

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD060718\  
 Data File : VD057986.D  
 Acq On : 7 Jun 2018 21:59  
 Operator : JC/SY  
 Sample : VSTDCCC050EC  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 08 06:51:37 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060618S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 07 08:57:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 911516   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.68  | 114  | 1255228  | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 10.68 | 117  | 1015073  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.90 | 152  | 504483   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |       |
|-----------------------------|--------|-----|----------|-------|---------|-------|
| System Monitoring Compounds |        |     |          |       |         |       |
| 33) 1,2-Dichloroethane-d4   | 6.01   | 65  | 459126   | 50.38 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.76% |       |
| 35) Dibromofluoromethane    | 5.54   | 113 | 494289   | 50.90 | ug/l    | -0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.80% |       |
| 50) Toluene-d8              | 8.70   | 98  | 1136498  | 49.22 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.44%  |       |
| 62) 4-Bromofluorobenzene    | 11.92  | 95  | 492092   | 48.86 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.72%  |       |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.35 | 85  | 575964  | 47.080  | ug/l   | 99     |
| 3) Chloromethane              | 1.49 | 50  | 303749  | 50.414  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.56 | 62  | 308140  | 52.835  | ug/l   | 97     |
| 5) Bromomethane               | 1.80 | 94  | 113500  | 49.655  | ug/l   | 96     |
| 6) Chloroethane               | 1.89 | 64  | 129066  | 56.091  | ug/l # | 86     |
| 7) Trichlorofluoromethane     | 2.09 | 101 | 412657  | 51.761  | ug/l   | 97     |
| 8) Diethyl Ether              | 2.35 | 74  | 89300   | 60.297  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.56 | 101 | 251062  | 52.797  | ug/l   | 95     |
| 10) Methyl Iodide             | 2.69 | 142 | 336820  | 54.894  | ug/l   | 90     |
| 11) Tert butyl alcohol        | 3.26 | 59  | 93438   | 382.751 | ug/l   | 95     |
| 12) 1,1-Dichloroethene        | 2.55 | 96  | 192824  | 52.745  | ug/l   | 95     |
| 13) Acrolein                  | 2.47 | 56  | 89549   | 256.135 | ug/l   | 99     |
| 14) Allyl chloride            | 2.92 | 41  | 458274  | 54.342  | ug/l   | 97     |
| 15) Acrylonitrile             | 3.35 | 53  | 403968  | 282.861 | ug/l   | 94     |
| 16) Acetone                   | 2.62 | 43  | 339219  | 258.369 | ug/l   | 96     |
| 17) Carbon Disulfide          | 2.76 | 76  | 719987  | 54.365  | ug/l   | 98     |
| 18) Methyl Acetate            | 2.93 | 43  | 143846  | 56.636  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 3.40 | 73  | 888943  | 55.262  | ug/l   | 98     |
| 20) Methylene Chloride        | 3.07 | 84  | 217431  | 60.282  | ug/l   | 90     |
| 21) trans-1,2-Dichloroethene  | 3.38 | 96  | 428317  | 52.602  | ug/l   | 97     |
| 22) Diisopropyl ether         | 4.06 | 45  | 1829711 | 54.766  | ug/l   | 91     |
| 23) Vinyl Acetate             | 4.01 | 43  | 4958449 | 287.244 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 3.97 | 63  | 963176  | 52.456  | ug/l   | 98     |
| 25) 2-Butanone                | 4.83 | 43  | 795585  | 266.637 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 4.79 | 77  | 732911  | 48.455  | ug/l   | 94     |
| 27) cis-1,2-Dichloroethene    | 4.80 | 96  | 498997  | 51.670  | ug/l   | 96     |
| 28) Bromochloromethane        | 5.14 | 49  | 466093  | 58.649  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 5.19 | 42  | 451268  | 288.513 | ug/l   | 98     |
| 30) Chloroform                | 5.31 | 83  | 993426  | 53.758  | ug/l   | 97     |
| 31) Cyclohexane               | 5.59 | 56  | 747024  | 47.143  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 5.51 | 97  | 821987  | 53.125  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 5.74 | 75  | 706878  | 51.115  | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.92 | 43  | 432033  | 57.254  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 5.72 | 117 | 691890  | 50.765  | ug/l   | 99     |

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 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Jun 08 06:51:37 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060618S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 07 08:57:33 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.27  | 83   | 695005   | 50.696   | ug/l   | 98       |
| 40) Benzene                    | 6.01  | 78   | 1599782  | 49.520   | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.12  | 41   | 203917   | 59.101   | ug/l # | 95       |
| 42) 1,2-Dichloroethane         | 6.12  | 62   | 690752   | 52.883   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 7.61  | 43   | 552656   | 55.914   | ug/l # | 96       |
| 44) Trichloroethene            | 6.98  | 130  | 477576   | 50.610   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.34  | 63   | 466202   | 51.922   | ug/l   | 95       |
| 46) Dibromomethane             | 7.46  | 93   | 309182   | 53.603   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.73  | 83   | 717581   | 53.133   | ug/l   | 95       |
| 48) Methyl methacrylate        | 7.50  | 41   | 329787   | 54.210   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.48  | 88   | 56988    | 1130.779 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 8.59  | 43   | 1758115  | 277.319  | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 940070   | 50.703   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.18  | 75   | 642562   | 55.224   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.36  | 75   | 745329   | 54.372   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.45  | 97   | 321849   | 53.636   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.30  | 69   | 412250   | 56.007   | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 9.65  | 76   | 551813   | 52.432   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.18  | 63   | 961237   | 258.480  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.77  | 43   | 1265411  | 272.368  | ug/l   | 97       |
| 60) Dibromochloromethane       | 9.95  | 129  | 488489   | 57.729   | ug/l   | 95       |
| 61) 1,2-Dibromoethane          | 10.09 | 107  | 379811   | 55.040   | ug/l   | 95       |
| 64) Tetrachloroethene          | 9.51  | 164  | 465759   | 51.325   | ug/l   | 98       |
| 65) Chlorobenzene              | 10.72 | 112  | 1046916  | 50.946   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.84 | 131  | 409794   | 51.905   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.85 | 91   | 1852794  | 49.907   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.00 | 106  | 1193591  | 98.621   | ug/l   | 93       |
| 69) o-Xylene                   | 11.40 | 106  | 602106   | 50.120   | ug/l   | 99       |
| 70) Styrene                    | 11.43 | 104  | 982667   | 49.412   | ug/l   | 100      |
| 71) Bromoform                  | 11.59 | 173  | 345485   | 58.169   | ug/l   | 96       |
| 73) Isopropylbenzene           | 11.76 | 105  | 1606943  | 48.091   | ug/l   | 97       |
| 74) N-amyl acetate             | 11.64 | 43   | 706464   | 54.791   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.07 | 83   | 409149   | 56.161   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.11 | 75   | 420266   | 55.458   | ug/l   | 98       |
| 77) Bromobenzene               | 12.04 | 156  | 519894   | 52.563   | ug/l   | 83       |
| 78) n-propylbenzene            | 12.15 | 91   | 2182440  | 50.193   | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.20 | 91   | 1256275  | 50.646   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.31 | 105  | 1301064  | 49.928   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.84 | 75   | 102000   | 54.343   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.32 | 91   | 1338118  | 55.841   | ug/l   | 90       |
| 83) tert-Butylbenzene          | 12.57 | 119  | 1505533  | 51.166   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 12.62 | 105  | 1385871  | 49.462   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 12.75 | 105  | 1775365  | 49.995   | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 12.88 | 119  | 1411444  | 49.315   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 12.83 | 146  | 857581   | 51.257   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.92 | 146  | 826562   | 50.704   | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.19 | 91   | 1385842  | 54.113   | ug/l   | 98       |
| 90) Hexachloroethane           | 13.40 | 117  | 395225   | 54.103   | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene        | 13.19 | 146  | 673993   | 49.848   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.77 | 75   | 68981    | 61.351   | ug/l   | 70       |

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Sample : VSTDCCC050EC  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 46 Sample Multiplier: 1

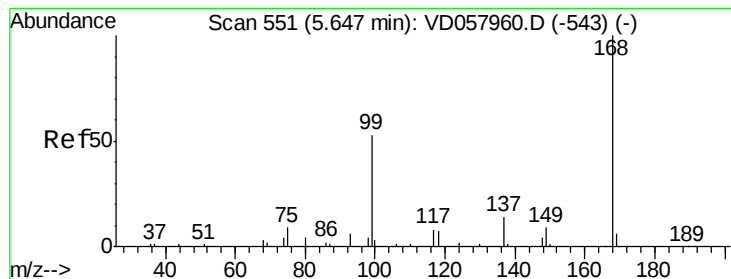
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jun 08 06:51:37 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060618S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 07 08:57:33 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.33 | 180  | 662201   | 52.422 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.43 | 225  | 504073   | 50.732 | ug/l  | 97       |
| 95) Naphthalene            | 14.51 | 128  | 904444   | 55.532 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 576498   | 53.551 | ug/l  | 95       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

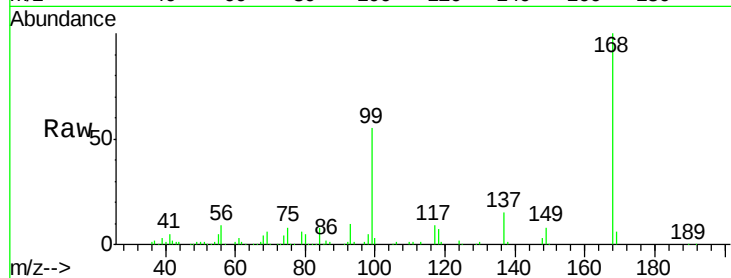
VSTDCCC050EC

Tgt Ion:168 Resp: 911516

Ion Ratio Lower Upper

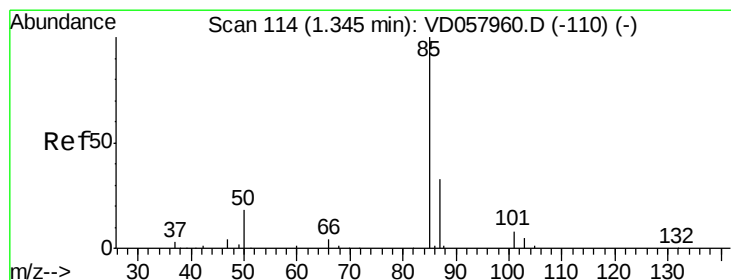
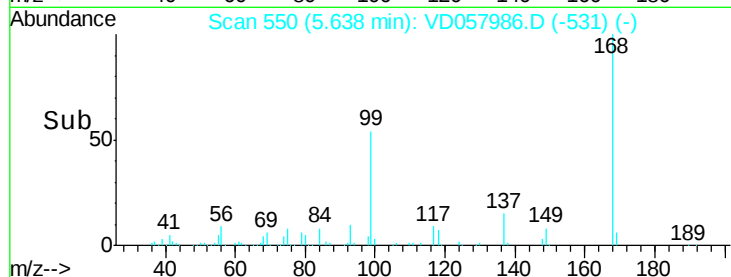
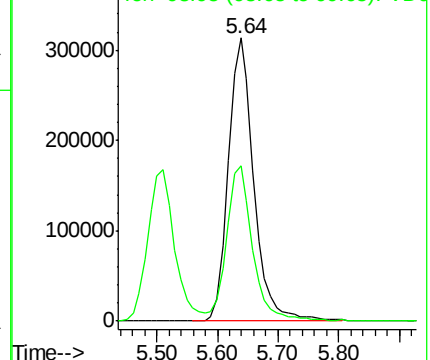
168 100

99 55.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 47.080 ug/l

RT: 1.35 min Scan# 114

Delta R.T. 0.00 min

Lab File: VD057986.D

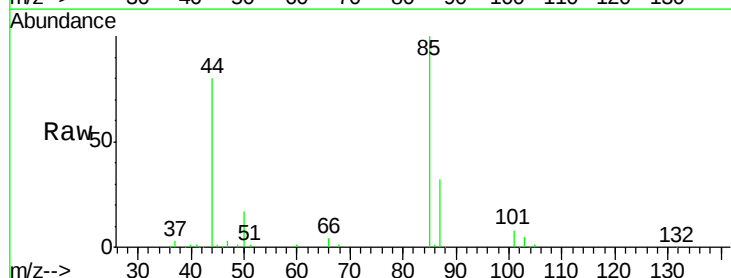
Acq: 7 Jun 2018 21:59

Tgt Ion: 85 Resp: 575964

Ion Ratio Lower Upper

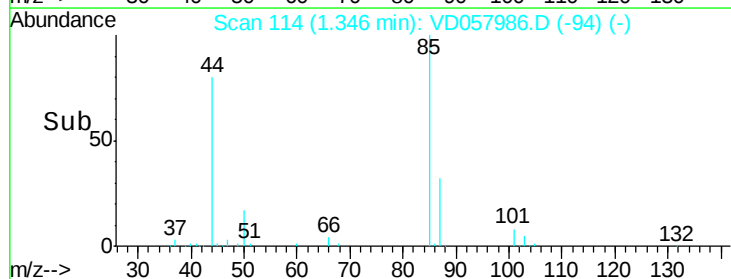
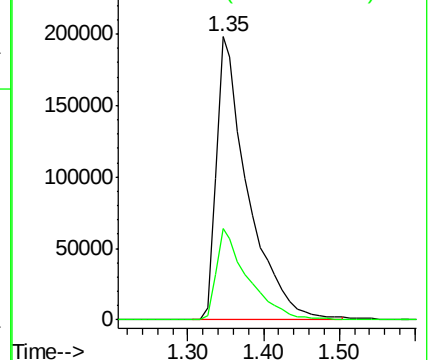
85 100

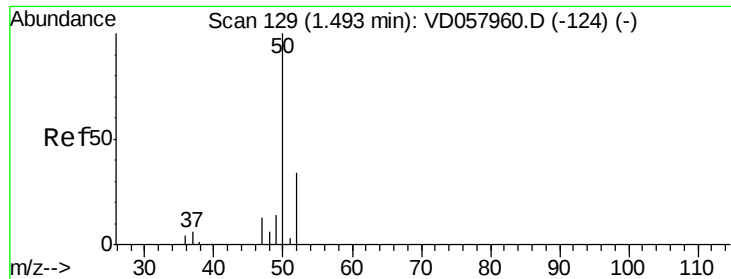
87 32.3 16.4 49.2



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 50.414 ug/l

RT: 1.49 min Scan# 129

Delta R.T. 0.00 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

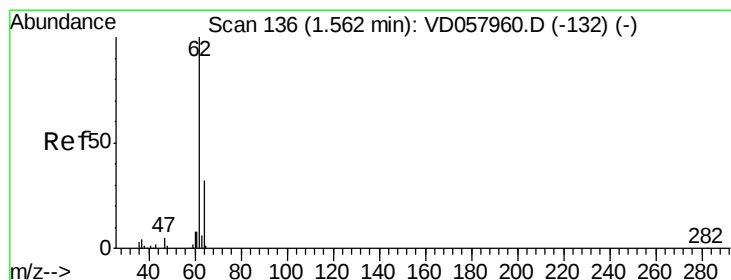
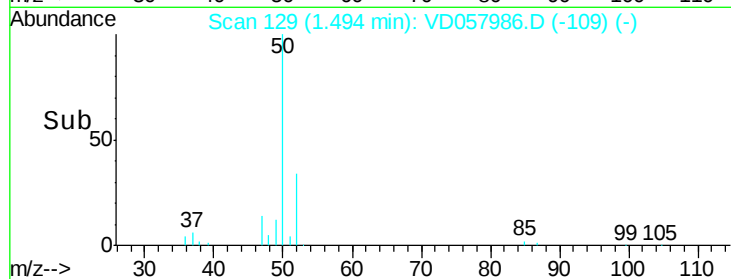
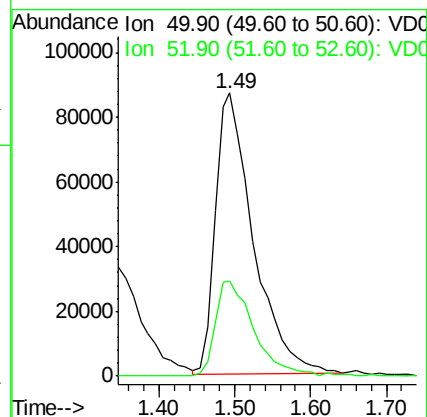
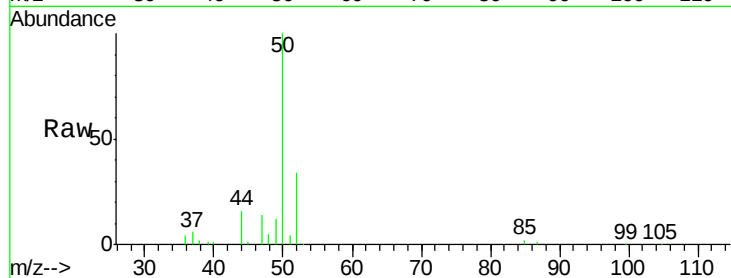
VSTDCCC050EC

Tgt Ion: 50 Resp: 303749

Ion Ratio Lower Upper

50 100

52 33.7 27.2 40.8



#4

Vinyl Chloride

Concen: 52.835 ug/l

RT: 1.56 min Scan# 136

Delta R.T. 0.00 min

Lab File: VD057986.D

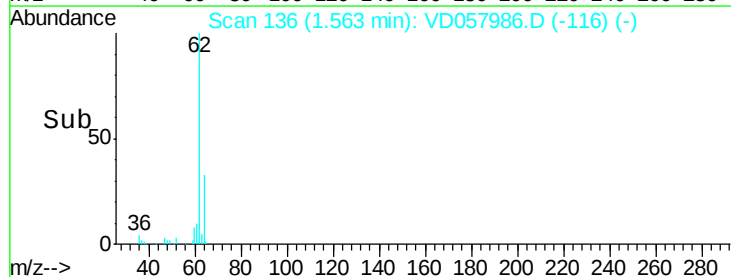
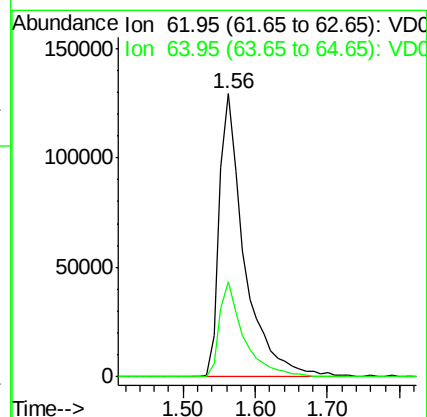
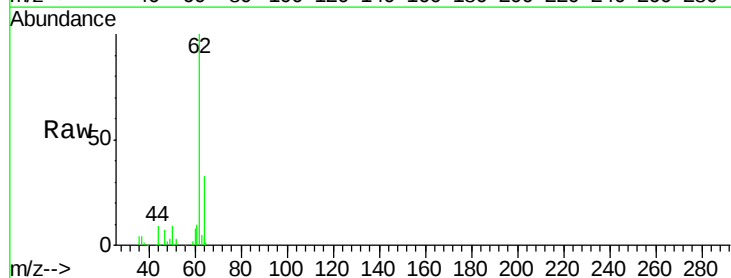
Acq: 7 Jun 2018 21:59

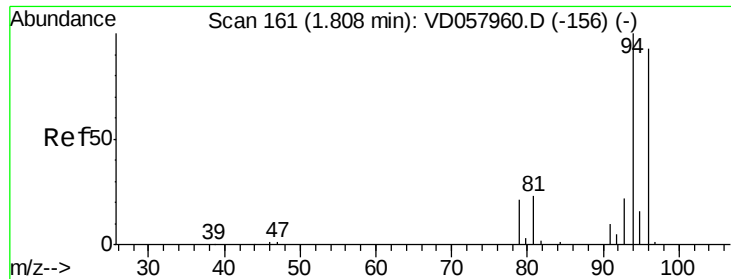
Tgt Ion: 62 Resp: 308140

Ion Ratio Lower Upper

62 100

64 33.5 25.4 38.2





#5

Bromomethane

Concen: 49.655 ug/l

RT: 1.80 min Scan# 160

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

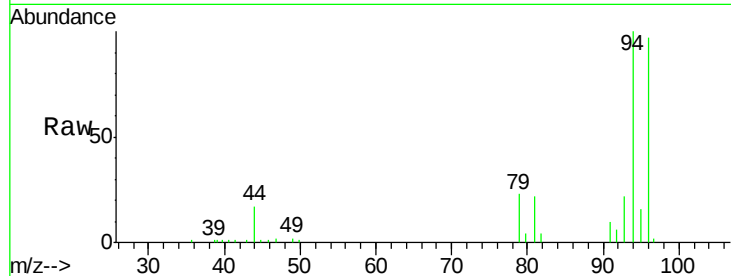
VSTDCCC050EC

Tgt Ion: 94 Resp: 113500

Ion Ratio Lower Upper

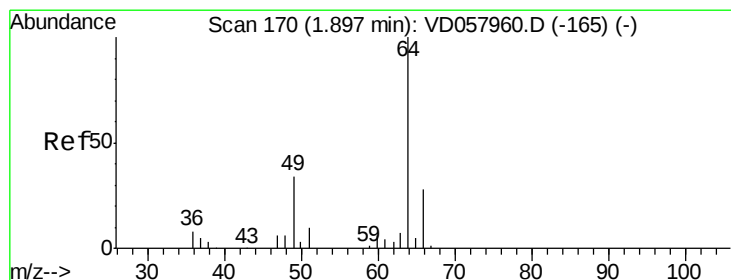
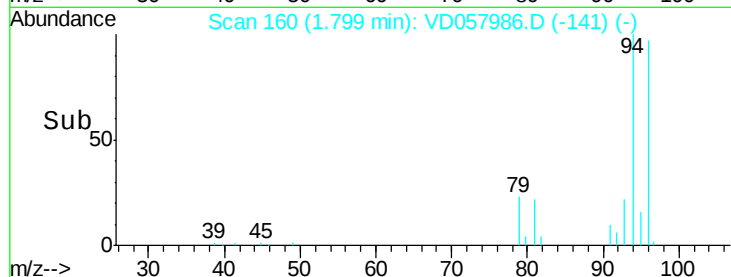
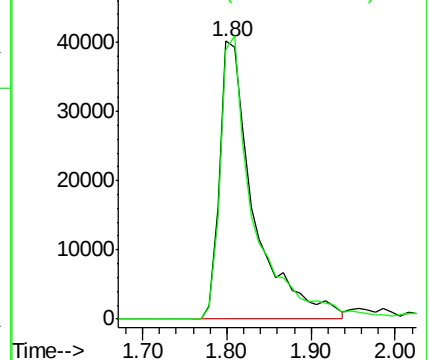
94 100

96 96.6 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 56.091 ug/l

RT: 1.89 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD057986.D

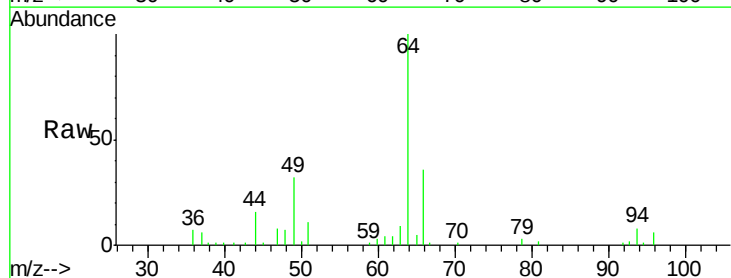
Acq: 7 Jun 2018 21:59

Tgt Ion: 64 Resp: 129066

Ion Ratio Lower Upper

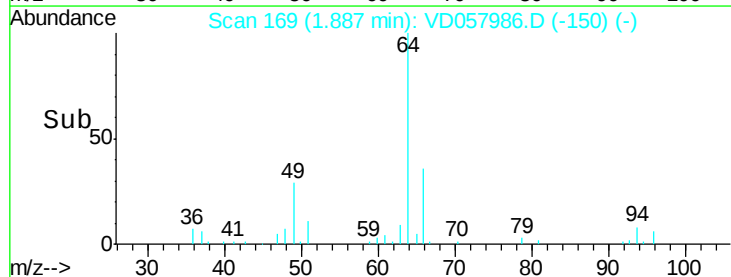
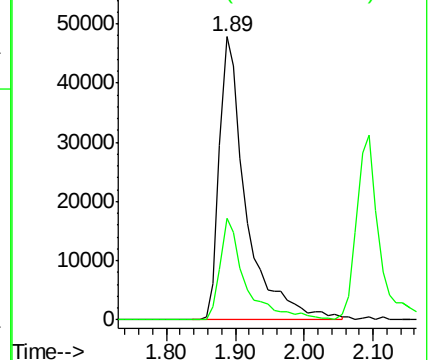
64 100

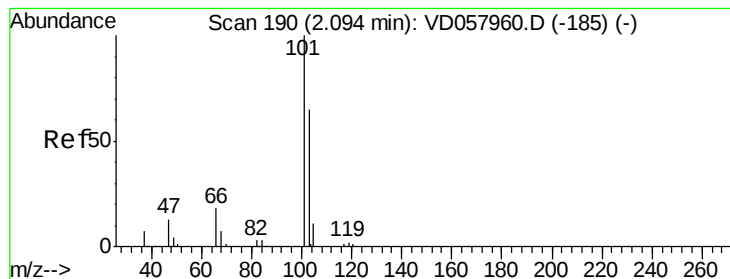
66 36.0 22.8 34.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



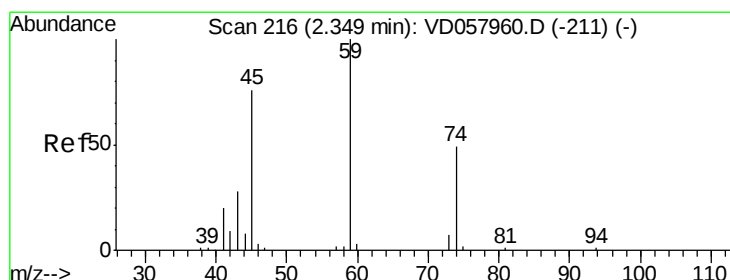
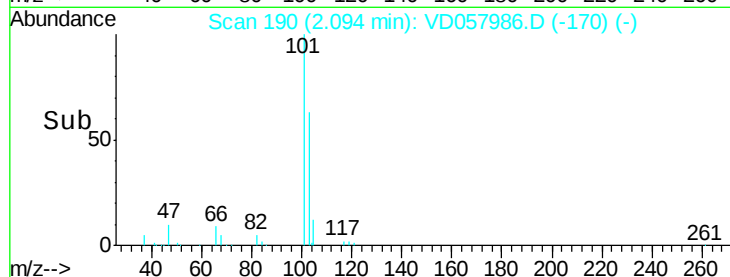
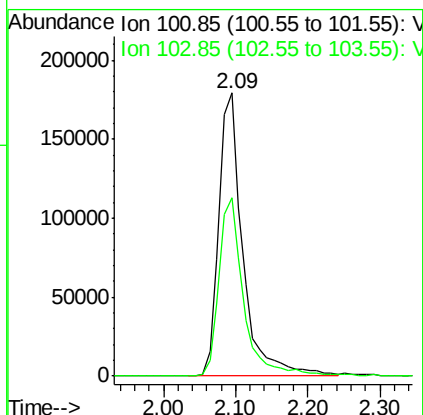
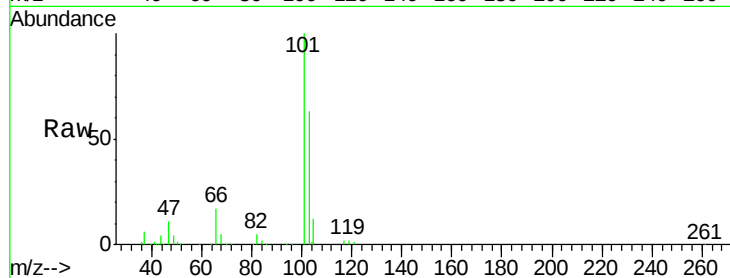


#7

Trichlorofluoromethane  
 Concen: 51.761 ug/l  
 RT: 2.09 min Scan# 190  
 Delta R.T. 0.00 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

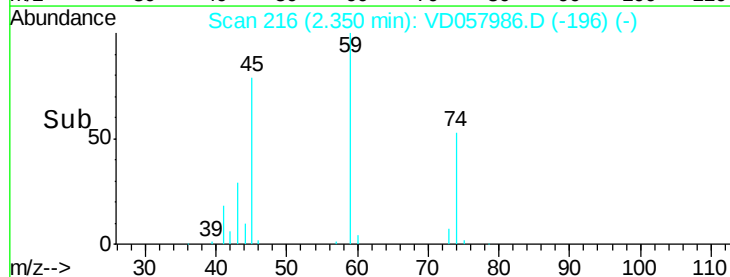
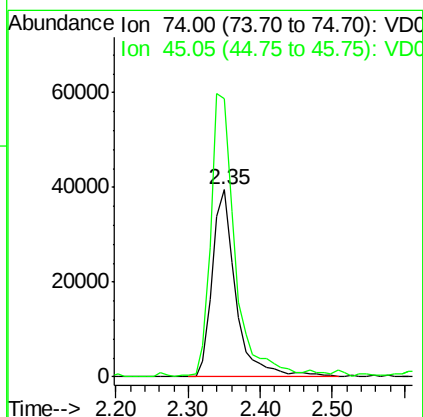
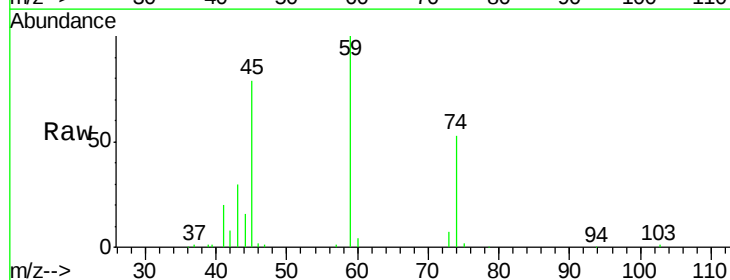
Tgt Ion:101 Resp: 412657  
 Ion Ratio Lower Upper  
 101 100  
 103 63.1 52.4 78.6

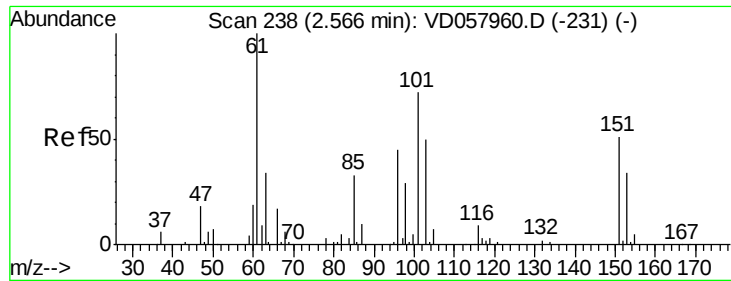


#8

Diethyl Ether  
 Concen: 60.297 ug/l  
 RT: 2.35 min Scan# 216  
 Delta R.T. 0.00 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

Tgt Ion: 74 Resp: 89300  
 Ion Ratio Lower Upper  
 74 100  
 45 148.5 77.1 231.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.797 ug/l

RT: 2.56 min Scan# 237

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

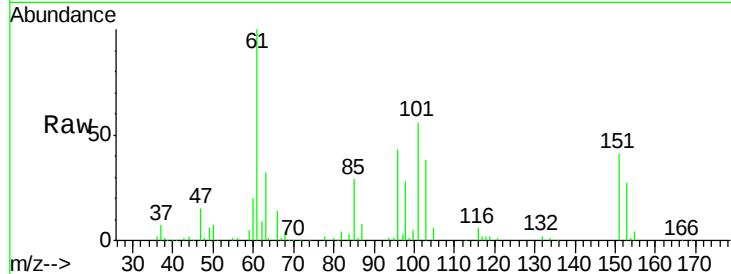
Tgt Ion:101 Resp: 251062

Ion Ratio Lower Upper

101 100

85 51.8 37.3 55.9

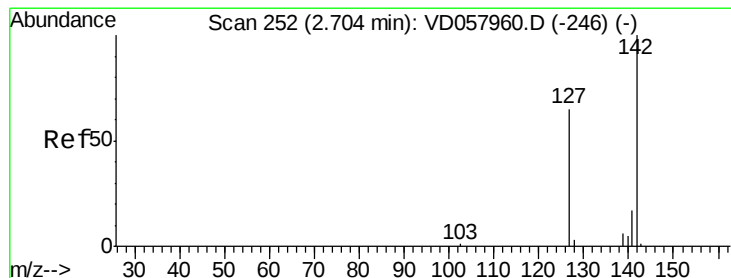
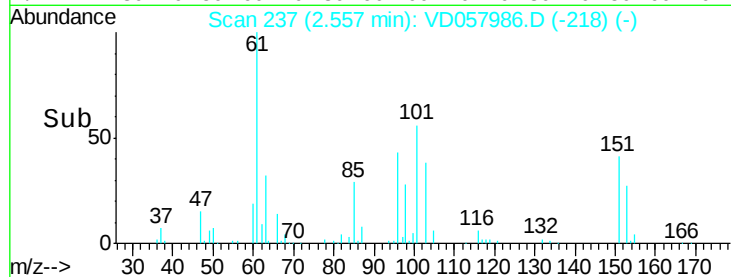
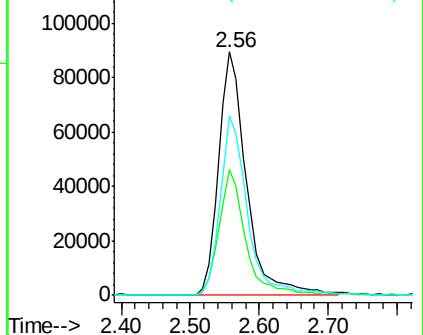
151 74.0 57.0 85.6



