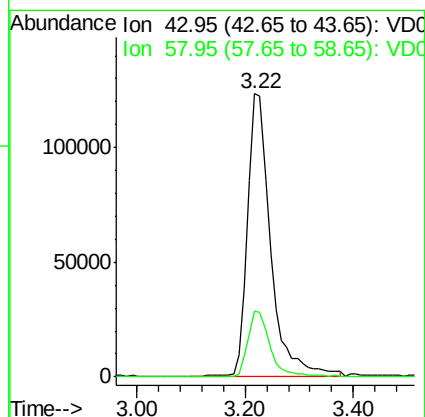
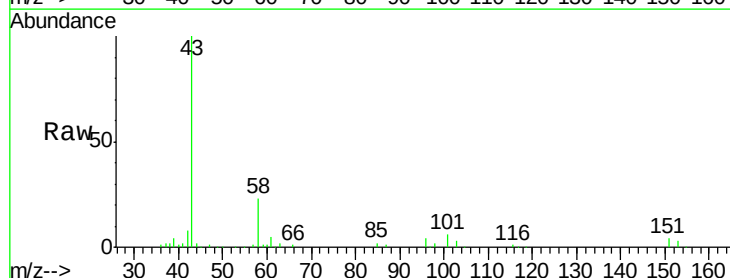
Acq: 22 Apr 2019 12:16

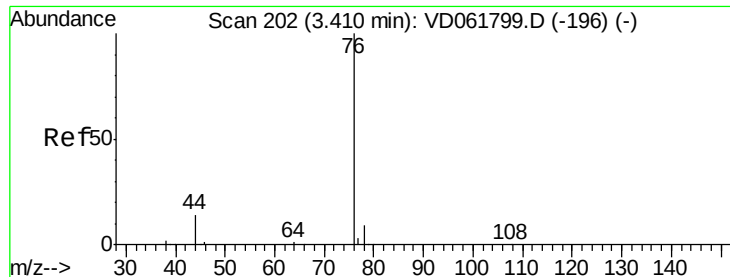
Tgt Ion: 43 Resp: 369934

Ion Ratio Lower Upper

43 100

58 23.3 19.9 29.9





#17

Carbon Disulfide

Concen: 40.463 ug/l

RT: 3.39 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

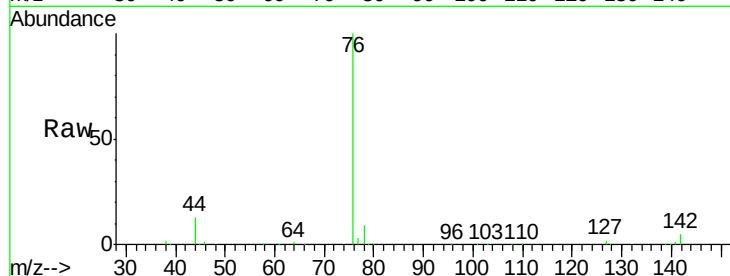
ClientSampleId :

Tot Ion: 76 Resp: 864013

Ion Ratio Lower Upper

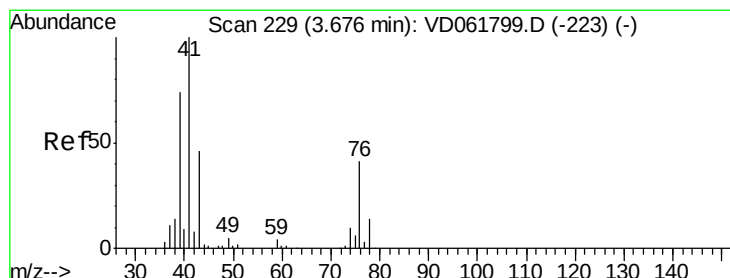
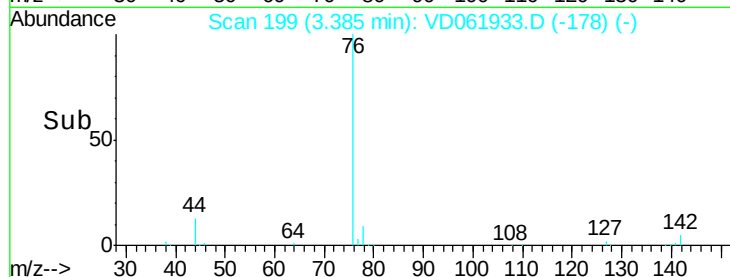
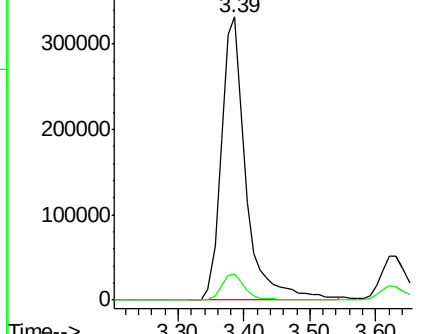
76 100

78 9.2 7.2 10.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 39.676 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.01 min

Lab File: VD061933.D

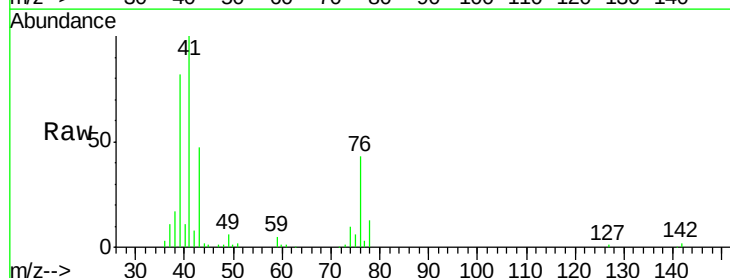
Acq: 22 Apr 2019 12:16

Tgt Ion: 43 Resp: 115668

Ion Ratio Lower Upper

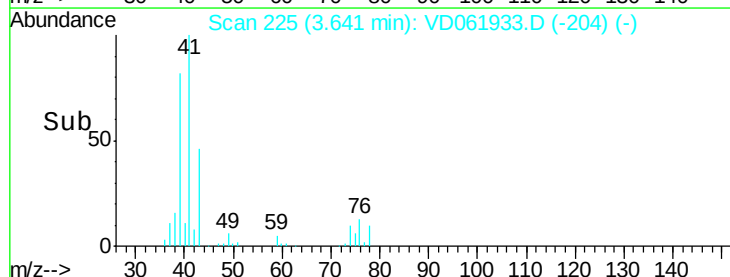
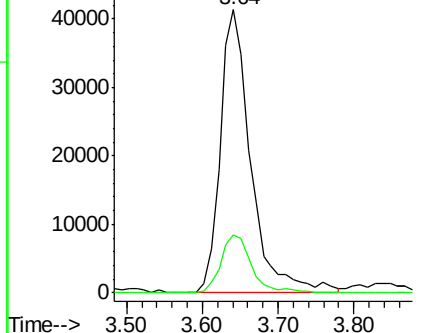
43 100

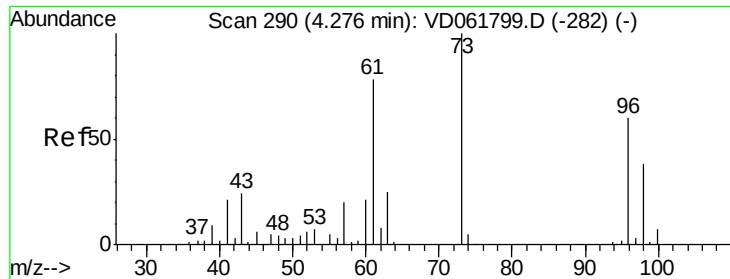
74 20.7 18.0 27.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

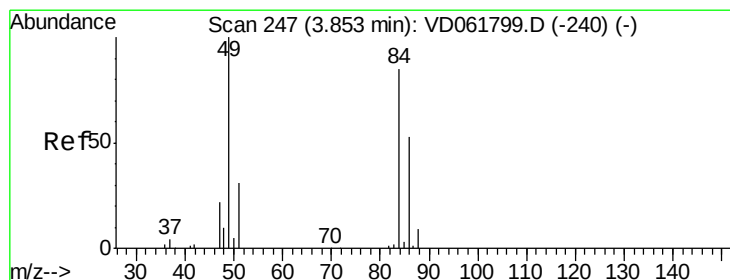
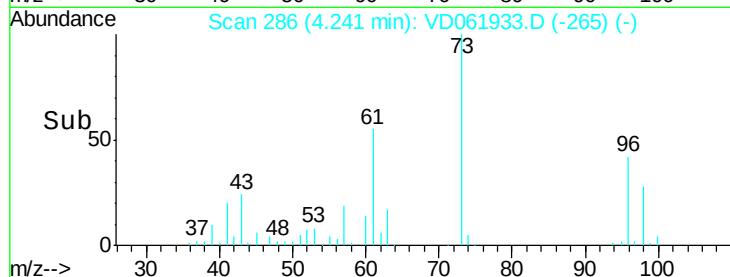
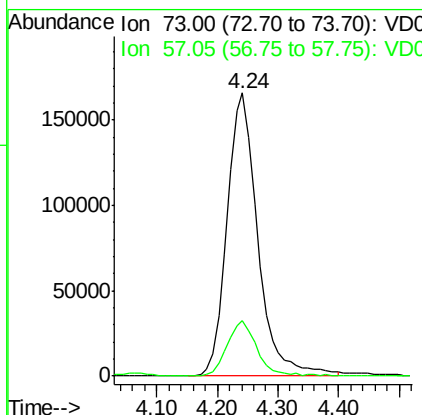
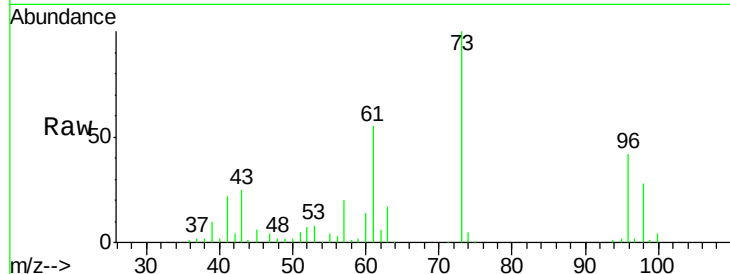




#19  
Methyl tert-butyl Ether  
Concen: 47.597 ug/l  
RT: 4.24 min Scan# 286  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

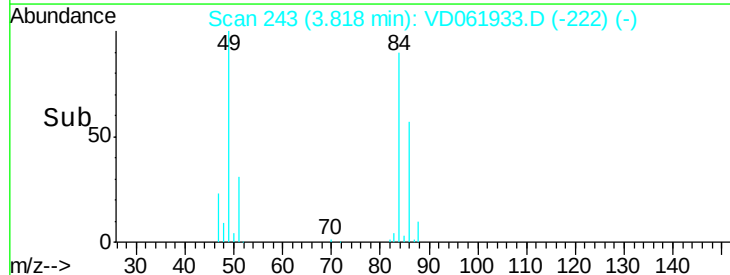
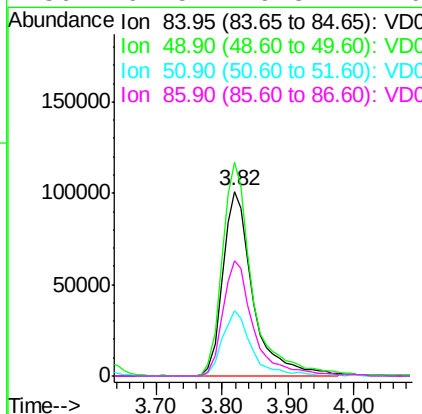
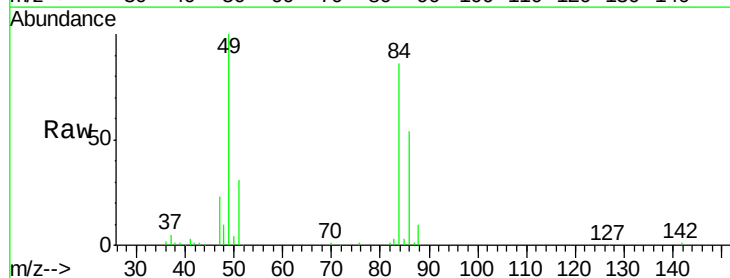
Instrument :  
MSVOA\_D  
ClientSampled :

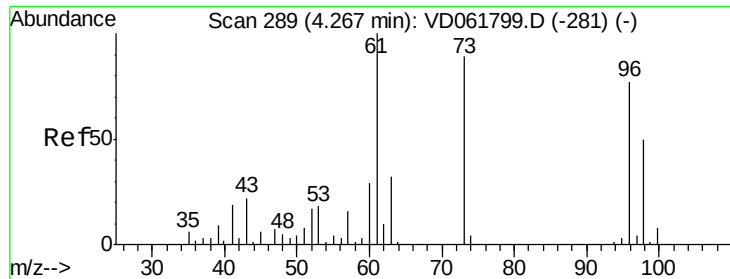
Tot Ion: 73 Resp: 587024  
Ion Ratio Lower Upper  
73 100  
57 19.5 16.3 24.5



#20  
Methylene Chloride  
Concen: 44.223 ug/l  
RT: 3.82 min Scan# 243  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion: 84 Resp: 323559  
Ion Ratio Lower Upper  
84 100  
49 115.8 94.0 141.0  
51 35.5 29.0 43.4  
86 62.5 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 45.390 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :  
MSVOA\_D  
ClientSampleId :

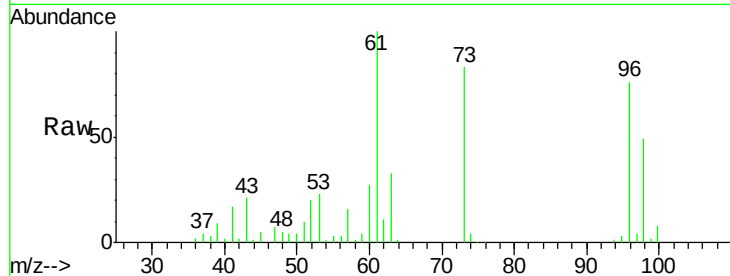
Tot Ion: 96 Resp: 329665

Ion Ratio Lower Upper

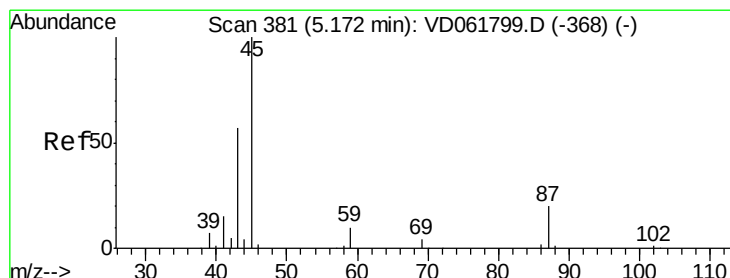
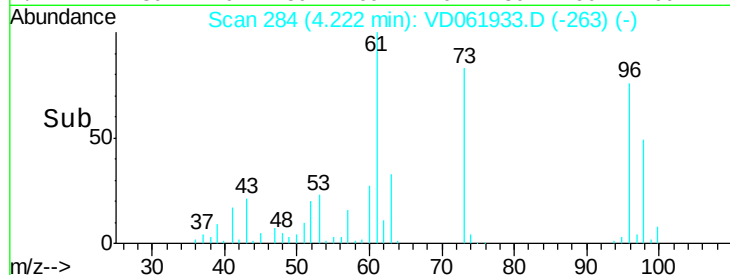
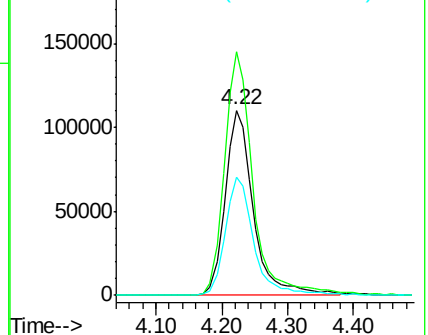
96 100

61 131.8 104.4 156.6

98 64.3 51.8 77.8



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



#22

Diisopropyl ether

Concen: 50.384 ug/l

RT: 5.12 min Scan# 375

Delta R.T. -0.00 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Tgt Ion: 45 Resp: 970159

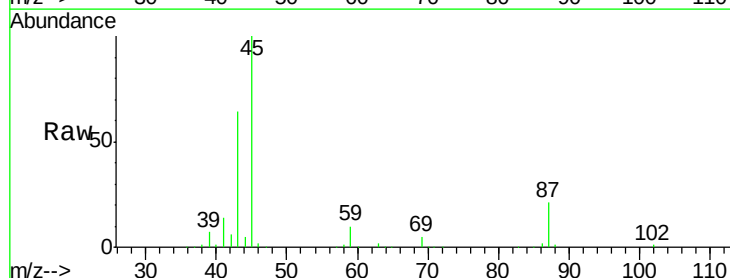
Ion Ratio Lower Upper

45 100

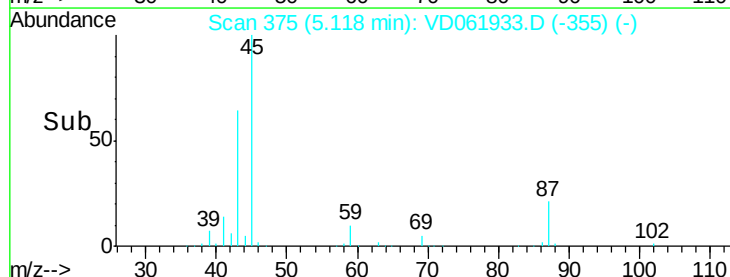
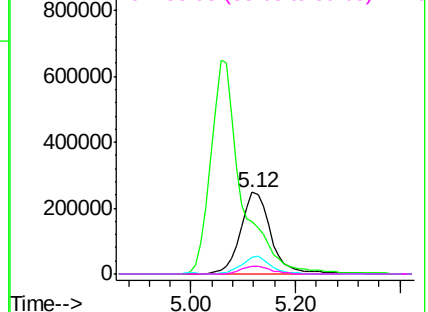
43 64.0 46.2 69.2

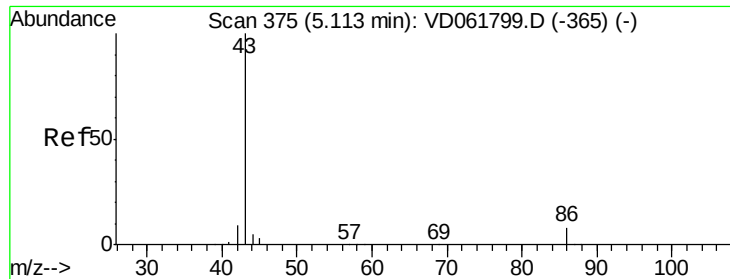
87 20.7 15.9 23.9

59 10.0 7.9 11.9



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: 252.469 ug/l

RT: 5.06 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

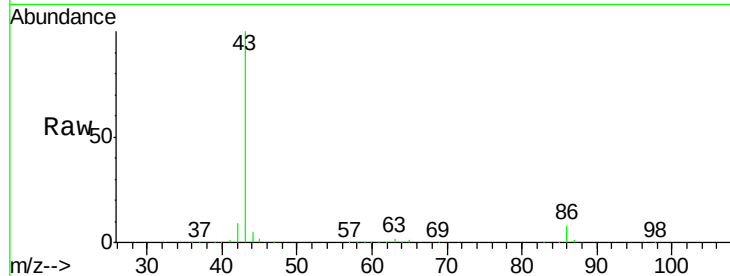
ClientSampleId :

Tot Ion: 43 Resp: 2598743

Ion Ratio Lower Upper

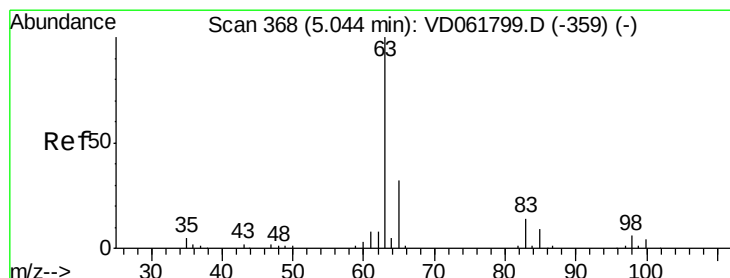
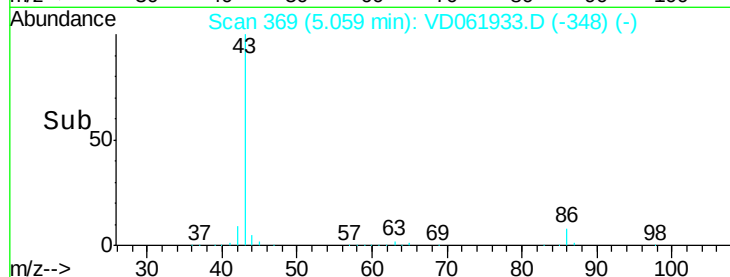
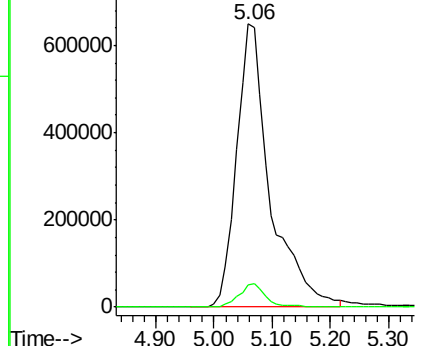
43 100

86 7.8 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: 49.368 ug/l

RT: 4.99 min Scan# 362

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

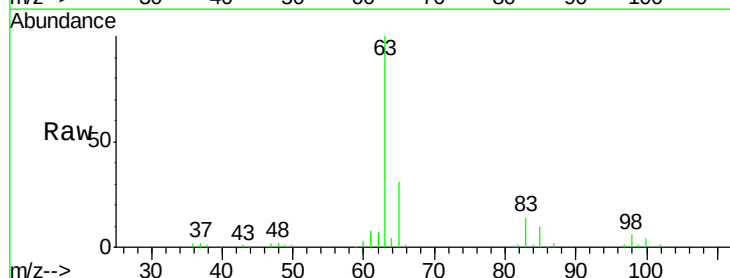
Tgt Ion: 63 Resp: 576351

Ion Ratio Lower Upper

63 100

98 5.5 2.8 8.4

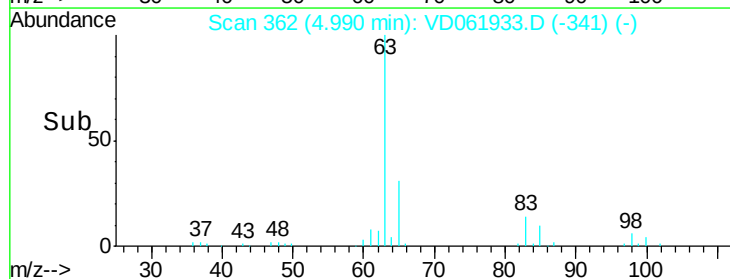
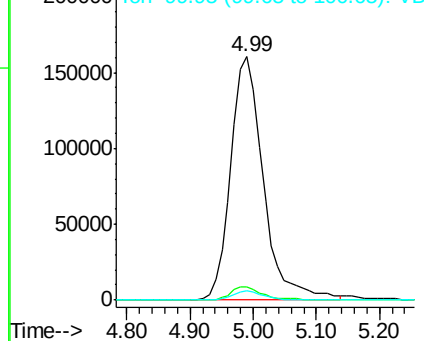
100 3.7 1.8 5.5



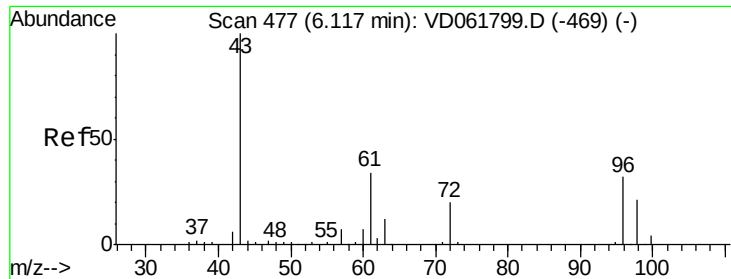
Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC



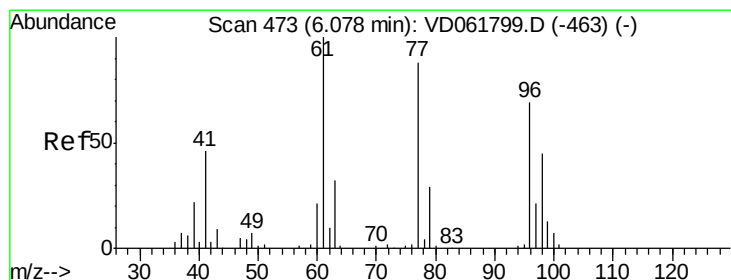
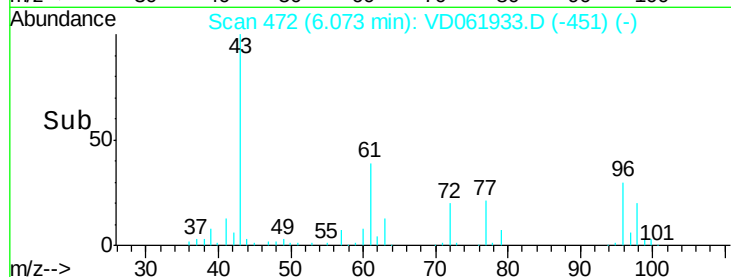
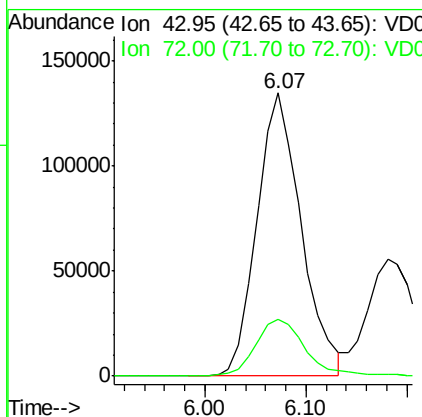
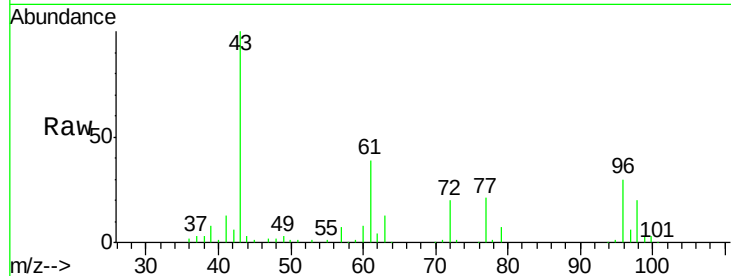




#25  
2-Butanone  
Concen: 248.105 ug/l  
RT: 6.07 min Scan# 472  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

