

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD033119\  
 Data File : VD061445.D  
 Acq On : 31 Mar 2019 14:28  
 Operator : VA/AP  
 Sample : VD0331SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0331SBS01

Quant Time: Apr 01 01:53:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 28 09:22:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.07  | 168  | 685131   | 50.00 | ug/l  | 0.05     |
| 34) 1,4-Difluorobenzene    | 8.24  | 114  | 1133579  | 50.00 | ug/l  | 0.05     |
| 63) Chlorobenzene-d5       | 12.39 | 117  | 941526   | 50.00 | ug/l  | 0.03     |
| 72) 1,4-Dichlorobenzene-d4 | 14.53 | 152  | 399142   | 50.00 | ug/l  | 0.02     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 7.49   | 65  | 259269   | 44.30 | ug/l   | 0.05 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 88.60% |      |
| 35) Dibromofluoromethane    | 6.95   | 113 | 406777   | 46.96 | ug/l   | 0.05 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.92% |      |
| 50) Toluene-d8              | 10.44  | 98  | 969087   | 46.64 | ug/l   | 0.05 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.28% |      |
| 62) 4-Bromofluorobenzene    | 13.57  | 95  | 387300   | 48.61 | ug/l   | 0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.22% |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.59 | 85  | 142085  | 19.419  | ug/l   | 96     |
| 3) Chloromethane              | 1.77 | 50  | 116886  | 19.588  | ug/l   | 96     |
| 4) Vinyl Chloride             | 1.86 | 62  | 104451  | 19.064  | ug/l   | 95     |
| 5) Bromomethane               | 2.16 | 94  | 18467   | 16.997  | ug/l # | 90     |
| 6) Chloroethane               | 2.27 | 64  | 27526   | 17.131  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 2.54 | 101 | 140673  | 17.656  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.90 | 74  | 50057   | 19.514  | ug/l   | 90     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.16 | 101 | 163811  | 19.124  | ug/l   | 96     |
| 10) Methyl Iodide             | 3.33 | 142 | 198399  | 17.646  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.09 | 59  | 36441   | 99.979  | ug/l # | 93     |
| 12) 1,1-Dichloroethene        | 3.14 | 96  | 145140  | 19.736  | ug/l   | 95     |
| 13) Acrolein                  | 3.06 | 56  | 29023   | 89.829  | ug/l   | 86     |
| 14) Allyl chloride            | 3.65 | 41  | 197743  | 19.279  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.22 | 53  | 123869  | 97.916  | ug/l   | 96     |
| 16) Acetone                   | 3.24 | 43  | 137924  | 91.673  | ug/l   | 98     |
| 17) Carbon Disulfide          | 3.39 | 76  | 447143  | 18.714  | ug/l   | 98     |
| 18) Methyl Acetate            | 3.66 | 43  | 67076   | 21.204  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 4.27 | 73  | 258639  | 20.318  | ug/l   | 96     |
| 20) Methylene Chloride        | 3.84 | 84  | 163775  | 18.211  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 4.25 | 96  | 155227  | 19.551  | ug/l   | 98     |
| 22) Diisopropyl ether         | 5.15 | 45  | 455261  | 20.974  | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.08 | 43  | 1184418 | 100.457 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 5.01 | 63  | 250633  | 19.648  | ug/l   | 99     |
| 25) 2-Butanone                | 6.10 | 43  | 183937  | 97.190  | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.06 | 77  | 214946  | 21.197  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.07 | 96  | 177646  | 20.422  | ug/l   | 98     |
| 28) Bromochloromethane        | 6.46 | 49  | 97886   | 19.010  | ug/l # | 89     |
| 29) Tetrahydrofuran           | 6.48 | 42  | 91557   | 99.810  | ug/l   | 98     |
| 30) Chloroform                | 6.70 | 83  | 267351  | 20.284  | ug/l   | 99     |
| 31) Cyclohexane               | 6.99 | 56  | 186421  | 18.494  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 6.90 | 97  | 231825  | 19.936  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 7.18 | 75  | 198686  | 20.082  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.22 | 43  | 87964   | 20.789  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 7.14 | 117 | 220444  | 19.390  | ug/l   | 100    |

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 Sample : VD0331SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0331SBS01

Quant Time: Apr 01 01:53:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 28 09:22:37 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.89  | 83   | 216851   | 21.045  | ug/l   | 97       |
| 40) Benzene                    | 7.49  | 78   | 488295   | 19.665  | ug/l   | 97       |
| 41) Methacrylonitrile          | 6.47  | 41   | 103515   | 20.923  | ug/l # | 96       |
| 42) 1,2-Dichloroethane         | 7.60  | 62   | 150990   | 20.329  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 9.27  | 43   | 124978   | 20.301  | ug/l   | 100      |
| 44) Trichloroethene            | 8.57  | 130  | 180958   | 19.583  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 8.97  | 63   | 121951   | 19.369  | ug/l   | 96       |
| 46) Dibromomethane             | 9.09  | 93   | 91062    | 21.488  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.40  | 83   | 190119   | 19.988  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.15  | 41   | 68132    | 20.053  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.11  | 88   | 17791    | 474.735 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.33 | 43   | 397012   | 105.997 | ug/l   | 100      |
| 52) Toluene                    | 10.54 | 92   | 316165   | 20.871  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.94 | 75   | 177689   | 20.562  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.06 | 75   | 199195   | 18.930  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 11.22 | 97   | 112565   | 21.248  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 11.07 | 69   | 124353   | 21.850  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 11.43 | 76   | 159561   | 20.492  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.89  | 63   | 293212   | 105.793 | ug/l   | 99       |
| 59) 2-Hexanone                 | 11.55 | 43   | 284515   | 104.843 | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.71 | 129  | 160421   | 19.643  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.83 | 107  | 122164   | 19.914  | ug/l   | 97       |
| 64) Tetrachloroethene          | 11.29 | 164  | 144433   | 19.546  | ug/l   | 96       |
| 65) Chlorobenzene              | 12.42 | 112  | 386468   | 20.085  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.54 | 131  | 152176   | 20.426  | ug/l   | 99       |
| 67) Ethyl Benzene              | 12.55 | 91   | 612517   | 20.855  | ug/l   | 100      |
| 68) m/p-Xylenes                | 12.69 | 106  | 443871   | 39.897  | ug/l   | 98       |
| 69) o-Xylene                   | 13.07 | 106  | 223852   | 20.734  | ug/l   | 98       |
| 70) Styrene                    | 13.10 | 104  | 380350   | 20.210  | ug/l   | 99       |
| 71) Bromoform                  | 13.25 | 173  | 97102    | 20.561  | ug/l   | 98       |
| 73) Isopropylbenzene           | 13.42 | 105  | 619705   | 22.308  | ug/l   | 99       |
| 74) N-amyl acetate             | 13.28 | 43   | 165490   | 21.385  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.72 | 83   | 126948   | 21.663  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 13.75 | 75   | 129058   | 22.384  | ug/l   | 99       |
| 77) Bromobenzene               | 13.69 | 156  | 173072   | 21.015  | ug/l   | 91       |
| 78) n-propylbenzene            | 13.79 | 91   | 750981   | 22.090  | ug/l   | 94       |
| 79) 2-Chlorotoluene            | 13.85 | 91   | 399646   | 21.650  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 13.95 | 105  | 479489   | 22.246  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 13.49 | 75   | 32942    | 18.739  | ug/l # | 88       |
| 82) 4-Chlorotoluene            | 13.96 | 91   | 433502   | 21.598  | ug/l   | 93       |
| 83) tert-Butylbenzene          | 14.21 | 119  | 580740   | 21.559  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene     | 14.26 | 105  | 481306   | 20.626  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 14.39 | 105  | 595255   | 20.802  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 14.50 | 119  | 500339   | 20.677  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 14.47 | 146  | 309689   | 22.206  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene        | 14.55 | 146  | 275208   | 20.236  | ug/l   | 96       |
| 89) n-Butylbenzene             | 14.82 | 91   | 478532   | 21.546  | ug/l   | 96       |
| 90) Hexachloroethane           | 15.03 | 117  | 144115   | 21.082  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene        | 14.83 | 146  | 262554   | 22.952  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.40 | 75   | 15571    | 22.655  | ug/l # | 52       |

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Data File : VD061445.D  
Acq On : 31 Mar 2019 14:28  
Operator : VA/AP  
Sample : VD0331SBS01  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

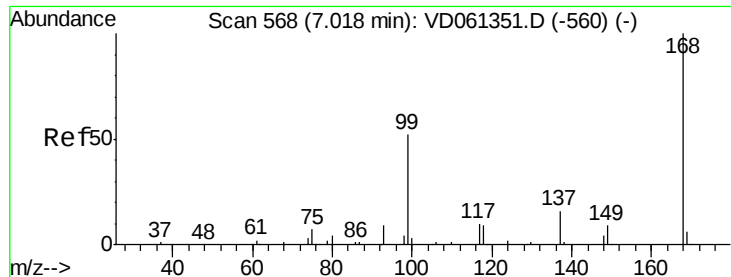
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

Quant Time: Apr 01 01:53:13 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 28 09:22:37 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.96 | 180  | 131099   | 25.158 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 16.05 | 225  | 88541    | 21.744 | ug/l  | 96       |
| 95) Naphthalene            | 16.14 | 128  | 215653   | 27.150 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.29 | 180  | 77708    | 33.888 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

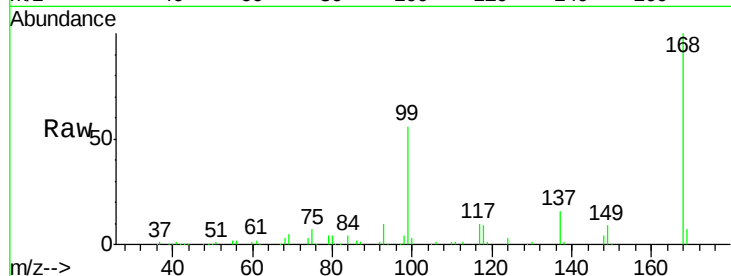
VD0331SBS01

Tgt Ion:168 Resp: 685131

Ion Ratio Lower Upper

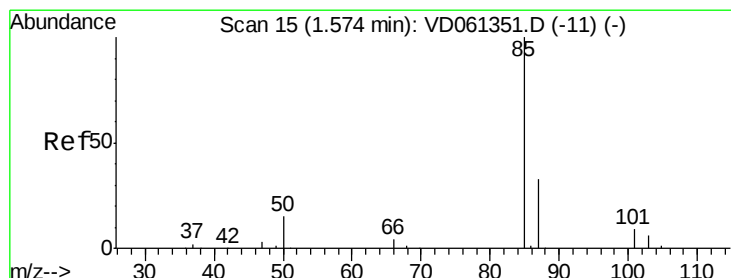
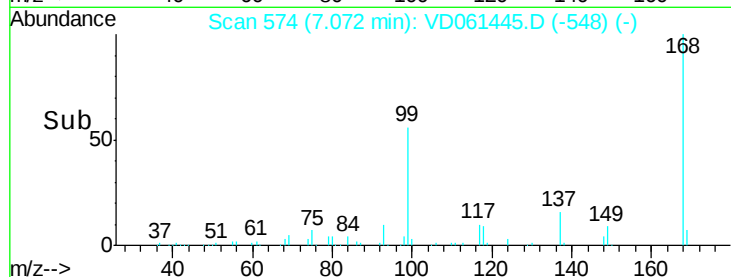
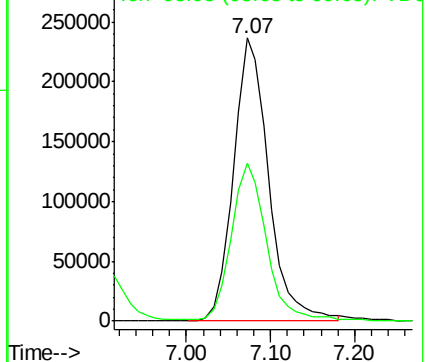
168 100

99 55.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 19.419 ug/l

RT: 1.59 min Scan# 17

Delta R.T. 0.01 min

Lab File: VD061445.D

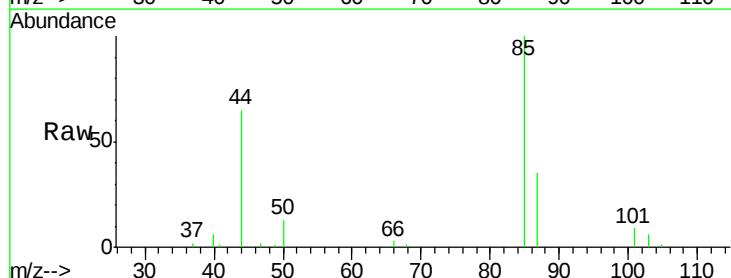
Acq: 31 Mar 2019 14:28

Tgt Ion: 85 Resp: 142085

Ion Ratio Lower Upper

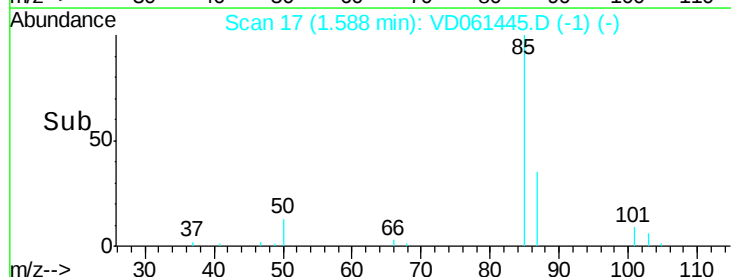
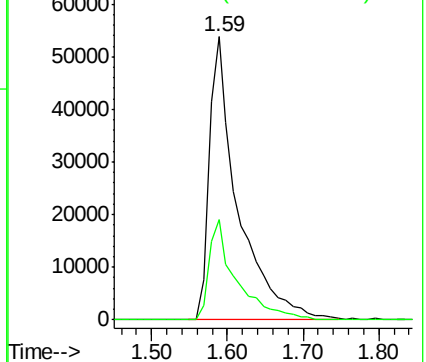
85 100

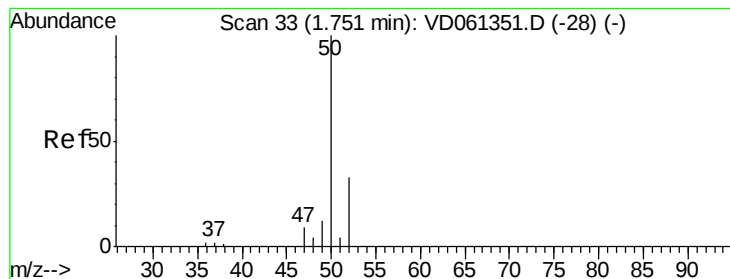
87 35.3 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.588 ug/l

RT: 1.77 min Scan# 35

Delta R.T. 0.01 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

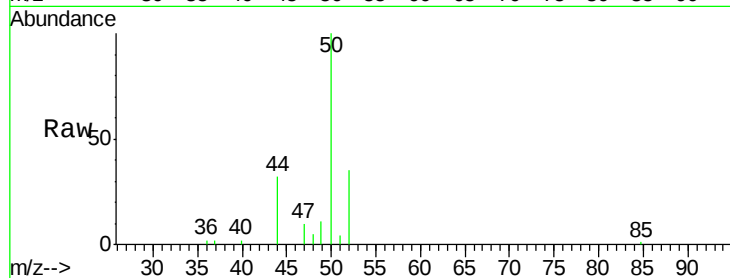
VD0331SBS01

Tgt Ion: 50 Resp: 116886

Ion Ratio Lower Upper

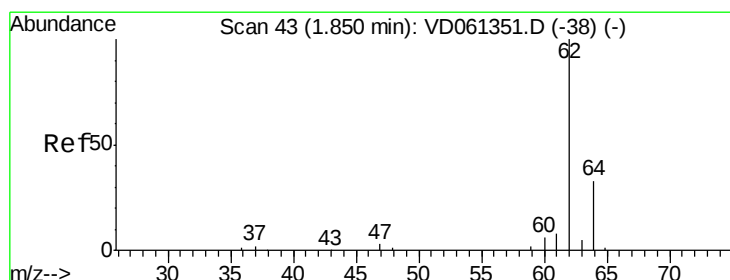
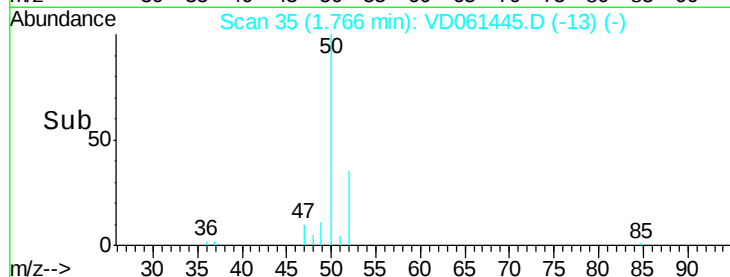
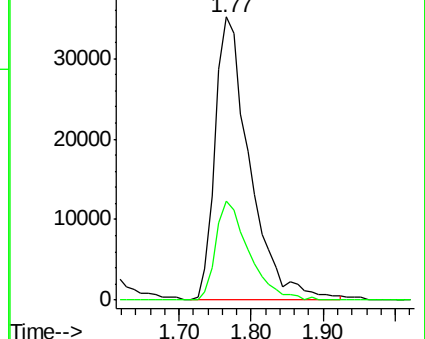
50 100