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: 54.894 ug/l

RT: 2.69 min Scan# 251

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

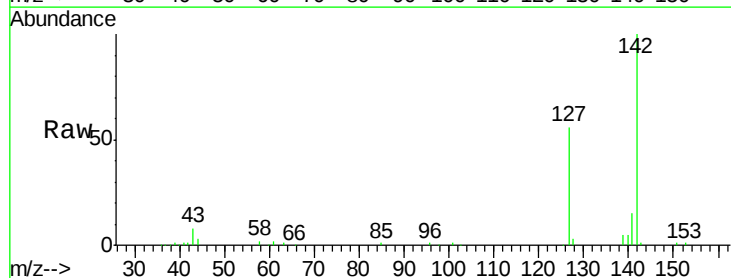
Tgt Ion:142 Resp: 336820

Ion Ratio Lower Upper

142 100

127 56.1 52.0 78.0

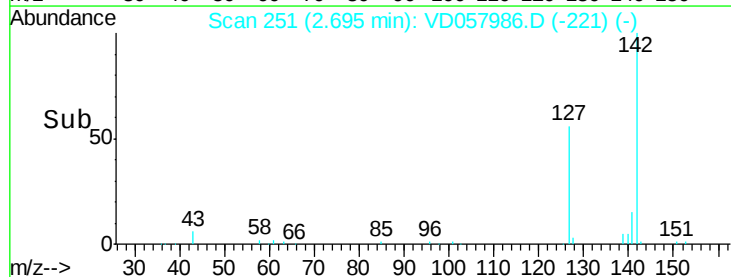
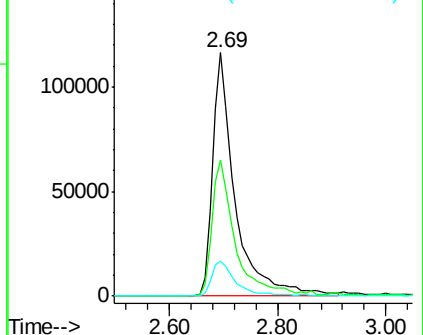
141 14.6 13.2 19.8

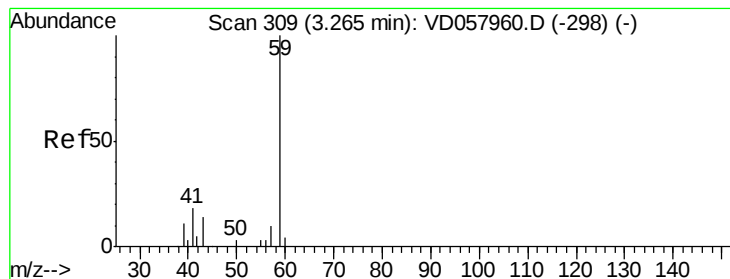


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



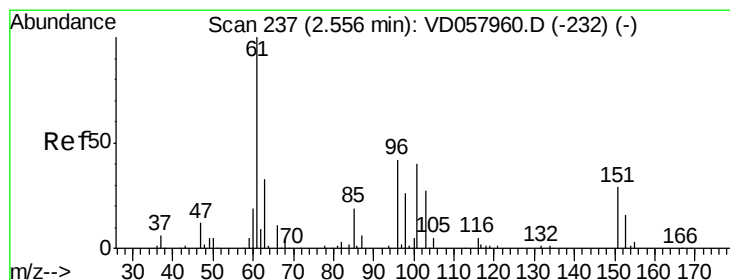
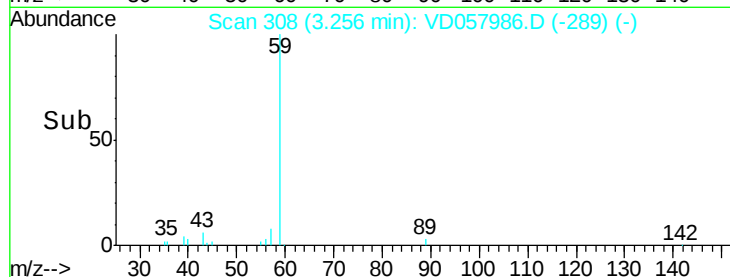
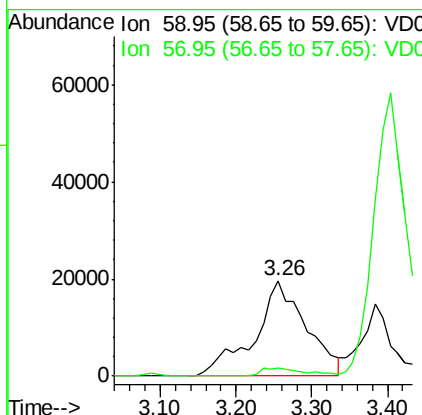
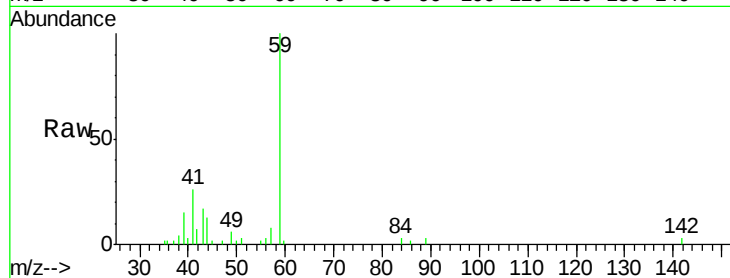


#11

Tert butyl alcohol  
Concen: 382.751 ug/l  
RT: 3.26 min Scan# 308  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

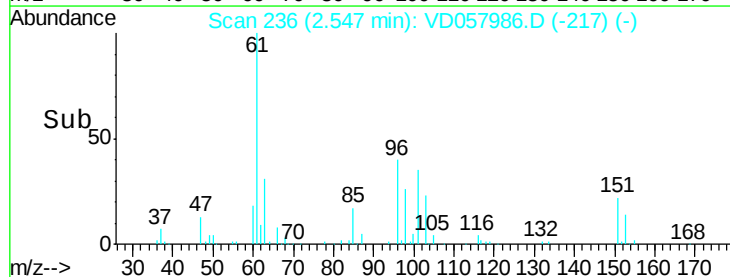
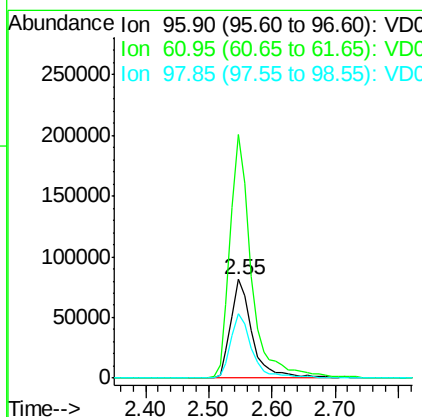
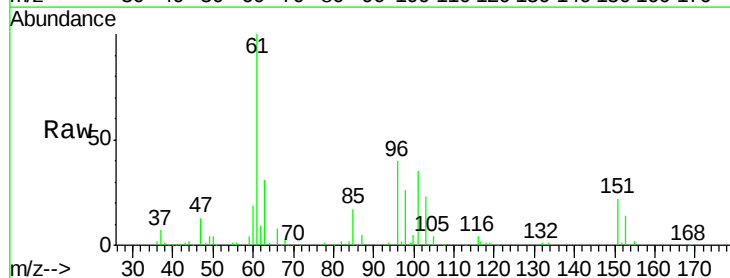
Tgt Ion: 59 Resp: 93438  
Ion Ratio Lower Upper  
59 100  
57 8.0 7.8 11.6

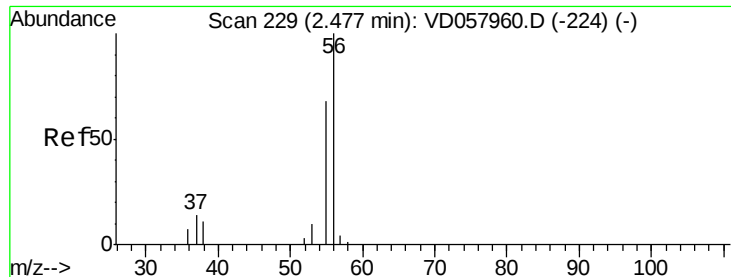


#12

1,1-Dichloroethene  
Concen: 52.745 ug/l  
RT: 2.55 min Scan# 236  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion: 96 Resp: 192824  
Ion Ratio Lower Upper  
96 100  
61 247.4 190.2 285.4  
98 65.1 49.6 74.4

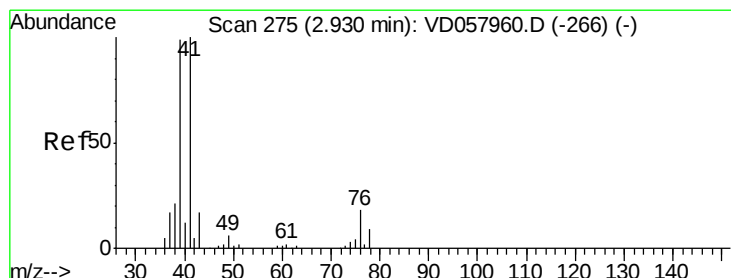
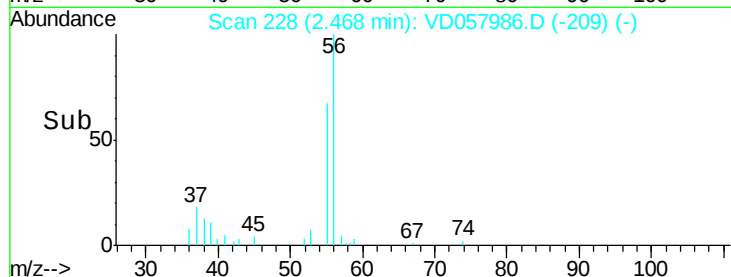
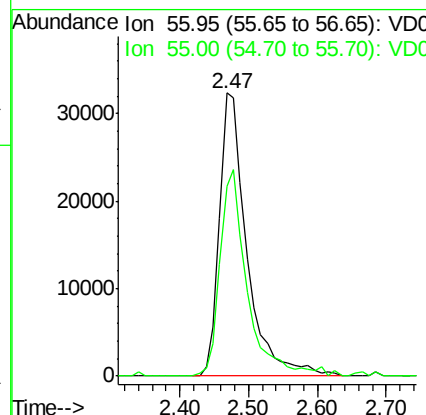
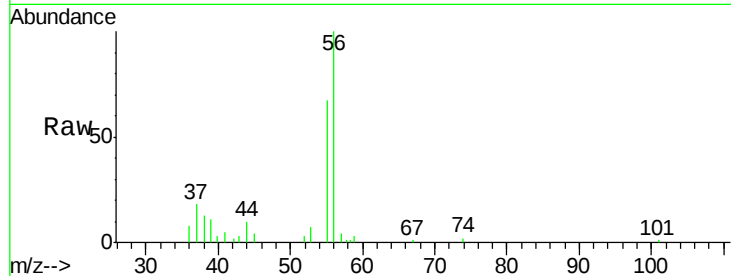




#13  
 Acrolein  
 Concen: 256.135 ug/l  
 RT: 2.47 min Scan# 228  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

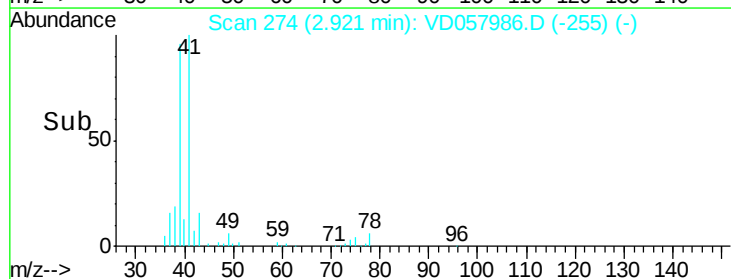
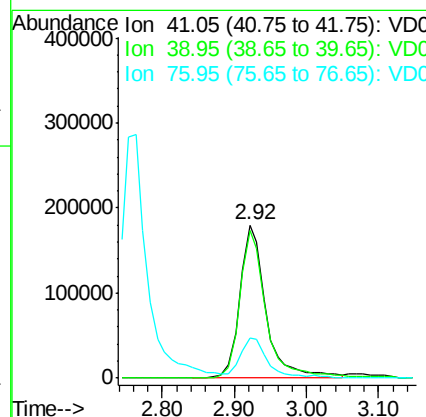
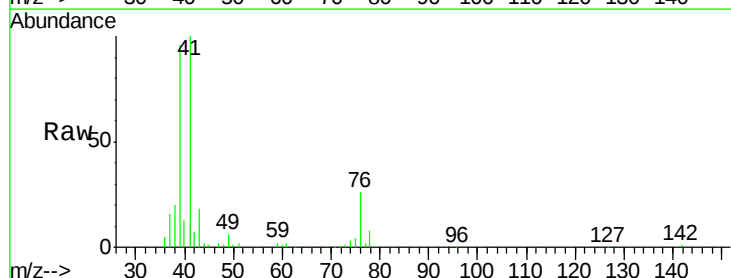
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

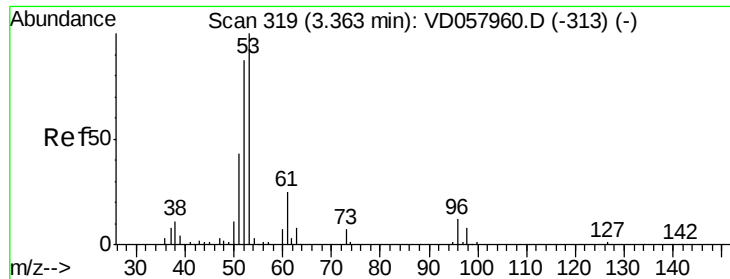
Tgt Ion: 56 Resp: 89549  
 Ion Ratio Lower Upper  
 56 100  
 55 66.9 54.0 81.0



#14  
 Allyl chloride  
 Concen: 54.342 ug/l  
 RT: 2.92 min Scan# 274  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

Tgt Ion: 41 Resp: 458274  
 Ion Ratio Lower Upper  
 41 100  
 39 96.3 79.5 119.3  
 76 26.3 20.7 31.1

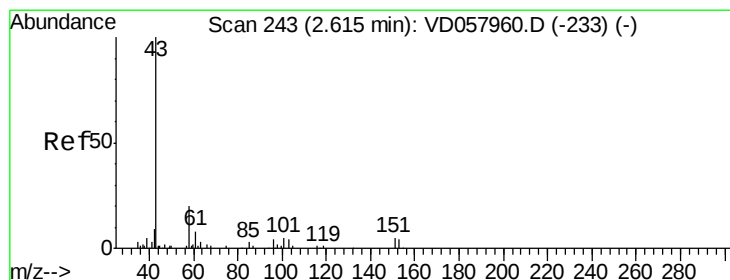
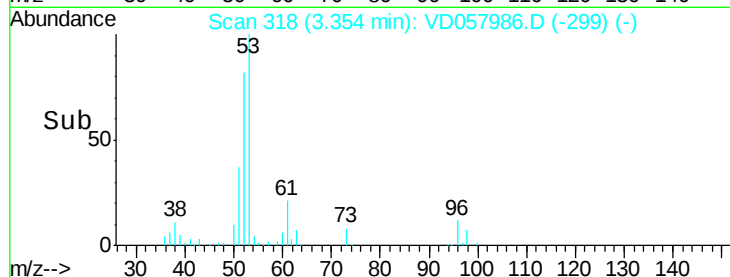
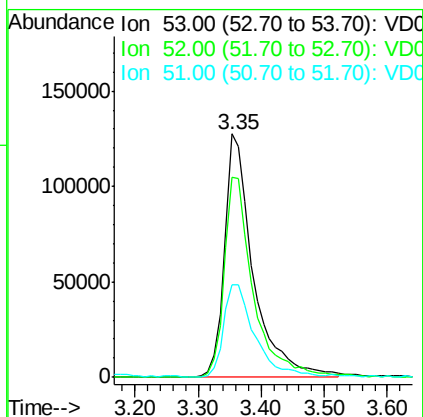
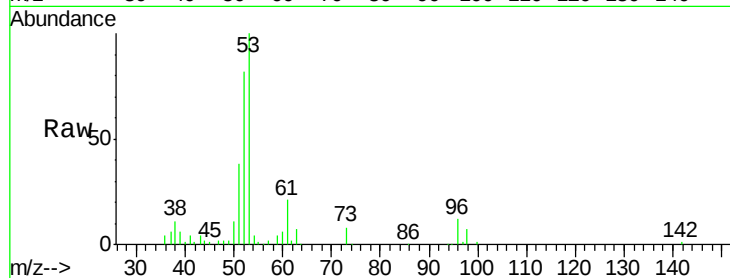




#15  
Acrylonitrile  
Concen: 282.861 ug/l  
RT: 3.35 min Scan# 318  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

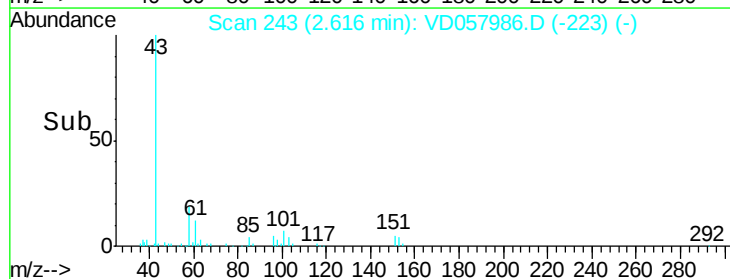
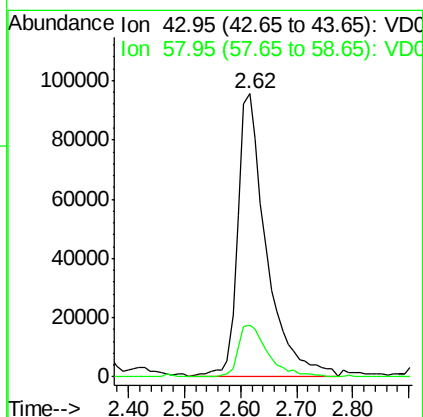
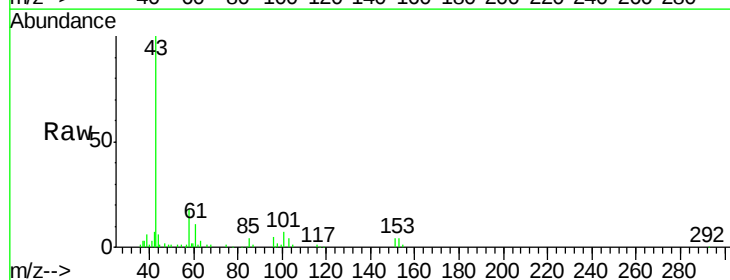
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

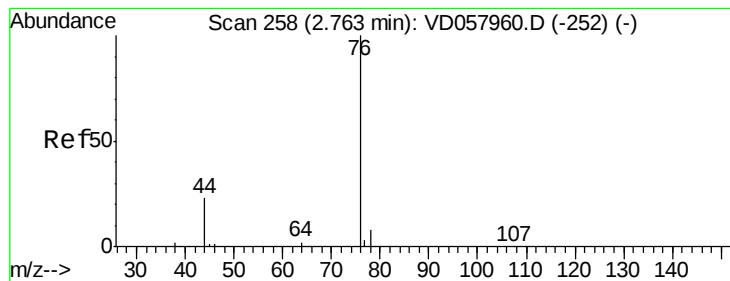
Tgt Ion: 53 Resp: 403968  
Ion Ratio Lower Upper  
53 100  
52 82.0 69.9 104.9  
51 38.0 34.3 51.5



#16  
Acetone  
Concen: 258.369 ug/l  
RT: 2.62 min Scan# 243  
Delta R.T. 0.00 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion: 43 Resp: 339219  
Ion Ratio Lower Upper  
43 100  
58 18.1 15.8 23.8





#17

Carbon Disulfide

Concen: 54.365 ug/l

RT: 2.76 min Scan# 258

Delta R.T. 0.00 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

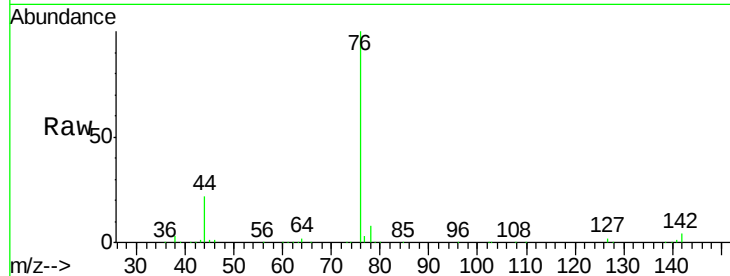
VSTDCCC050EC

Tgt Ion: 76 Resp: 719987

Ion Ratio Lower Upper

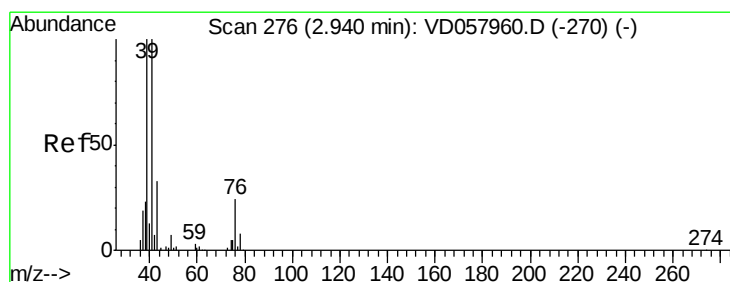
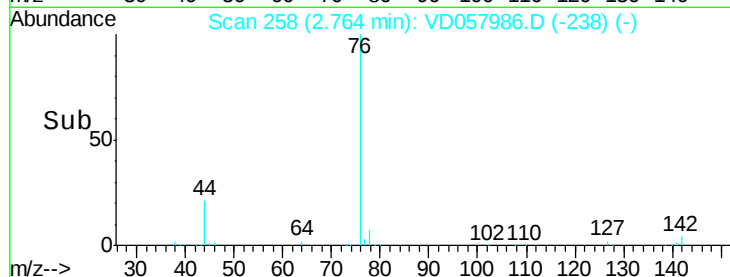
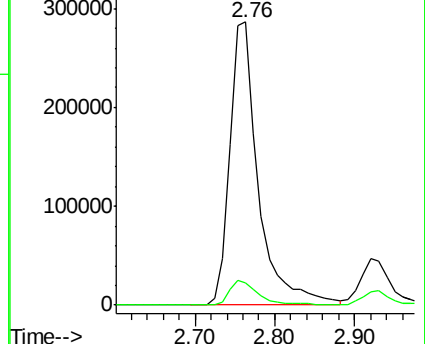
76 100

78 7.8 6.7 10.1



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 56.636 ug/l

RT: 2.93 min Scan# 275

Delta R.T. -0.01 min

Lab File: VD057986.D

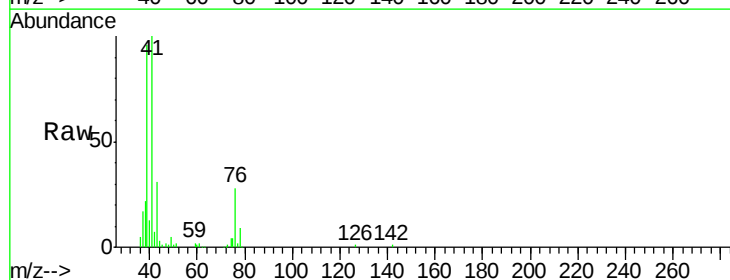
Acq: 7 Jun 2018 21:59

Tgt Ion: 43 Resp: 143846

Ion Ratio Lower Upper

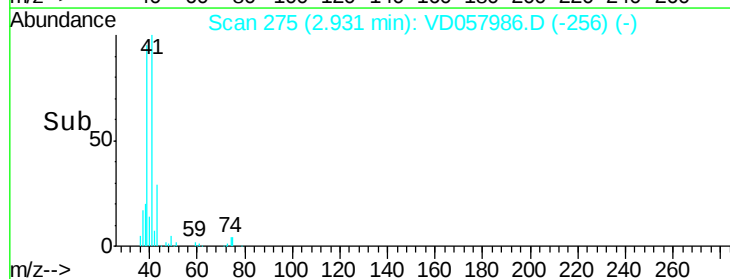
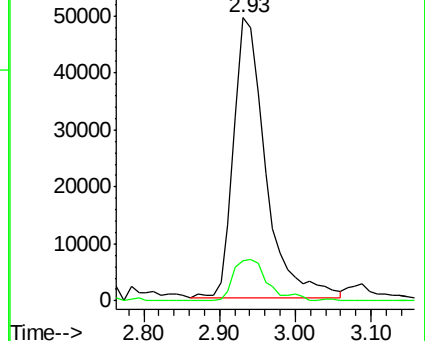
43 100

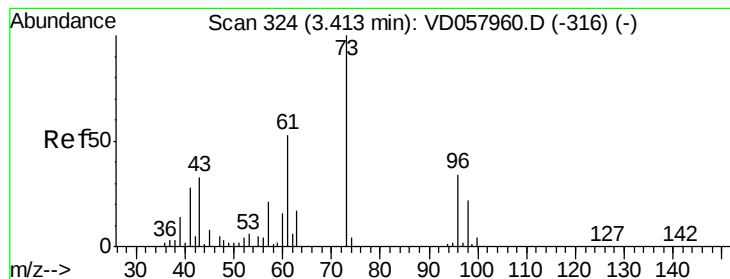
74 14.4 11.2 16.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



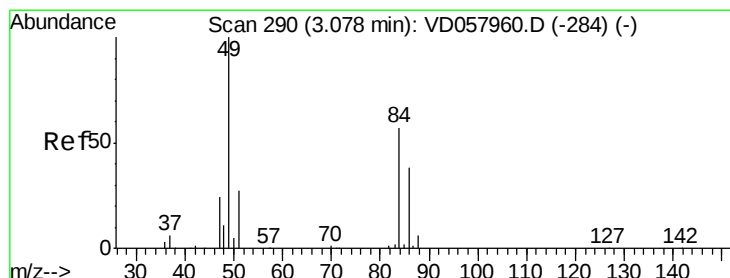
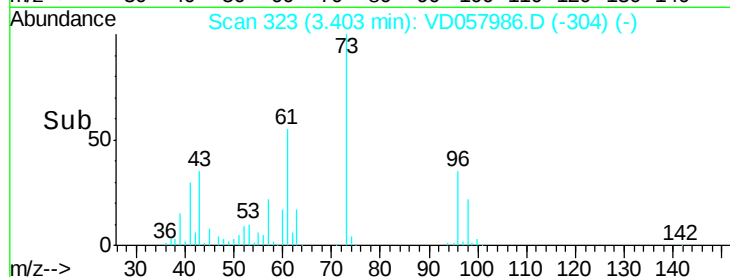
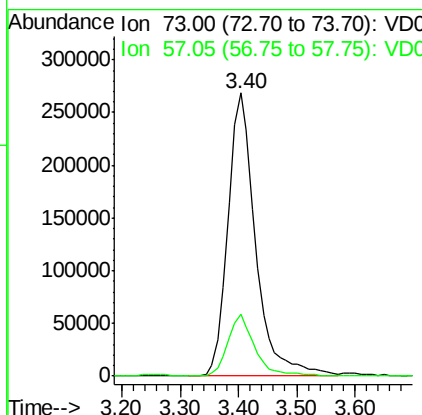
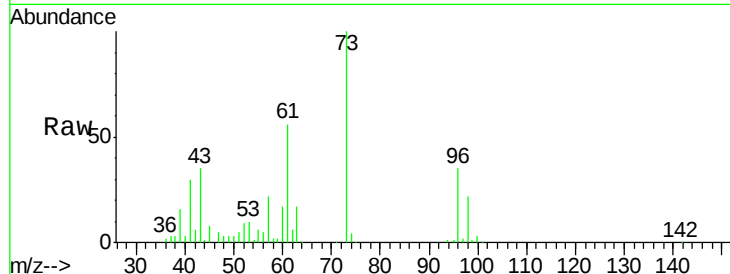


#19

Methyl tert-butyl Ether  
 Concen: 55.262 ug/l  
 RT: 3.40 min Scan# 323  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

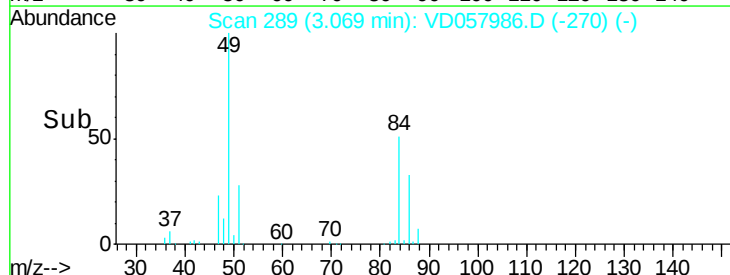
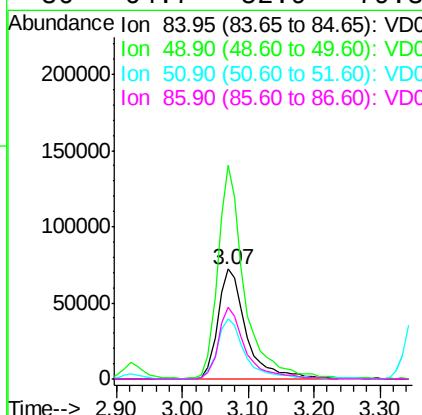
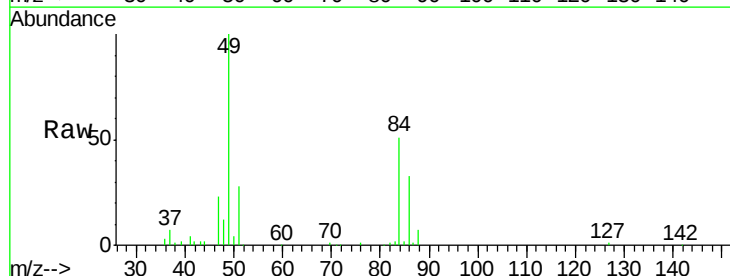
Tgt Ion: 73 Resp: 888943  
 Ion Ratio Lower Upper  
 73 100  
 57 21.7 16.7 25.1

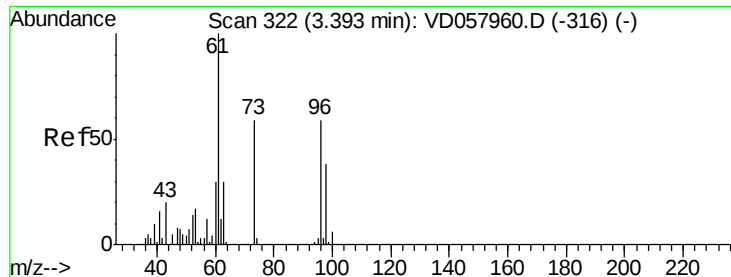


#20

Methylene Chloride  
 Concen: 60.282 ug/l  
 RT: 3.07 min Scan# 289  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

Tgt Ion: 84 Resp: 217431  
 Ion Ratio Lower Upper  
 84 100  
 49 194.3 141.4 212.0  
 51 54.8 38.3 57.5  
 86 64.7 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 52.602 ug/l

RT: 3.38 min Scan# 321

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

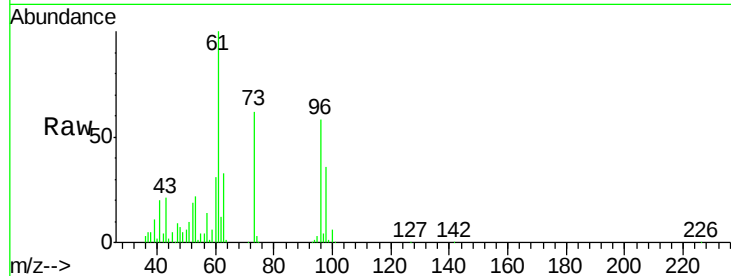
Tgt Ion: 96 Resp: 428317

Ion Ratio Lower Upper

96 100

61 172.6 135.2 202.8

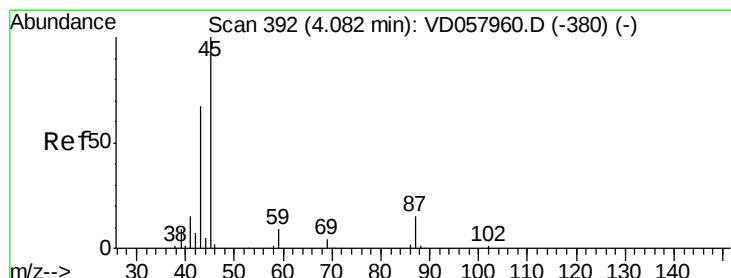
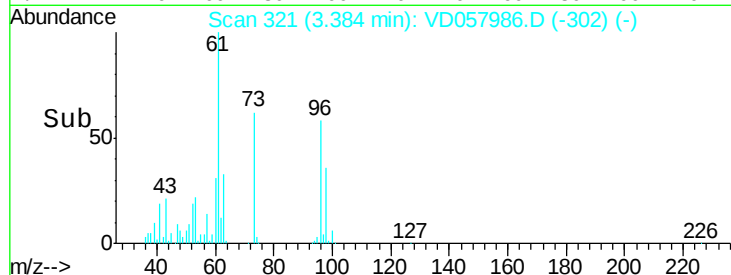
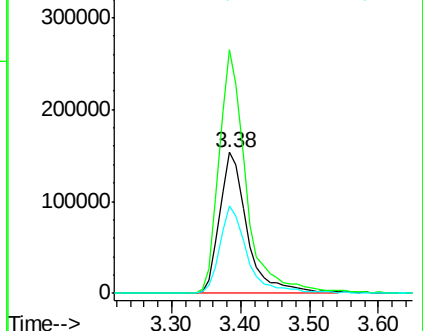
98 62.1 51.7 77.5