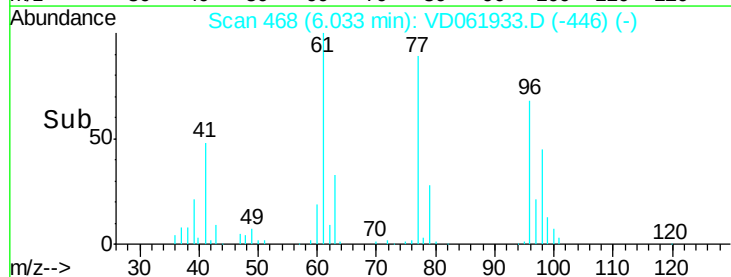
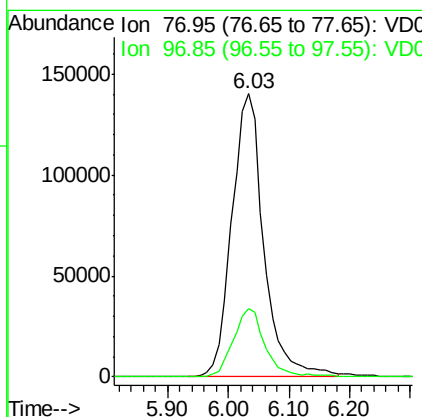
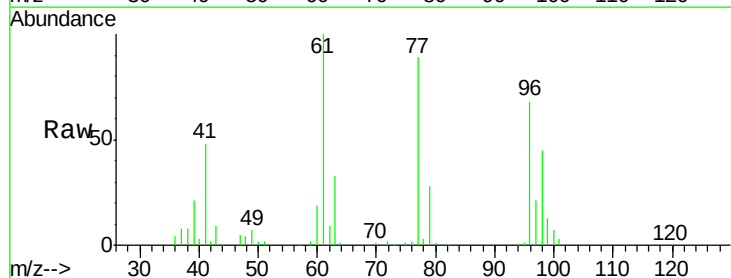
Instrument :  
MSVOA\_D  
ClientSampled :

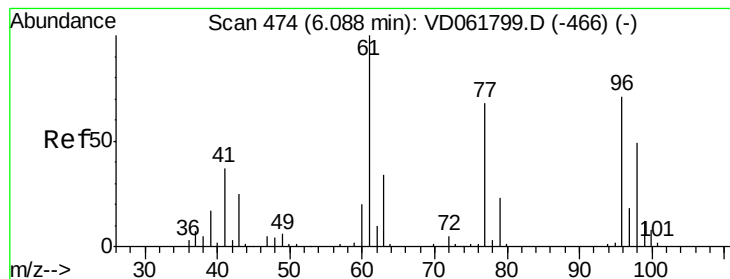
Tot Ion: 43 Resp: 410841  
Ion Ratio Lower Upper  
43 100  
72 20.1 16.2 24.4



#26  
2,2-Dichloropropane  
Concen: 50.834 ug/l  
RT: 6.03 min Scan# 468  
Delta R.T. 0.02 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion: 77 Resp: 512965  
Ion Ratio Lower Upper  
77 100  
97 24.0 11.9 35.9



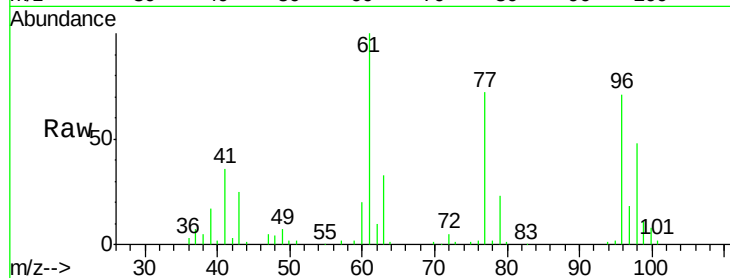


#27

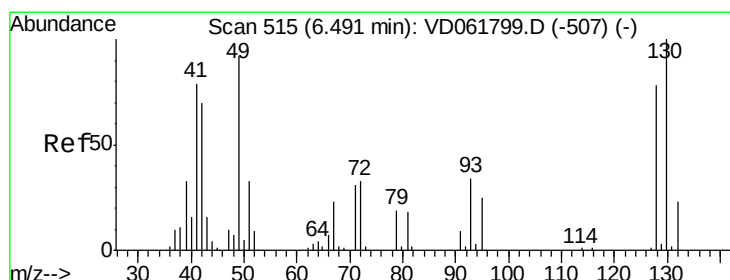
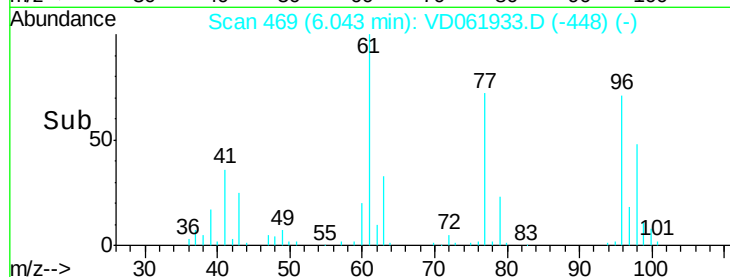
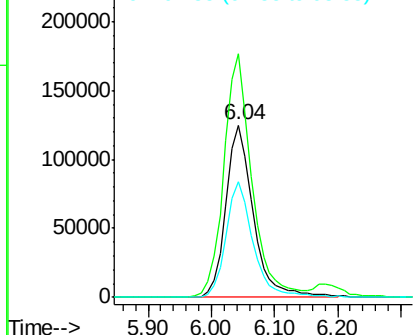
cis-1,2-Dichloroethene  
 Concen: 47.739 ug/l  
 RT: 6.04 min Scan# 469  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | 96    | Resp  | 375865 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 141.3 | 0.0   | 279.8  |
| 98      | 67.2  | 0.0   | 136.0  |



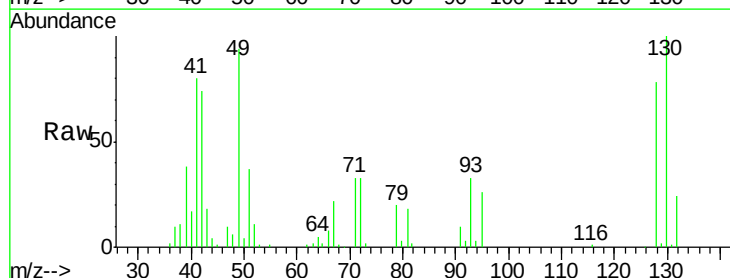
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC



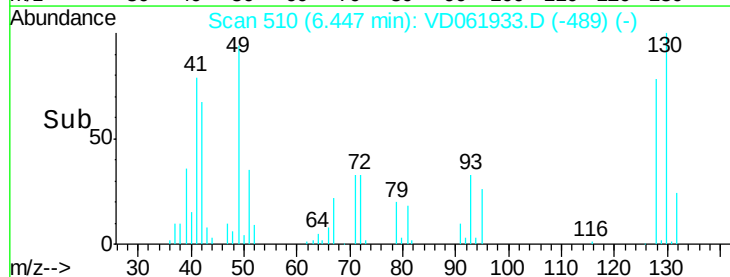
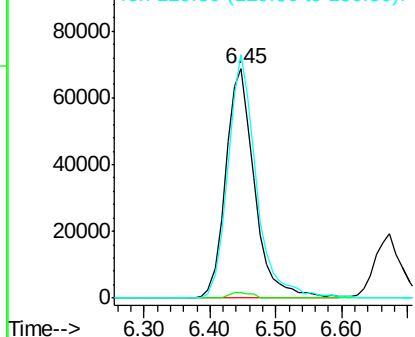
#28

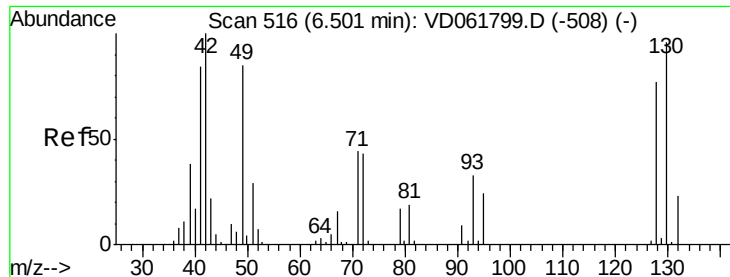
Bromochloromethane  
 Concen: 47.255 ug/l  
 RT: 6.45 min Scan# 510  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

| Tgt Ion | 49    | Resp  | 209551 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 49      | 100   |       |        |
| 129     | 2.5   | 0.0   | 6.6    |
| 130     | 106.3 | 86.7  | 130.1  |



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

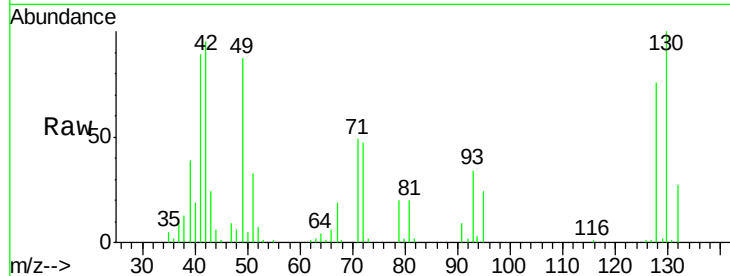




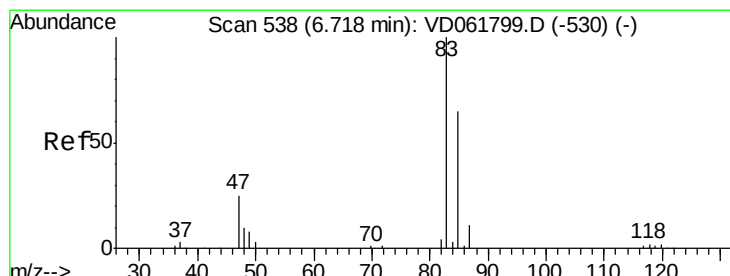
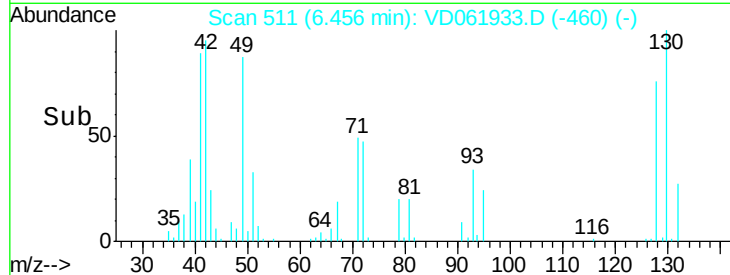
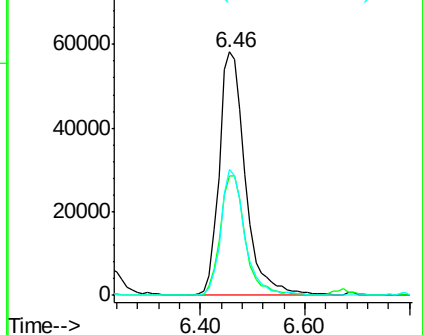
#29  
Tetrahydrofuran  
Concen: 249.401 ug/l  
RT: 6.46 min Scan# 511  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 42 Resp: 201172  
Ion Ratio Lower Upper  
42 100  
72 47.2 37.8 56.6  
71 47.2 36.7 55.1

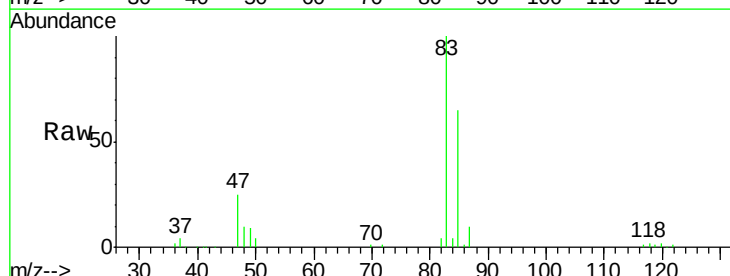


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

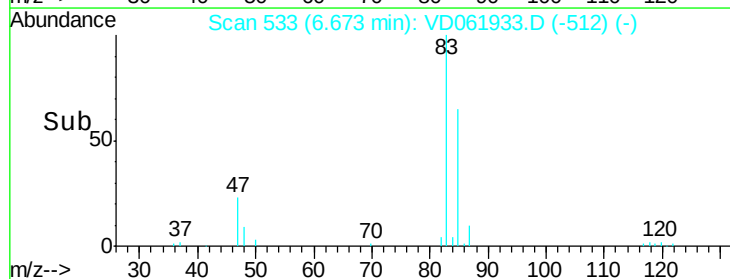
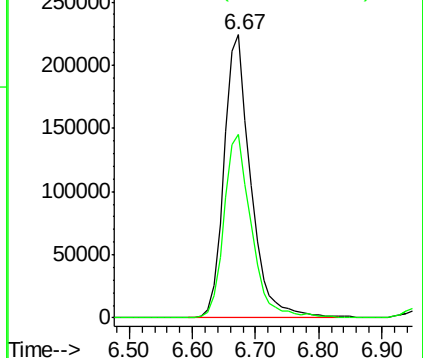


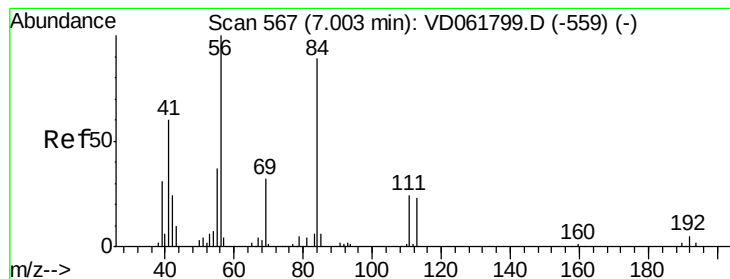
#30  
Chloroform  
Concen: 50.375 ug/l  
RT: 6.67 min Scan# 533  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion: 83 Resp: 655956  
Ion Ratio Lower Upper  
83 100  
85 64.6 51.7 77.5



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





#31

Cyclohexane

Concen: 46.666 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

ClientSampleId :

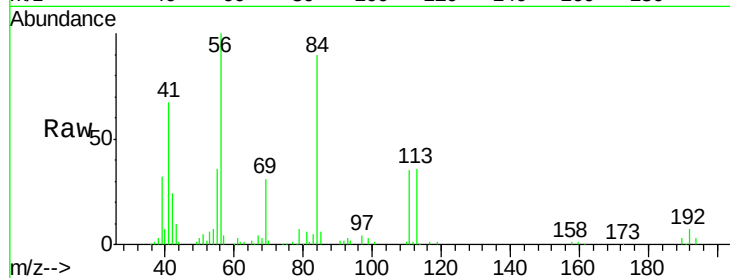
Tot Ion: 56 Resp: 417064

Ion Ratio Lower Upper

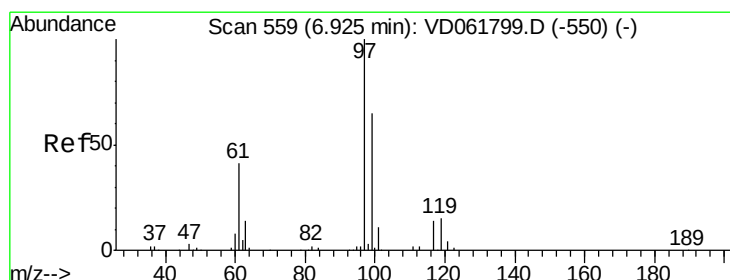
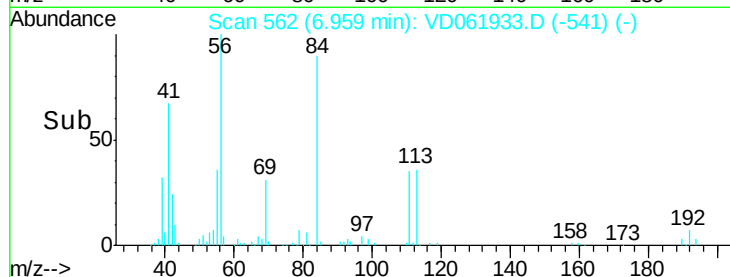
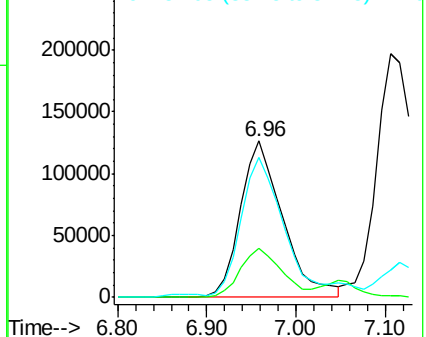
56 100

69 31.3 25.8 38.6

84 90.1 72.2 108.4



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: 51.873 ug/l

RT: 6.88 min Scan# 554

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

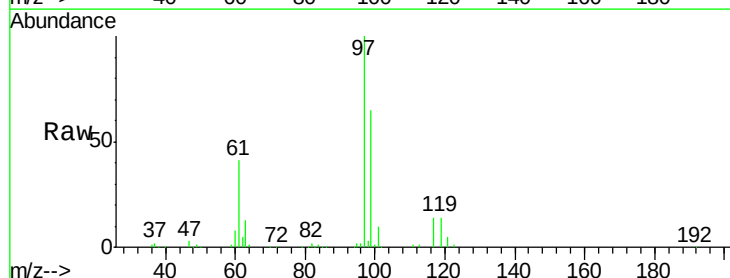
Tgt Ion: 97 Resp: 598772

Ion Ratio Lower Upper

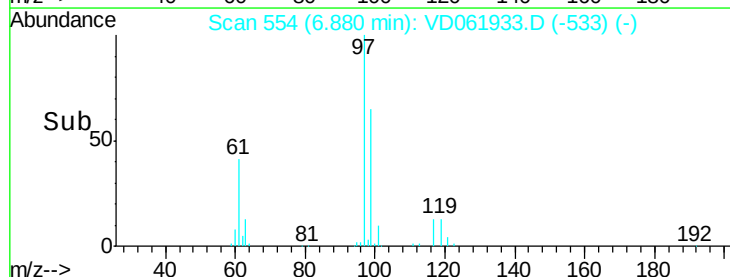
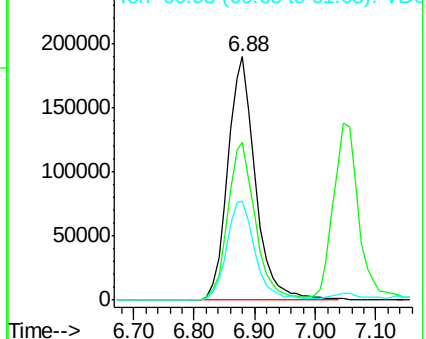
97 100

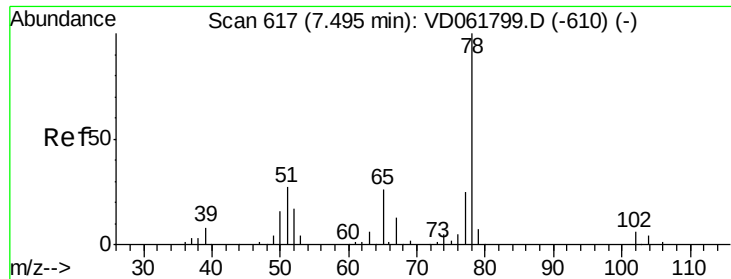
99 65.1 52.2 78.2

61 40.5 32.4 48.6



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

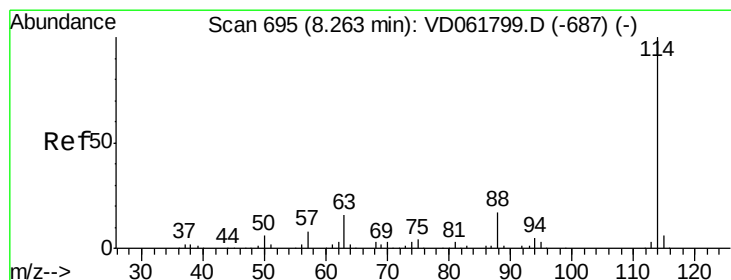
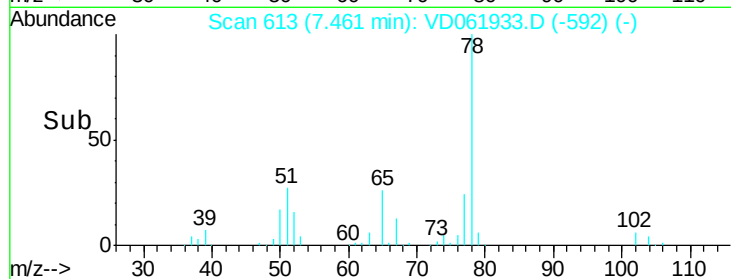
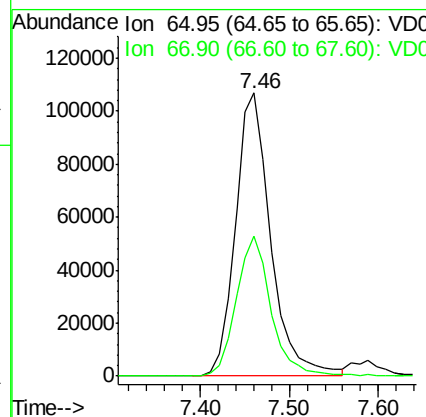
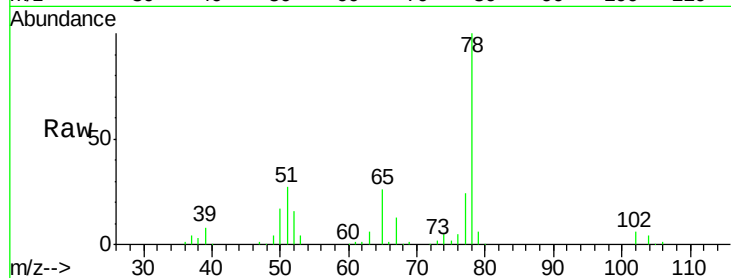




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.873 ug/l  
 RT: 7.46 min Scan# 613  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

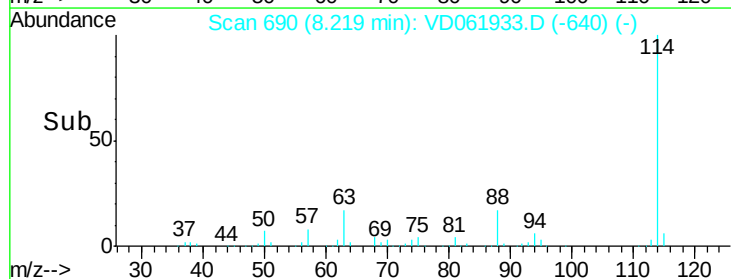
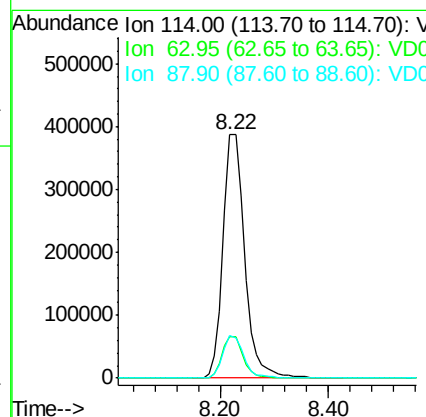
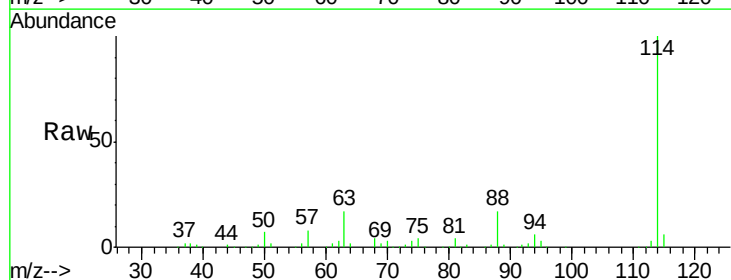
Instrument :  
 MSVOA\_D  
 ClientSampleId :

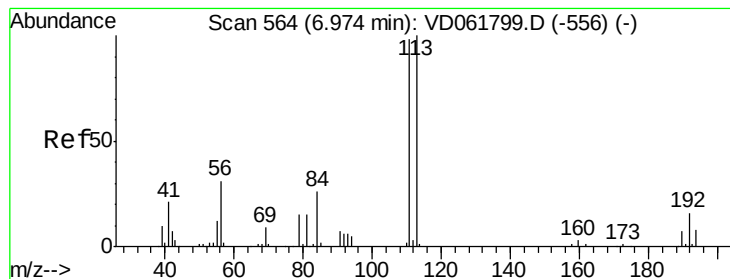
Tot Ion: 65 Resp: 294112  
 Ion Ratio Lower Upper  
 65 100  
 67 49.5 0.0 98.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.22 min Scan# 690  
 Delta R.T. -0.00 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

Tgt Ion: 114 Resp: 1074572  
 Ion Ratio Lower Upper  
 114 100  
 63 16.9 0.0 32.4  
 88 17.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

ClientSampleId :

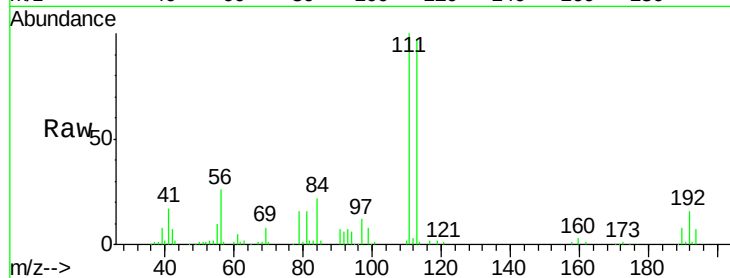
Tot Ion:113 Resp: 422876

Ion Ratio Lower Upper

113 100

111 103.5 78.5 117.7

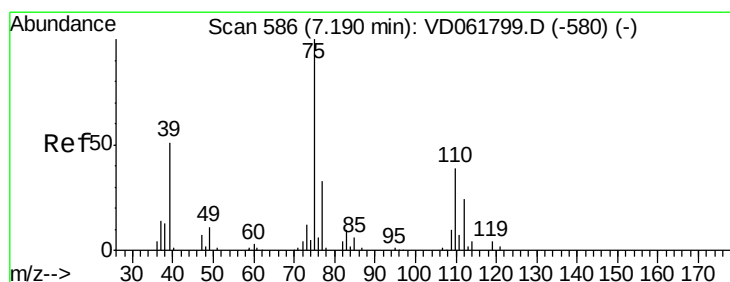
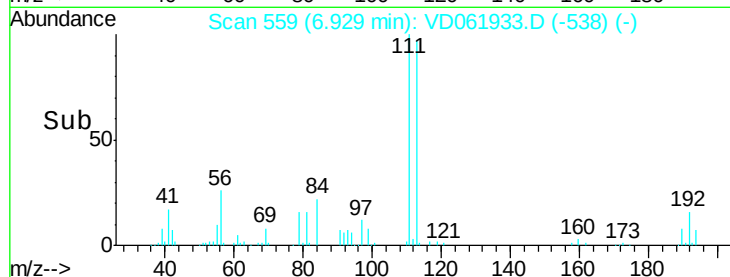
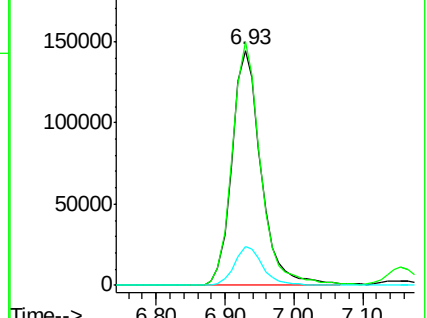
192 16.3 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 52.538 ug/l

