

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110718\  
 Data File : VD060294.D  
 Acq On : 7 Nov 2018 12:00  
 Operator : JC/SY  
 Sample : VD1107SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1107SBS01

Quant Time: Nov 08 11:55:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110618S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 06 13:56:04 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 6.42  | 168  | 1655726  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 7.45  | 114  | 2220582  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.29 | 117  | 1758539  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.38 | 152  | 908823   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.79  | 65   | 593126   | 50.03 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.06% |          |
| 35) Dibromofluoromethane    | 6.33  | 113  | 848586   | 51.25 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.50% |          |
| 50) Toluene-d8              | 9.46  | 98   | 2402730  | 49.58 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.16%  |          |
| 62) 4-Bromofluorobenzene    | 12.43 | 95   | 891339   | 50.76 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.52% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.60 | 85   | 403581   | 29.167  | ug/l  | 94     |
| 3) Chloromethane              | 1.76 | 50   | 354088   | 22.577  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.86 | 62   | 293836   | 22.941  | ug/l  | 99     |
| 5) Bromomethane               | 2.16 | 94   | 54642    | 17.982  | ug/l  | 99     |
| 6) Chloroethane               | 2.27 | 64   | 83398    | 19.624  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 2.52 | 101  | 323502   | 21.423  | ug/l  | 95     |
| 8) Diethyl Ether              | 2.84 | 74   | 56954    | 20.832  | ug/l  | 84     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.10 | 101  | 216019   | 21.750  | ug/l  | 96     |
| 10) Methyl Iodide             | 3.26 | 142  | 270194   | 20.946  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.99 | 59   | 43829    | 90.031  | ug/l  | 96     |
| 12) 1,1-Dichloroethene        | 3.08 | 96   | 176409   | 21.836  | ug/l  | 96     |
| 13) Acrolein                  | 2.99 | 56   | 45479    | 79.062  | ug/l  | 96     |
| 14) Allyl chloride            | 3.55 | 41   | 322260   | 20.847  | ug/l  | 99     |
| 15) Acrylonitrile             | 4.10 | 53   | 293943   | 103.542 | ug/l  | 100    |
| 16) Acetone                   | 3.17 | 43   | 233516   | 113.554 | ug/l  | 98     |
| 17) Carbon Disulfide          | 3.33 | 76   | 550325   | 21.104  | ug/l  | 100    |
| 18) Methyl Acetate            | 3.56 | 43   | 75614    | 17.245  | ug/l  | 94     |
| 19) Methyl tert-butyl Ether   | 4.14 | 73   | 511629   | 21.149  | ug/l  | 99     |
| 20) Methylene Chloride        | 3.73 | 84   | 371961   | 20.390  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 4.12 | 96   | 382131   | 21.303  | ug/l  | 98     |
| 22) Diisopropyl ether         | 4.86 | 45   | 1207275  | 20.905  | ug/l  | 95     |
| 23) Vinyl Acetate             | 4.81 | 43   | 3048088  | 106.071 | ug/l  | 98     |
| 24) 1,1-Dichloroethane        | 4.77 | 63   | 618218   | 20.875  | ug/l  | 100    |
| 25) 2-Butanone                | 5.63 | 43   | 459620   | 107.529 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 5.60 | 77   | 500415   | 21.734  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 5.60 | 96   | 386352   | 20.674  | ug/l  | 95     |
| 28) Bromochloromethane        | 5.94 | 49   | 265617   | 20.327  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 5.97 | 42   | 229012   | 101.621 | ug/l  | 98     |
| 30) Chloroform                | 6.11 | 83   | 624504   | 21.094  | ug/l  | 100    |
| 31) Cyclohexane               | 6.38 | 56   | 594798   | 21.013  | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 6.30 | 97   | 520148   | 20.857  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 6.54 | 75   | 489971   | 22.334  | ug/l  | 99     |
| 37) Ethyl Acetate             | 5.71 | 43   | 204178   | 20.225  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 6.51 | 117  | 458522   | 22.531  | ug/l  | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110718\  
 Data File : VD060294.D  
 Acq On : 7 Nov 2018 12:00  
 Operator : JC/SY  
 Sample : VD1107SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1107SBS01

Quant Time: Nov 08 11:55:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110618S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 06 13:56:04 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.04  | 83   | 547131   | 21.683  | ug/l   | 99       |
| 40) Benzene                    | 6.80  | 78   | 1229266  | 21.951  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.96  | 41   | 243493   | 21.074  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.90  | 62   | 310201   | 21.163  | ug/l   | 95       |
| 43) Isopropyl Acetate          | 8.36  | 43   | 257887   | 20.337  | ug/l # | 96       |
| 44) Trichloroethene            | 7.75  | 130  | 370064   | 21.800  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 8.11  | 63   | 301624   | 21.356  | ug/l   | 95       |
| 46) Dibromomethane             | 8.23  | 93   | 173903   | 21.024  | ug/l   | 91       |
| 47) Bromodichloromethane       | 8.51  | 83   | 418070   | 21.448  | ug/l   | 100      |
| 48) Methyl methacrylate        | 8.26  | 41   | 156960   | 20.378  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 8.23  | 88   | 27053    | 405.926 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone       | 9.35  | 43   | 884278   | 107.141 | ug/l   | 100      |
| 52) Toluene                    | 9.56  | 92   | 789065   | 22.058  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.92  | 75   | 342953   | 20.823  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.12  | 75   | 444024   | 21.020  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.19 | 97   | 213594   | 20.601  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.04 | 69   | 205156   | 21.521  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.39 | 76   | 330562   | 20.924  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.93  | 63   | 630918   | 109.457 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.49 | 43   | 687155   | 116.813 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.65 | 129  | 270374   | 21.453  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.77 | 107  | 222080   | 21.378  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.26 | 164  | 349060   | 22.234  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.32 | 112  | 832243   | 21.842  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.43 | 131  | 277350   | 22.247  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.44 | 91   | 1475880  | 22.643  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.58 | 106  | 1078612  | 44.860  | ug/l   | 98       |
| 69) o-Xylene                   | 11.94 | 106  | 498099   | 21.443  | ug/l   | 98       |
| 70) Styrene                    | 11.96 | 104  | 828840   | 22.079  | ug/l   | 96       |
| 71) Bromoform                  | 12.13 | 173  | 172465   | 20.587  | ug/l   | 98       |
| 73) Isopropylbenzene           | 12.28 | 105  | 1454894  | 21.972  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.14 | 43   | 347670   | 20.480  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.57 | 83   | 221430   | 20.448  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.60 | 75   | 224914   | 20.688  | ug/l   | 100      |
| 77) Bromobenzene               | 12.55 | 156  | 374660   | 21.302  | ug/l   | 92       |
| 78) n-propylbenzene            | 12.64 | 91   | 1827624  | 22.113  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 12.71 | 91   | 1005721  | 22.218  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 12.80 | 105  | 1119337  | 21.752  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.34 | 75   | 63851    | 20.629  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.82 | 91   | 1128762  | 22.199  | ug/l   | 94       |
| 83) tert-Butylbenzene          | 13.05 | 119  | 1269280  | 22.217  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.10 | 105  | 1138446  | 22.152  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 13.23 | 105  | 1554518  | 22.178  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 13.35 | 119  | 1230767  | 21.805  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.32 | 146  | 674388   | 21.551  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 13.40 | 146  | 653256   | 21.375  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.65 | 91   | 1246709  | 20.091  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.86 | 117  | 285201   | 21.308  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 560261   | 21.798  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.23 | 75   | 25842    | 19.769  | ug/l   | 91       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110718\  
Data File : VD060294.D  
Acq On : 7 Nov 2018 12:00  
Operator : JC/SY  
Sample : VD1107SBS01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

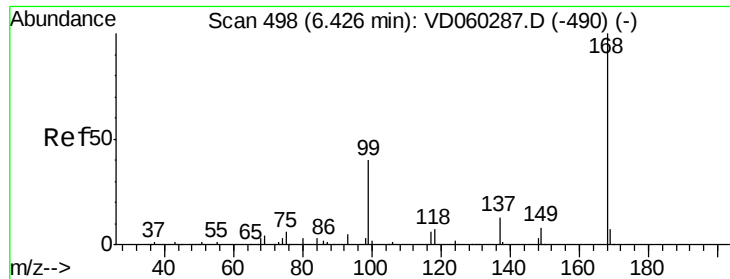
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

Quant Time: Nov 08 11:55:57 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D110618S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 06 13:56:04 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.79 | 180  | 420823   | 20.650 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.88 | 225  | 328590   | 21.557 | ug/l  | 99       |
| 95) Naphthalene            | 14.97 | 128  | 500541   | 20.115 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.12 | 180  | 326991   | 20.024 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

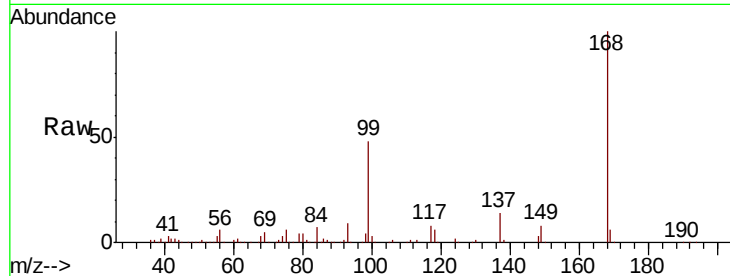
VD1107SBS01

Tot Ion:168 Resp: 1655726

Ion Ratio Lower Upper

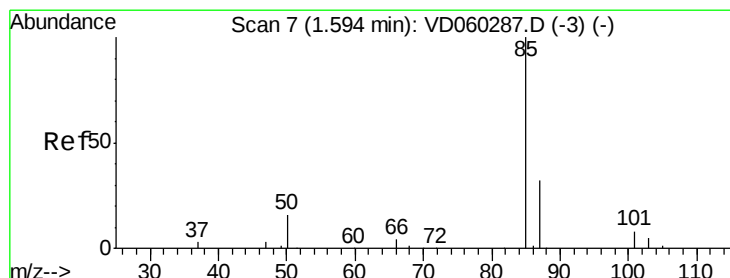
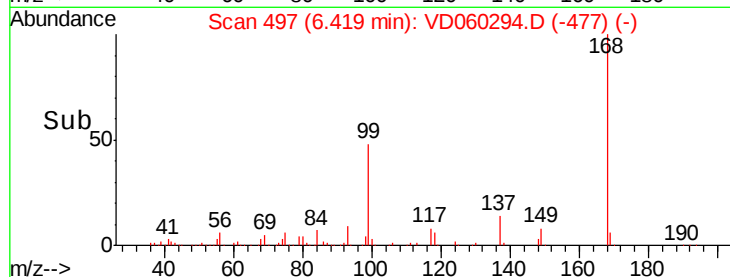
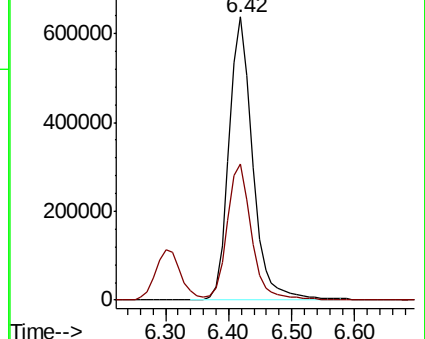
168 100

99 48.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 29.167 ug/l

RT: 1.60 min Scan# 7

Delta R.T. 0.00 min

Lab File: VD060294.D

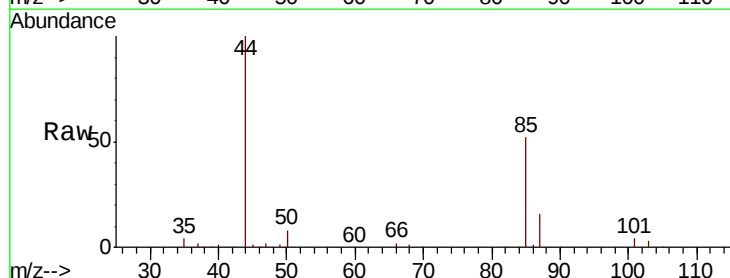
Acq: 7 Nov 2018 12:00

Tgt Ion: 85 Resp: 403581

Ion Ratio Lower Upper

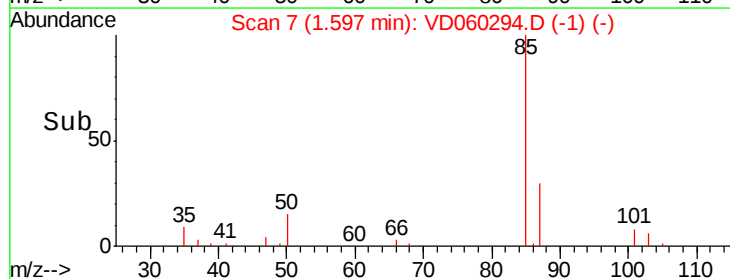
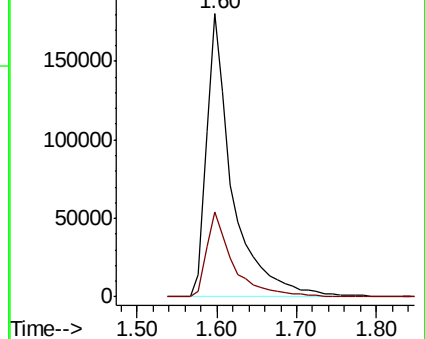
85 100

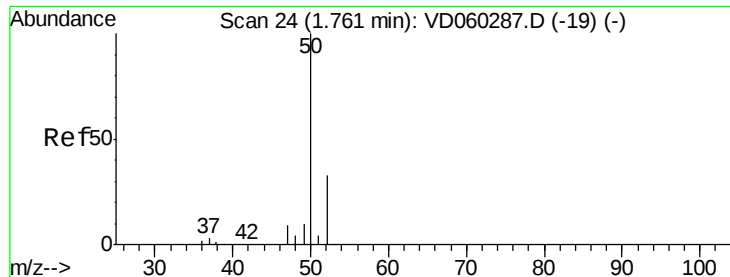
87 29.9 16.8 50.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 22.577 ug/l

RT: 1.76 min Scan# 24

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

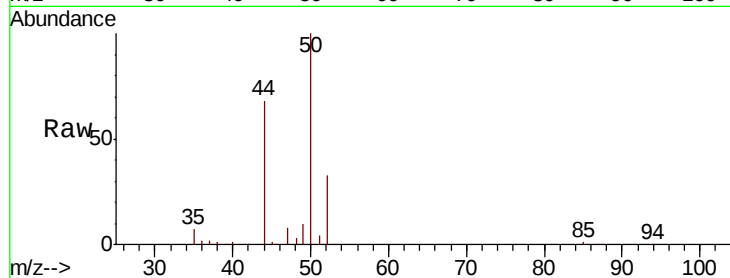
VD1107SBS01

Tot Ion: 50 Resp: 354088

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.76

150000

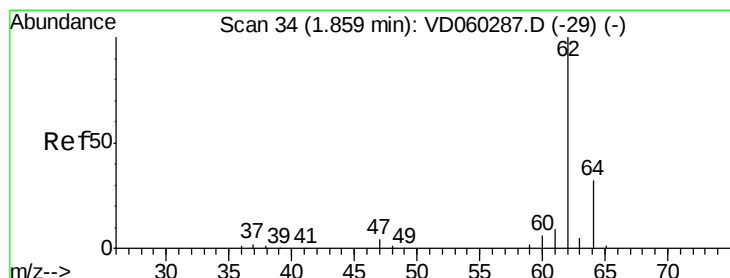
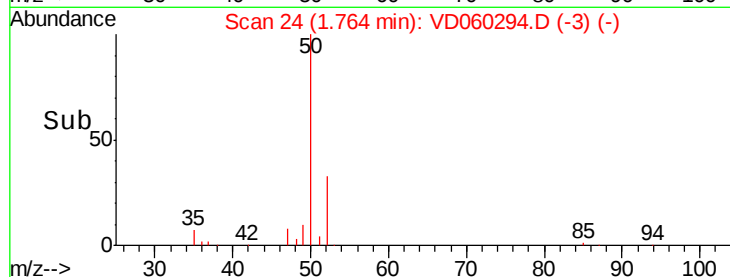
100000

50000

0

1.70 1.80 1.90

Time-->



#4

Vinyl Chloride

Concen: 22.941 ug/l

RT: 1.86 min Scan# 34

Delta R.T. 0.00 min

Lab File: VD060294.D

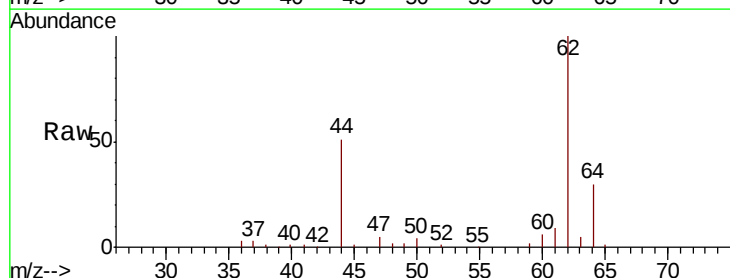
Acq: 7 Nov 2018 12:00

Tgt Ion: 62 Resp: 293836

Ion Ratio Lower Upper

62 100

64 30.3 24.9 37.3



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.86

150000

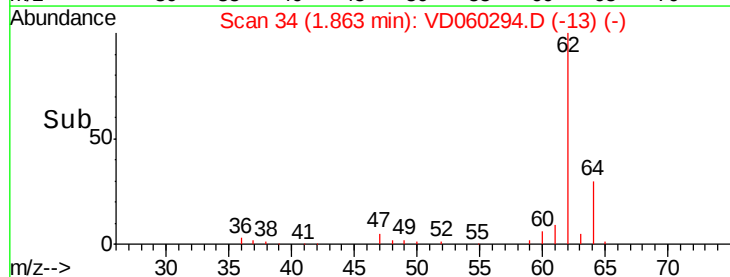
100000

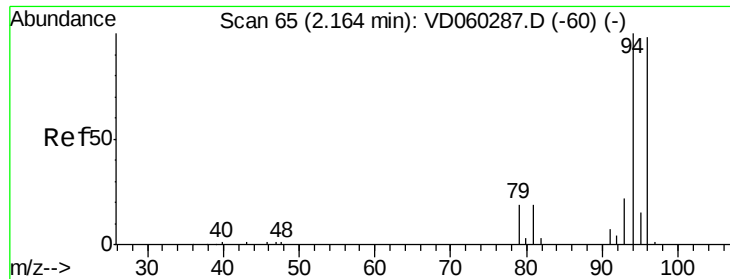
50000

0

1.80 1.90 2.00

Time-->





#5

Bromomethane

Concen: 17.982 ug/l

RT: 2.16 min Scan# 64

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

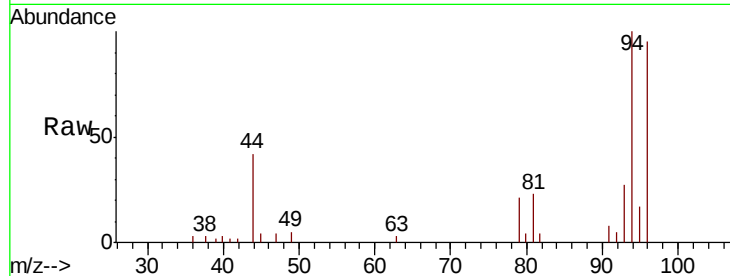
VD1107SBS01

Tot Ion: 94 Resp: 54642

Ion Ratio Lower Upper

94 100

96 94.7 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.16

20000

15000

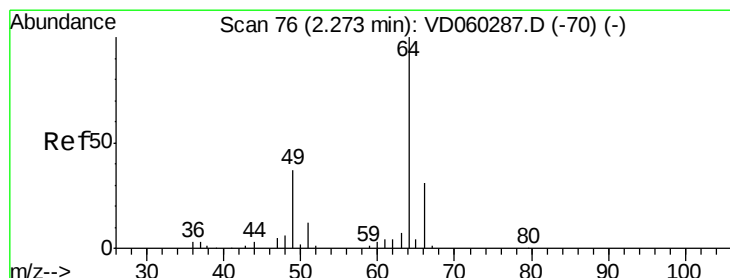
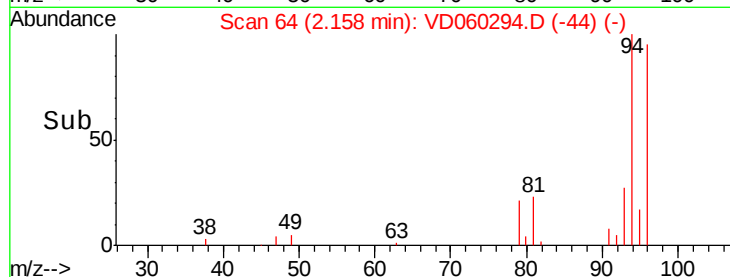
10000

5000

0

Time-->

2.00 2.10 2.20 2.30 2.40



#6

Chloroethane

Concen: 19.624 ug/l

RT: 2.27 min Scan# 75

Delta R.T. -0.01 min

Lab File: VD060294.D

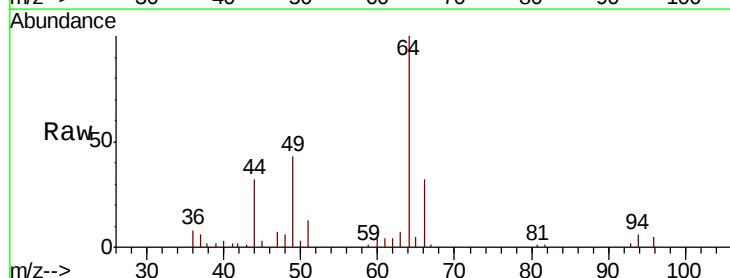
Acq: 7 Nov 2018 12:00

Tgt Ion: 64 Resp: 83398

Ion Ratio Lower Upper

64 100

66 32.2 26.6 40.0



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.27

30000

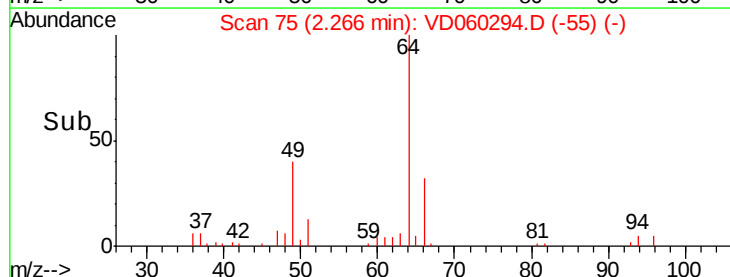
20000

10000

0

Time-->

2.20 2.30 2.40 2.50



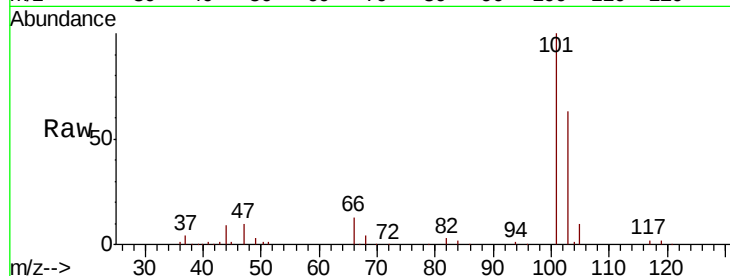


#7

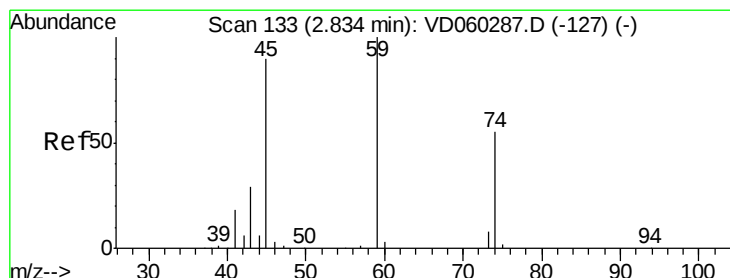
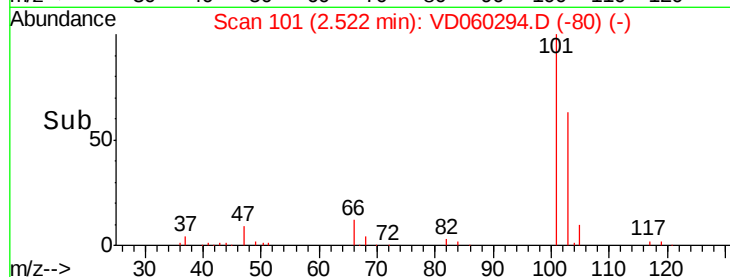
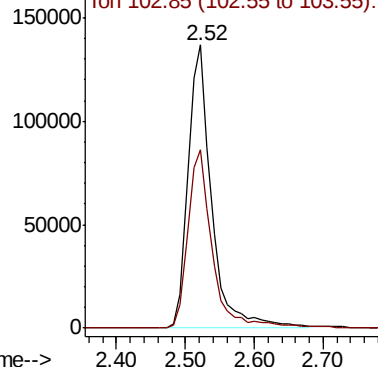
Trichlorofluoromethane  
 Concen: 21.423 ug/l  
 RT: 2.52 min Scan# 101  
 Delta R.T. 0.00 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1107SBS01

Tot Ion:101 Resp: 323502  
 Ion Ratio Lower Upper  
 101 100  
 103 62.8 53.6 80.4



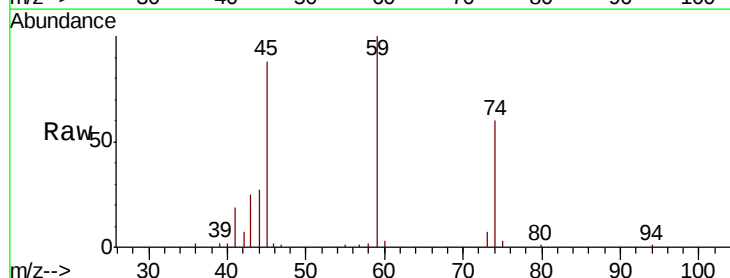
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



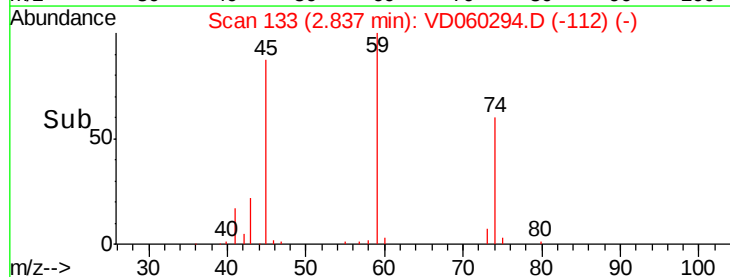
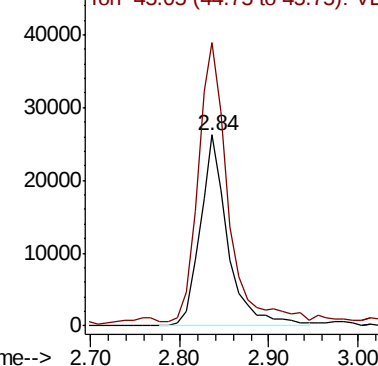
#8

Diethyl Ether  
 Concen: 20.832 ug/l  
 RT: 2.84 min Scan# 133  
 Delta R.T. 0.00 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

Tgt Ion: 74 Resp: 56954  
 Ion Ratio Lower Upper  
 74 100  
 45 148.4 84.8 254.4



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: 21.750 ug/l

RT: 3.10 min Scan# 160

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1107SBS01

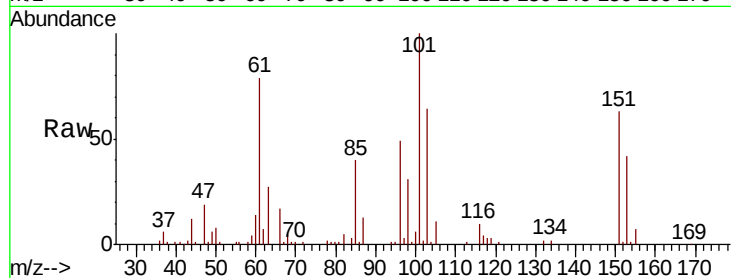
Tot Ion:101 Resp: 216019

Ion Ratio Lower Upper

101 100

85 40.3 31.4 47.0

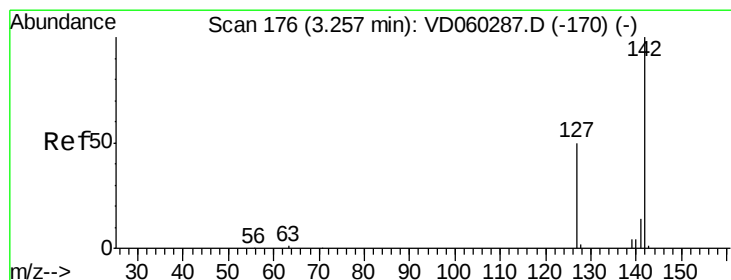
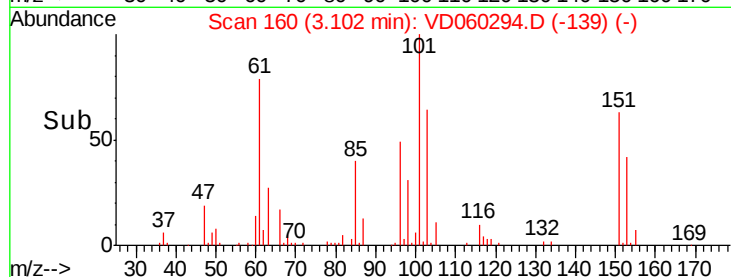
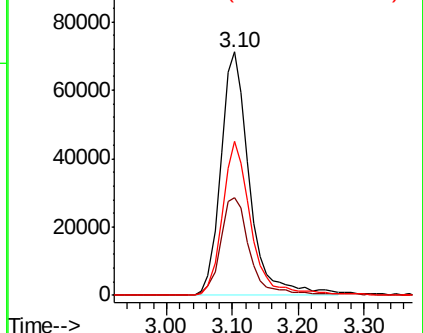
151 63.1 47.4 71.0



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: 20.946 ug/l

RT: 3.26 min Scan# 176

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

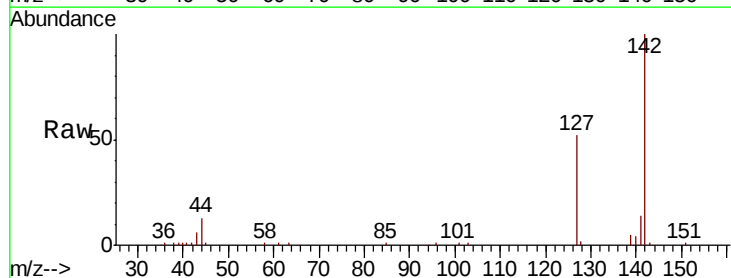
Tgt Ion:142 Resp: 270194

Ion Ratio Lower Upper

142 100

127 51.8 41.0 61.6

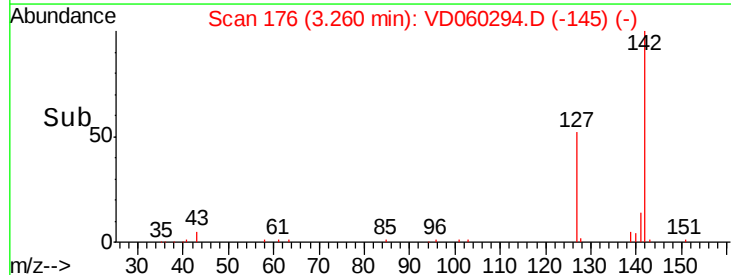
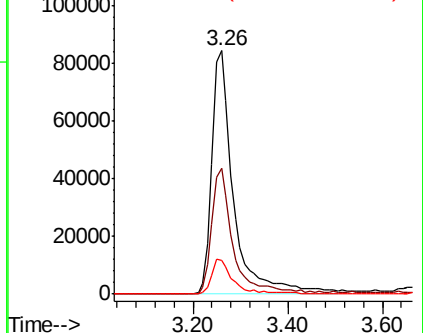
141 14.0 11.9 17.9