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 54.766 ug/l

RT: 4.06 min Scan# 390

Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Tgt Ion: 45 Resp: 1829711

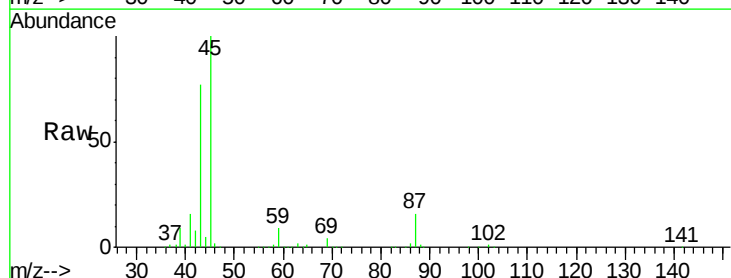
Ion Ratio Lower Upper

45 100

43 76.6 53.8 80.8

87 15.9 12.5 18.7

59 9.0 7.3 10.9

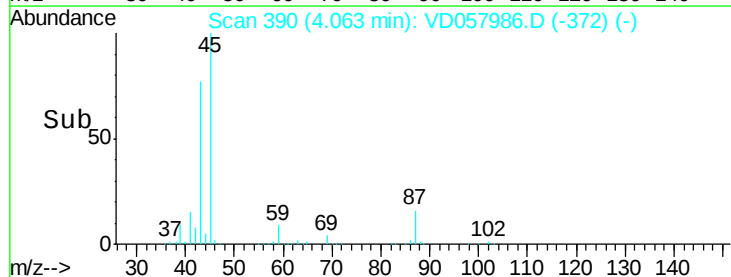
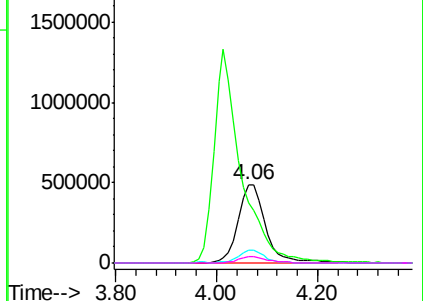


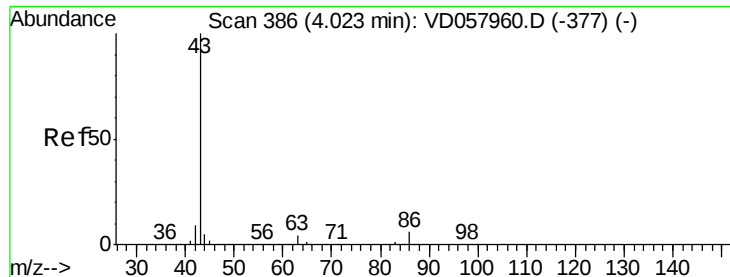
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 287.244 ug/l

RT: 4.01 min Scan# 385

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

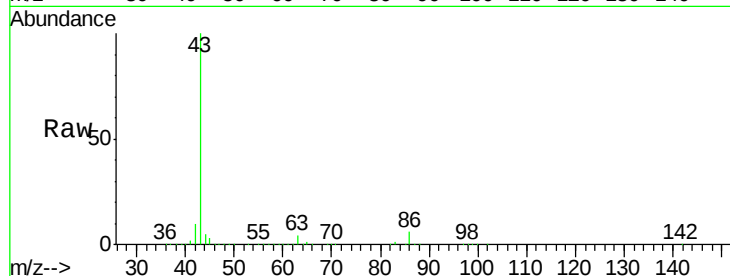
VSTDCCC050EC

Tgt Ion: 43 Resp: 4958449

Ion Ratio Lower Upper

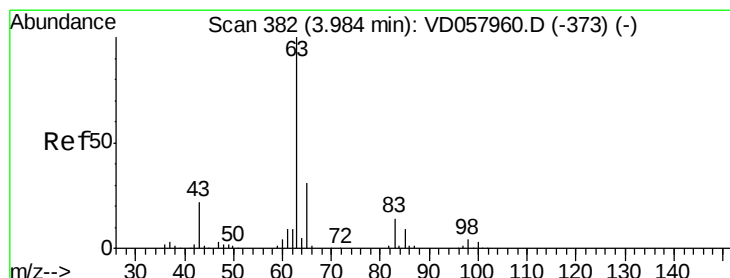
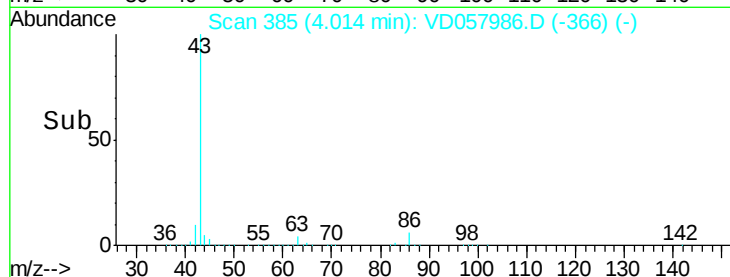
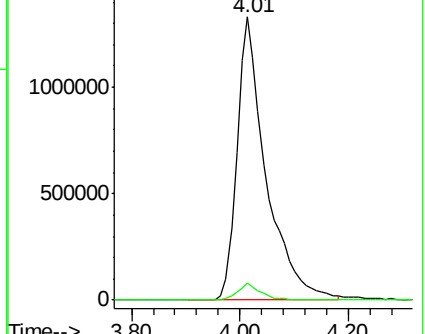
43 100

86 6.0 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 52.456 ug/l

RT: 3.97 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

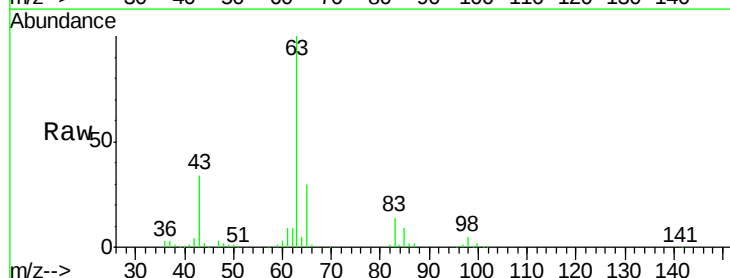
Tgt Ion: 63 Resp: 963176

Ion Ratio Lower Upper

63 100

98 4.7 2.0 5.8

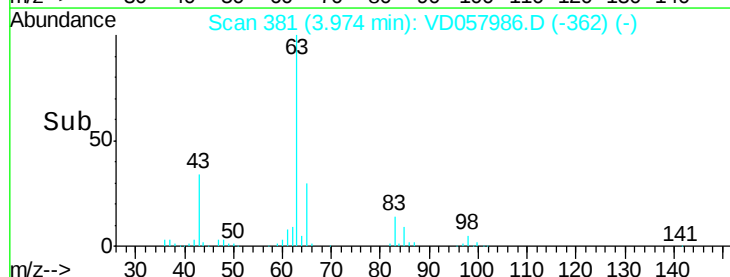
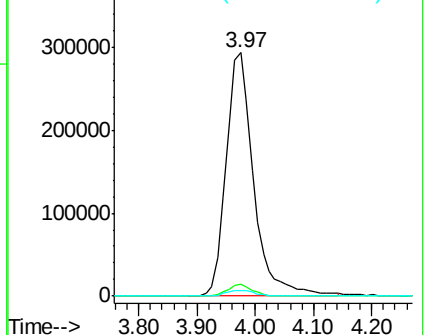
100 2.4 1.4 4.2

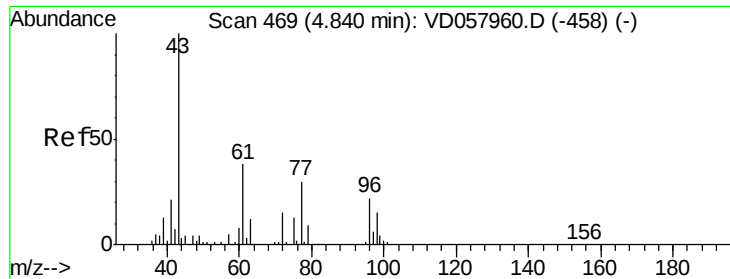


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 266.637 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

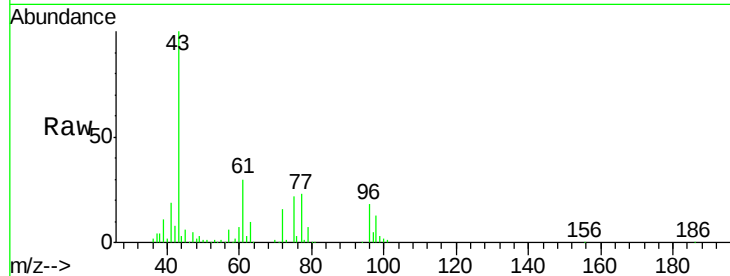
VSTDCCC050EC

Tgt Ion: 43 Resp: 795585

Ion Ratio Lower Upper

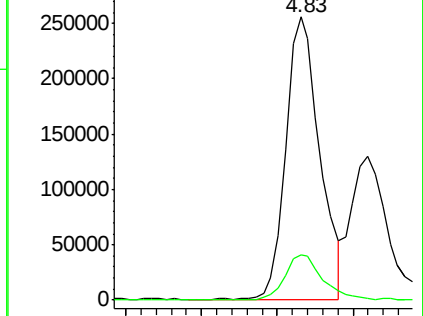
43 100

72 16.2 12.0 18.0

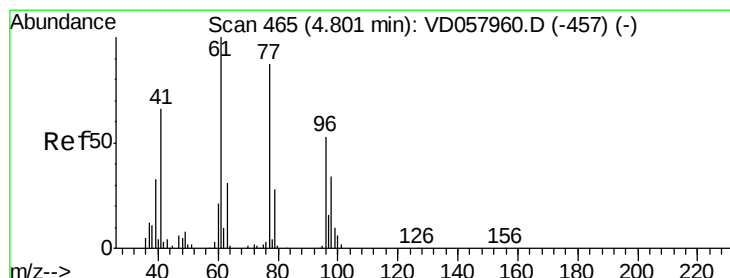
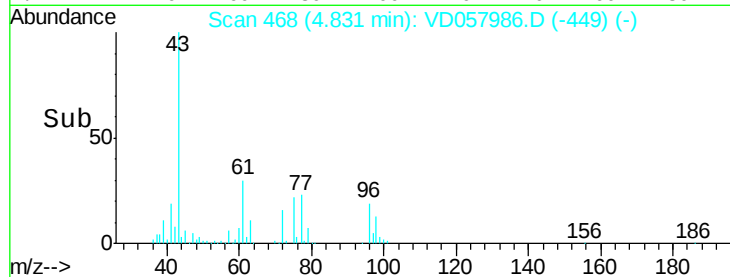


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#26

2,2-Dichloropropane

Concen: 48.455 ug/l

RT: 4.79 min Scan# 464

Delta R.T. -0.01 min

Lab File: VD057986.D

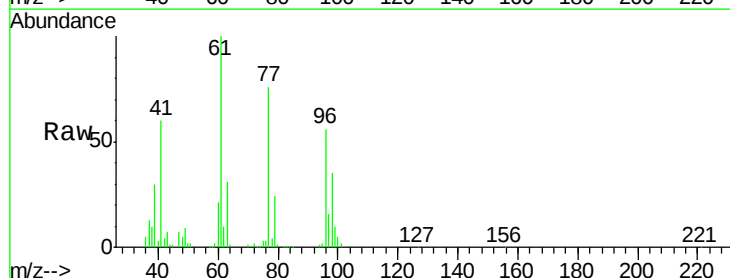
Acq: 7 Jun 2018 21:59

Tgt Ion: 77 Resp: 732911

Ion Ratio Lower Upper

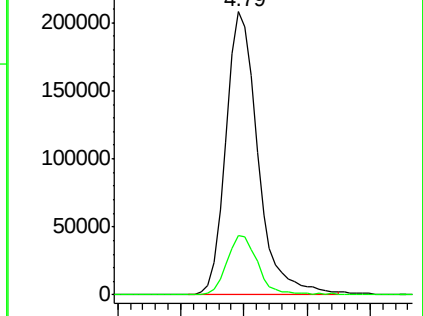
77 100

97 21.1 9.2 27.6

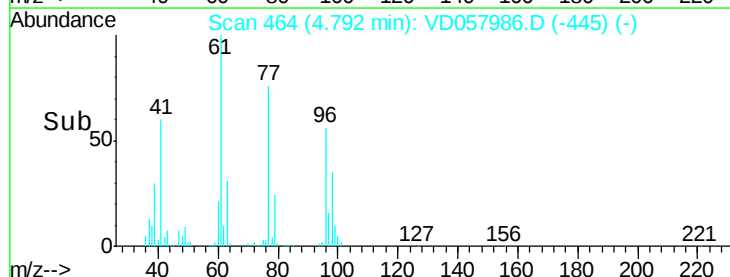


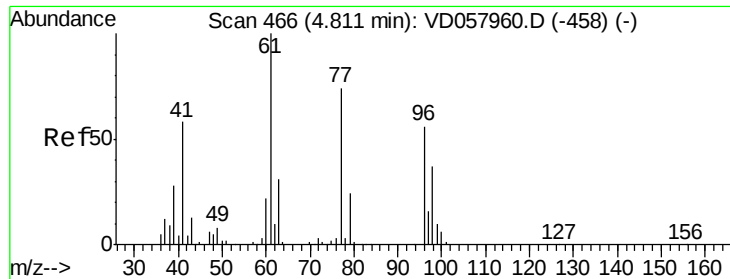
Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



Time-->



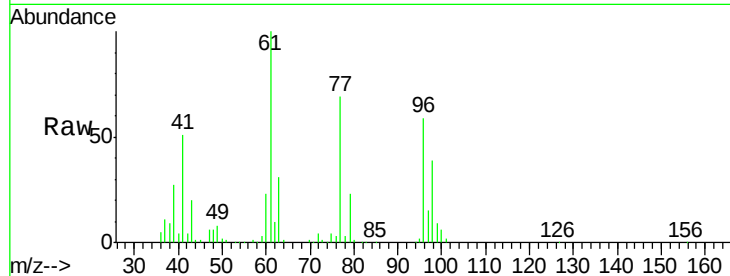


#27

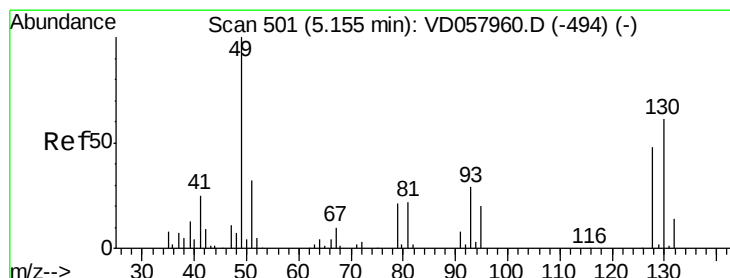
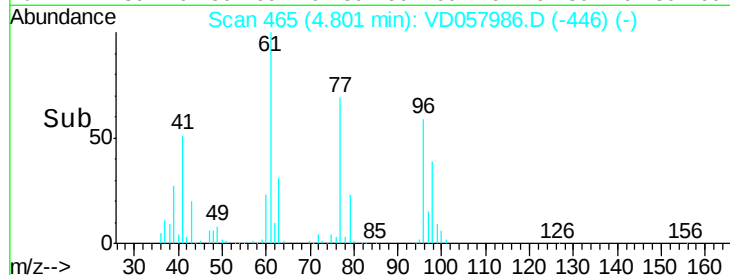
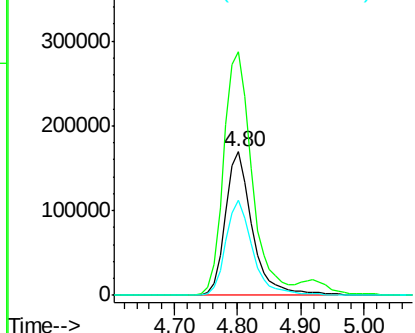
cis-1,2-Dichloroethene  
Concen: 51.670 ug/l  
RT: 4.80 min Scan# 465  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 96 Resp: 498997  
Ion Ratio Lower Upper  
96 100  
61 169.9 0.0 355.0  
98 66.0 0.0 129.6



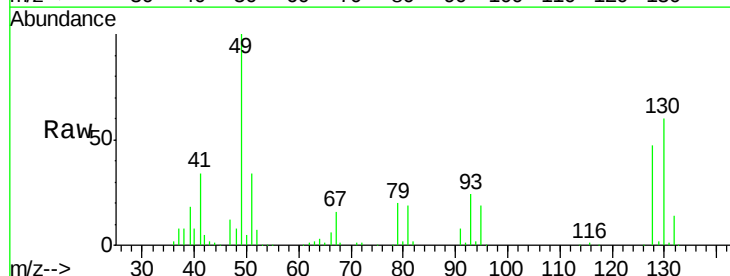
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



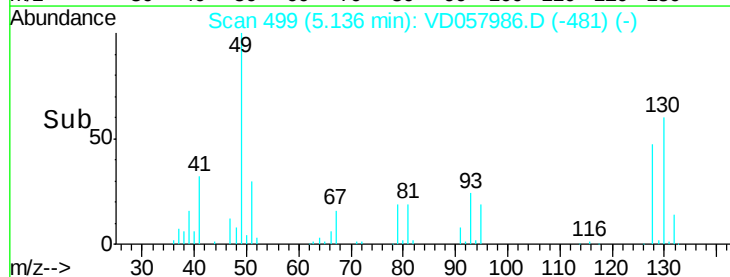
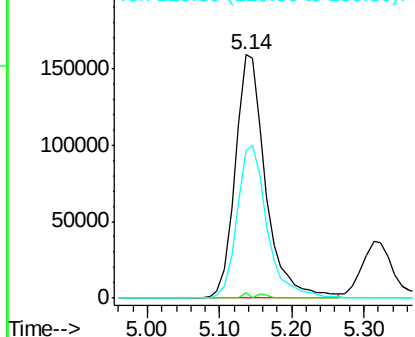
#28

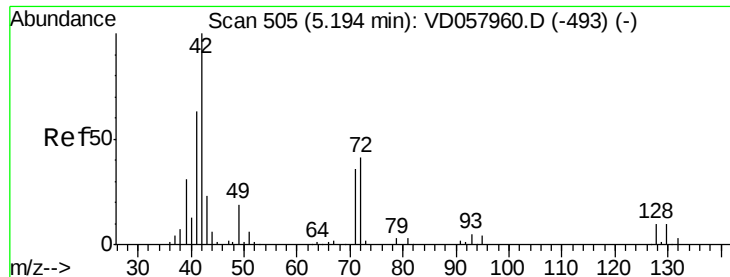
Bromochloromethane  
Concen: 58.649 ug/l  
RT: 5.14 min Scan# 499  
Delta R.T. -0.02 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion: 49 Resp: 466093  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 3.6  
130 60.4 48.8 73.2



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

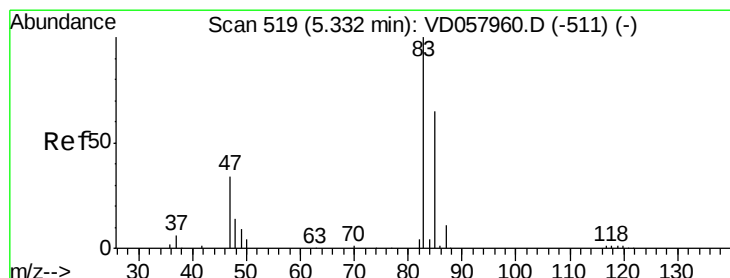
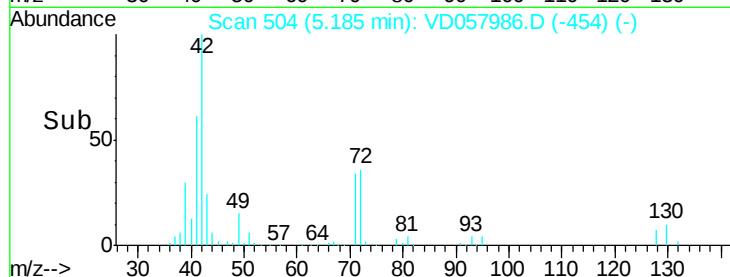
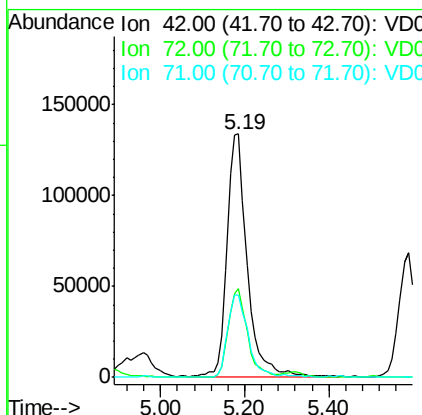
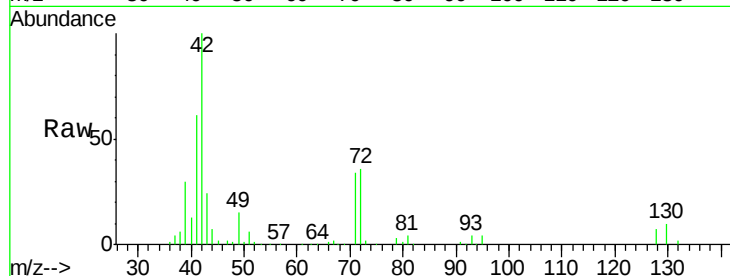




#29  
Tetrahydrofuran  
Concen: 288.513 ug/l  
RT: 5.19 min Scan# 504  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

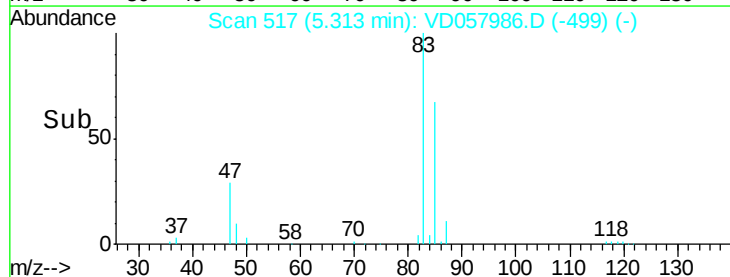
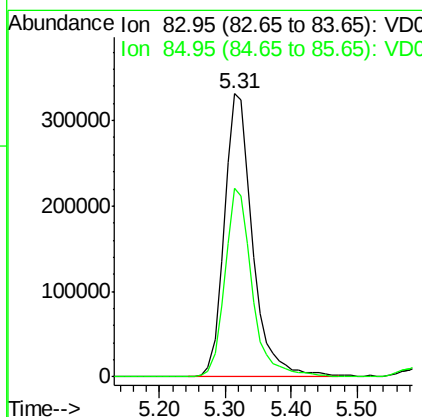
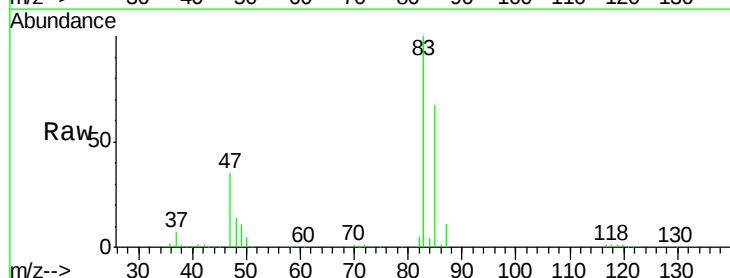
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

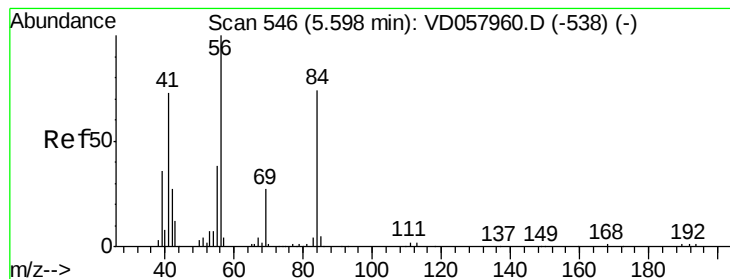
Tgt Ion: 42 Resp: 451268  
Ion Ratio Lower Upper  
42 100  
72 34.0 28.5 42.7  
71 33.8 27.9 41.9



#30  
Chloroform  
Concen: 53.758 ug/l  
RT: 5.31 min Scan# 517  
Delta R.T. -0.02 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion: 83 Resp: 993426  
Ion Ratio Lower Upper  
83 100  
85 66.6 51.6 77.4





#31

Cyclohexane

Concen: 47.143 ug/l

RT: 5.59 min Scan# 545

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

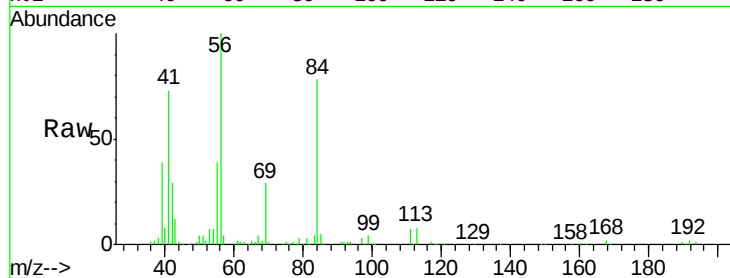
Tgt Ion: 56 Resp: 747024

Ion Ratio Lower Upper

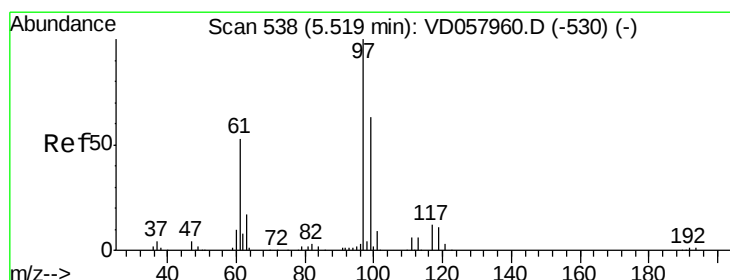
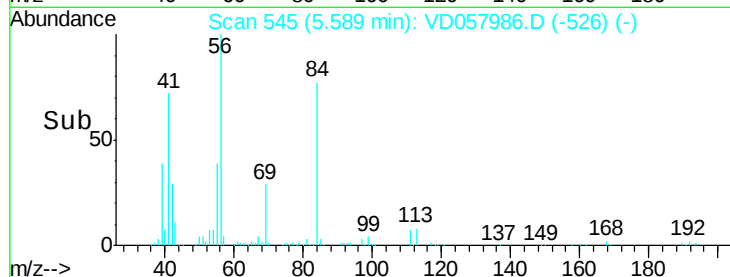
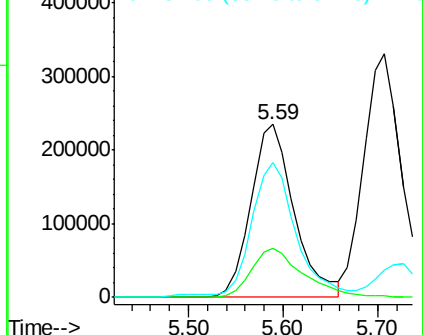
56 100

69 28.6 21.5 32.3

84 77.7 61.0 91.6



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



#32

1,1,1-Trichloroethane

Concen: 53.125 ug/l

RT: 5.51 min Scan# 537

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

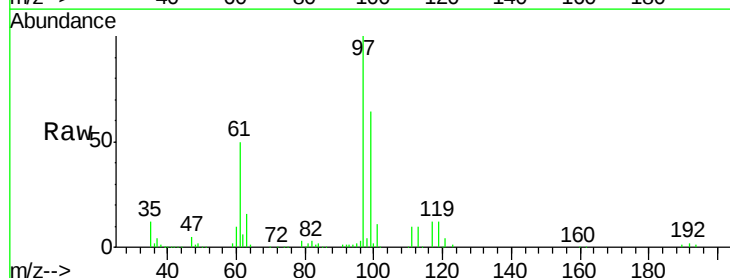
Tgt Ion: 97 Resp: 821987

Ion Ratio Lower Upper

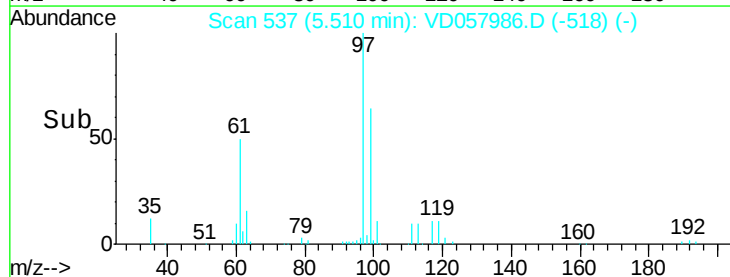
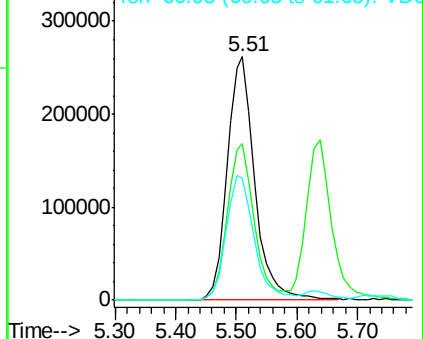
97 100

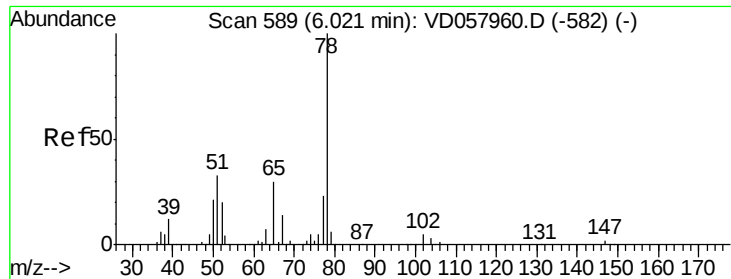
99 64.1 50.1 75.1

61 50.1 42.2 63.4



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





#33

1,2-Dichloroethane-d4

Concen: 53.125 ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

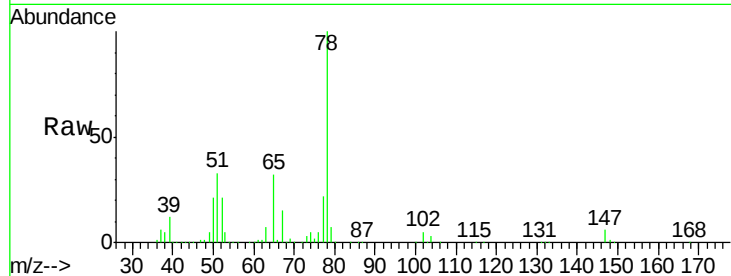
VSTDCCC050EC

Tgt Ion: 65 Resp: 459126

Ion Ratio Lower Upper

65 100

67 48.2 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

200000

150000

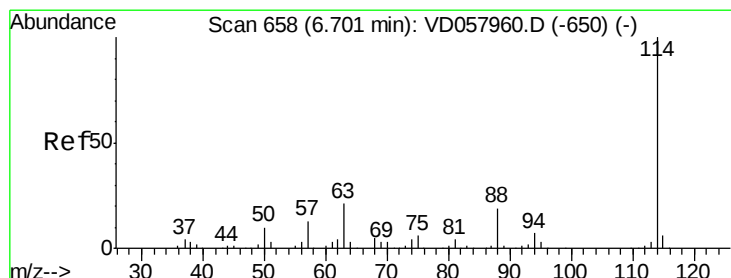
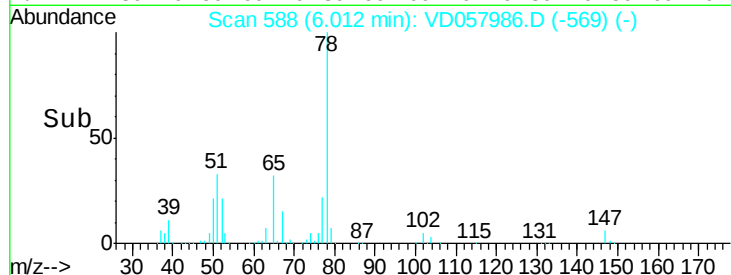
100000