RT: 7.16 min Scan# 582

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

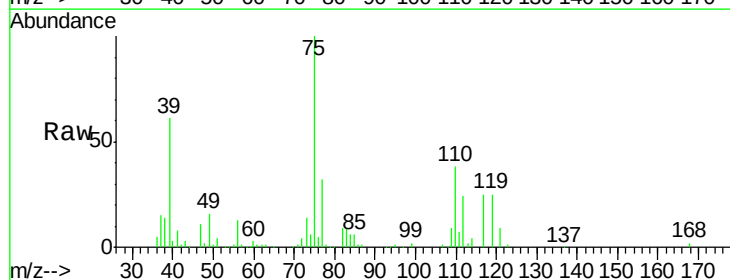
Tgt Ion: 75 Resp: 461340

Ion Ratio Lower Upper

75 100

110 38.2 19.1 57.1

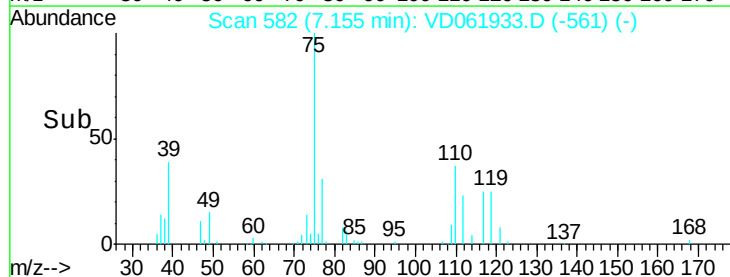
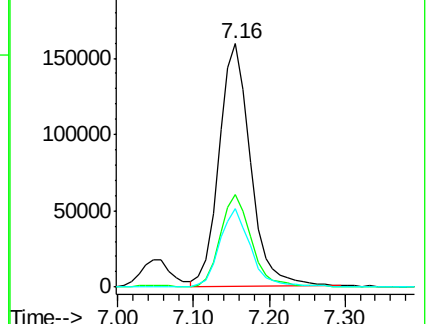
77 32.2 25.6 38.4

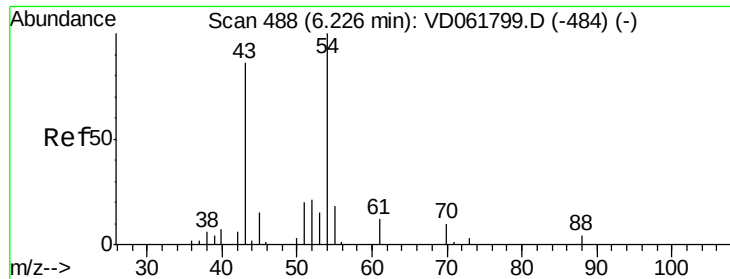


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC

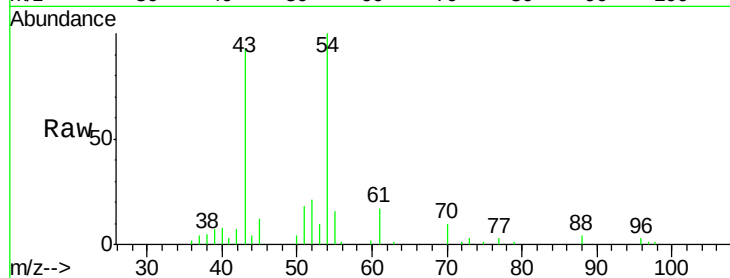




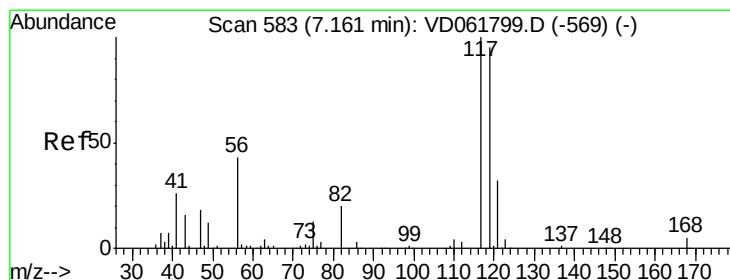
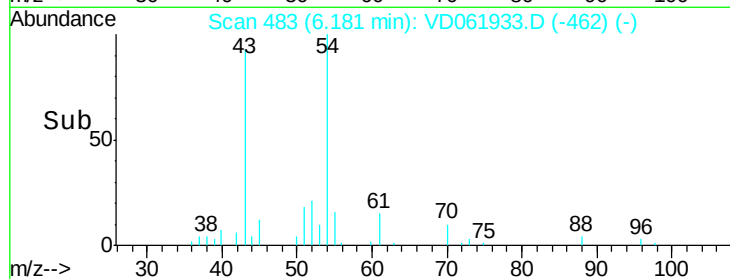
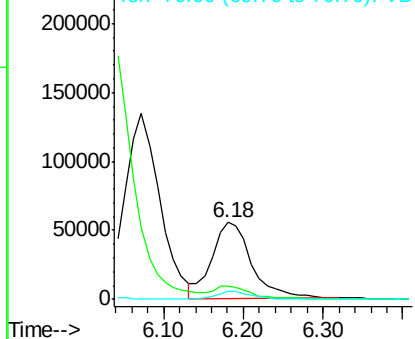
#37  
Ethyl Acetate  
Concen: 50.992 ug/l  
RT: 6.18 min Scan# 483  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 191639  
Ion Ratio Lower Upper  
43 100  
61 17.8 14.7 22.1  
70 10.3 7.8 11.6

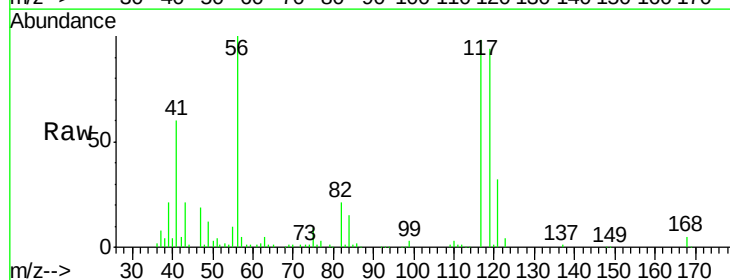


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

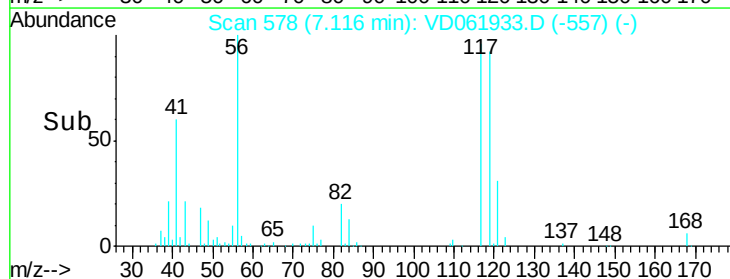
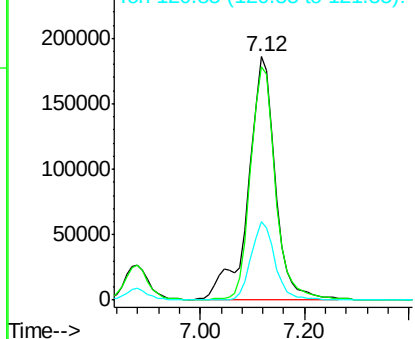


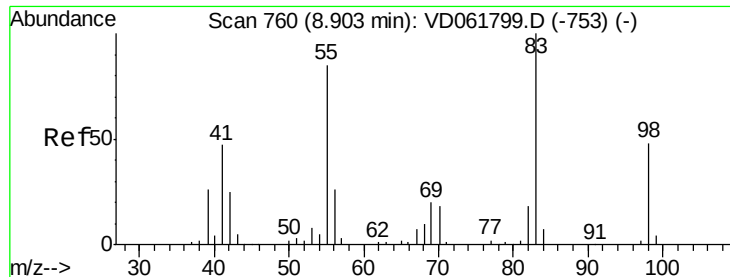
#38  
Carbon Tetrachloride  
Concen: 58.345 ug/l  
RT: 7.12 min Scan# 578  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion: 117 Resp: 646920  
Ion Ratio Lower Upper  
117 100  
119 95.8 75.8 113.8  
121 32.2 25.9 38.9



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

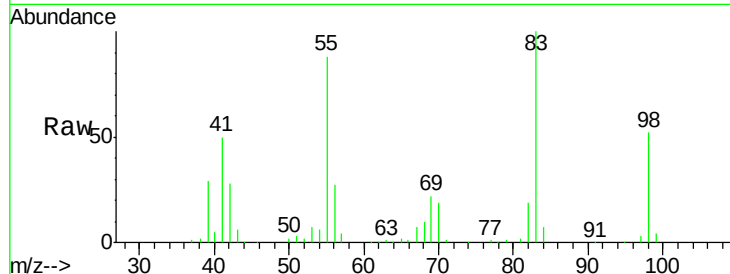




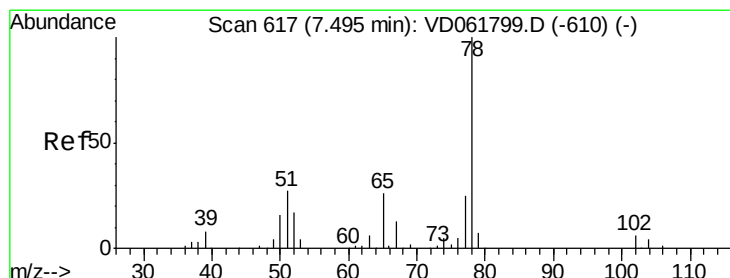
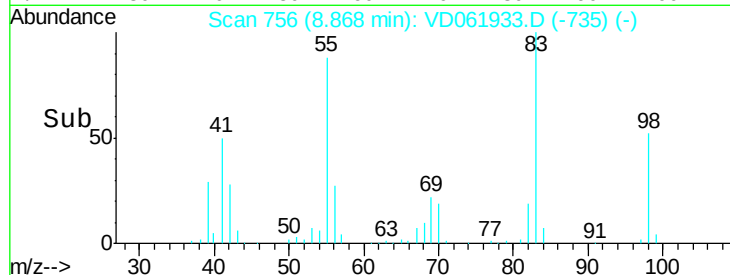
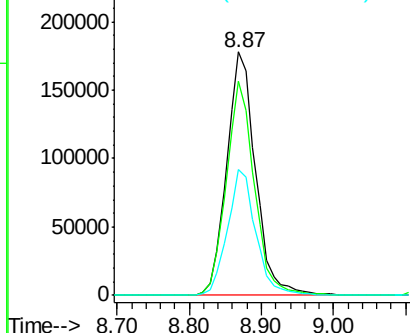
#39  
Methylvlcyclohexane  
Concen: 54.245 ug/l  
RT: 8.87 min Scan# 756  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 83 Resp: 494630  
Ion Ratio Lower Upper  
83 100  
55 87.8 68.2 102.4  
98 51.9 38.2 57.4

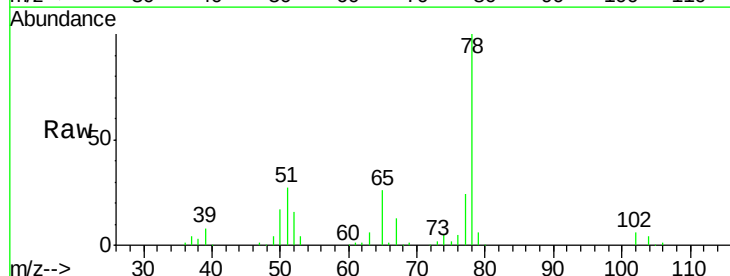


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

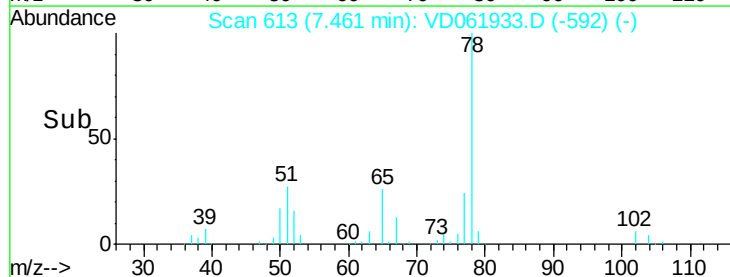
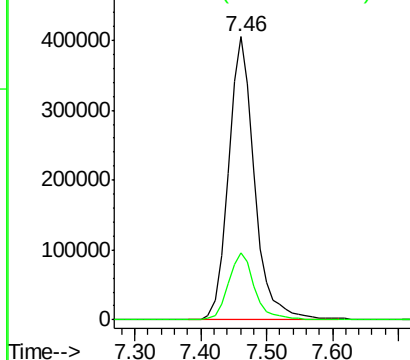


#40  
Benzene  
Concen: 53.167 ug/l  
RT: 7.46 min Scan# 613  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

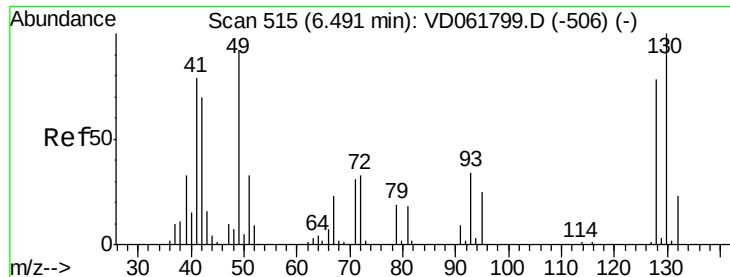
Tgt Ion: 78 Resp: 1120820  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.7 29.5



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



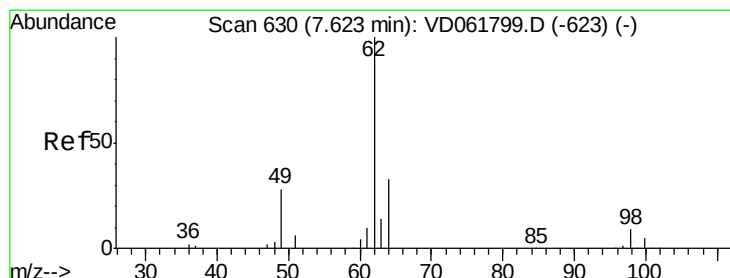
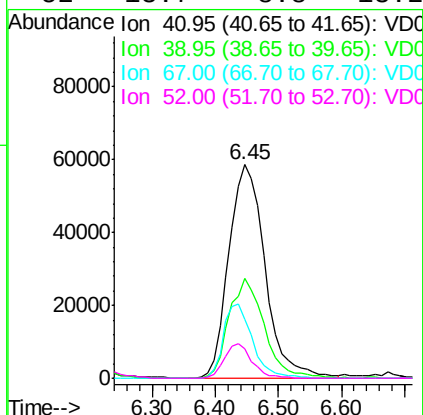
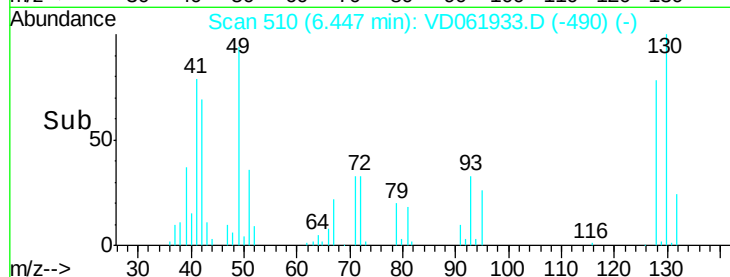
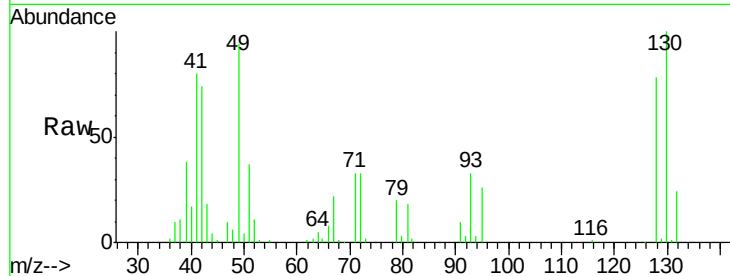




#41  
Methacrylonitrile  
Concen: 52.612 ug/l  
RT: 6.45 min Scan# 510  
Delta R.T. -0.00 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

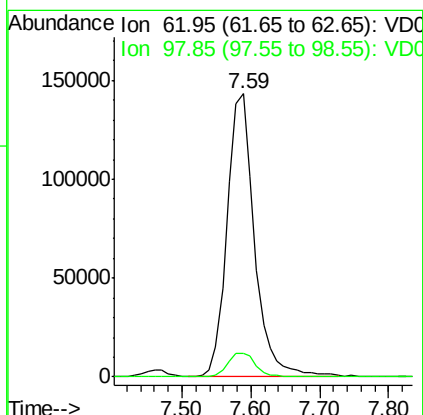
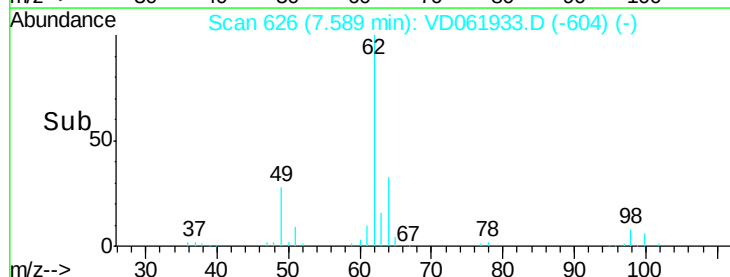
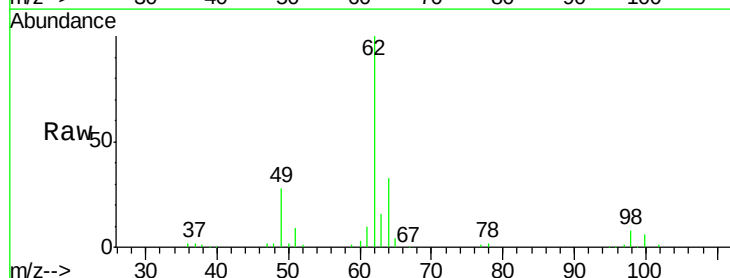
Instrument :  
MSVOA\_D  
ClientSampleId :

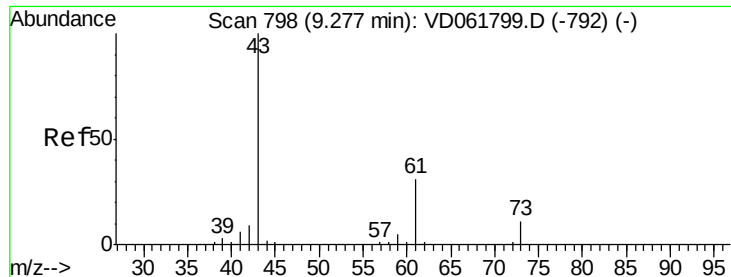
Tot Ion: 41 Resp: 233703  
Ion Ratio Lower Upper  
41 100  
39 46.7 34.1 51.1  
67 27.8 23.8 35.6  
52 13.7 8.8 13.2#



#42  
1,2-Dichloroethane  
Concen: 53.514 ug/l  
RT: 7.59 min Scan# 626  
Delta R.T. 0.02 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion: 62 Resp: 392900  
Ion Ratio Lower Upper  
62 100  
98 8.5 0.0 17.8

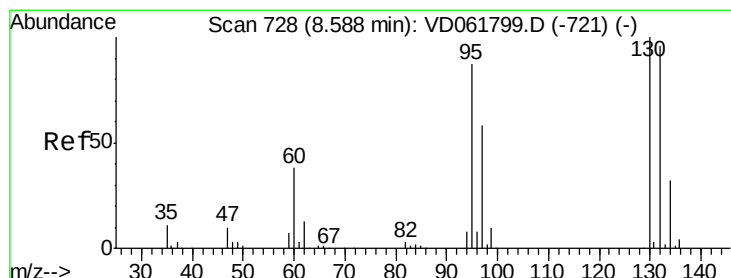
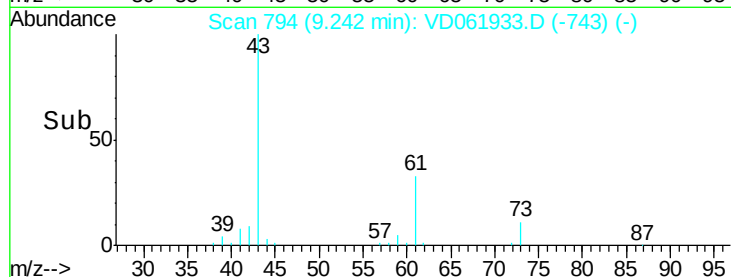
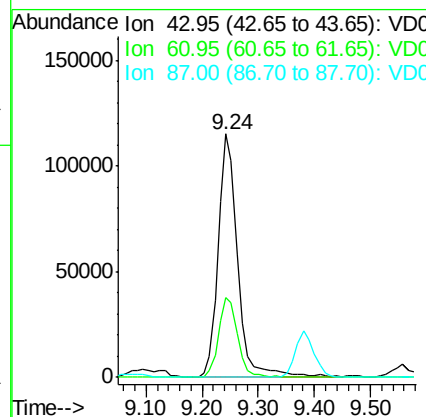
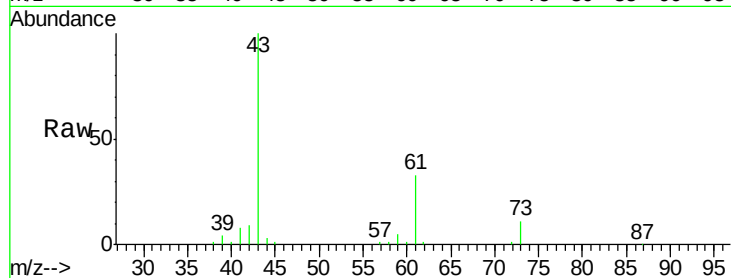




#43  
Isopropyl Acetate  
Concen: 53.308 ug/l  
RT: 9.24 min Scan# 794  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

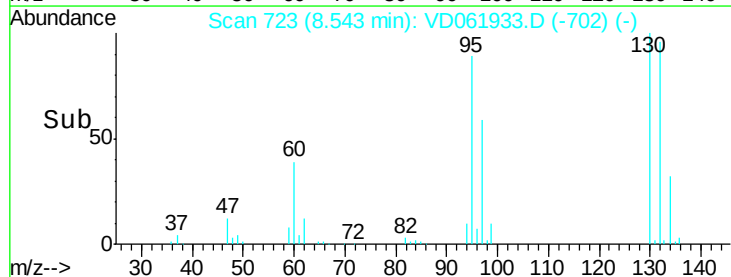
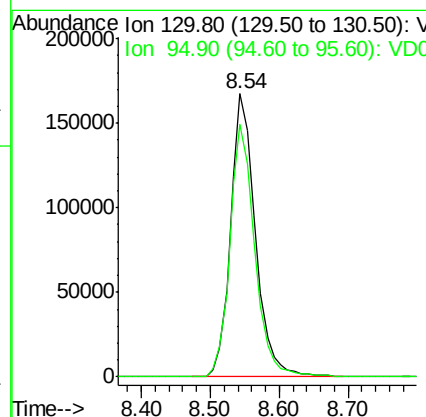
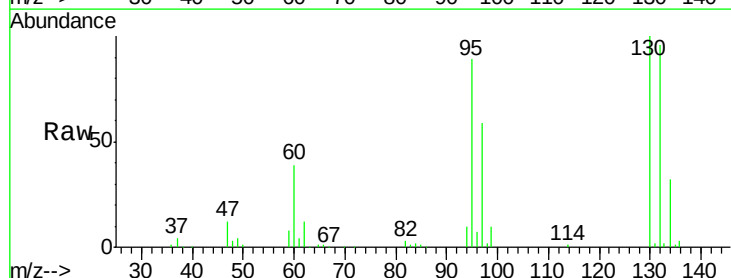
Instrument :  
MSVOA\_D  
ClientSampleId :

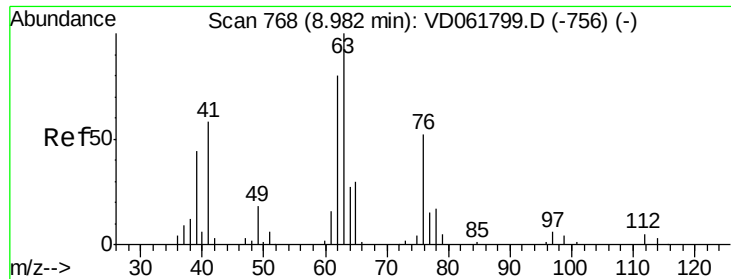
Tot Ion: 43 Resp: 281926  
Ion Ratio Lower Upper  
43 100  
61 32.9 25.1 37.7  
87 0.4 0.0 0.0#



#44  
Trichloroethene  
Concen: 51.416 ug/l  
RT: 8.54 min Scan# 723  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion:130 Resp: 417266  
Ion Ratio Lower Upper  
130 100  
95 89.2 0.0 174.0

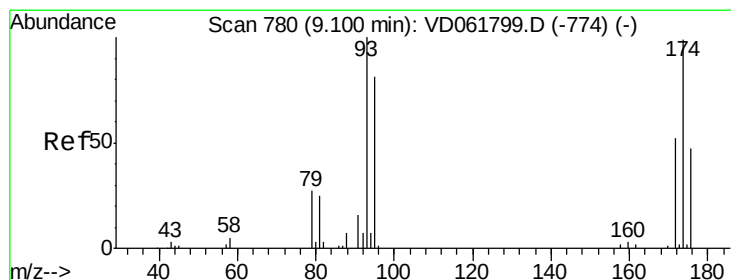
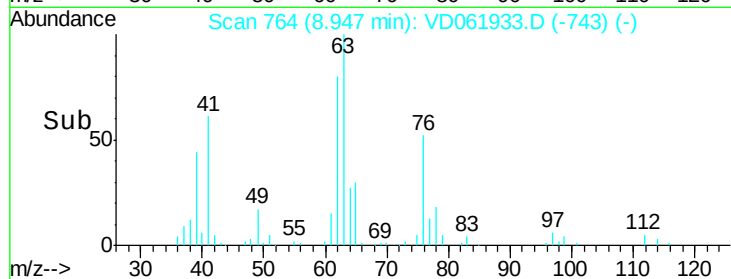
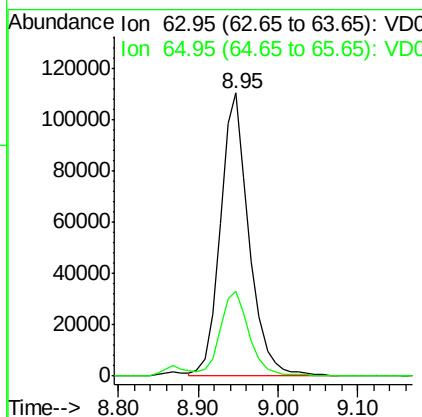
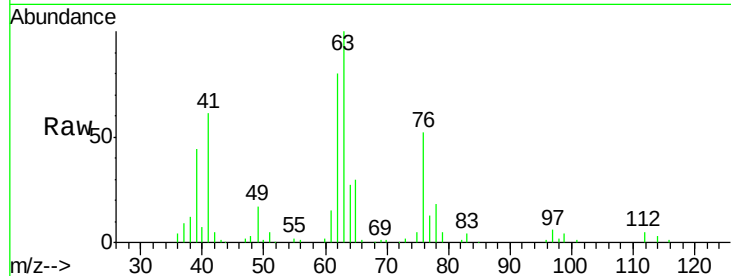




#45  
 1,2-Dichloropropane  
 Concen: 50.685 ug/l  
 RT: 8.95 min Scan# 764  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