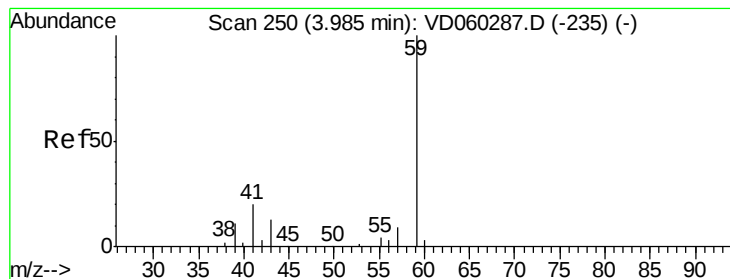


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



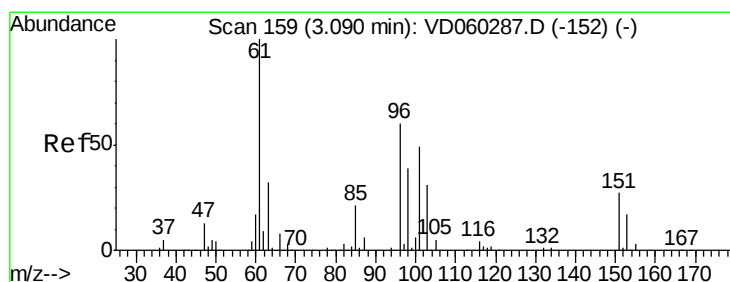
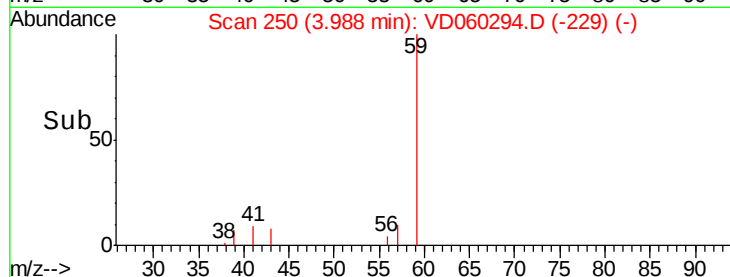
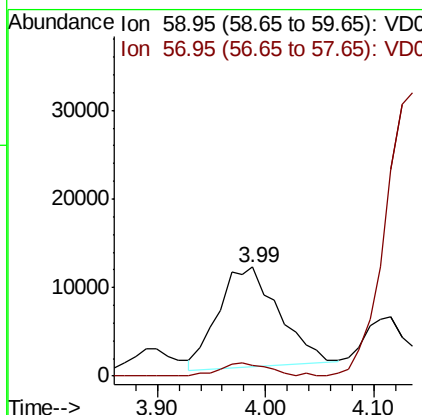
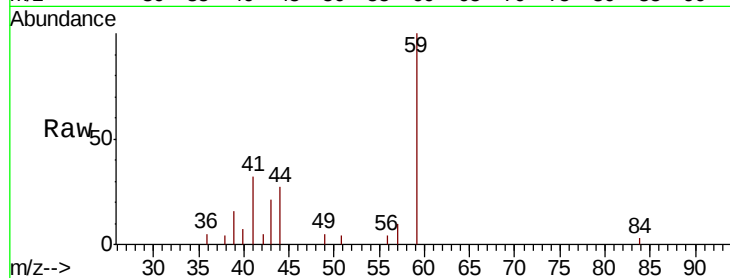


#11

Tert butyl alcohol  
 Concen: 90.031 ug/l  
 RT: 3.99 min Scan# 250  
 Delta R.T. 0.00 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1107SBS01

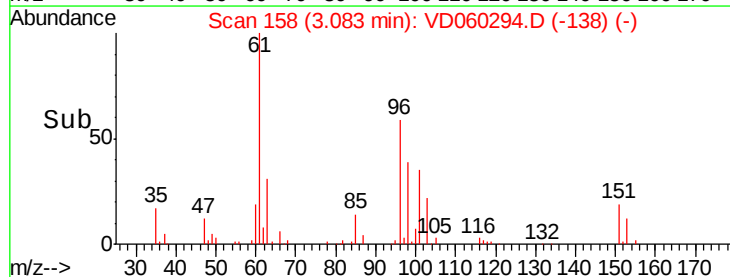
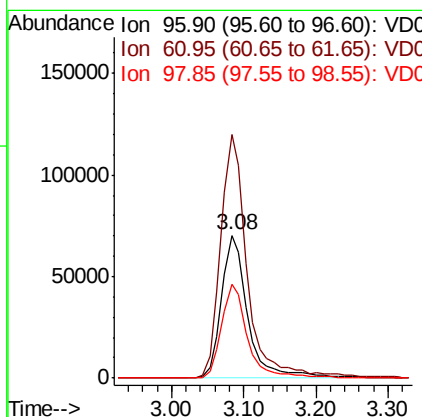
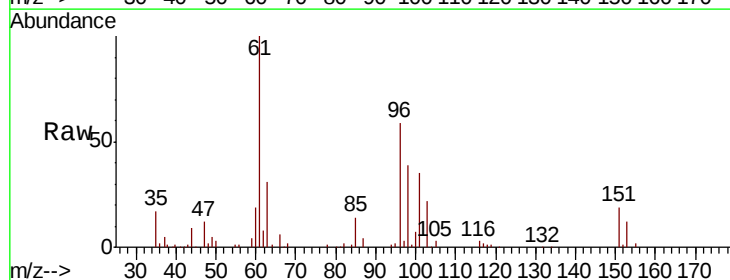
Tot Ion: 59 Resp: 43829  
 Ion Ratio Lower Upper  
 59 100  
 57 9.9 9.3 13.9

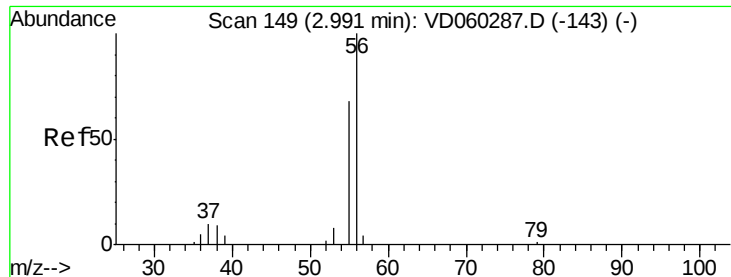


#12

1,1-Dichloroethene  
 Concen: 21.836 ug/l  
 RT: 3.08 min Scan# 158  
 Delta R.T. -0.01 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

Tgt Ion: 96 Resp: 176409  
 Ion Ratio Lower Upper  
 96 100  
 61 170.9 142.2 213.4  
 98 66.1 52.6 79.0





#13

Acrolein

Concen: 79.062 ug/l

RT: 2.99 min Scan# 149

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

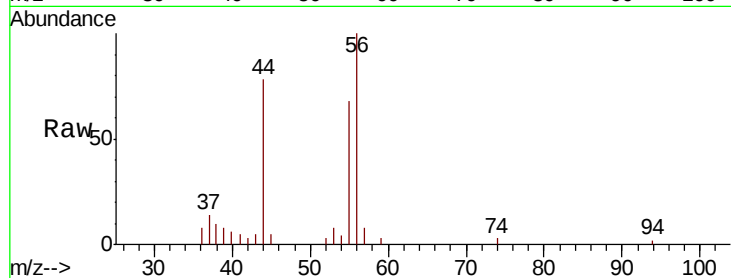
VD1107SBS01

Tot Ion: 56 Resp: 45479

Ion Ratio Lower Upper

56 100

55 67.8 57.0 85.6



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

2.99

15000

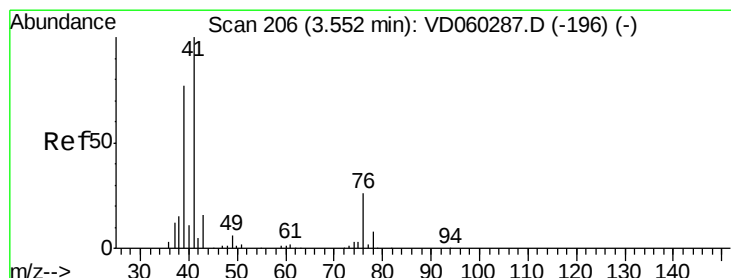
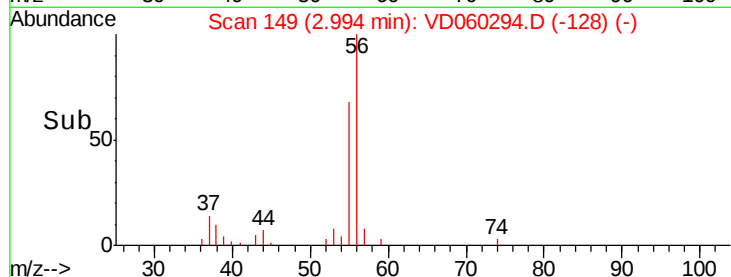
10000

5000

0

Time-->

2.90 3.00 3.10 3.20



#14

Allyl chloride

Concen: 20.847 ug/l

RT: 3.55 min Scan# 205

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

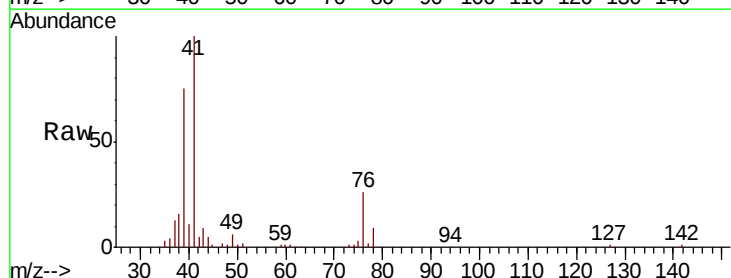
Tgt Ion: 41 Resp: 322260

Ion Ratio Lower Upper

41 100

39 75.1 60.4 90.6

76 26.2 21.8 32.8



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

3.55

150000

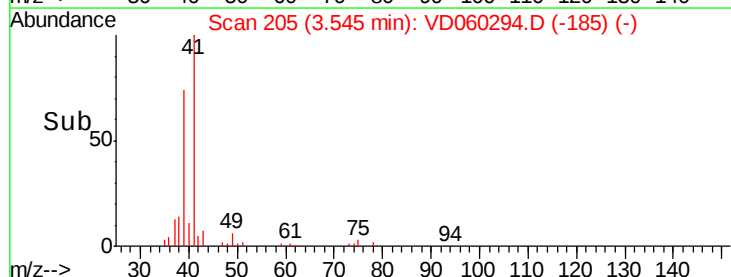
100000

50000

0

Time-->

3.40 3.50 3.60





#15

Acrylonitrile

Concen: 103.542 ug/l

RT: 4.10 min Scan# 261

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1107SBS01

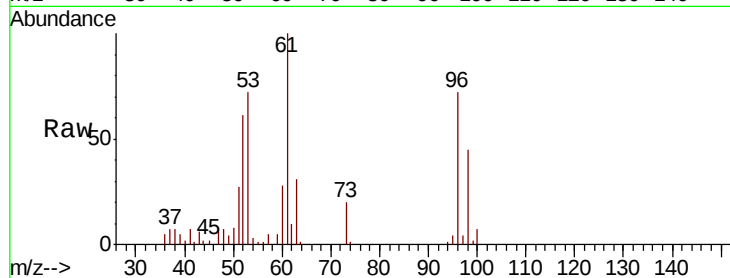
Tot Ion: 53 Resp: 293943

Ion Ratio Lower Upper

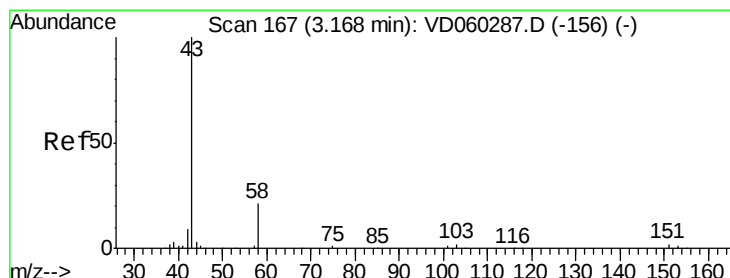
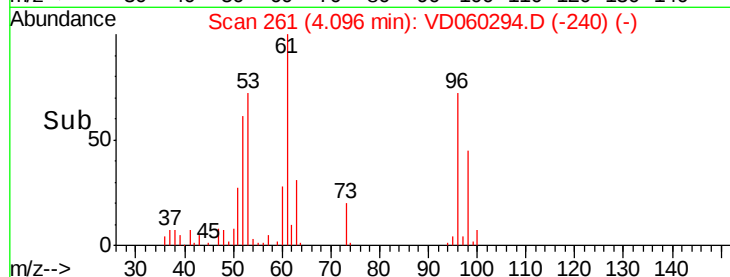
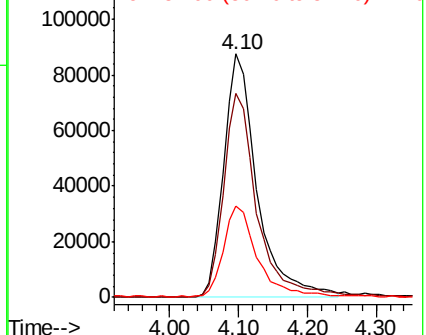
53 100

52 83.8 67.0 100.4

51 37.3 29.9 44.9



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



#16

Acetone

Concen: 113.554 ug/l

RT: 3.17 min Scan# 167

Delta R.T. 0.00 min

Lab File: VD060294.D

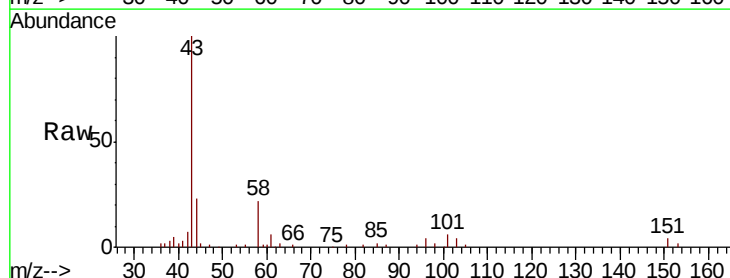
Acq: 7 Nov 2018 12:00

Tgt Ion: 43 Resp: 233516

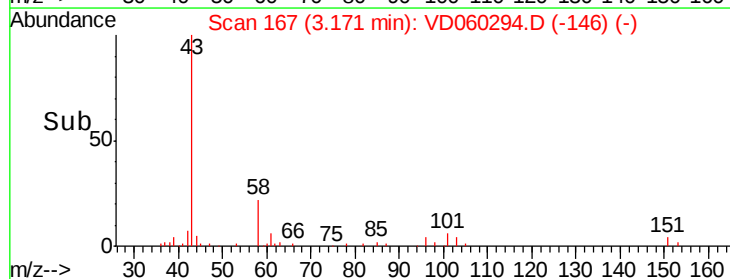
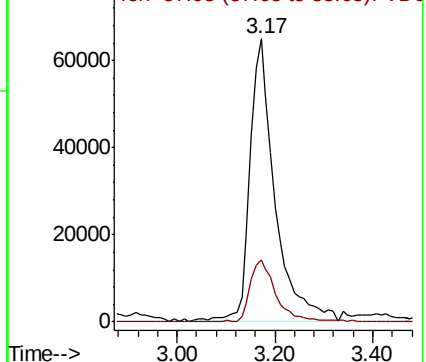
Ion Ratio Lower Upper

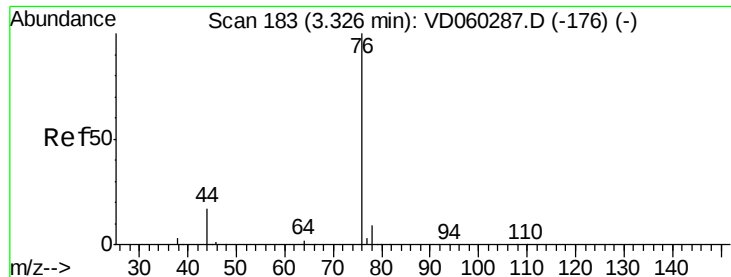
43 100

58 22.0 16.9 25.3



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

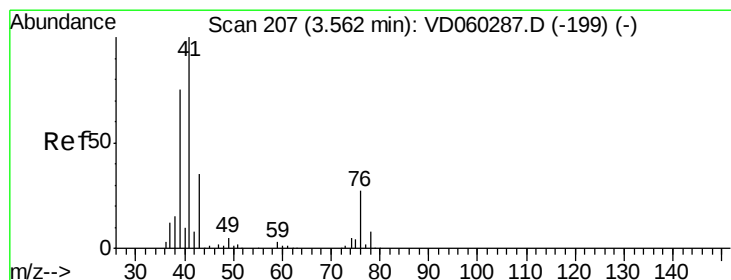
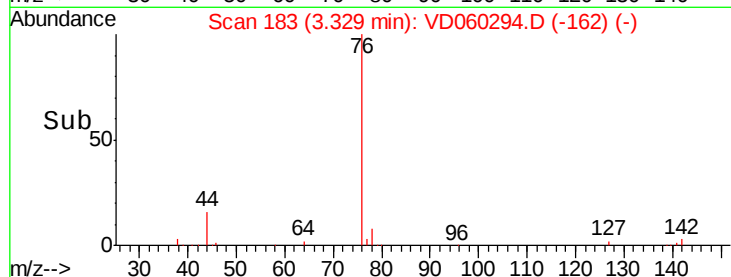
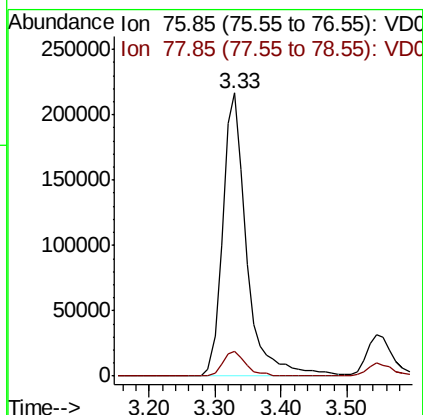
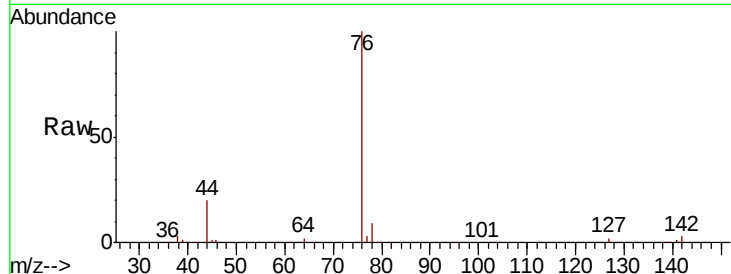




#17  
Carbon Disulfide  
Concen: 21.104 ug/l  
RT: 3.33 min Scan# 183  
Delta R.T. 0.00 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

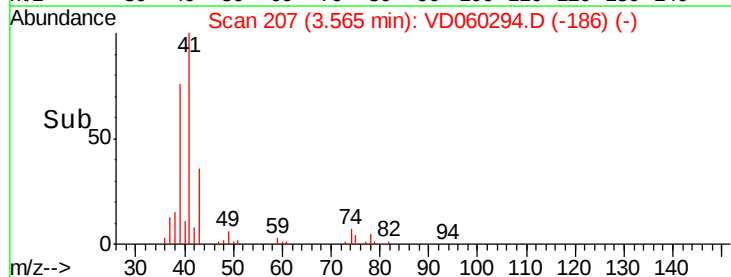
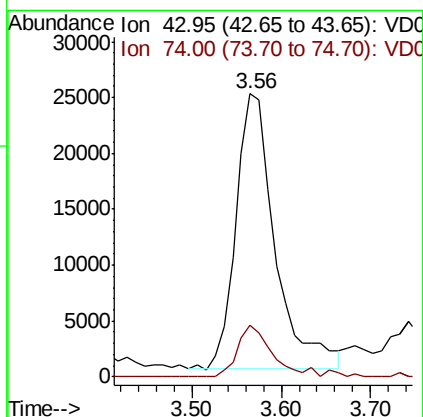
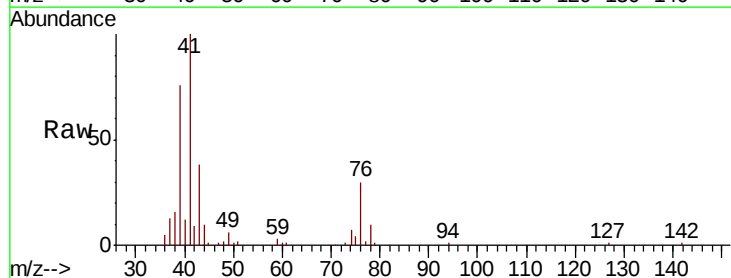
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

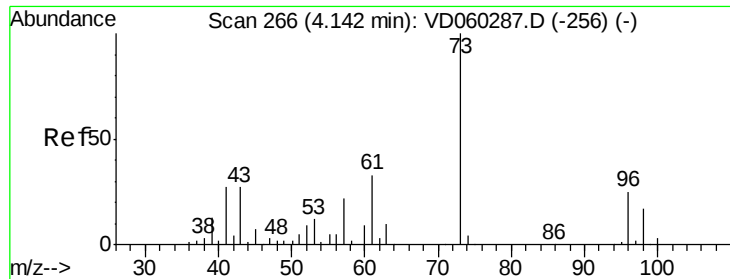
Tot Ion: 76 Resp: 550325  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.0 10.4



#18  
Methyl Acetate  
Concen: 17.245 ug/l  
RT: 3.56 min Scan# 207  
Delta R.T. 0.00 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion: 43 Resp: 75614  
Ion Ratio Lower Upper  
43 100  
74 18.1 12.4 18.6



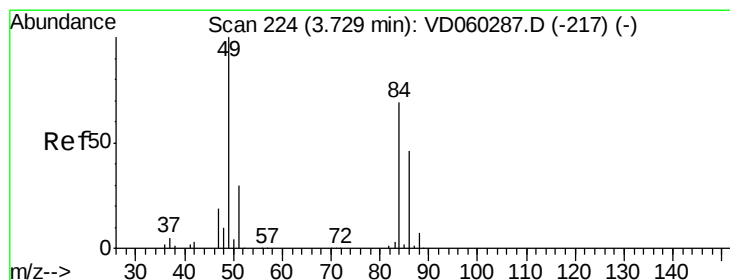
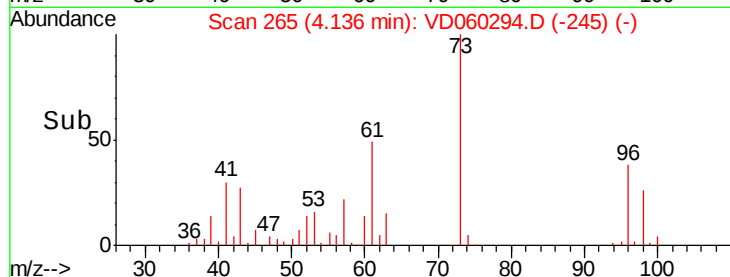
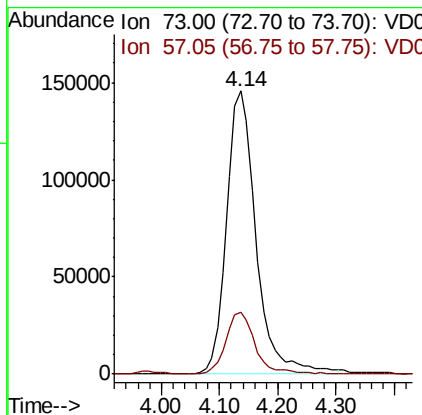
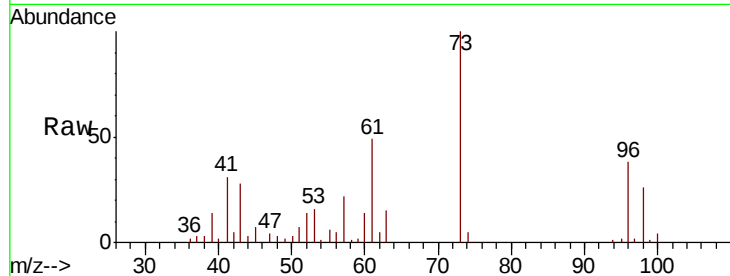


#19

Methyl tert-butyl Ether  
 Concen: 21.149 ug/l  
 RT: 4.14 min Scan# 265  
 Delta R.T. -0.01 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1107SBS01

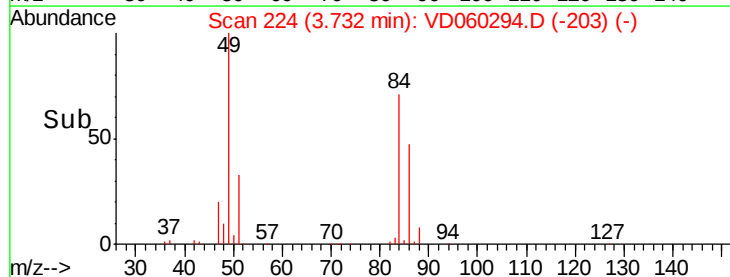
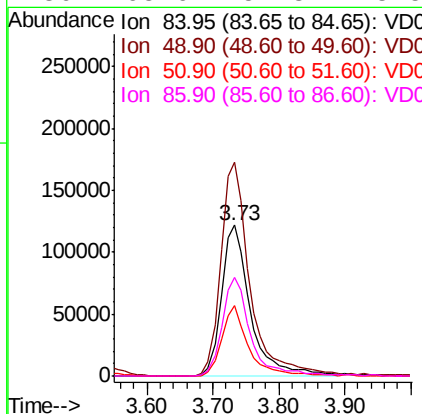
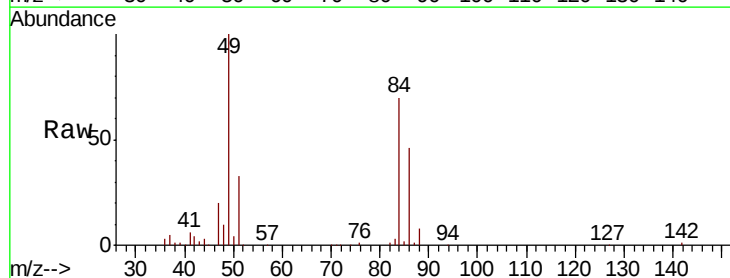
Tot Ion: 73 Resp: 511629  
 Ion Ratio Lower Upper  
 73 100  
 57 21.9 18.1 27.1

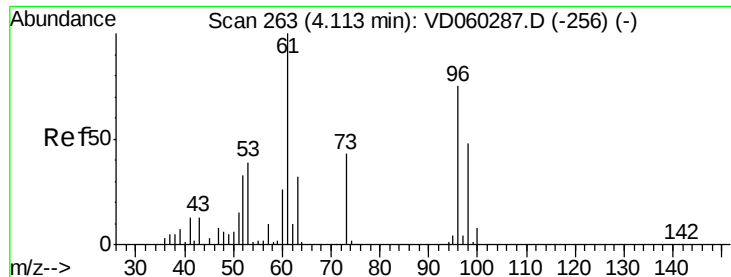


#20

Methylene Chloride  
 Concen: 20.390 ug/l  
 RT: 3.73 min Scan# 224  
 Delta R.T. 0.00 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

Tgt Ion: 84 Resp: 371961  
 Ion Ratio Lower Upper  
 84 100  
 49 141.9 115.6 173.4  
 51 46.7 35.6 53.4  
 86 65.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 21.303 ug/l

RT: 4.12 min Scan# 263

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1107SBS01

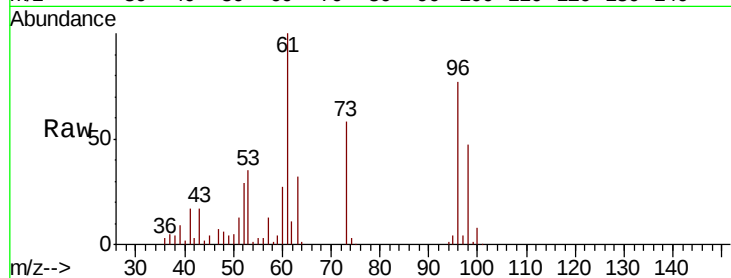
Tot Ion: 96 Resp: 382131

Ion Ratio Lower Upper

96 100

61 130.0 105.8 158.6

98 61.6 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

200000

150000

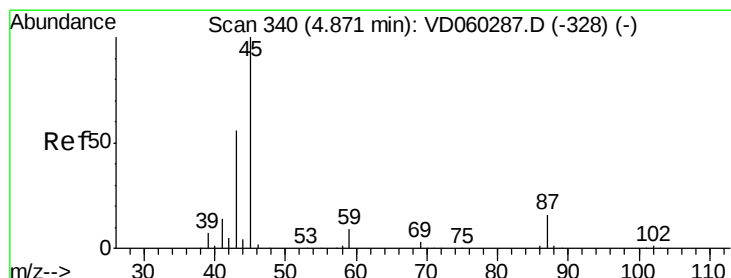
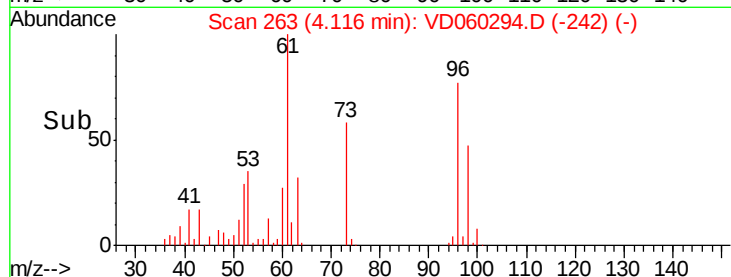
100000

50000

0

4.00 4.10 4.20 4.30

Time-->



#22

Diisopropyl ether

Concen: 20.905 ug/l

RT: 4.86 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Tgt Ion: 45 Resp: 1207275

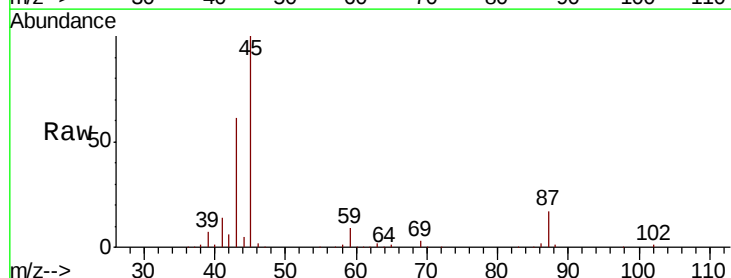
Ion Ratio Lower Upper

45 100

43 61.2 44.9 67.3

87 16.9 13.9 20.9

59 8.7 7.0 10.6



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

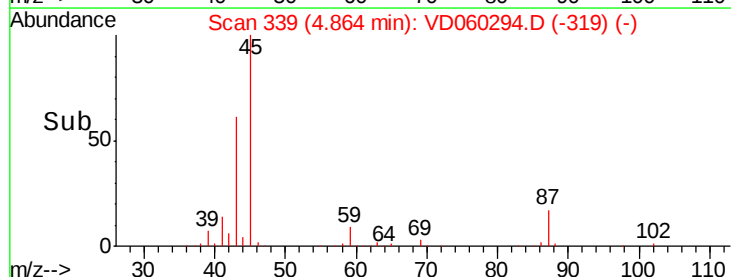
1000000

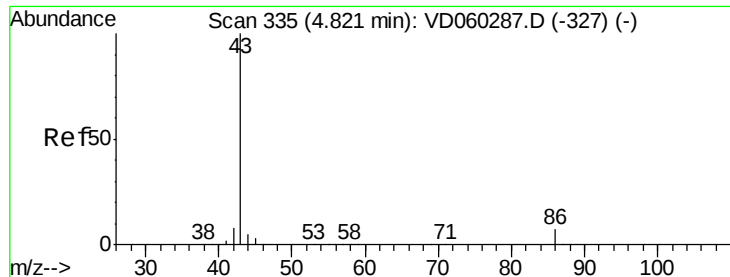
500000

0

4.70 4.80 4.90 5.00 5.10

Time-->





#23

Vinyl Acetate

Concen: 106.071 ug/l

RT: 4.81 min Scan# 334

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

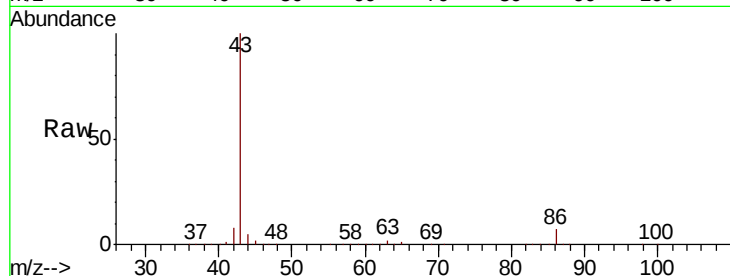
VD1107SBS01

Tot Ion: 43 Resp: 3048088

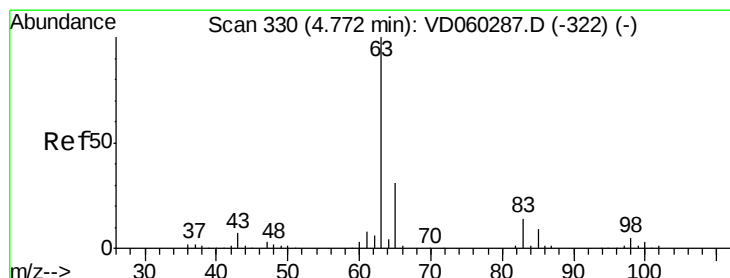
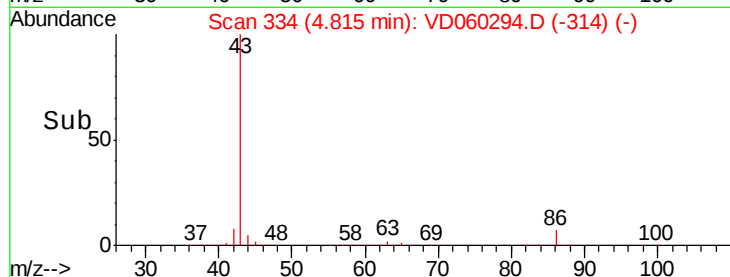
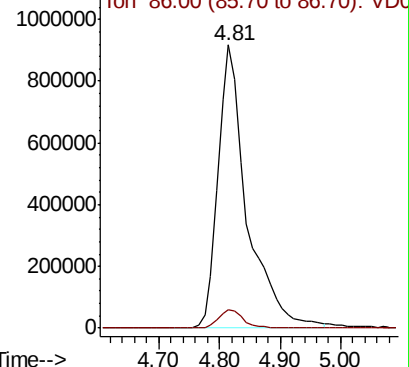
Ion Ratio Lower Upper