50000

0

6.01

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

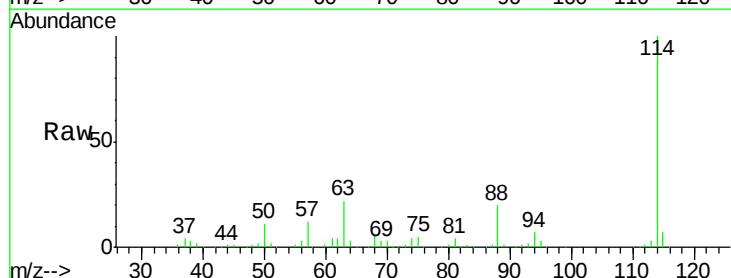
Tgt Ion: 114 Resp: 1255228

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.8

88 19.6 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

600000

500000

400000

300000

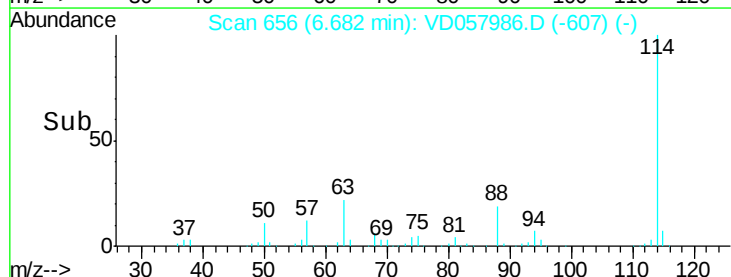
200000

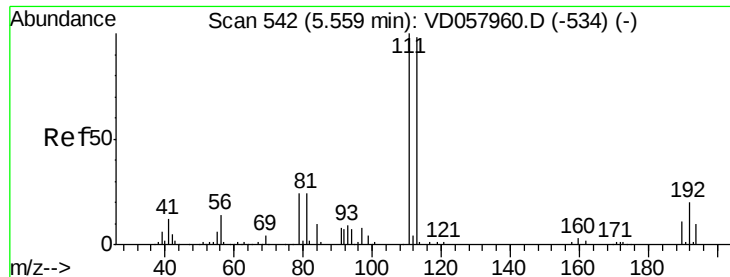
100000

0

6.68

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

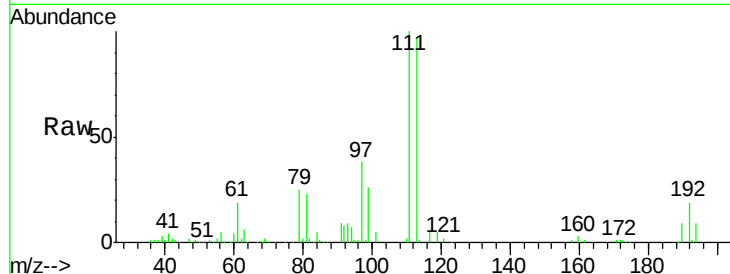
Tgt Ion:113 Resp: 494289

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

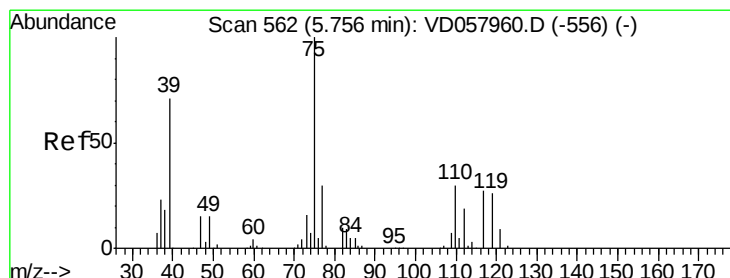
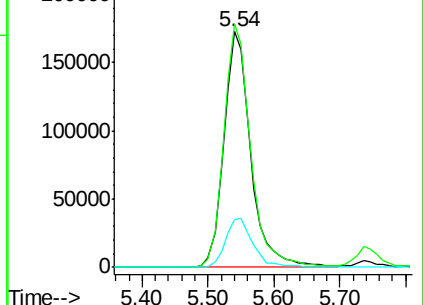
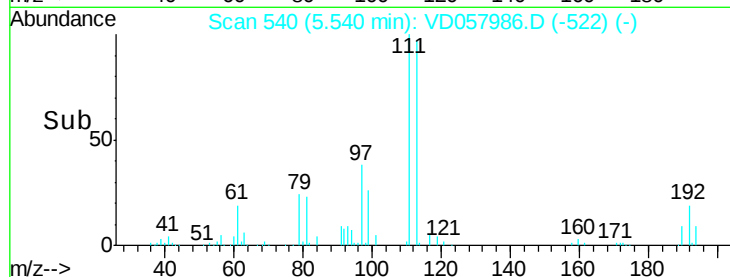
192 20.1 16.4 24.6



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 51.115 ug/l

RT: 5.74 min Scan# 560

Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

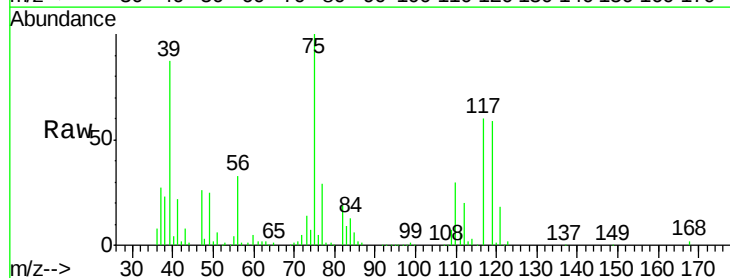
Tgt Ion: 75 Resp: 706878

Ion Ratio Lower Upper

75 100

110 29.9 14.8 44.3

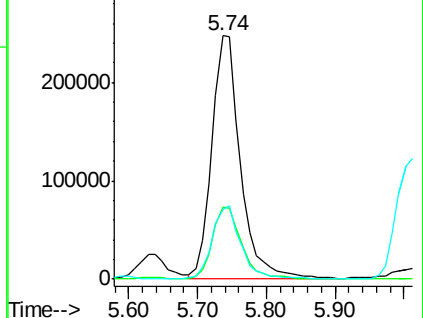
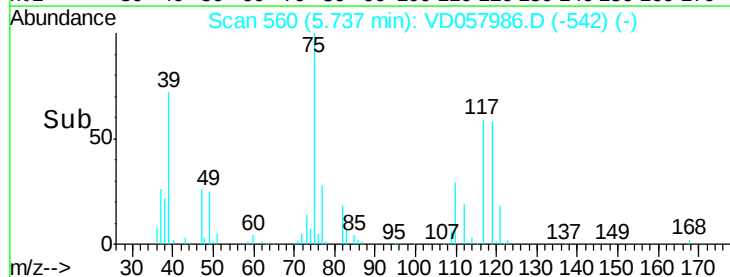
77 28.7 23.9 35.9

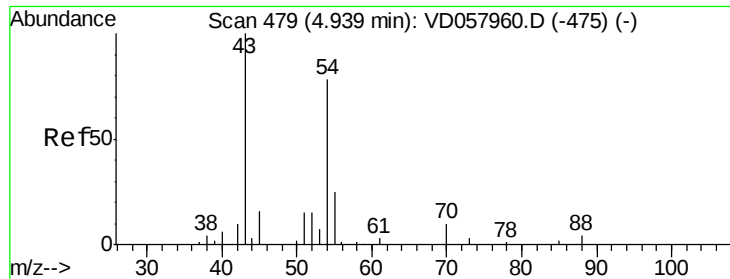


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 57.254 ug/l

RT: 4.92 min Scan# 477

Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

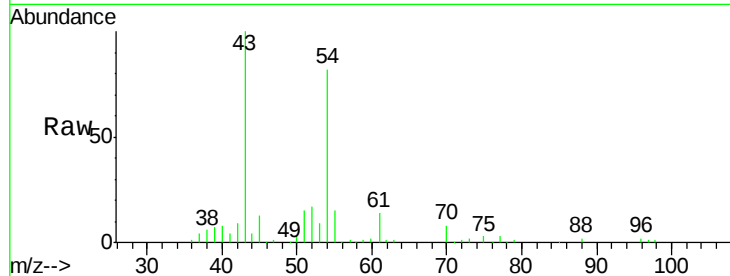
Tgt Ion: 43 Resp: 432033

Ion Ratio Lower Upper

43 100

61 14.4 9.9 14.9

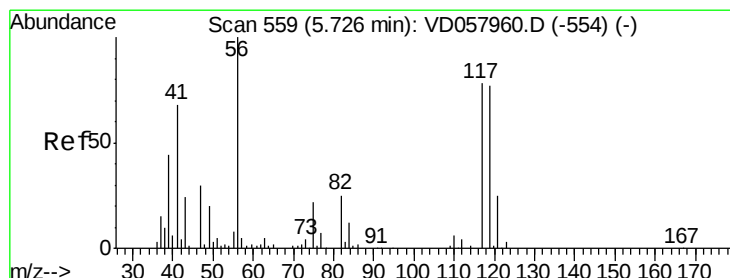
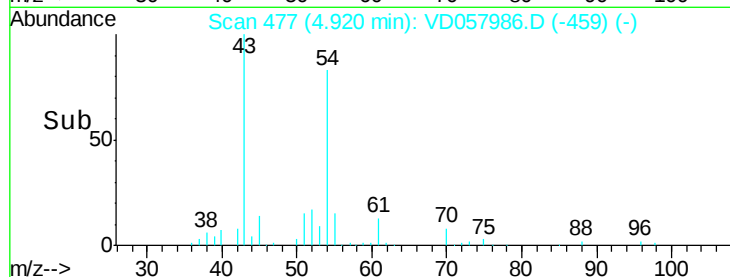
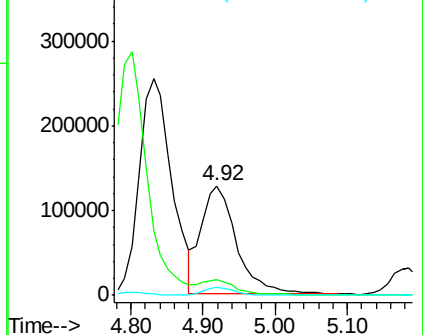
70 7.6 5.7 8.5



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: 50.765 ug/l

RT: 5.72 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

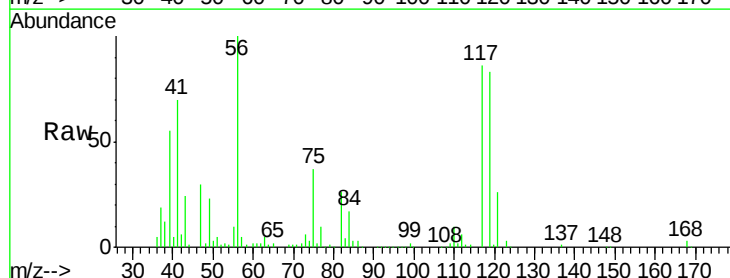
Tgt Ion: 117 Resp: 691890

Ion Ratio Lower Upper

117 100

119 95.5 76.1 114.1

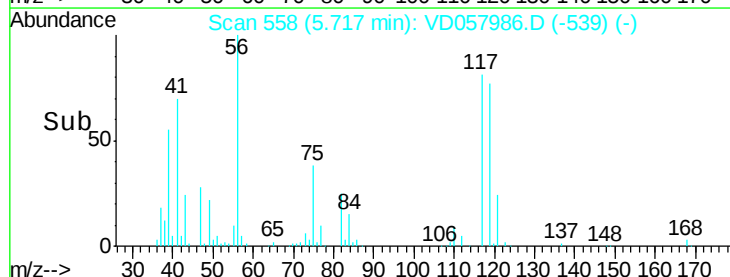
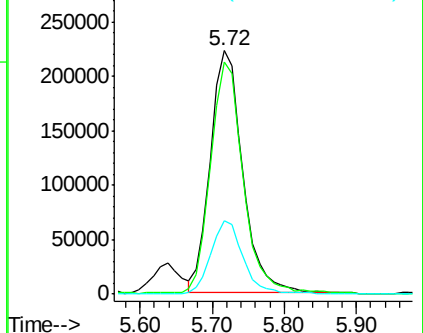
121 30.0 24.9 37.3

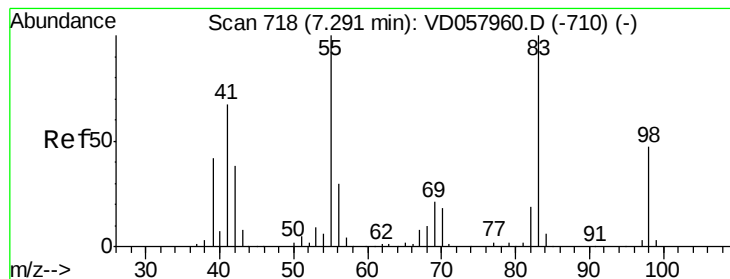


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#39

Methylcyclohexane

Concen: 50.696 ug/l

RT: 7.27 min Scan# 716

Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

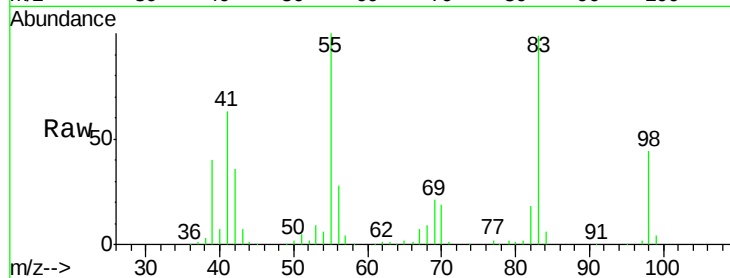
Tgt Ion: 83 Resp: 695005

Ion Ratio Lower Upper

83 100

55 101.2 80.3 120.5

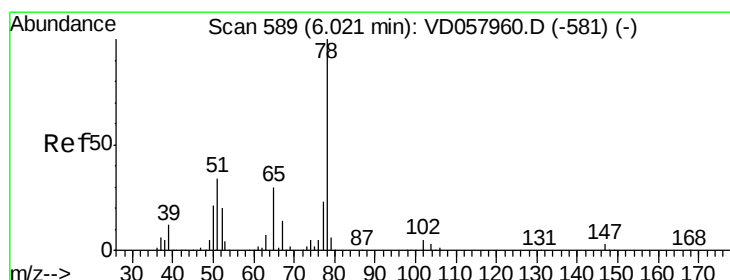
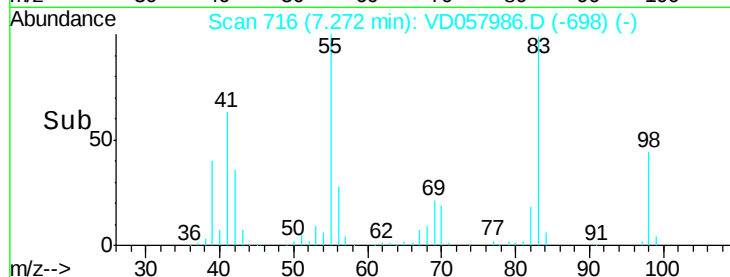
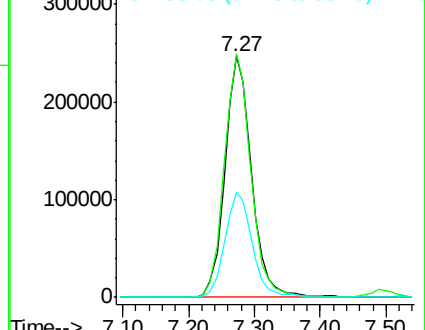
98 44.0 38.0 57.0



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 49.520 ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD057986.D

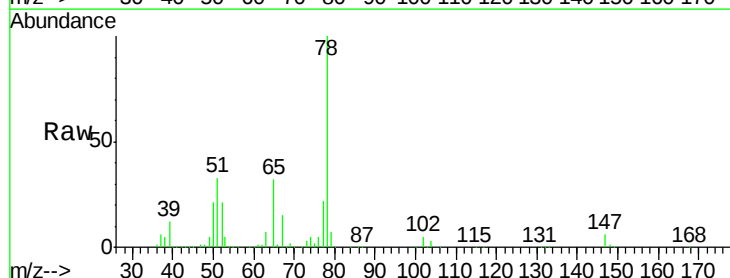
Acq: 7 Jun 2018 21:59

Tgt Ion: 78 Resp: 1599782

Ion Ratio Lower Upper

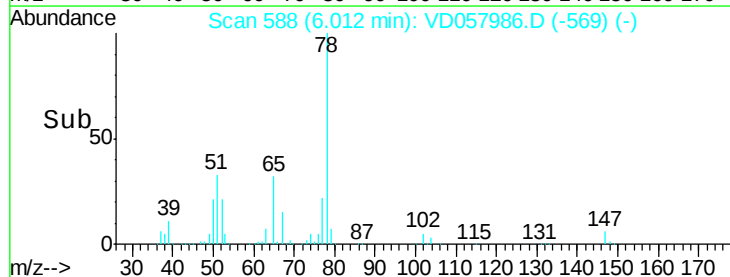
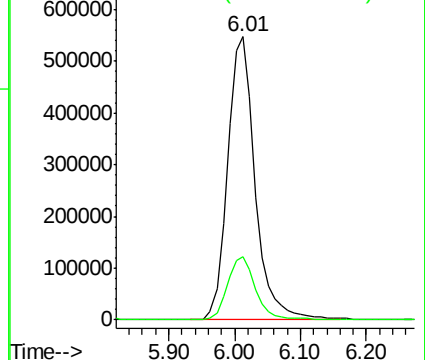
78 100

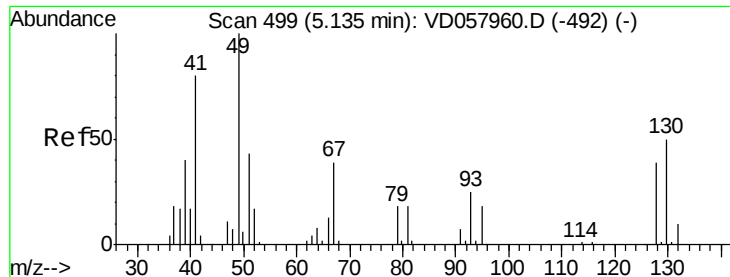
77 22.5 18.1 27.1



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

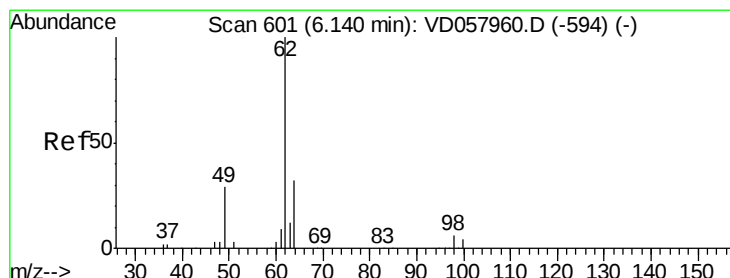
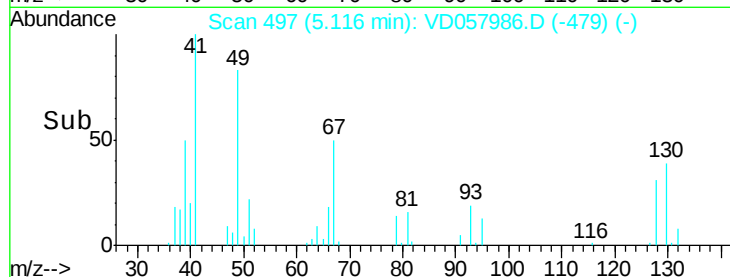
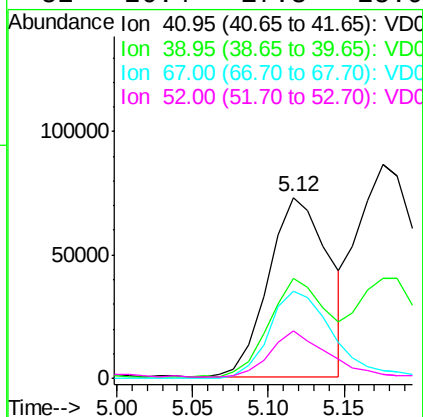
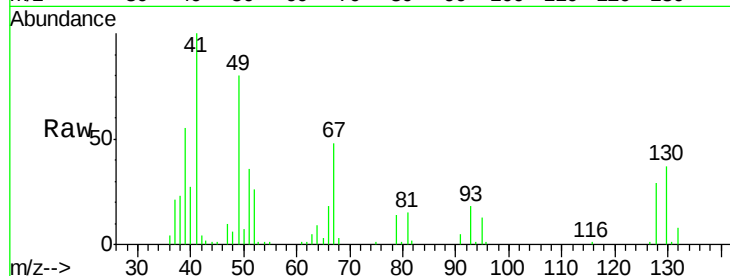




#41  
Methacrylonitrile  
Concen: 59.101 ug/l  
RT: 5.12 min Scan# 497  
Delta R.T. -0.02 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

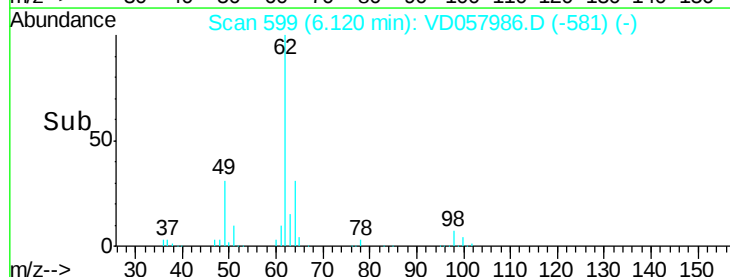
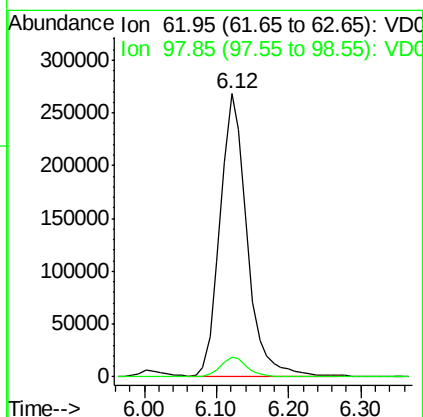
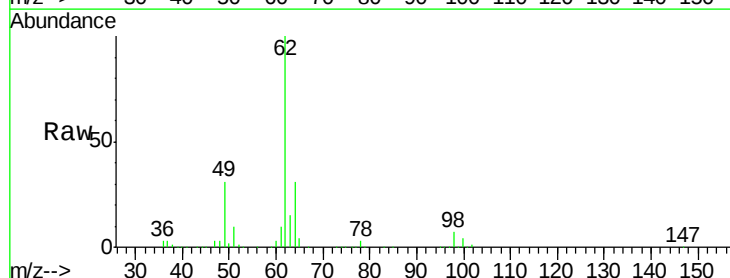
Instrument :  
MSVOA\_D  
ClientSampleID :  
VSTDCCC050EC

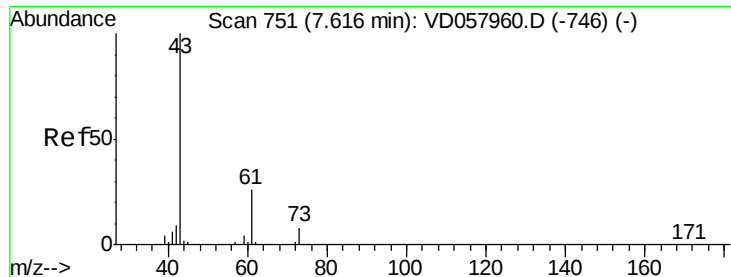
Tgt Ion: 41 Resp: 203917  
Ion Ratio Lower Upper  
41 100  
39 55.0 40.7 61.1  
67 48.1 38.8 58.2  
52 26.4 17.3 25.9#



#42  
1,2-Dichloroethane  
Concen: 52.883 ug/l  
RT: 6.12 min Scan# 599  
Delta R.T. -0.02 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion: 62 Resp: 690752  
Ion Ratio Lower Upper  
62 100  
98 6.7 0.0 12.8





#43

Isopropyl Acetate

Concen: 55.914 ug/l

RT: 7.61 min Scan# 750

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

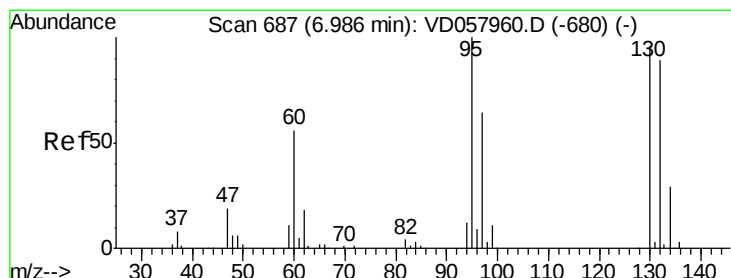
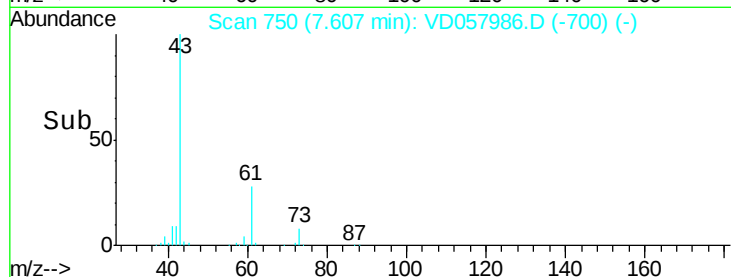
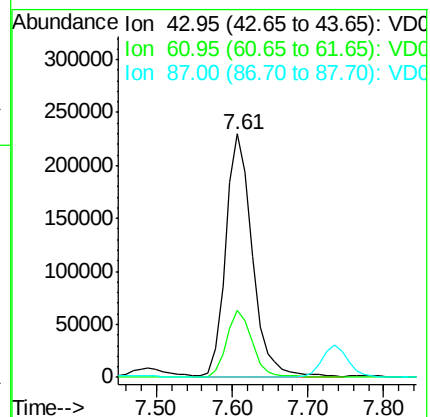
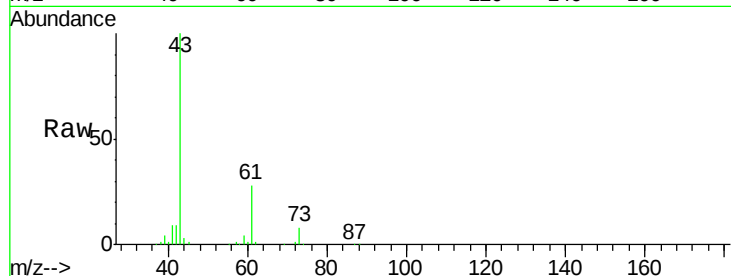
Tgt Ion: 43 Resp: 552656

Ion Ratio Lower Upper

43 100

61 27.5 20.6 30.8

87 0.2 0.2 0.4#



#44

Trichloroethene

Concen: 50.610 ug/l

RT: 6.98 min Scan# 686

Delta R.T. -0.01 min

Lab File: VD057986.D

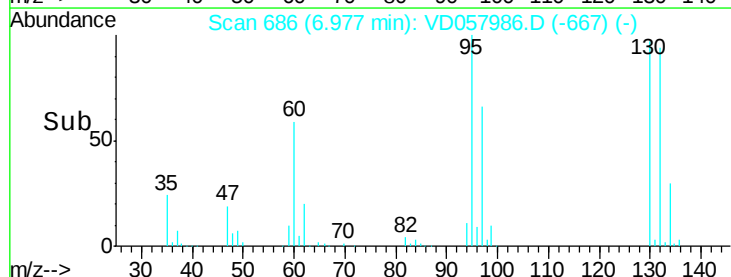
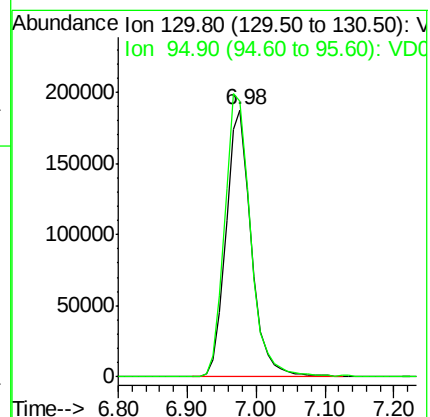
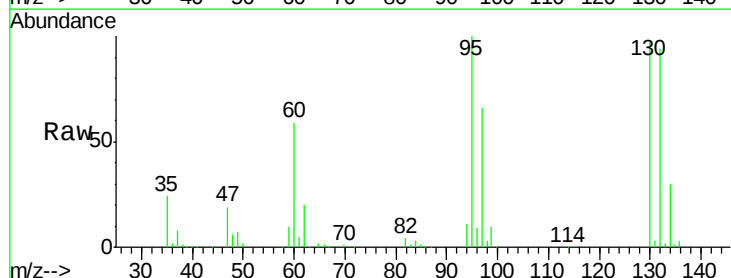
Acq: 7 Jun 2018 21:59

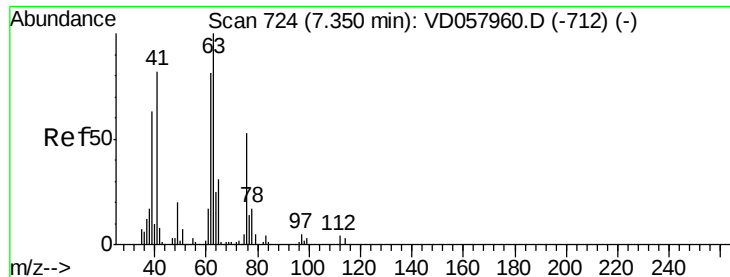
Tgt Ion: 130 Resp: 477576

Ion Ratio Lower Upper

130 100

95 103.1 0.0 207.4





#45

1,2-Dichloropropane

Concen: 51.922 ug/l

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

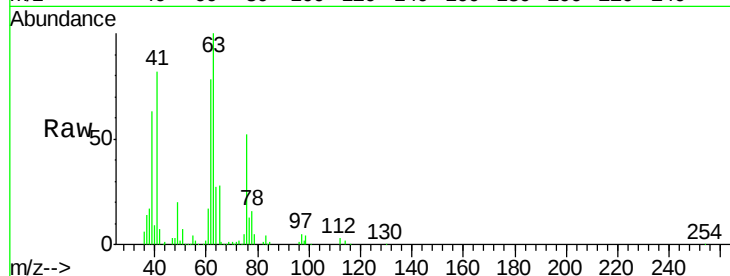
VSTDCCC050EC

Tgt Ion: 63 Resp: 466202

Ion Ratio Lower Upper

63 100

65 28.4 24.9 37.3



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

7.34

200000

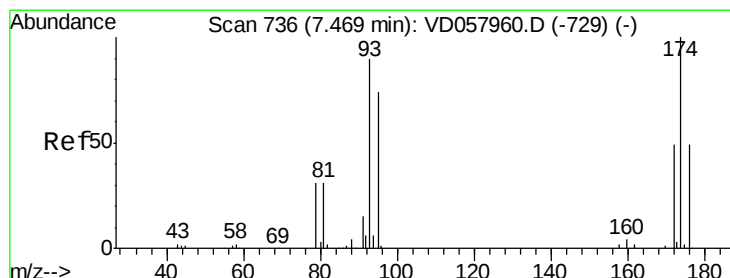
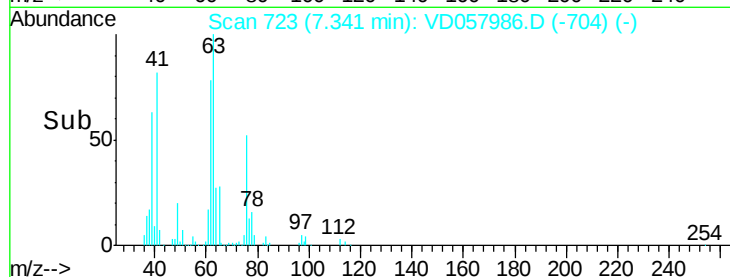
150000