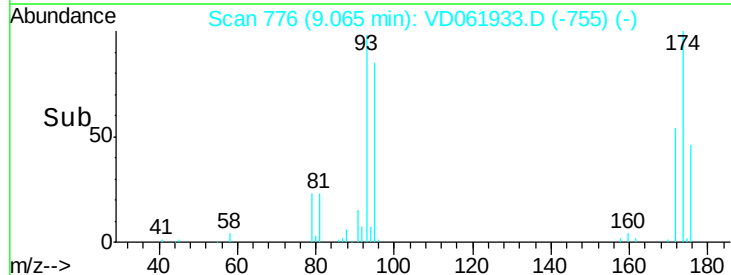
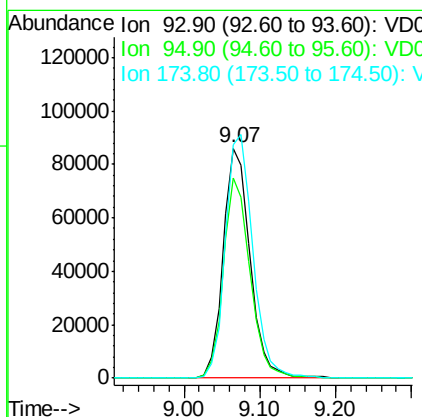
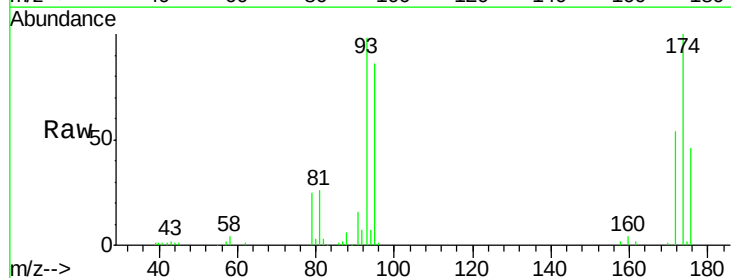
Instrument :  
 MSVOA\_D  
 ClientSampled :

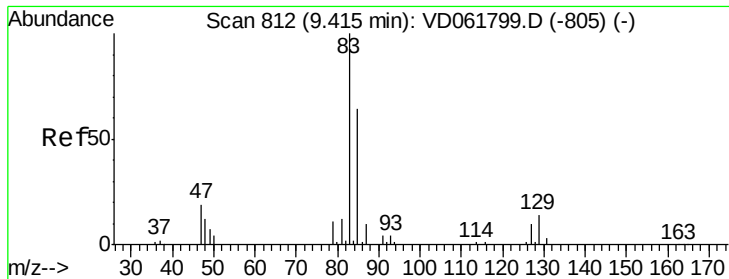
Tot Ion: 63 Resp: 278317  
 Ion Ratio Lower Upper  
 63 100  
 65 30.2 23.8 35.6



#46  
 Dibromomethane  
 Concen: 53.947 ug/l  
 RT: 9.07 min Scan# 776  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

Tgt Ion: 93 Resp: 211078  
 Ion Ratio Lower Upper  
 93 100  
 95 87.0 64.8 97.2  
 174 101.6 79.3 118.9





#47

Bromodichloromethane

Concen: 55.351 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

ClientSampleId :

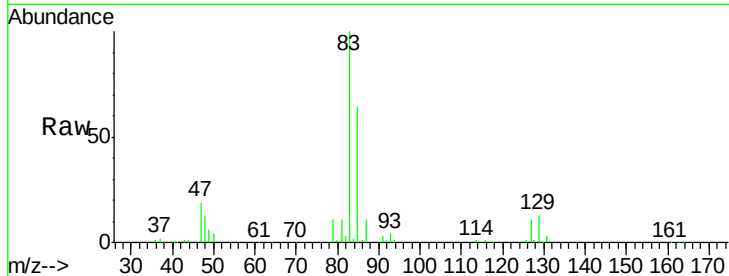
Tot Ion: 83 Resp: 499625

Ion Ratio Lower Upper

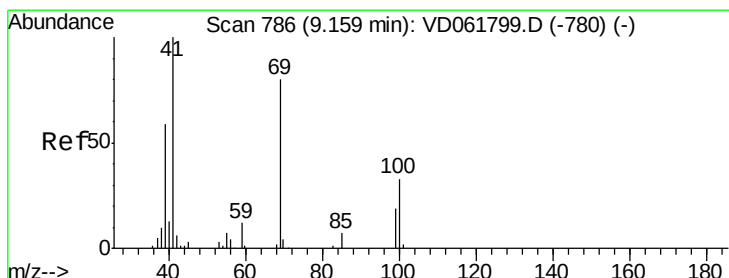
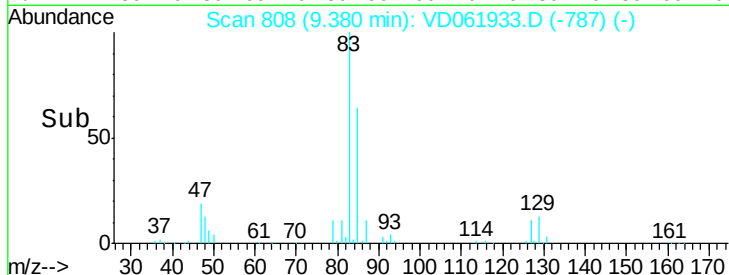
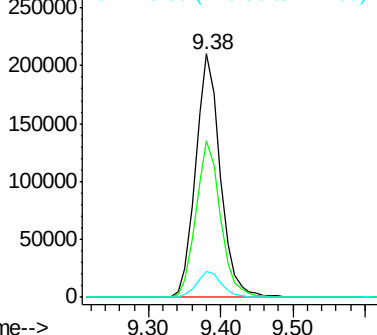
83 100

85 64.4 50.9 76.3

127 10.6 8.1 12.1



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



#48

Methyl methacrylate

Concen: 54.651 ug/l

RT: 9.12 min Scan# 782

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

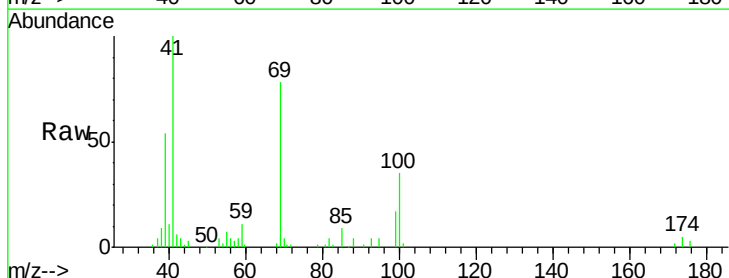
Tgt Ion: 41 Resp: 169897

Ion Ratio Lower Upper

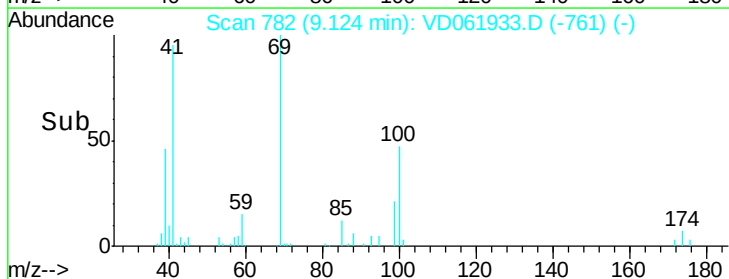
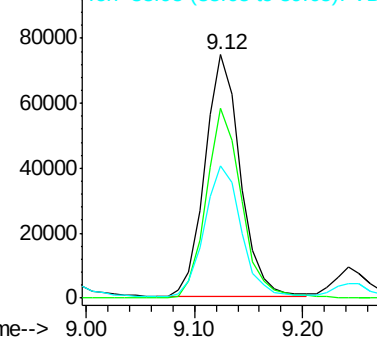
41 100

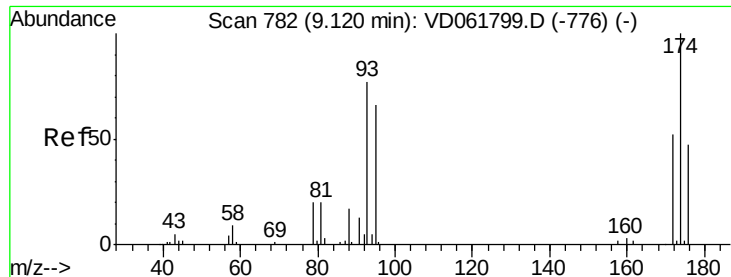
69 77.8 64.2 96.2

39 54.3 46.8 70.2



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

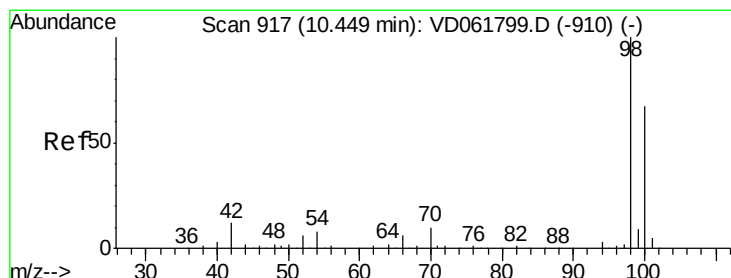
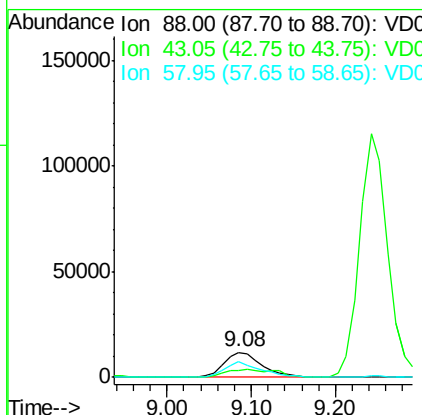
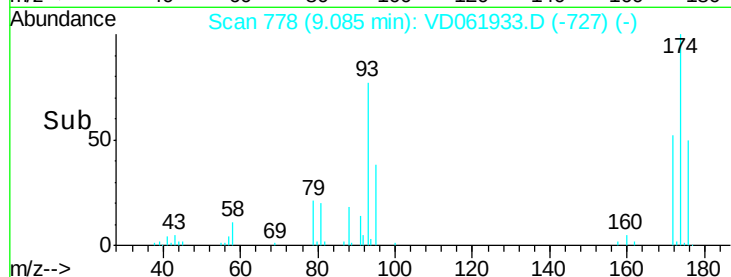
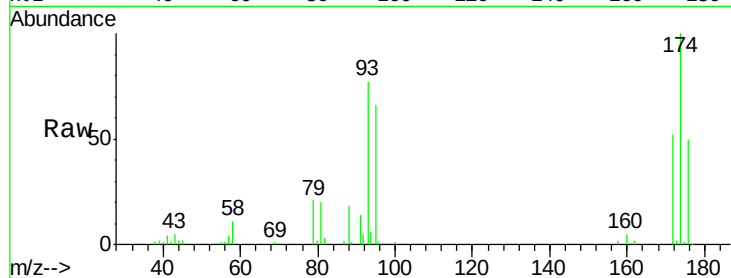




#49  
1,4-Dioxane  
Concen: 1088.732 ug/l  
RT: 9.08 min Scan# 778  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

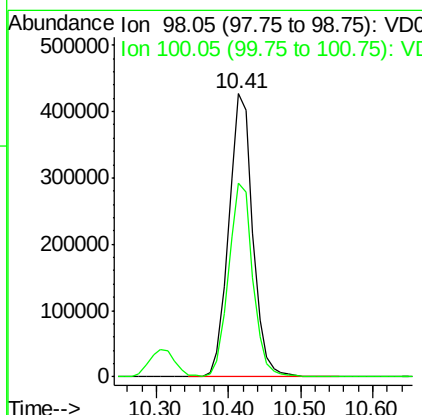
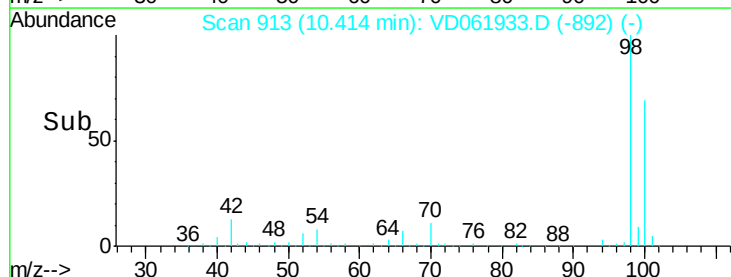
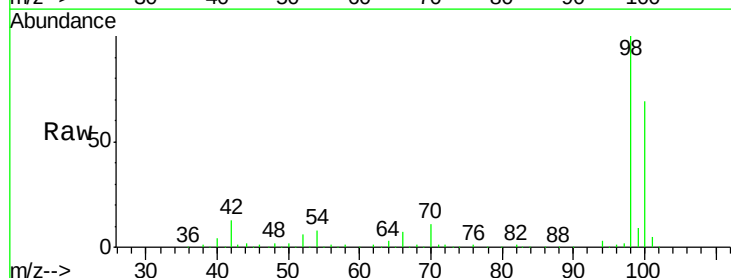
Instrument :  
MSVOA\_D  
ClientSampled :

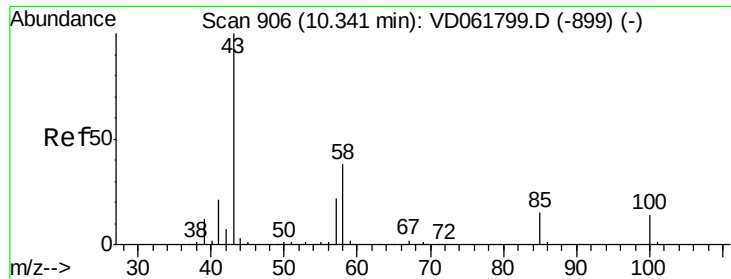
Tot Ion: 88 Resp: 36994  
Ion Ratio Lower Upper  
88 100  
43 26.2 23.4 35.0  
58 61.7 44.0 66.0



#50  
Toluene-d8  
Concen: 1088.732 ug/l  
RT: 10.41 min Scan# 913  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion: 98 Resp: 989587  
Ion Ratio Lower Upper  
98 100  
100 68.7 53.8 80.8





#51

4-Methyl-2-Pentanone

Concen: 262.911 ug/l

RT: 10.31 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

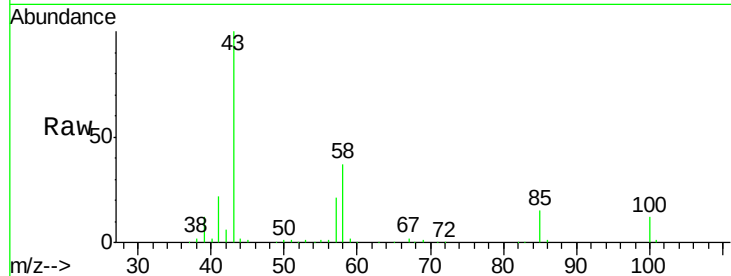
ClientSampleId :

Tot Ion: 43 Resp: 850311

Ion Ratio Lower Upper

43 100

58 37.3 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.31

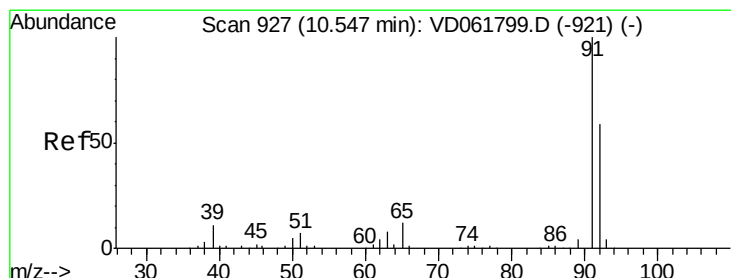
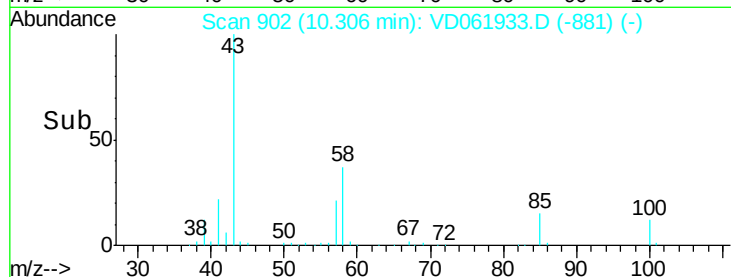
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.878 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD061933.D

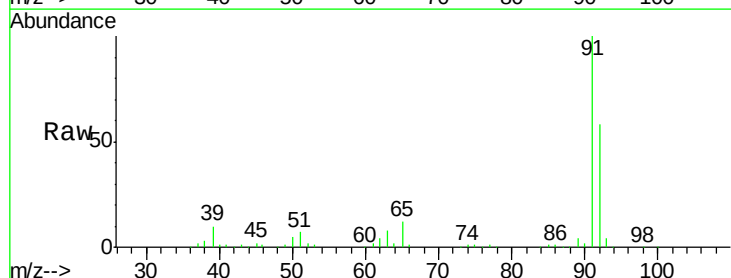
Acq: 22 Apr 2019 12:16

Tgt Ion: 92 Resp: 714351

Ion Ratio Lower Upper

92 100

91 171.1 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

600000

500000

400000

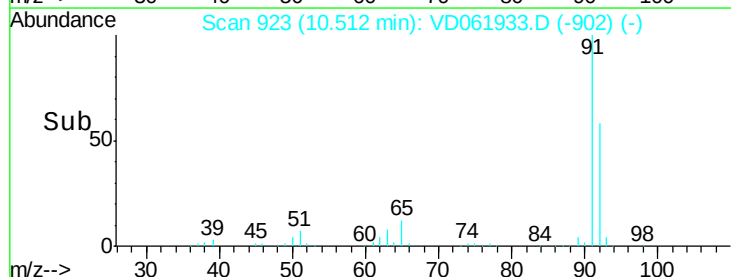
300000

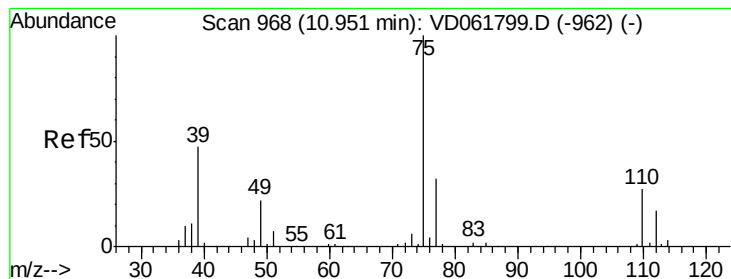
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.386 ug/l

RT: 10.92 min Scan# 964

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

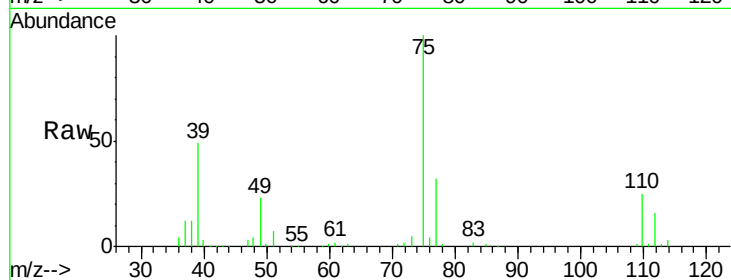
ClientSampled :

Tot Ion: 75 Resp: 426084

Ion Ratio Lower Upper

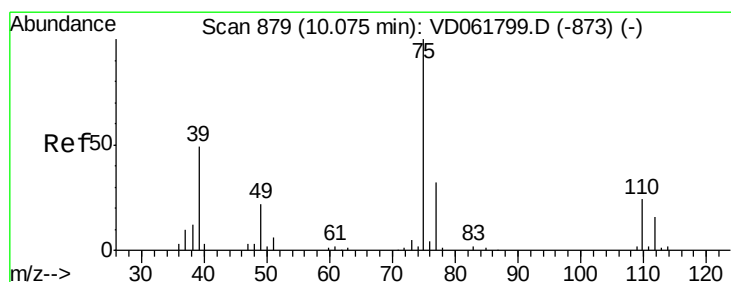
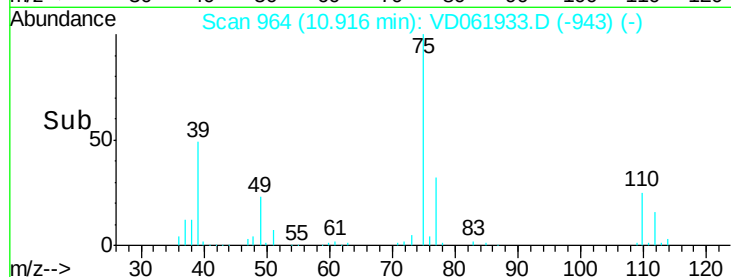
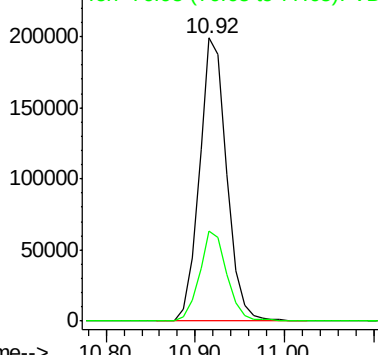
75 100

77 31.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 52.977 ug/l

RT: 10.04 min Scan# 875

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

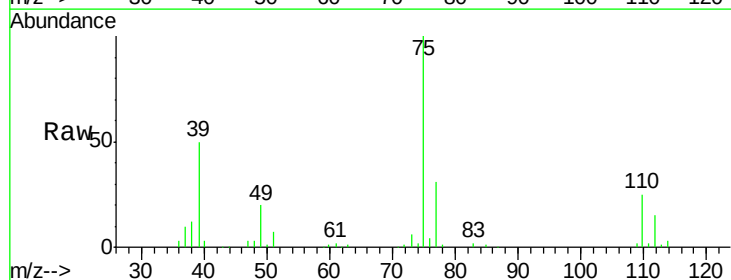
Tgt Ion: 75 Resp: 505795

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

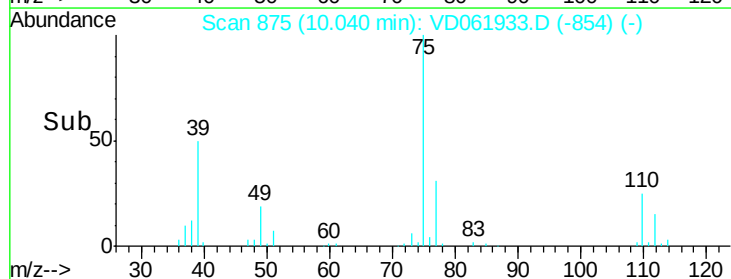
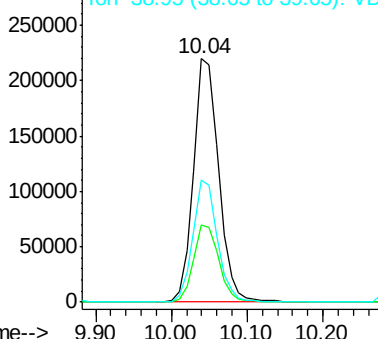
39 49.9 39.4 59.2

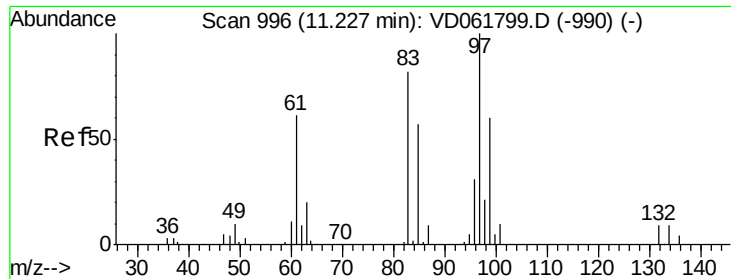


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

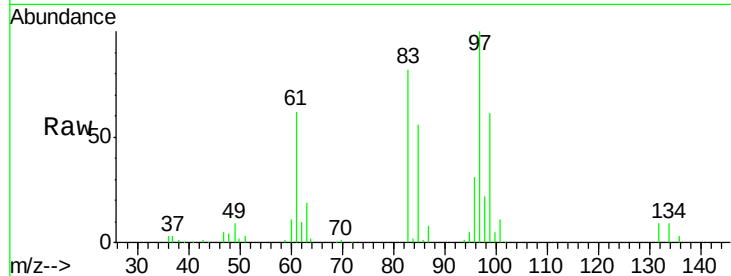




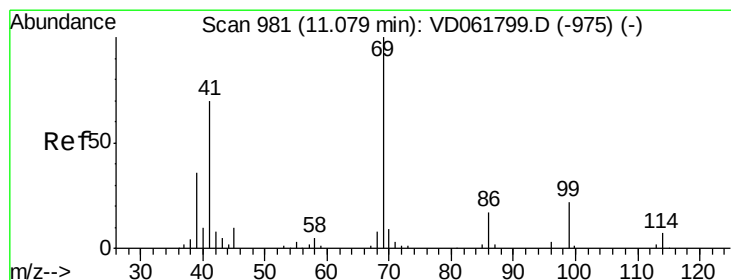
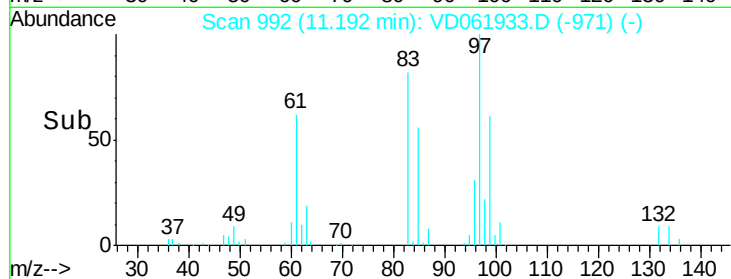
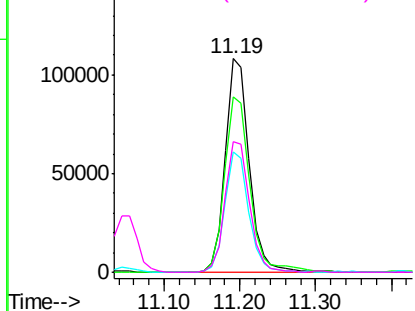
#55  
 1,1,2-Trichloroethane  
 Concen: 51.874 ug/l  
 RT: 11.19 min Scan# 992  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 97 Resp: 236138  
 Ion Ratio Lower Upper  
 97 100  
 83 81.8 65.7 98.5  
 85 56.5 45.6 68.4  
 99 61.0 48.4 72.6

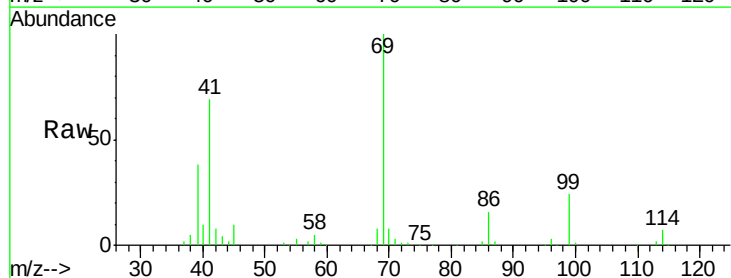


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

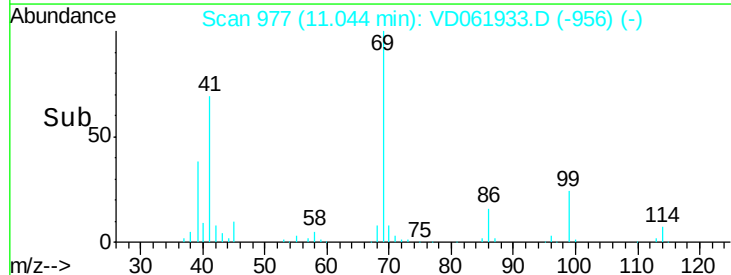
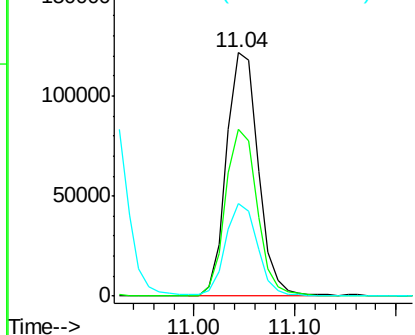