43 100

86 6.6 5.7 8.5



Abundance Ion 42.95 (42.65 to 43.65): VD060287.D (-327) (-)



#24

1,1-Dichloroethane

Concen: 20.875 ug/l

RT: 4.77 min Scan# 329

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

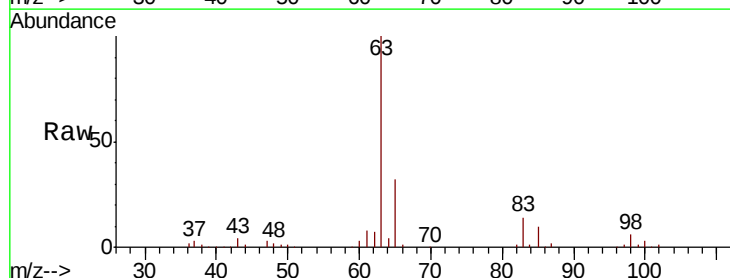
Tgt Ion: 63 Resp: 618218

Ion Ratio Lower Upper

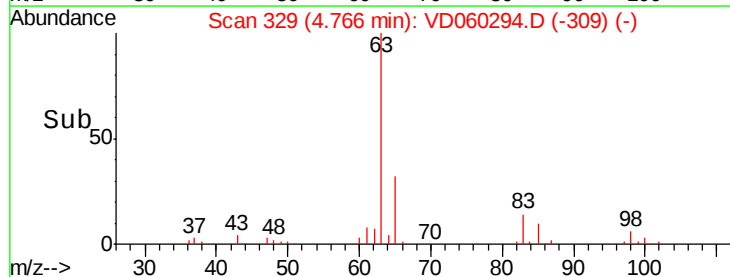
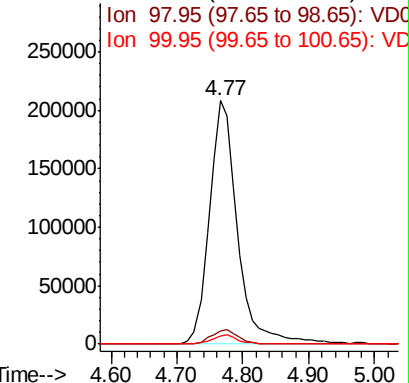
63 100

98 5.7 2.8 8.4

100 3.4 1.8 5.5



Abundance Ion 62.95 (62.65 to 63.65): VD060287.D (-322) (-)





#25

2-Butanone

Concen: 107.529 ug/l

RT: 5.63 min Scan# 417

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

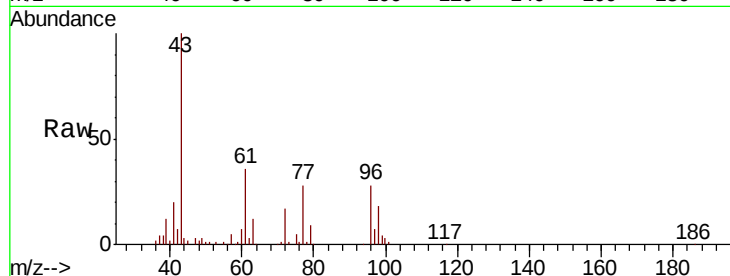
VD1107SBS01

Tot Ion: 43 Resp: 459620

Ion Ratio Lower Upper

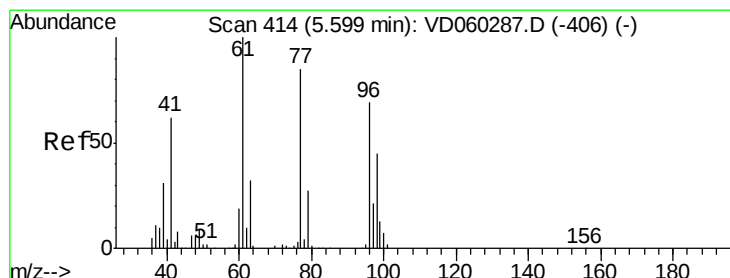
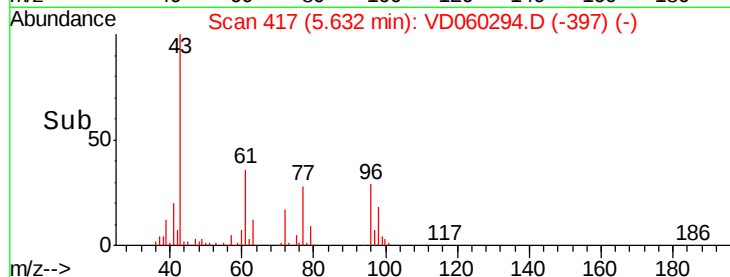
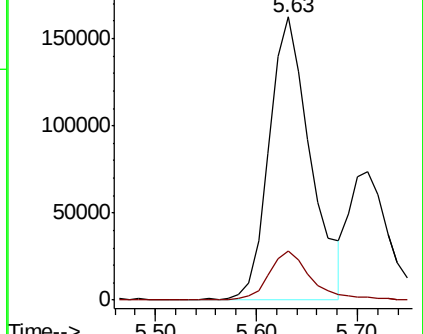
43 100

72 17.2 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.734 ug/l

RT: 5.60 min Scan# 414

Delta R.T. 0.00 min

Lab File: VD060294.D

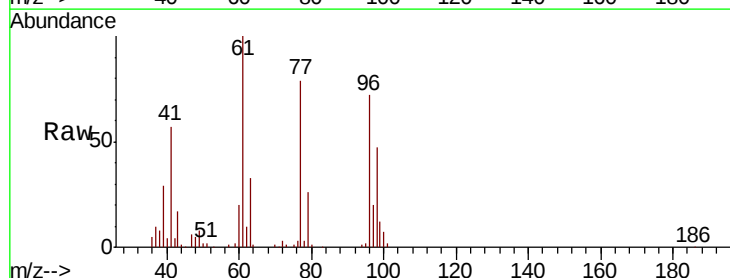
Acq: 7 Nov 2018 12:00

Tgt Ion: 77 Resp: 500415

Ion Ratio Lower Upper

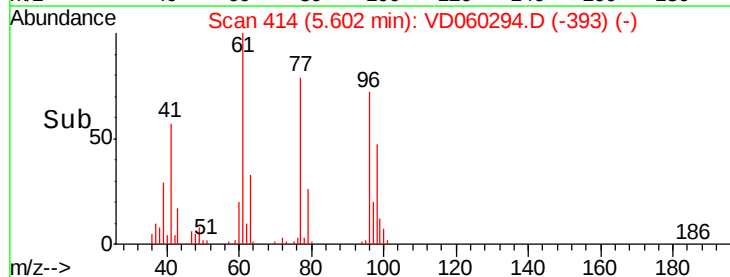
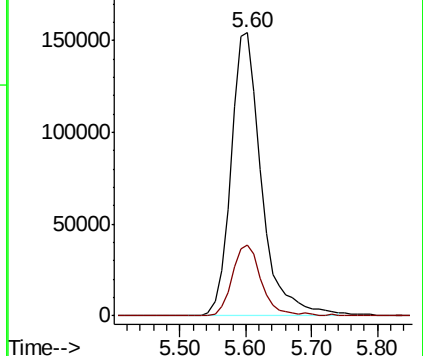
77 100

97 25.0 12.6 37.8



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



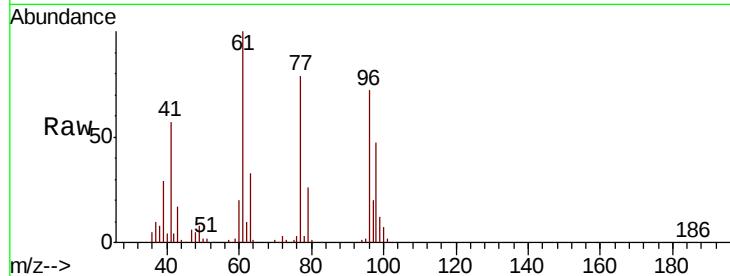


#27

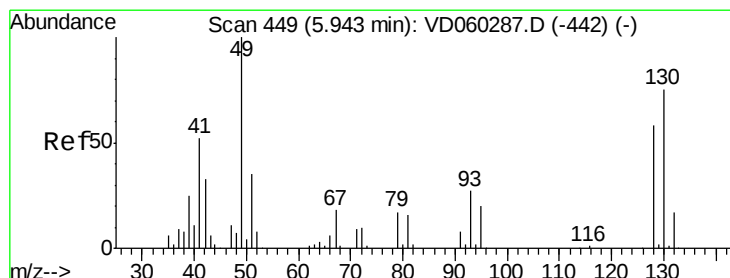
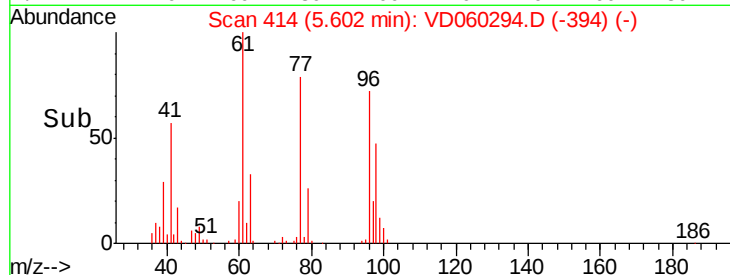
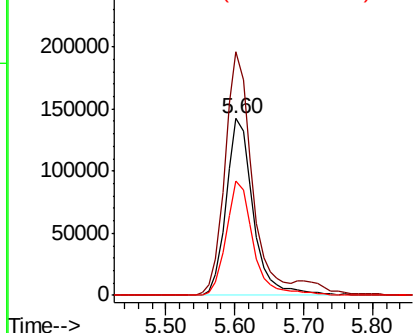
cis-1,2-Dichloroethene  
Concen: 20.674 ug/l  
RT: 5.60 min Scan# 414  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

Tot Ion: 96 Resp: 386352  
Ion Ratio Lower Upper  
96 100  
61 138.0 0.0 259.0  
98 65.0 0.0 128.8



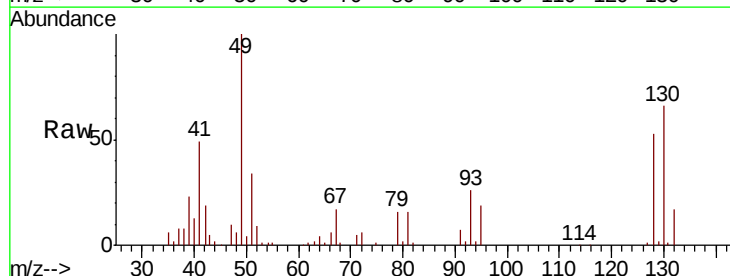
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



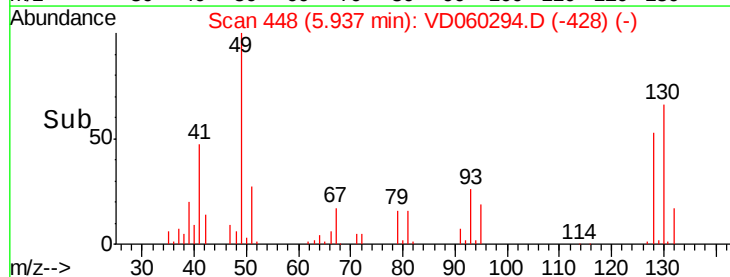
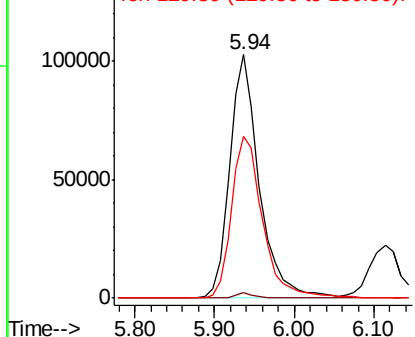
#28

Bromochloromethane  
Concen: 20.327 ug/l  
RT: 5.94 min Scan# 448  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion: 49 Resp: 265617  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 2.8  
130 66.3 53.6 80.4



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

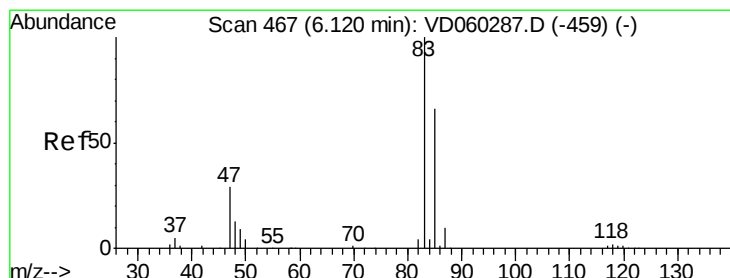
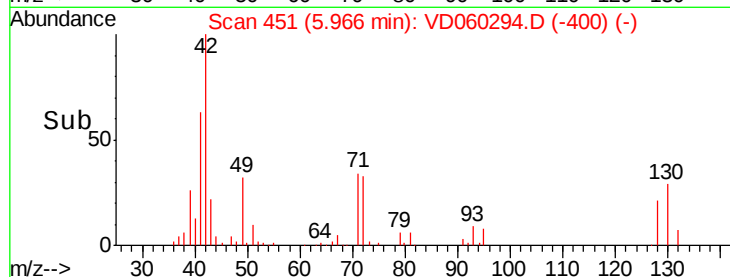
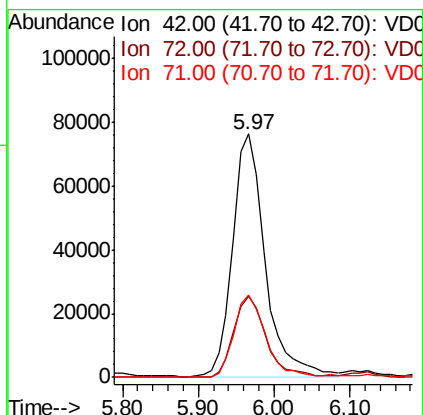
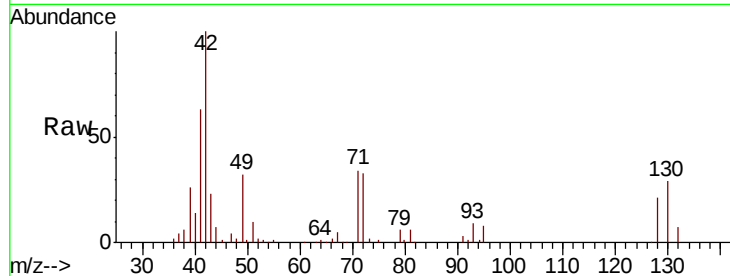




#29  
Tetrahydrofuran  
Concen: 101.621 ug/l  
RT: 5.97 min Scan# 451  
Delta R.T. 0.00 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

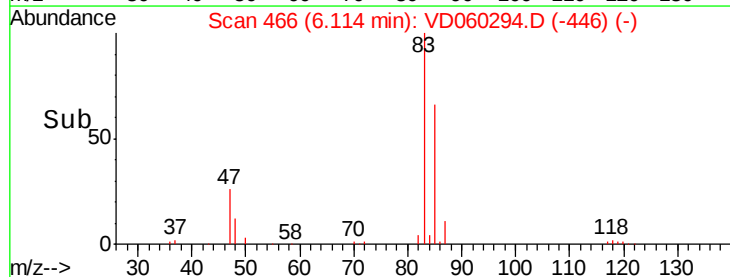
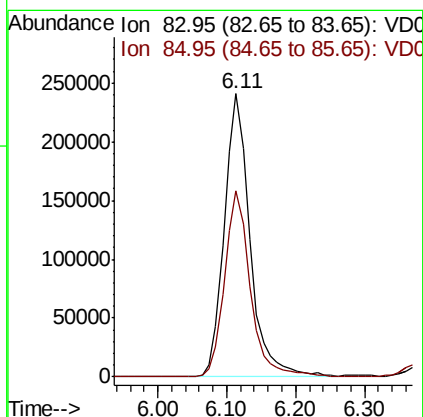
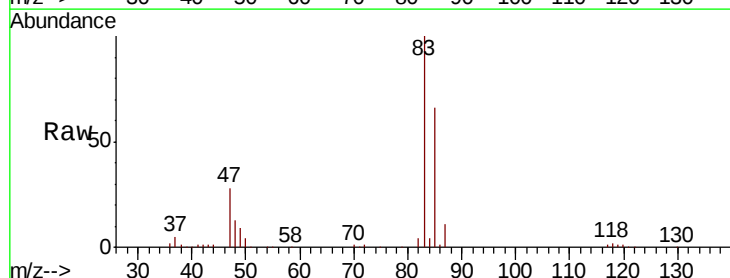
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

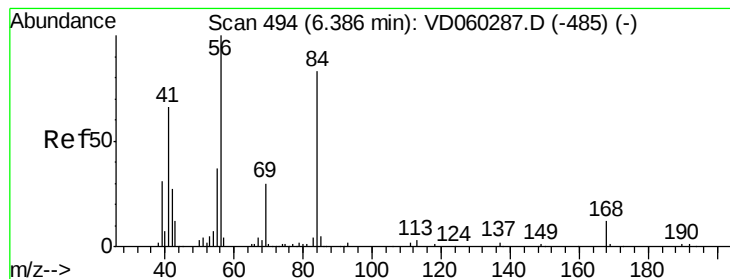
Tot Ion: 42 Resp: 229012  
Ion Ratio Lower Upper  
42 100  
72 32.9 27.6 41.4  
71 32.9 26.5 39.7



#30  
Chloroform  
Concen: 21.094 ug/l  
RT: 6.11 min Scan# 466  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion: 83 Resp: 624504  
Ion Ratio Lower Upper  
83 100  
85 65.7 52.5 78.7





#31

Cyclohexane

Concen: 21.013 ug/l

RT: 6.38 min Scan# 493

Delta R.T. -0.01 min

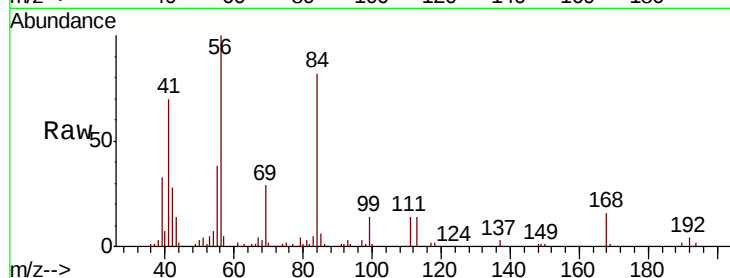
Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

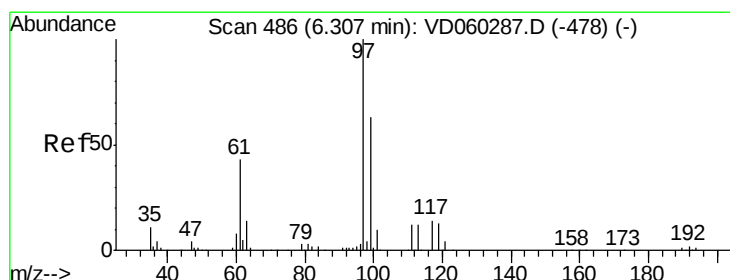
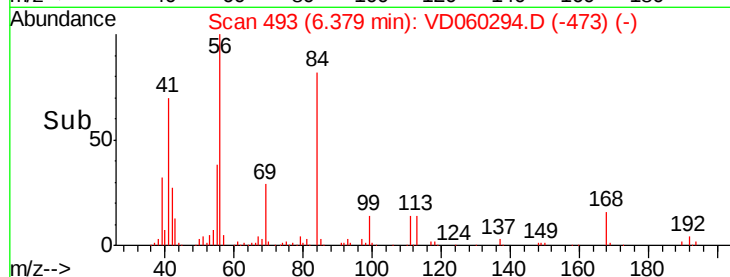
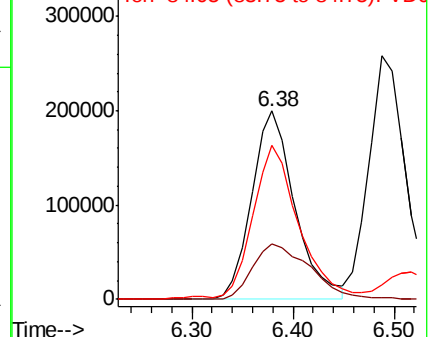
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

Tot Ion: 56 Resp: 594798

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 29.2  | 22.2  | 33.2  |
| 84  | 81.9  | 63.0  | 94.4  |



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: 20.857 ug/l

RT: 6.30 min Scan# 485

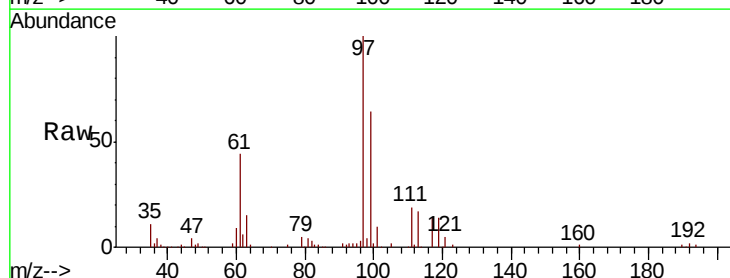
Delta R.T. -0.01 min

Lab File: VD060294.D

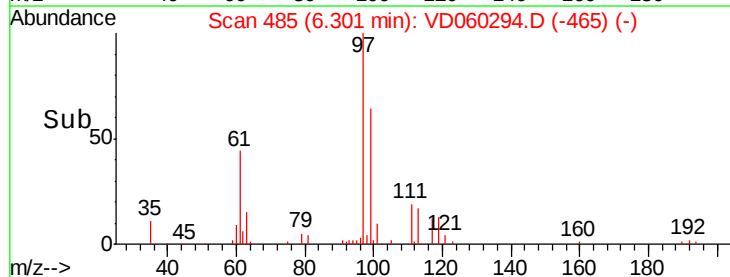
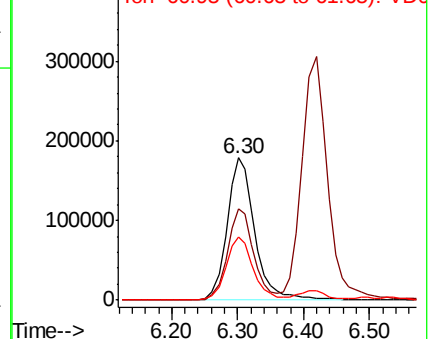
Acq: 7 Nov 2018 12:00

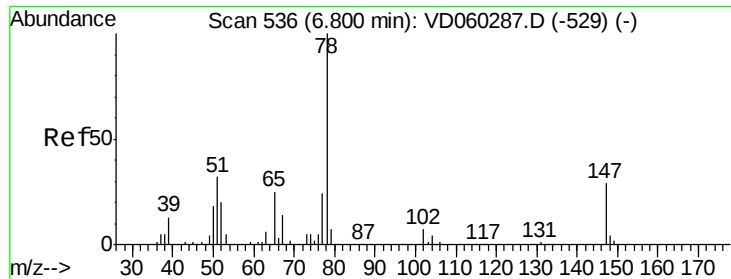
Tgt Ion: 97 Resp: 520148

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.2  | 51.5  | 77.3  |
| 61  | 44.0  | 35.8  | 53.8  |



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: 20.857 ug/l

RT: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

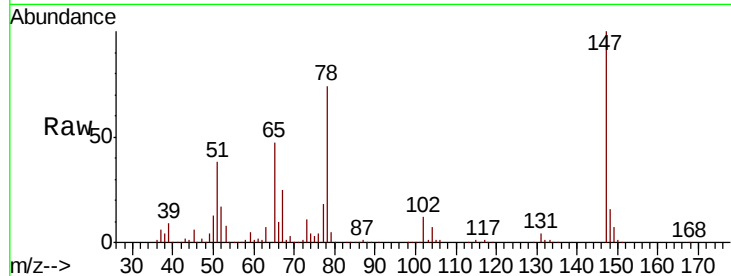
VD1107SBS01

Tot Ion: 65 Resp: 593126

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.79

250000

200000

150000

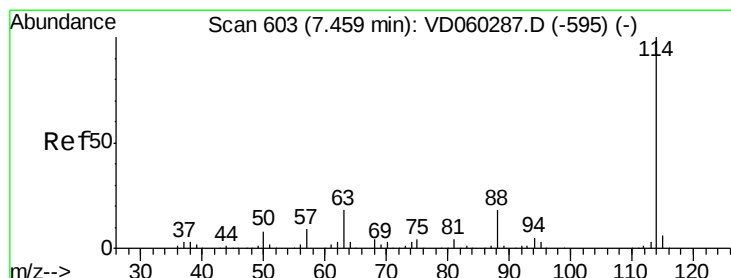
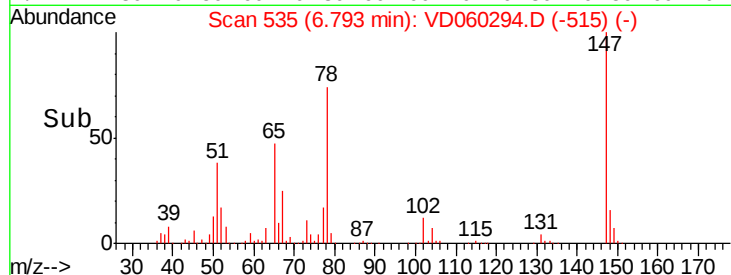
100000

50000

0

6.70 6.80 6.90

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.45 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

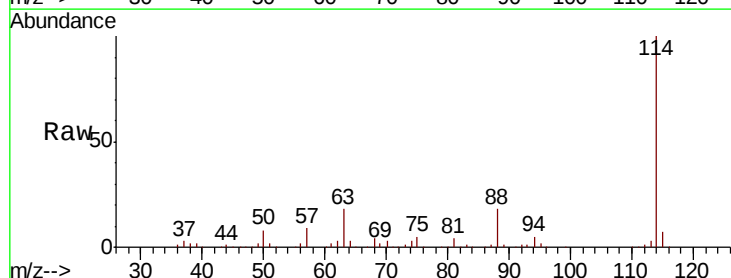
Tgt Ion: 114 Resp: 2220582

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.0

88 17.6 0.0 35.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

1200000

1000000

800000

600000

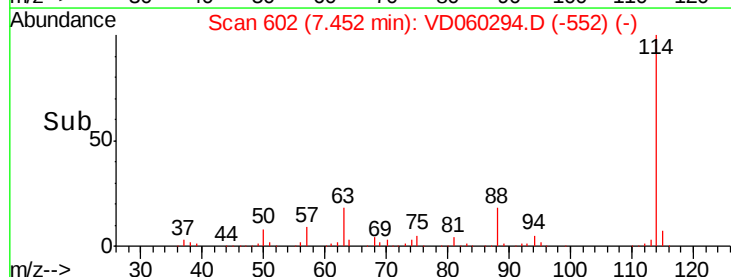
400000

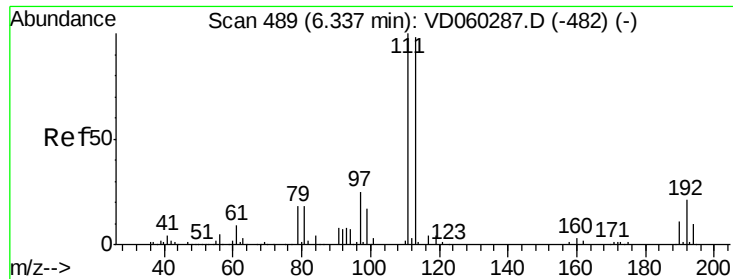
200000

0

7.40 7.60

Time-->

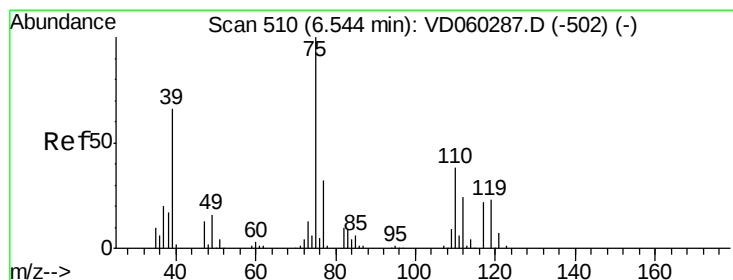
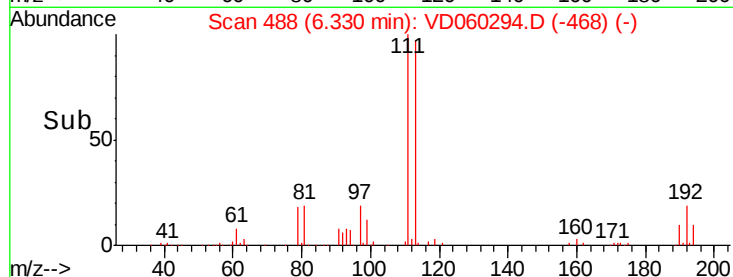
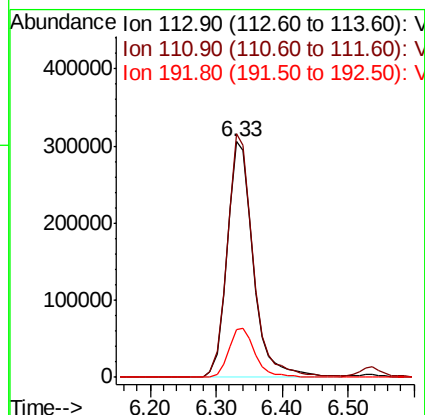
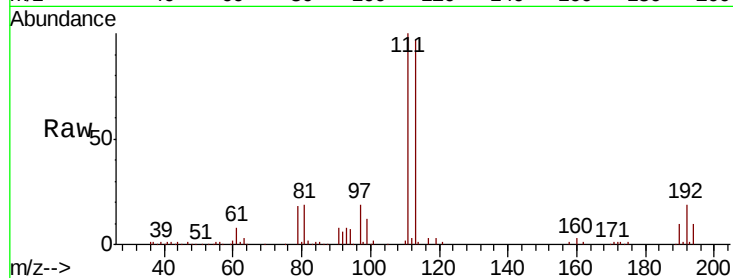