52 34.9 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.064 ug/l

RT: 1.86 min Scan# 45

Delta R.T. 0.01 min

Lab File: VD061445.D

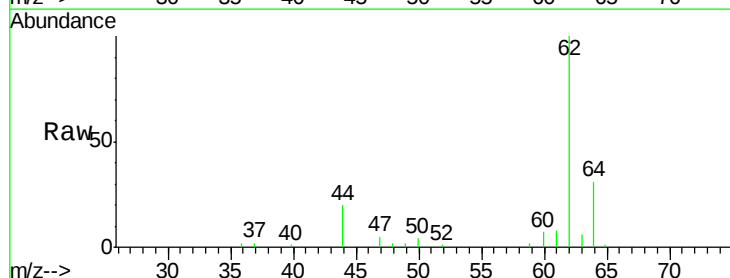
Acq: 31 Mar 2019 14:28

Tgt Ion: 62 Resp: 104451

Ion Ratio Lower Upper

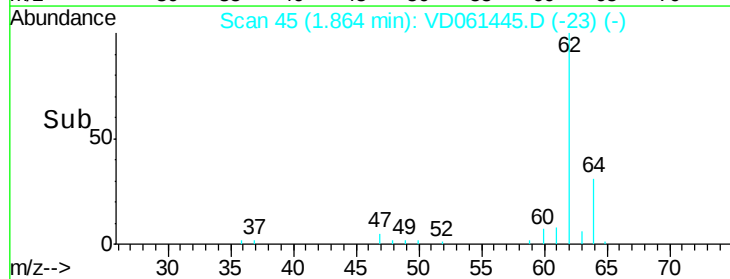
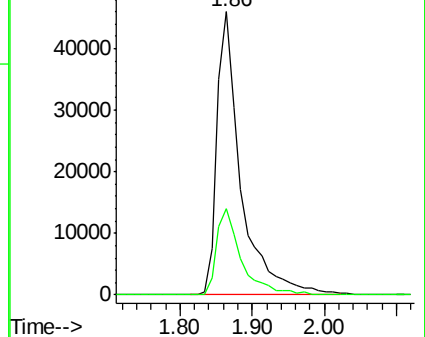
62 100

64 30.6 26.6 39.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 16.997 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.01 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

VD0331SBS01

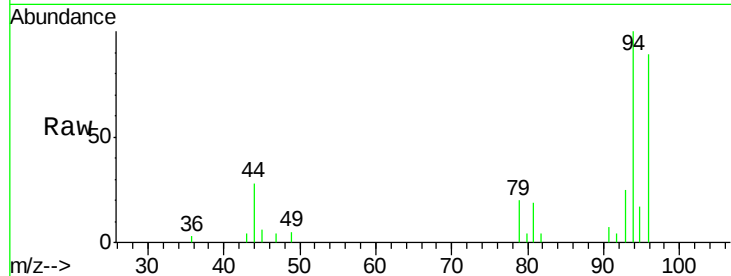
Tgt Ion: 94 Resp: 18467

Ion Ratio Lower Upper

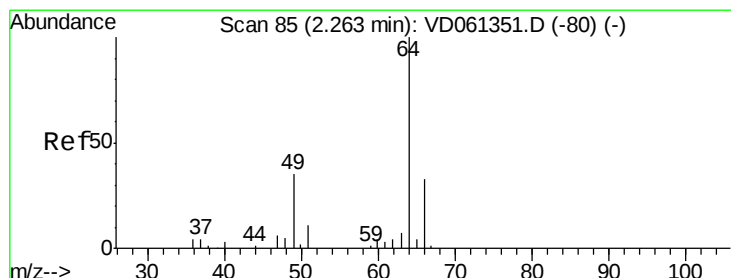
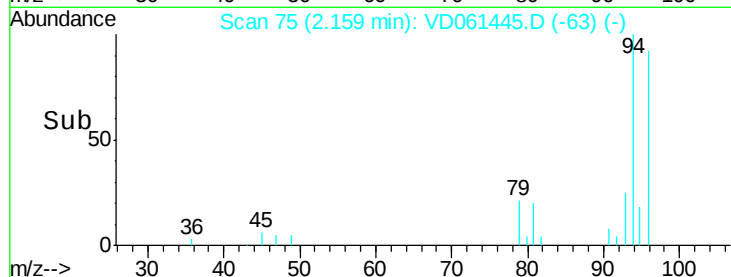
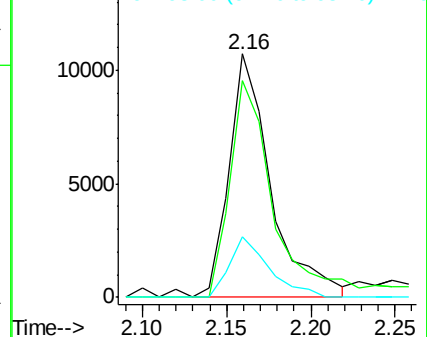
94 100

96 88.8 78.3 117.5

93 24.7 15.6 23.4#



Abundance Ion 94.00 (93.70 to 94.70): VDC  
Ion 96.00 (95.70 to 96.70): VDC  
Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 17.131 ug/l

RT: 2.27 min Scan# 86

Delta R.T. 0.00 min

Lab File: VD061445.D

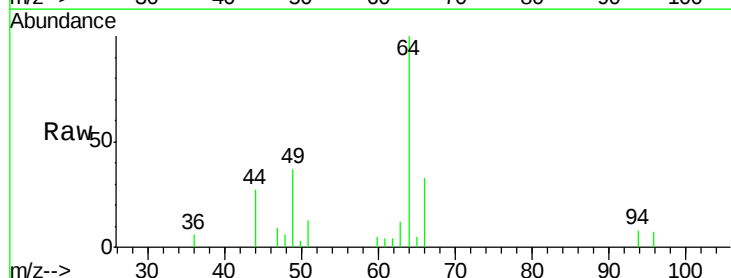
Acq: 31 Mar 2019 14:28

Tgt Ion: 64 Resp: 27526

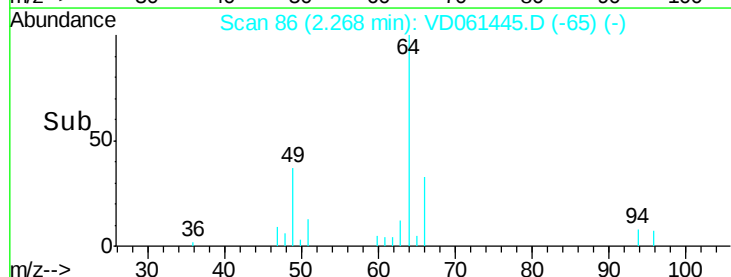
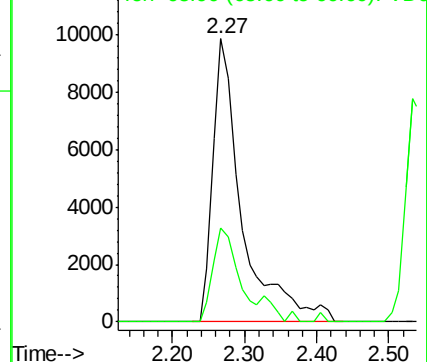
Ion Ratio Lower Upper

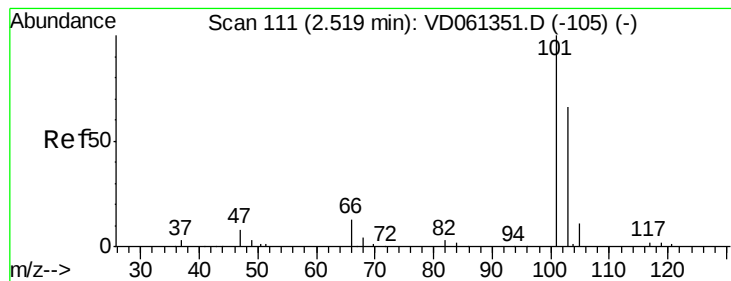
64 100

66 33.2 26.2 39.2



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



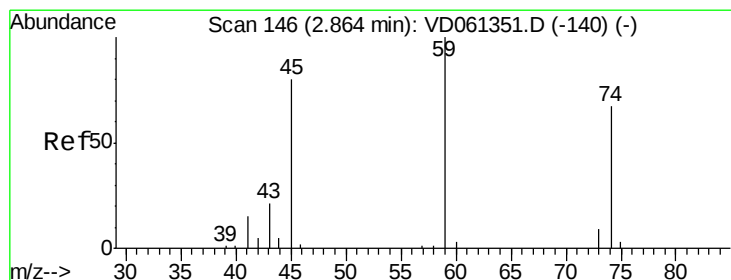
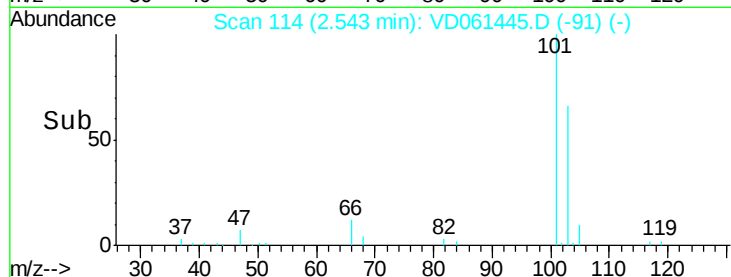
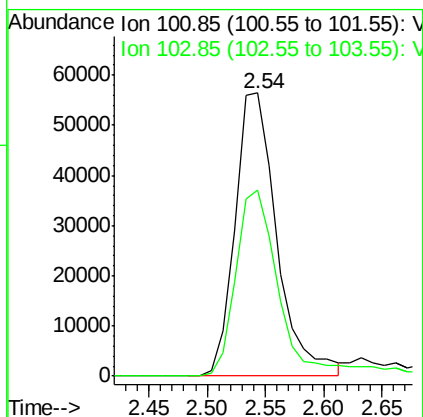
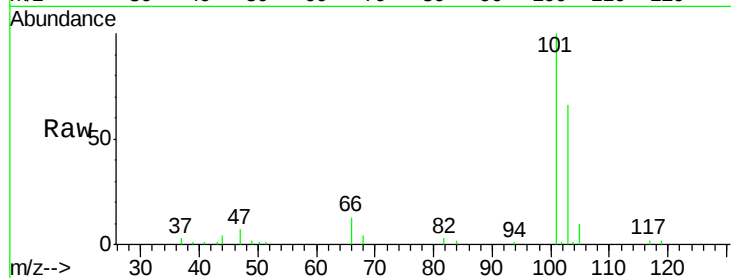


#7

Trichlorofluoromethane  
 Concen: 17.656 ug/l  
 RT: 2.54 min Scan# 114  
 Delta R.T. 0.02 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0331SBS01

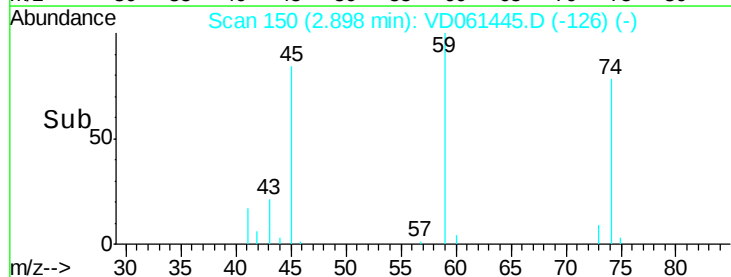
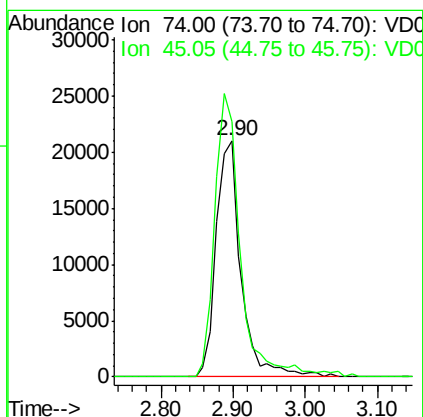
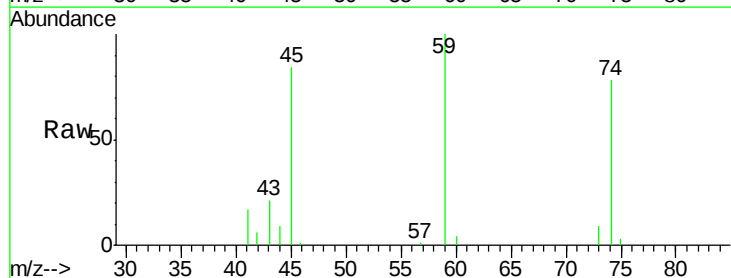
Tgt Ion: 101 Resp: 140673  
 Ion Ratio Lower Upper  
 101 100  
 103 65.9 53.1 79.7



#8

Diethyl Ether  
 Concen: 19.514 ug/l  
 RT: 2.90 min Scan# 150  
 Delta R.T. 0.03 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Tgt Ion: 74 Resp: 50057  
 Ion Ratio Lower Upper  
 74 100  
 45 108.3 59.7 179.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.124 ug/l

RT: 3.16 min Scan# 177

Delta R.T. 0.02 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

VD0331SBS01

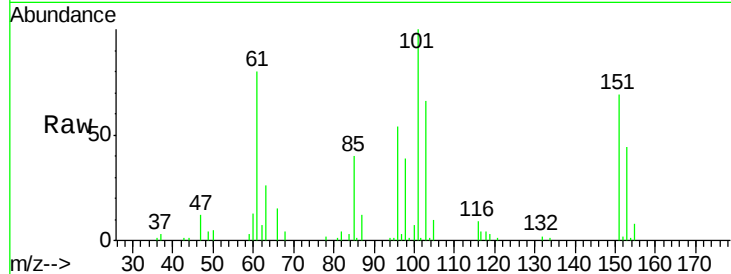
Tgt Ion:101 Resp: 163811

Ion Ratio Lower Upper

101 100

85 40.4 29.4 44.0

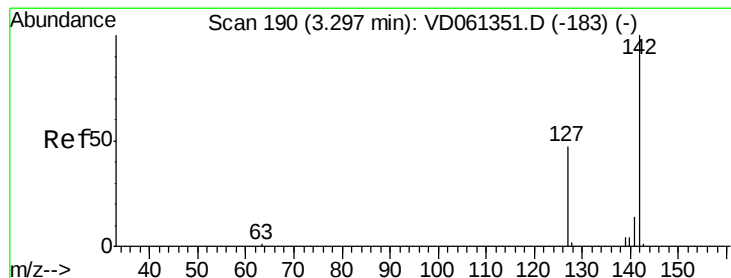
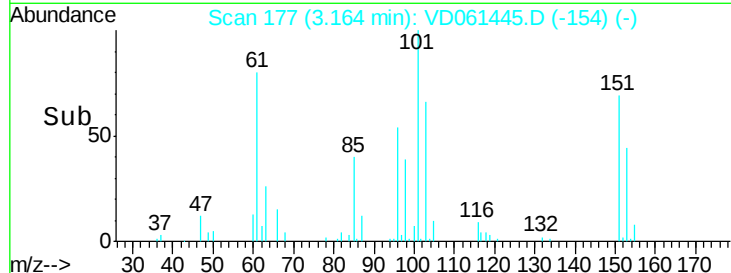
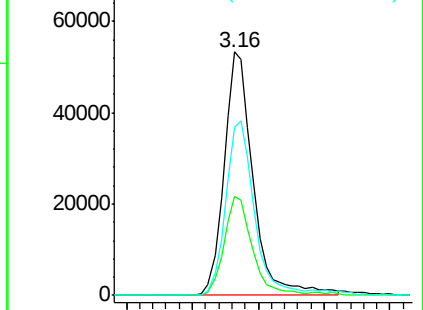
151 68.9 57.0 85.4