#56  
 Ethyl methacrylate  
 Concen: 53.515 ug/l  
 RT: 11.04 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

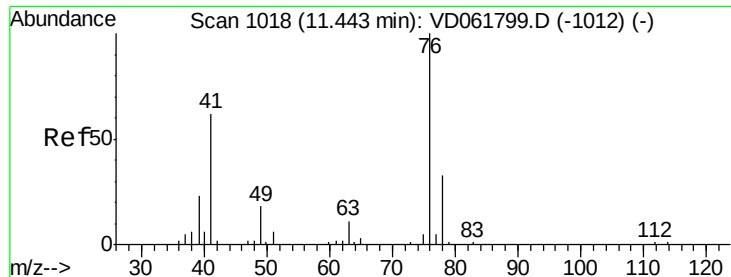
Tgt Ion: 69 Resp: 267371  
 Ion Ratio Lower Upper  
 69 100  
 41 68.6 56.3 84.5  
 39 38.2 29.4 44.2



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



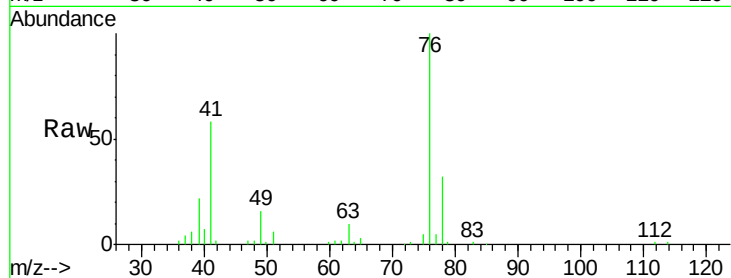




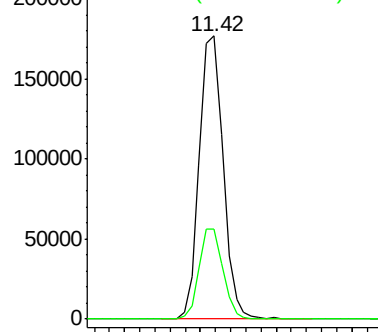
#57  
 1,3-Dichloropropane  
 Concen: 56.508 ug/l  
 RT: 11.42 min Scan# 1015  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

Instrument :  
 MSVOA\_D  
 ClientSampled :

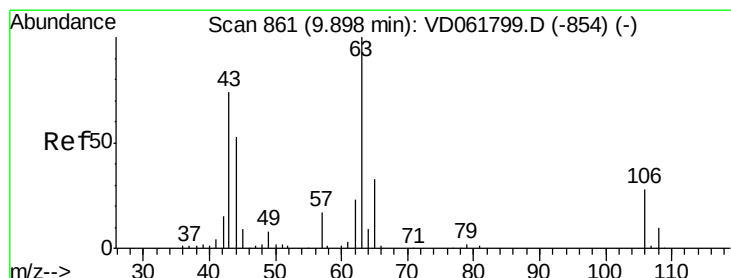
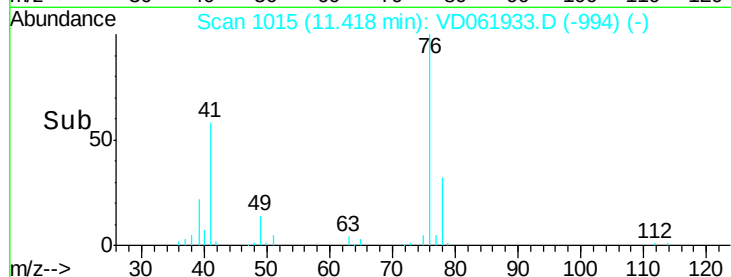
Tot Ion: 76 Resp: 386722  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 26.2 39.2



Abundance Ion 75.95 (75.65 to 76.65): VDC  
 Ion 77.95 (77.65 to 78.65): VDC

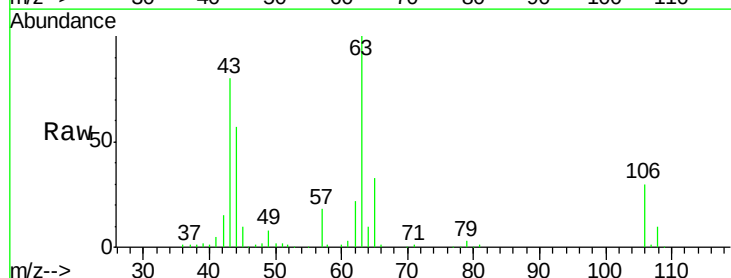


Time-->

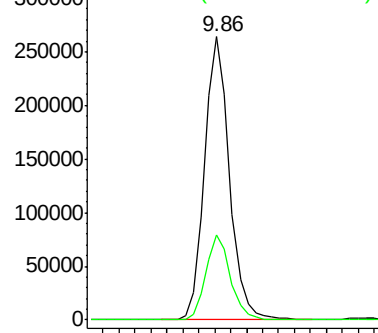


#58  
 2-Chloroethyl Vinyl ether  
 Concen: 243.419 ug/l  
 RT: 9.86 min Scan# 857  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

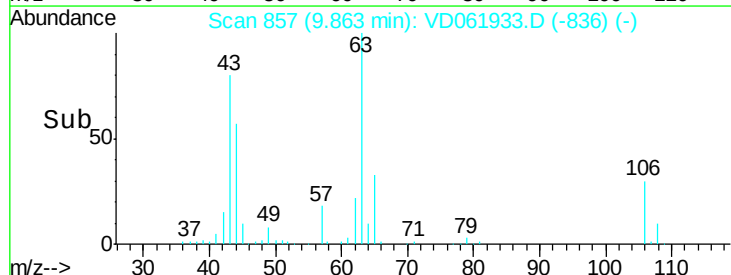
Tgt Ion: 63 Resp: 578463  
 Ion Ratio Lower Upper  
 63 100  
 106 29.9 22.6 34.0

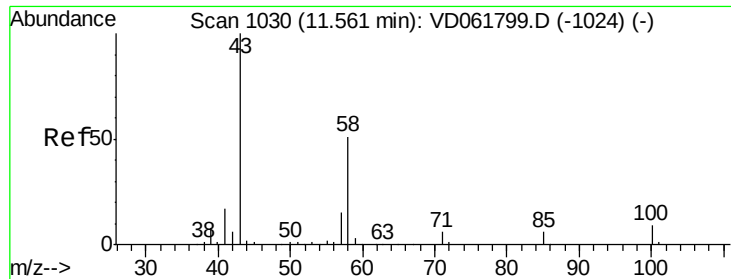


Abundance Ion 62.95 (62.65 to 63.65): VDC  
 Ion 105.95 (105.65 to 106.65): V



Time-->

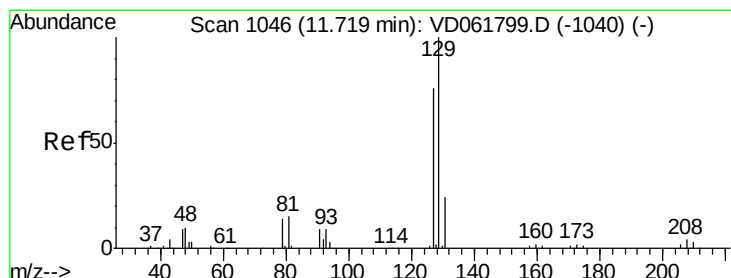
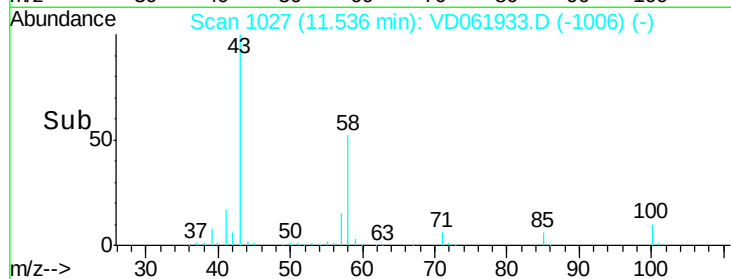
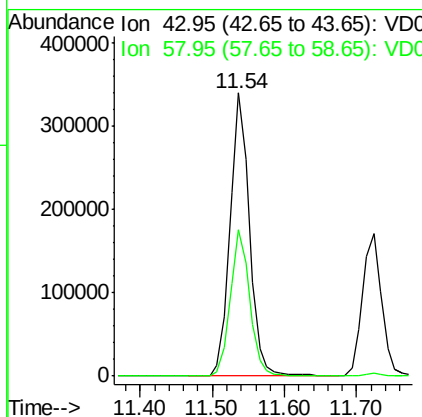
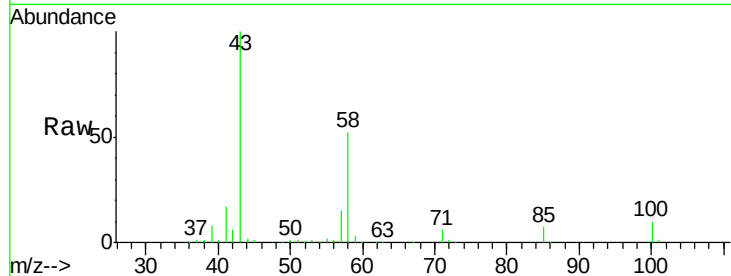




#59  
2-Hexanone  
Concen: 267.096 ug/l  
RT: 11.54 min Scan# 1027  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

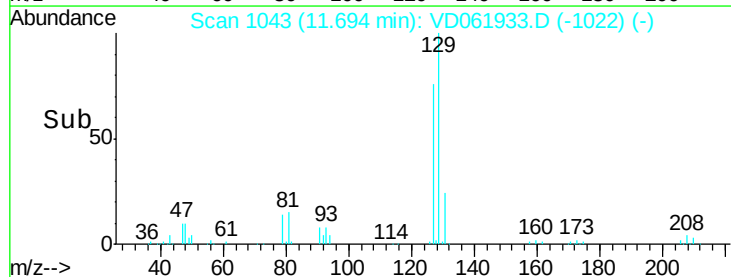
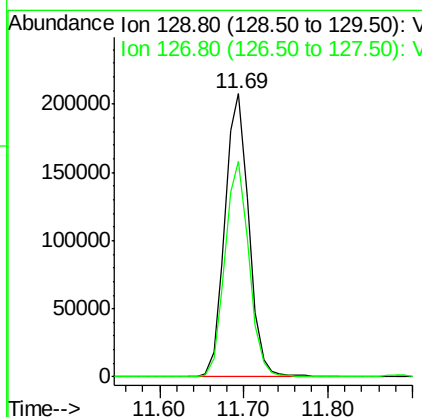
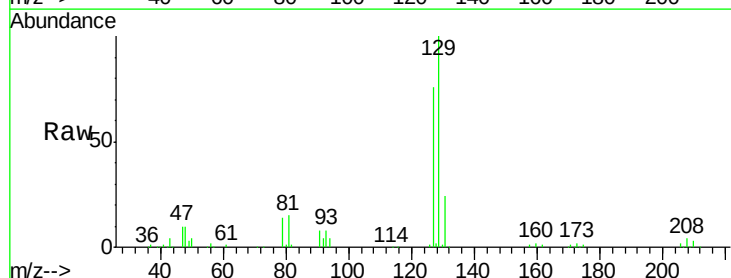
Instrument :  
MSVOA\_D  
ClientSampled :

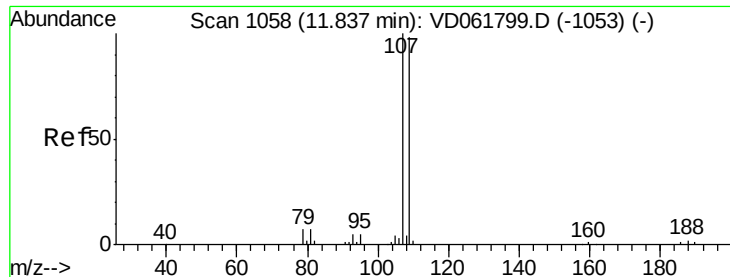
Tot Ion: 43 Resp: 641599  
Ion Ratio Lower Upper  
43 100  
58 51.7 25.4 76.4



#60  
Dibromochloromethane  
Concen: 55.044 ug/l  
RT: 11.69 min Scan# 1043  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion: 129 Resp: 409998  
Ion Ratio Lower Upper  
129 100  
127 76.0 38.0 113.9

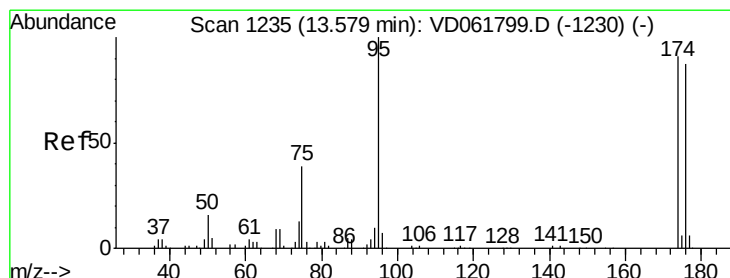
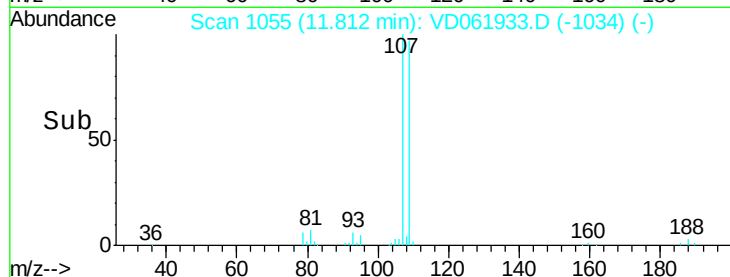
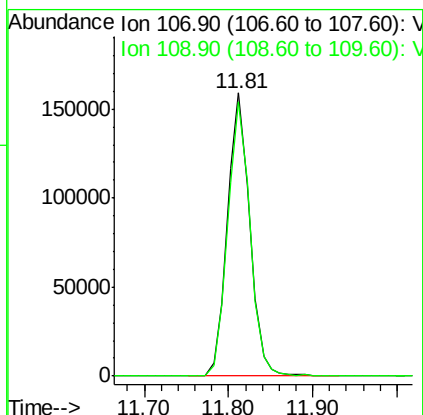
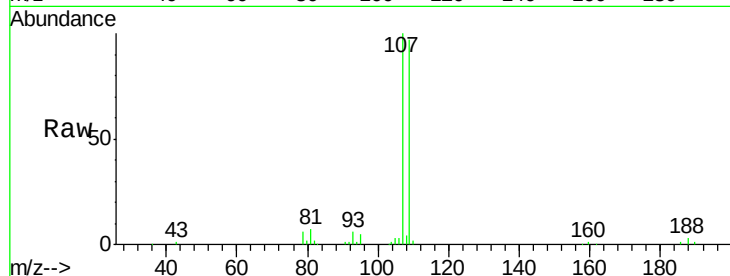




#61  
 1,2-Dibromoethane  
 Concen: 52.209 ug/l  
 RT: 11.81 min Scan# 1055  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

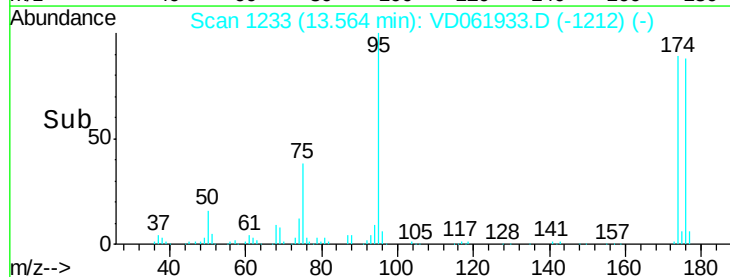
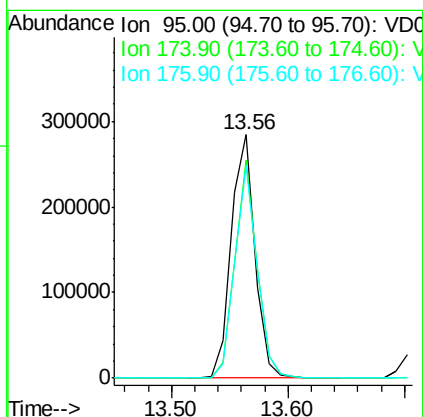
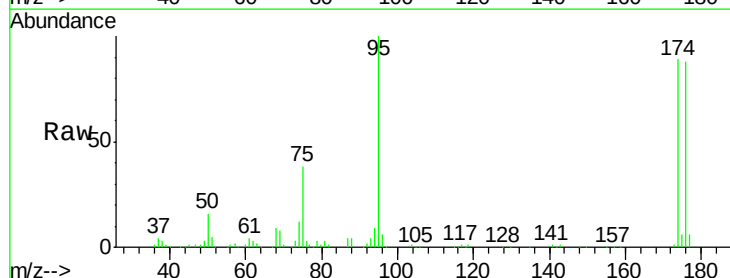
Instrument :  
 MSVOA\_D  
 ClientSampleId :

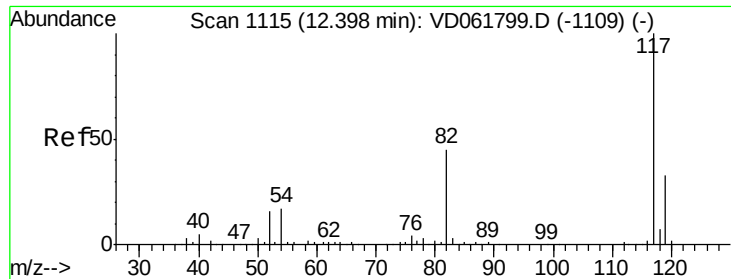
Tot Ion: 107 Resp: 292237  
 Ion Ratio Lower Upper  
 107 100  
 109 97.1 78.3 117.5



#62  
 4-Bromofluorobenzene  
 Concen: 52.209 ug/l  
 RT: 13.56 min Scan# 1233  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

Tgt Ion: 95 Resp: 398698  
 Ion Ratio Lower Upper  
 95 100  
 174 89.5 0.0 181.8  
 176 87.5 0.0 174.4

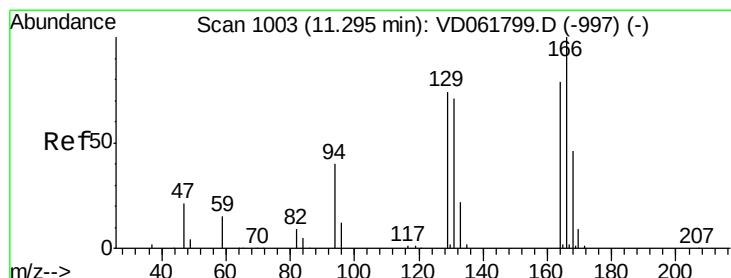
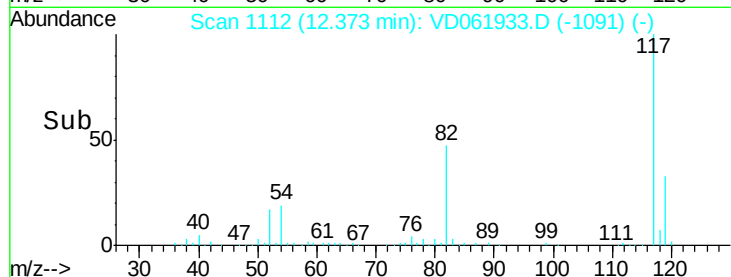
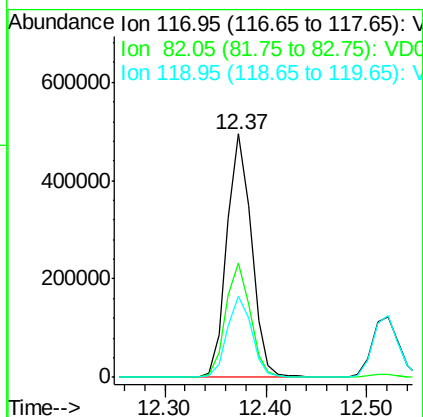
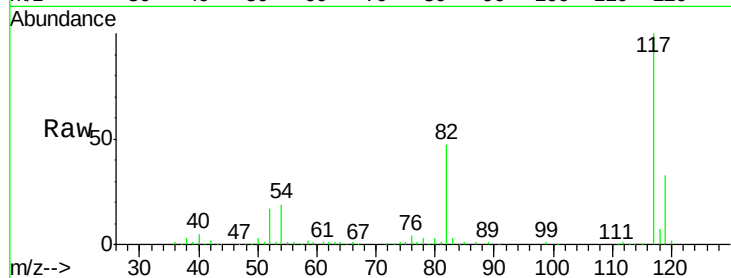




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.37 min Scan# 1112  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

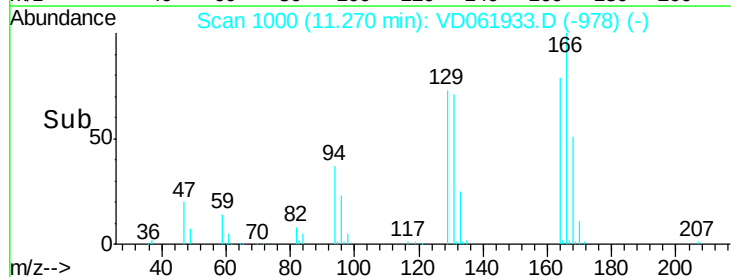
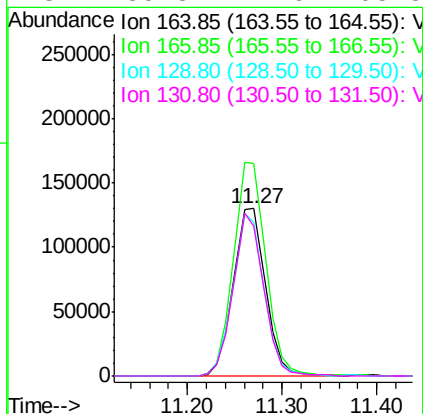
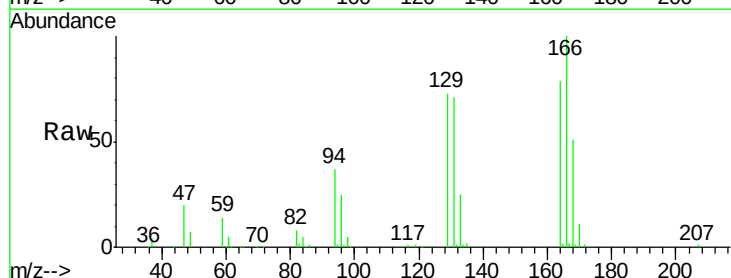
Instrument :  
MSVOA\_D  
ClientSampleId :

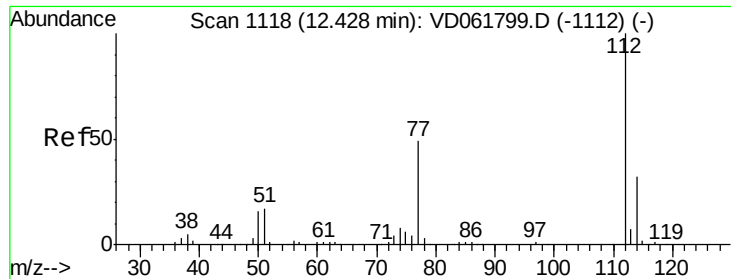
Tot Ion:117 Resp: 840201  
Ion Ratio Lower Upper  
117 100  
82 47.1 36.2 54.2  
119 33.5 26.2 39.4



#64  
Tetrachloroethene  
Concen: 48.840 ug/l  
RT: 11.27 min Scan# 1000  
Delta R.T. 0.02 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion:164 Resp: 307747  
Ion Ratio Lower Upper  
164 100  
166 126.5 101.5 152.3  
129 91.9 74.6 112.0  
131 89.3 72.6 108.8

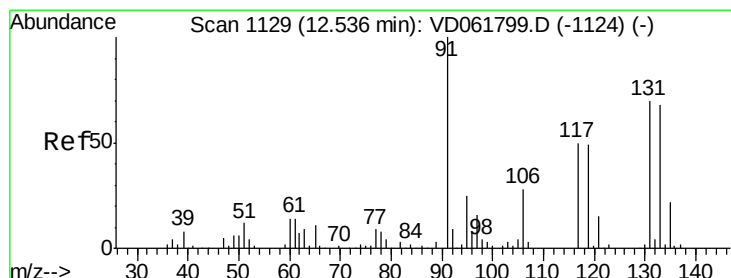
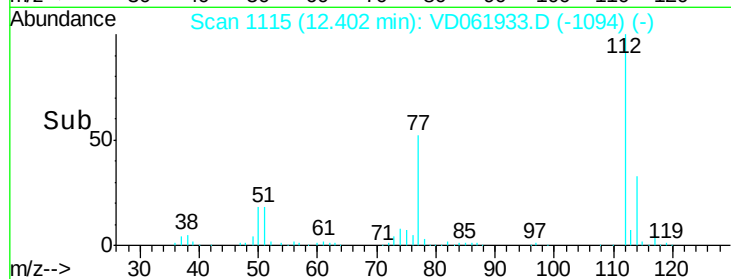
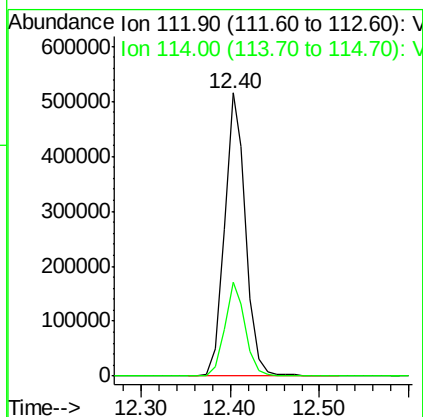
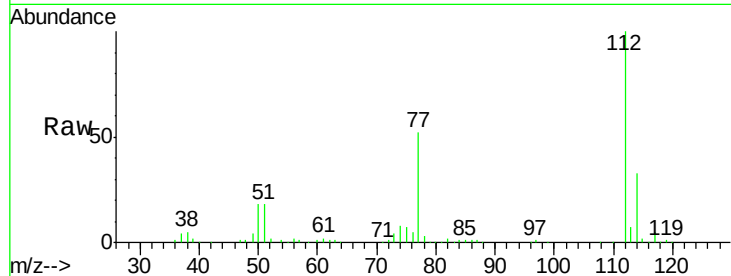




#65  
Chlorobenzene  
Concen: 54.507 ug/l  
RT: 12.40 min Scan# 1115  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