#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 6.33 min Scan# 488  
 Delta R.T. -0.01 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

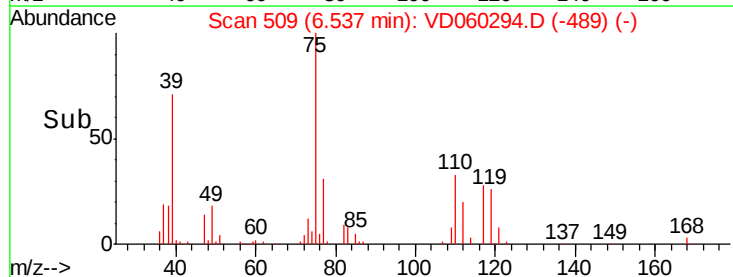
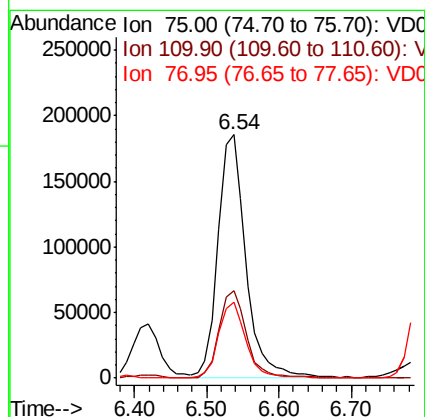
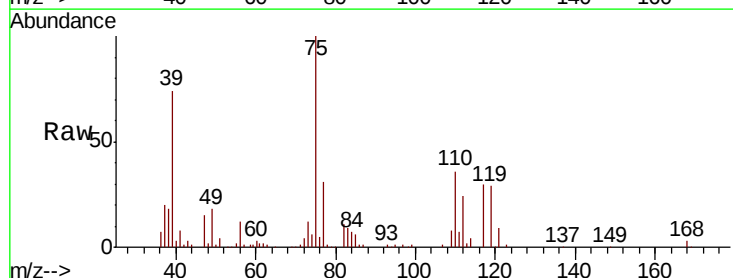
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1107SBS01

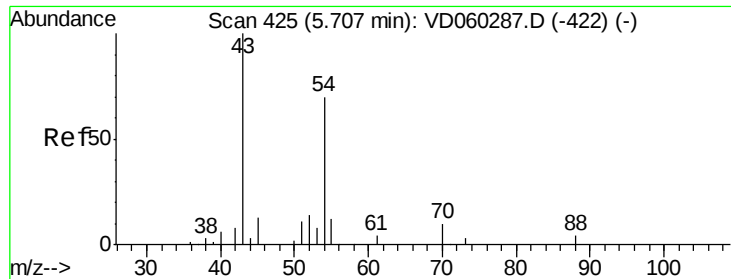
Tot Ion:113 Resp: 848586  
 Ion Ratio Lower Upper  
 113 100  
 111 103.2 81.6 122.4  
 192 20.0 16.5 24.7



#36  
 1,1-Dichloropropene  
 Concen: 22.334 ug/l  
 RT: 6.54 min Scan# 509  
 Delta R.T. -0.01 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

Tgt Ion: 75 Resp: 489971  
 Ion Ratio Lower Upper  
 75 100  
 110 35.9 18.0 54.0  
 77 31.1 25.6 38.4

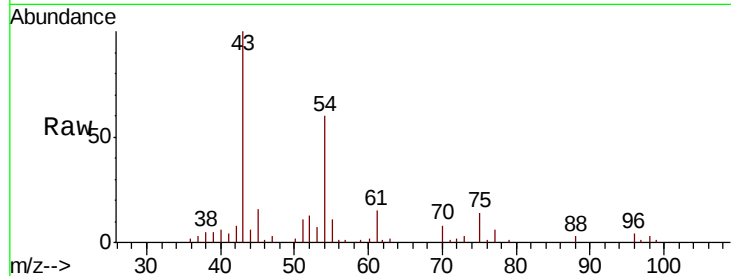




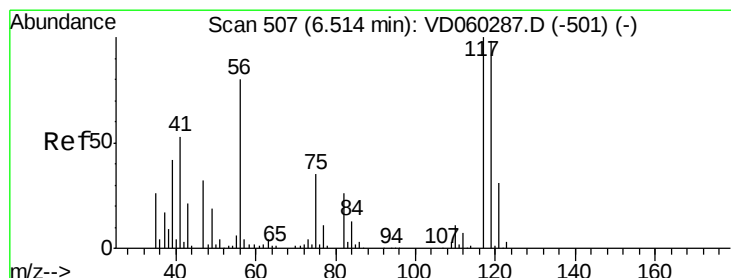
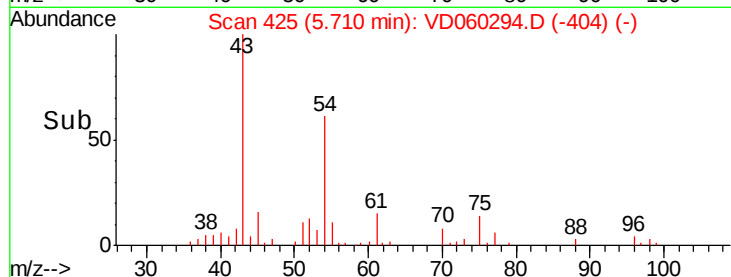
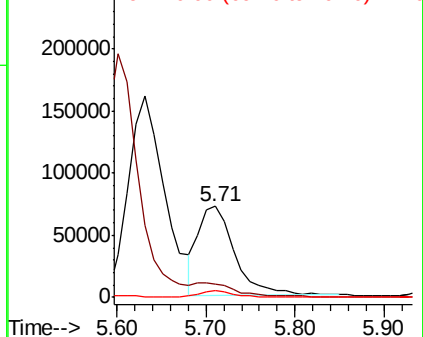
#37  
Ethyl Acetate  
Concen: 20.225 ug/l  
RT: 5.71 min Scan# 425  
Delta R.T. 0.00 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

Tot Ion: 43 Resp: 204178  
Ion Ratio Lower Upper  
43 100  
61 15.0 11.8 17.6  
70 8.2 6.2 9.4

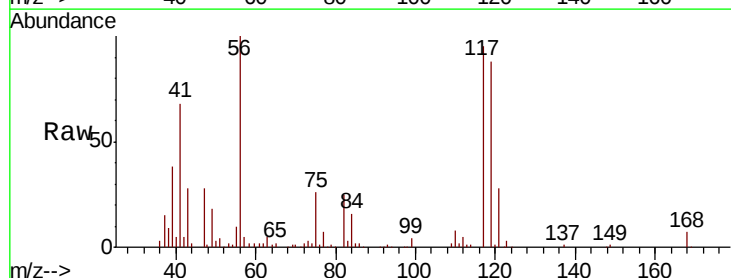


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

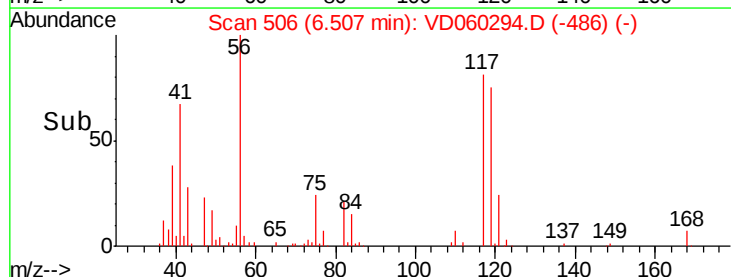
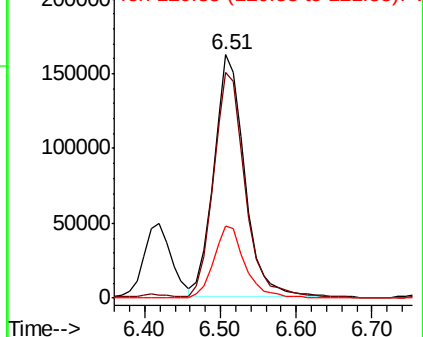


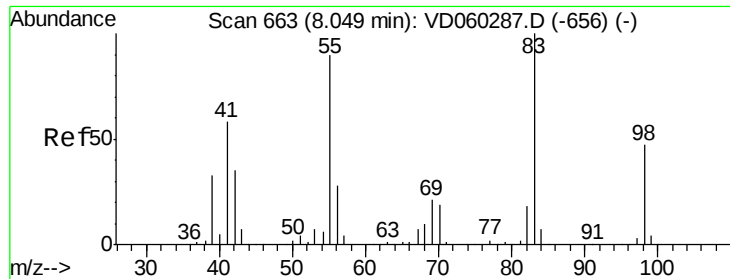
#38  
Carbon Tetrachloride  
Concen: 22.531 ug/l  
RT: 6.51 min Scan# 506  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion: 117 Resp: 458522  
Ion Ratio Lower Upper  
117 100  
119 92.8 76.6 115.0  
121 29.4 24.3 36.5



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

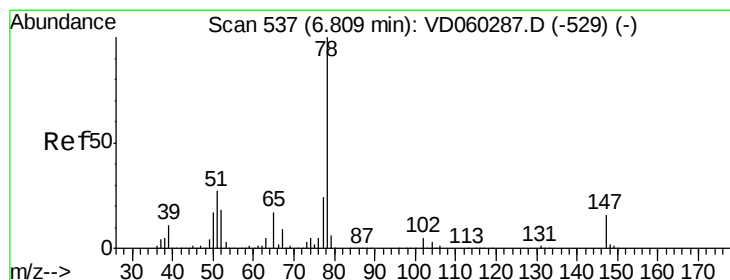
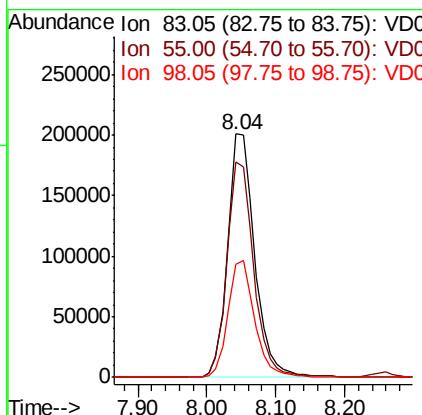
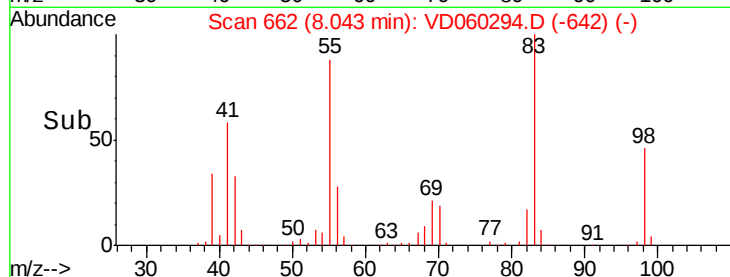
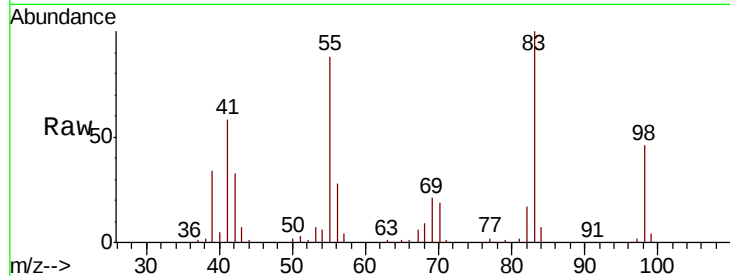




#39  
Methvlcvclohexane  
Concen: 21.683 ug/l  
RT: 8.04 min Scan# 662  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

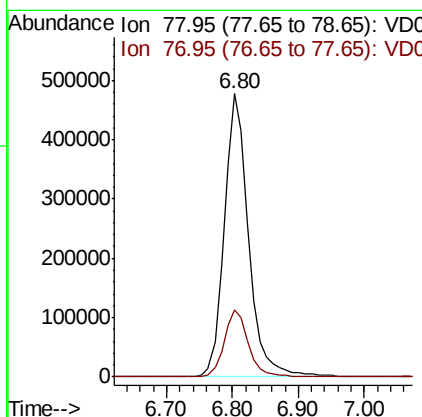
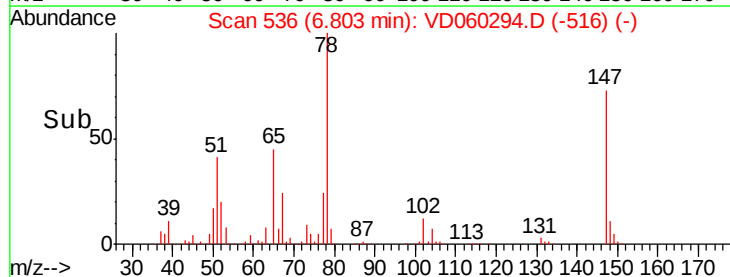
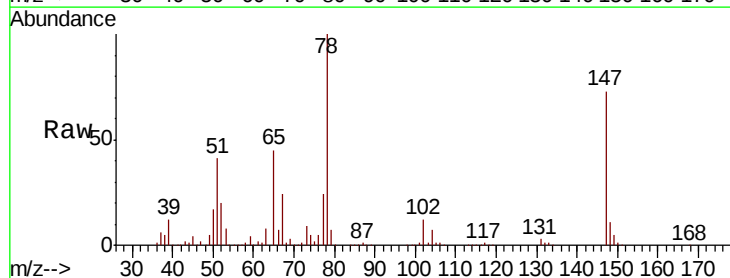
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

Tot Ion: 83 Resp: 547131  
Ion Ratio Lower Upper  
83 100  
55 88.4 71.2 106.8  
98 46.3 38.4 57.6



#40  
Benzene  
Concen: 21.951 ug/l  
RT: 6.80 min Scan# 536  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion: 78 Resp: 1229266  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.8 28.2

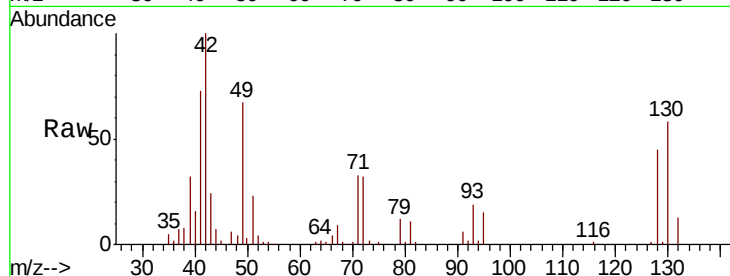




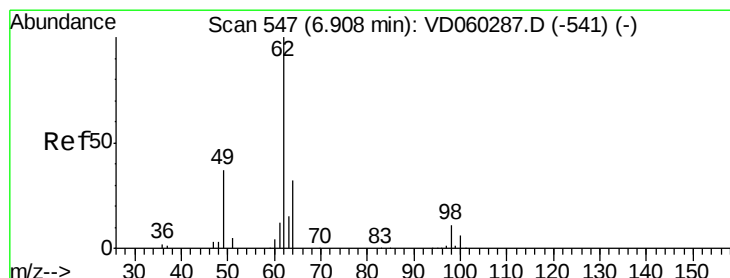
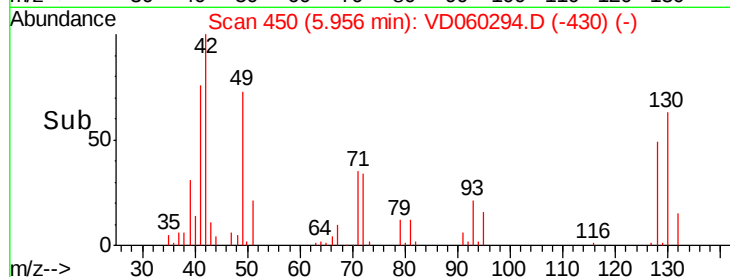
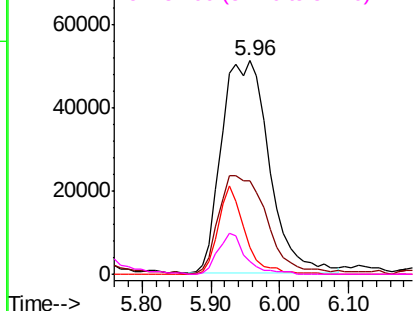
#41  
Methacrylonitrile  
Concen: 21.074 ug/l  
RT: 5.96 min Scan# 450  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 243493 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 43.8  | 36.2  | 54.2   |
| 67       | 12.4  | 11.9  | 17.9   |
| 52       | 5.8   | 5.2   | 7.8    |

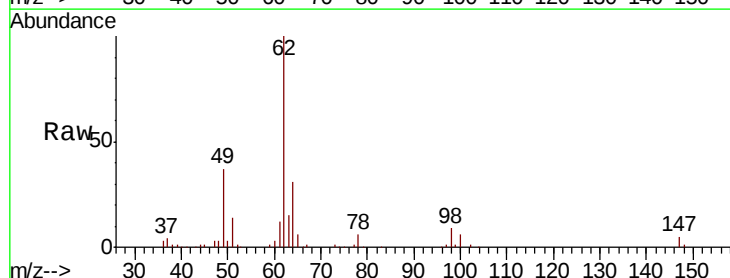


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

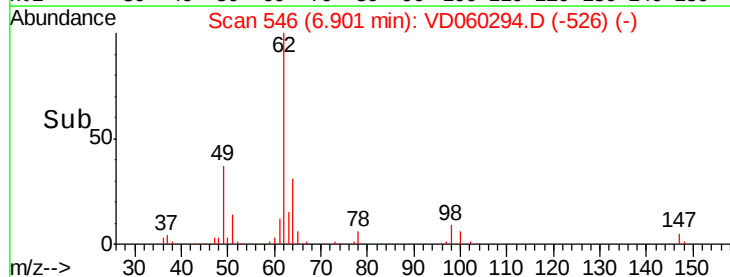
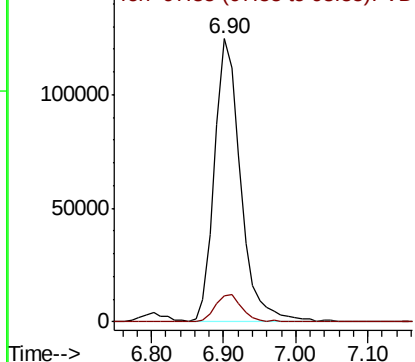


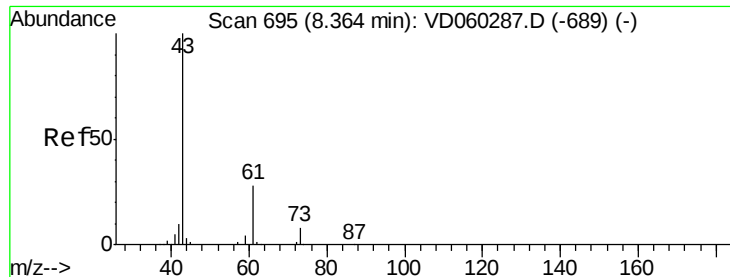
#42  
1,2-Dichloroethane  
Concen: 21.163 ug/l  
RT: 6.90 min Scan# 546  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 310201 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.3   | 0.0   | 22.0   |



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





#43

Isopropyl Acetate

Concen: 20.337 ug/l

RT: 8.36 min Scan# 694

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1107SBS01

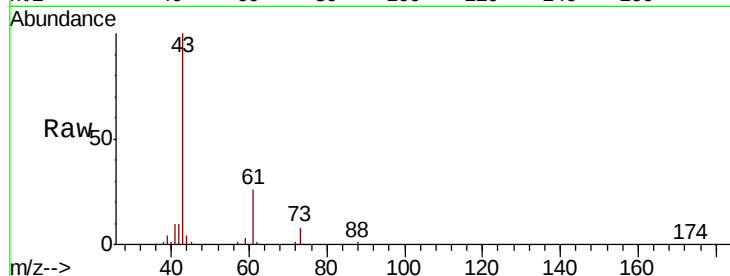
Tot Ion: 43 Resp: 257887

Ion Ratio Lower Upper

43 100

61 25.9 22.3 33.5

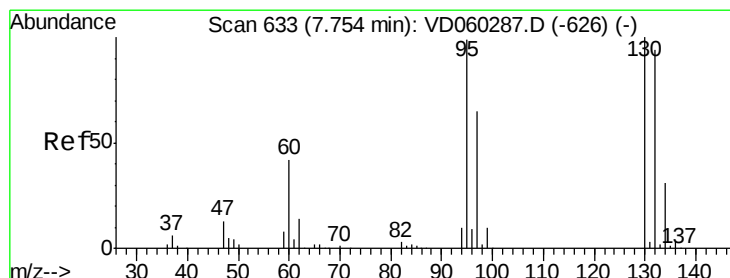
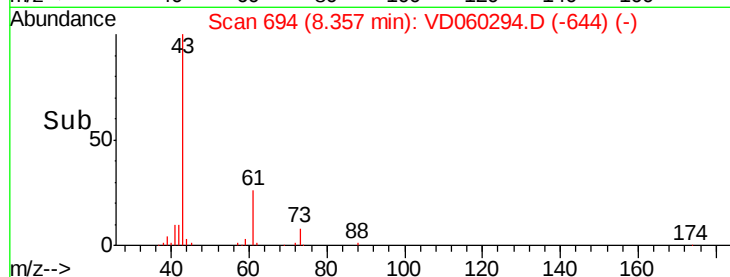
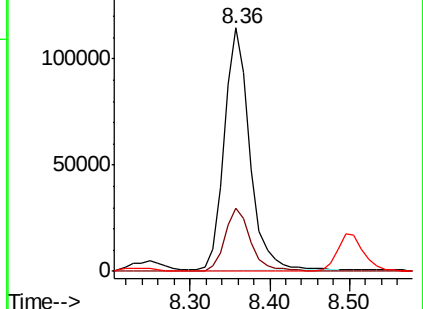
87 0.0 0.2 0.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.800 ug/l

RT: 7.75 min Scan# 632

Delta R.T. -0.01 min

Lab File: VD060294.D

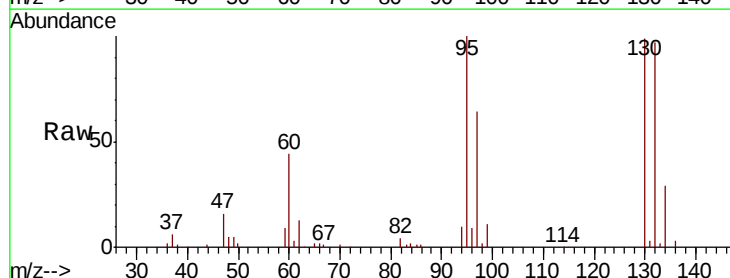
Acq: 7 Nov 2018 12:00

Tgt Ion:130 Resp: 370064

Ion Ratio Lower Upper

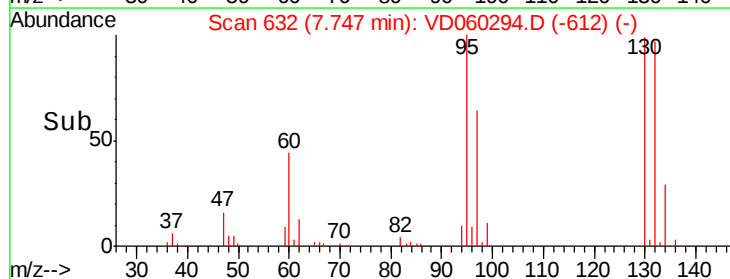
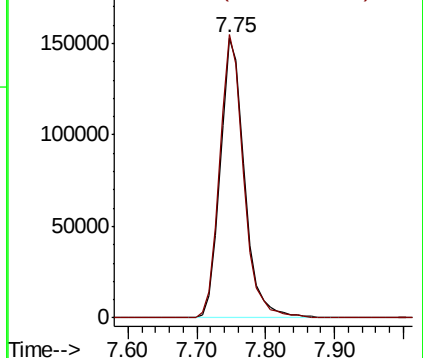
130 100

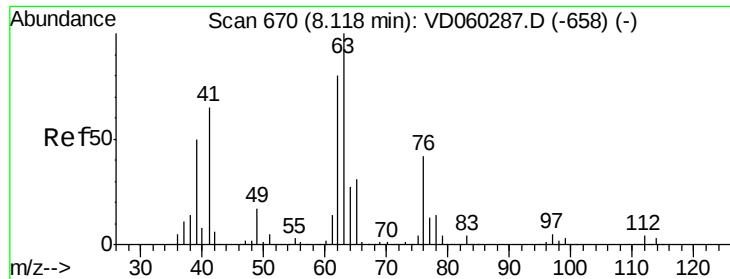
95 101.3 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.356 ug/l

RT: 8.11 min Scan# 669

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

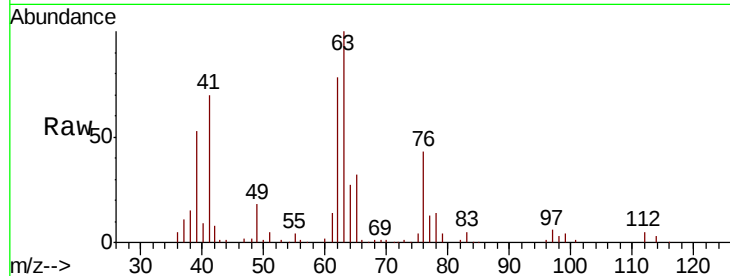
VD1107SBS01

Tot Ion: 63 Resp: 301624

Ion Ratio Lower Upper

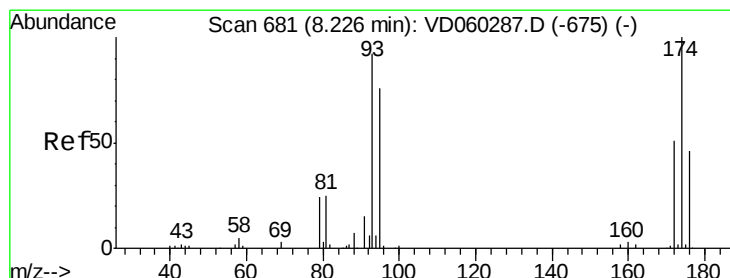
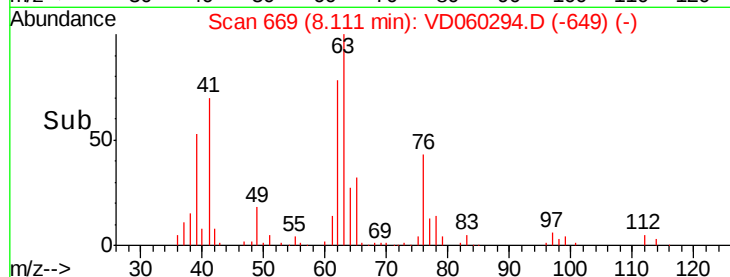
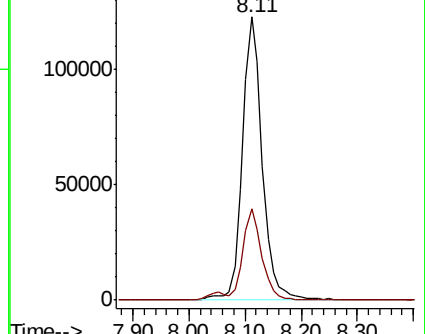
63 100

65 32.1 23.4 35.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 21.024 ug/l

RT: 8.23 min Scan# 681

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

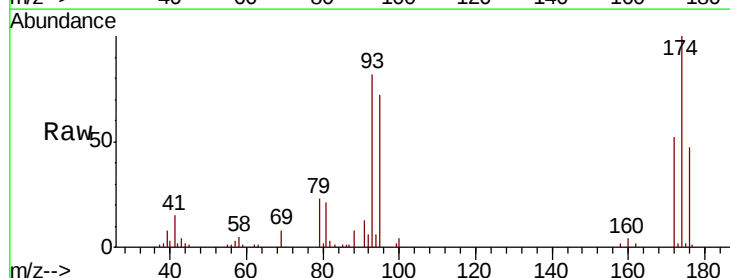
Tgt Ion: 93 Resp: 173903

Ion Ratio Lower Upper

93 100

95 88.1 66.4 99.6

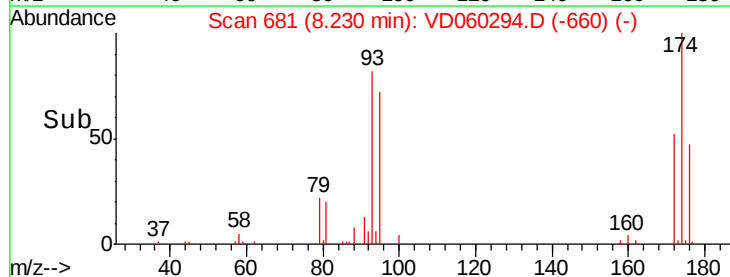
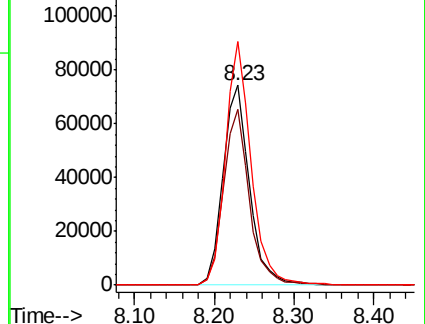
174 121.8 87.8 131.8



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC





#47

Bromodichloromethane

Concen: 21.448 ug/l

RT: 8.51 min Scan# 709

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1107SBS01

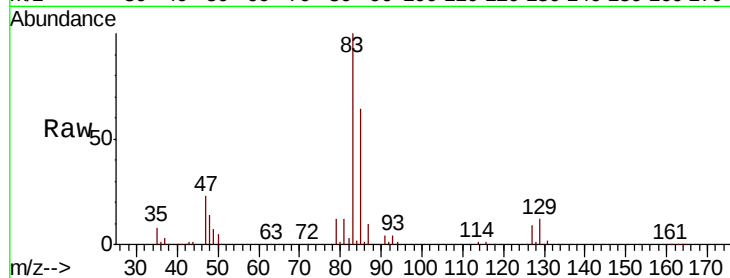
Tot Ion: 83 Resp: 418070

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.6

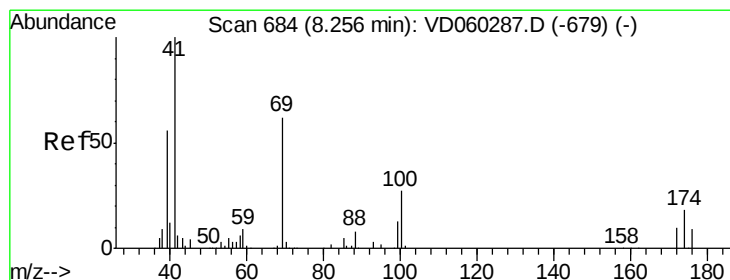
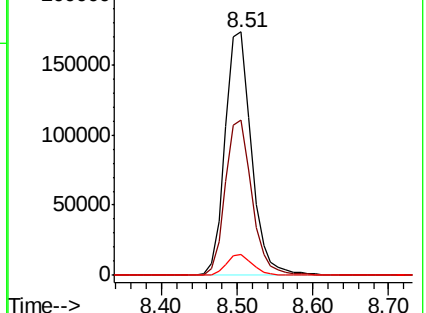
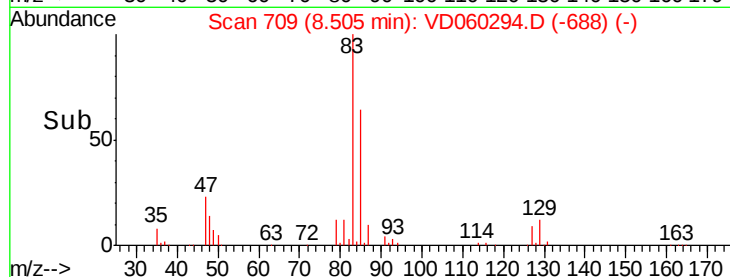
127 8.7 6.2 9.4