100000

50000

0

Time--> 7.10 7.20 7.30 7.40 7.50



#46

Dibromomethane

Concen: 53.603 ug/l

RT: 7.46 min Scan# 735

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

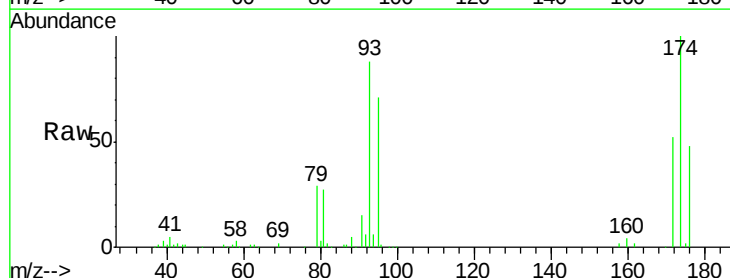
Tgt Ion: 93 Resp: 309182

Ion Ratio Lower Upper

93 100

95 81.1 65.7 98.5

174 114.2 89.0 133.4



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

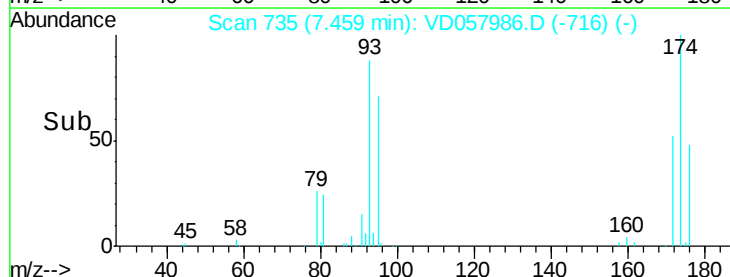
150000

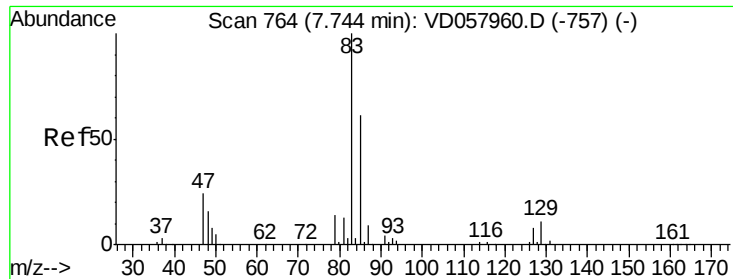
100000

50000

0

Time--> 7.30 7.40 7.50 7.60





#47

Bromodichloromethane

Concen: 53.133 ug/l

RT: 7.73 min Scan# 763

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

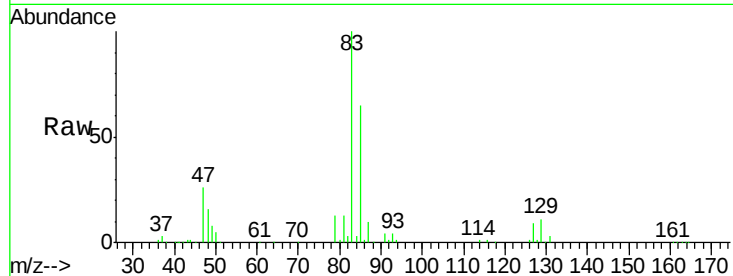
Tgt Ion: 83 Resp: 717581

Ion Ratio Lower Upper

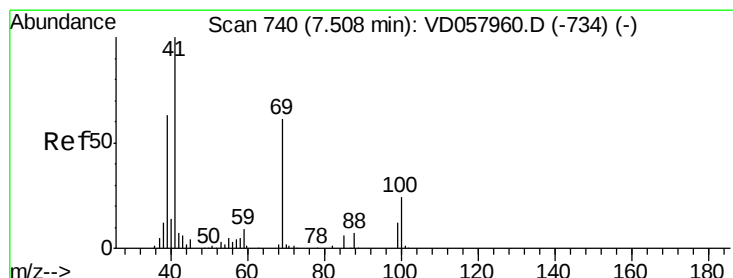
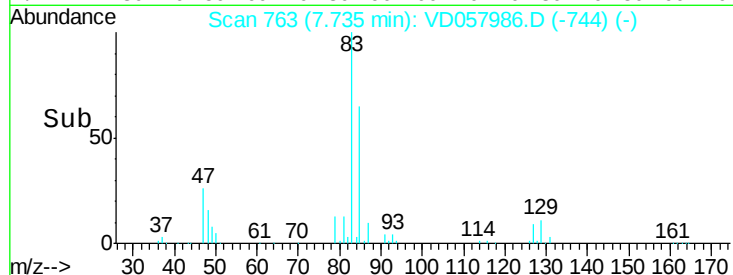
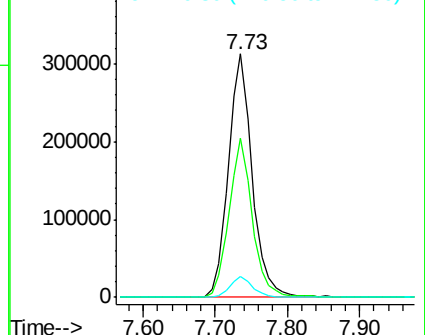
83 100

85 65.5 49.1 73.7

127 8.6 6.2 9.2



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



#48

Methyl methacrylate

Concen: 54.210 ug/l

RT: 7.50 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

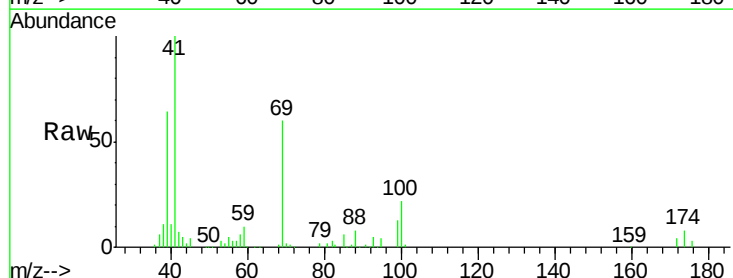
Tgt Ion: 41 Resp: 329787

Ion Ratio Lower Upper

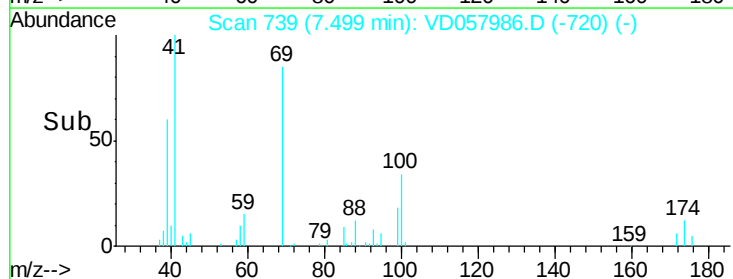
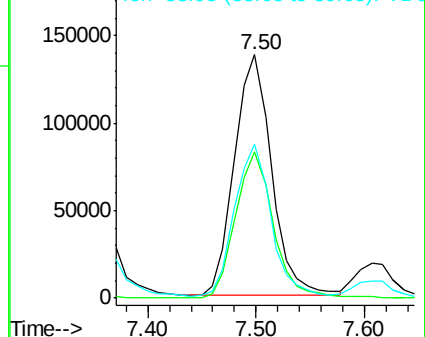
41 100

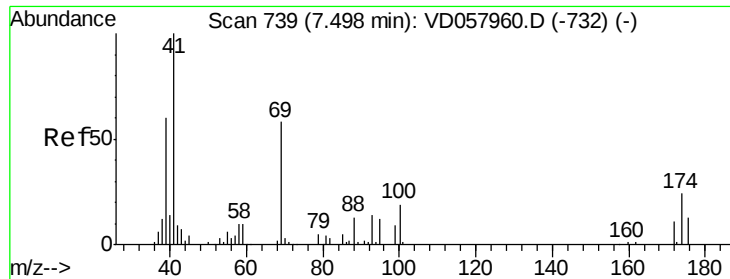
69 60.3 48.0 72.0

39 63.5 50.7 76.1



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: 1130.779 ug/l

RT: 7.48 min Scan# 737

Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

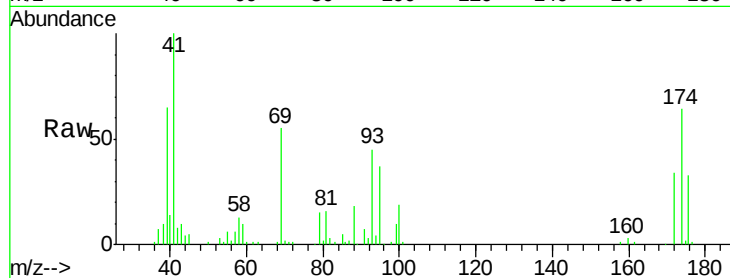
Tgt Ion: 88 Resp: 56988

Ion Ratio Lower Upper

88 100

43 56.6 46.6 69.8

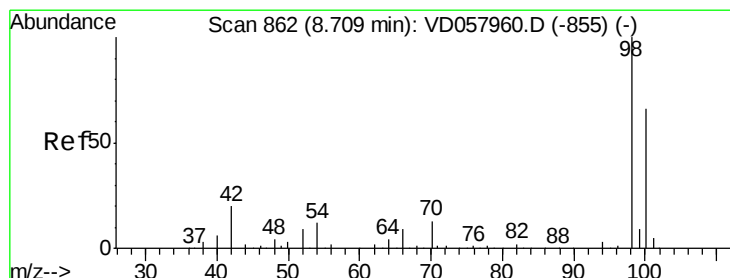
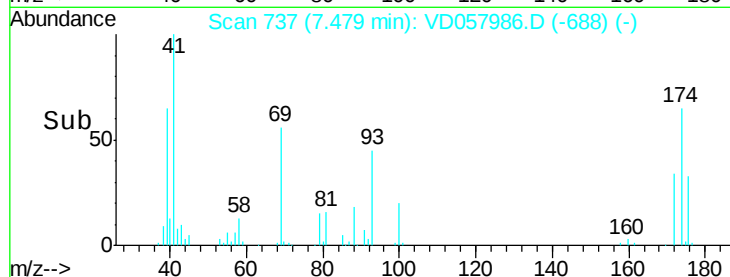
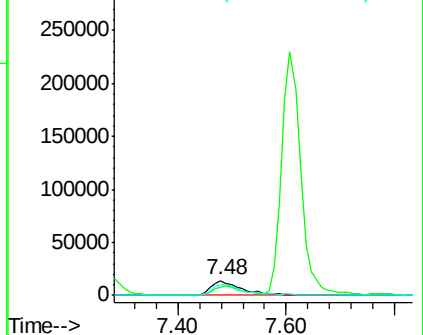
58 71.2 63.6 95.4



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 1130.779 ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD057986.D

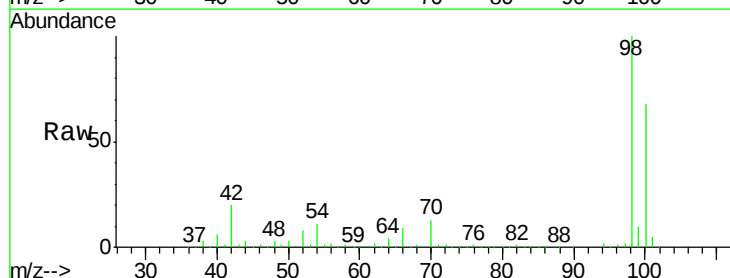
Acq: 7 Jun 2018 21:59

Tgt Ion: 98 Resp: 1136498

Ion Ratio Lower Upper

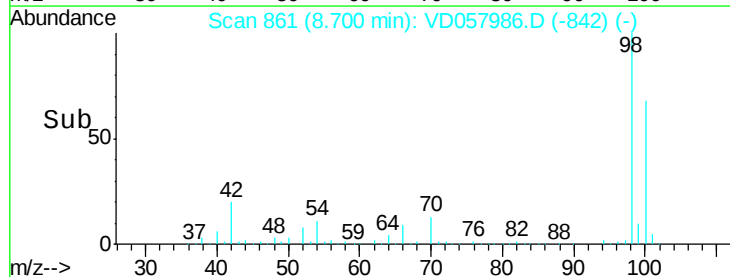
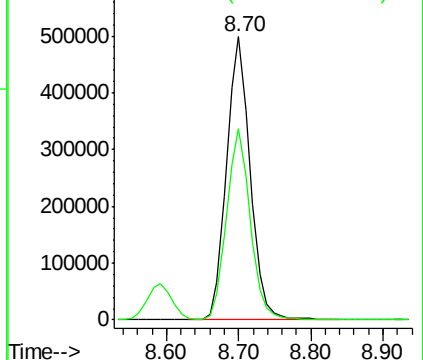
98 100

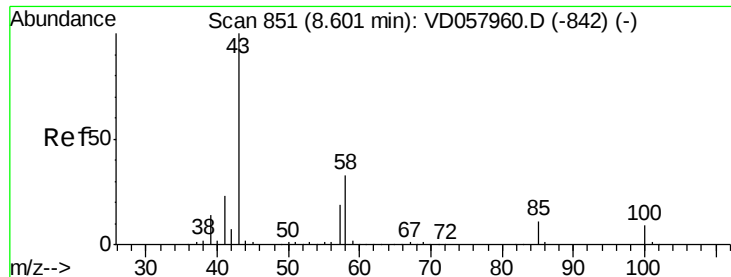
100 67.7 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 277.319 ug/l

RT: 8.59 min Scan# 850

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

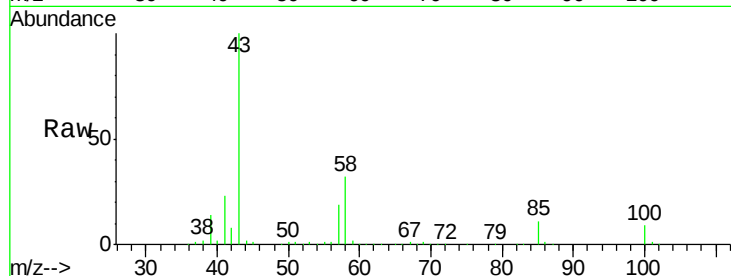
VSTDCCC050EC

Tgt Ion: 43 Resp: 1758115

Ion Ratio Lower Upper

43 100

58 32.4 26.2 39.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8.59

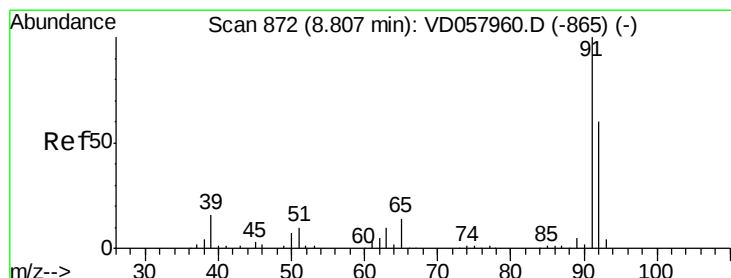
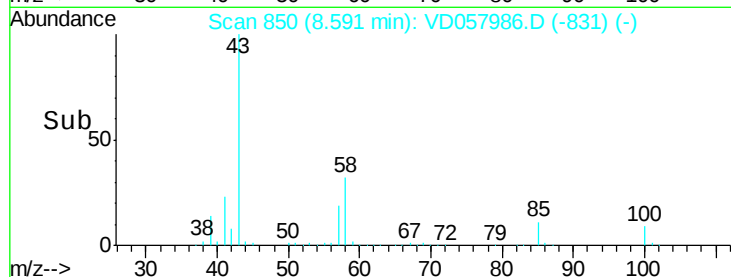
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.703 ug/l

RT: 8.79 min Scan# 870

Delta R.T. -0.02 min

Lab File: VD057986.D

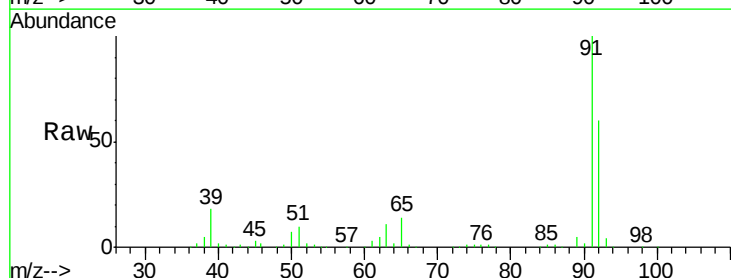
Acq: 7 Jun 2018 21:59

Tgt Ion: 92 Resp: 940070

Ion Ratio Lower Upper

92 100

91 165.9 133.0 199.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

8.79

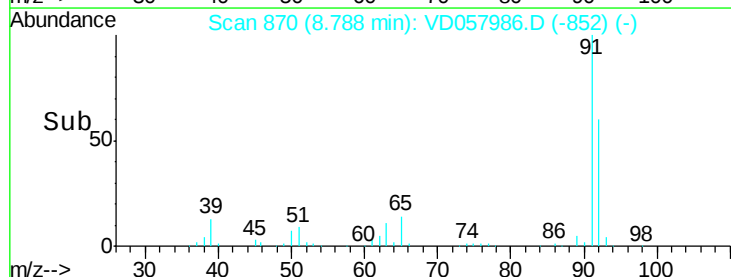
600000

400000

200000

0

Time-->

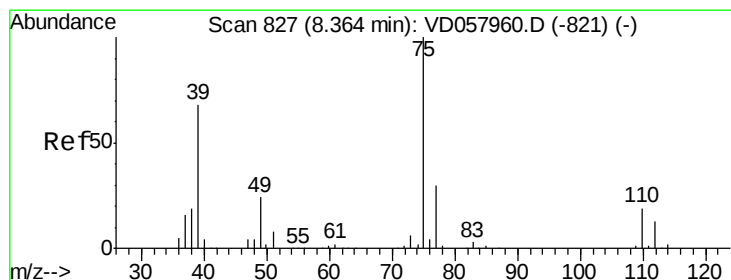
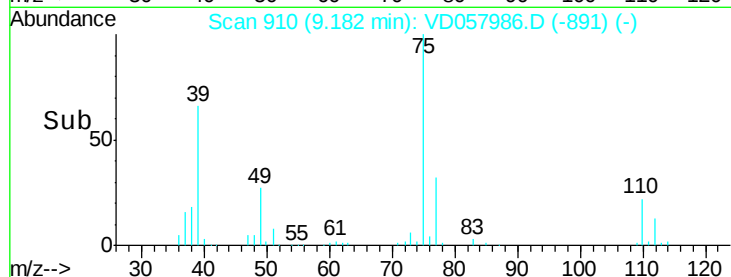
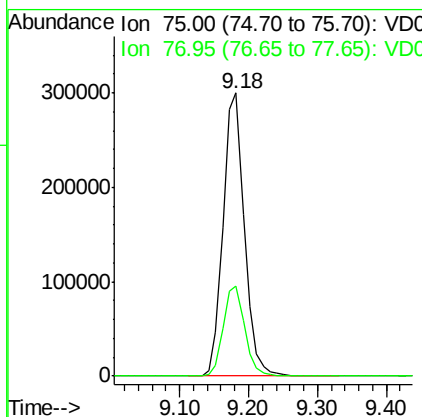
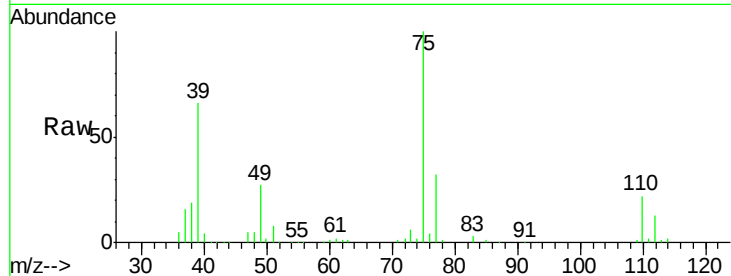




#53  
 t-1,3-Dichloropropene  
 Concen: 55.224 ug/l  
 RT: 9.18 min Scan# 910  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

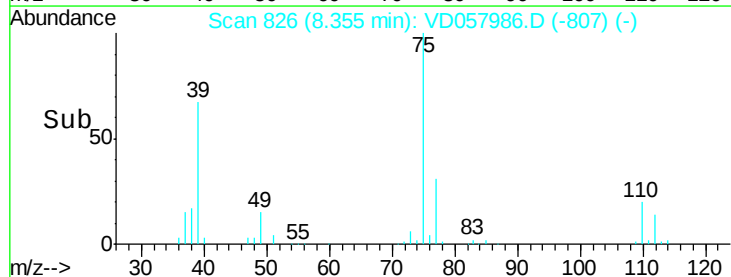
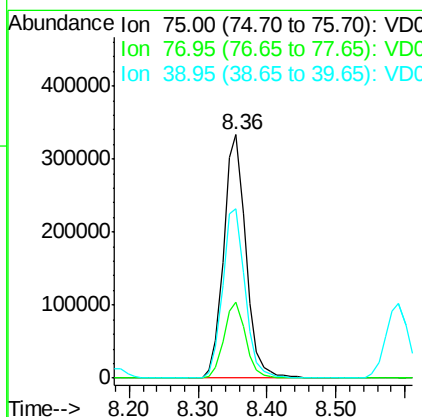
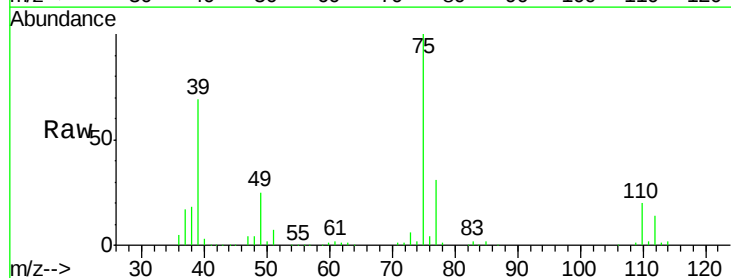
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

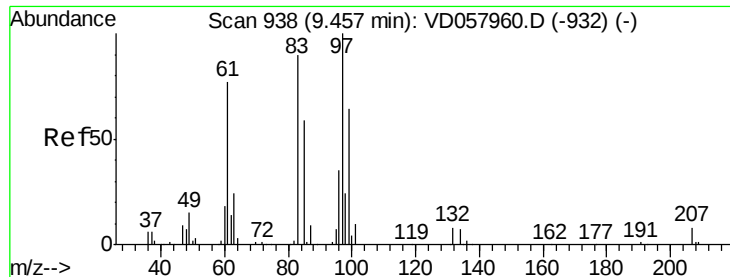
Tgt Ion: 75 Resp: 642562  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 24.3 36.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 54.372 ug/l  
 RT: 8.36 min Scan# 826  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

Tgt Ion: 75 Resp: 745329  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 24.1 36.1  
 39 69.4 54.0 81.0





#55

1,1,2-Trichloroethane

Concen: 53.636 ug/l

RT: 9.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 321849

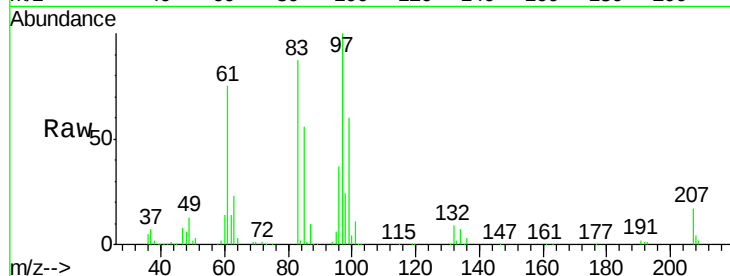
Ion Ratio Lower Upper

97 100

83 86.6 71.8 107.8

85 55.8 47.2 70.8

99 60.0 51.4 77.0

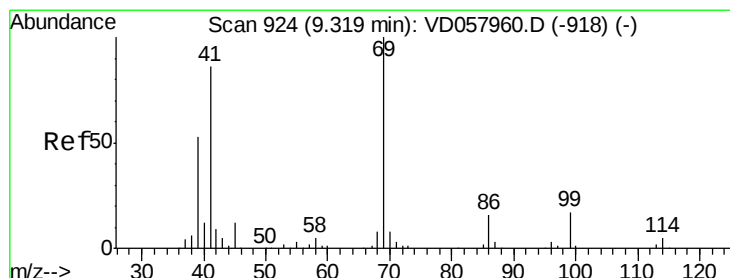
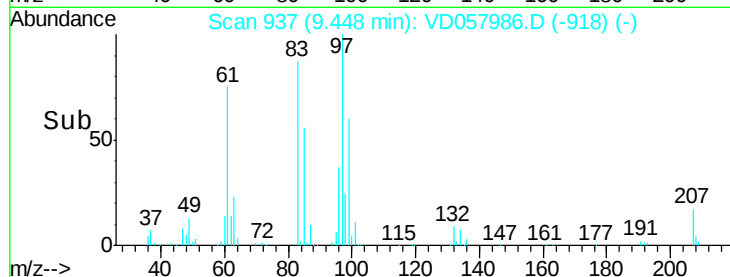
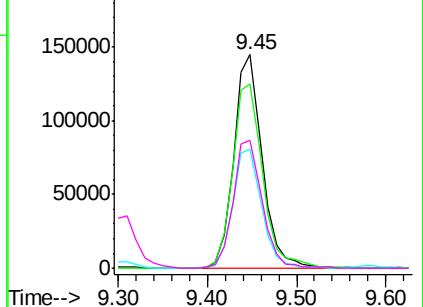


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 56.007 ug/l

RT: 9.30 min Scan# 922

Delta R.T. -0.02 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

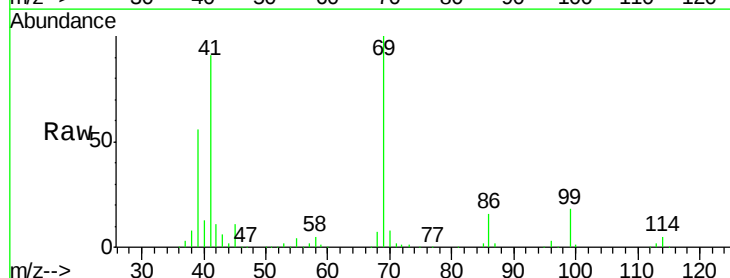
Tgt Ion: 69 Resp: 412250

Ion Ratio Lower Upper

69 100

41 91.5 68.4 102.6

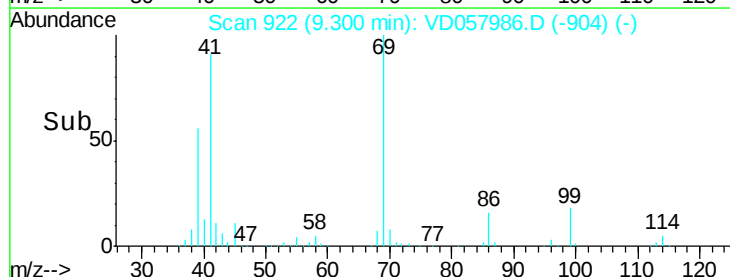
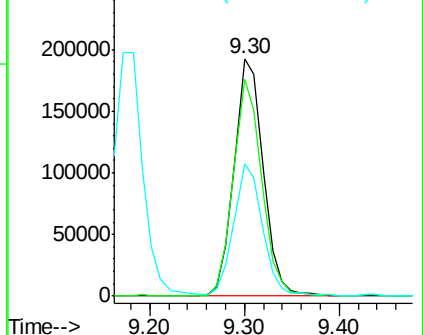
39 55.8 43.0 64.4

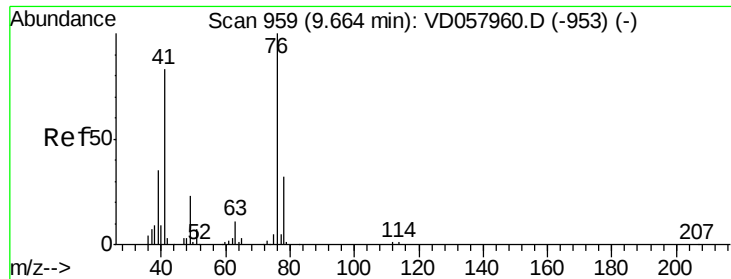


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 52.432 ug/l

RT: 9.65 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

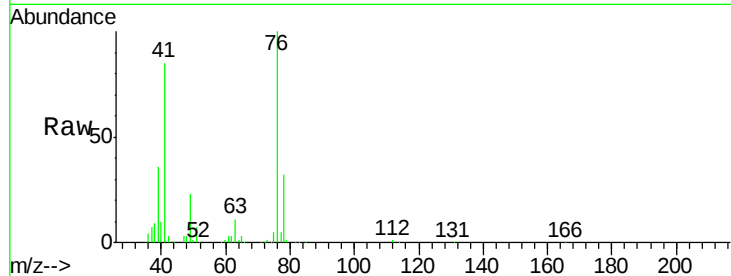
VSTDCCC050EC

Tgt Ion: 76 Resp: 551813

Ion Ratio Lower Upper

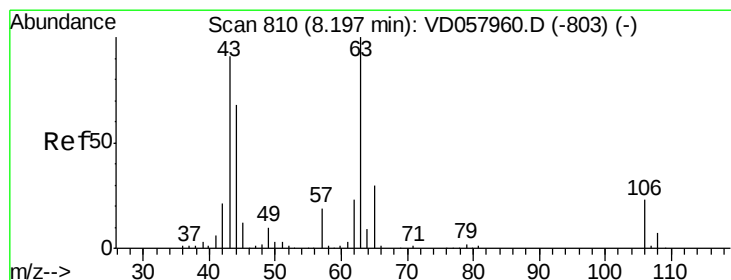
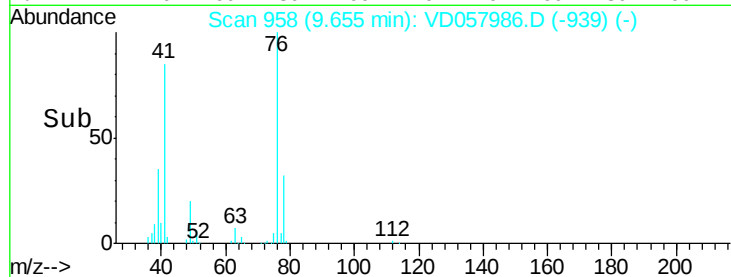
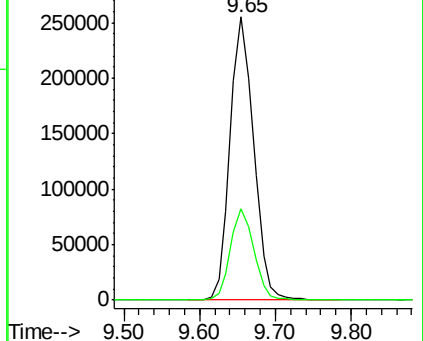
76 100

78 32.1 25.4 38.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 258.480 ug/l

RT: 8.18 min Scan# 808

Delta R.T. -0.02 min

Lab File: VD057986.D

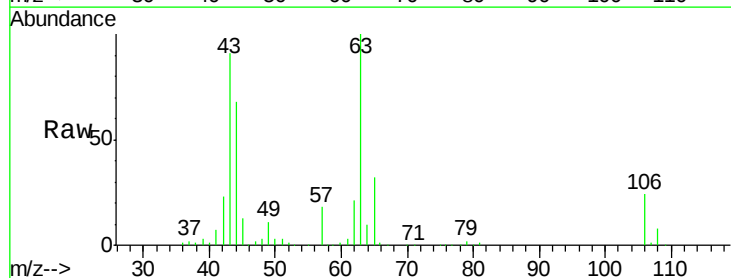
Acq: 7 Jun 2018 21:59

Tgt Ion: 63 Resp: 961237

Ion Ratio Lower Upper

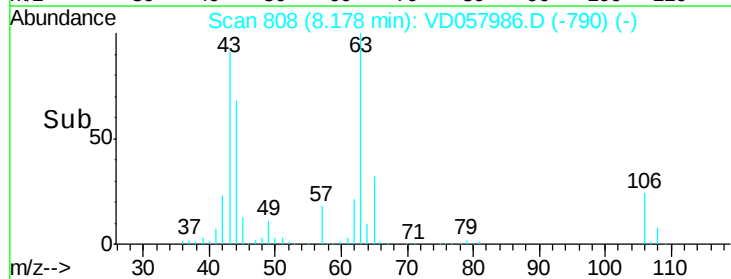
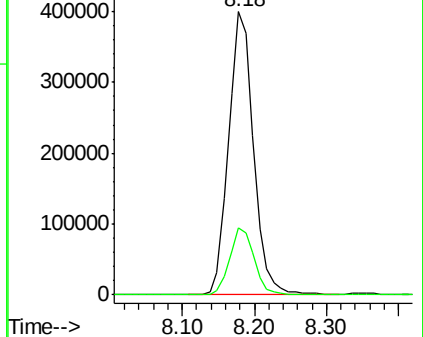
63 100

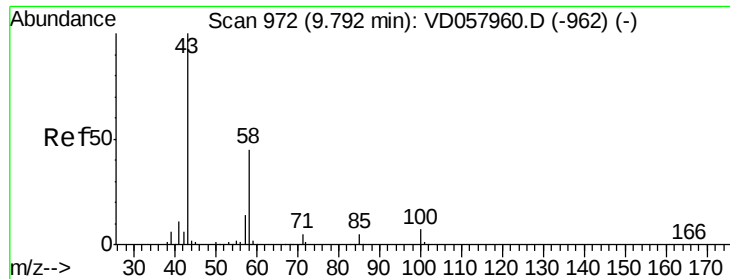
106 23.5 18.7 28.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