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: 17.646 ug/l

RT: 3.33 min Scan# 194

Delta R.T. 0.03 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

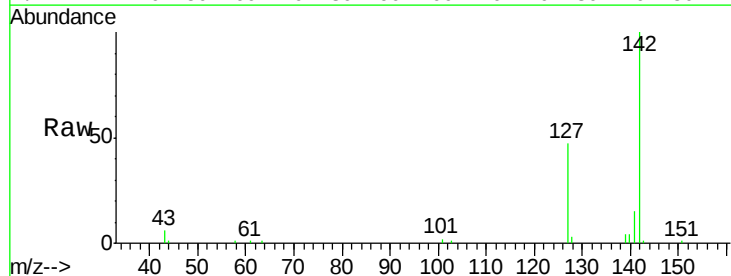
Tgt Ion:142 Resp: 198399

Ion Ratio Lower Upper

142 100

127 47.5 37.7 56.5

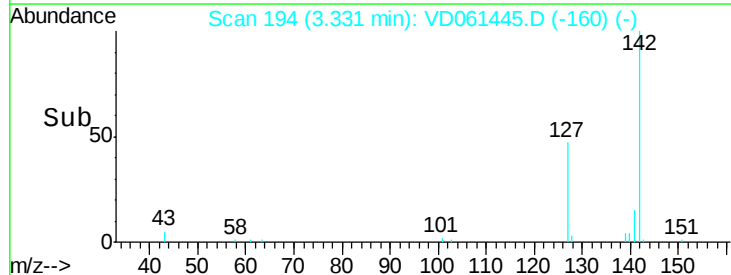
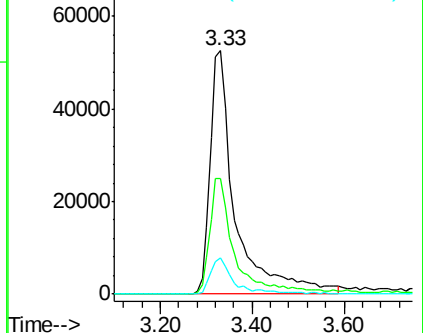
141 14.9 11.5 17.3

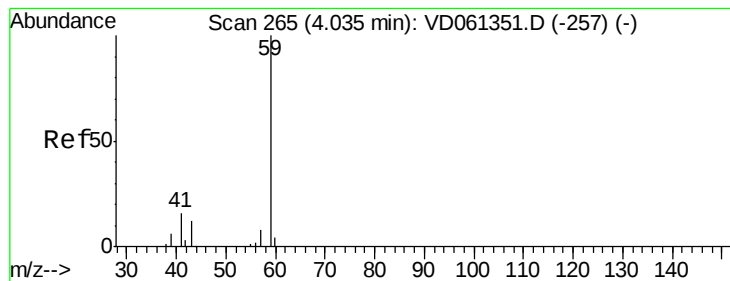


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



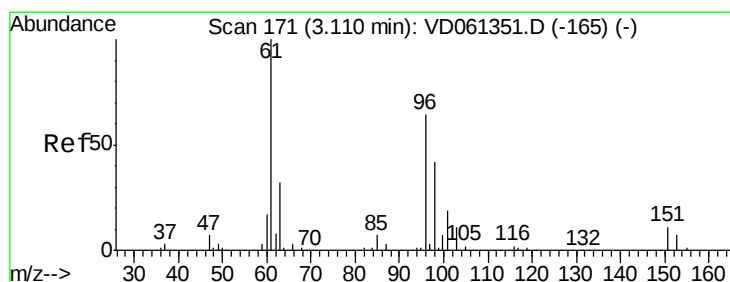
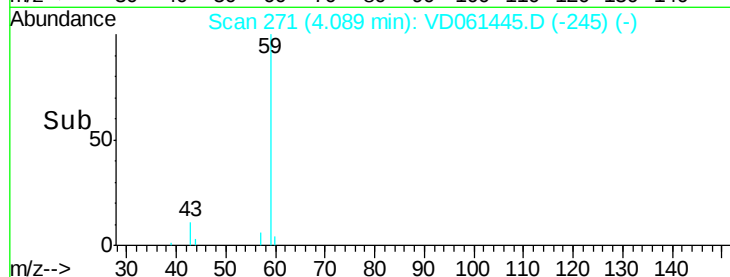
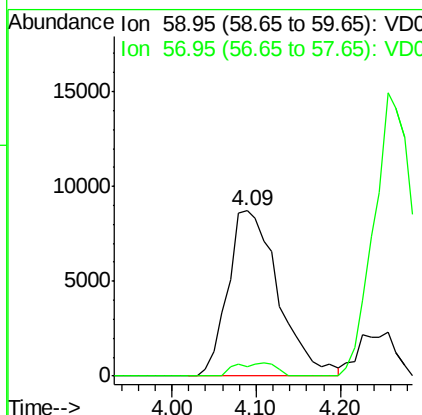
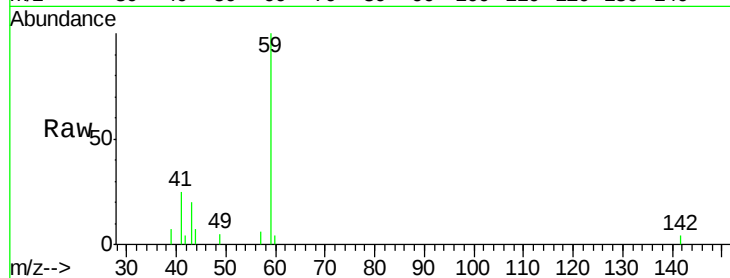


#11

Tert butyl alcohol  
Concen: 99.979 ug/l  
RT: 4.09 min Scan# 271  
Delta R.T. 0.05 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

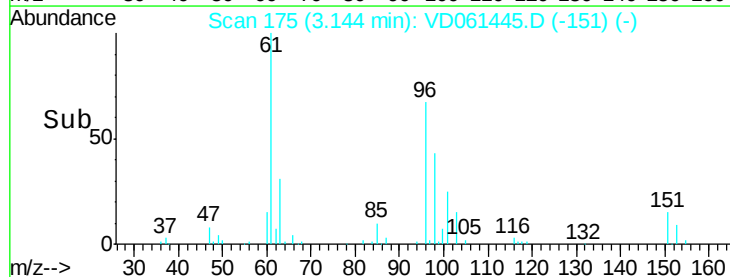
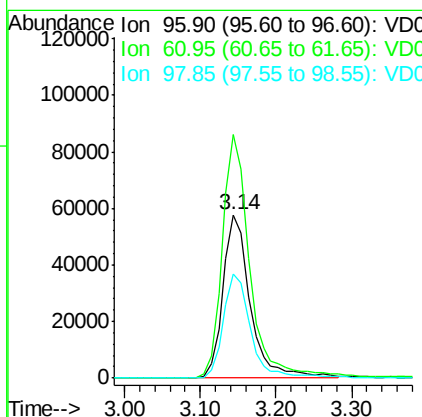
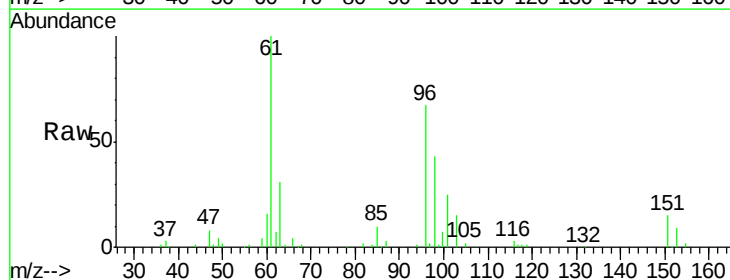
Tgt Ion: 59 Resp: 36441  
Ion Ratio Lower Upper  
59 100  
57 6.1 6.7 10.1#

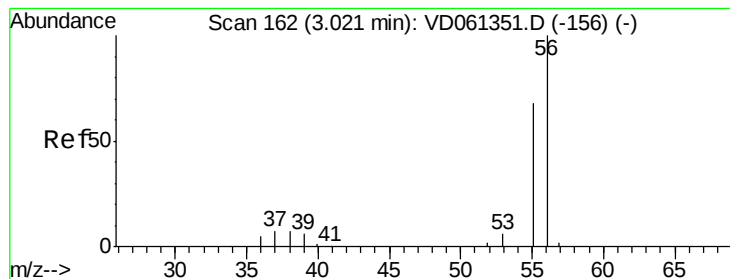


#12

1,1-Dichloroethene  
Concen: 19.736 ug/l  
RT: 3.14 min Scan# 175  
Delta R.T. 0.03 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion: 96 Resp: 145140  
Ion Ratio Lower Upper  
96 100  
61 149.2 124.9 187.3  
98 63.5 52.5 78.7





#13

Acrolein

Concen: 89.829 ug/l

RT: 3.06 min Scan# 166

Delta R.T. 0.03 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

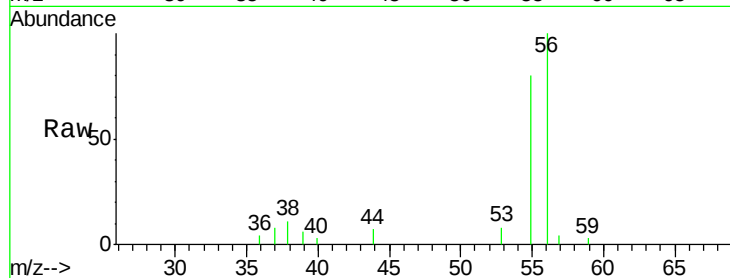
VD0331SBS01

Tgt Ion: 56 Resp: 29023

Ion Ratio Lower Upper

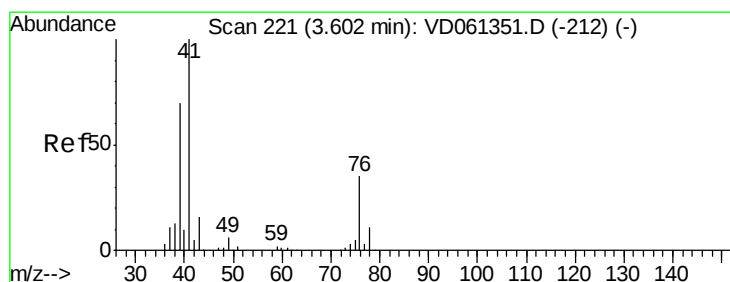
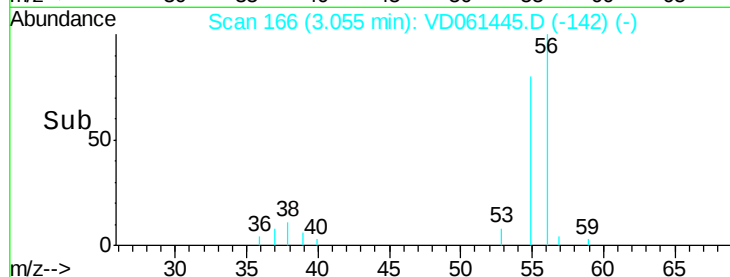
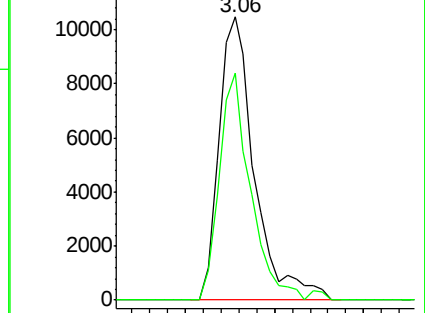
56 100

55 80.0 54.6 82.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.279 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.04 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

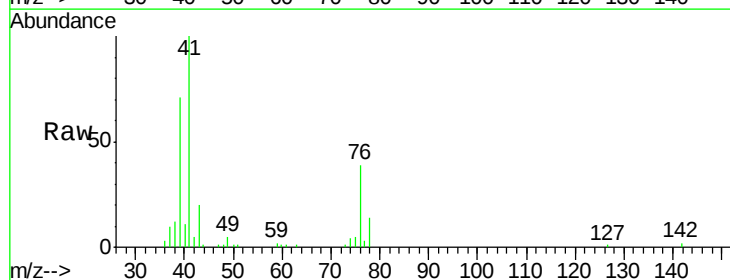
Tgt Ion: 41 Resp: 197743

Ion Ratio Lower Upper

41 100

39 71.2 55.6 83.4

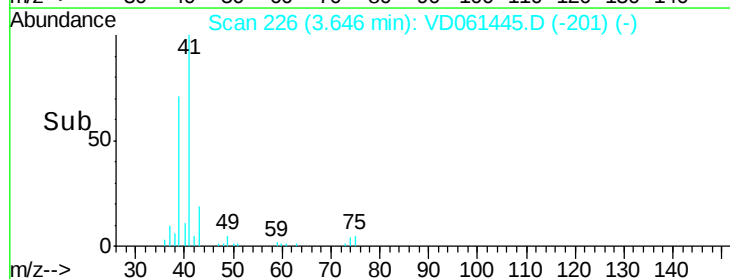
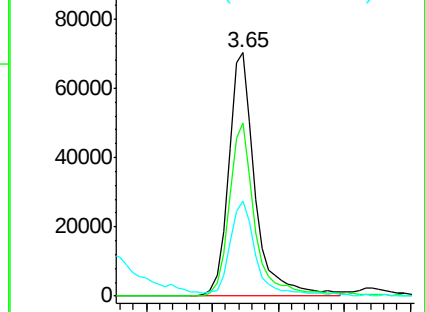
76 39.2 31.0 46.6



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 97.916 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.04 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

VD0331SBS01

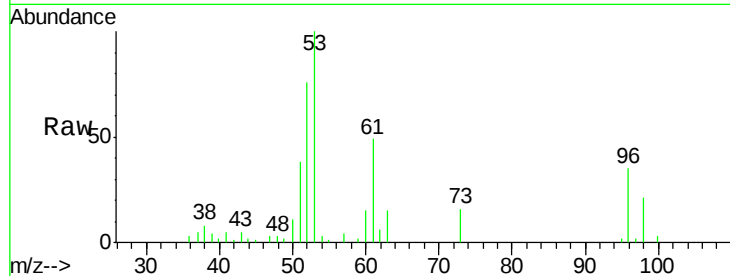
Tgt Ion: 53 Resp: 123869

Ion Ratio Lower Upper

53 100

52 75.9 64.8 97.2

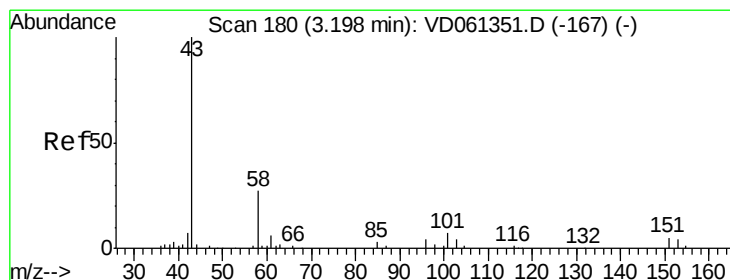
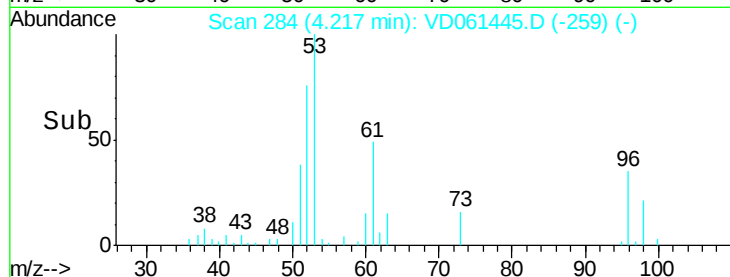
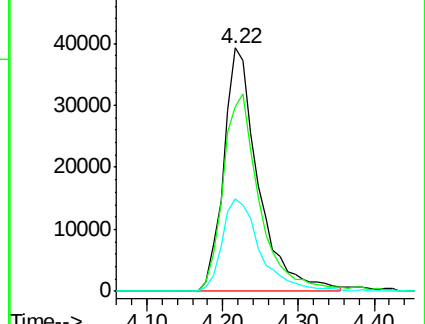
51 38.2 31.4 47.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 91.673 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.04 min