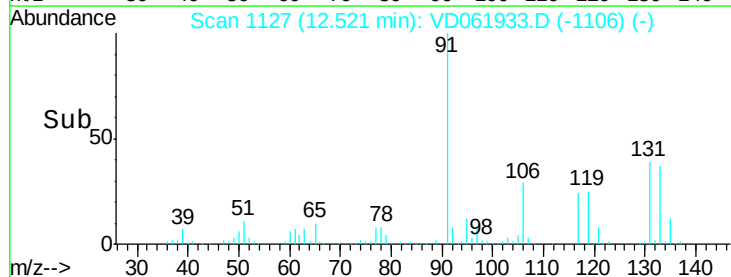
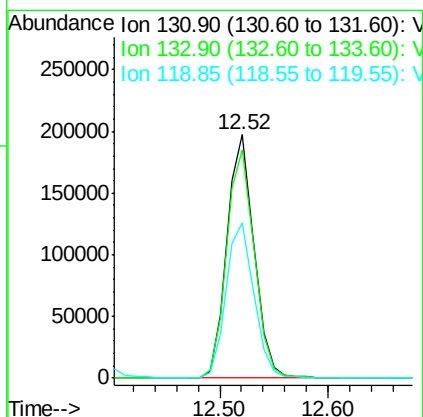
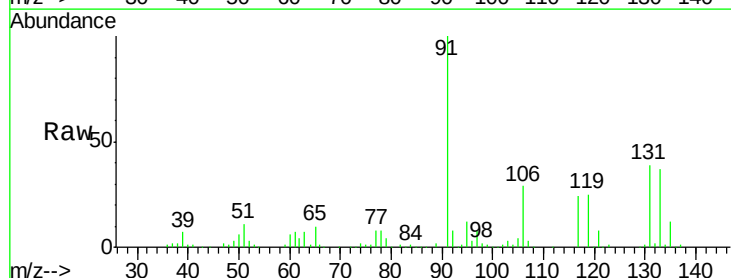
Instrument :  
MSVOA\_D  
ClientSampled :

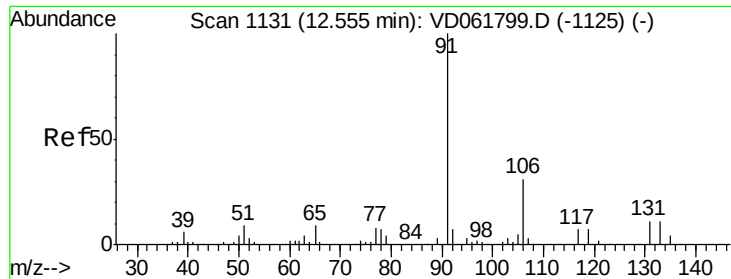
Tot Ion:112 Resp: 852896  
Ion Ratio Lower Upper  
112 100  
114 33.2 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.429 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion:131 Resp: 343792  
Ion Ratio Lower Upper  
131 100  
133 93.7 48.6 145.8  
119 64.0 34.7 104.1

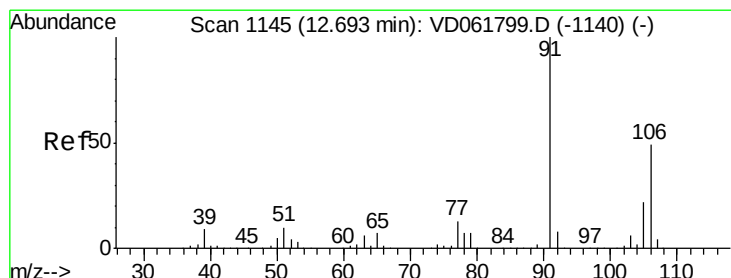
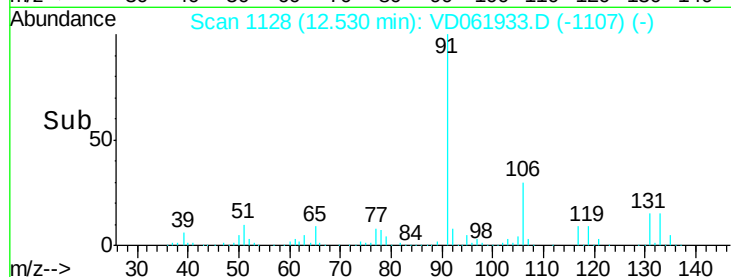
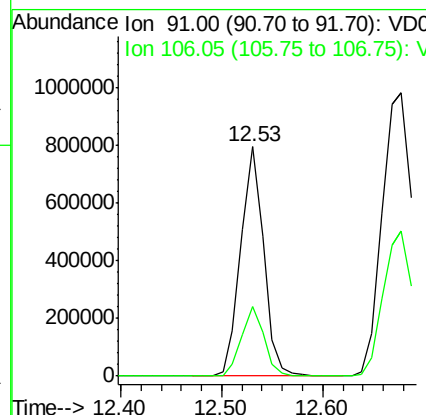
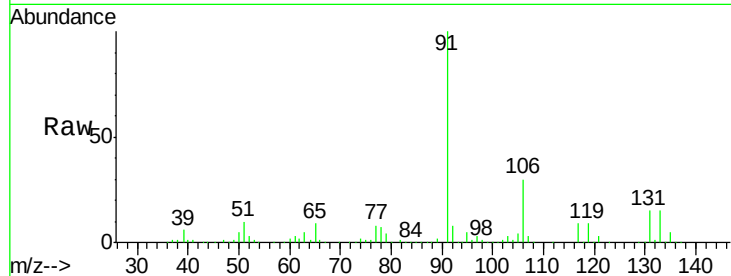




#67  
Ethyl Benzene  
Concen: 50.198 ug/l  
RT: 12.53 min Scan# 1128  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

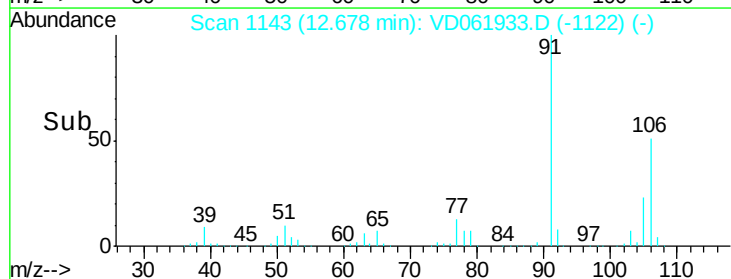
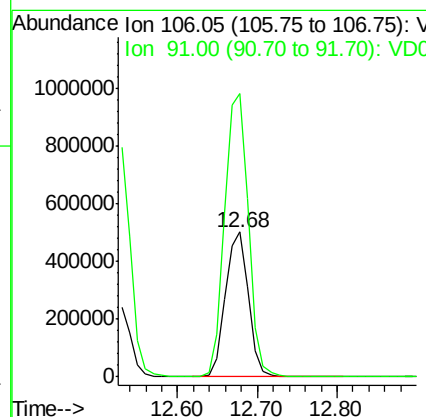
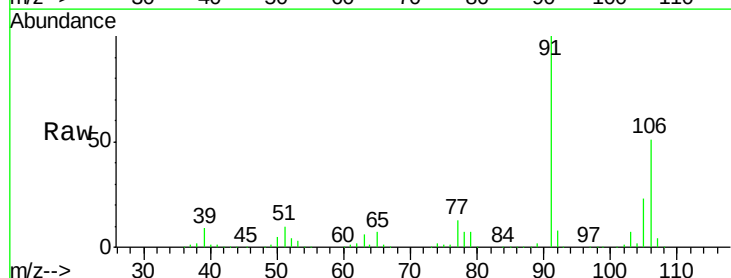
Instrument :  
MSVOA\_D  
ClientSampleId :

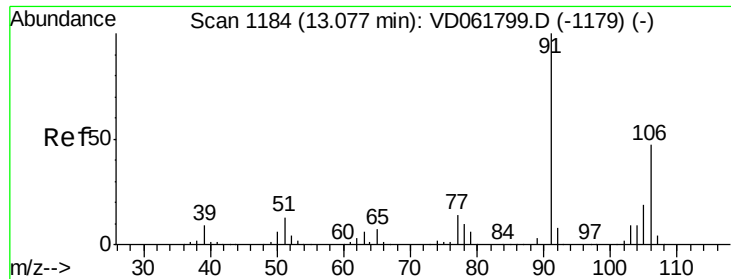
Tot Ion: 91 Resp: 1257878  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.7 37.1



#68  
m/p-Xylenes  
Concen: 108.480 ug/l  
RT: 12.68 min Scan# 1143  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion:106 Resp: 1021081  
Ion Ratio Lower Upper  
106 100  
91 195.8 164.0 246.0

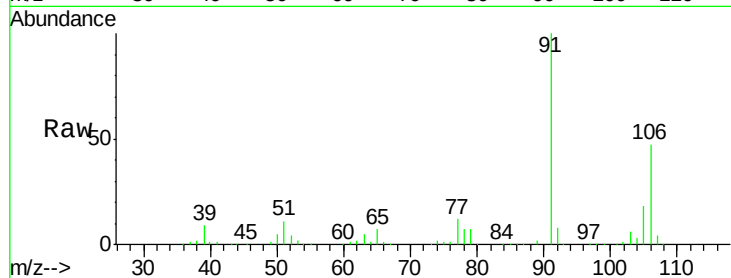




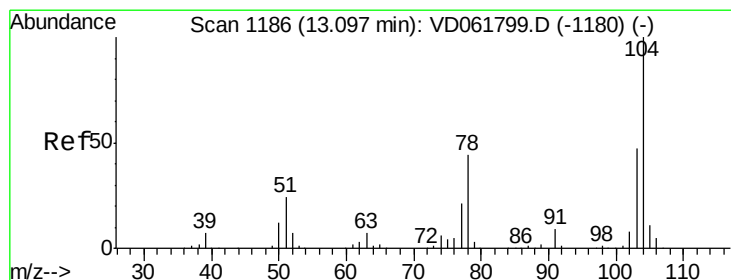
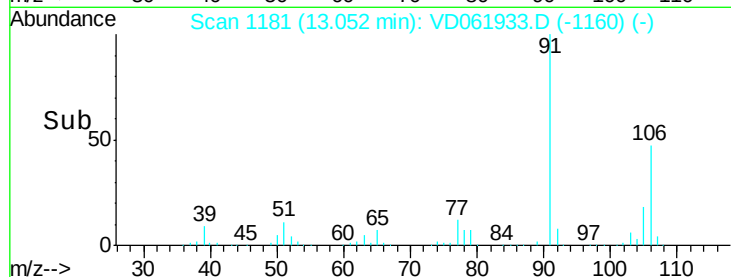
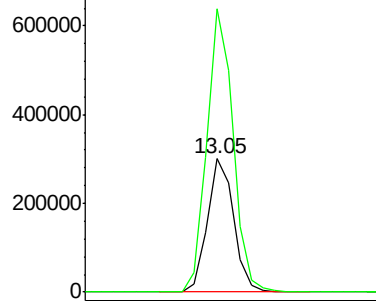
#69  
o-Xylene  
Concen: 53.024 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:106 Resp: 469111  
Ion Ratio Lower Upper  
106 100  
91 212.0 106.7 319.9

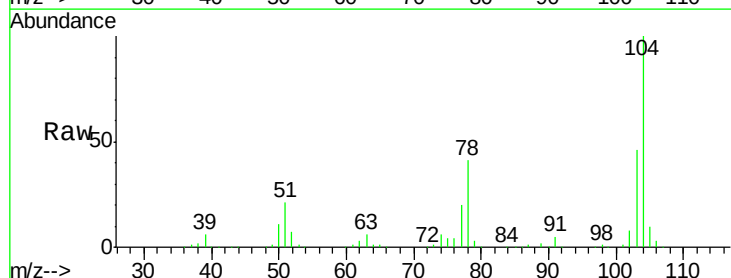


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

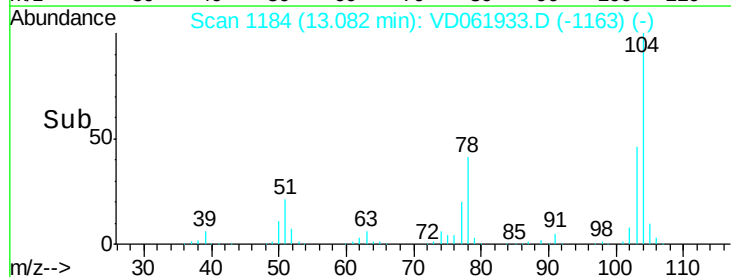
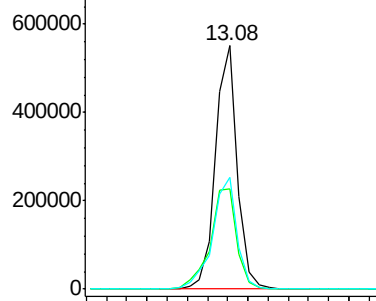


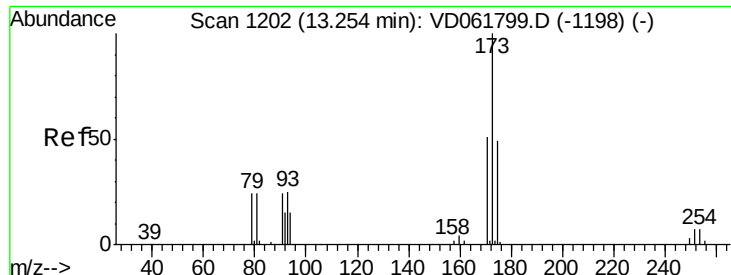
#70  
Styrene  
Concen: 54.351 ug/l  
RT: 13.08 min Scan# 1184  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion:104 Resp: 827472  
Ion Ratio Lower Upper  
104 100  
78 41.0 35.4 53.2  
103 45.7 37.5 56.3



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

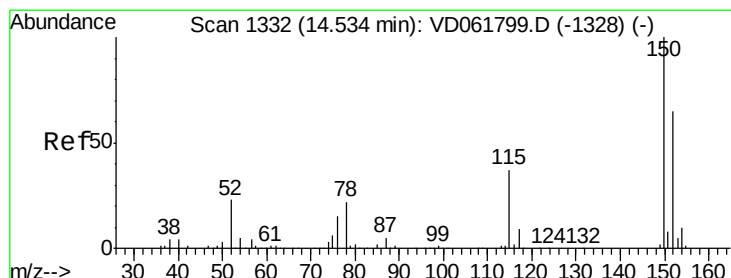
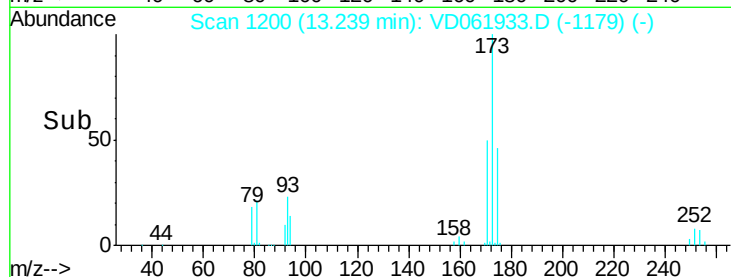
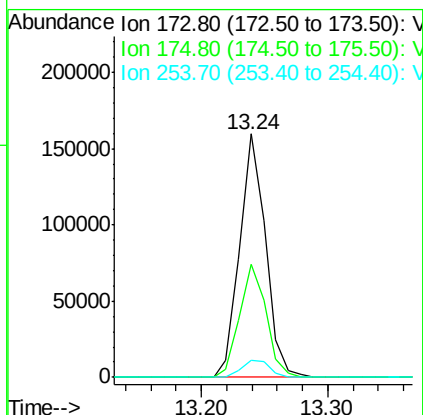
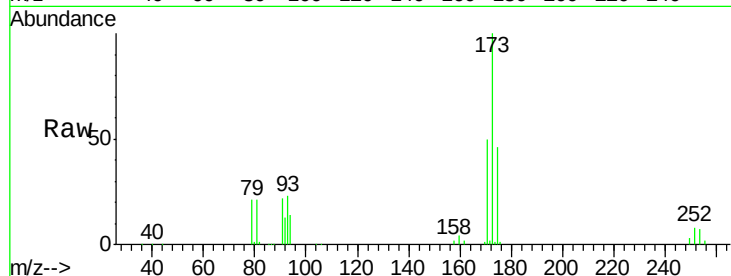




#71  
Bromoform  
Concen: 58.147 ug/l  
RT: 13.24 min Scan# 1200  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

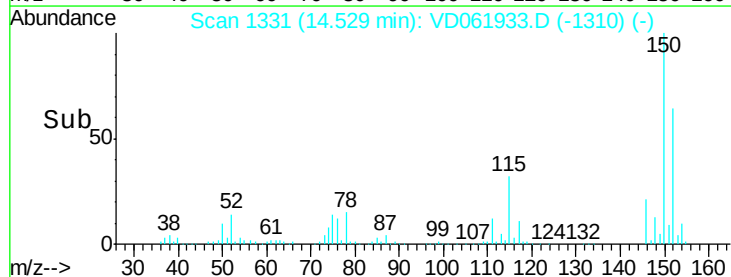
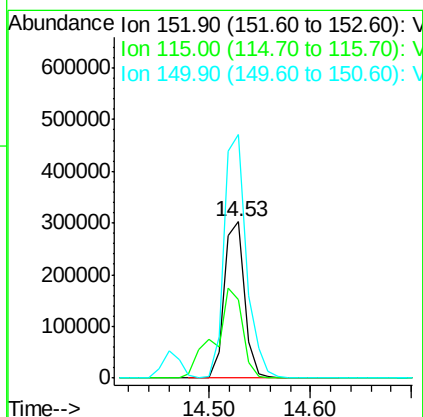
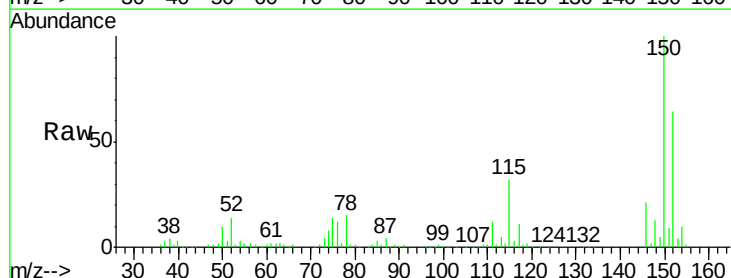
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:173 Resp: 226323  
Ion Ratio Lower Upper  
173 100  
175 46.3 24.4 73.4  
254 6.9 5.4 8.2

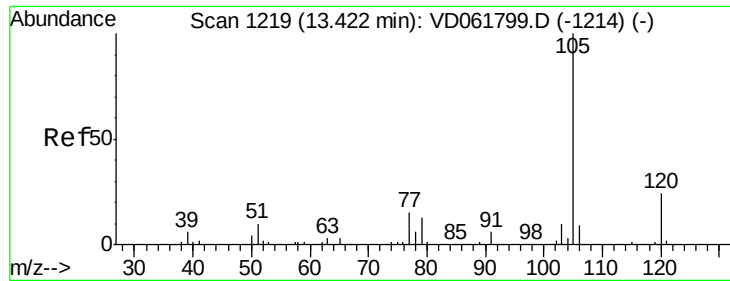


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.53 min Scan# 1331  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion:152 Resp: 422208  
Ion Ratio Lower Upper  
152 100  
115 50.4 30.9 92.7  
150 156.1 0.0 314.8







#73

Isopropylbenzene

Concen: 48.828 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

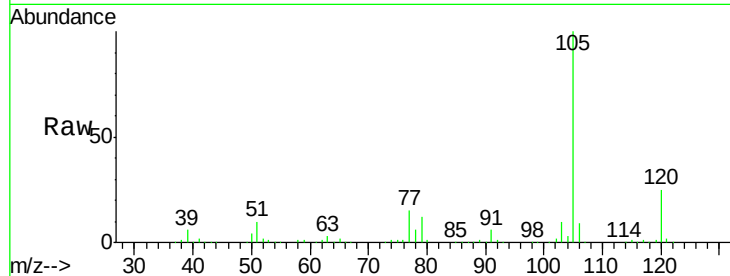
ClientSampleId :

Tot Ion:105 Resp: 1337004

Ion Ratio Lower Upper

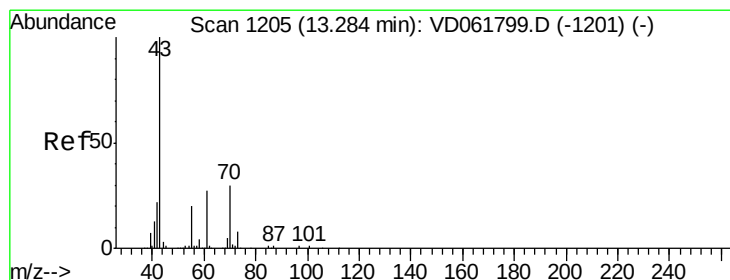
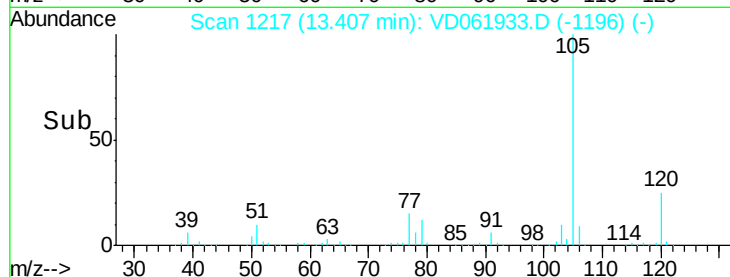
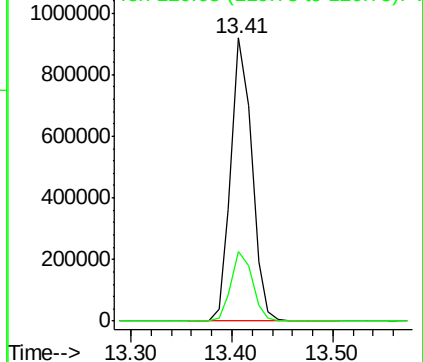
105 100

120 24.8 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 47.400 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Tgt Ion: 43 Resp: 349007

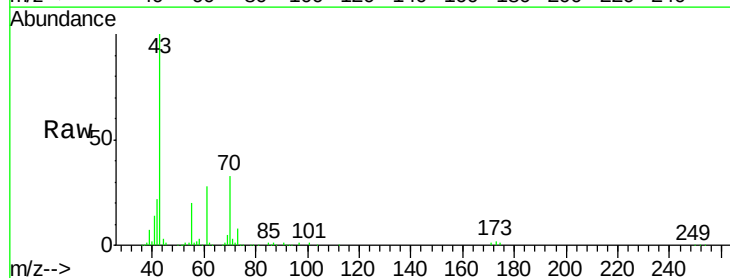
Ion Ratio Lower Upper

43 100

70 32.6 24.2 36.4

55 19.7 16.0 24.0

61 27.6 21.6 32.4

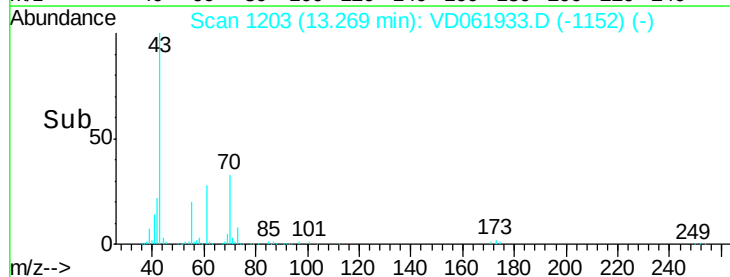
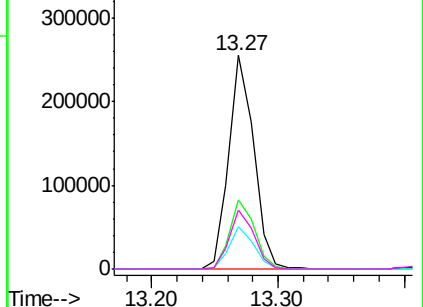


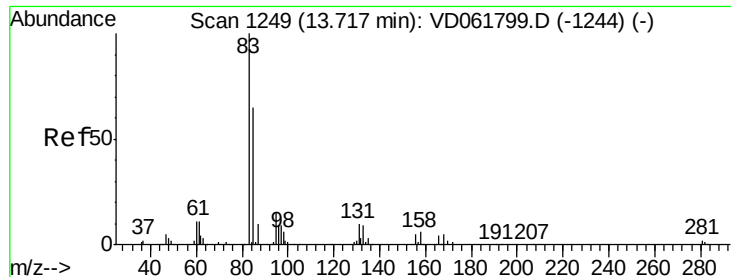
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 47.867 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

ClientSampleId :

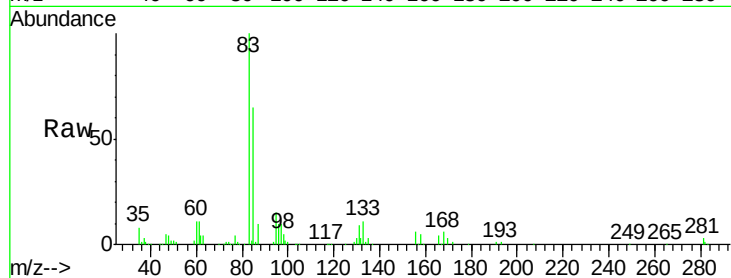
Tot Ion: 83 Resp: 259076

Ion Ratio Lower Upper

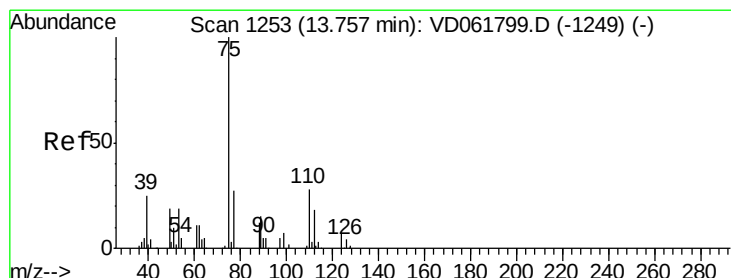
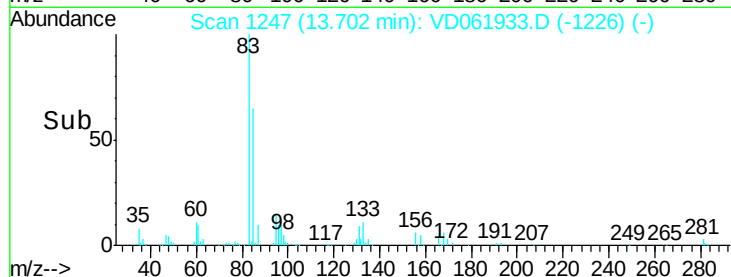
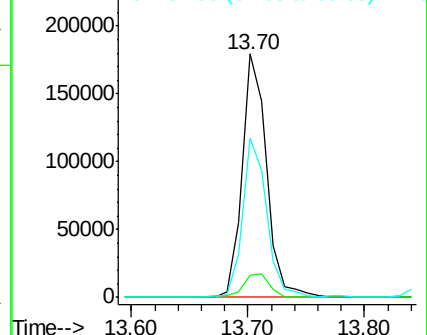
83 100

131 9.3 5.0 14.9

85 65.2 32.6 97.7



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: 51.364 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.01 min

Lab File: VD061933.D

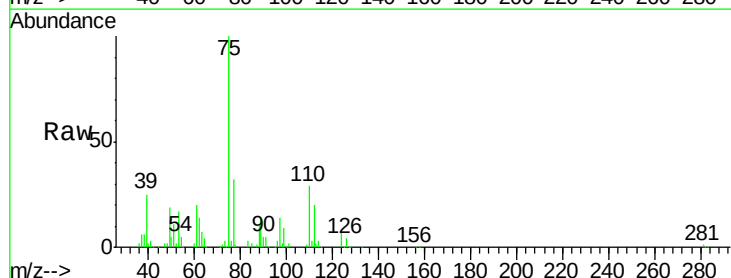
Acq: 22 Apr 2019 12:16

Tgt Ion: 75 Resp: 284801

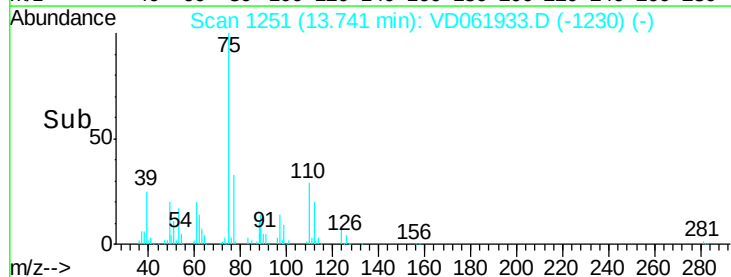
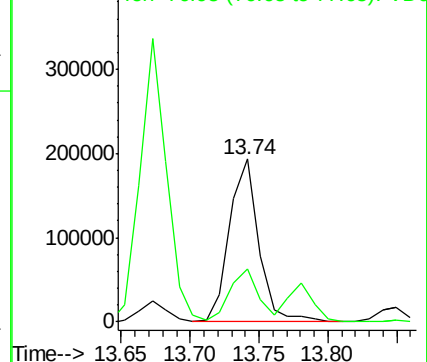
Ion Ratio Lower Upper