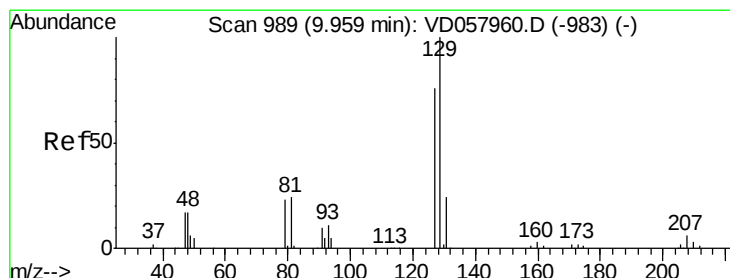
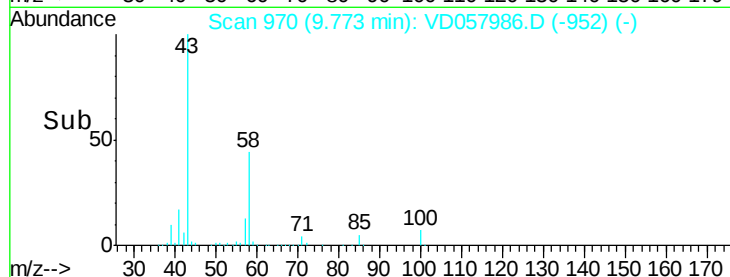
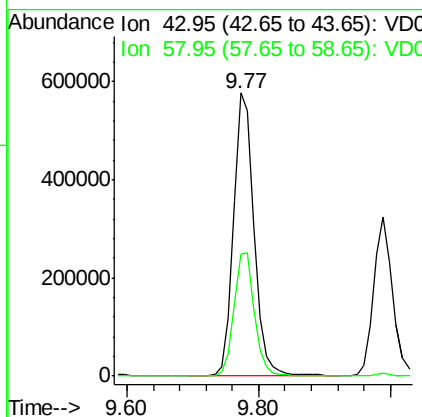
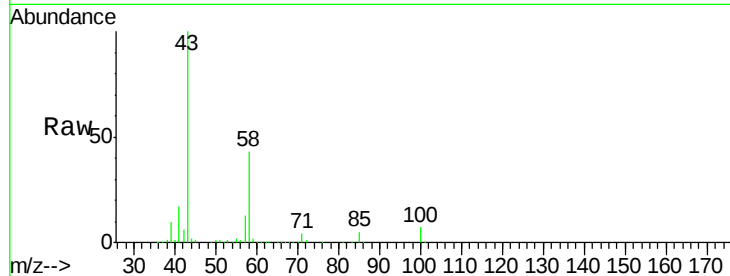




#59  
2-Hexanone  
Concen: 272.368 ug/l  
RT: 9.77 min Scan# 970  
Delta R.T. -0.02 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

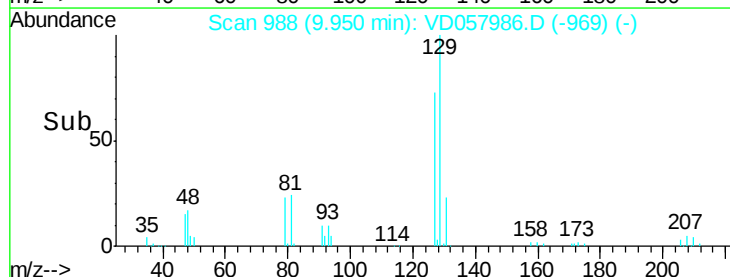
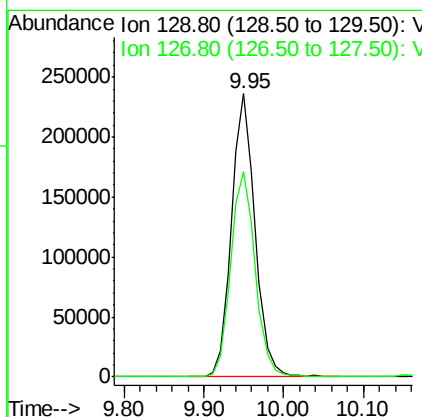
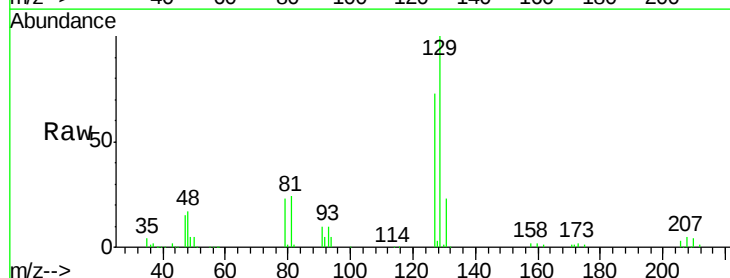
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

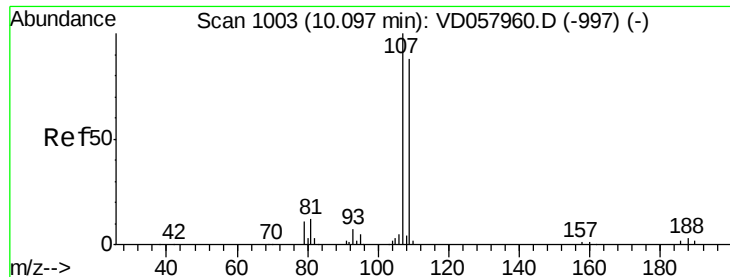
Tgt Ion: 43 Resp: 1265411  
Ion Ratio Lower Upper  
43 100  
58 43.3 22.5 67.5



#60  
Dibromochloromethane  
Concen: 57.729 ug/l  
RT: 9.95 min Scan# 988  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion: 129 Resp: 488489  
Ion Ratio Lower Upper  
129 100  
127 72.6 38.3 114.8





#61

1,2-Dibromoethane

Concen: 55.040 ug/l

RT: 10.09 min Scan# 1002

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

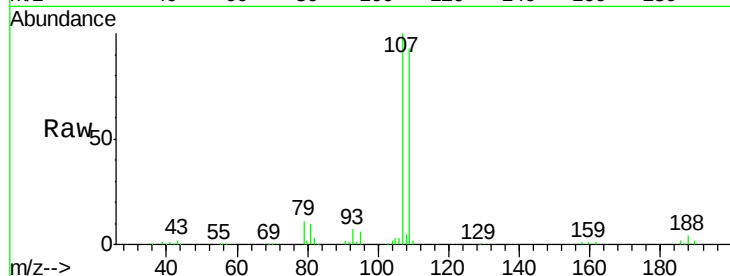
VSTDCCC050EC

Tgt Ion: 107 Resp: 379811

Ion Ratio Lower Upper

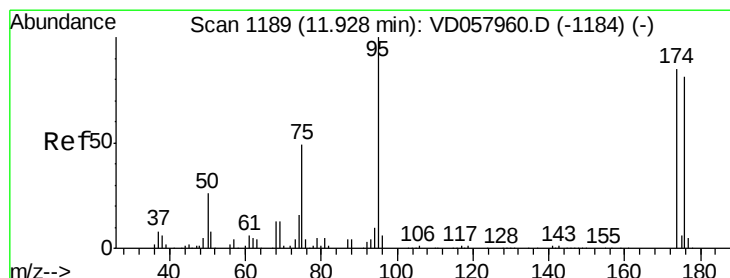
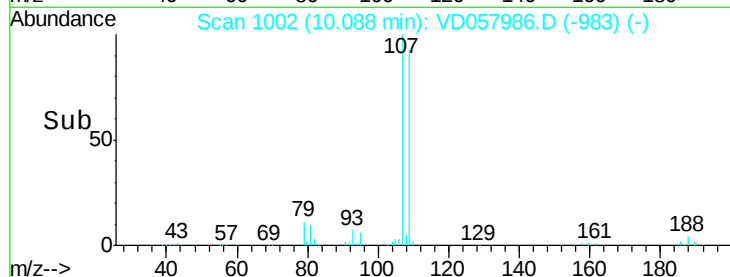
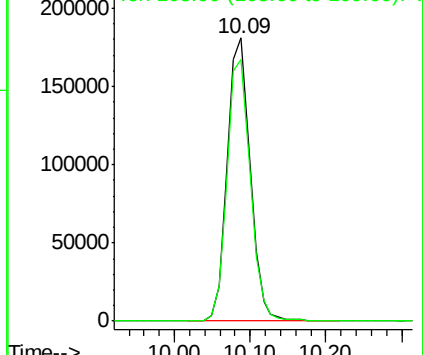
107 100

109 92.6 70.6 106.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 55.040 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

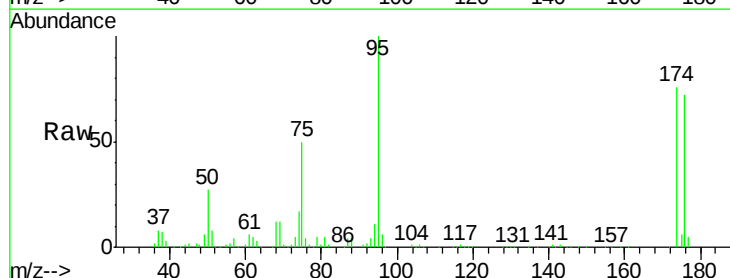
Tgt Ion: 95 Resp: 492092

Ion Ratio Lower Upper

95 100

174 76.0 0.0 169.4

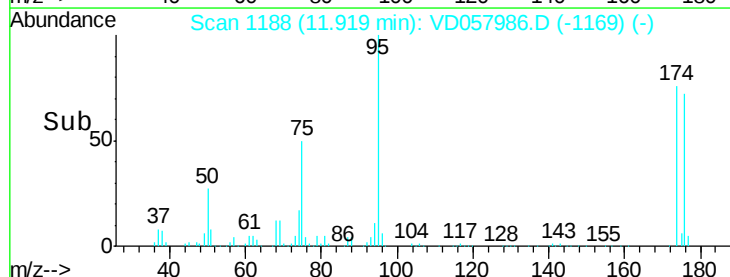
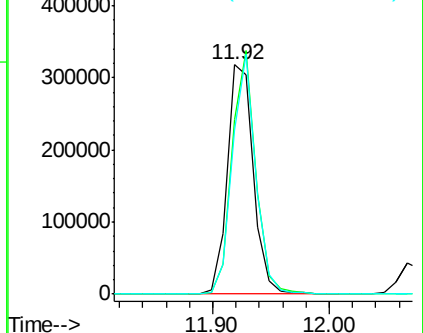
176 72.0 0.0 162.6

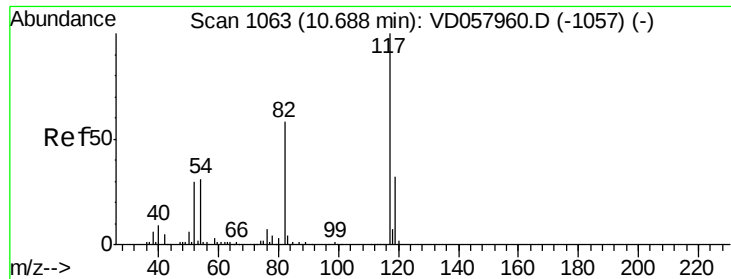


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

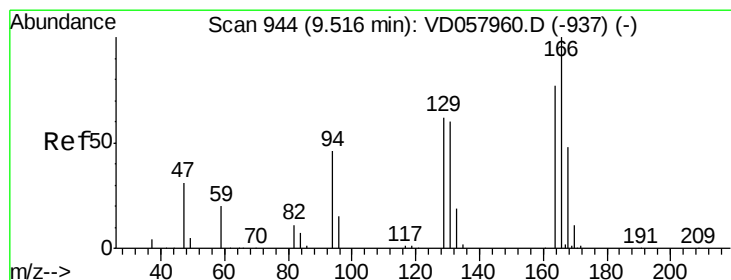
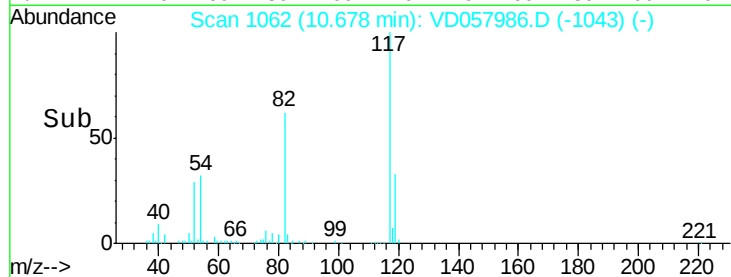
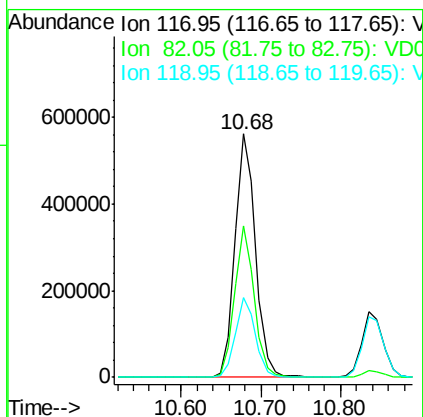
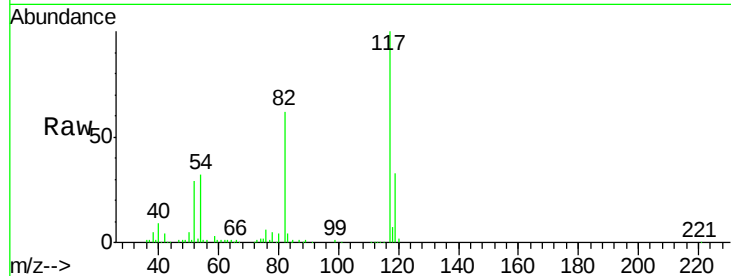




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.68 min Scan# 1062  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

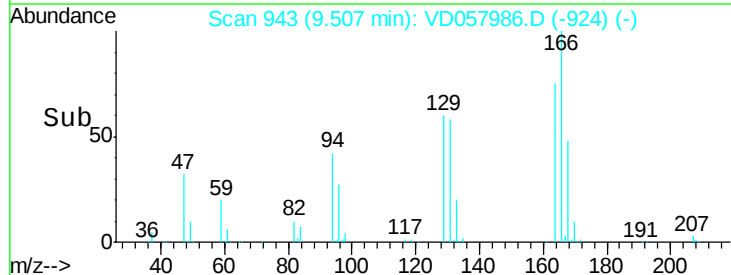
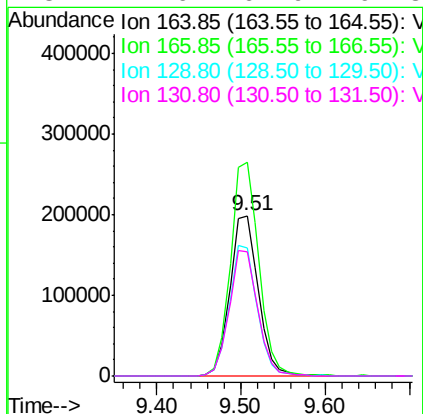
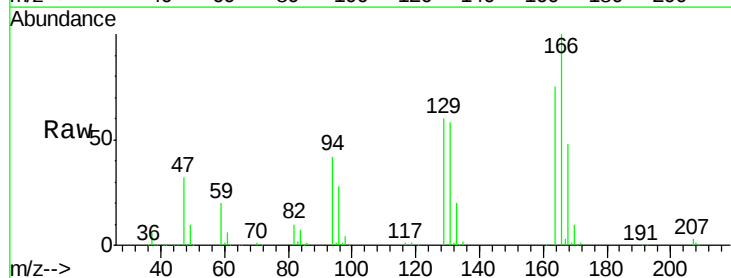
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

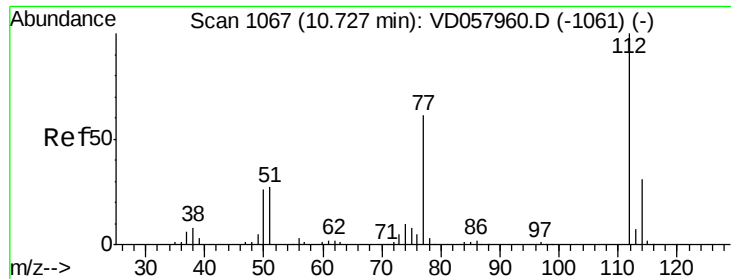
Tgt Ion:117 Resp: 1015073  
Ion Ratio Lower Upper  
117 100  
82 62.3 46.8 70.2  
119 33.0 25.8 38.6



#64  
Tetrachloroethene  
Concen: 51.325 ug/l  
RT: 9.51 min Scan# 943  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion:164 Resp: 465759  
Ion Ratio Lower Upper  
164 100  
166 133.3 104.4 156.6  
129 79.7 65.0 97.6  
131 77.6 62.9 94.3

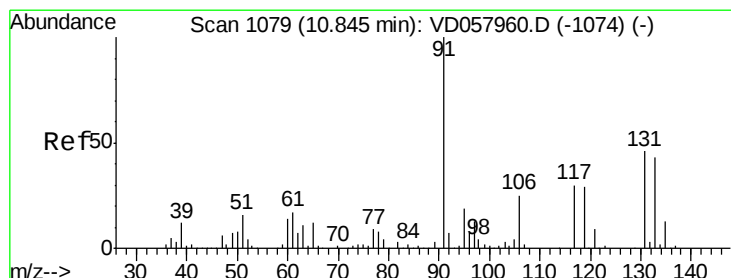
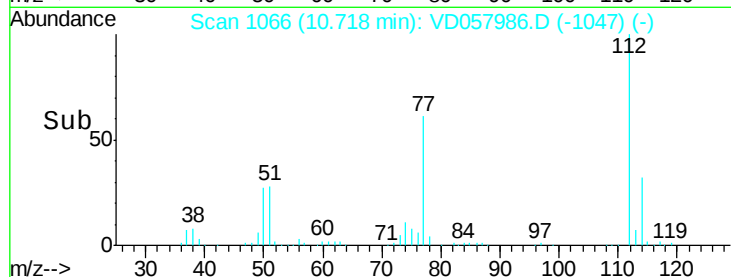
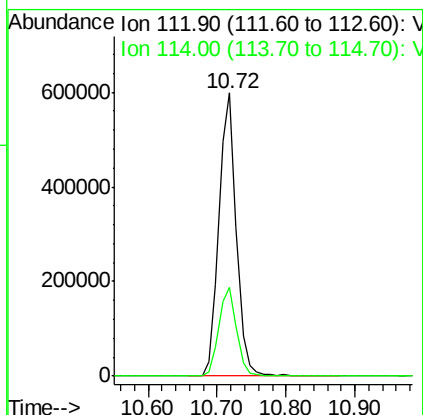
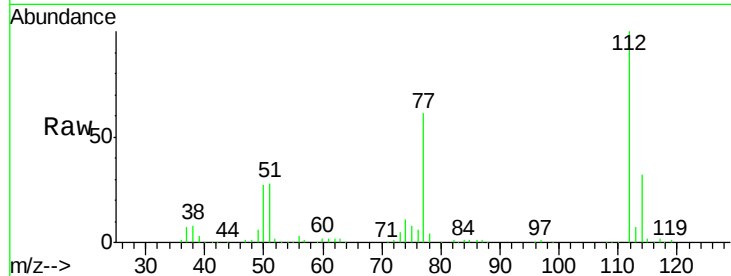




#65  
Chlorobenzene  
Concen: 50.946 ug/l  
RT: 10.72 min Scan# 1066  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

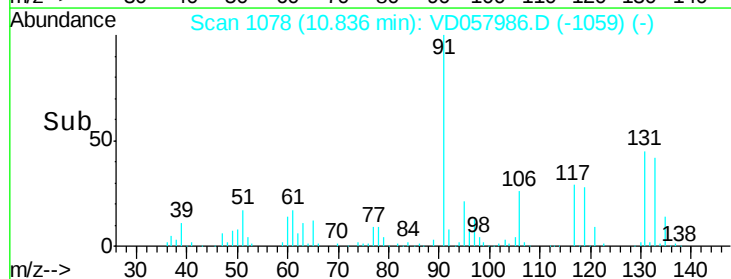
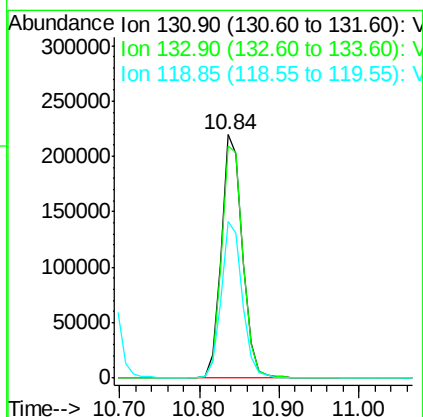
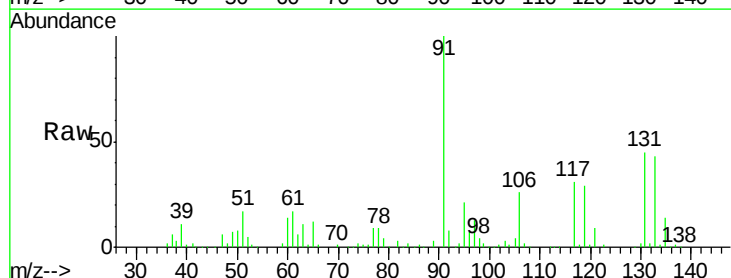
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

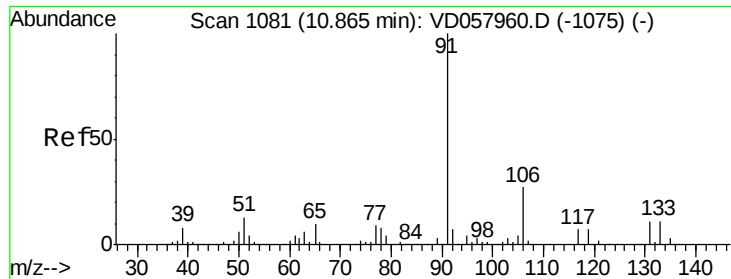
Tgt Ion:112 Resp: 1046916  
Ion Ratio Lower Upper  
112 100  
114 31.5 24.9 37.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.905 ug/l  
RT: 10.84 min Scan# 1078  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion:131 Resp: 409794  
Ion Ratio Lower Upper  
131 100  
133 95.4 46.9 140.6  
119 64.2 31.8 95.3

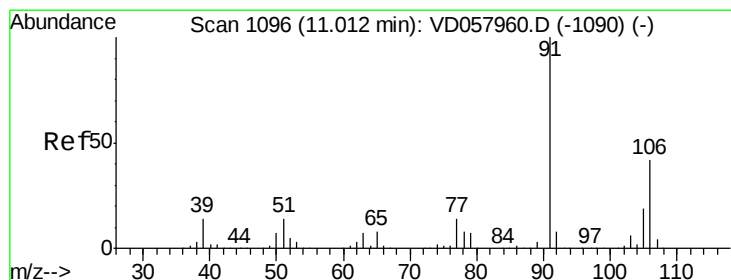
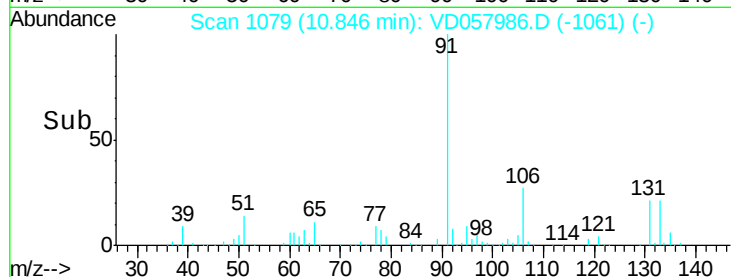
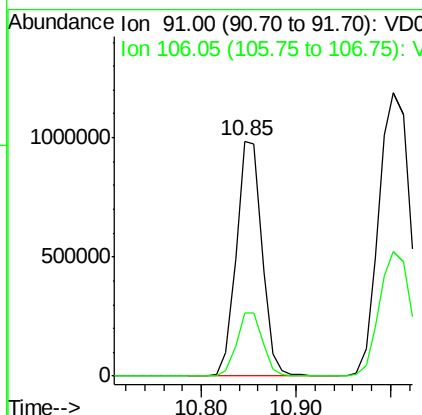
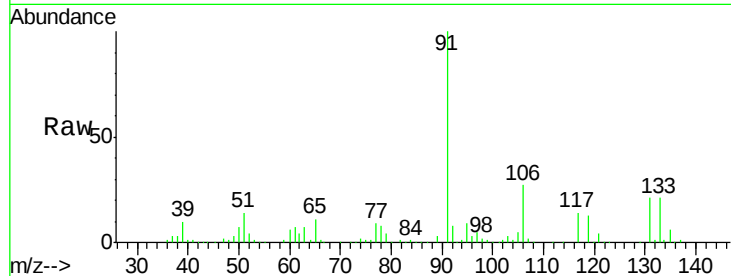




#67  
Ethyl Benzene  
Concen: 49.907 ug/l  
RT: 10.85 min Scan# 1079  
Delta R.T. -0.02 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

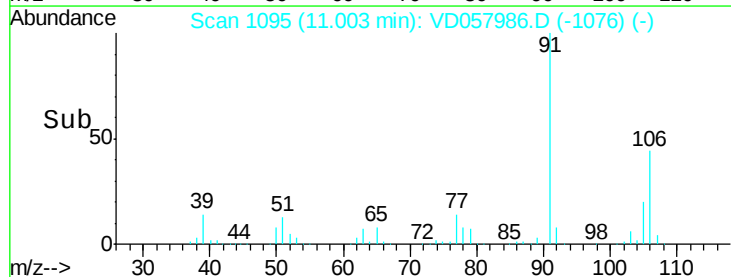
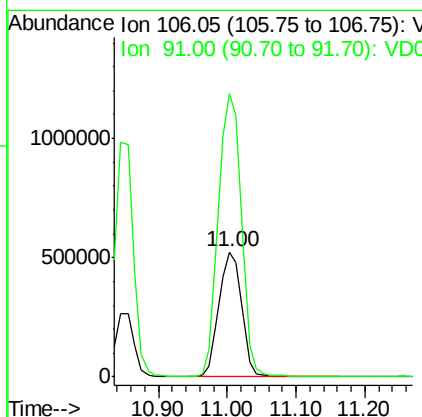
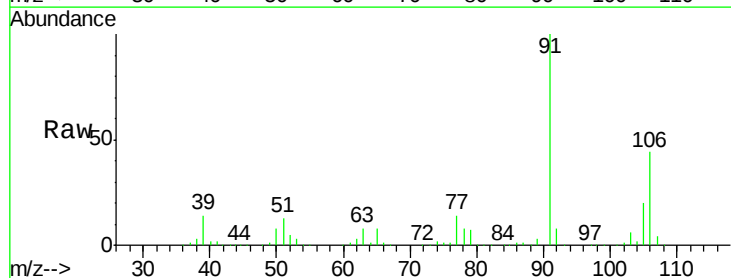
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

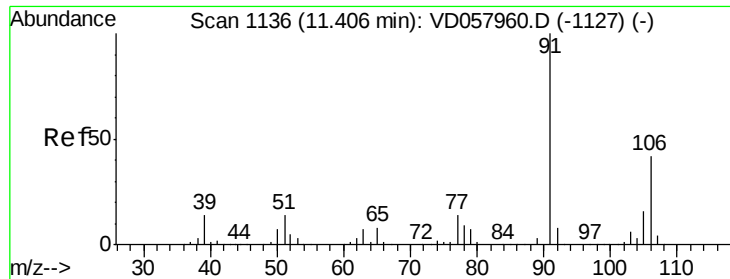
Tgt Ion: 91 Resp: 1852794  
Ion Ratio Lower Upper  
91 100  
106 26.9 21.5 32.3



#68  
m/p-Xylenes  
Concen: 98.621 ug/l  
RT: 11.00 min Scan# 1095  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion: 106 Resp: 1193591  
Ion Ratio Lower Upper  
106 100  
91 225.9 190.4 285.6

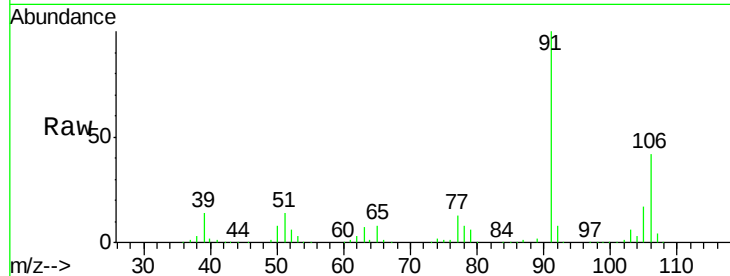




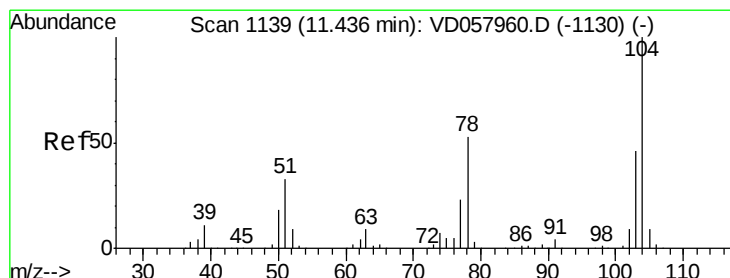
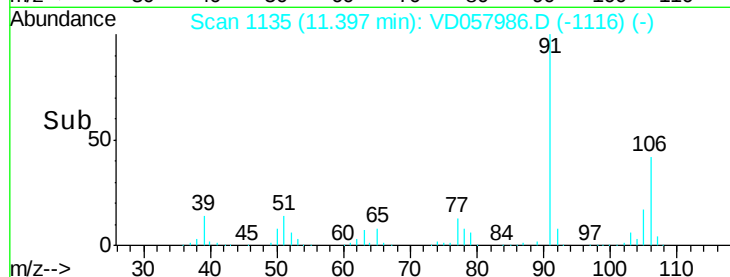
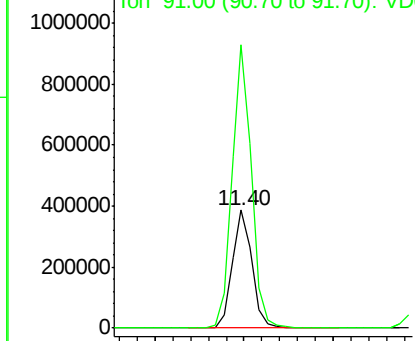
#69  
o-Xylene  
Concen: 50.120 ug/l  
RT: 11.40 min Scan# 1135  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 602106  
Ion Ratio Lower Upper  
106 100  
91 239.6 120.6 361.7

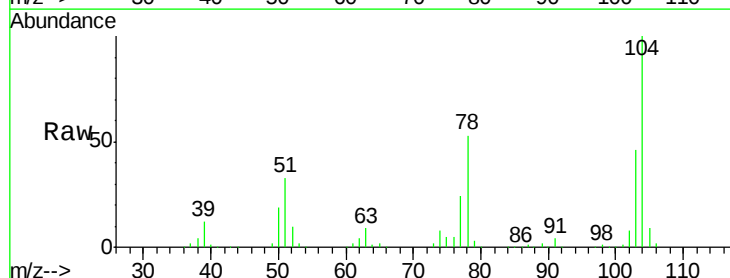


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

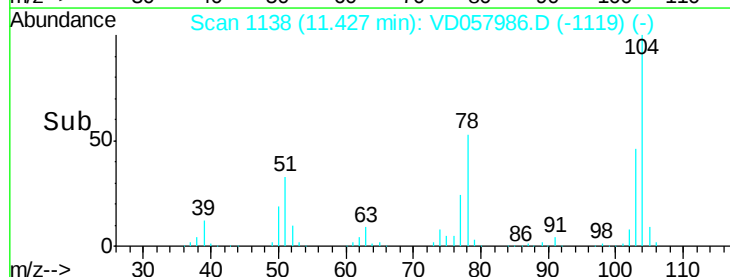
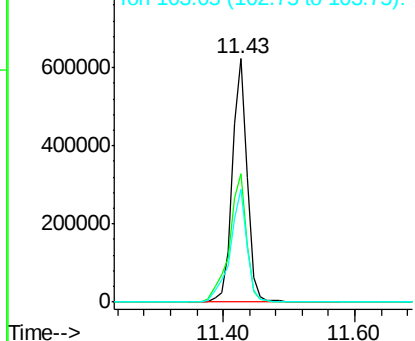


#70  
Styrene  
Concen: 49.412 ug/l  
RT: 11.43 min Scan# 1138  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion:104 Resp: 982667  
Ion Ratio Lower Upper  
104 100  
78 52.7 42.1 63.1  
103 46.3 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

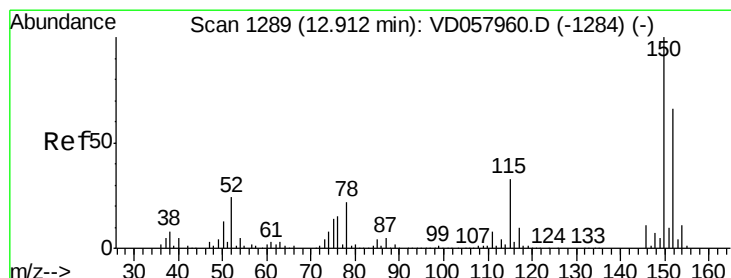
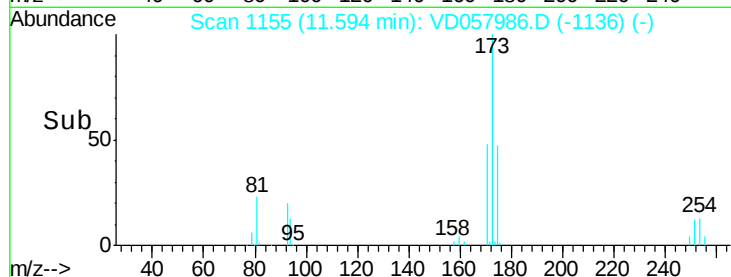
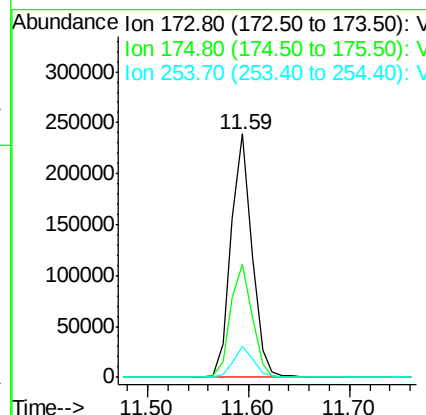
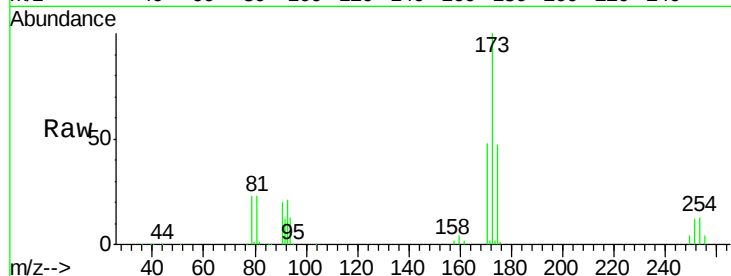