Lab File: VD061445.D

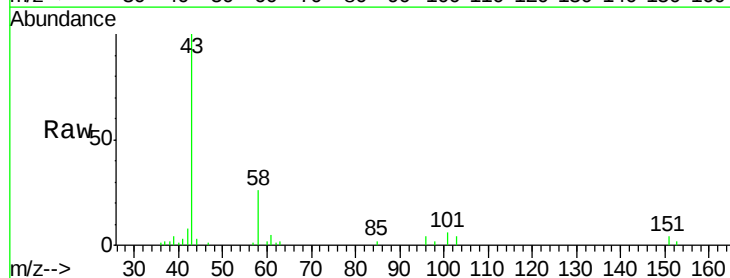
Acq: 31 Mar 2019 14:28

Tgt Ion: 43 Resp: 137924

Ion Ratio Lower Upper

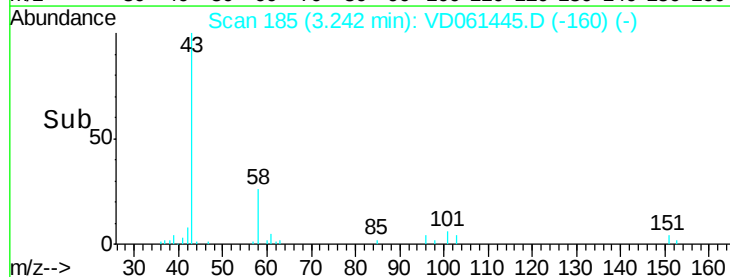
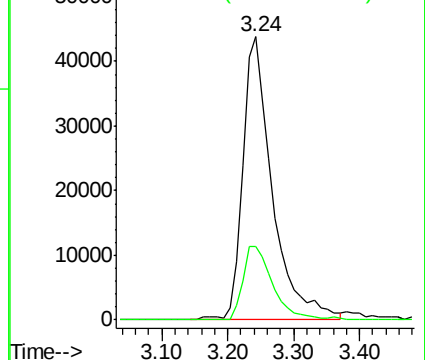
43 100

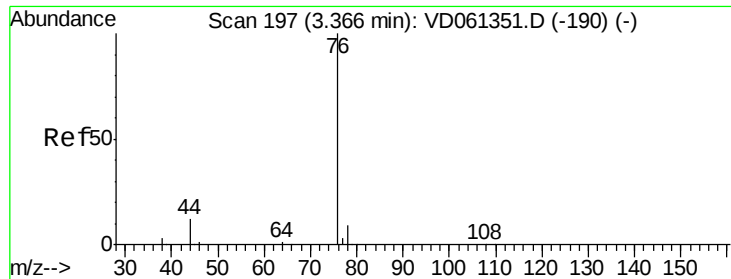
58 25.7 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

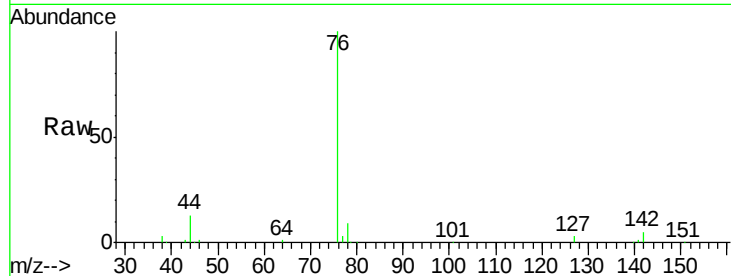




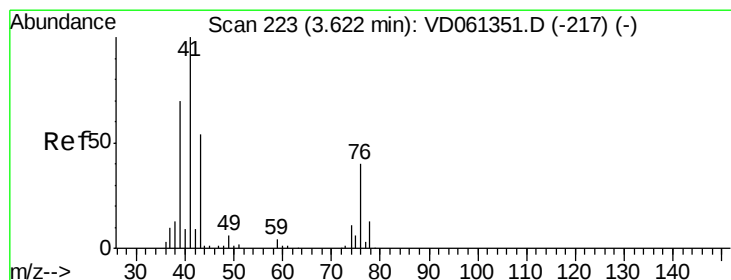
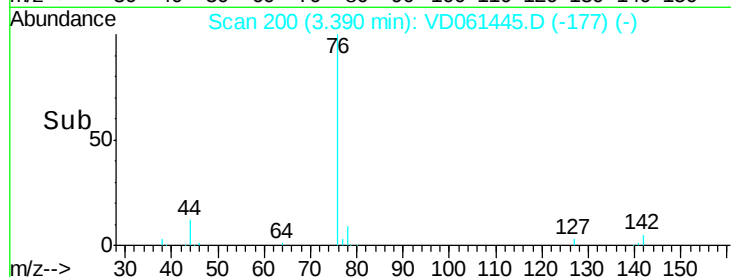
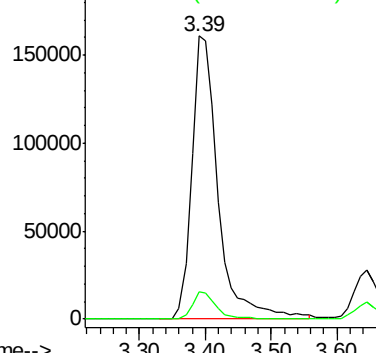
#17  
Carbon Disulfide  
Concen: 18.714 ug/l  
RT: 3.39 min Scan# 200  
Delta R.T. 0.02 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

Tgt Ion: 76 Resp: 447143  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.1 10.7

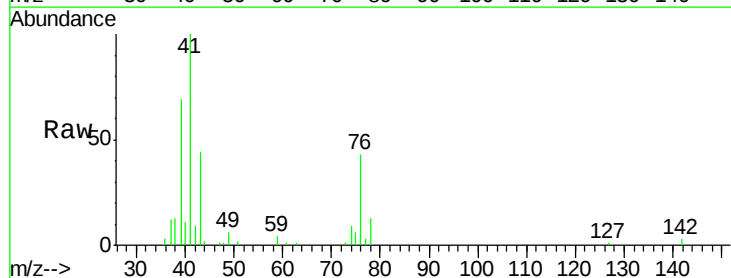


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

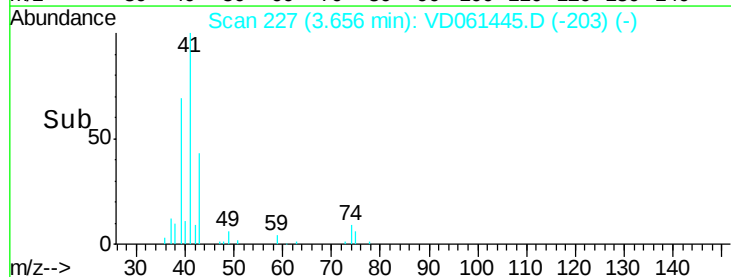
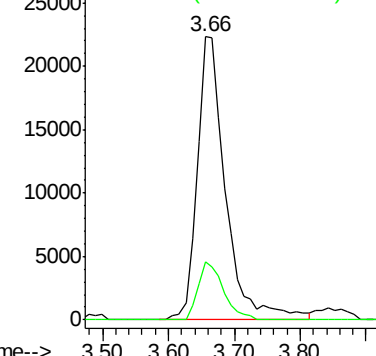


#18  
Methyl Acetate  
Concen: 21.204 ug/l  
RT: 3.66 min Scan# 227  
Delta R.T. 0.03 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion: 43 Resp: 67076  
Ion Ratio Lower Upper  
43 100  
74 20.4 16.7 25.1



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

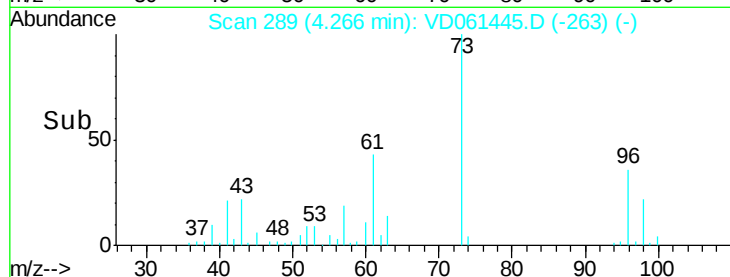
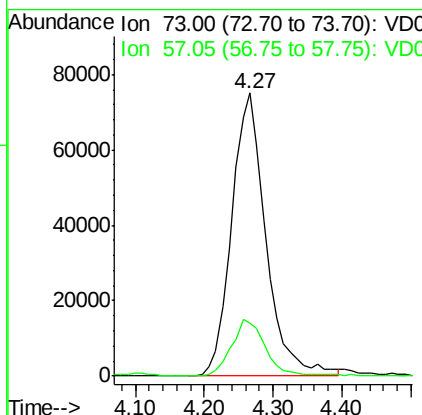
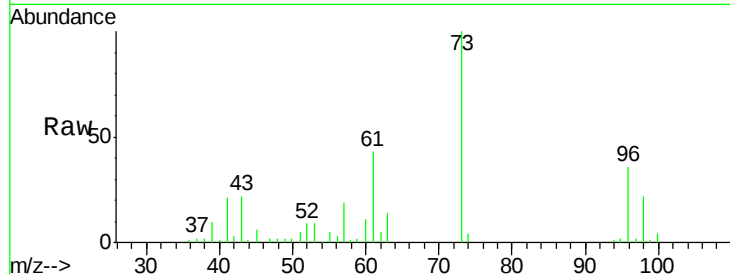




#19  
Methyl tert-butyl Ether  
Concen: 20.318 ug/l  
RT: 4.27 min Scan# 289  
Delta R.T. 0.05 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

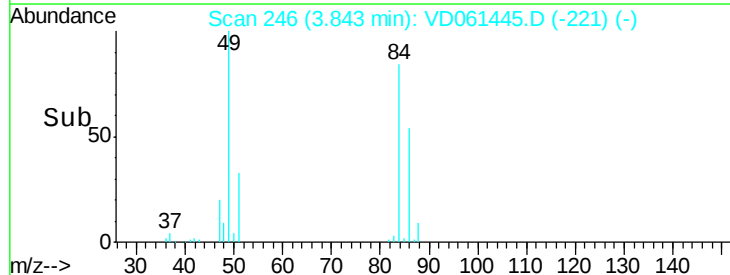
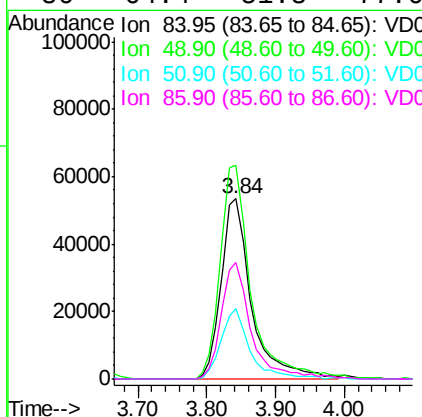
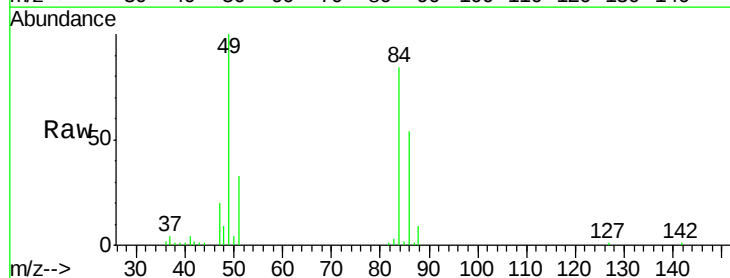
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

Tgt Ion: 73 Resp: 258639  
Ion Ratio Lower Upper  
73 100  
57 18.8 16.4 24.6



#20  
Methylene Chloride  
Concen: 18.211 ug/l  
RT: 3.84 min Scan# 246  
Delta R.T. 0.04 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion: 84 Resp: 163775  
Ion Ratio Lower Upper  
84 100  
49 118.4 91.8 137.8  
51 38.9 29.8 44.8  
86 64.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.551 ug/l

RT: 4.25 min Scan# 287

Delta R.T. 0.05 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

VD0331SBS01

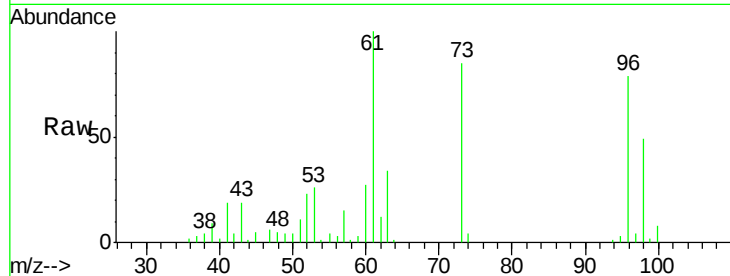
Tgt Ion: 96 Resp: 155227

Ion Ratio Lower Upper

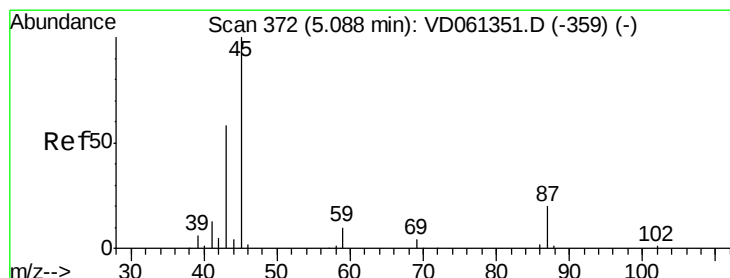
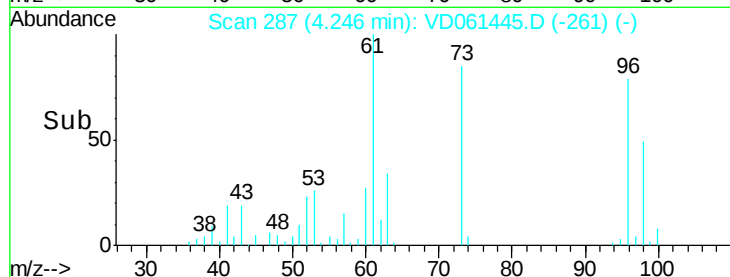
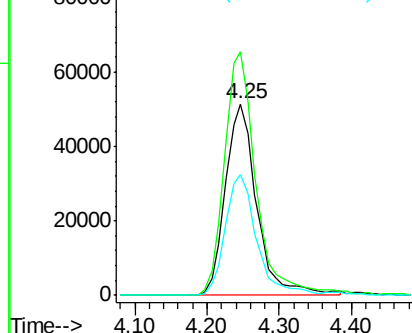
96 100

61 127.0 102.7 154.1

98 62.7 52.2 78.4



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: 20.974 ug/l

RT: 5.15 min Scan# 379

Delta R.T. 0.06 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Tgt Ion: 45 Resp: 455261

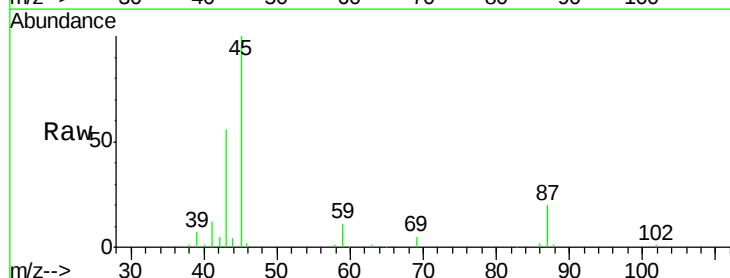
Ion Ratio Lower Upper

45 100

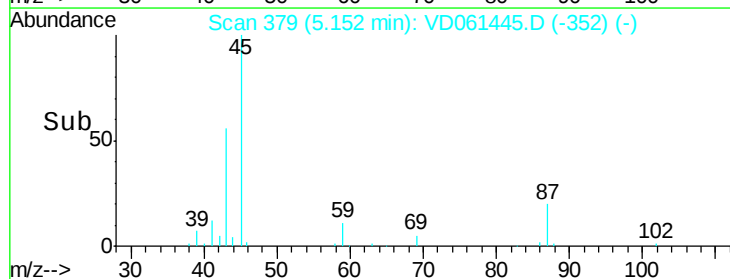
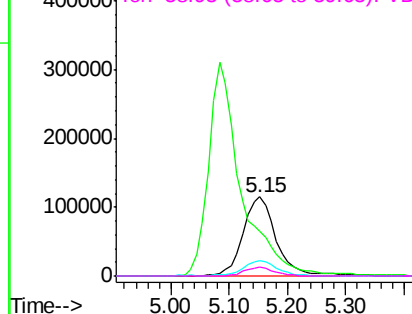
43 56.3 47.4 71.2

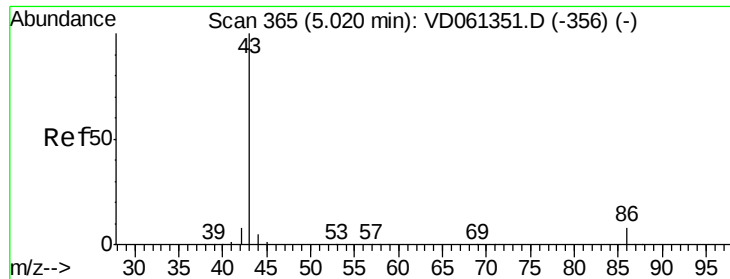
87 20.0 16.3 24.5

59 10.6 8.4 12.6



Abundance Ion 45.05 (44.75 to 45.75): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 87.00 (86.70 to 87.70): VDC  
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 100.457 ug/l