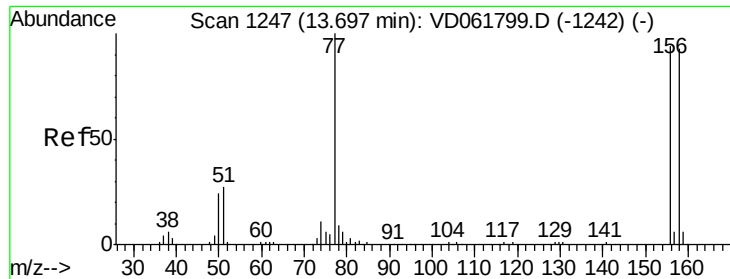
75 100

77 32.3 16.4 49.4



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





#77

Bromobenzene

Concen: 47.412 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

ClientSampleId :

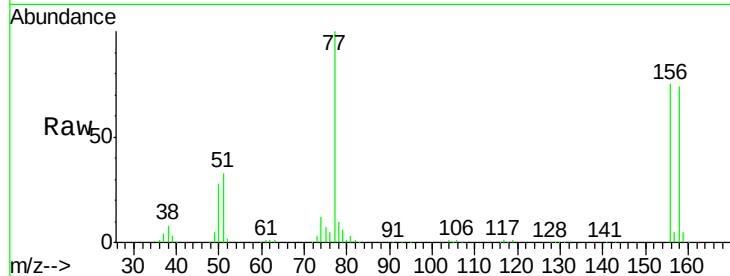
Tot Ion:156 Resp: 368777

Ion Ratio Lower Upper

156 100

77 133.7 53.1 159.4

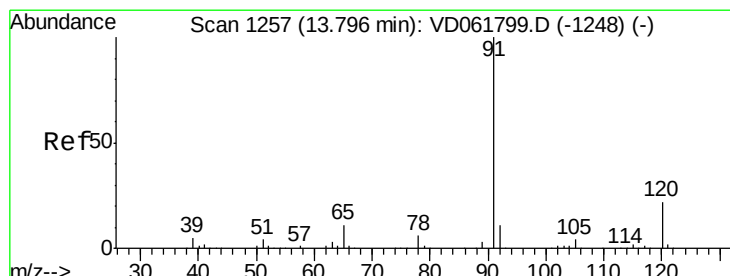
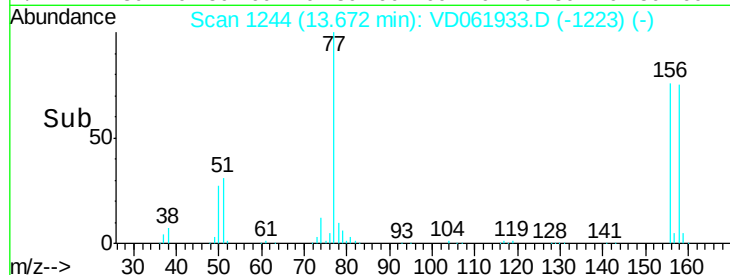
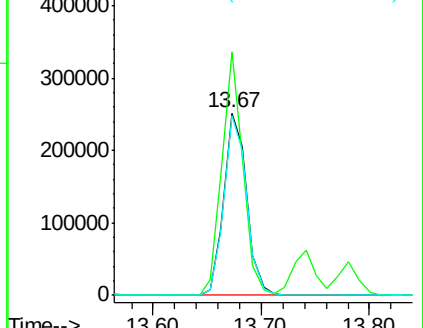
158 98.8 49.4 148.0



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: 49.637 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD061933.D

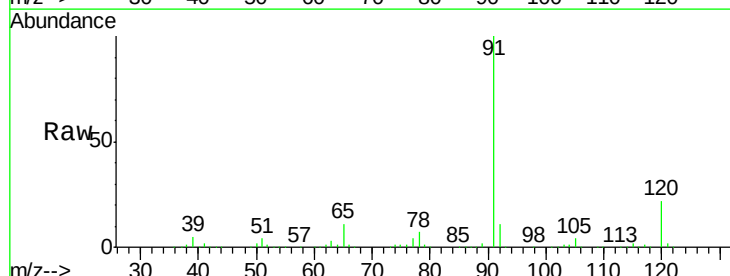
Acq: 22 Apr 2019 12:16

Tgt Ion: 91 Resp: 1570299

Ion Ratio Lower Upper

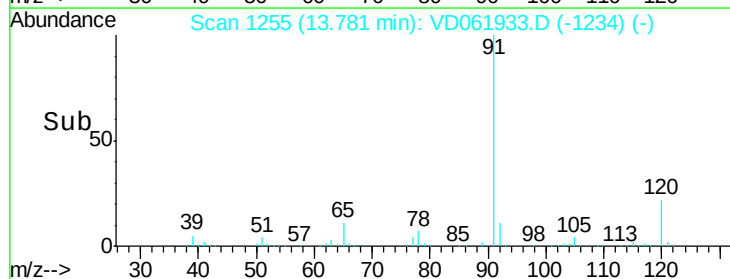
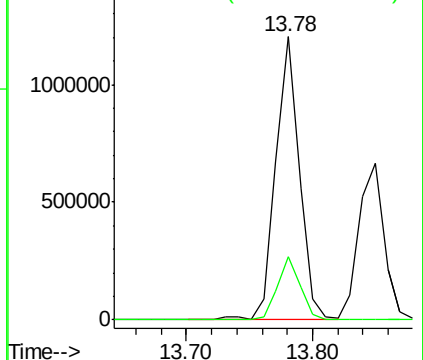
91 100

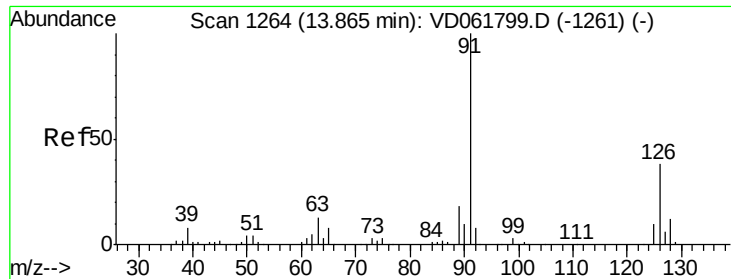
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

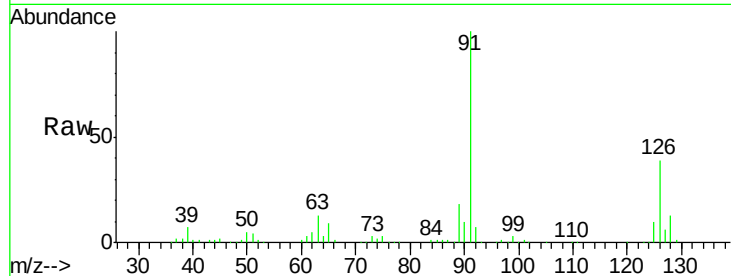




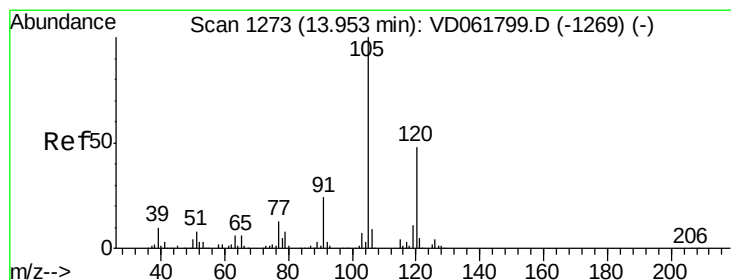
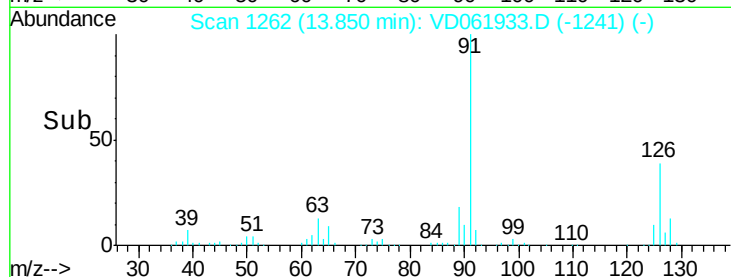
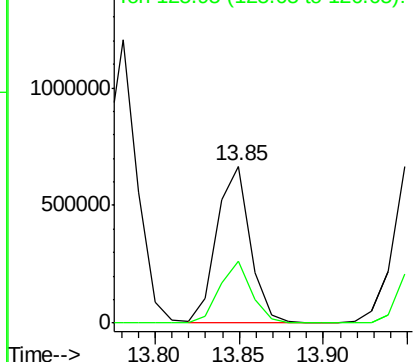
#79  
 2-Chlorotoluene  
 Concen: 49.606 ug/l  
 RT: 13.85 min Scan# 1262  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 91 Resp: 916743  
 Ion Ratio Lower Upper  
 91 100  
 126 39.4 18.6 55.8

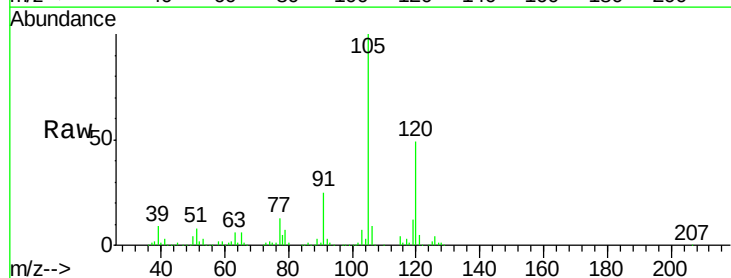


Abundance Ion 91.00 (90.70 to 91.70): V  
 Ion 125.95 (125.65 to 126.65): V

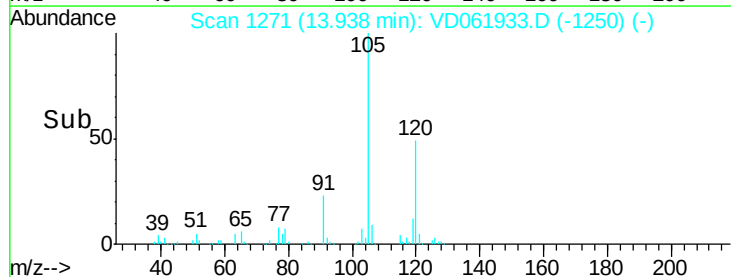
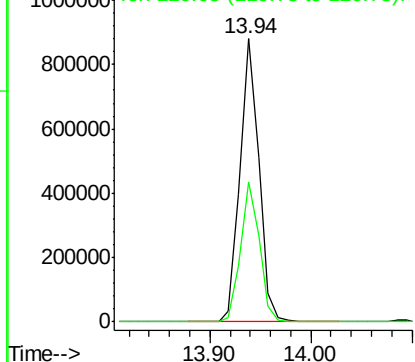


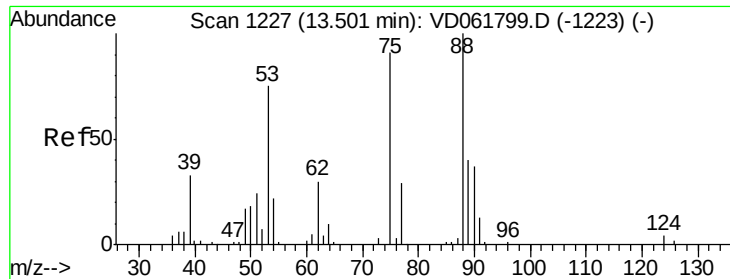
#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.335 ug/l  
 RT: 13.94 min Scan# 1271  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

Tgt Ion: 105 Resp: 1137048  
 Ion Ratio Lower Upper  
 105 100  
 120 49.5 24.0 72.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 48.353 ug/l

RT: 13.48 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

ClientSampled :

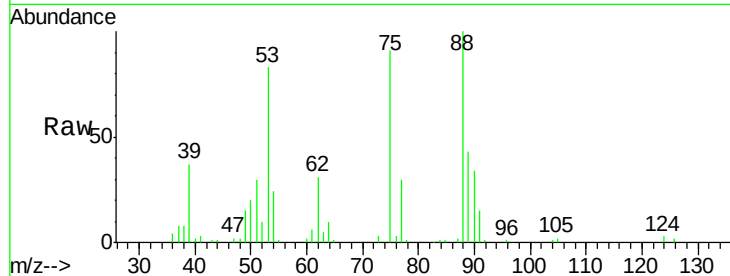
Tot Ion: 75 Resp: 86688

Ion Ratio Lower Upper

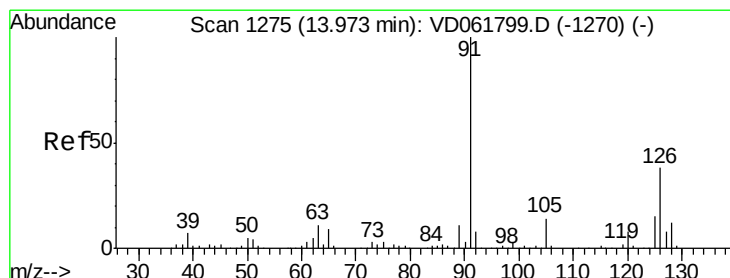
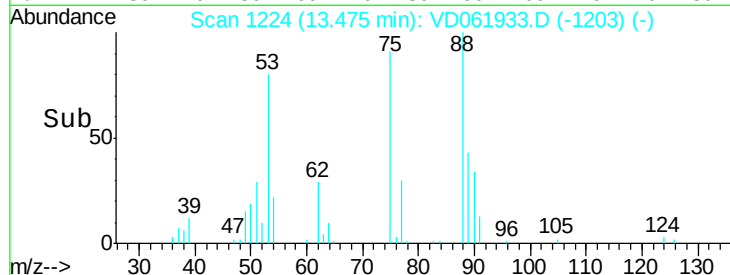
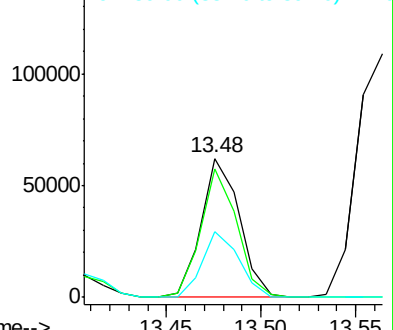
75 100

53 92.0 65.8 98.8

89 47.5 35.0 52.6



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



#82

4-Chlorotoluene

Concen: 49.715 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VD061933.D

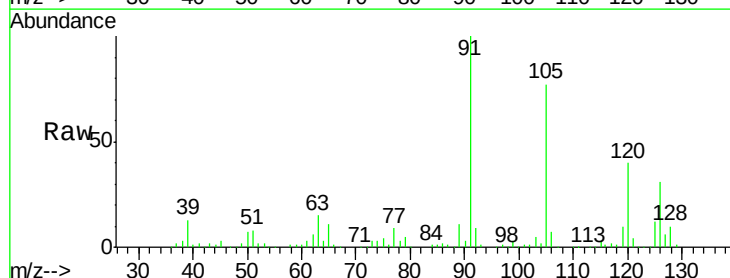
Acq: 22 Apr 2019 12:16

Tgt Ion: 91 Resp: 1051625

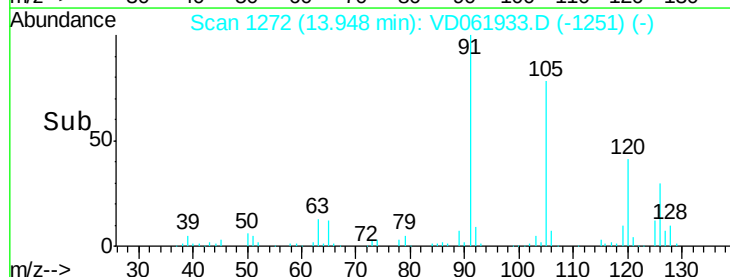
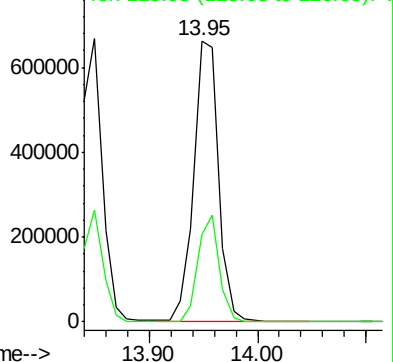
Ion Ratio Lower Upper

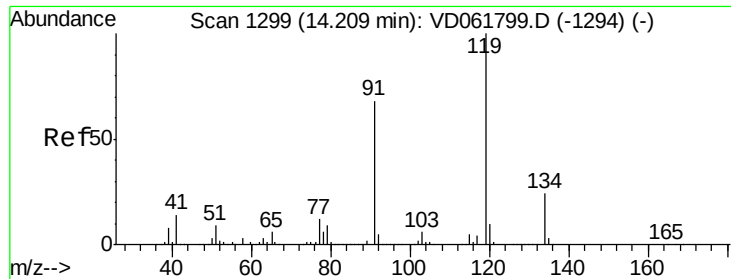
91 100

126 31.1 19.1 57.5



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

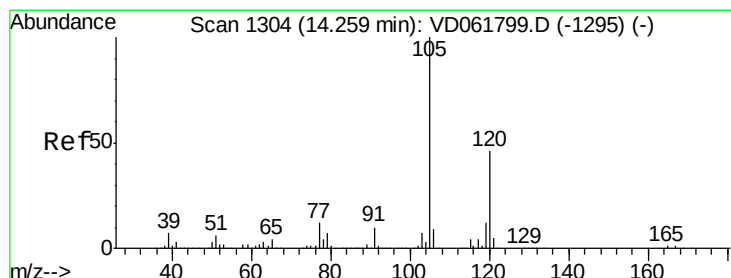
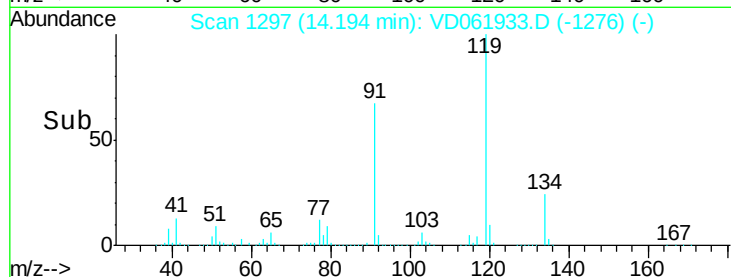
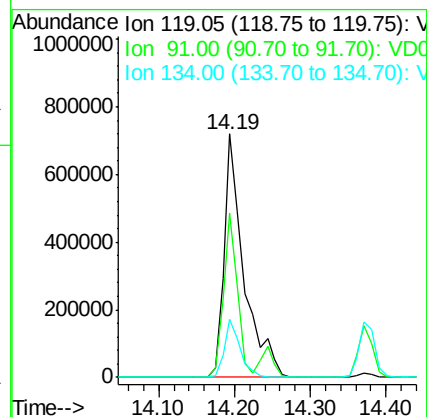
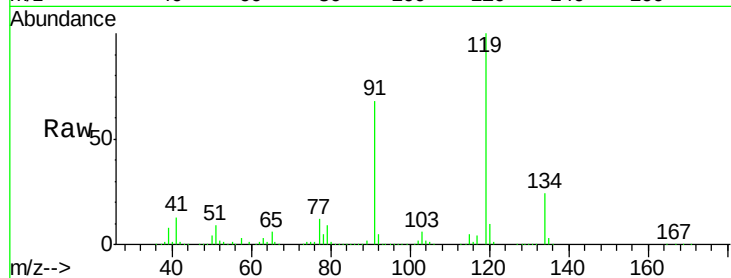




#83  
 tert-Butylbenzene  
 Concen: 51.926 ug/l  
 RT: 14.19 min Scan# 1297  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

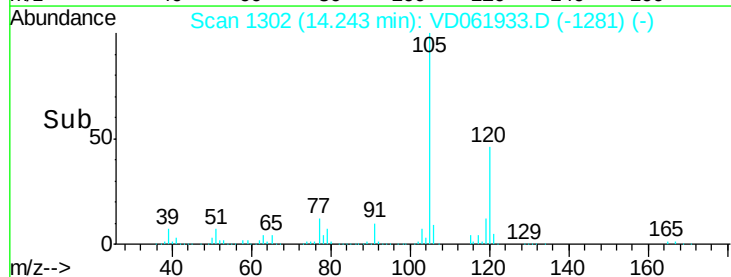
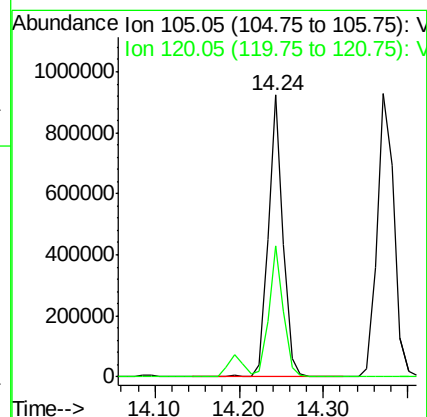
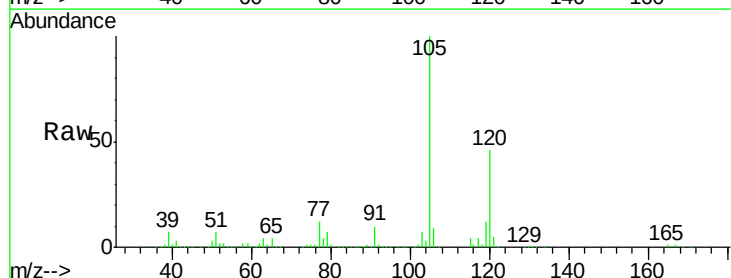
Instrument :  
 MSVOA\_D  
 ClientSampleId :

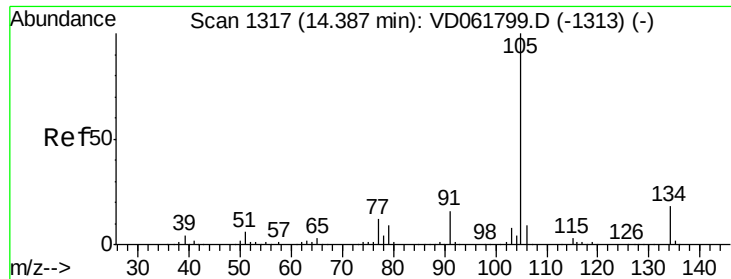
Tot Ion:119 Resp: 1324654  
 Ion Ratio Lower Upper  
 119 100  
 91 67.6 34.2 102.6  
 134 23.9 12.0 36.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.373 ug/l  
 RT: 14.24 min Scan# 1302  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

Tgt Ion:105 Resp: 1143791  
 Ion Ratio Lower Upper  
 105 100  
 120 46.4 23.1 69.2

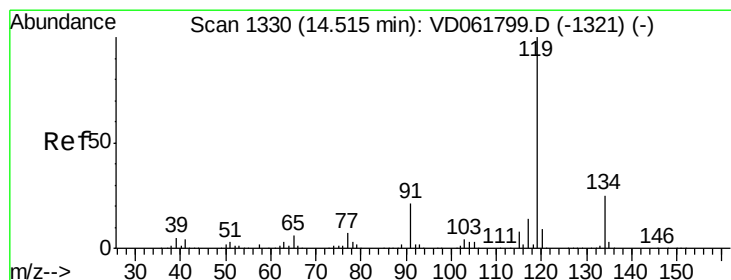
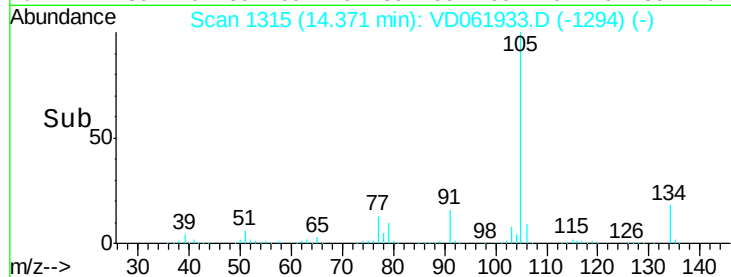
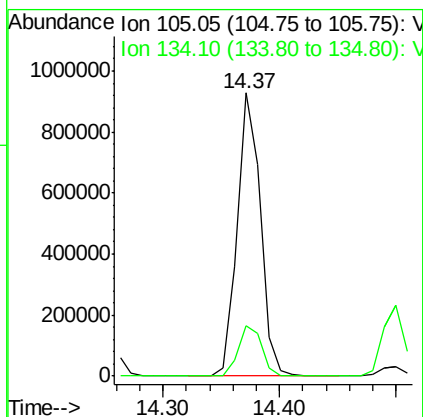
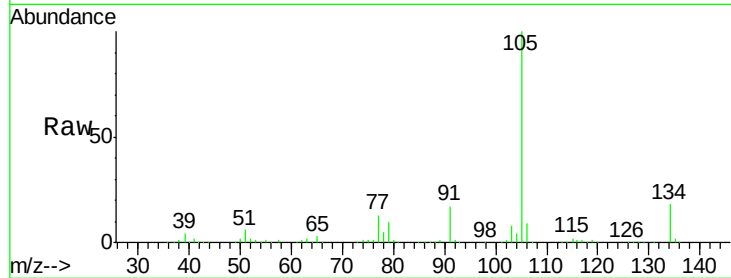




#85  
 sec-Butylbenzene  
 Concen: 48.193 ug/l  
 RT: 14.37 min Scan# 1315  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

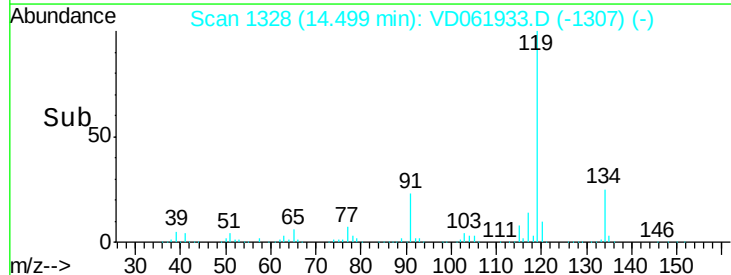
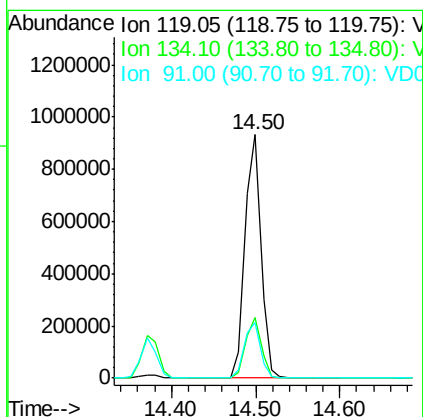
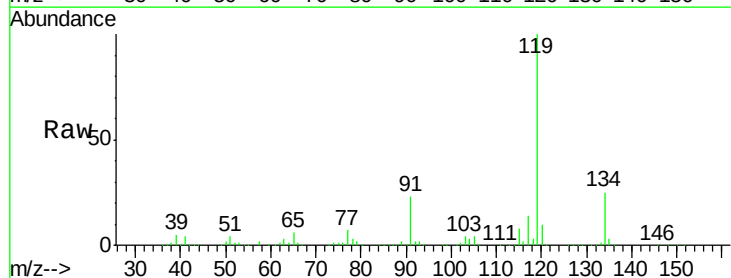
Instrument :  
 MSVOA\_D  
 ClientSampleId :