Abundance Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 20.378 ug/l

RT: 8.26 min Scan# 684

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

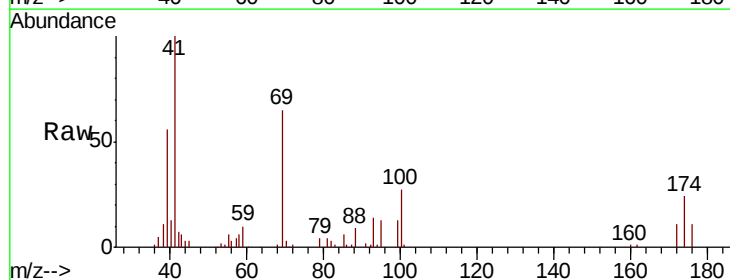
Tgt Ion: 41 Resp: 156960

Ion Ratio Lower Upper

41 100

69 65.0 47.0 70.4

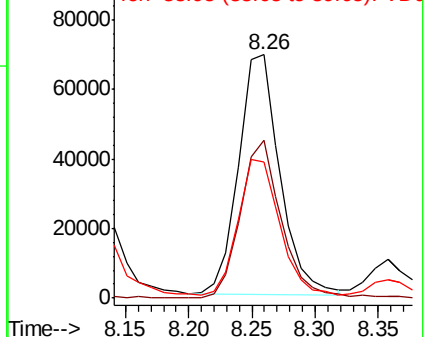
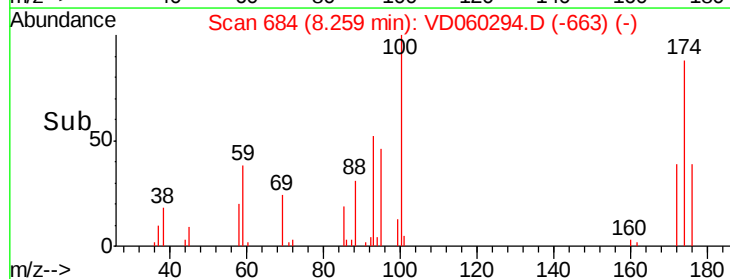
39 55.7 46.2 69.4

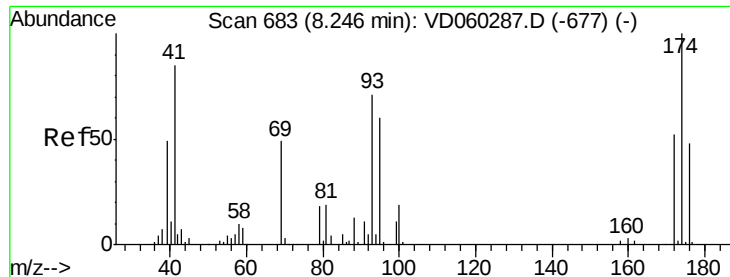


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 405.926 ug/l

RT: 8.23 min Scan# 681

Delta R.T. -0.02 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1107SBS01

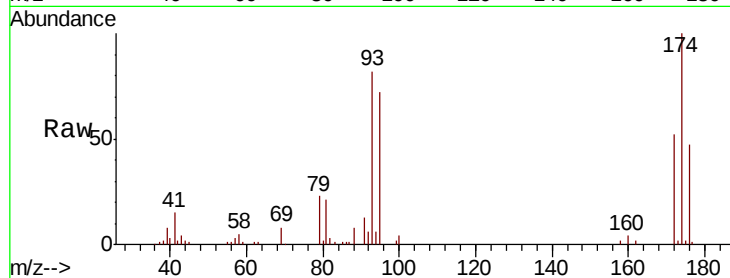
Tot Ion: 88 Resp: 27053

Ion Ratio Lower Upper

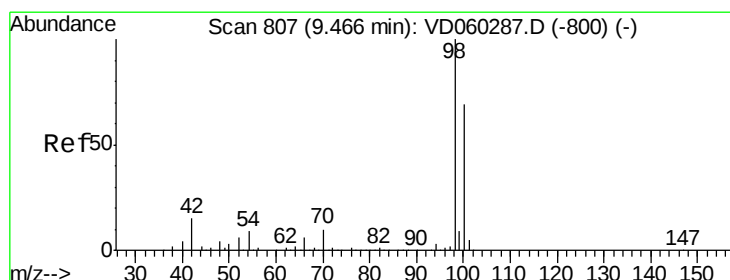
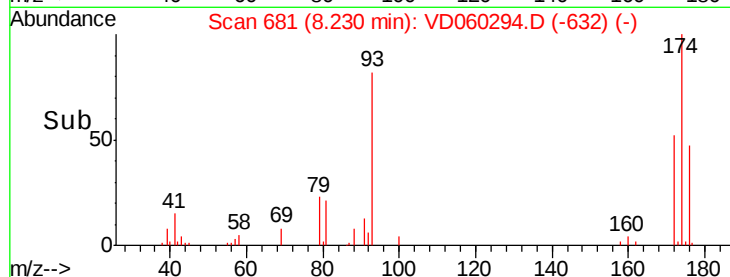
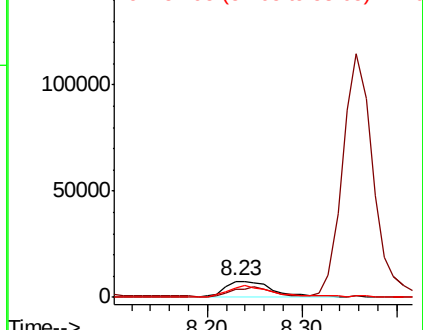
88 100

43 47.2 39.7 59.5

58 57.2 60.2 90.2#



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



#50

Toluene-d8

Concen: 405.926 ug/l

RT: 9.46 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060294.D

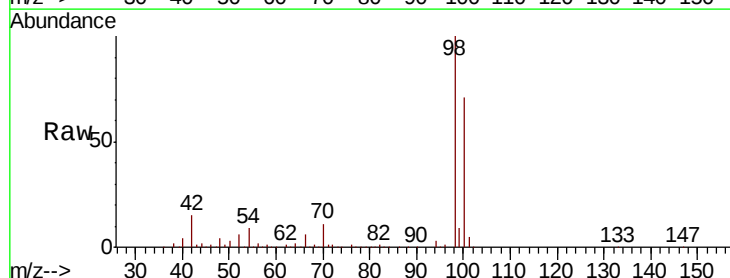
Acq: 7 Nov 2018 12:00

Tgt Ion: 98 Resp: 2402730

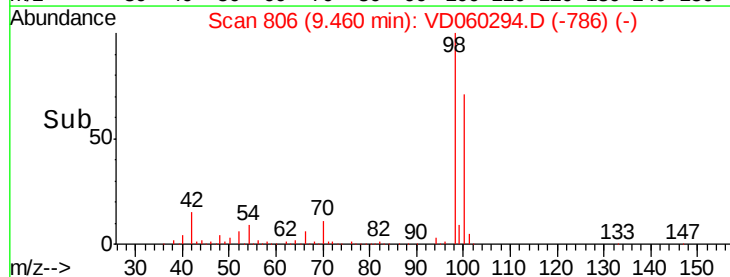
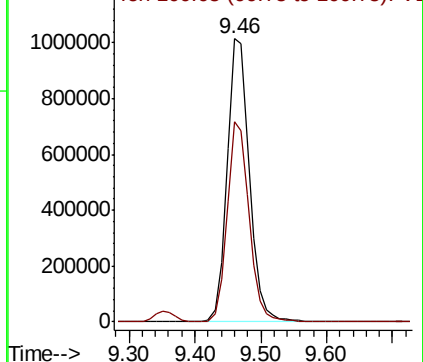
Ion Ratio Lower Upper

98 100

100 70.8 55.2 82.8



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





#51

4-Methyl-2-Pentanone

Concen: 107.141 ug/l

RT: 9.35 min Scan# 795

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

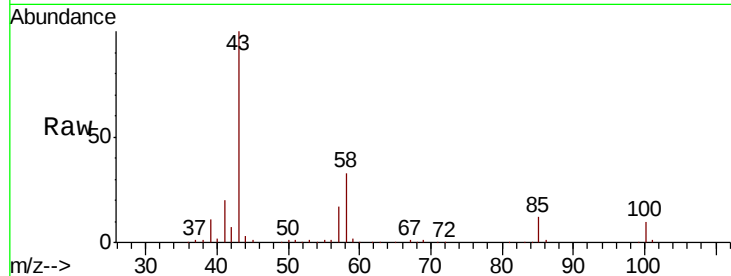
VD1107SBS01

Tot Ion: 43 Resp: 884278

Ion Ratio Lower Upper

43 100

58 32.7 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

9.35

400000

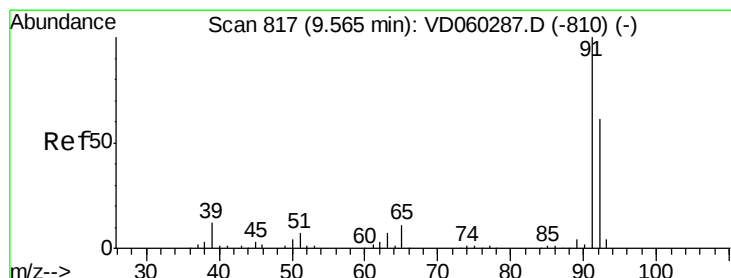
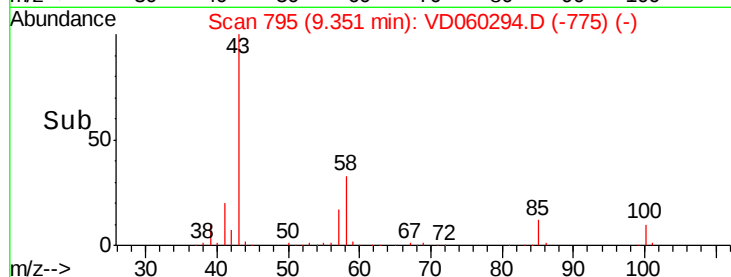
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 22.058 ug/l

RT: 9.56 min Scan# 816

Delta R.T. -0.01 min

Lab File: VD060294.D

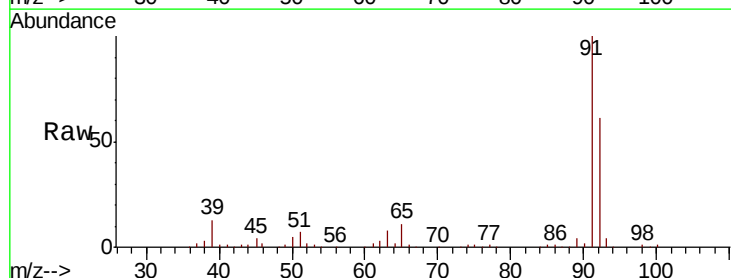
Acq: 7 Nov 2018 12:00

Tgt Ion: 92 Resp: 789065

Ion Ratio Lower Upper

92 100

91 164.5 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

9.56

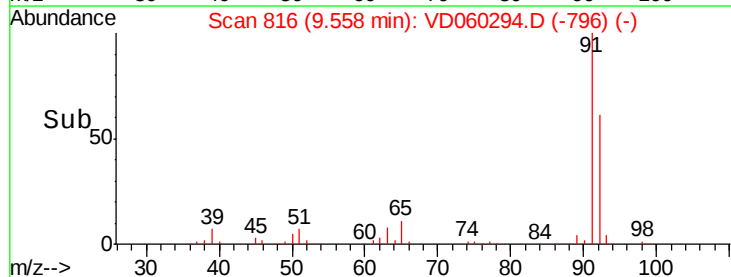
600000

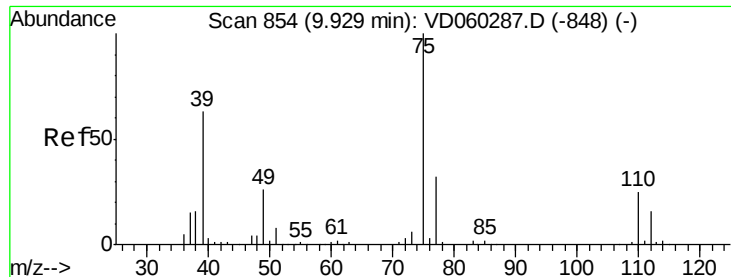
400000

200000

0

Time-->

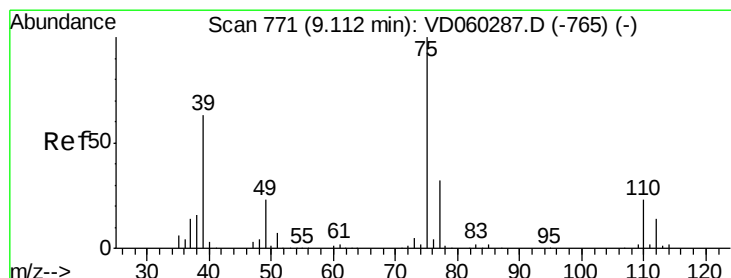
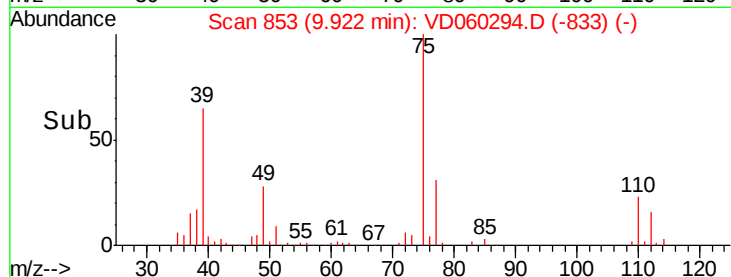
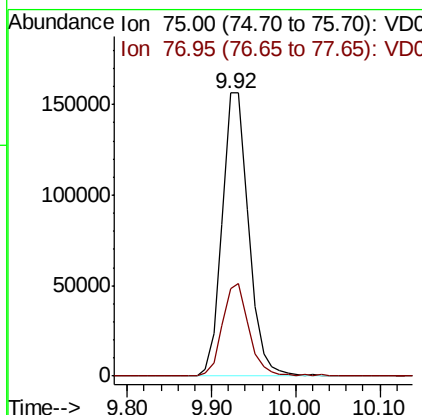
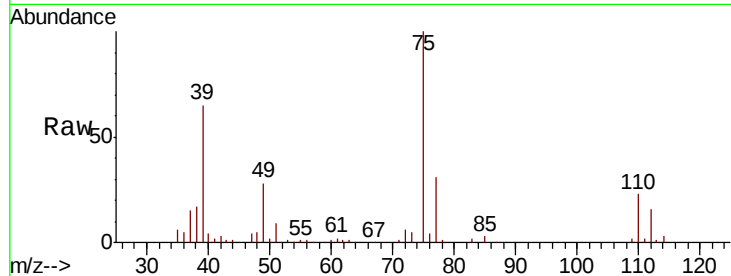




#53  
 t-1,3-Dichloropropene  
 Concen: 20.823 ug/l  
 RT: 9.92 min Scan# 853  
 Delta R.T. -0.01 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

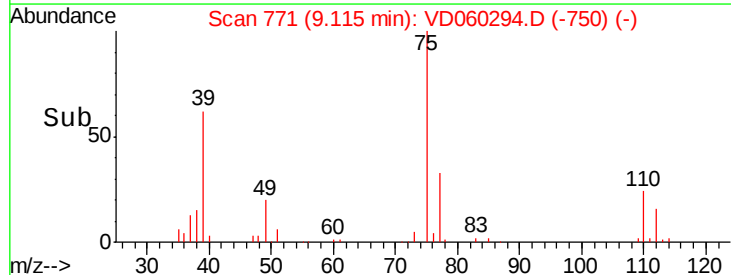
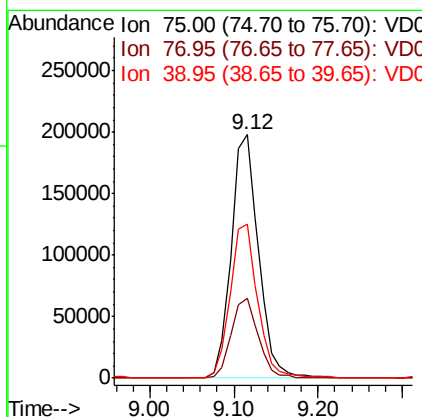
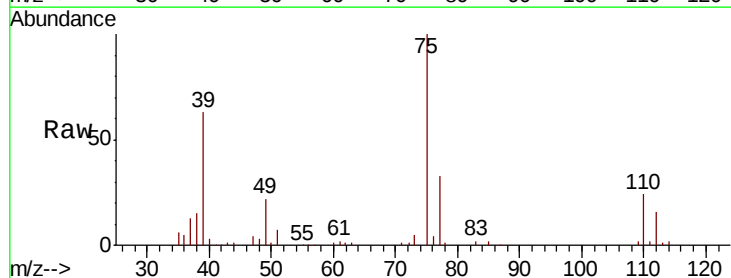
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1107SBS01

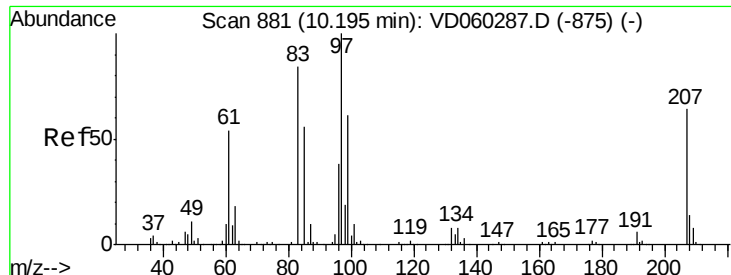
Tot Ion: 75 Resp: 342953  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.2 37.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.020 ug/l  
 RT: 9.12 min Scan# 771  
 Delta R.T. 0.00 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

Tgt Ion: 75 Resp: 444024  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 26.3 39.5  
 39 63.3 50.8 76.2

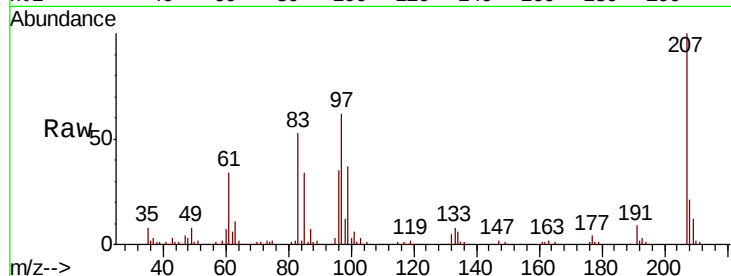




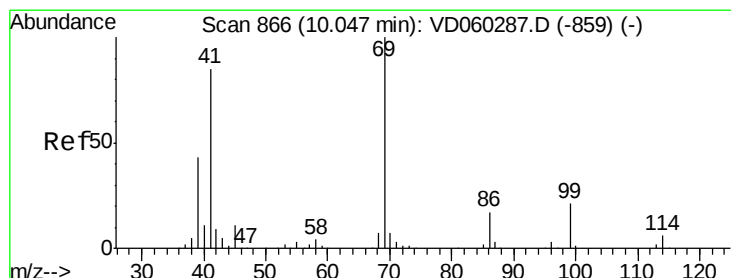
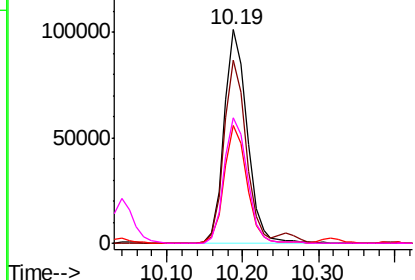
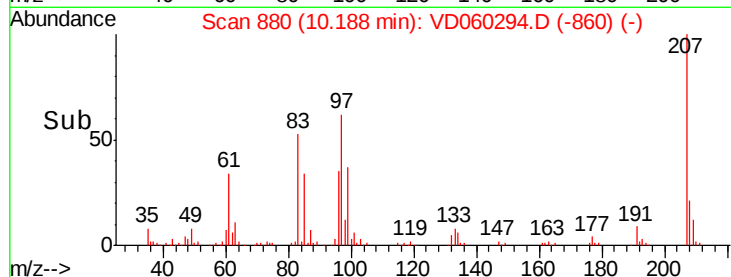
#55  
1,1,2-Trichloroethane  
Concen: 20.601 ug/l  
RT: 10.19 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

Tot Ion: 97 Resp: 213594  
Ion Ratio Lower Upper  
97 100  
83 85.7 68.4 102.6  
85 55.4 46.8 70.2  
99 59.0 49.5 74.3

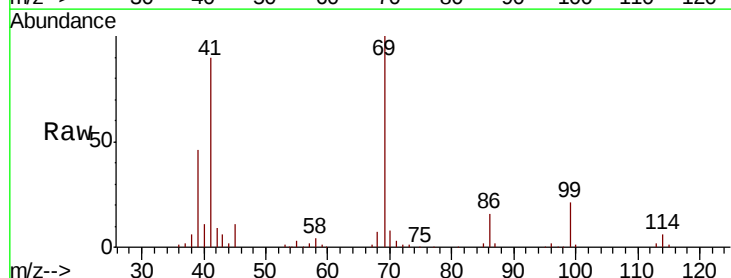


Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 82.95 (82.65 to 83.65): VDC  
Ion 84.95 (84.65 to 85.65): VDC  
Ion 98.85 (98.55 to 99.55): VDC

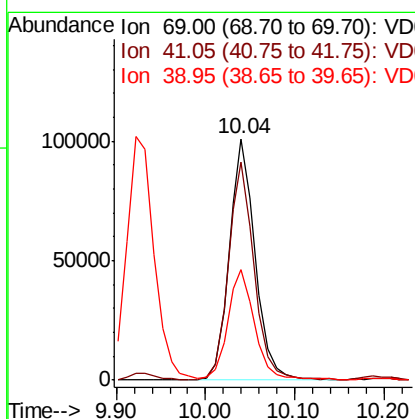
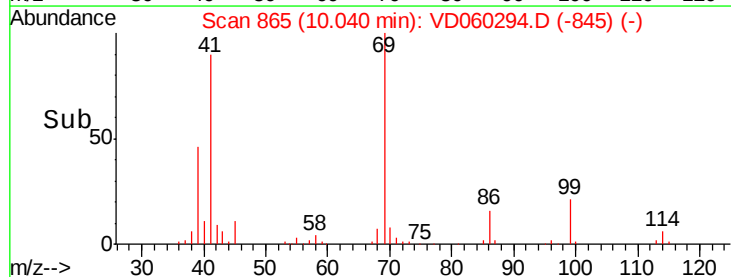


#56  
Ethyl methacrylate  
Concen: 21.521 ug/l  
RT: 10.04 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion: 69 Resp: 205156  
Ion Ratio Lower Upper  
69 100  
41 90.3 69.0 103.4  
39 45.5 36.6 54.8



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





#57

1,3-Dichloropropane

Concen: 20.924 ug/l

RT: 10.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

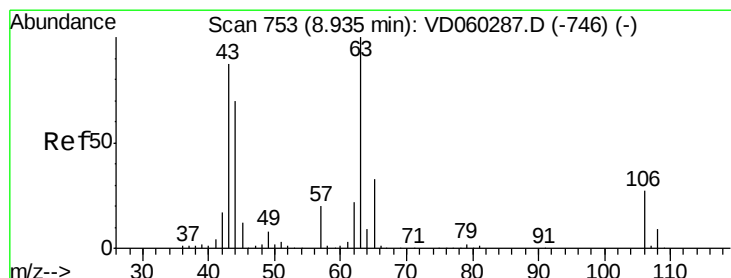
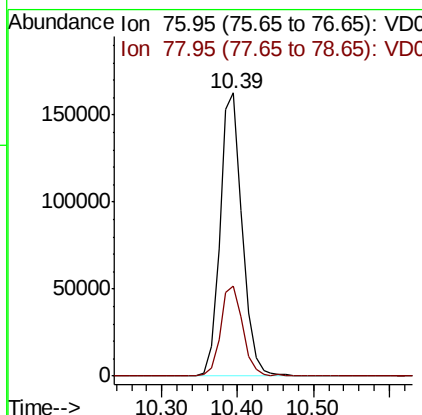
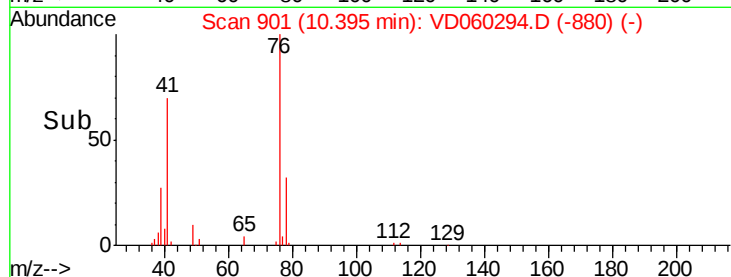
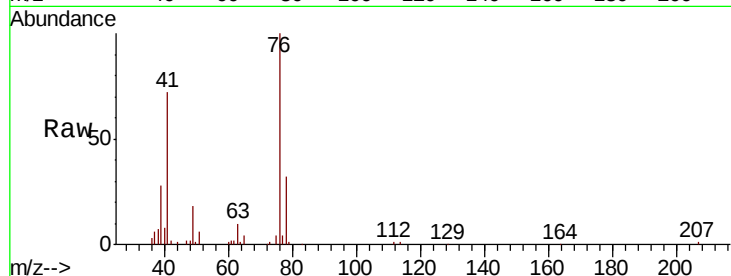
VD1107SBS01

Tot Ion: 76 Resp: 330562

Ion Ratio Lower Upper

76 100

78 31.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 109.457 ug/l

RT: 8.93 min Scan# 752

Delta R.T. -0.01 min

Lab File: VD060294.D

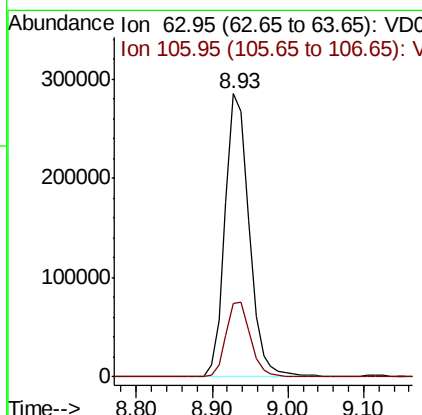
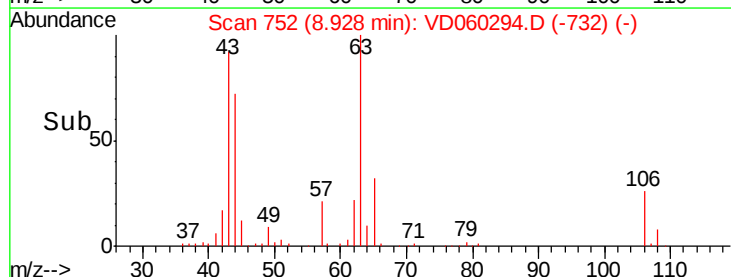
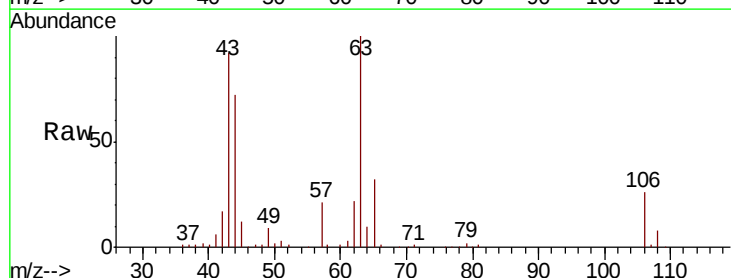
Acq: 7 Nov 2018 12:00

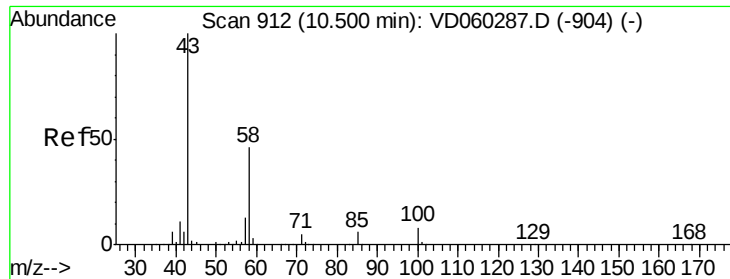
Tgt Ion: 63 Resp: 630918

Ion Ratio Lower Upper

63 100

106 25.8 21.5 32.3

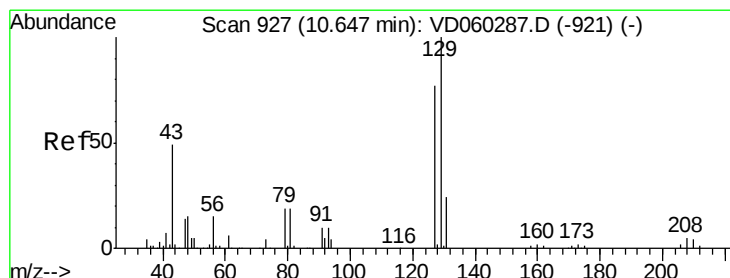
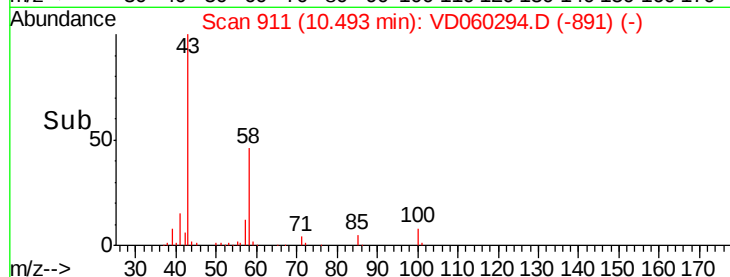
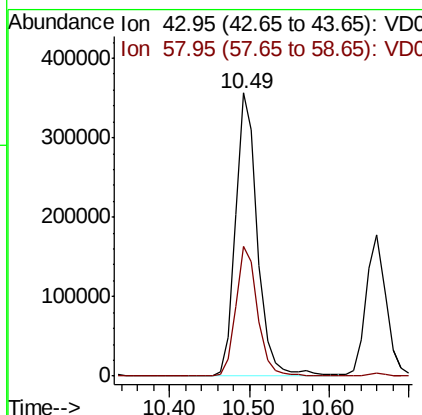
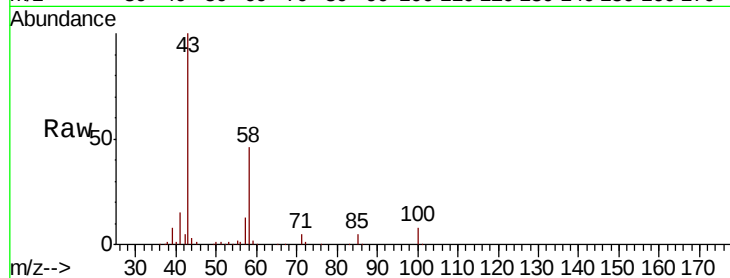




#59  
2-Hexanone  
Concen: 116.813 ug/l  
RT: 10.49 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

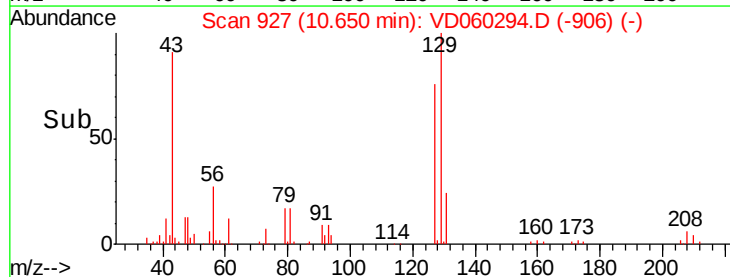
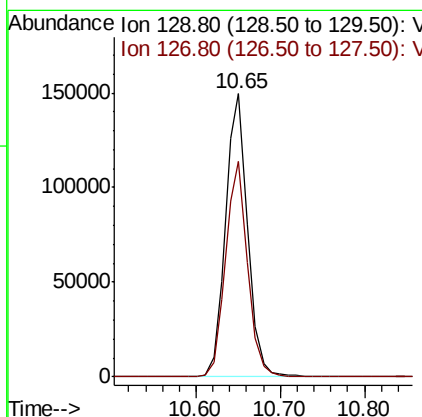
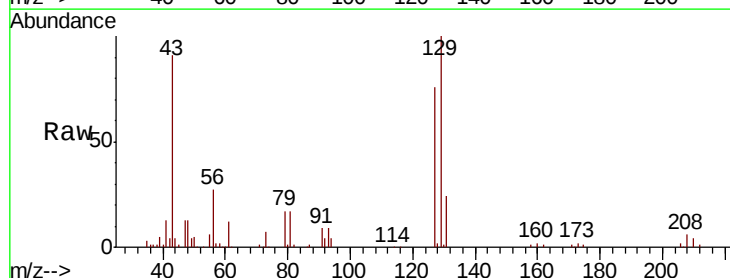
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