RT: 5.08 min Scan# 372

Delta R.T. 0.06 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

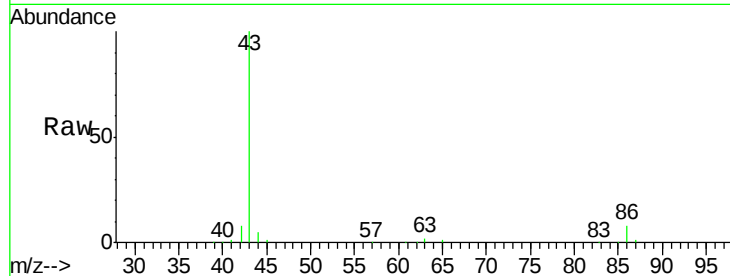
VD0331SBS01

Tgt Ion: 43 Resp: 1184418

Ion Ratio Lower Upper

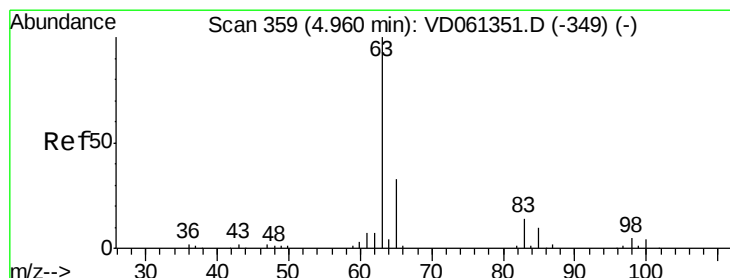
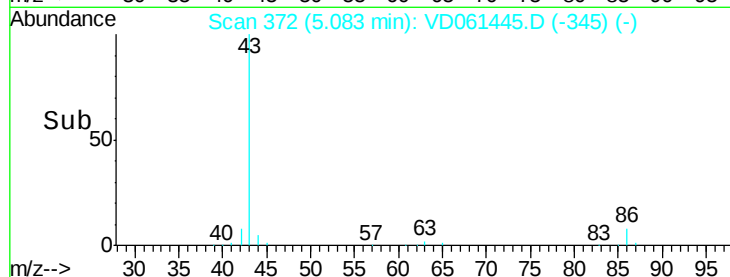
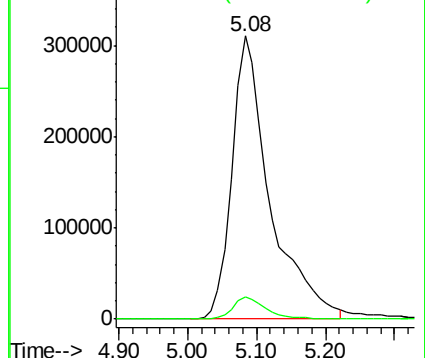
43 100

86 7.8 6.7 10.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.648 ug/l

RT: 5.01 min Scan# 365

Delta R.T. 0.05 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

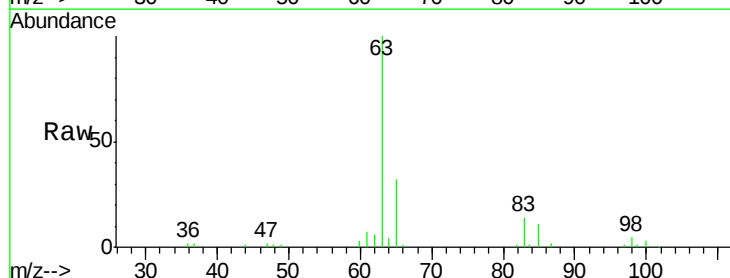
Tgt Ion: 63 Resp: 250633

Ion Ratio Lower Upper

63 100

98 5.5 2.6 8.0

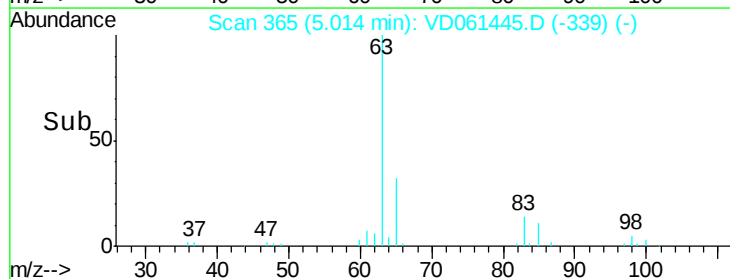
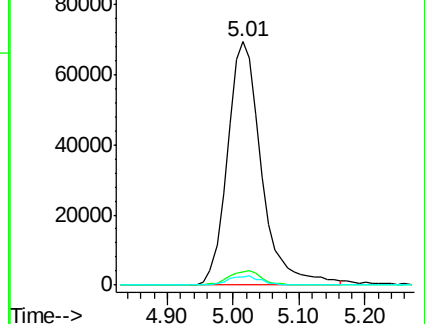
100 3.2 1.8 5.3



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: 97.190 ug/l

RT: 6.10 min Scan# 475

Delta R.T. 0.06 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

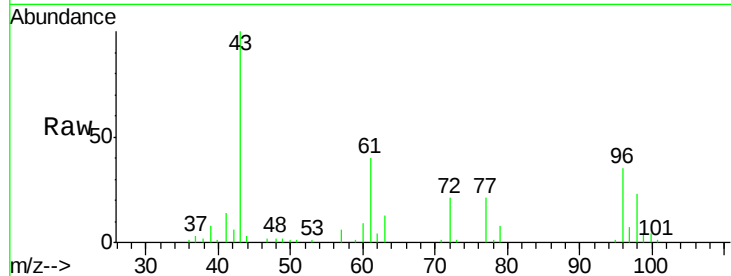
VD0331SBS01

Tgt Ion: 43 Resp: 183937

Ion Ratio Lower Upper

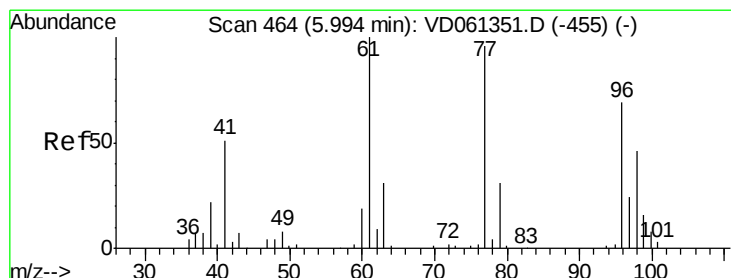
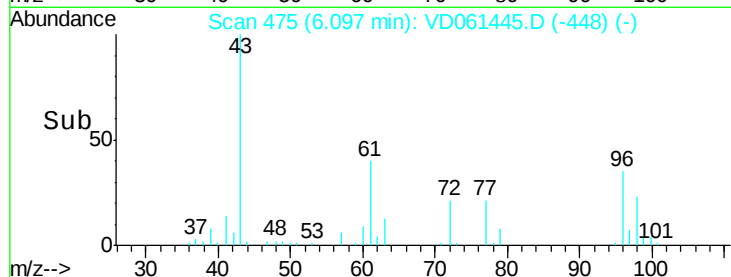
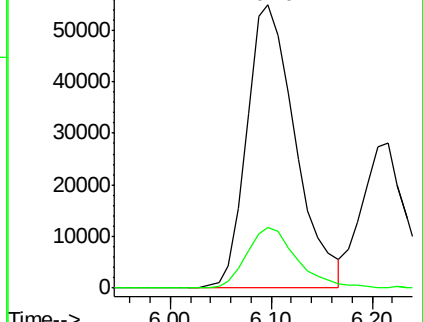
43 100

72 21.4 17.2 25.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.197 ug/l

RT: 6.06 min Scan# 471

Delta R.T. 0.06 min

Lab File: VD061445.D

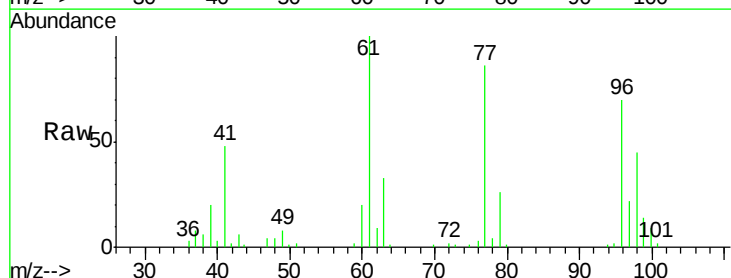
Acq: 31 Mar 2019 14:28

Tgt Ion: 77 Resp: 214946

Ion Ratio Lower Upper

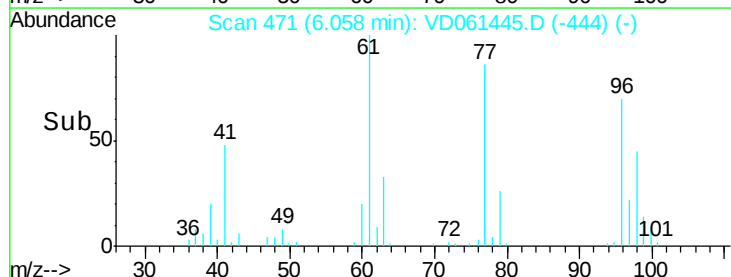
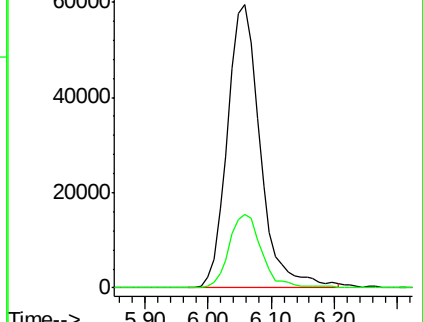
77 100

97 25.8 12.7 38.0



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



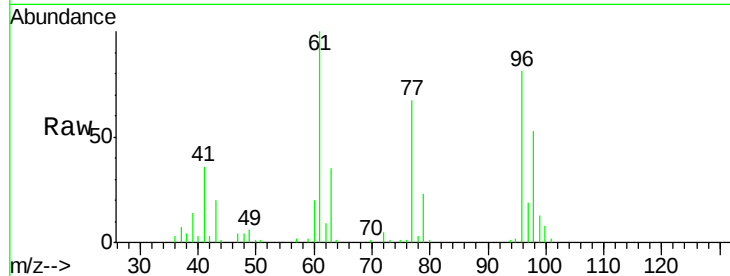


#27

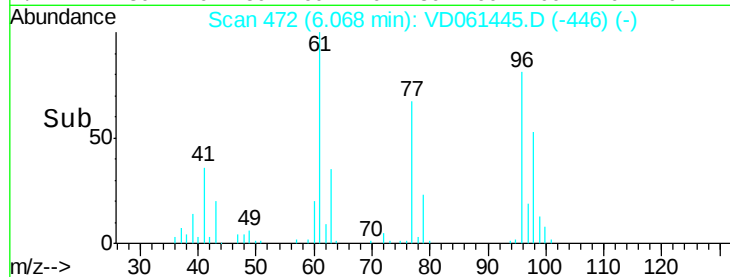
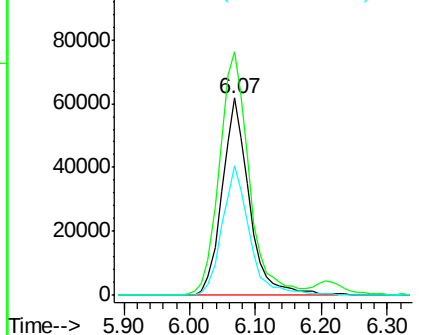
cis-1,2-Dichloroethene  
 Concen: 20.422 ug/l  
 RT: 6.07 min Scan# 472  
 Delta R.T. 0.05 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0331SBS01

Tgt Ion: 96 Resp: 177646  
 Ion Ratio Lower Upper  
 96 100  
 61 123.6 0.0 251.6  
 98 66.1 0.0 129.2



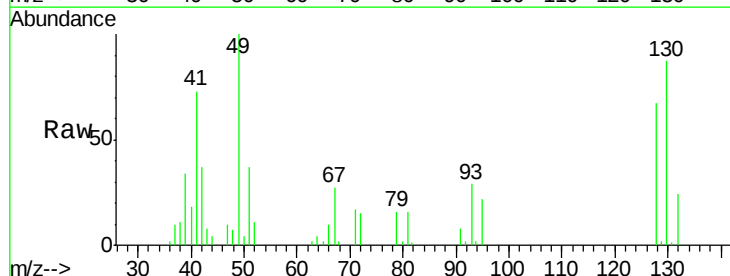
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC



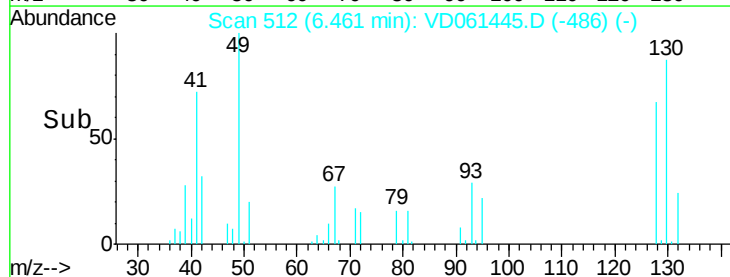
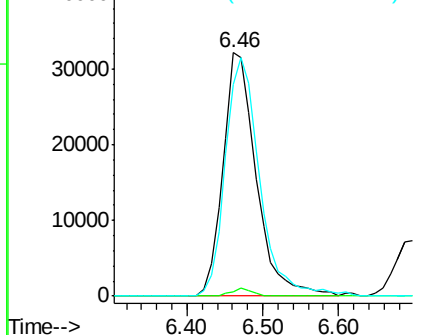
#28

Bromochloromethane  
 Concen: 19.010 ug/l  
 RT: 6.46 min Scan# 512  
 Delta R.T. 0.05 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Tgt Ion: 49 Resp: 97886  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 0.0#  
 130 87.1 78.4 117.6



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

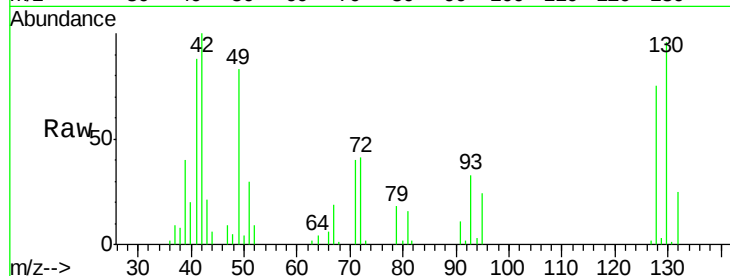




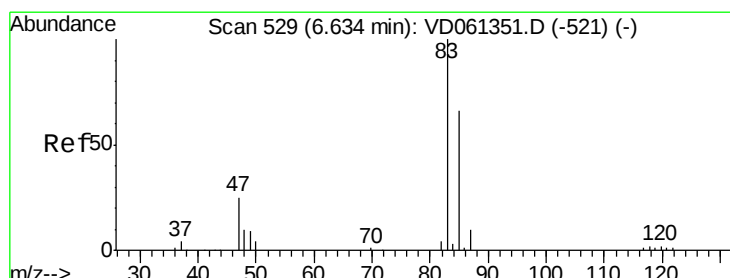
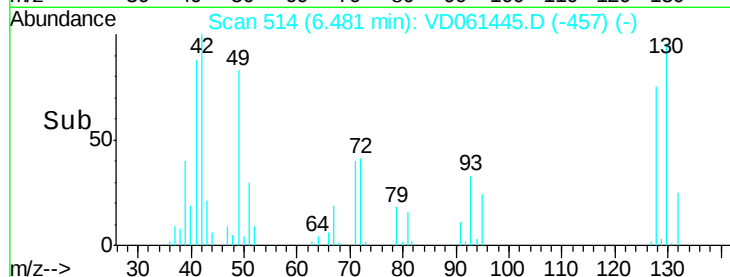
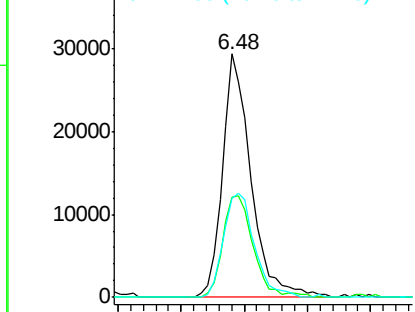
#29  
Tetrahydrofuran  
Concen: 99.810 ug/l  
RT: 6.48 min Scan# 514  
Delta R.T. 0.06 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

Tgt Ion: 42 Resp: 91557  
Ion Ratio Lower Upper  
42 100  
72 44.6 37.4 56.0  
71 46.4 36.7 55.1