#71  
Bromoform  
Concen: 58.169 ug/l  
RT: 11.59 min Scan# 1155  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

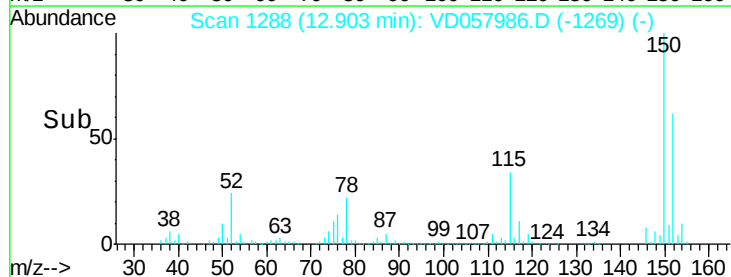
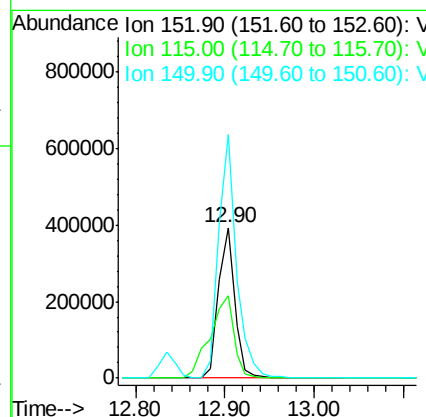
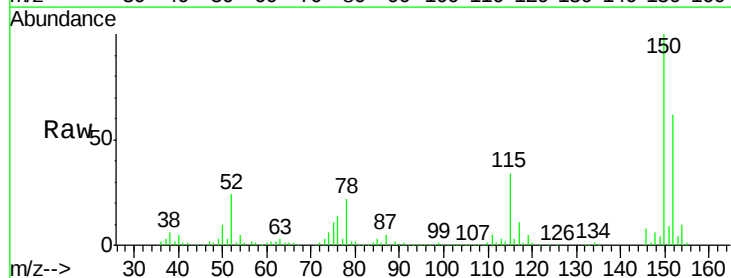
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

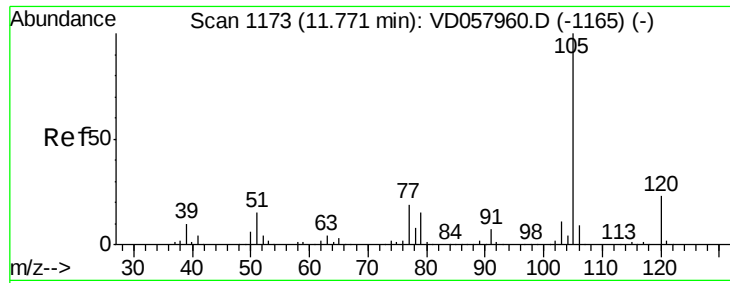
Tgt Ion:173 Resp: 345485  
Ion Ratio Lower Upper  
173 100  
175 46.7 25.1 75.2  
254 12.6 10.7 16.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.90 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion:152 Resp: 504483  
Ion Ratio Lower Upper  
152 100  
115 54.4 25.6 76.6  
150 161.6 0.0 306.8





#73

Isopropylbenzene

Concen: 48.091 ug/l

RT: 11.76 min Scan# 1172

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

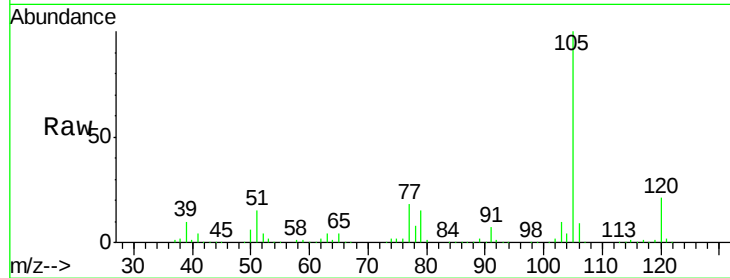
VSTDCCC050EC

Tgt Ion:105 Resp: 1606943

Ion Ratio Lower Upper

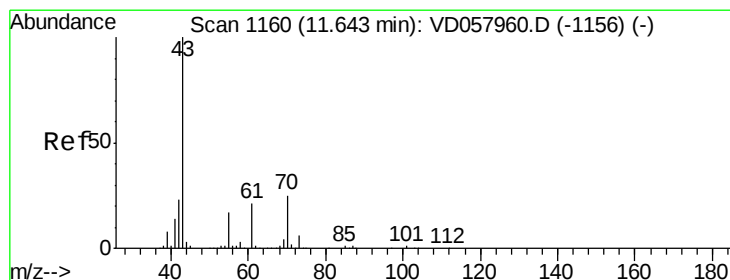
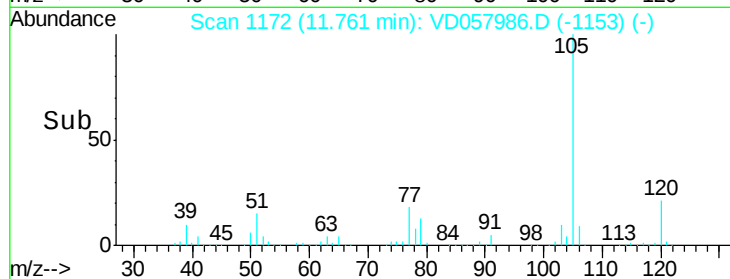
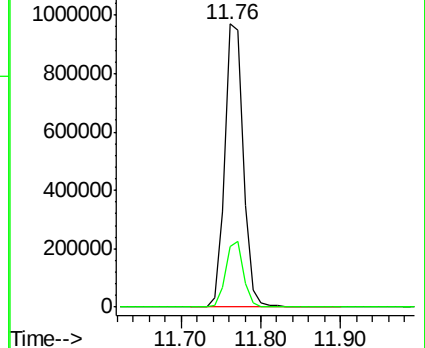
105 100

120 21.3 11.3 33.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 54.791 ug/l

RT: 11.64 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Tgt Ion: 43 Resp: 706464

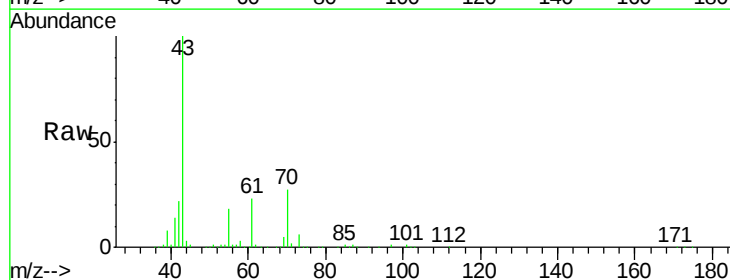
Ion Ratio Lower Upper

43 100

70 26.7 20.3 30.5

55 17.9 13.9 20.9

61 22.7 16.6 24.8

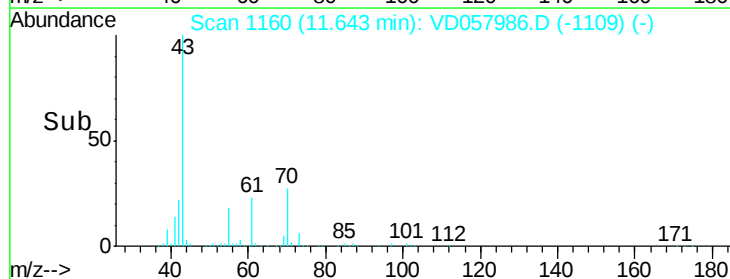
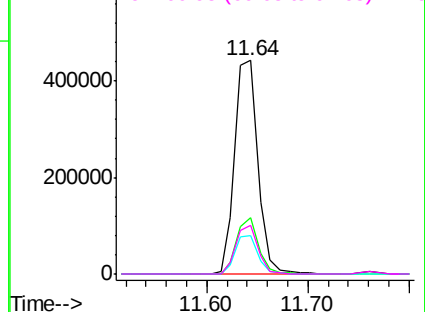


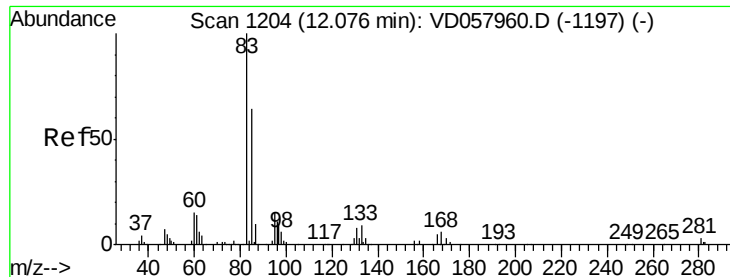
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 56.161 ug/l

RT: 12.07 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

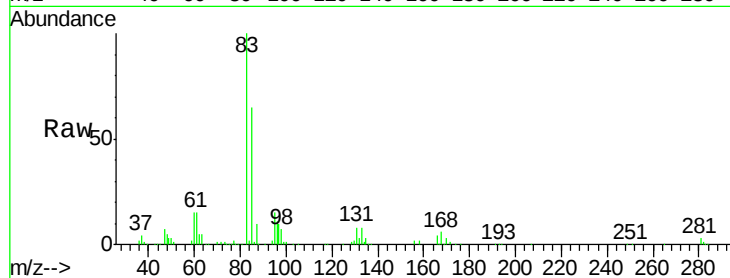
Tgt Ion: 83 Resp: 409149

Ion Ratio Lower Upper

83 100

131 8.1 4.2 12.6

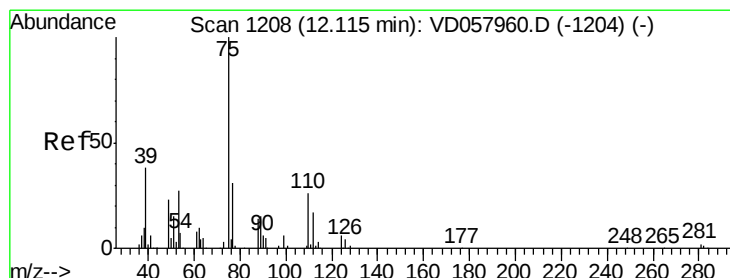
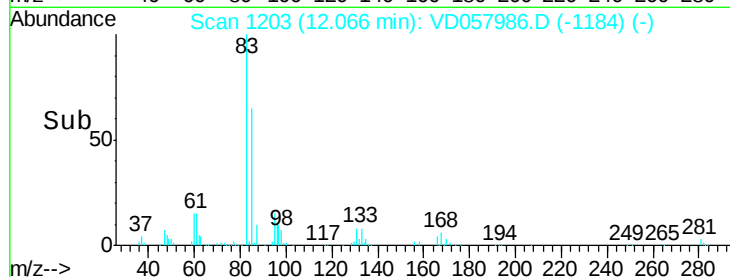
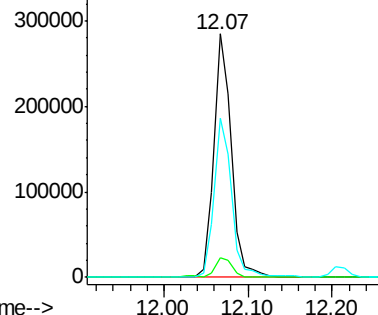
85 65.3 31.9 95.5



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: 55.458 ug/l

RT: 12.11 min Scan# 1207

Delta R.T. -0.01 min

Lab File: VD057986.D

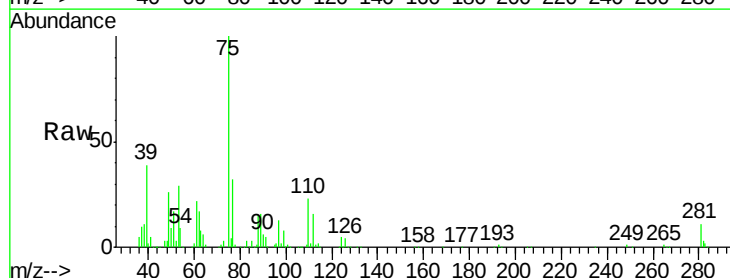
Acq: 7 Jun 2018 21:59

Tgt Ion: 75 Resp: 420266

Ion Ratio Lower Upper

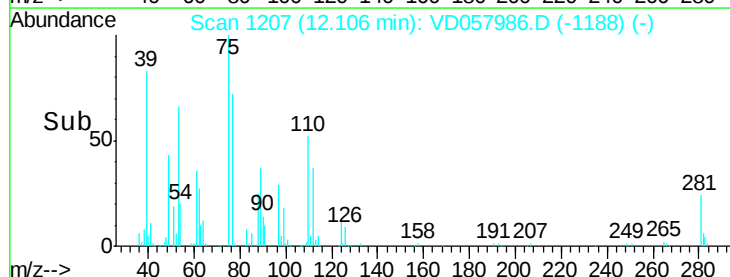
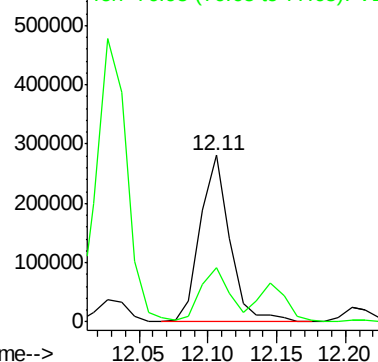
75 100

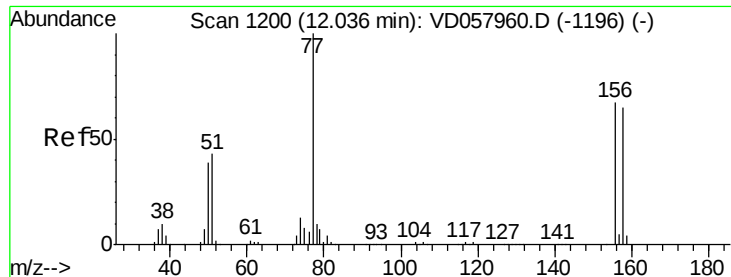
77 32.5 16.7 50.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

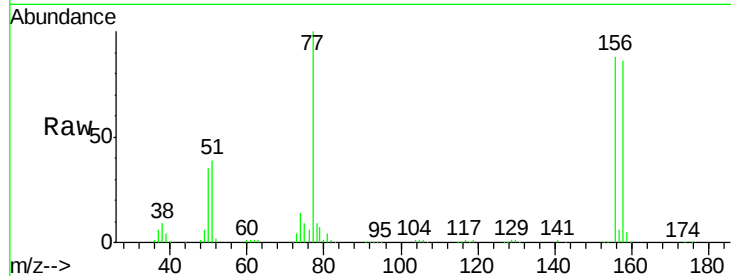




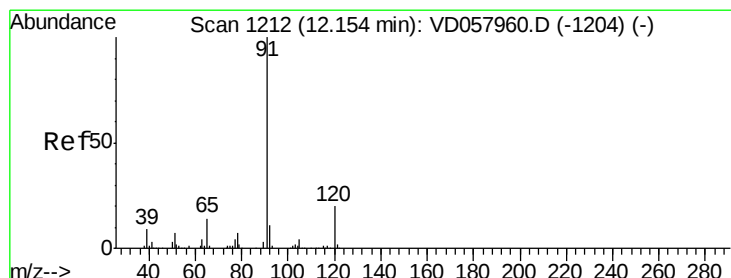
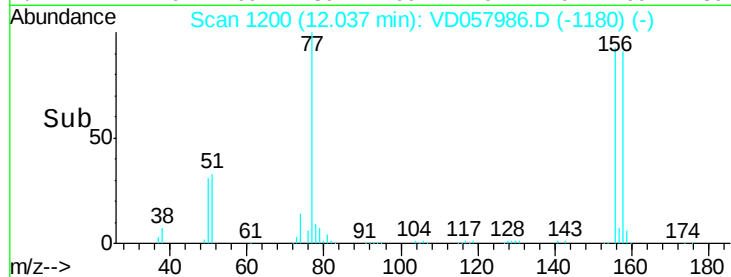
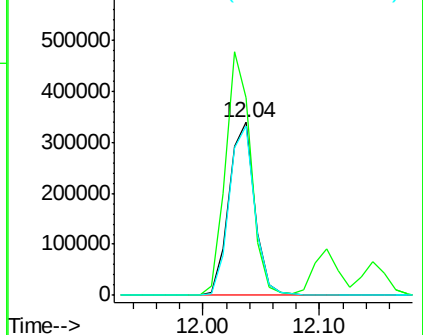
#77  
Bromobenzene  
Concen: 52.563 ug/l  
RT: 12.04 min Scan# 1200  
Delta R.T. 0.00 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:156 Resp: 519894  
Ion Ratio Lower Upper  
156 100  
77 114.3 75.0 224.8  
158 97.9 48.6 145.9

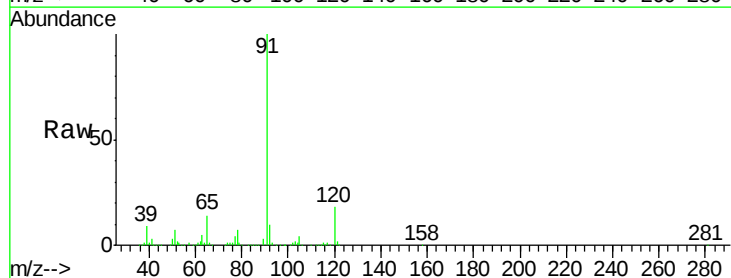


Abundance Ion 155.90 (155.60 to 156.60): V  
Ion 76.95 (76.65 to 77.65): VDC  
Ion 157.85 (157.55 to 158.55): V

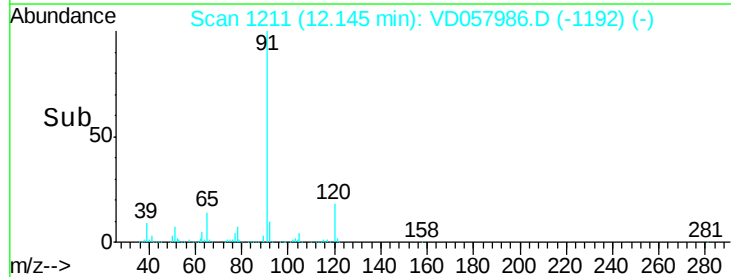
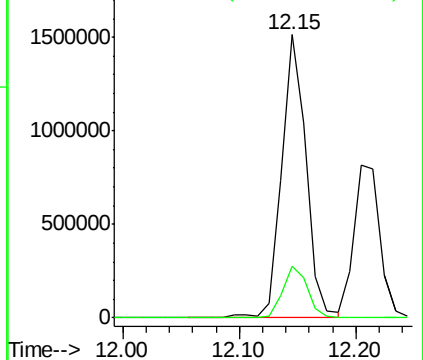


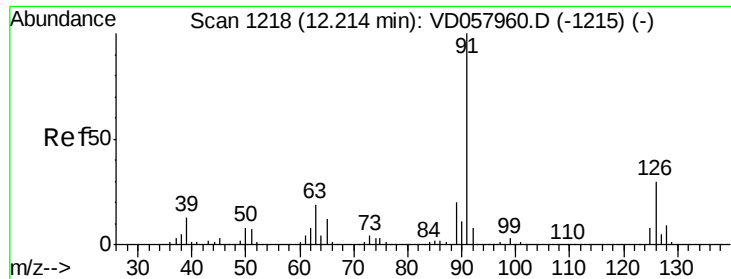
#78  
n-propylbenzene  
Concen: 50.193 ug/l  
RT: 12.15 min Scan# 1211  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion: 91 Resp: 2182440  
Ion Ratio Lower Upper  
91 100  
120 18.4 9.8 29.4



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 120.05 (119.75 to 120.75): V

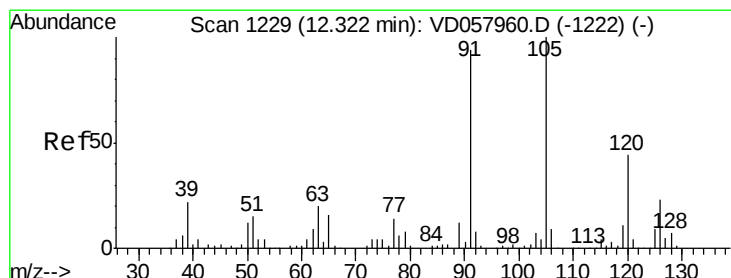
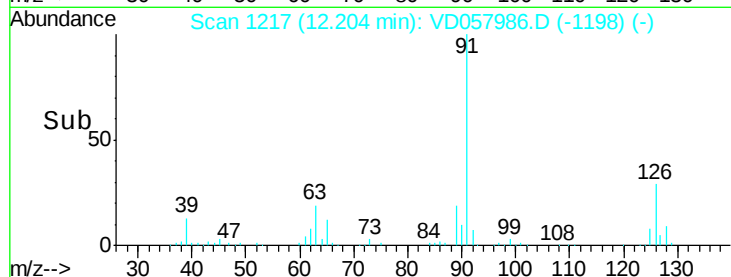
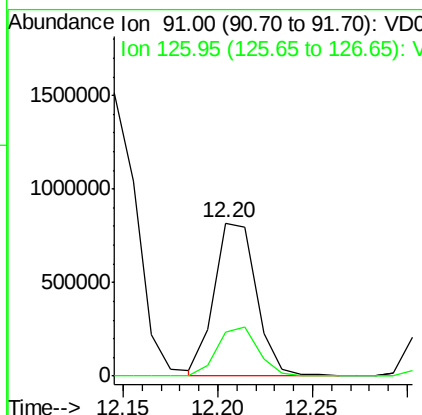
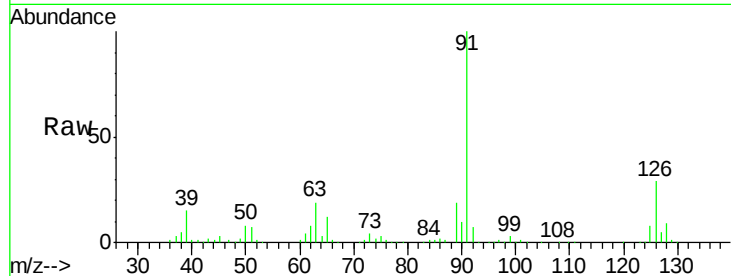




#79  
 2-Chlorotoluene  
 Concen: 50.646 ug/l  
 RT: 12.20 min Scan# 1217  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

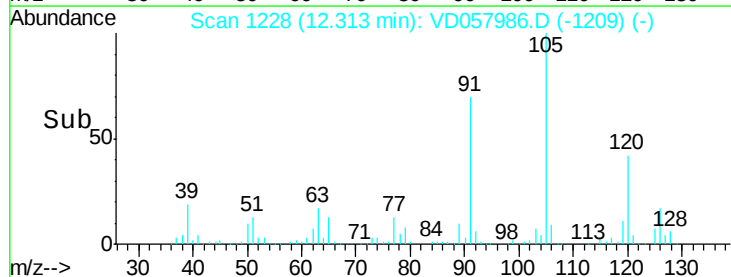
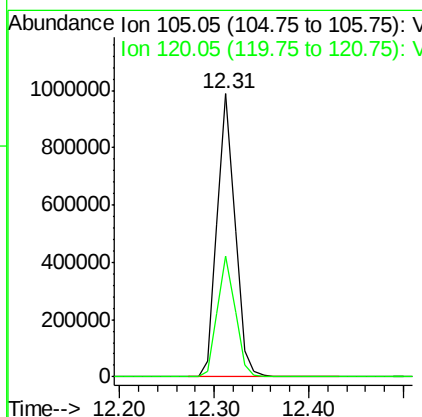
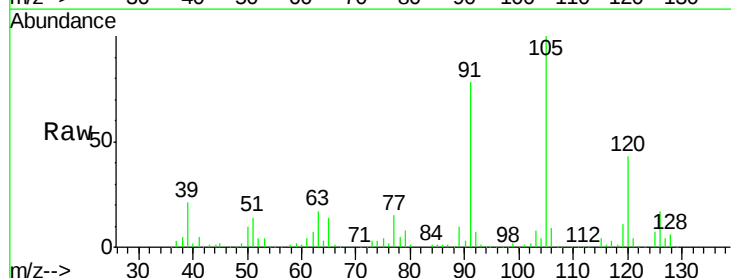
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

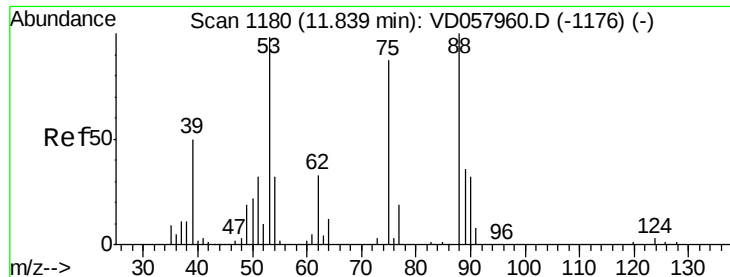
Tgt Ion: 91 Resp: 1256275  
 Ion Ratio Lower Upper  
 91 100  
 126 28.9 14.6 44.0



#80  
 1,3,5-Trimethylbenzene  
 Concen: 49.928 ug/l  
 RT: 12.31 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

Tgt Ion: 105 Resp: 1301064  
 Ion Ratio Lower Upper  
 105 100  
 120 42.5 22.0 66.0





#81

trans-1,4-Dichloro-2-butene

Concen: 54.343 ug/l

RT: 11.84 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

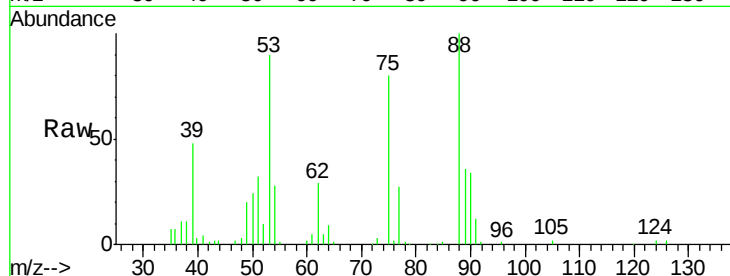
Tgt Ion: 75 Resp: 102000

Ion Ratio Lower Upper

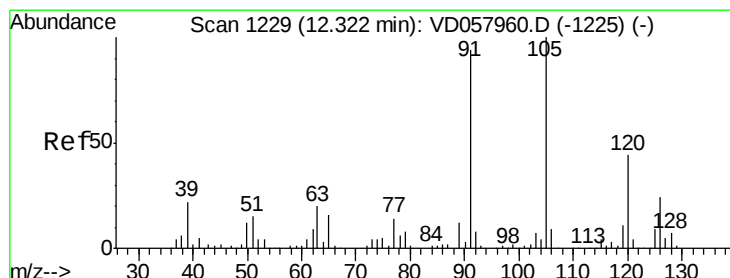
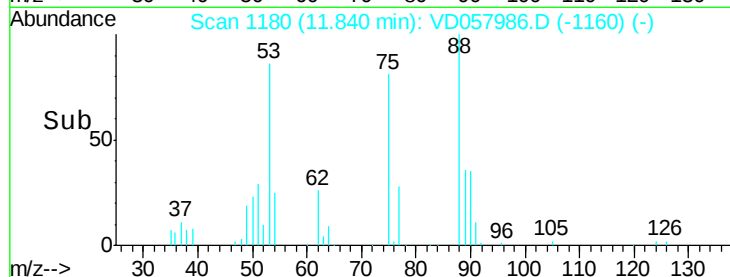
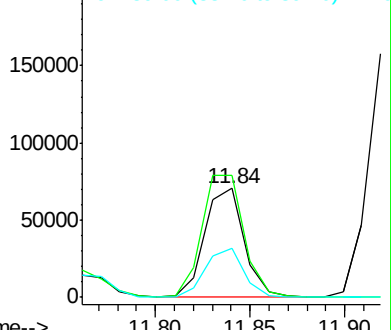
75 100

53 112.3 89.3 133.9

89 44.9 33.3 49.9



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: 55.841 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VD057986.D

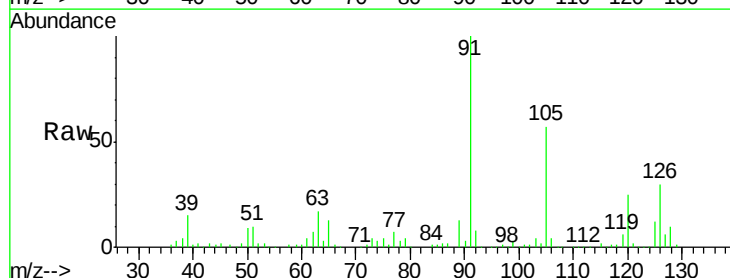
Acq: 7 Jun 2018 21:59

Tgt Ion: 91 Resp: 1338118

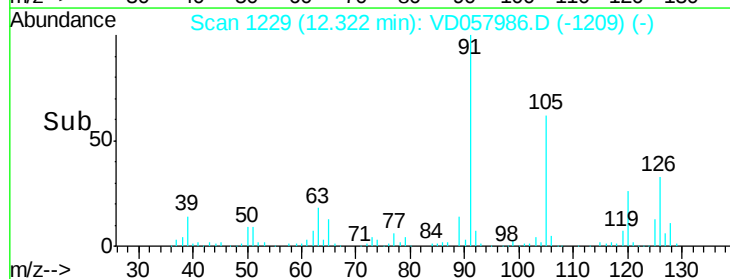
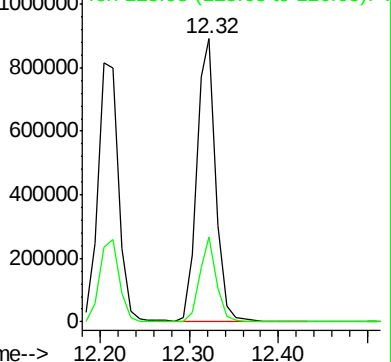
Ion Ratio Lower Upper

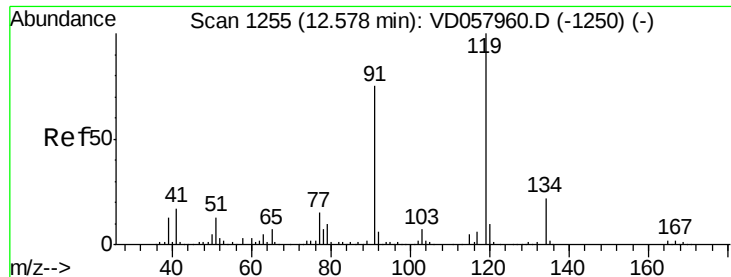
91 100

126 29.9 12.5 37.5



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





#83

tert-Butylbenzene

Concen: 51.166 ug/l

RT: 12.57 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD057986.D

Acq: 7 Jun 2018 21:59

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

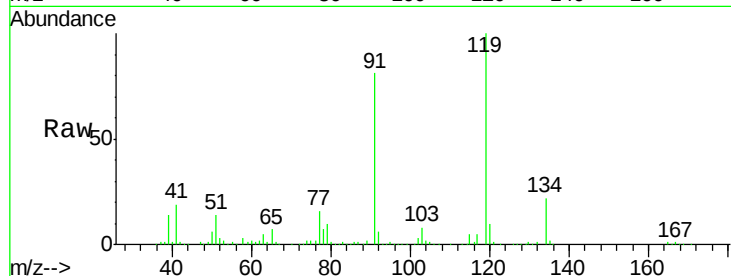
Tgt Ion:119 Resp: 1505533

Ion Ratio Lower Upper

119 100

91 80.9 37.6 112.9

134 22.0 11.2 33.5



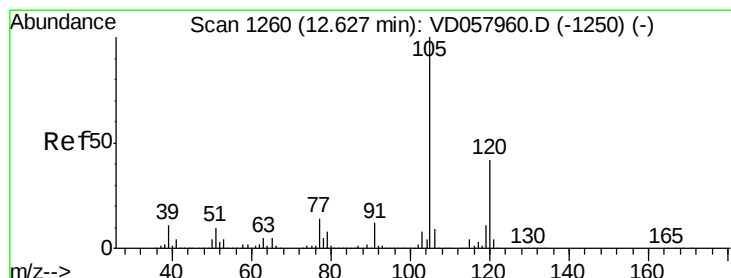
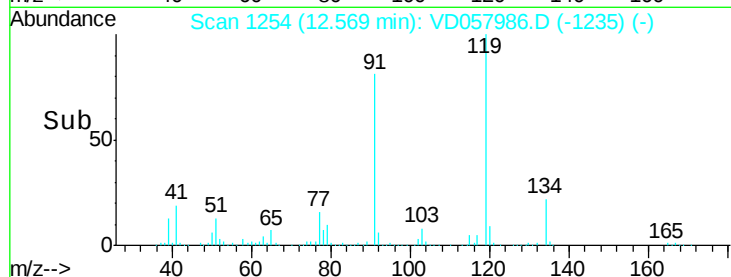
Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