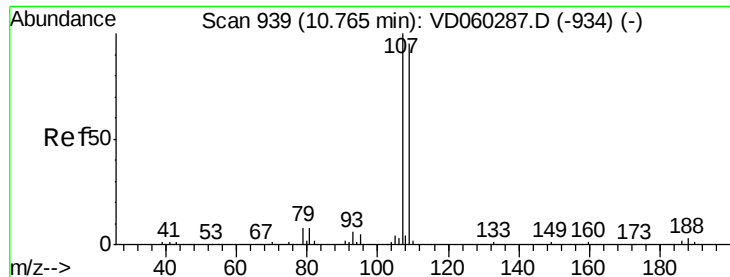
Tot Ion: 43 Resp: 687155  
Ion Ratio Lower Upper  
43 100  
58 45.7 22.9 68.5



#60  
Dibromochloromethane  
Concen: 21.453 ug/l  
RT: 10.65 min Scan# 927  
Delta R.T. 0.00 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion:129 Resp: 270374  
Ion Ratio Lower Upper  
129 100  
127 76.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.378 ug/l

RT: 10.77 min Scan# 939

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

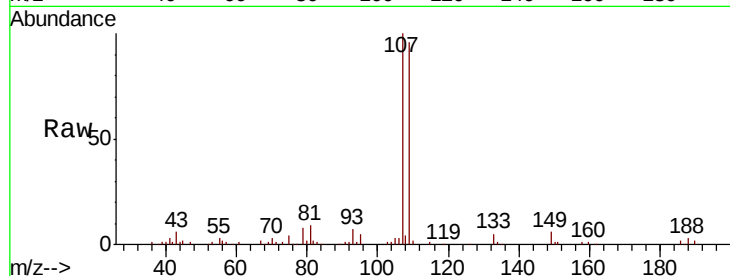
VD1107SBS01

Tot Ion:107 Resp: 222080

Ion Ratio Lower Upper

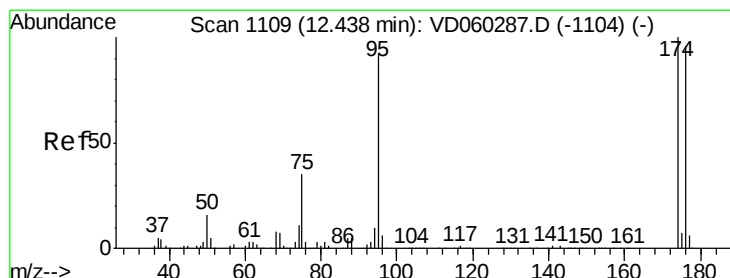
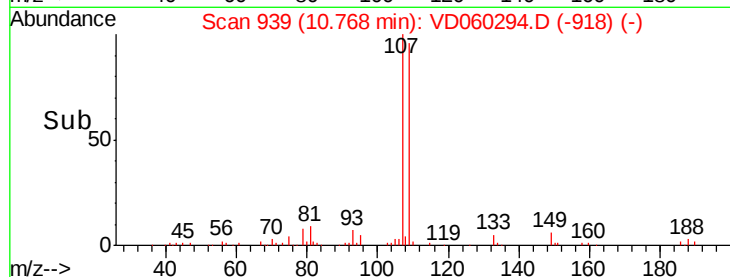
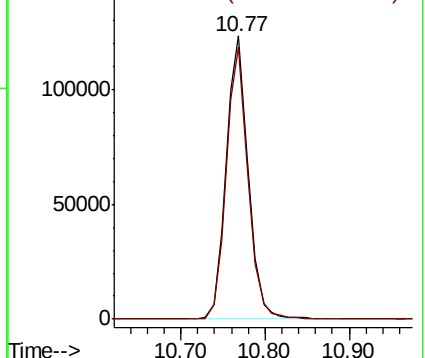
107 100

109 95.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 21.378 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

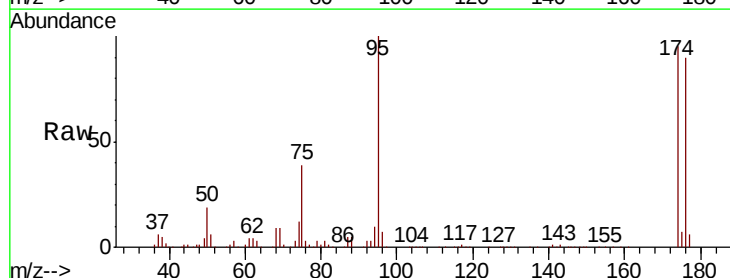
Tgt Ion: 95 Resp: 891339

Ion Ratio Lower Upper

95 100

174 95.3 0.0 160.8

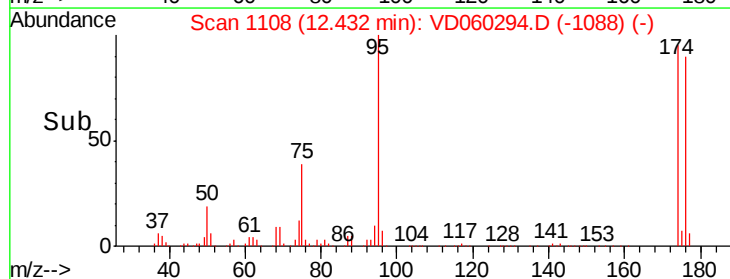
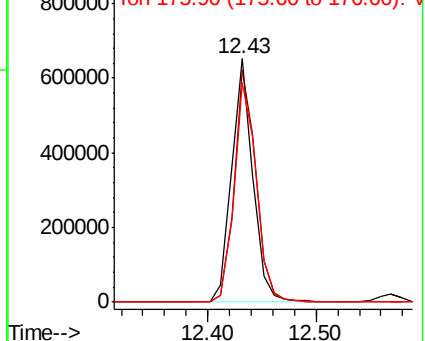
176 89.9 0.0 154.6

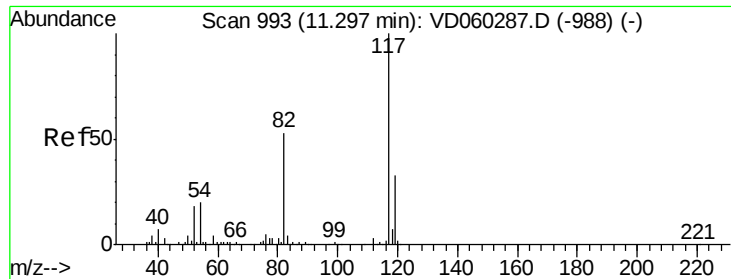


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

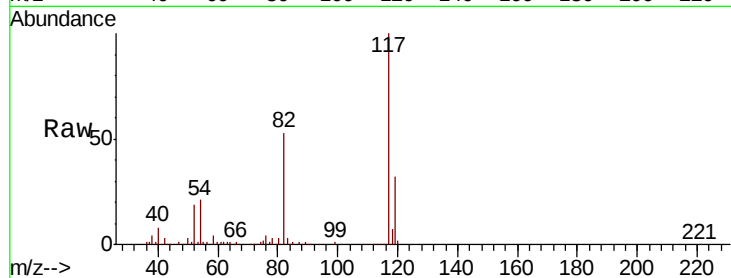




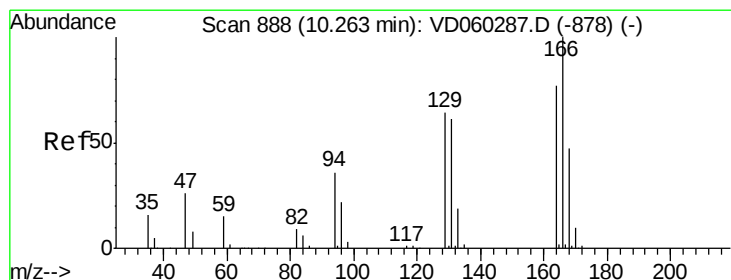
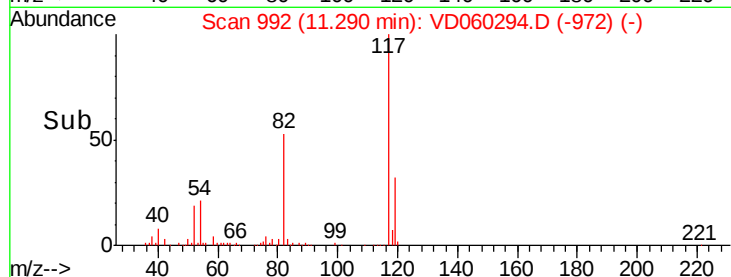
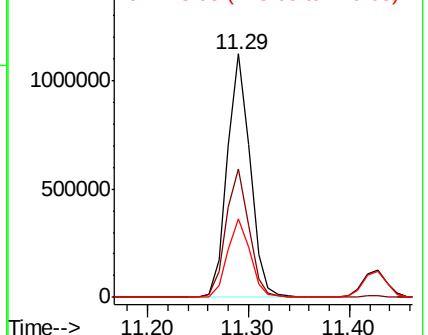
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.29 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

Tot Ion:117 Resp: 1758539  
Ion Ratio Lower Upper  
117 100  
82 52.5 43.7 65.5  
119 32.2 26.1 39.1

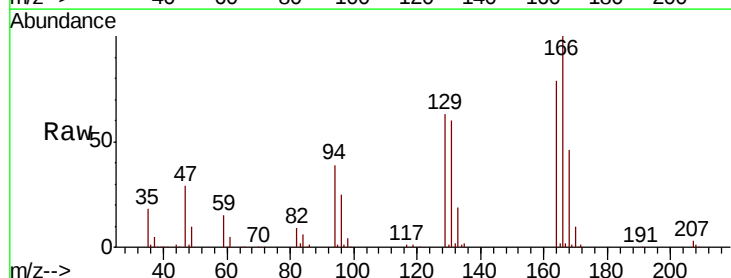


Abundance Ion 116.95 (116.65 to 117.65): V  
1500000 Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

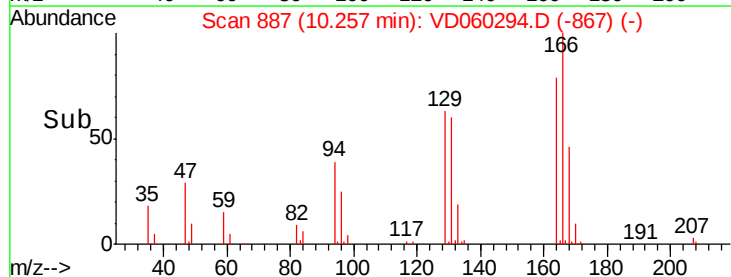
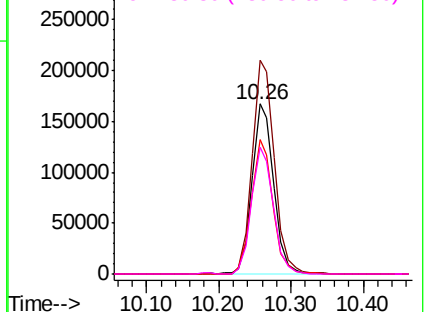


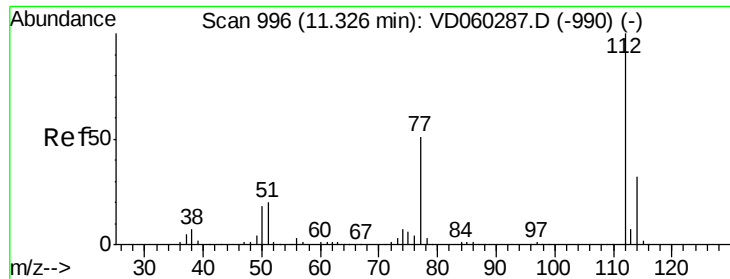
#64  
Tetrachloroethene  
Concen: 22.234 ug/l  
RT: 10.26 min Scan# 887  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion:164 Resp: 349060  
Ion Ratio Lower Upper  
164 100  
166 125.8 103.7 155.5  
129 79.5 65.6 98.4  
131 75.0 64.4 96.6



Abundance Ion 163.85 (163.55 to 164.55): V  
300000 Ion 165.85 (165.55 to 166.55): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

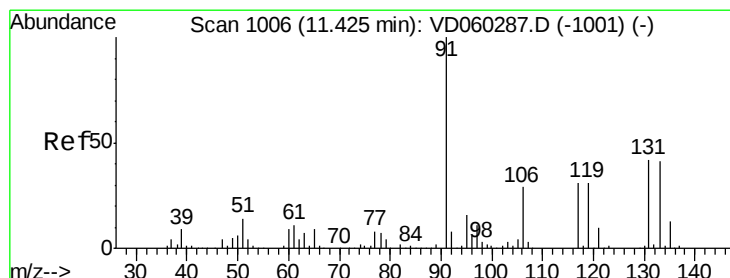
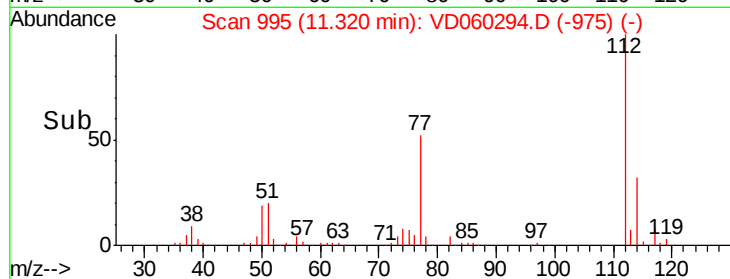
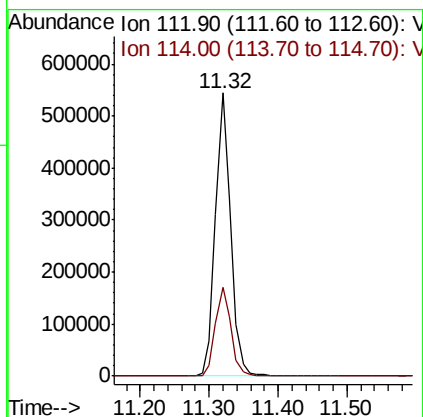
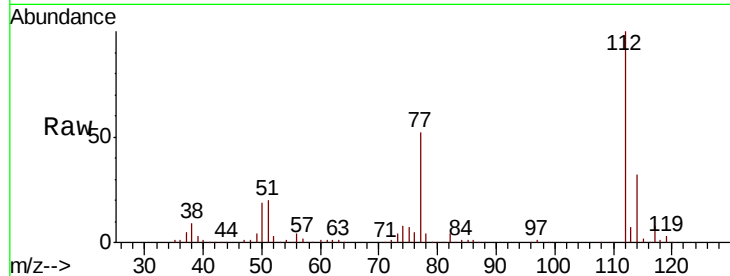




#65  
Chlorobenzene  
Concen: 21.842 ug/l  
RT: 11.32 min Scan# 995  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

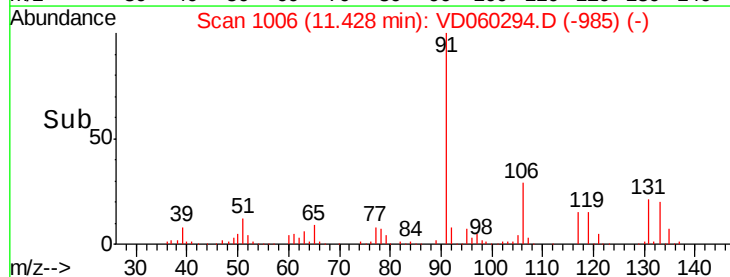
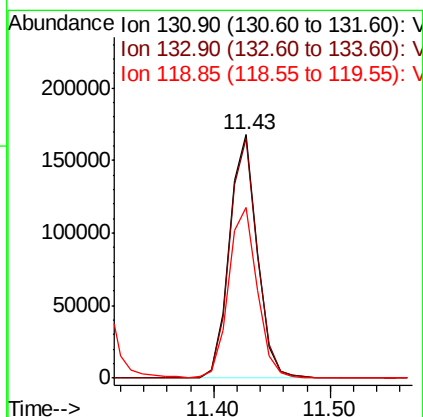
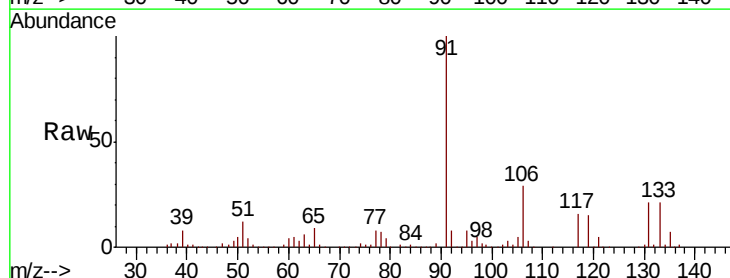
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

Tot Ion:112 Resp: 832243  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.247 ug/l  
RT: 11.43 min Scan# 1006  
Delta R.T. 0.00 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion:131 Resp: 277350  
Ion Ratio Lower Upper  
131 100  
133 98.4 50.0 150.0  
119 70.2 37.0 111.1

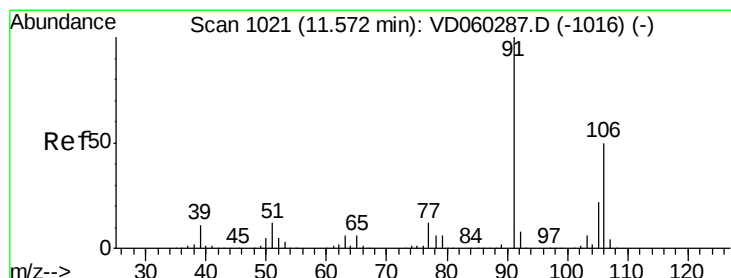
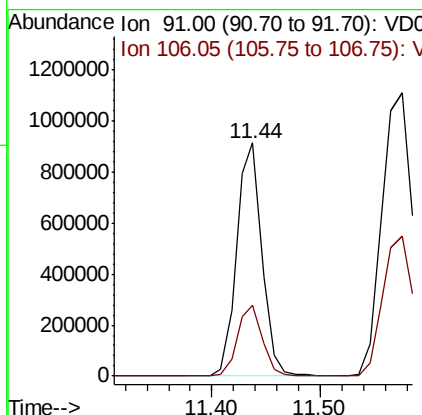
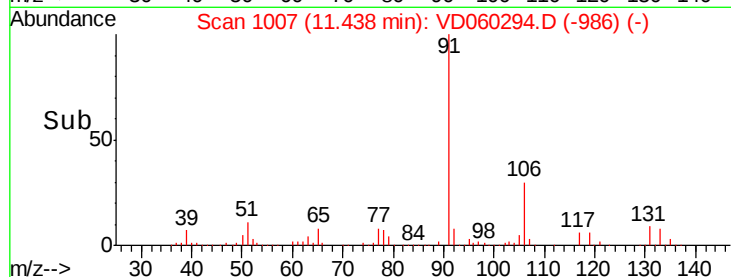
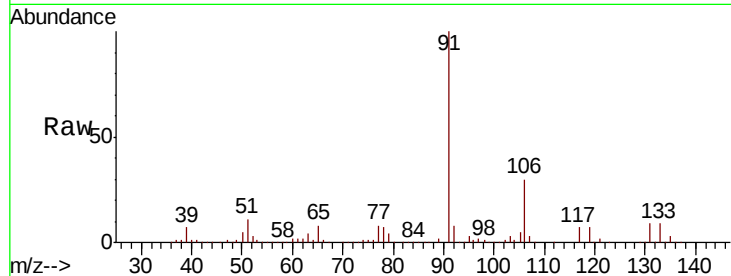




#67  
Ethyl Benzene  
Concen: 22.643 ug/l  
RT: 11.44 min Scan# 1007  
Delta R.T. 0.00 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

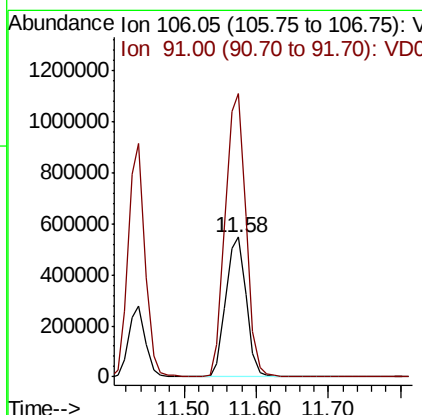
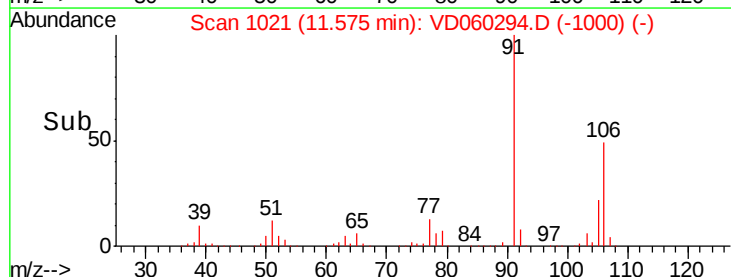
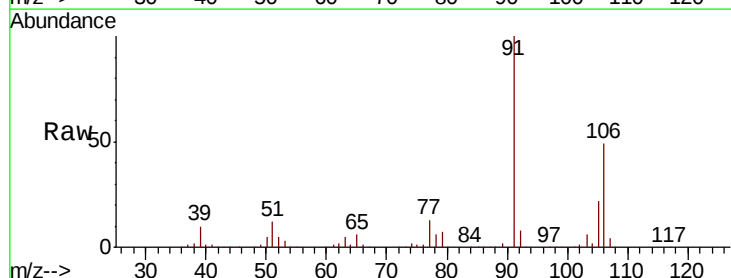
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

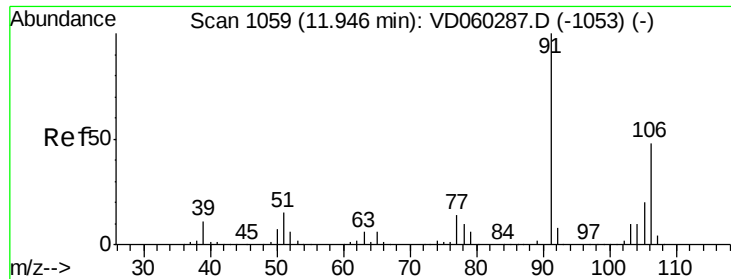
Tot Ion: 91 Resp: 1475880  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.6 36.8



#68  
m/p-Xylenes  
Concen: 44.860 ug/l  
RT: 11.58 min Scan# 1021  
Delta R.T. 0.00 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion: 106 Resp: 1078612  
Ion Ratio Lower Upper  
106 100  
91 202.5 159.4 239.2

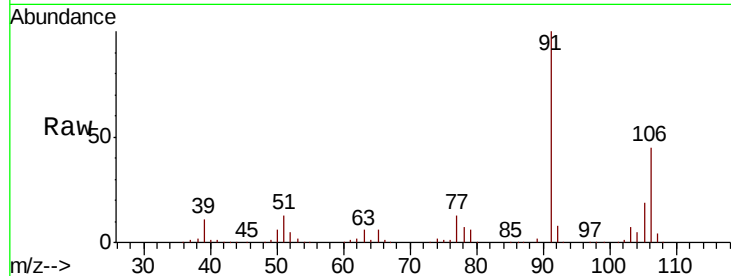




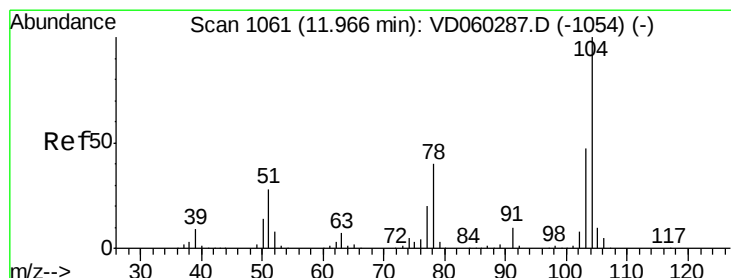
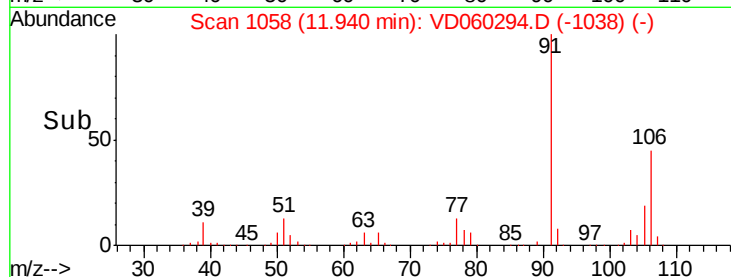
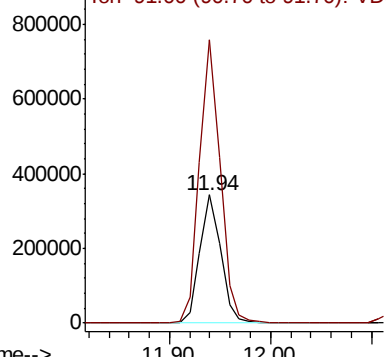
#69  
o-Xylene  
Concen: 21.443 ug/l  
RT: 11.94 min Scan# 1058  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

Tot Ion:106 Resp: 498099  
Ion Ratio Lower Upper  
106 100  
91 220.9 109.2 327.6

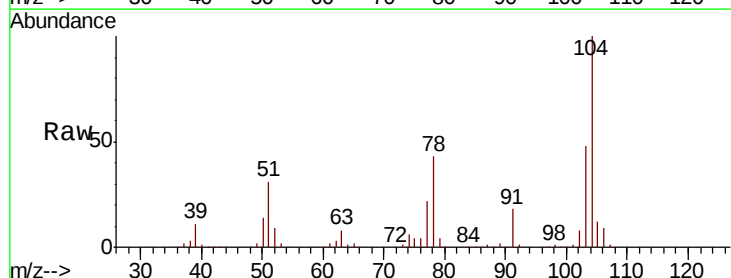


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

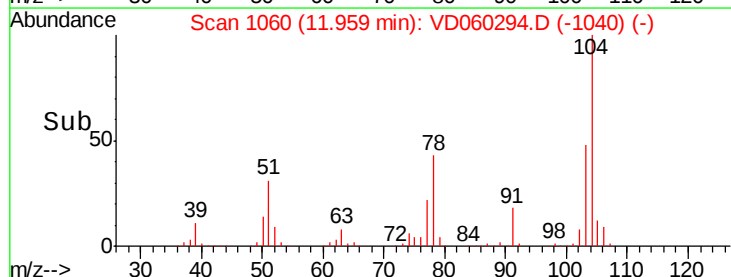
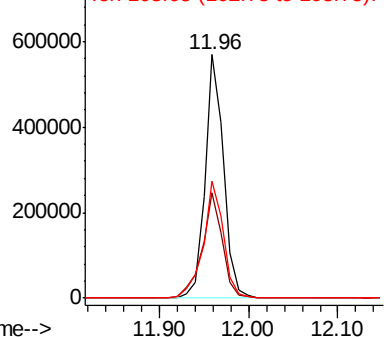


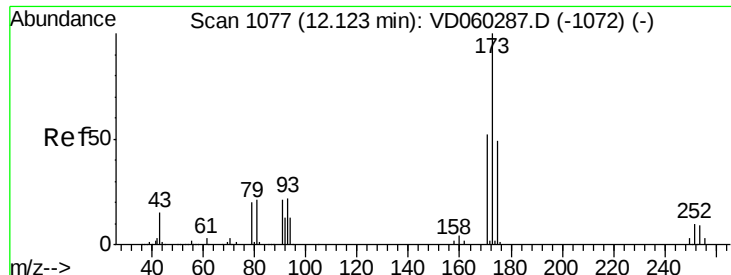
#70  
Styrene  
Concen: 22.079 ug/l  
RT: 11.96 min Scan# 1060  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion:104 Resp: 828840  
Ion Ratio Lower Upper  
104 100  
78 43.2 31.6 47.4  
103 47.8 37.0 55.6



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: 20.587 ug/l

RT: 12.13 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1107SBS01

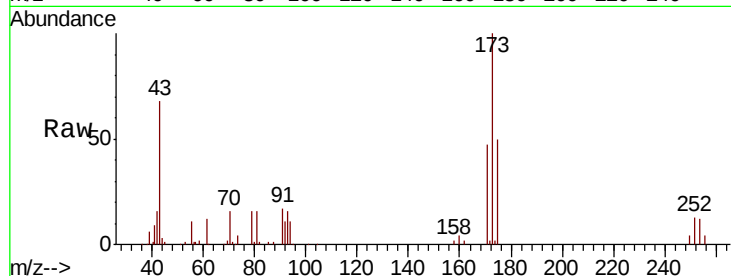
Tot Ion:173 Resp: 172465

Ion Ratio Lower Upper

173 100

175 49.8 24.3 73.0

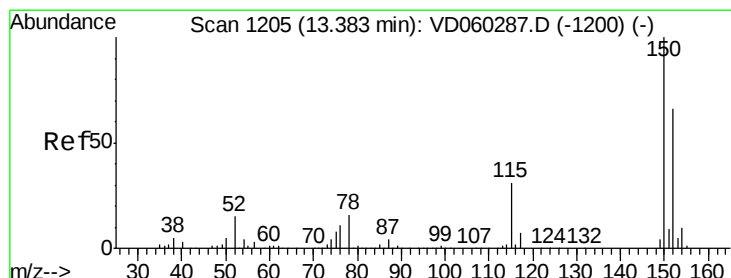
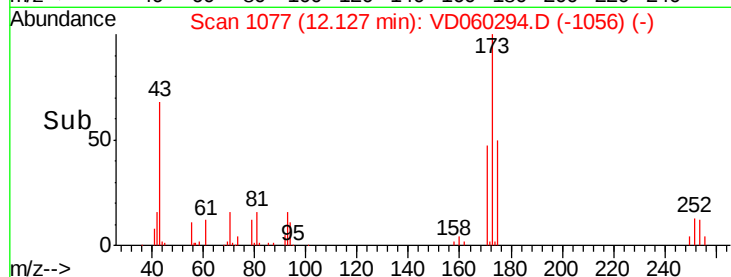
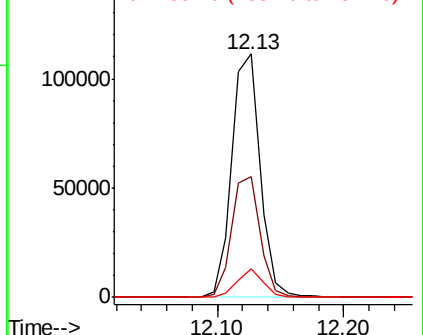
254 11.5 8.3 12.5



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

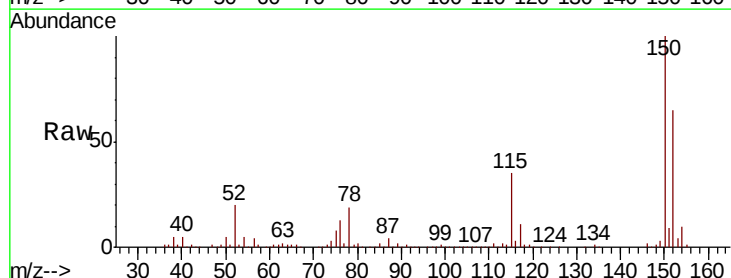
Tgt Ion:152 Resp: 908823

Ion Ratio Lower Upper

152 100

115 53.5 24.1 72.3

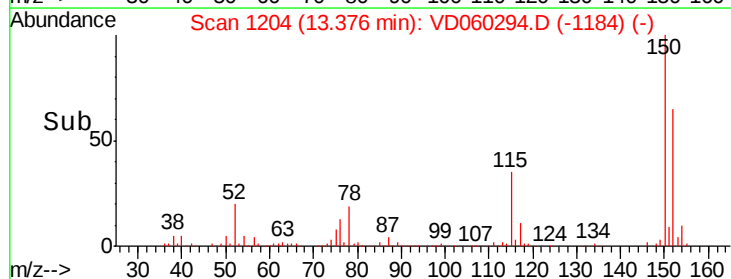
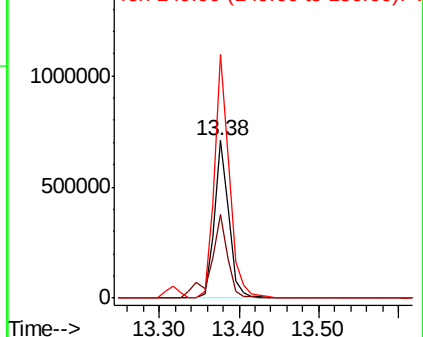
150 154.5 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.972 ug/l