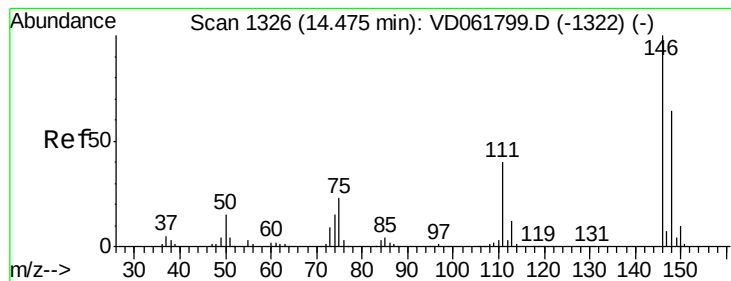
Tot Ion:105 Resp: 1270943  
 Ion Ratio Lower Upper  
 105 100  
 134 17.9 8.9 26.7



#86  
 p-Isopropyltoluene  
 Concen: 50.123 ug/l  
 RT: 14.50 min Scan# 1328  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

Tgt Ion:119 Resp: 1236773  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 12.8 38.3  
 91 22.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.758 ug/l

RT: 14.46 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

ClientSampleId :

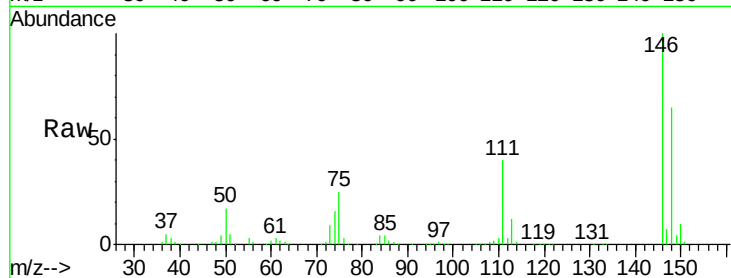
Tot Ion:146 Resp: 675645

Ion Ratio Lower Upper

146 100

111 40.5 20.0 60.0

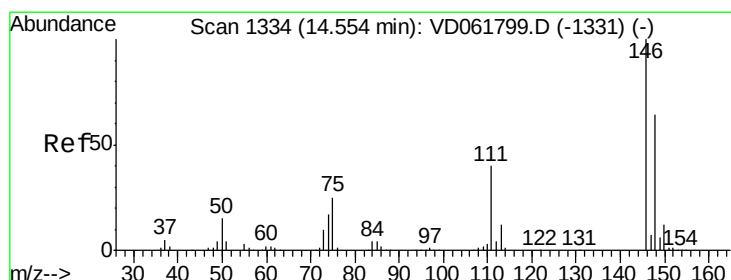
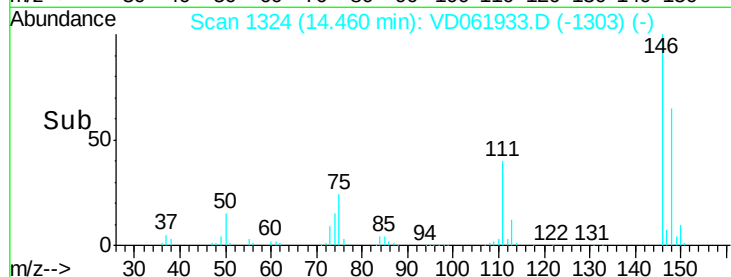
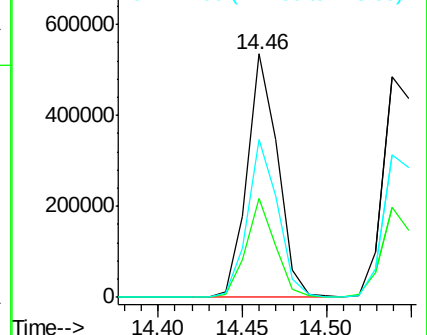
148 64.8 31.8 95.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.309 ug/l

RT: 14.54 min Scan# 1332

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

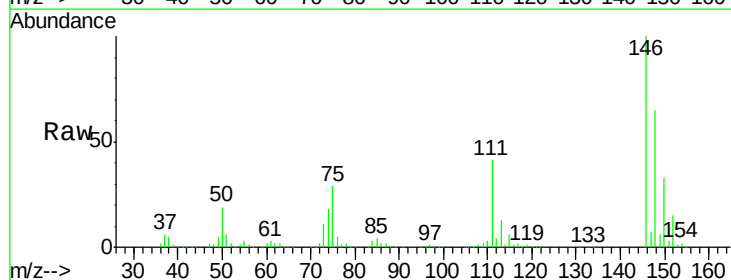
Tgt Ion:146 Resp: 675280

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.5

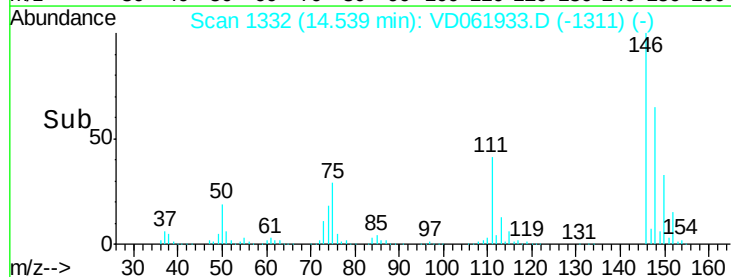
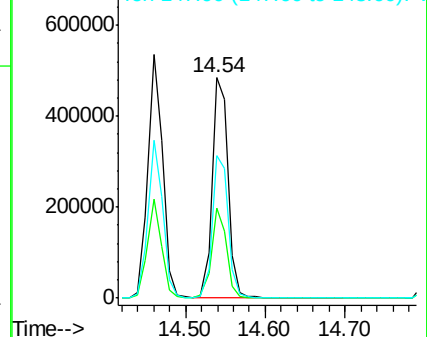
148 64.6 32.0 96.2



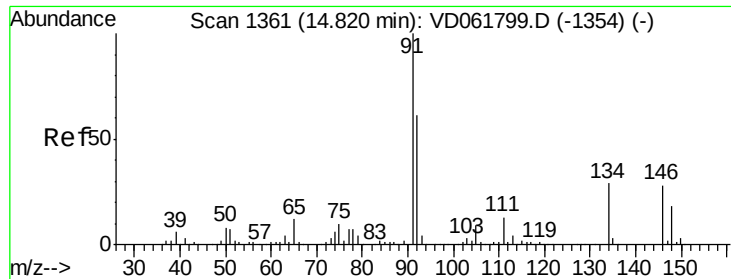
Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



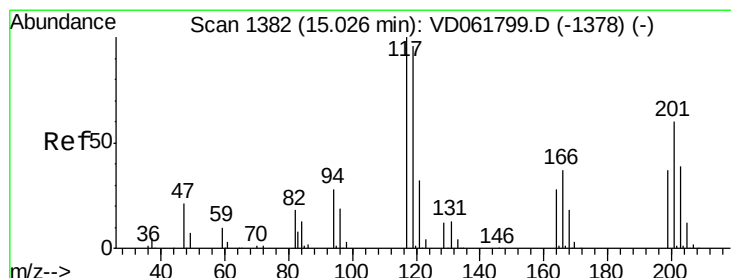
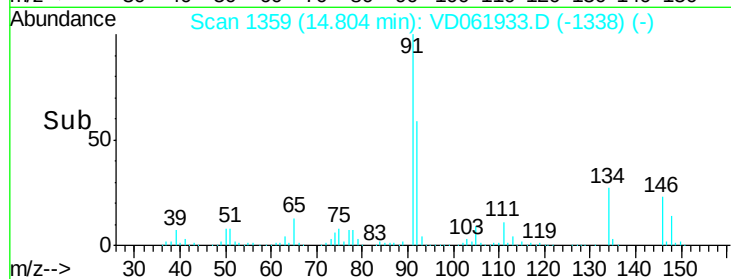
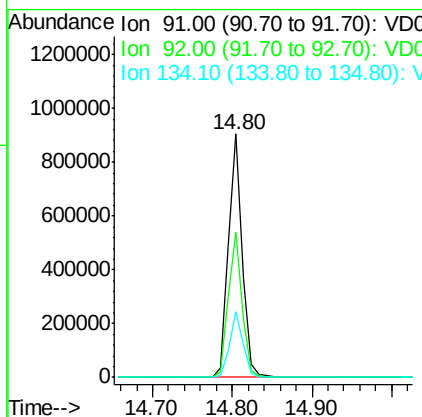
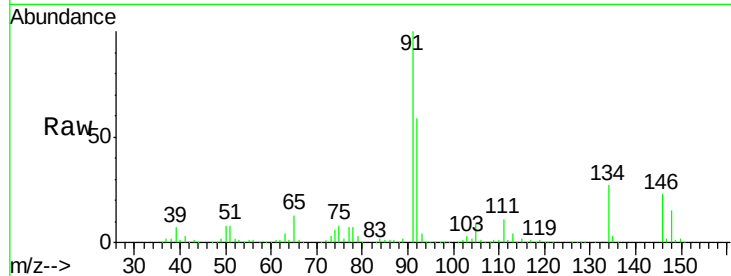




#89  
n-Butylbenzene  
Concen: 50.723 ug/l  
RT: 14.80 min Scan# 1359  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

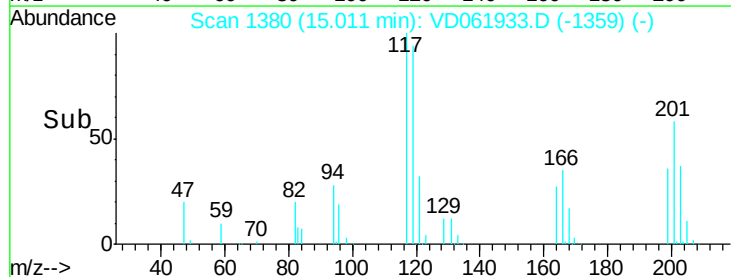
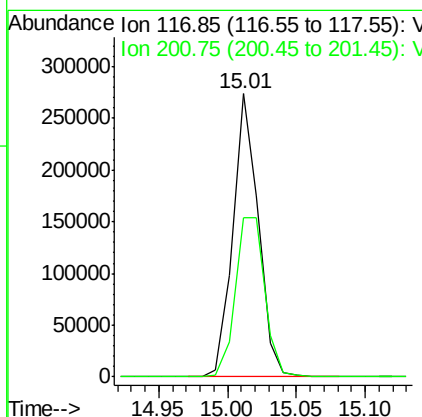
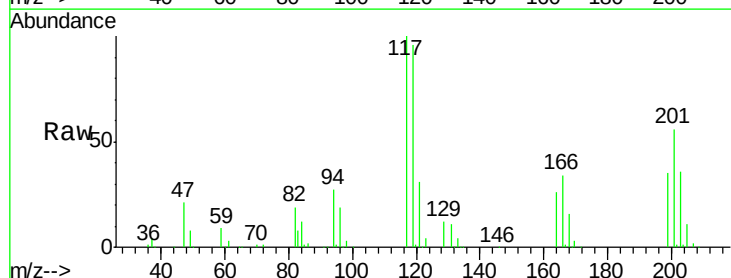
Instrument :  
MSVOA\_D  
ClientSampleId :

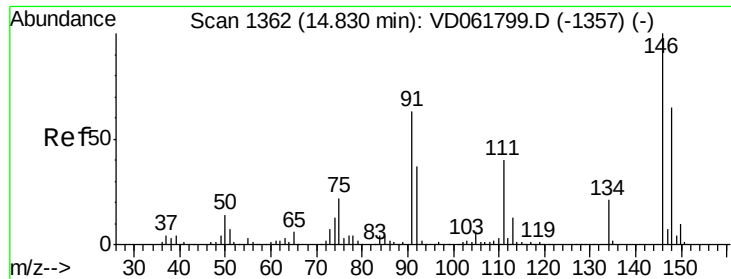
Tot Ion: 91 Resp: 1107873  
Ion Ratio Lower Upper  
91 100  
92 59.4 30.3 91.0  
134 26.8 14.5 43.6



#90  
Hexachloroethane  
Concen: 52.152 ug/l  
RT: 15.01 min Scan# 1380  
Delta R.T. 0.01 min  
Lab File: VD061933.D  
Acq: 22 Apr 2019 12:16

Tgt Ion: 117 Resp: 350743  
Ion Ratio Lower Upper  
117 100  
201 56.2 30.2 90.6





#91

1,2-Dichlorobenzene

Concen: 48.255 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

ClientSampleId :

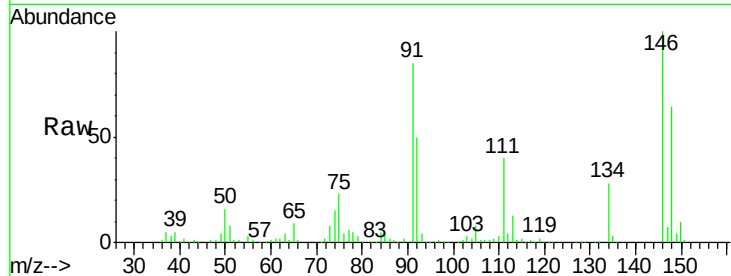
Tot Ion:146 Resp: 548851

Ion Ratio Lower Upper

146 100

111 39.7 20.0 59.9

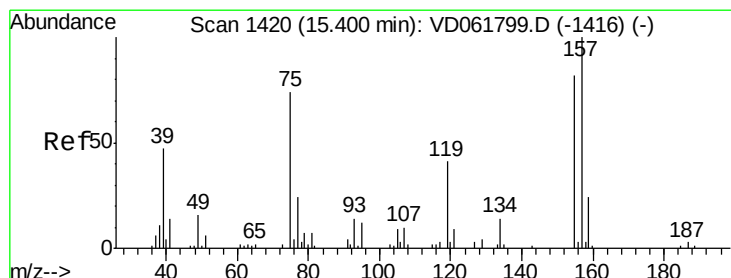
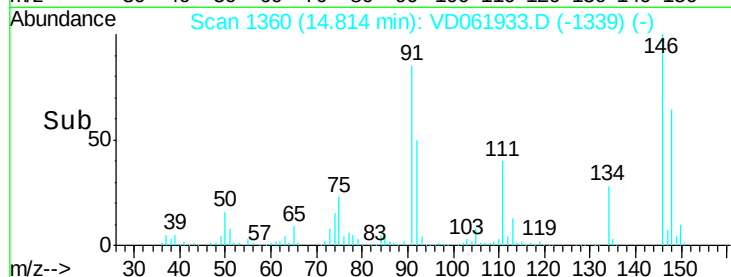
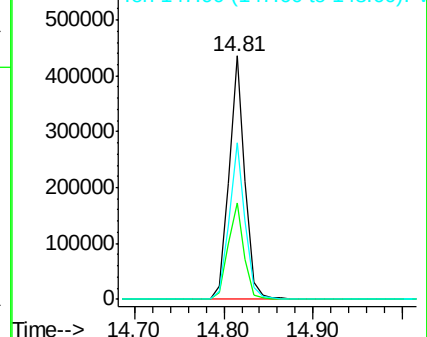
148 64.4 32.3 96.8



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: 48.550 ug/l

RT: 15.39 min Scan# 1418

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

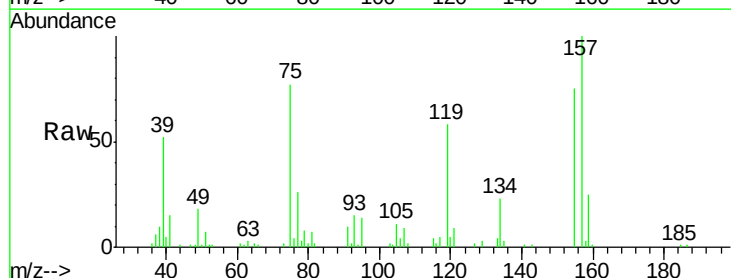
Tgt Ion: 75 Resp: 36599

Ion Ratio Lower Upper

75 100

155 97.2 55.3 165.8

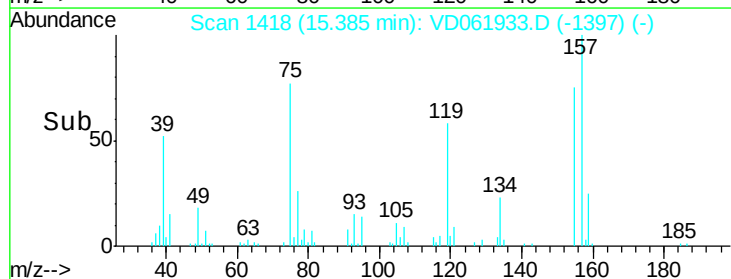
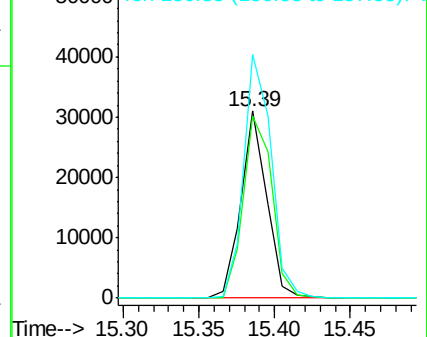
157 130.3 67.8 203.2

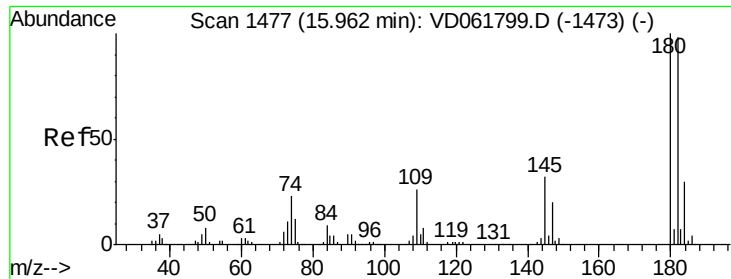


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

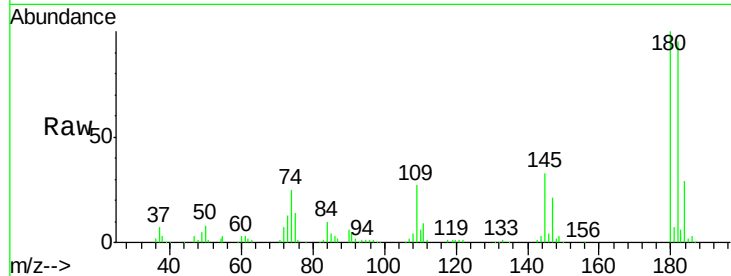




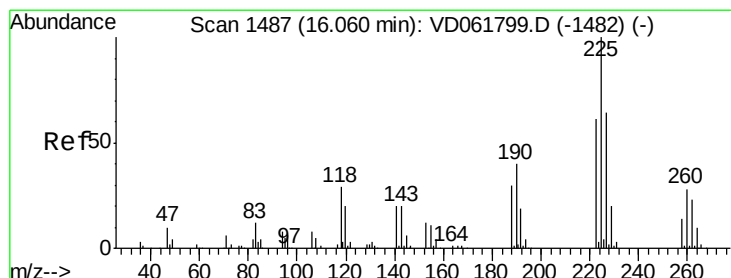
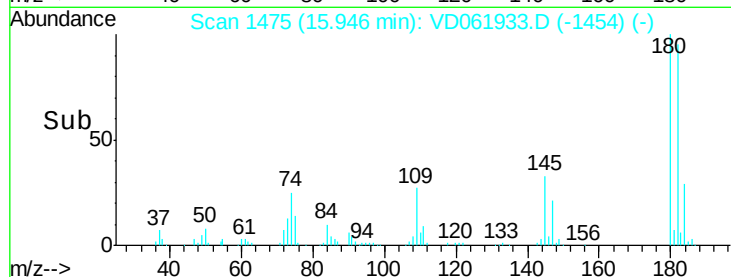
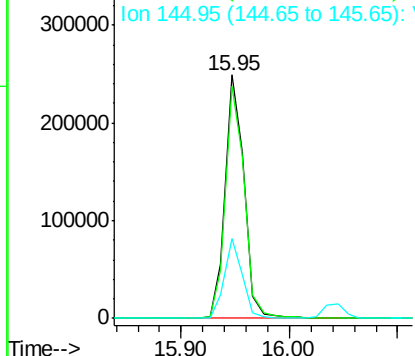
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.490 ug/l  
 RT: 15.95 min Scan# 1475  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:180 Resp: 302920  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 49.3 147.8  
 145 32.8 16.2 48.6

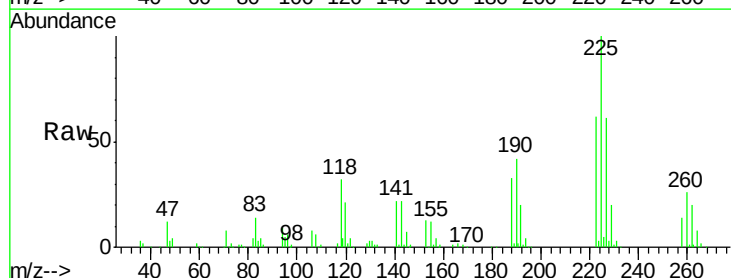


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

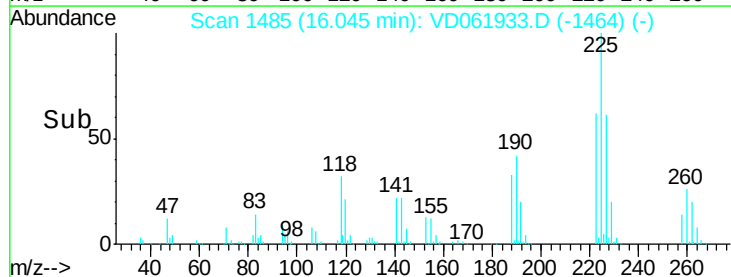
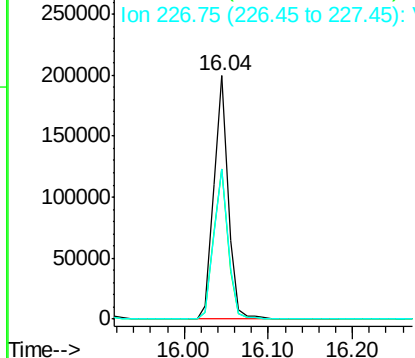


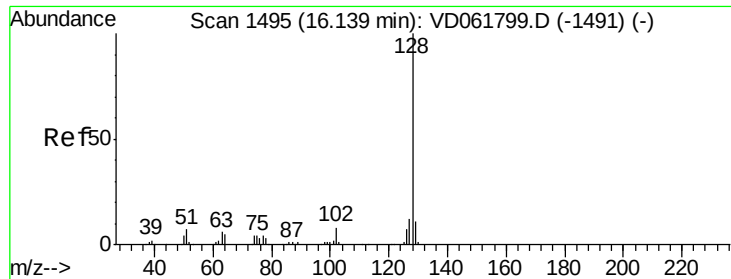
#94  
 Hexachlorobutadiene  
 Concen: 52.662 ug/l  
 RT: 16.04 min Scan# 1485  
 Delta R.T. 0.01 min  
 Lab File: VD061933.D  
 Acq: 22 Apr 2019 12:16

Tgt Ion:225 Resp: 238411  
 Ion Ratio Lower Upper  
 225 100  
 223 61.9 30.6 92.0  
 227 61.4 32.0 96.2



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: 52.137 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

Instrument :

MSVOA\_D

ClientSampleId :

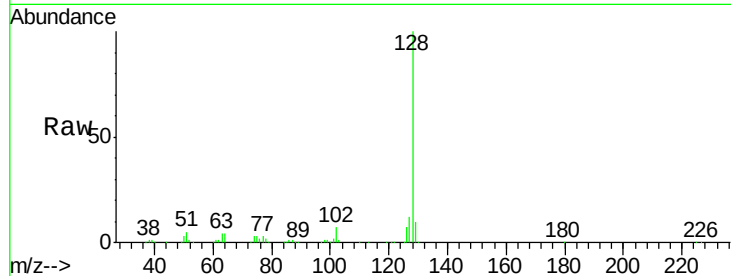
Tot Ion:128 Resp: 499214

Ion Ratio Lower Upper

128 100

127 11.8 9.8 14.8

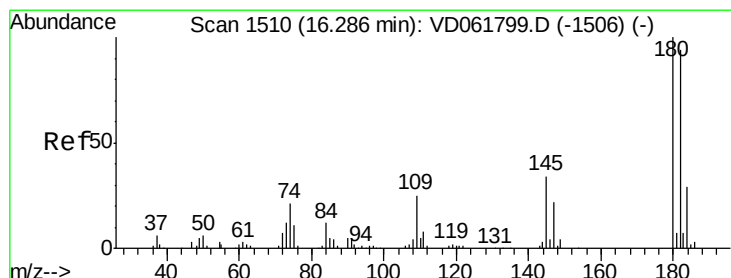
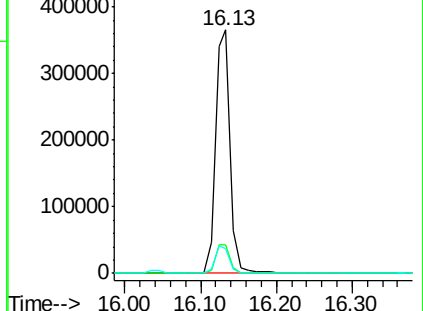
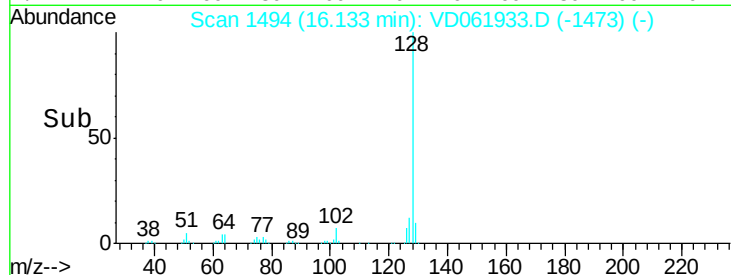
129 10.1 8.8 13.2



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: 45.973 ug/l

RT: 16.28 min Scan# 1509

Delta R.T. 0.02 min

Lab File: VD061933.D

Acq: 22 Apr 2019 12:16

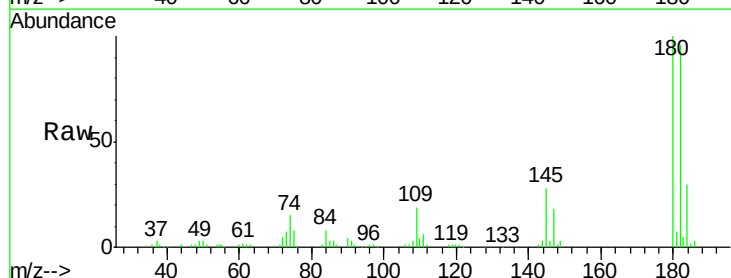
Tgt Ion:180 Resp: 163664

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.0

145 28.1 17.0 51.0



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