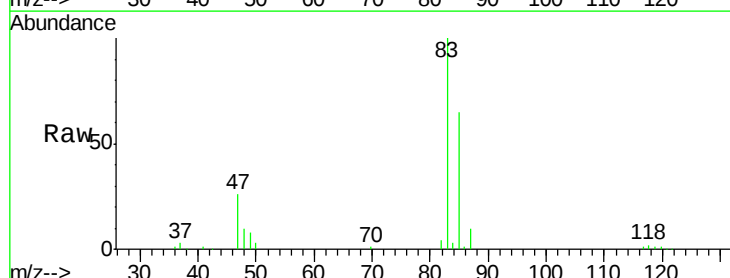


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

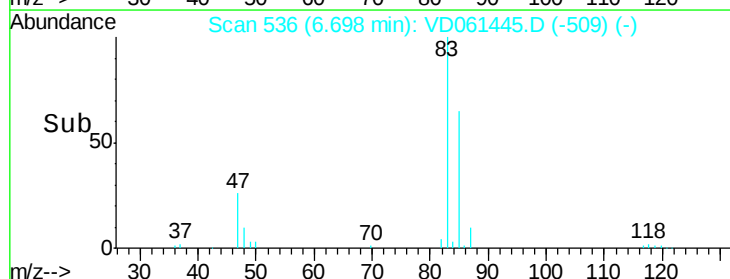
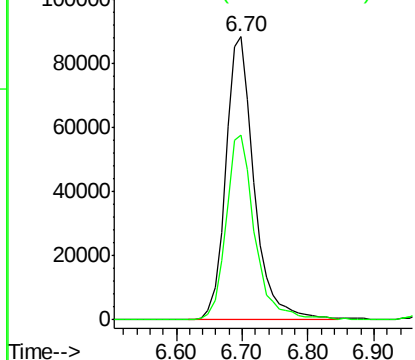


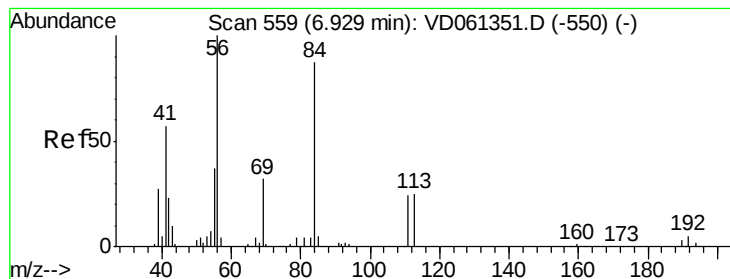
#30  
Chloroform  
Concen: 20.284 ug/l  
RT: 6.70 min Scan# 536  
Delta R.T. 0.06 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion: 83 Resp: 267351  
Ion Ratio Lower Upper  
83 100  
85 65.4 53.0 79.4



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





#31

Cyclohexane

Concen: 18.494 ug/l

RT: 6.99 min Scan# 566

Delta R.T. 0.06 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

VD0331SBS01

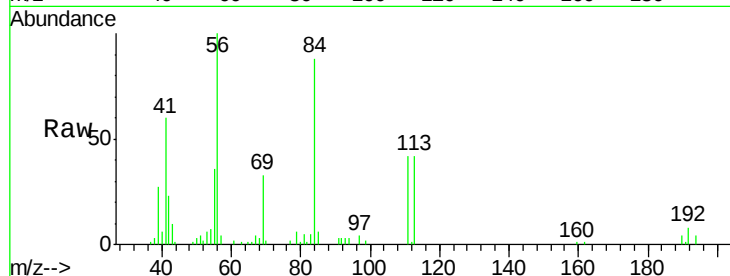
Tgt Ion: 56 Resp: 186421

Ion Ratio Lower Upper

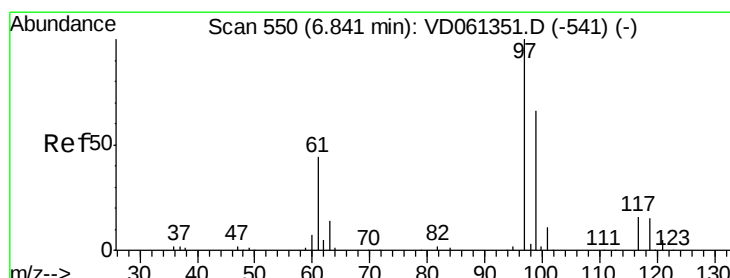
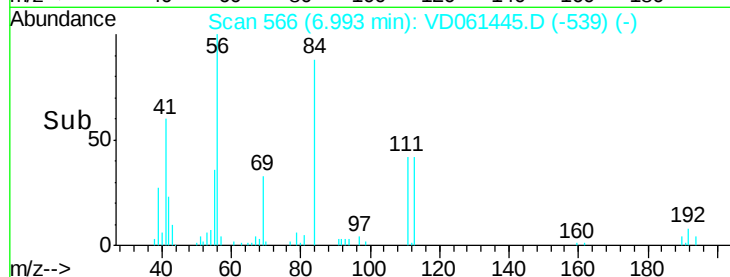
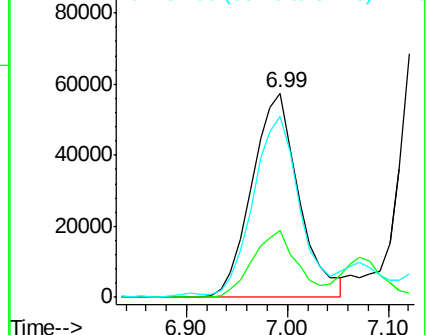
56 100

69 33.0 25.7 38.5

84 88.4 70.6 105.8



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: 19.936 ug/l

RT: 6.90 min Scan# 557

Delta R.T. 0.06 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

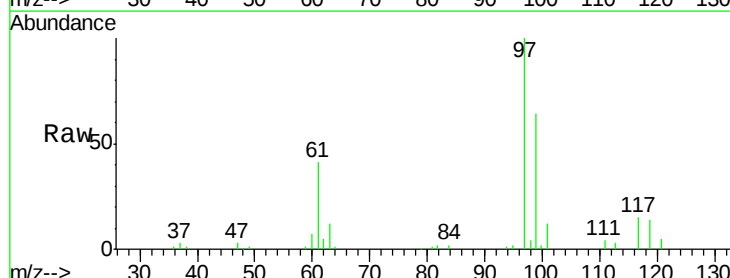
Tgt Ion: 97 Resp: 231825

Ion Ratio Lower Upper

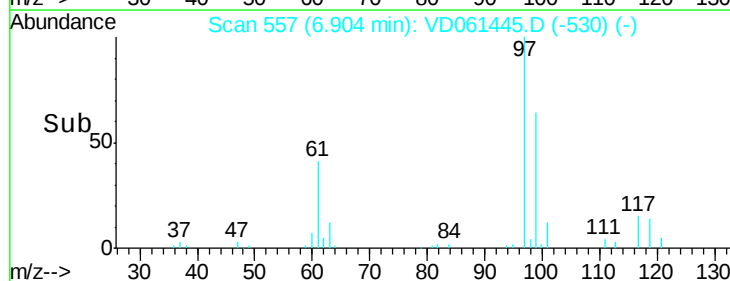
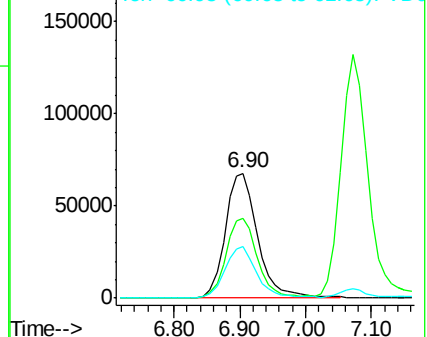
97 100

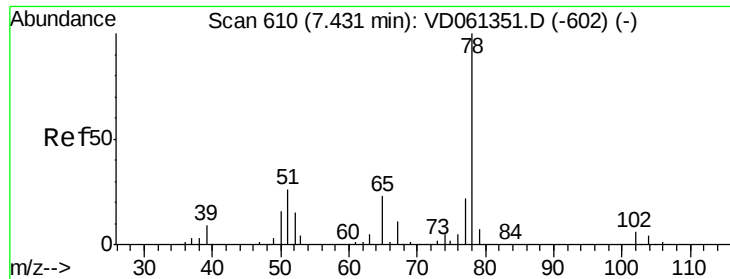
99 63.9 53.1 79.7

61 41.2 35.5 53.3



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

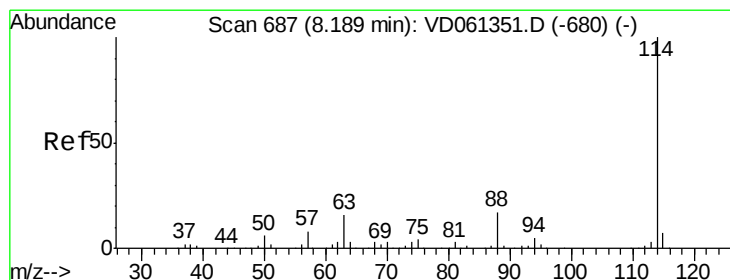
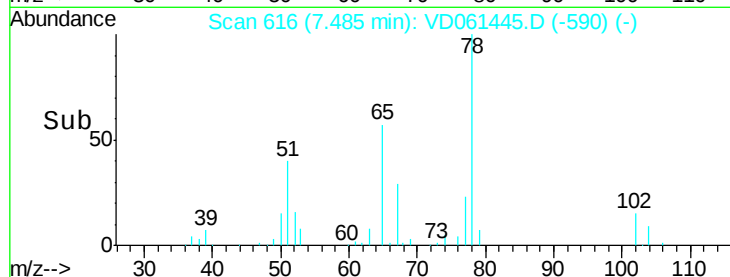
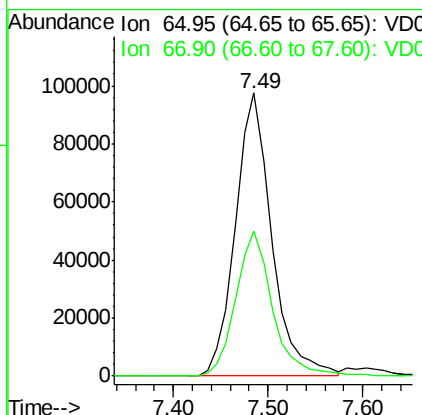
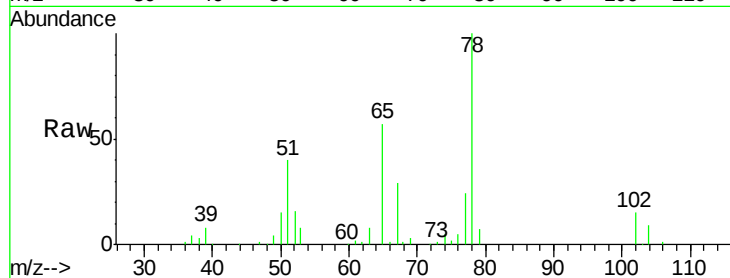




#33  
 1,2-Dichloroethane-d4  
 Concen: 19.936 ug/l  
 RT: 7.49 min Scan# 616  
 Delta R.T. 0.05 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

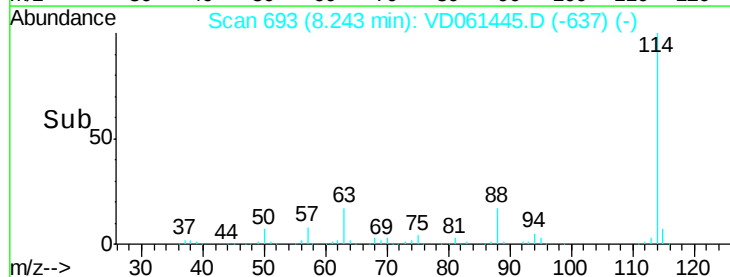
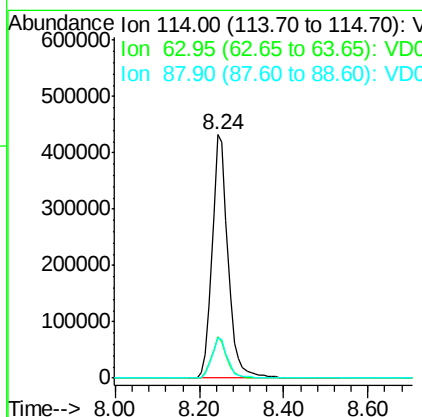
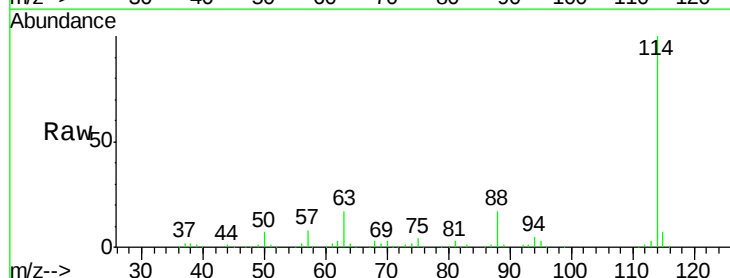
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0331SBS01

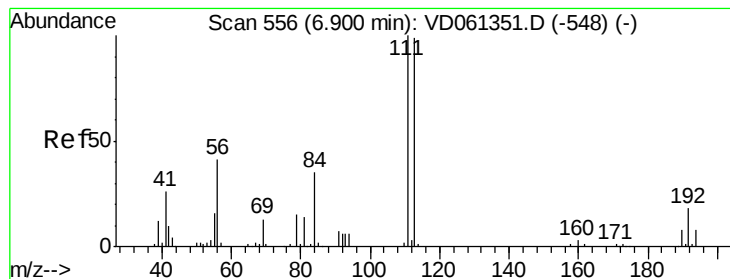
Tgt Ion: 65 Resp: 259269  
 Ion Ratio Lower Upper  
 65 100  
 67 51.1 0.0 99.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.24 min Scan# 693  
 Delta R.T. 0.05 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Tgt Ion: 114 Resp: 1133579  
 Ion Ratio Lower Upper  
 114 100  
 63 17.0 0.0 31.6  
 88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.95 min Scan# 562

Delta R.T. 0.05 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

VD0331SBS01

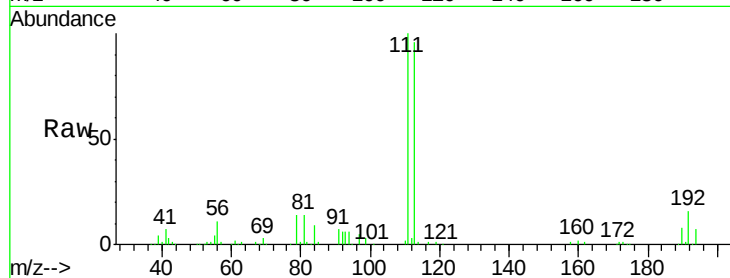
Tgt Ion:113 Resp: 406777

Ion Ratio Lower Upper

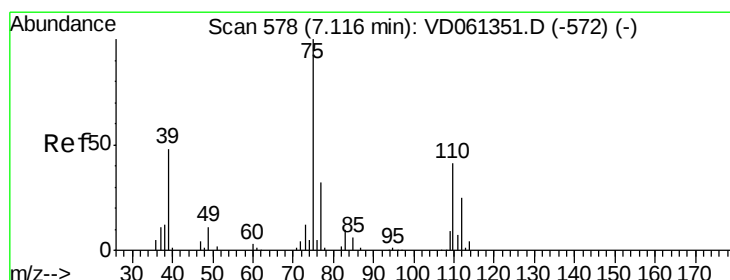
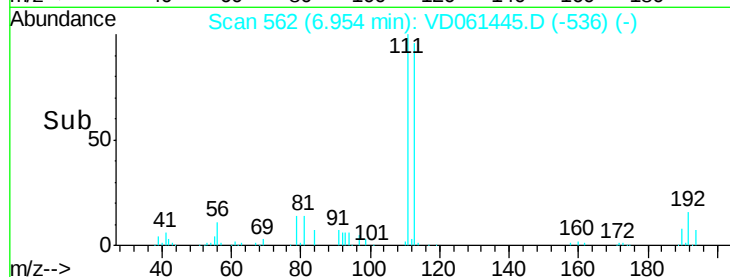
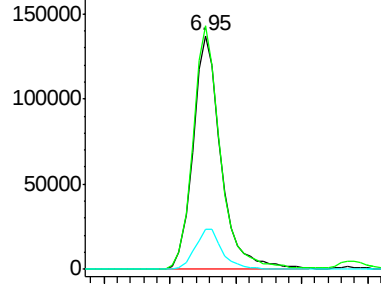
113 100