RT: 12.28 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

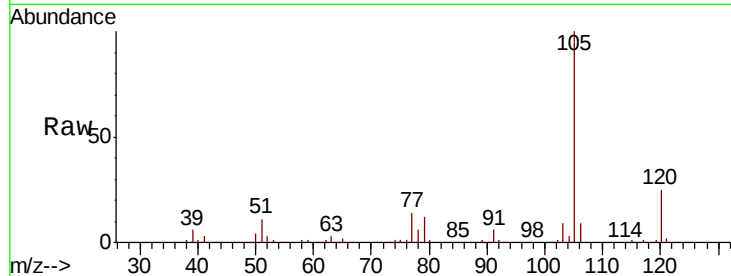
VD1107SBS01

Tot Ion:105 Resp: 1454894

Ion Ratio Lower Upper

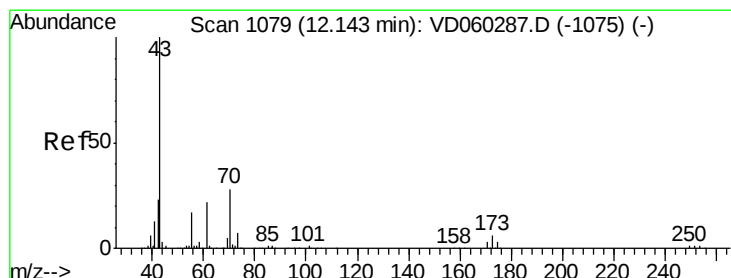
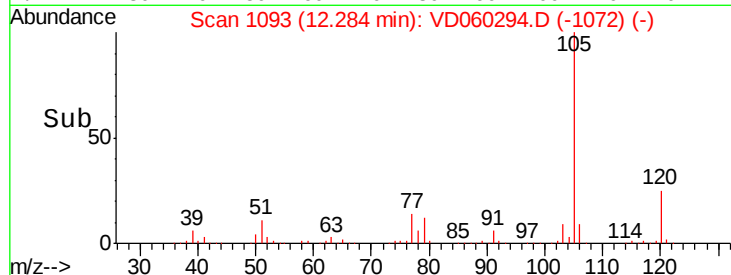
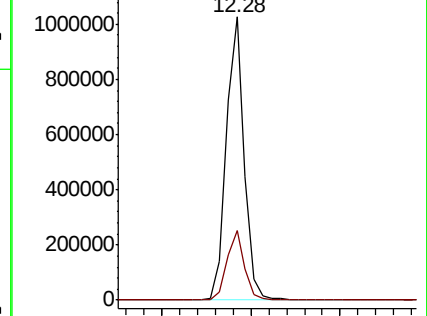
105 100

120 24.6 12.1 36.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 20.480 ug/l

RT: 12.14 min Scan# 1078

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Tgt Ion: 43 Resp: 347670

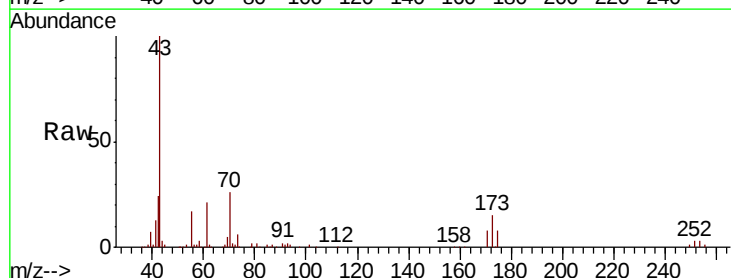
Ion Ratio Lower Upper

43 100

70 25.9 23.0 34.4

55 16.8 14.2 21.4

61 21.5 17.8 26.8

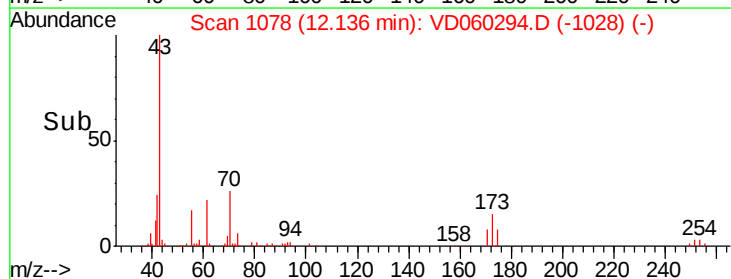
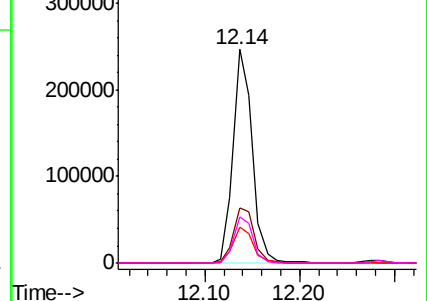


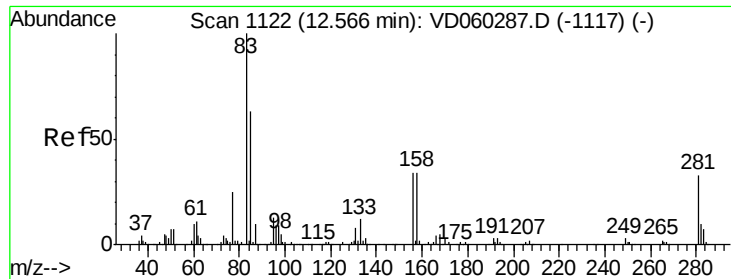
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.448 ug/l

RT: 12.57 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1107SBS01

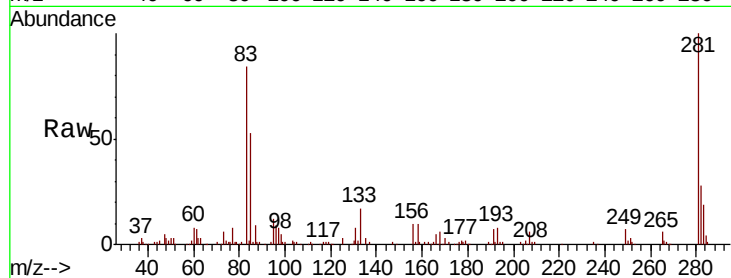
Tot Ion: 83 Resp: 221430

Ion Ratio Lower Upper

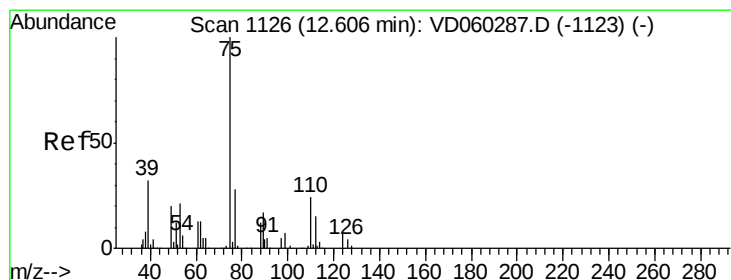
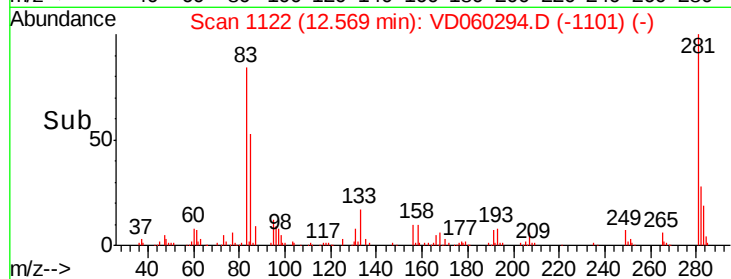
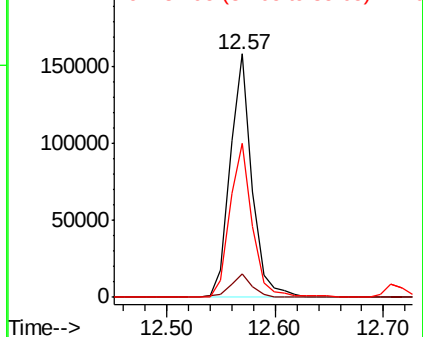
83 100

131 9.4 3.9 11.5

85 63.1 32.0 96.0



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: 20.688 ug/l

RT: 12.60 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VD060294.D

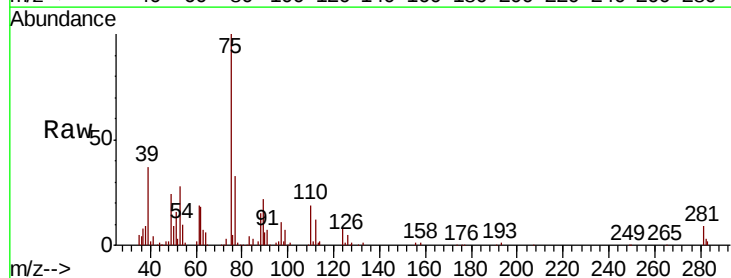
Acq: 7 Nov 2018 12:00

Tgt Ion: 75 Resp: 224914

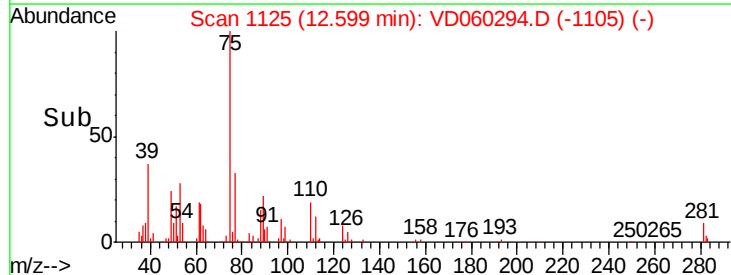
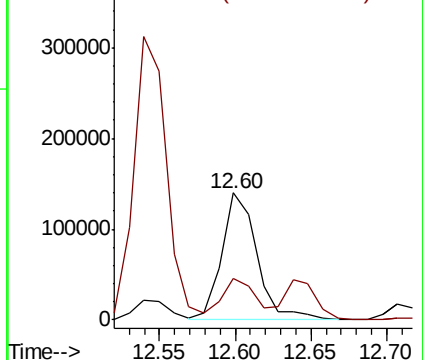
Ion Ratio Lower Upper

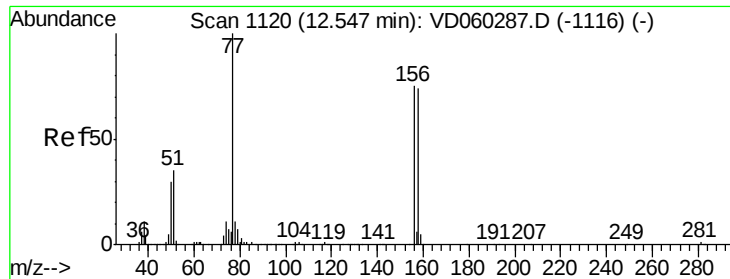
75 100

77 32.7 16.4 49.1



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





#77

Bromobenzene

Concen: 21.302 ug/l

RT: 12.55 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1107SBS01

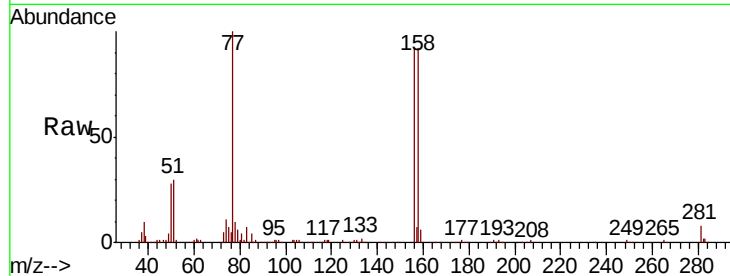
Tot Ion:156 Resp: 374660

Ion Ratio Lower Upper

156 100

77 108.4 61.2 183.6

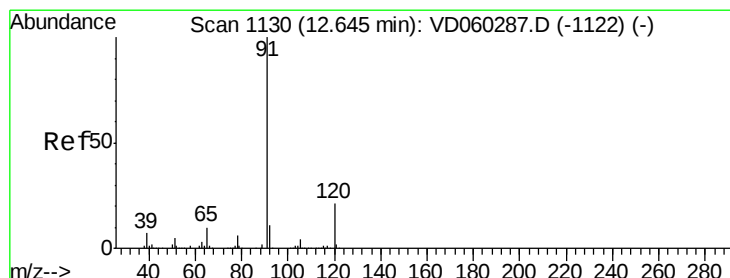
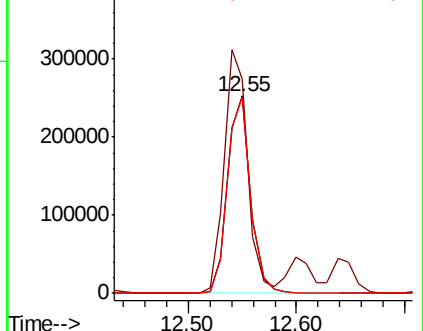
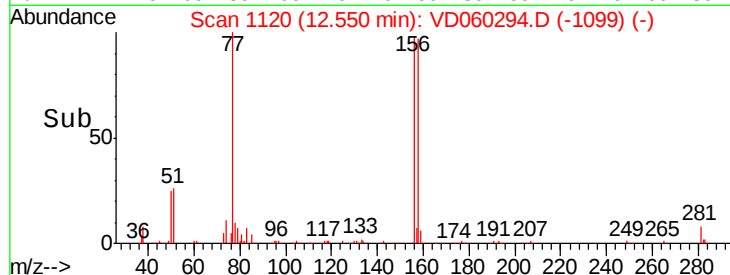
158 99.7 49.2 147.6



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: 22.113 ug/l

RT: 12.64 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VD060294.D

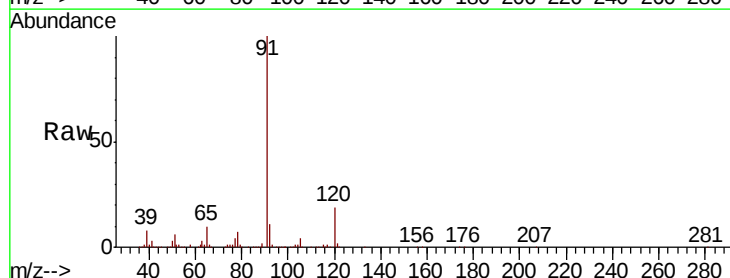
Acq: 7 Nov 2018 12:00

Tgt Ion: 91 Resp: 1827624

Ion Ratio Lower Upper

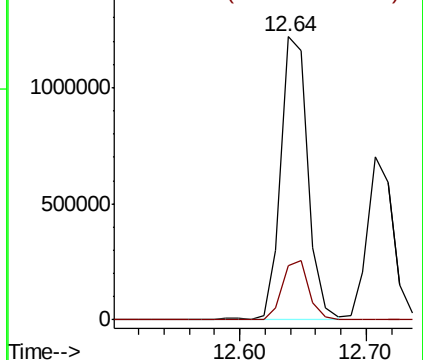
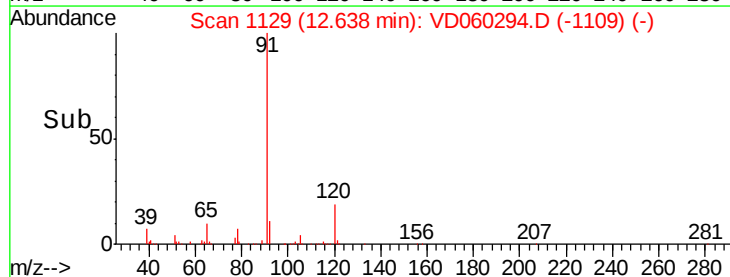
91 100

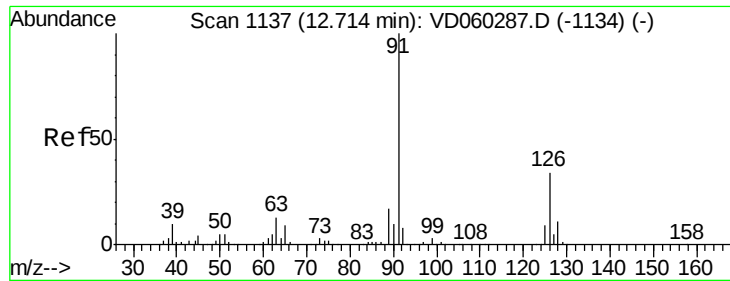
120 19.0 10.4 31.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

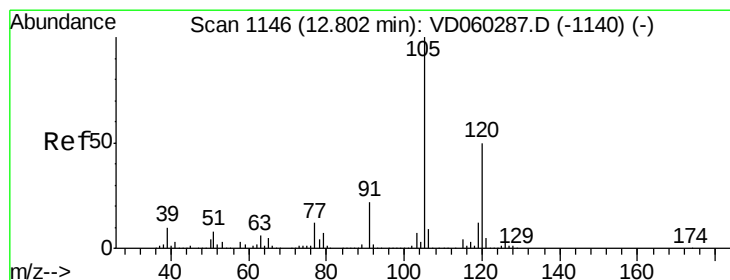
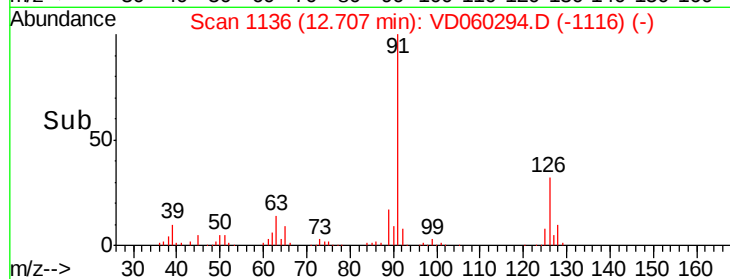
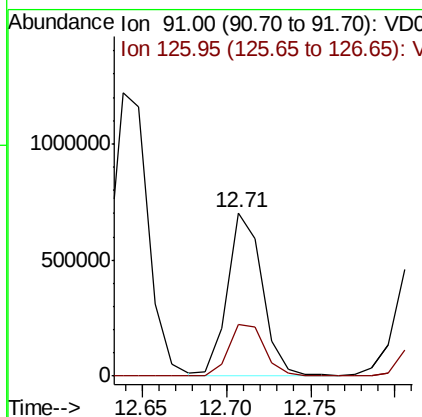
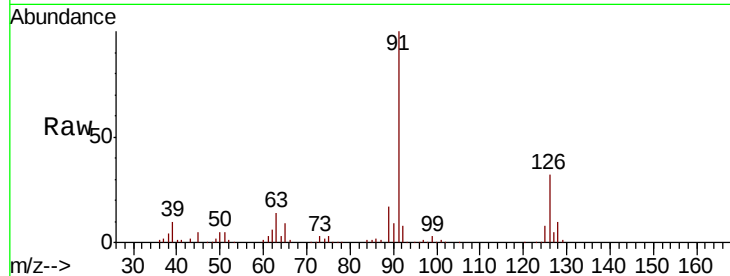




#79  
 2-Chlorotoluene  
 Concen: 22.218 ug/l  
 RT: 12.71 min Scan# 1136  
 Delta R.T. -0.01 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

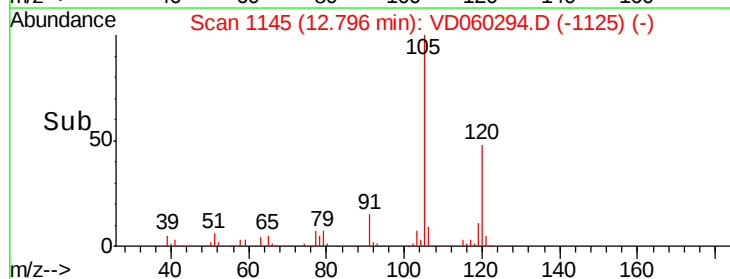
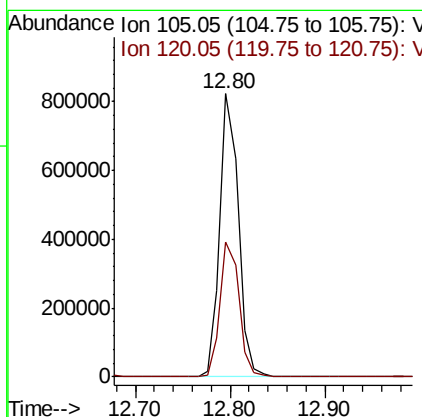
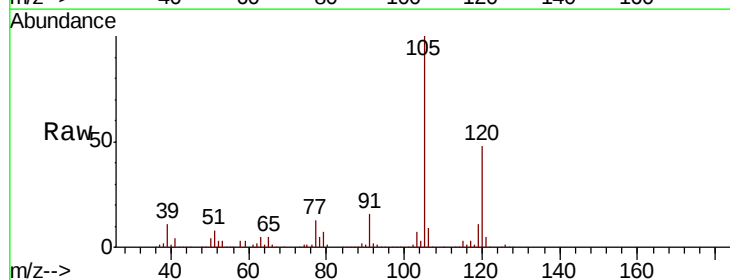
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1107SBS01

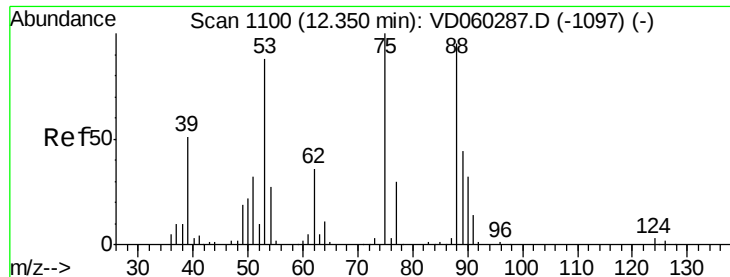
Tot Ion: 91 Resp: 1005721  
 Ion Ratio Lower Upper  
 91 100  
 126 31.7 17.4 52.2



#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.752 ug/l  
 RT: 12.80 min Scan# 1145  
 Delta R.T. -0.01 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

Tgt Ion:105 Resp: 1119337  
 Ion Ratio Lower Upper  
 105 100  
 120 47.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.629 ug/l

RT: 12.34 min Scan# 1099

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1107SBS01

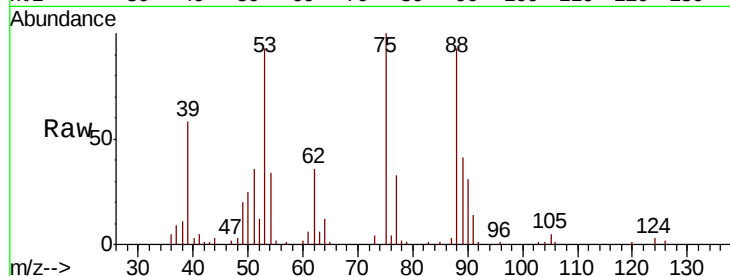
Tot Ion: 75 Resp: 63851

Ion Ratio Lower Upper

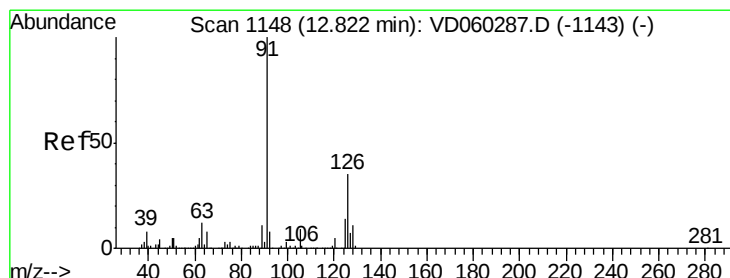
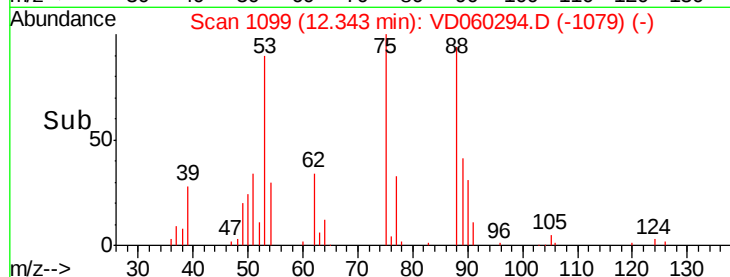
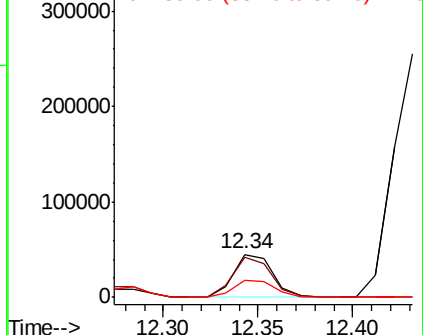
75 100

53 93.4 68.6 103.0

89 40.8 34.1 51.1



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: 22.199 ug/l

RT: 12.82 min Scan# 1147

Delta R.T. -0.01 min

Lab File: VD060294.D

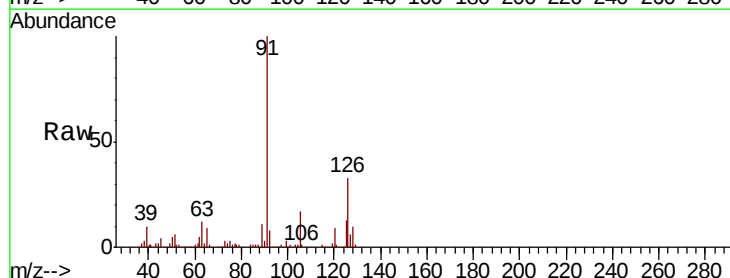
Acq: 7 Nov 2018 12:00

Tgt Ion: 91 Resp: 1128762

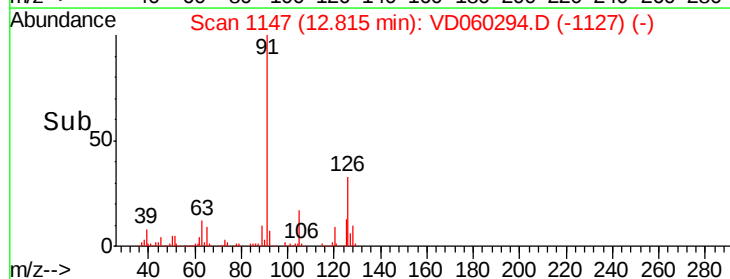
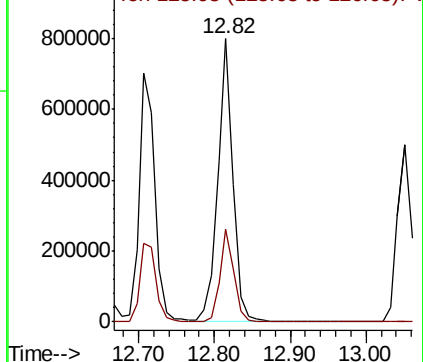
Ion Ratio Lower Upper

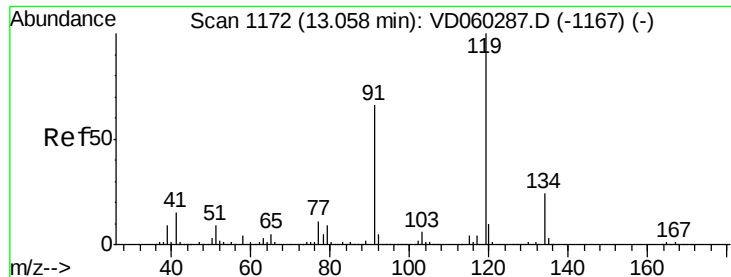
91 100

126 32.7 14.8 44.4



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

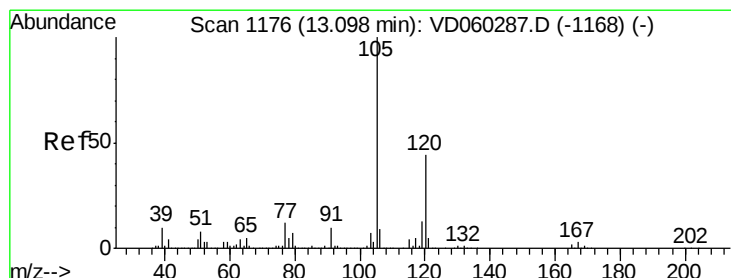
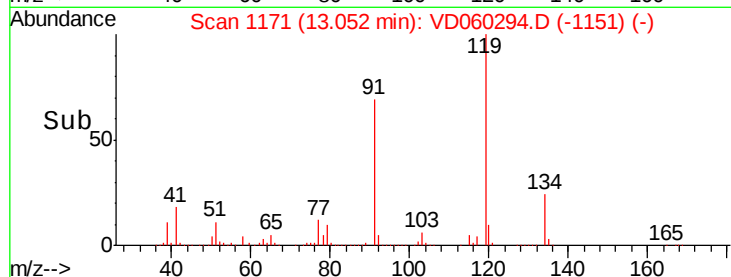
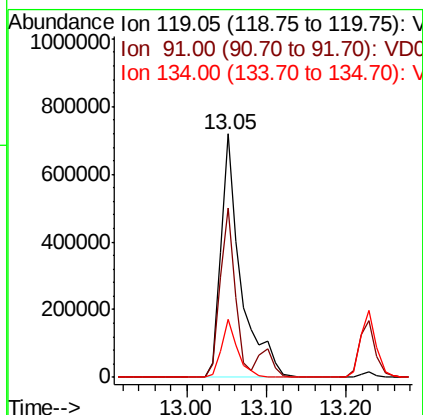
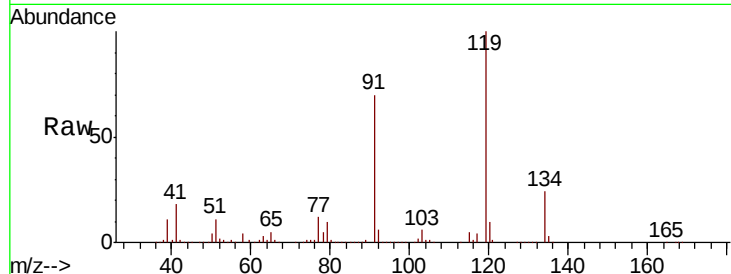




#83  
tert-Butylbenzene  
Concen: 22.217 ug/l  
RT: 13.05 min Scan# 1171  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

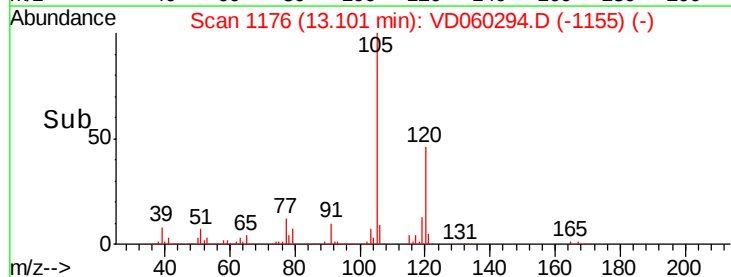
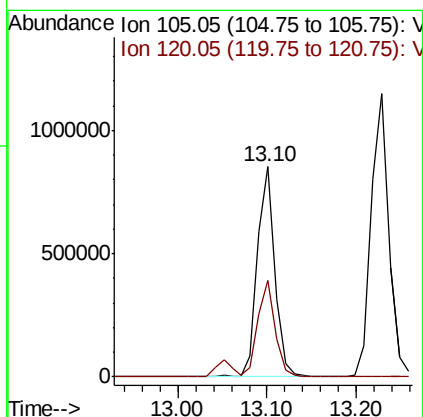
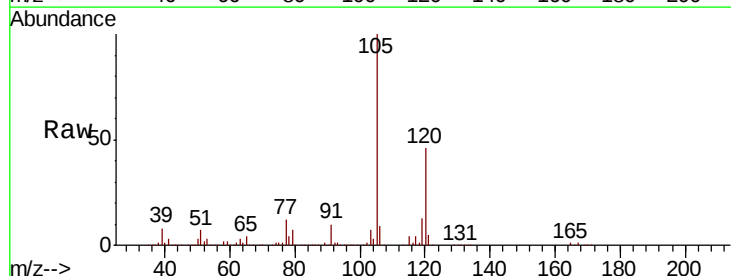
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