Time-->

12.57



#84

1,2,4-Trimethylbenzene

Concen: 49.462 ug/l

RT: 12.62 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VD057986.D

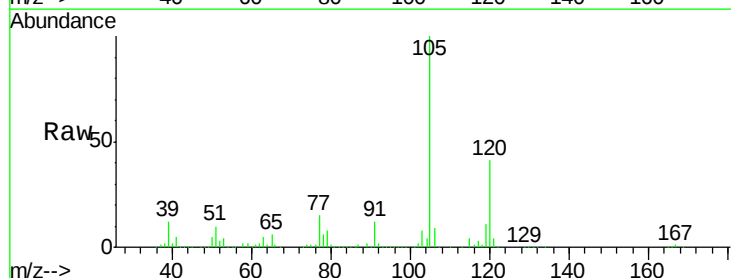
Acq: 7 Jun 2018 21:59

Tgt Ion:105 Resp: 1385871

Ion Ratio Lower Upper

105 100

120 41.1 21.2 63.6

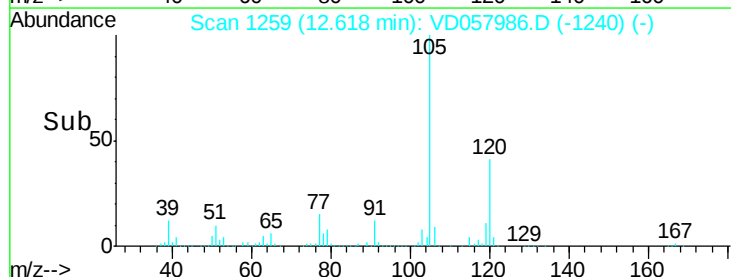


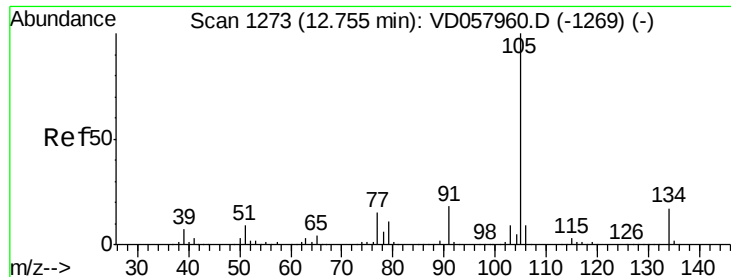
Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

Time-->

12.62

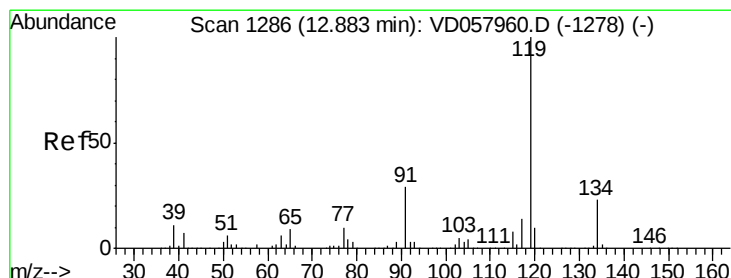
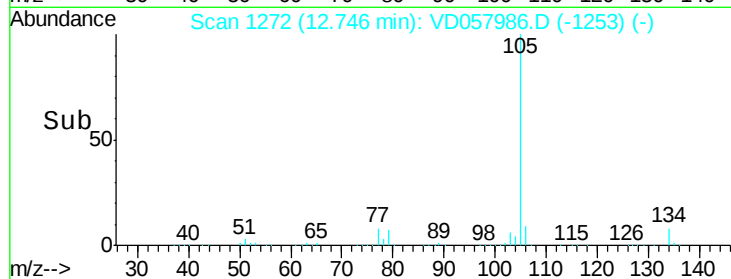
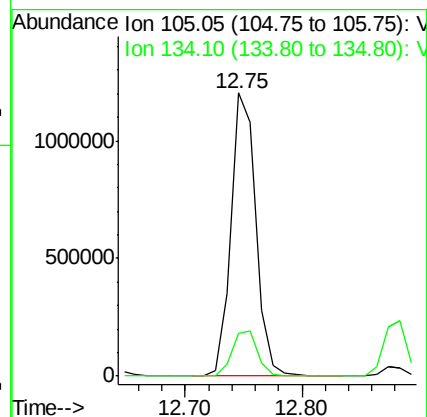
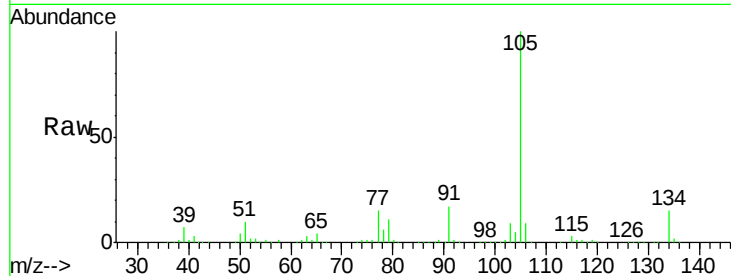




#85  
 sec-Butylbenzene  
 Concen: 49.995 ug/l  
 RT: 12.75 min Scan# 1272  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

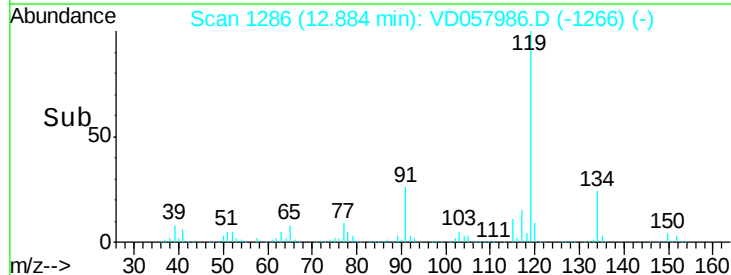
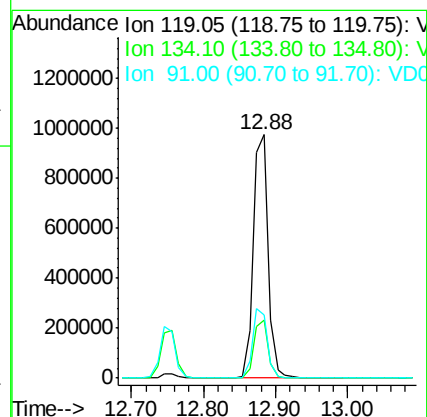
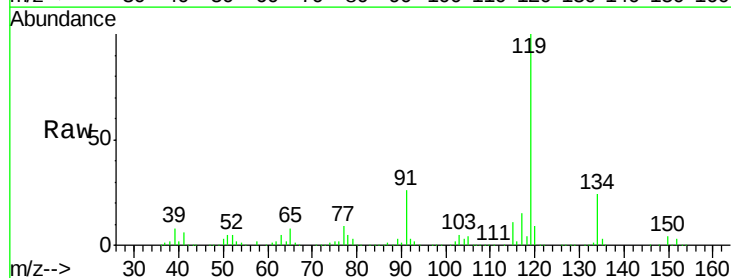
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:105 Resp: 1775365  
 Ion Ratio Lower Upper  
 105 100  
 134 15.3 8.3 25.1



#86  
 p-Isopropyltoluene  
 Concen: 49.315 ug/l  
 RT: 12.88 min Scan# 1286  
 Delta R.T. 0.00 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

Tgt Ion:119 Resp: 1411444  
 Ion Ratio Lower Upper  
 119 100  
 134 24.0 11.5 34.4  
 91 25.8 14.5 43.6

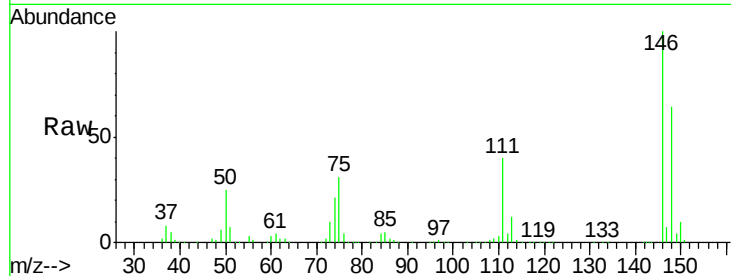




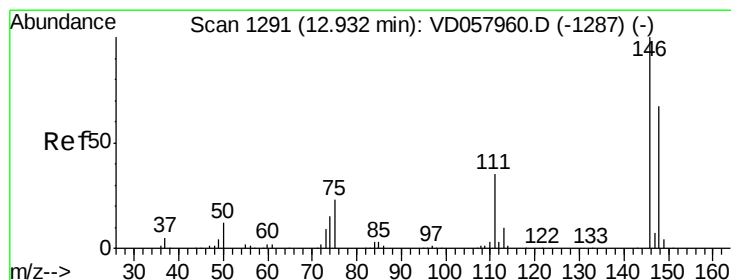
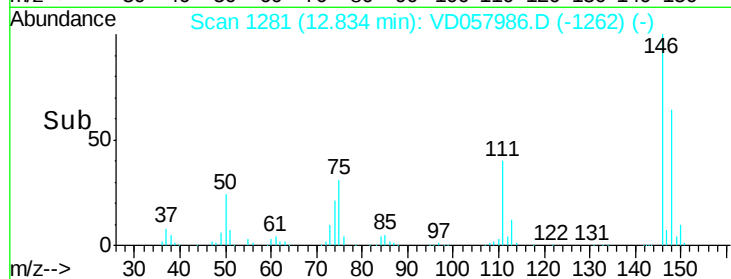
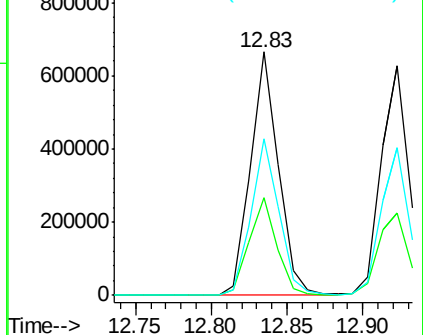
#87  
 1,3-Dichlorobenzene  
 Concen: 51.257 ug/l  
 RT: 12.83 min Scan# 1281  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:146 Resp: 857581  
 Ion Ratio Lower Upper  
 146 100  
 111 39.9 19.1 57.3  
 148 64.3 32.0 96.2

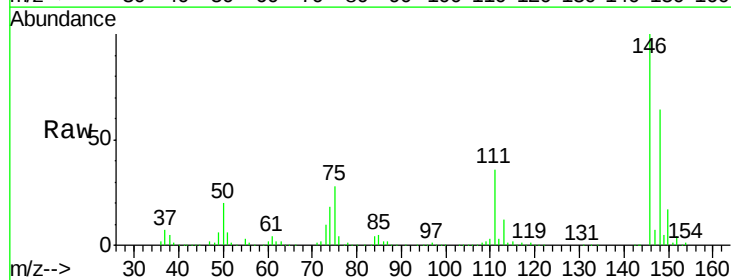


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

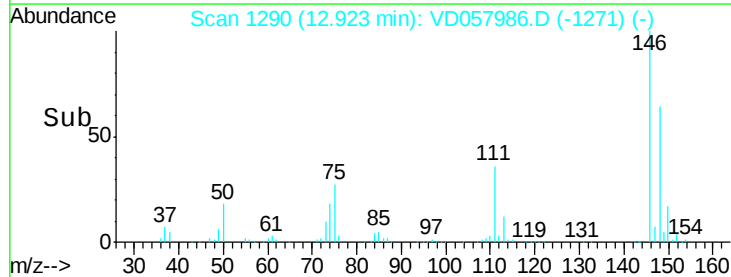
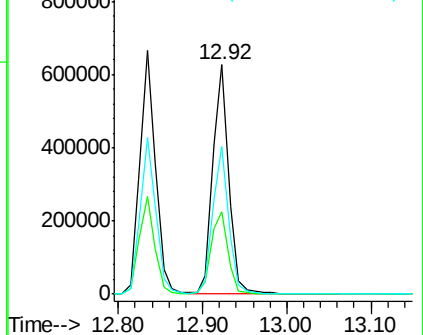


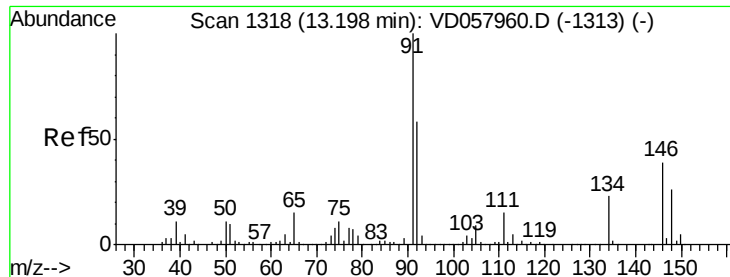
#88  
 1,4-Dichlorobenzene  
 Concen: 50.704 ug/l  
 RT: 12.92 min Scan# 1290  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

Tgt Ion:146 Resp: 826562  
 Ion Ratio Lower Upper  
 146 100  
 111 35.9 17.3 52.0  
 148 64.3 33.4 100.2



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

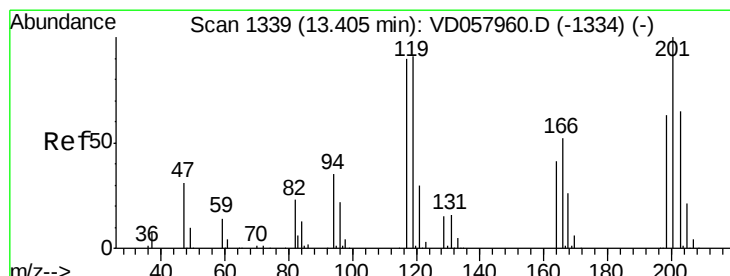
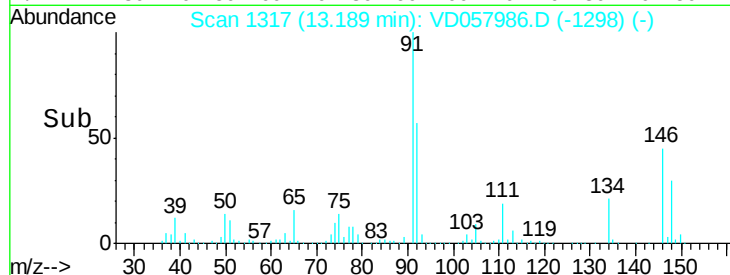
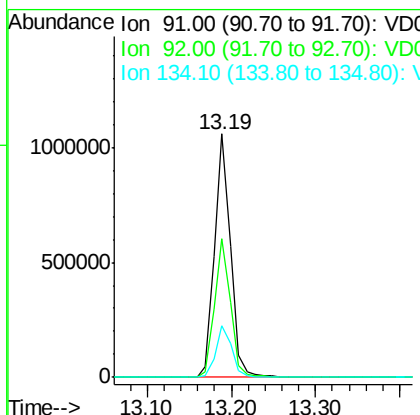
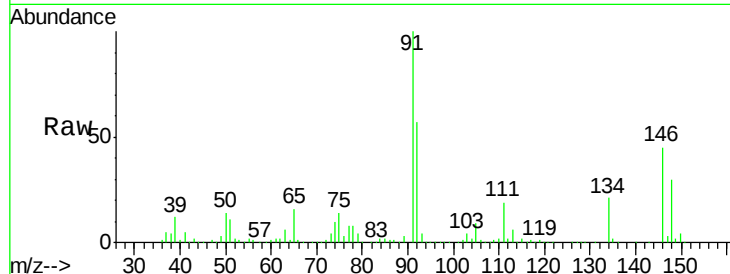




#89  
n-Butylbenzene  
Concen: 54.113 ug/l  
RT: 13.19 min Scan# 1317  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

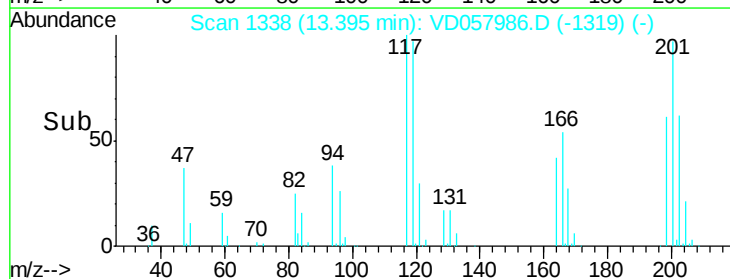
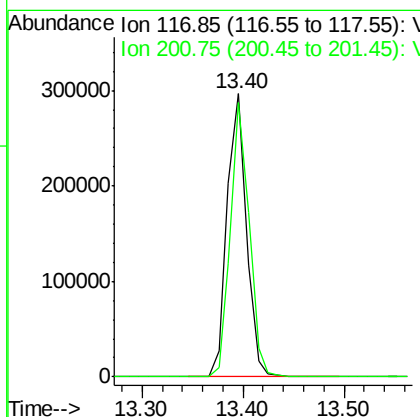
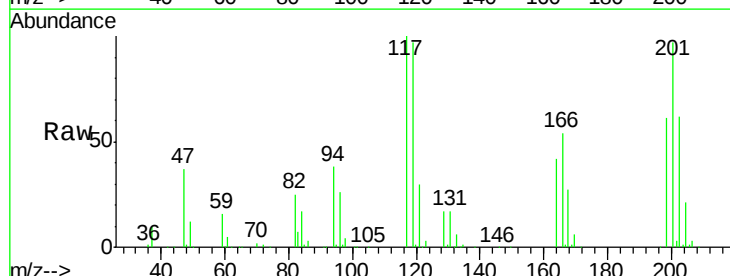
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

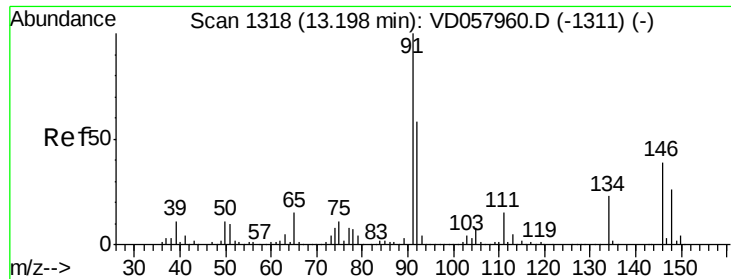
Tgt Ion: 91 Resp: 1385842  
Ion Ratio Lower Upper  
91 100  
92 56.9 29.2 87.6  
134 21.4 11.3 33.9



#90  
Hexachloroethane  
Concen: 54.103 ug/l  
RT: 13.40 min Scan# 1338  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion: 117 Resp: 395225  
Ion Ratio Lower Upper  
117 100  
201 97.1 55.4 166.0

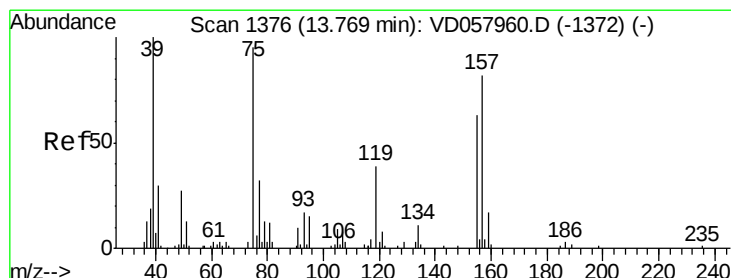
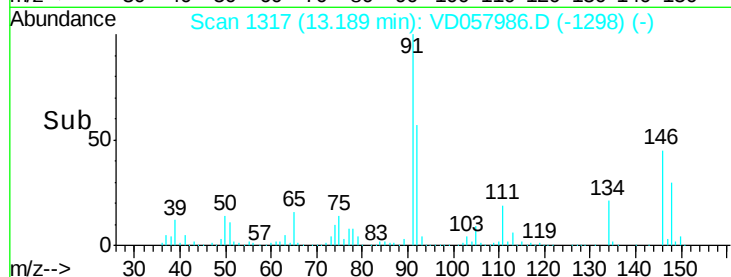
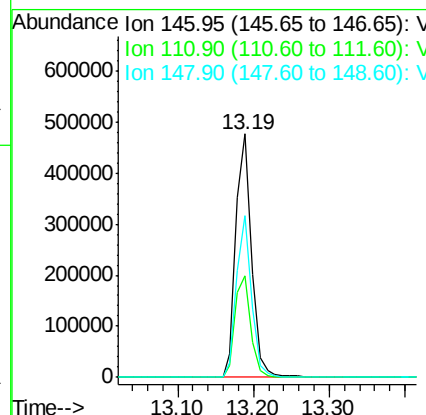
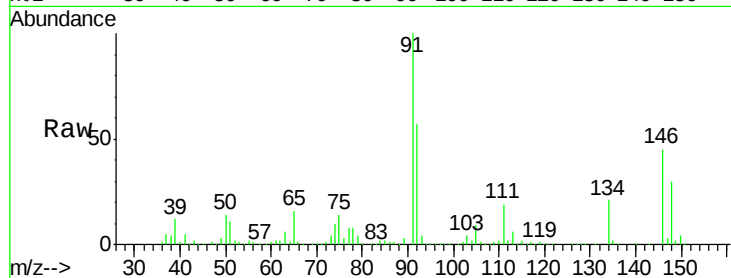




#91  
 1,2-Dichlorobenzene  
 Concen: 49.848 ug/l  
 RT: 13.19 min Scan# 1317  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

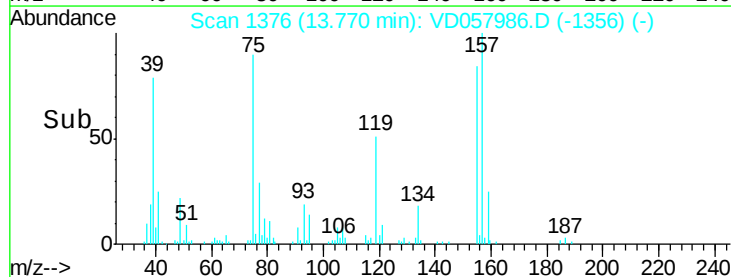
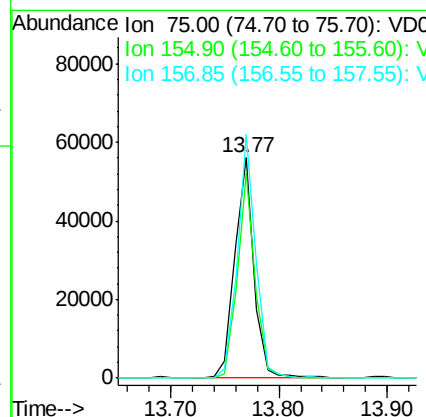
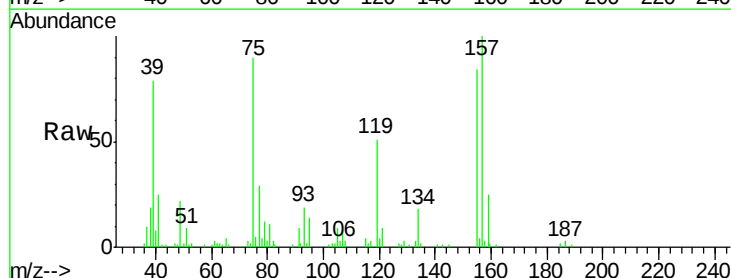
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

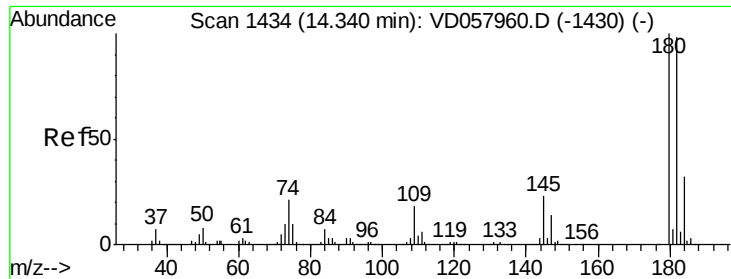
Tgt Ion:146 Resp: 673993  
 Ion Ratio Lower Upper  
 146 100  
 111 41.7 19.4 58.2  
 148 66.4 32.6 98.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 61.351 ug/l  
 RT: 13.77 min Scan# 1376  
 Delta R.T. 0.00 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

Tgt Ion: 75 Resp: 68981  
 Ion Ratio Lower Upper  
 75 100  
 155 93.0 33.4 100.1  
 157 110.6 42.9 128.5

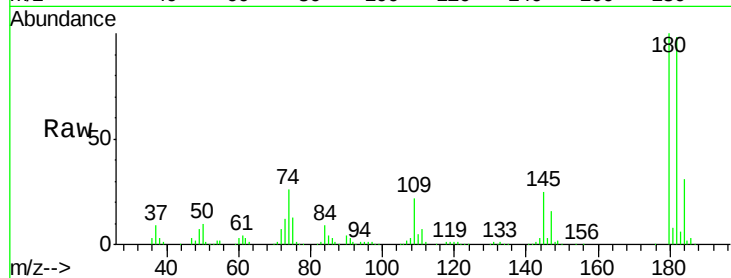




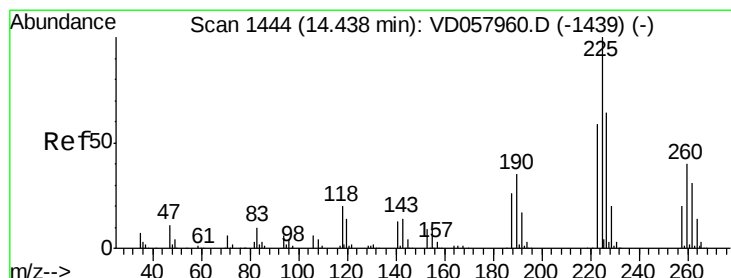
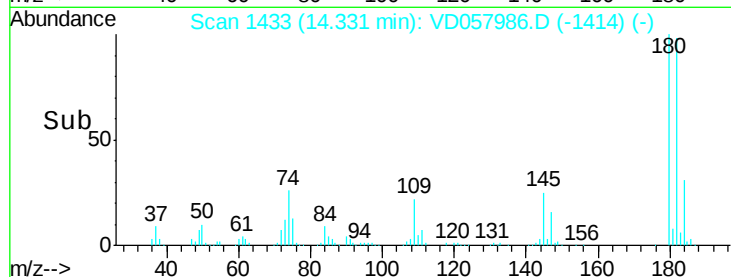
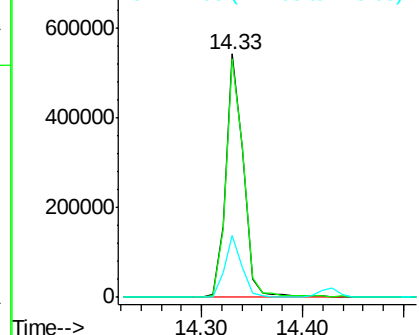
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.422 ug/l  
 RT: 14.33 min Scan# 1433  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:180 Resp: 662201  
 Ion Ratio Lower Upper  
 180 100  
 182 98.0 49.0 147.2  
 145 25.4 11.8 35.3

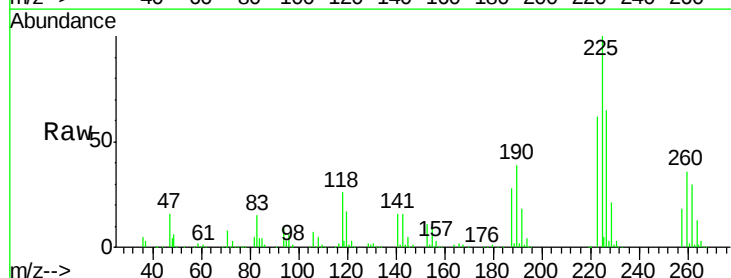


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

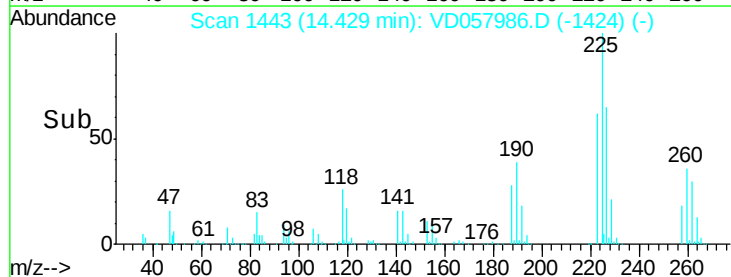
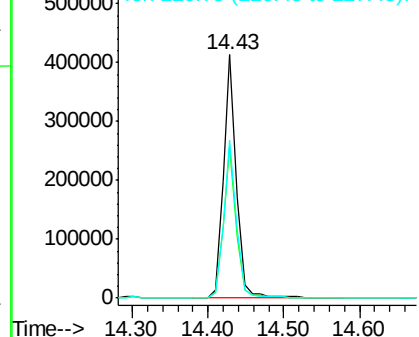


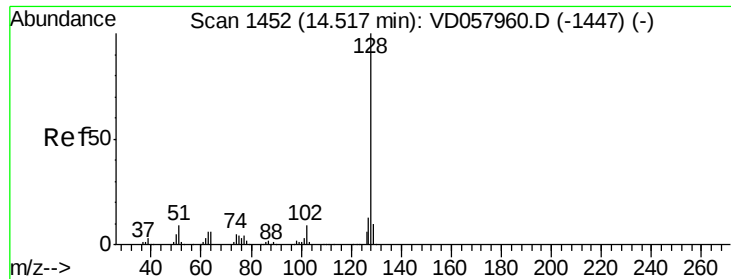
#94  
 Hexachlorobutadiene  
 Concen: 50.732 ug/l  
 RT: 14.43 min Scan# 1443  
 Delta R.T. -0.01 min  
 Lab File: VD057986.D  
 Acq: 7 Jun 2018 21:59

Tgt Ion:225 Resp: 504073  
 Ion Ratio Lower Upper  
 225 100  
 223 62.2 29.5 88.6  
 227 64.8 32.0 96.0



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

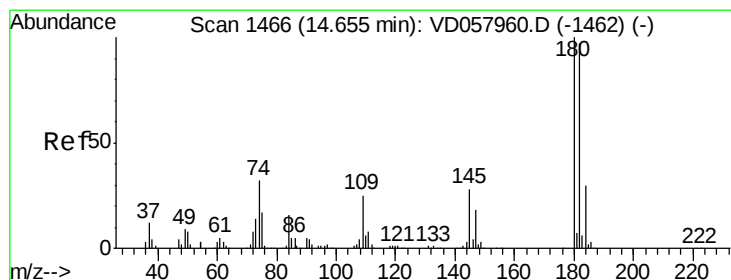
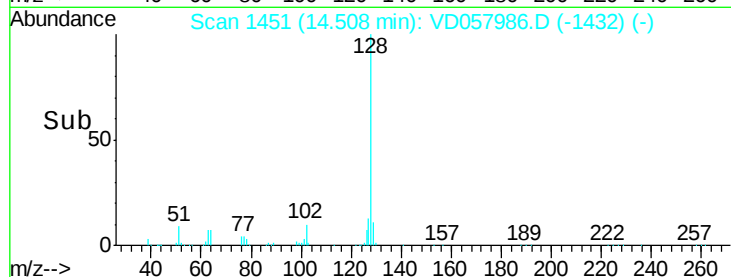
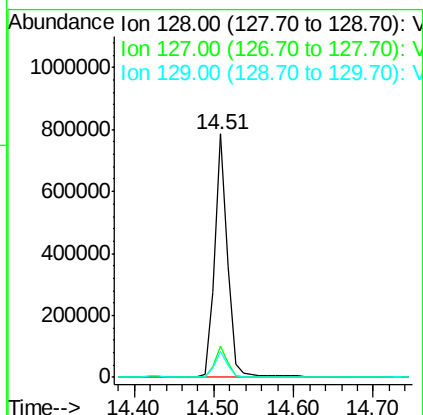
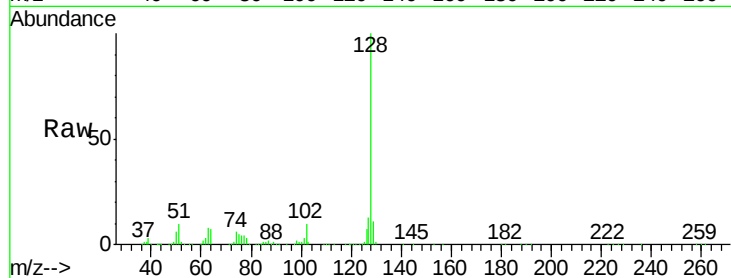




#95  
Naphthalene  
Concen: 55.532 ug/l  
RT: 14.51 min Scan# 1451  
Delta R.T. -0.01 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 904444  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.2  
129 10.7 8.2 12.2



#96  
1,2,3-Trichlorobenzene  
Concen: 53.551 ug/l  
RT: 14.66 min Scan# 1466  
Delta R.T. 0.00 min  
Lab File: VD057986.D  
Acq: 7 Jun 2018 21:59

Tgt Ion:180 Resp: 576498  
Ion Ratio Lower Upper  
180 100  
182 92.9 48.5 145.5  
145 24.4 14.2 42.8