111 104.2 81.0 121.6

192 17.2 14.4 21.6



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: 20.082 ug/l

RT: 7.18 min Scan# 585

Delta R.T. 0.06 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

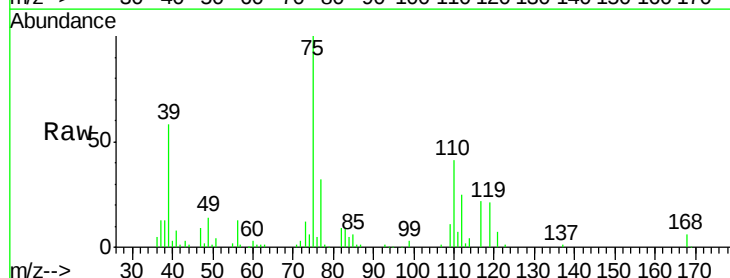
Tgt Ion: 75 Resp: 198686

Ion Ratio Lower Upper

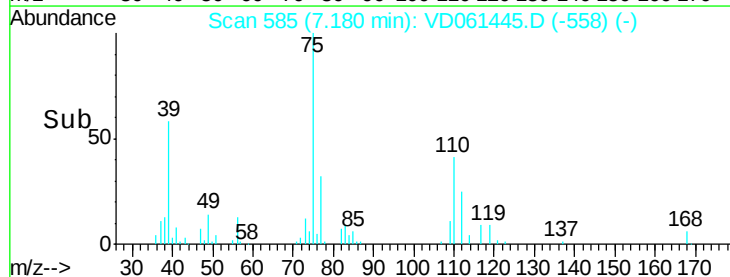
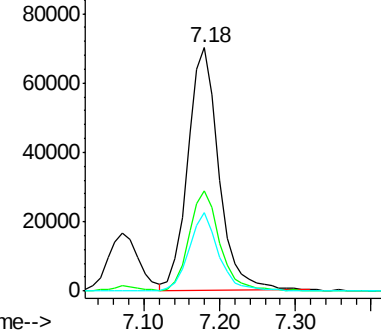
75 100

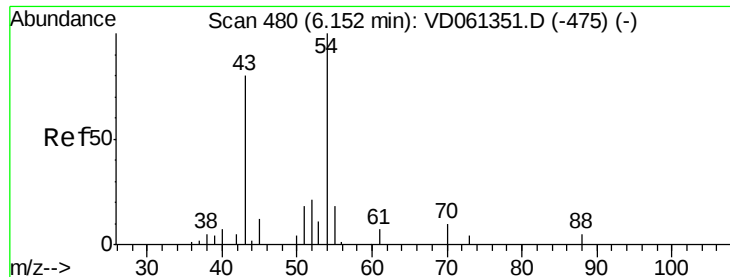
110 41.4 20.4 61.3

77 32.3 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.95 (76.65 to 77.65): VDC

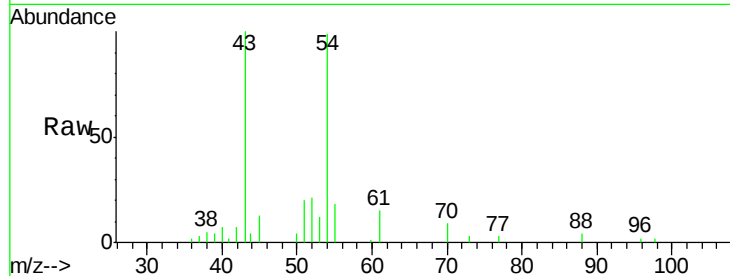




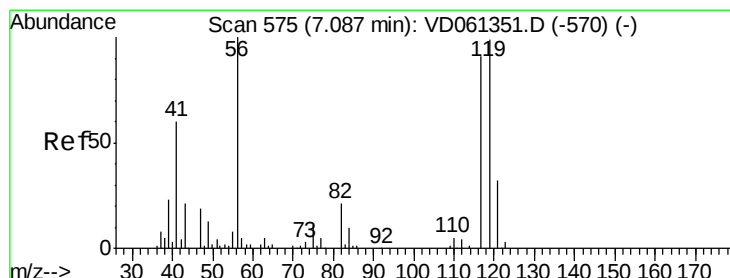
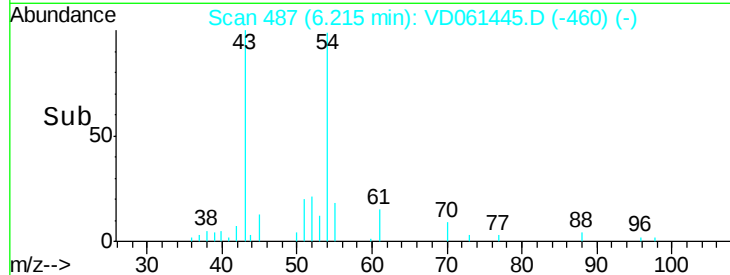
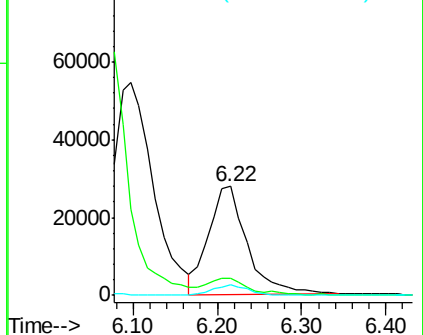
#37  
Ethyl Acetate  
Concen: 20.789 ug/l  
RT: 6.22 min Scan# 487  
Delta R.T. 0.06 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

Tgt Ion: 43 Resp: 87964  
Ion Ratio Lower Upper  
43 100  
61 15.4 13.8 20.8  
70 9.4 7.8 11.8

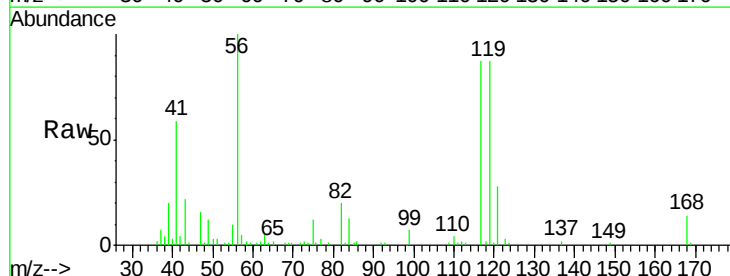


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

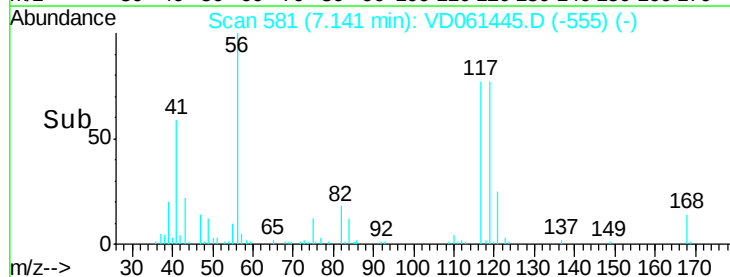
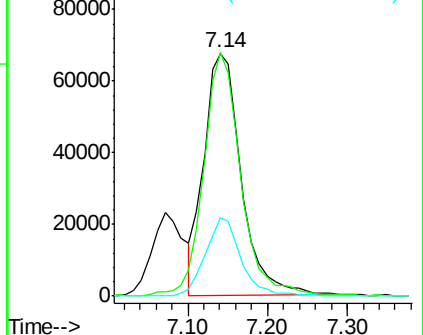


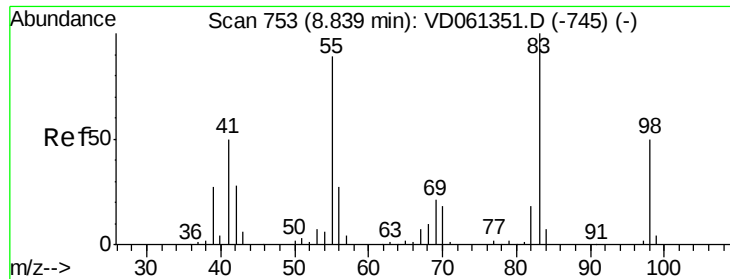
#38  
Carbon Tetrachloride  
Concen: 19.390 ug/l  
RT: 7.14 min Scan# 581  
Delta R.T. 0.05 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion: 117 Resp: 220444  
Ion Ratio Lower Upper  
117 100  
119 100.3 80.1 120.1  
121 32.6 25.6 38.4



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

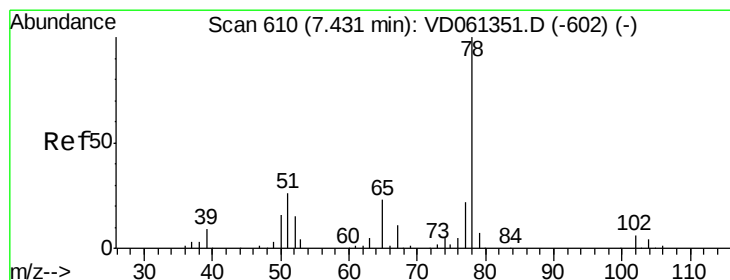
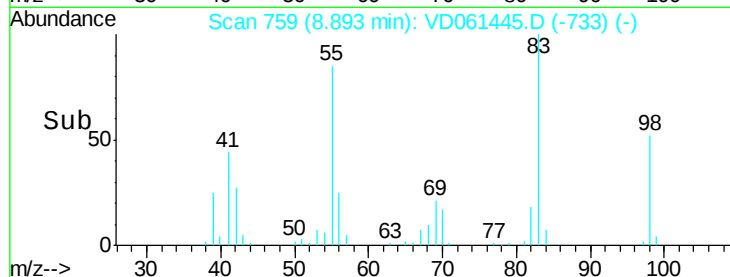
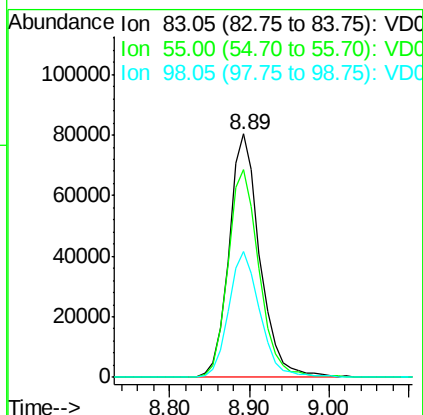
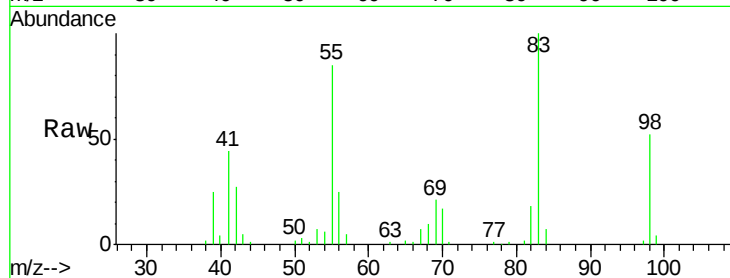




#39  
Methylcyclohexane  
Concen: 21.045 ug/l  
RT: 8.89 min Scan# 759  
Delta R.T. 0.05 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

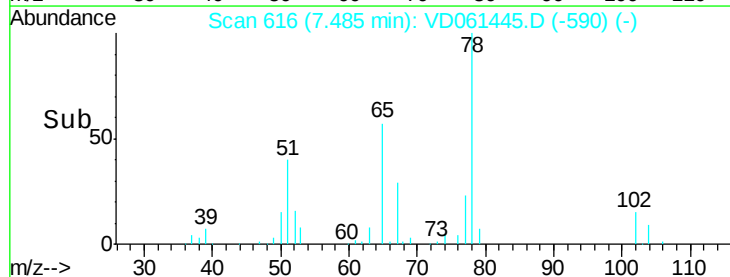
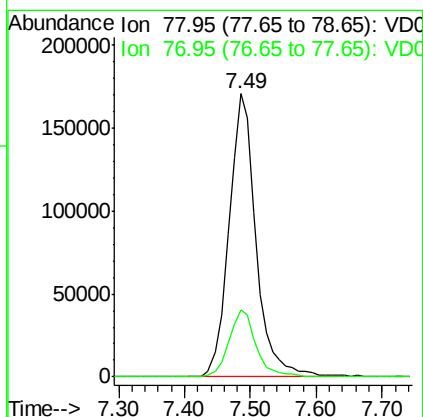
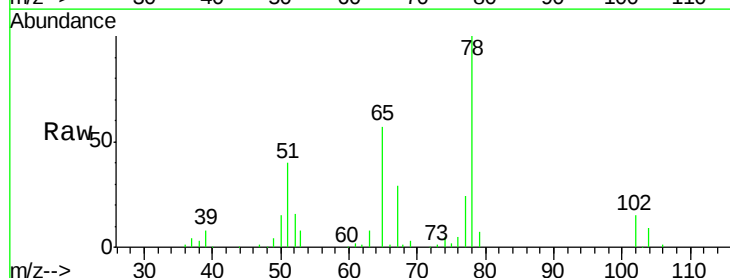
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

Tgt Ion: 83 Resp: 216851  
Ion Ratio Lower Upper  
83 100  
55 85.5 71.5 107.3  
98 51.7 40.3 60.5



#40  
Benzene  
Concen: 19.665 ug/l  
RT: 7.49 min Scan# 616  
Delta R.T. 0.05 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion: 78 Resp: 488295  
Ion Ratio Lower Upper  
78 100  
77 23.7 17.8 26.6

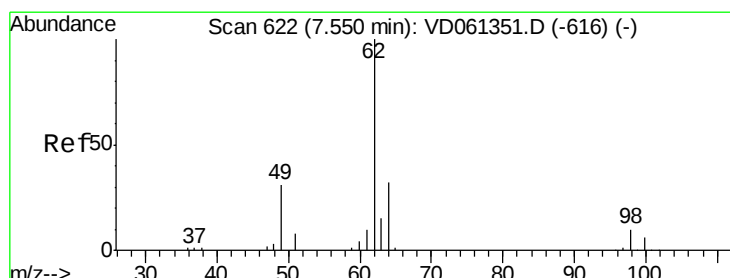
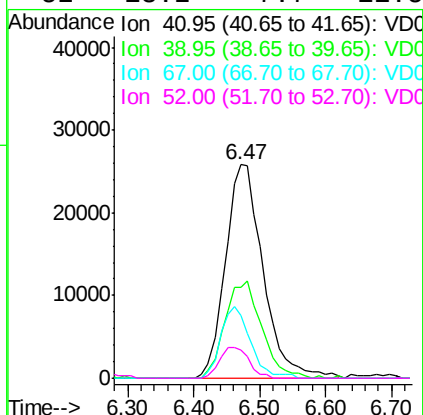
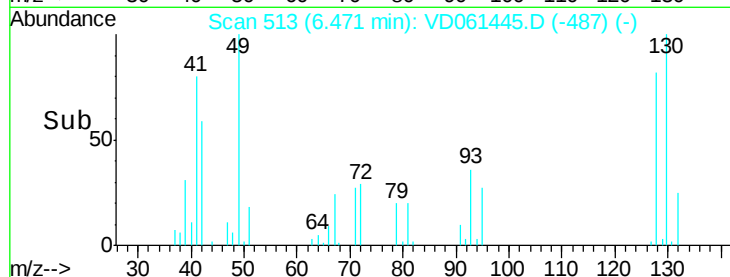
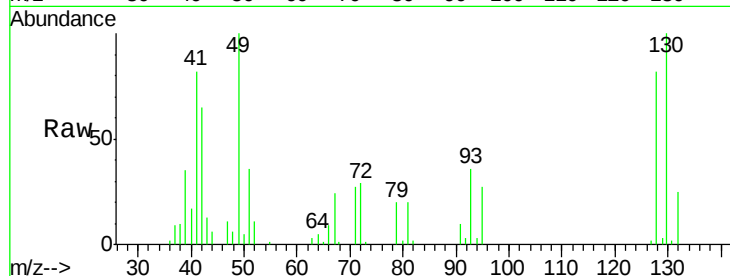




#41  
Methacrylonitrile  
Concen: 20.923 ug/l  
RT: 6.47 min Scan# 513  
Delta R.T. 0.05 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