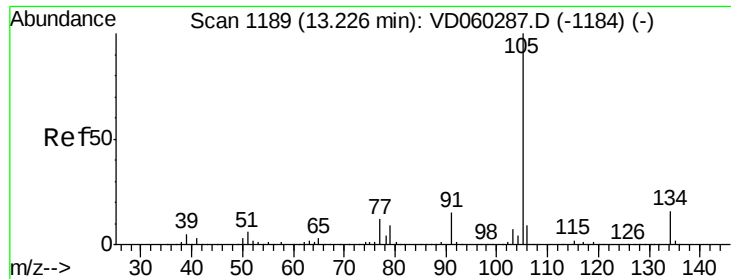
Tot Ion:119 Resp: 1269280  
Ion Ratio Lower Upper  
119 100  
91 69.7 32.7 98.1  
134 24.1 12.1 36.3



#84  
1,2,4-Trimethylbenzene  
Concen: 22.152 ug/l  
RT: 13.10 min Scan# 1176  
Delta R.T. 0.00 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion:105 Resp: 1138446  
Ion Ratio Lower Upper  
105 100  
120 46.2 21.9 65.8

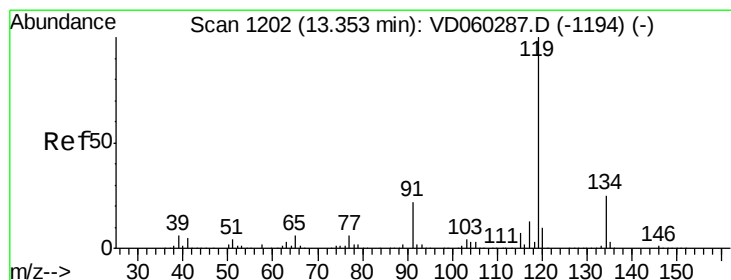
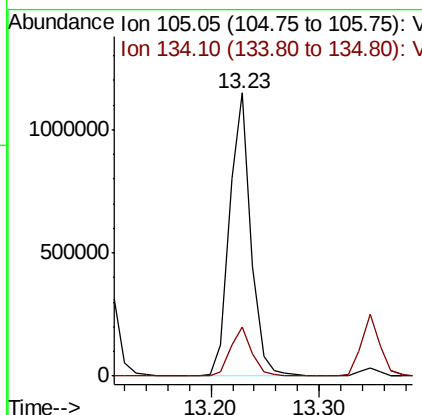
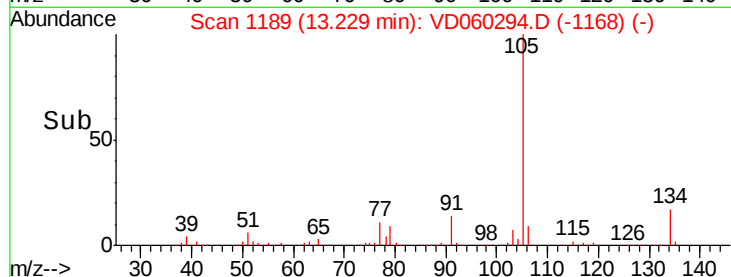
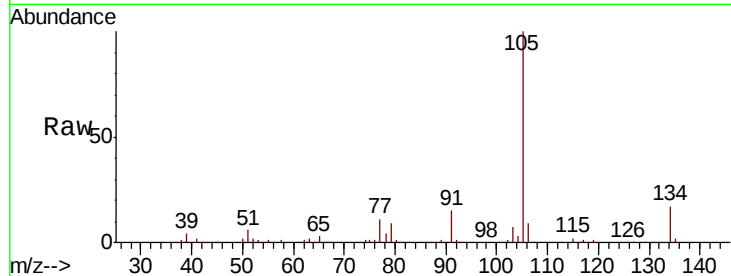




#85  
 sec-Butylbenzene  
 Concen: 22.178 ug/l  
 RT: 13.23 min Scan# 1189  
 Delta R.T. 0.00 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

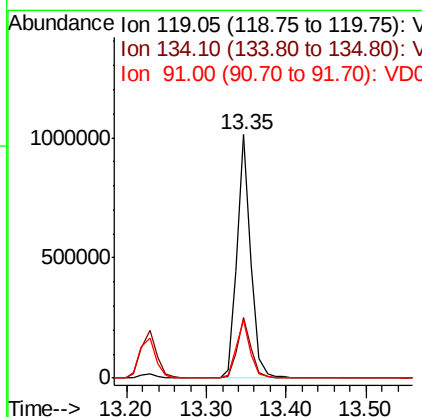
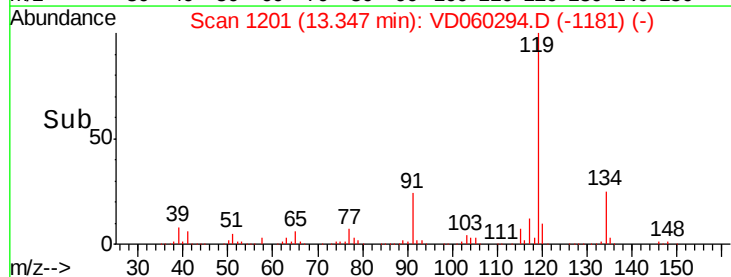
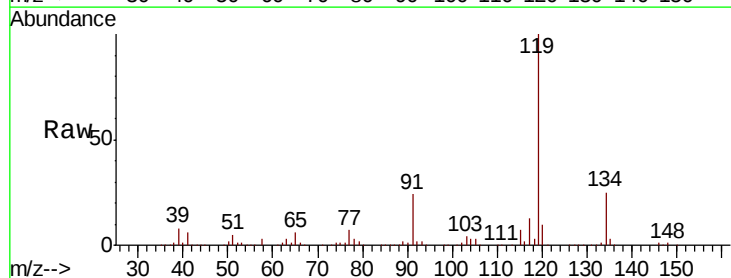
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1107SBS01

Tot Ion:105 Resp: 1554518  
 Ion Ratio Lower Upper  
 105 100  
 134 17.2 8.0 24.0



#86  
 p-Isopropyltoluene  
 Concen: 21.805 ug/l  
 RT: 13.35 min Scan# 1201  
 Delta R.T. -0.01 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

Tgt Ion:119 Resp: 1230767  
 Ion Ratio Lower Upper  
 119 100  
 134 24.7 12.9 38.6  
 91 23.8 11.3 33.8

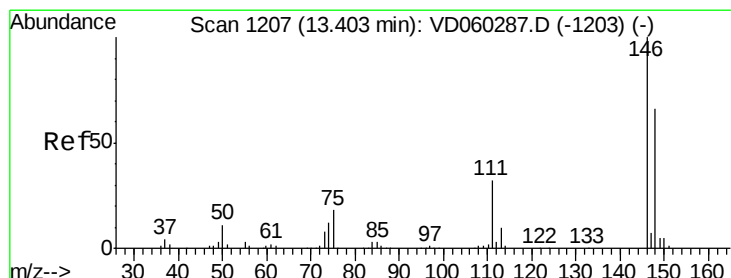
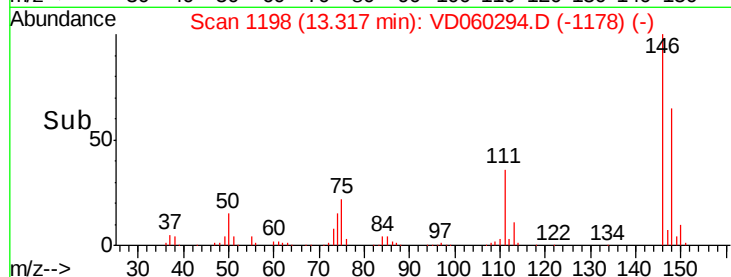
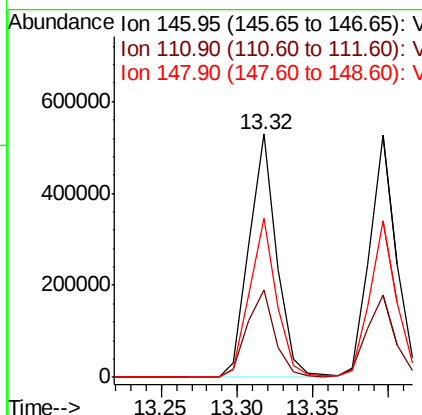
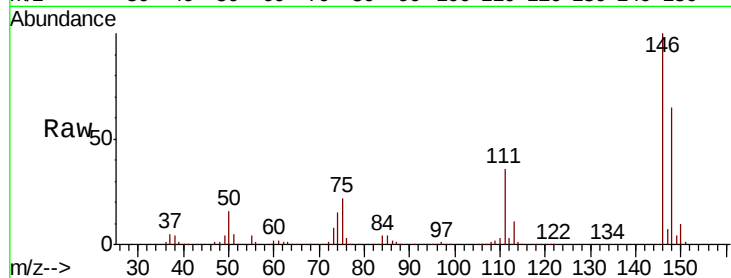




#87  
 1,3-Dichlorobenzene  
 Concen: 21.551 ug/l  
 RT: 13.32 min Scan# 1198  
 Delta R.T. -0.01 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

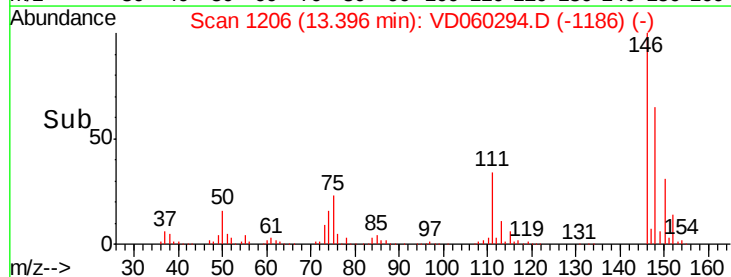
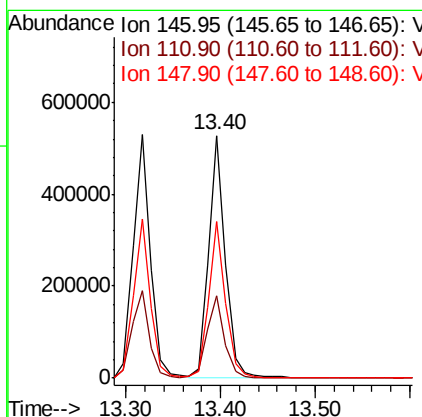
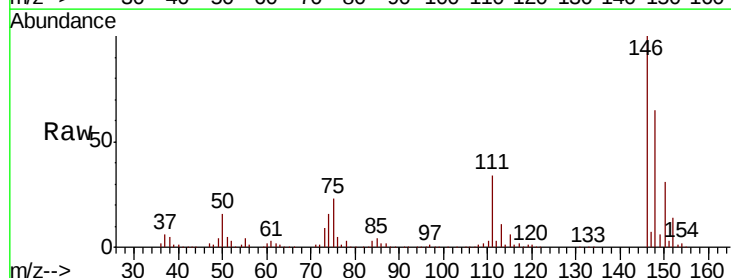
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1107SBS01

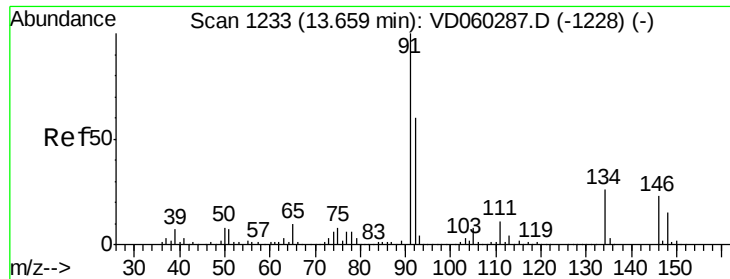
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.9  | 20.2  | 60.5  |
| 148     | 65.5  | 32.0  | 96.0  |



#88  
 1,4-Dichlorobenzene  
 Concen: 21.375 ug/l  
 RT: 13.40 min Scan# 1206  
 Delta R.T. -0.01 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 34.0  | 16.0  | 47.9  |
| 148     | 64.5  | 32.9  | 98.7  |

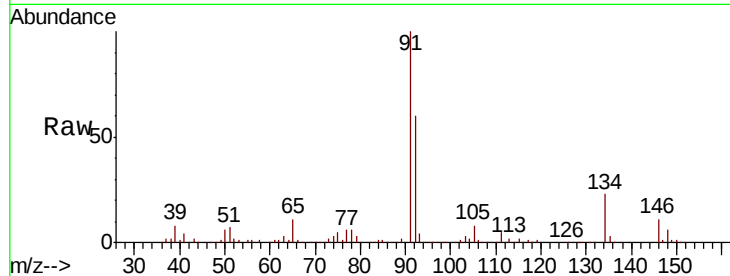




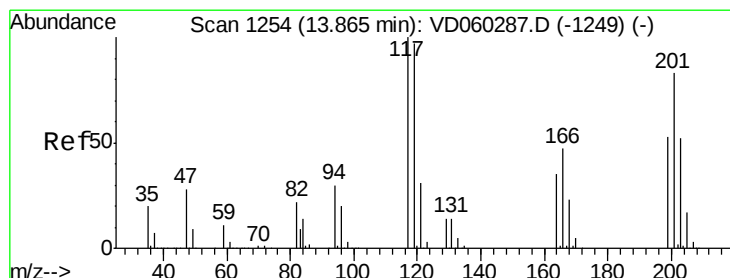
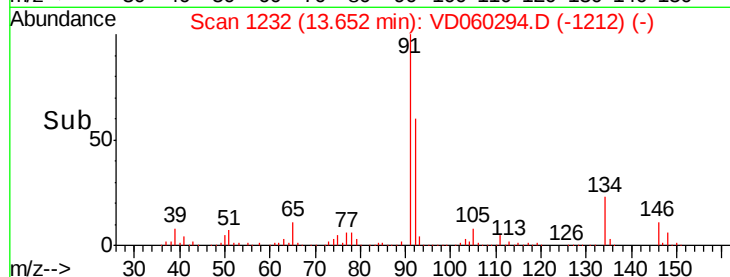
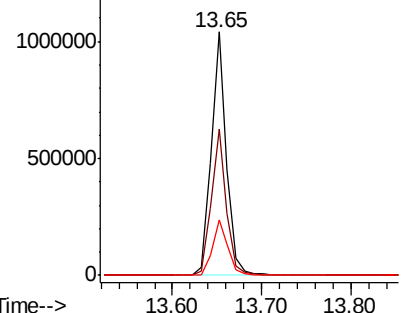
#89  
n-Butylbenzene  
Concen: 20.091 ug/l  
RT: 13.65 min Scan# 1232  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

Tot Ion: 91 Resp: 1246709  
Ion Ratio Lower Upper  
91 100  
92 60.0 30.3 90.9  
134 22.7 13.0 38.9

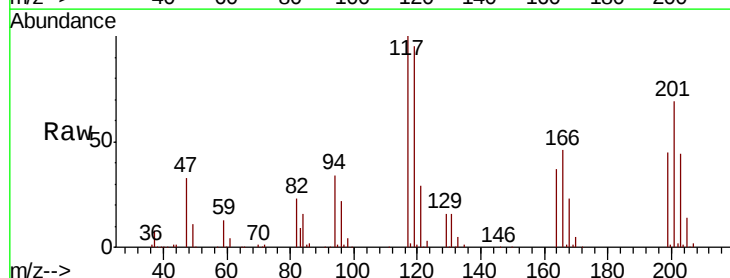


Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 92.00 (91.70 to 92.70): VDC  
Ion 134.10 (133.80 to 134.80): V

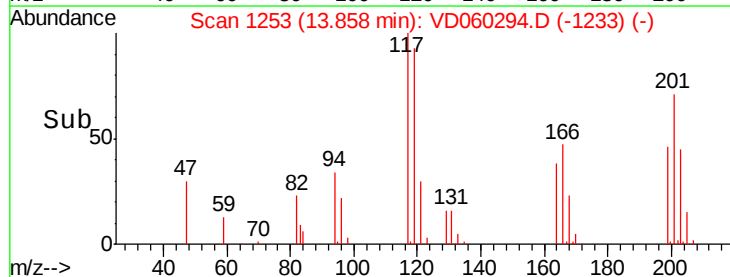
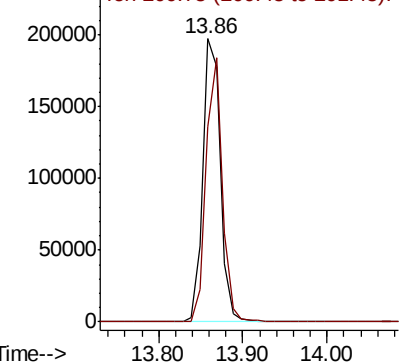


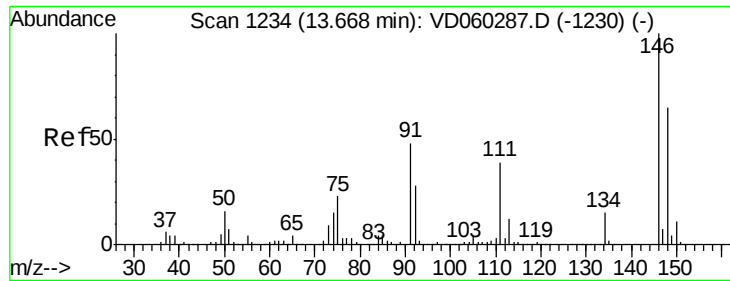
#90  
Hexachloroethane  
Concen: 21.308 ug/l  
RT: 13.86 min Scan# 1253  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion: 117 Resp: 285201  
Ion Ratio Lower Upper  
117 100  
201 69.1 40.1 120.3



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 200.75 (200.45 to 201.45): V





#91

1,2-Dichlorobenzene

Concen: 21.798 ug/l

RT: 13.66 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1107SBS01

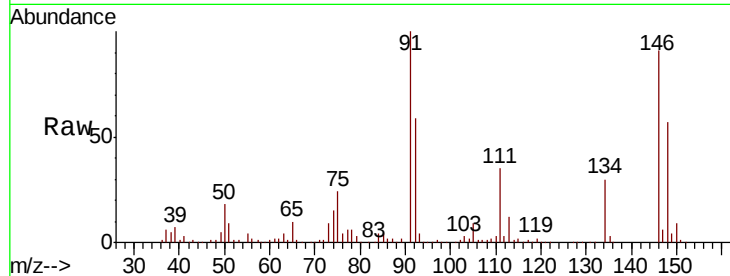
Tot Ion:146 Resp: 560261

Ion Ratio Lower Upper

146 100

111 38.0 18.9 56.9

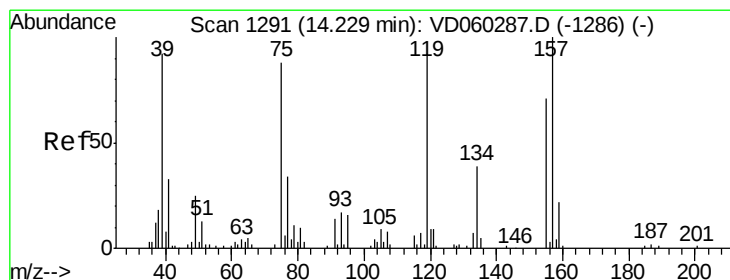
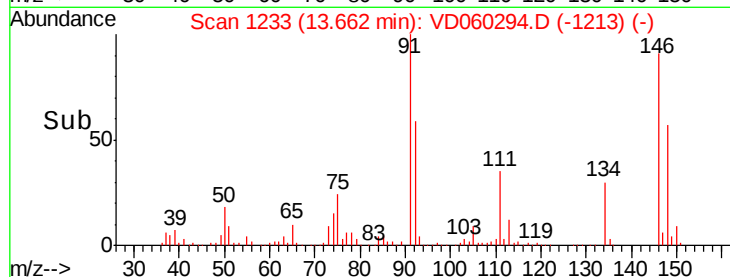
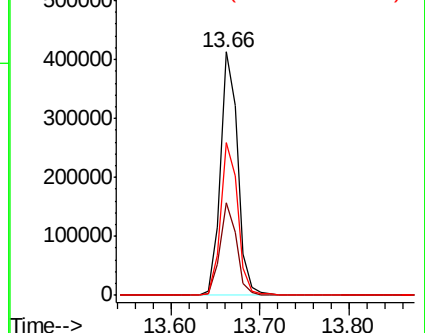
148 62.9 31.6 94.8



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: 19.769 ug/l

RT: 14.23 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VD060294.D

Acq: 7 Nov 2018 12:00

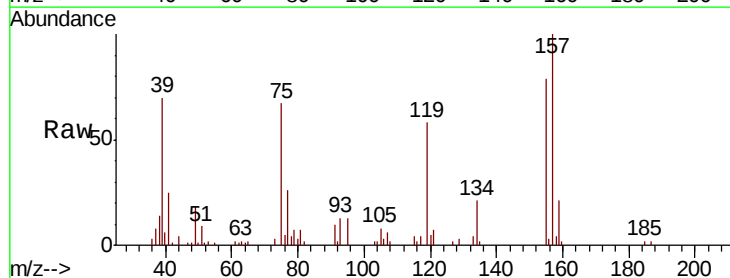
Tgt Ion: 75 Resp: 25842

Ion Ratio Lower Upper

75 100

155 118.2 64.3 192.9

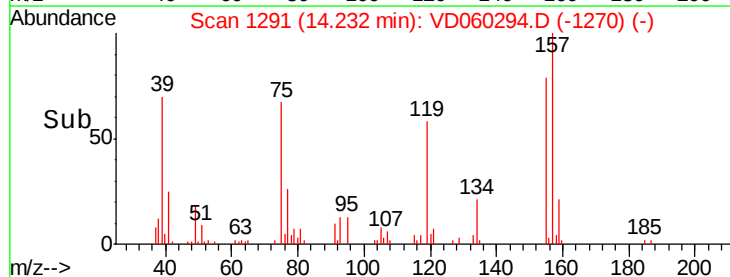
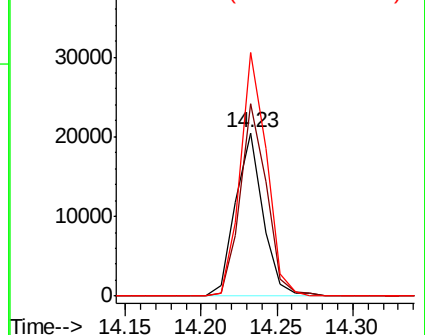
157 149.2 81.0 243.1

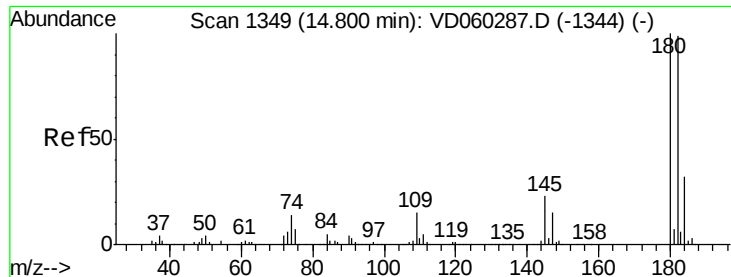


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

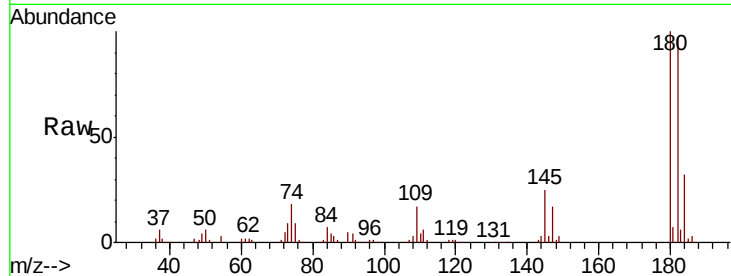




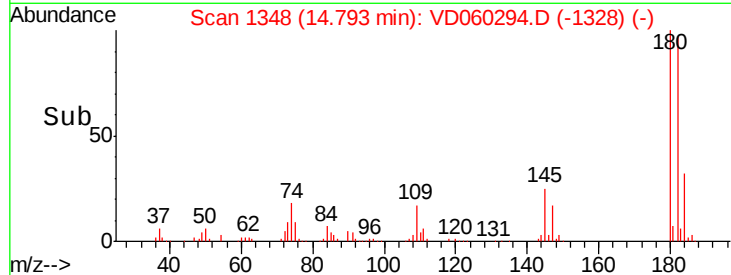
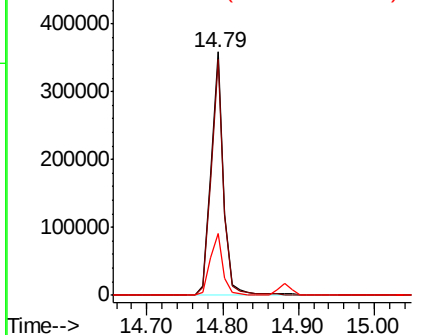
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.650 ug/l  
 RT: 14.79 min Scan# 1348  
 Delta R.T. -0.01 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1107SBS01

Tot Ion:180 Resp: 420823  
 Ion Ratio Lower Upper  
 180 100  
 182 97.1 48.1 144.4  
 145 25.4 11.5 34.4

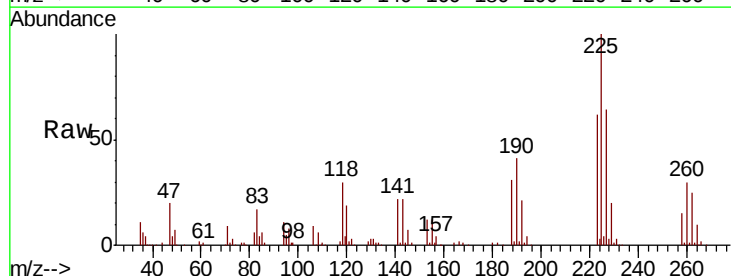


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

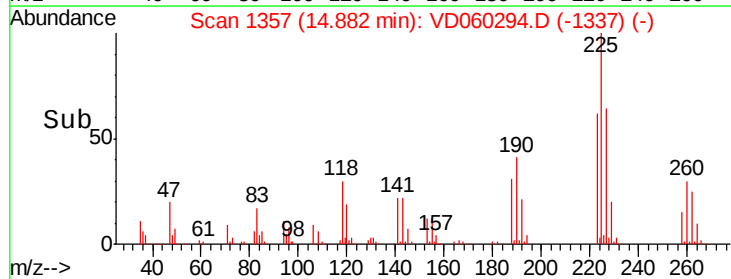
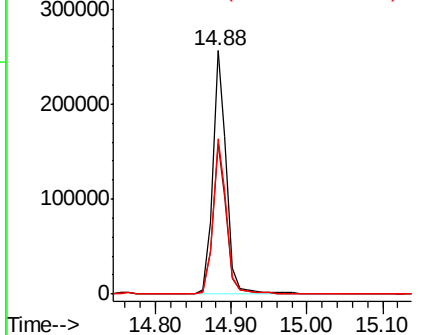


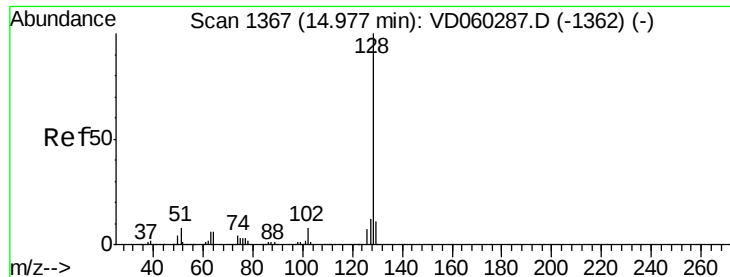
#94  
 Hexachlorobutadiene  
 Concen: 21.557 ug/l  
 RT: 14.88 min Scan# 1357  
 Delta R.T. -0.01 min  
 Lab File: VD060294.D  
 Acq: 7 Nov 2018 12:00

Tgt Ion:225 Resp: 328590  
 Ion Ratio Lower Upper  
 225 100  
 223 61.6 31.6 94.8  
 227 64.0 32.3 96.9



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

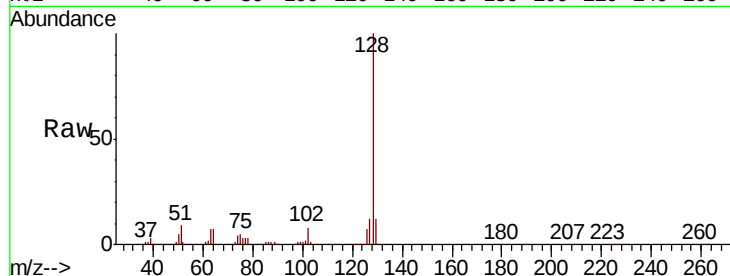




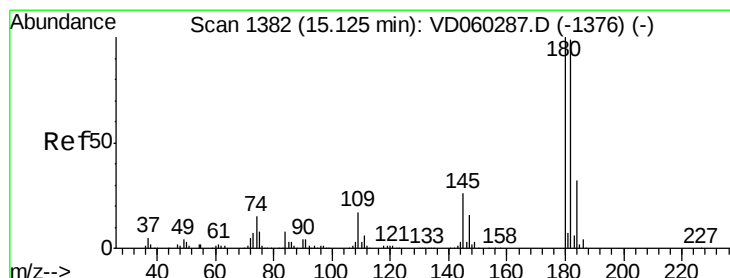
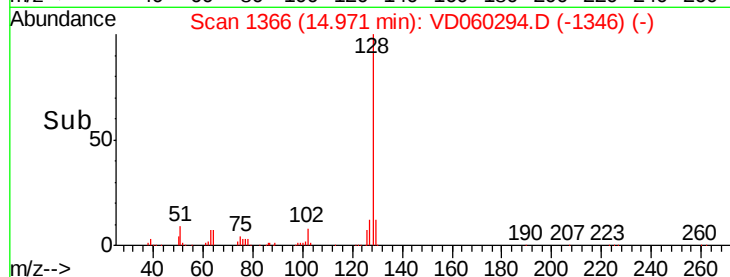
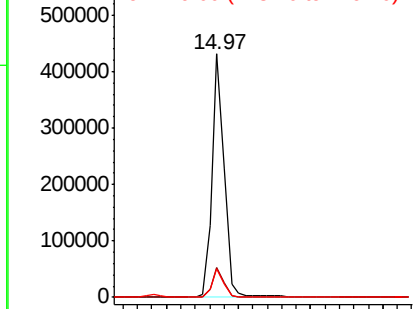
#95  
Naphthalene  
Concen: 20.115 ug/l  
RT: 14.97 min Scan# 1366  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1107SBS01

Tot Ion:128 Resp: 500541  
Ion Ratio Lower Upper  
128 100  
127 12.2 9.6 14.4  
129 11.7 8.6 12.8

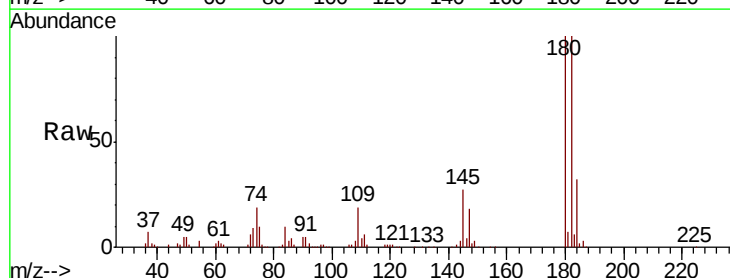


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 20.024 ug/l  
RT: 15.12 min Scan# 1381  
Delta R.T. -0.01 min  
Lab File: VD060294.D  
Acq: 7 Nov 2018 12:00

Tgt Ion:180 Resp: 326991  
Ion Ratio Lower Upper  
180 100  
182 100.4 48.9 146.7  
145 27.5 12.9 38.6



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