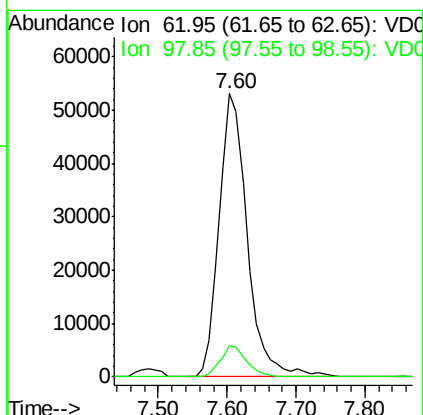
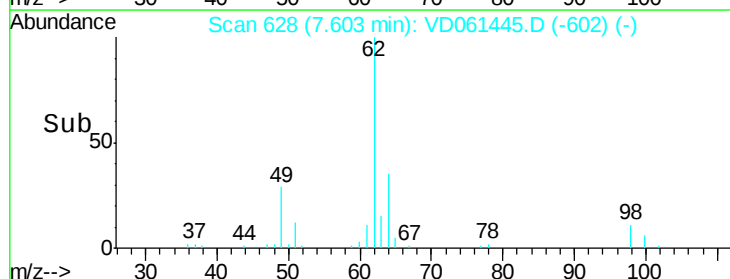
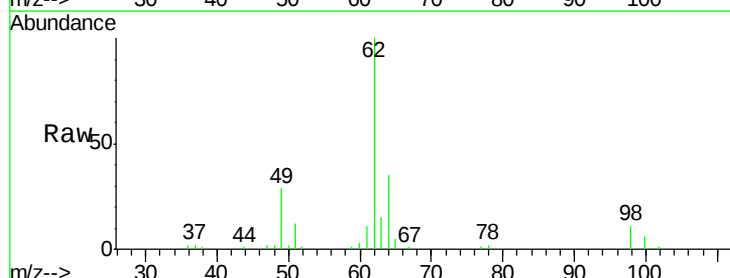
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

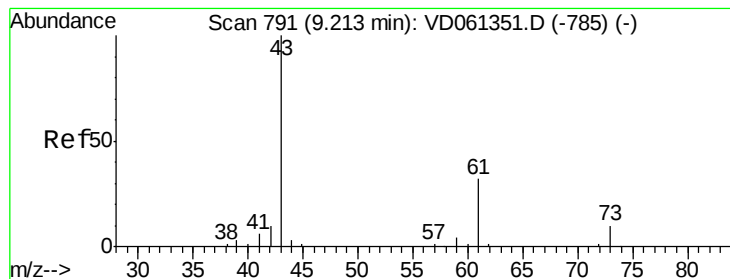
Tgt Ion: 41 Resp: 103515  
Ion Ratio Lower Upper  
41 100  
39 42.6 35.0 52.6  
67 29.1 21.0 31.6  
52 13.2 7.7 11.5#



#42  
1,2-Dichloroethane  
Concen: 20.329 ug/l  
RT: 7.60 min Scan# 628  
Delta R.T. 0.05 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion: 62 Resp: 150990  
Ion Ratio Lower Upper  
62 100  
98 10.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 20.301 ug/l

RT: 9.27 min Scan# 797

Delta R.T. 0.05 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

VD0331SBS01

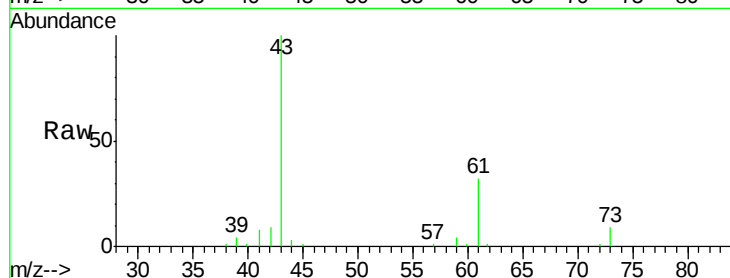
Tgt Ion: 43 Resp: 124978

Ion Ratio Lower Upper

43 100

61 32.3 25.8 38.6

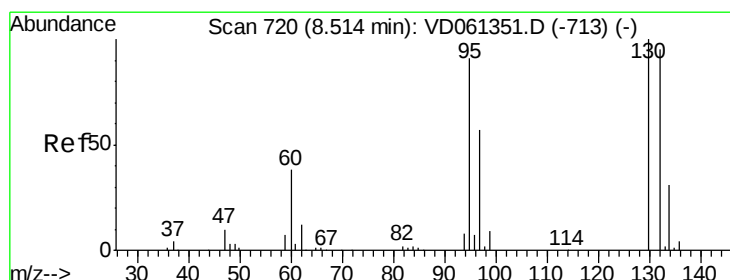
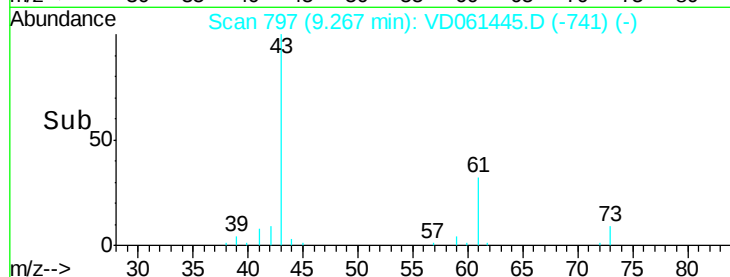
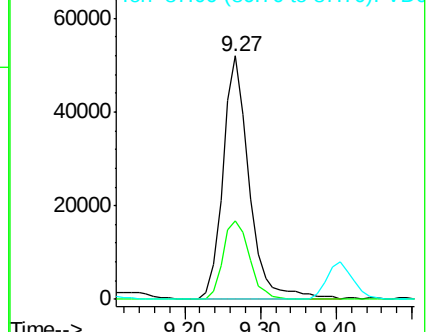
87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.583 ug/l

RT: 8.57 min Scan# 726

Delta R.T. 0.05 min

Lab File: VD061445.D

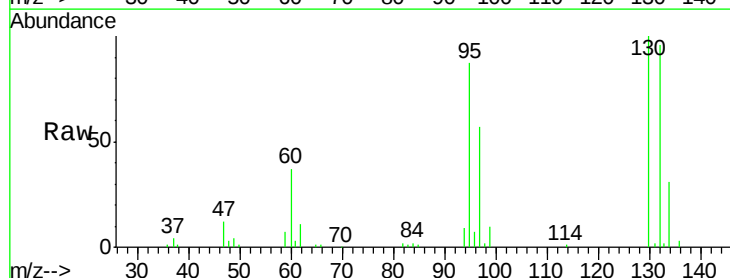
Acq: 31 Mar 2019 14:28

Tgt Ion: 130 Resp: 180958

Ion Ratio Lower Upper

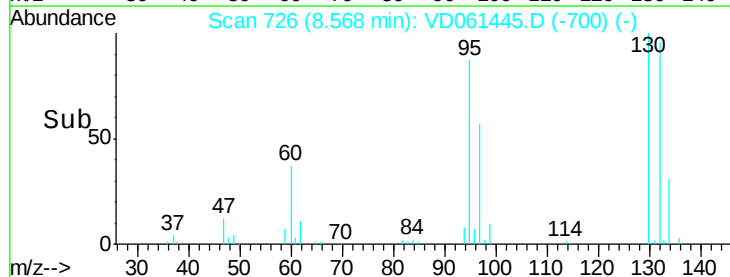
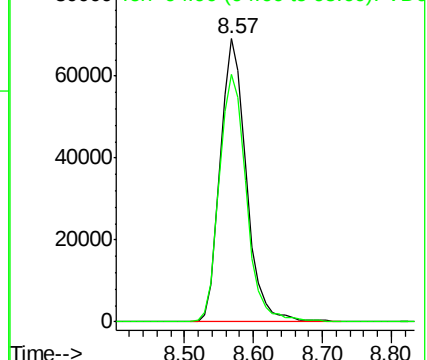
130 100

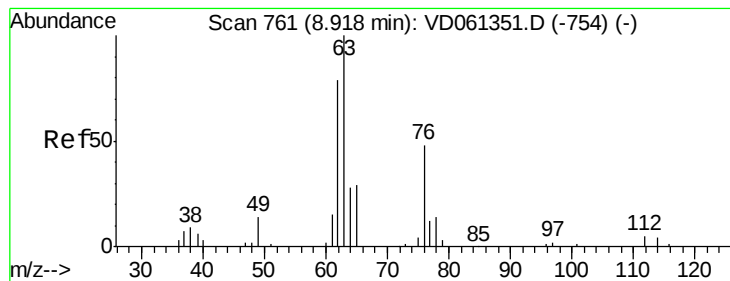
95 87.3 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.369 ug/l

RT: 8.97 min Scan# 767

Delta R.T. 0.05 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

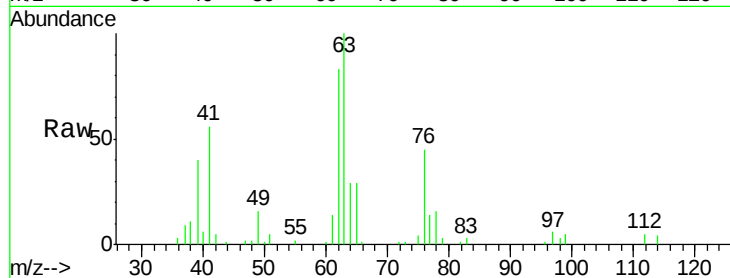
VD0331SBS01

Tgt Ion: 63 Resp: 121951

Ion Ratio Lower Upper

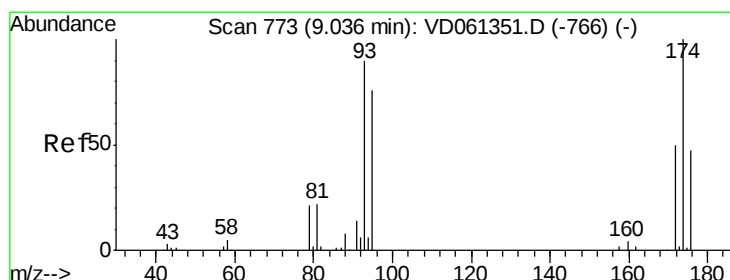
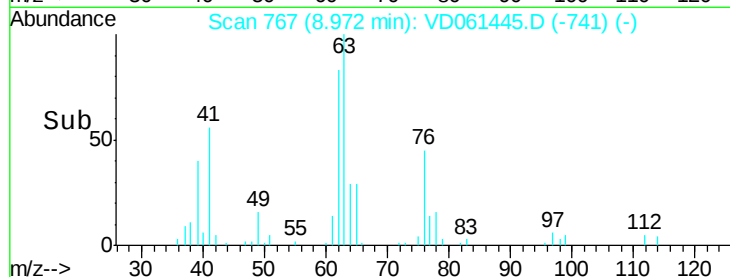
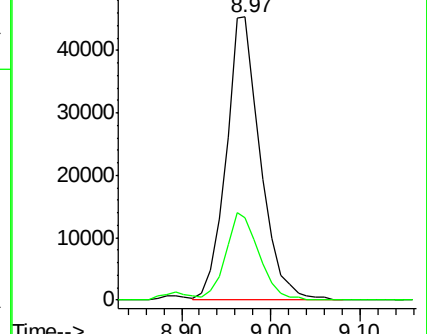
63 100

65 29.1 25.0 37.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 21.488 ug/l

RT: 9.09 min Scan# 779

Delta R.T. 0.05 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

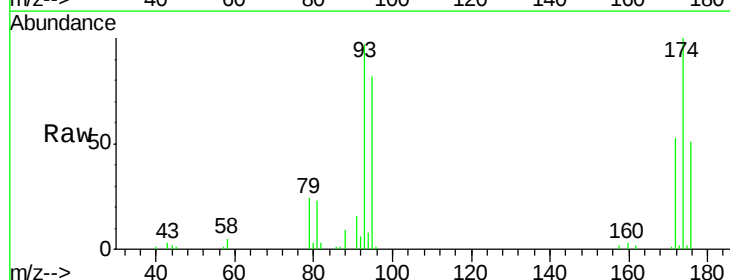
Tgt Ion: 93 Resp: 91062

Ion Ratio Lower Upper

93 100

95 84.8 67.4 101.0

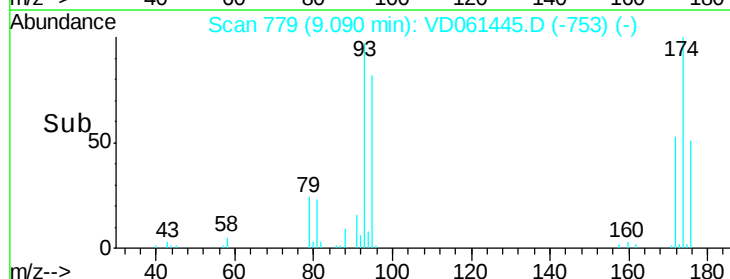
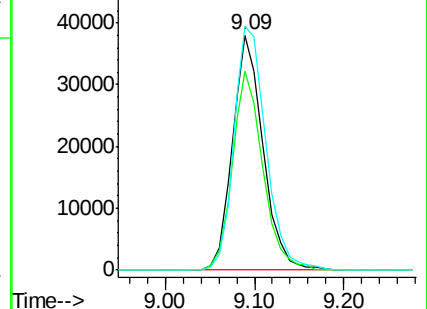
174 103.6 88.9 133.3



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





#47

Bromodichloromethane

Concen: 19.988 ug/l

RT: 9.40 min Scan# 811

Delta R.T. 0.05 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

VD0331SBS01

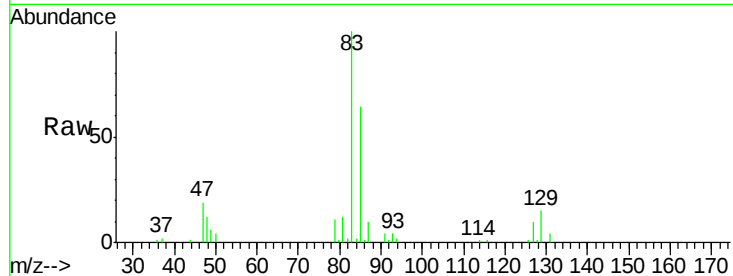
Tgt Ion: 83 Resp: 190119

Ion Ratio Lower Upper

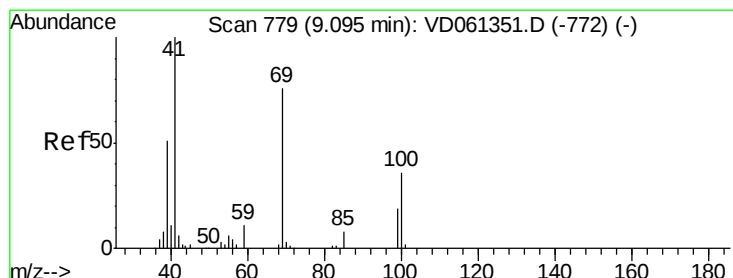
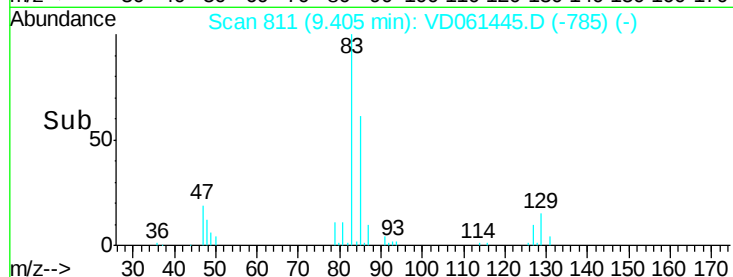
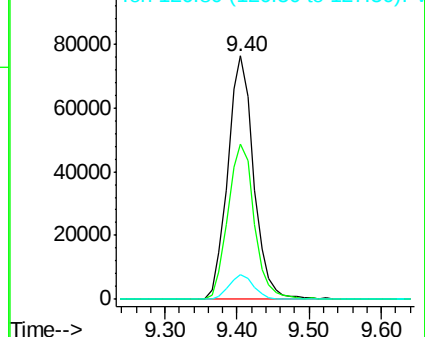
83 100

85 63.6 53.0 79.4

127 10.4 8.4 12.6



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



#48

Methyl methacrylate

Concen: 20.053 ug/l

RT: 9.15 min Scan# 785

Delta R.T. 0.05 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

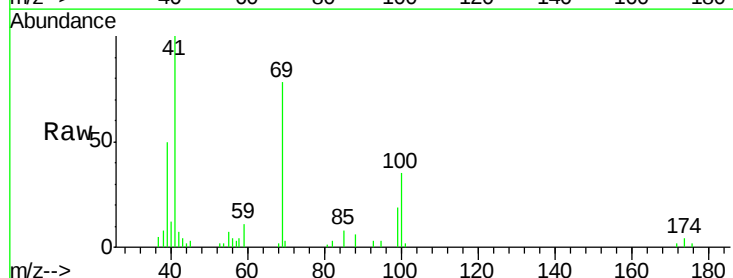
Tgt Ion: 41 Resp: 68132

Ion Ratio Lower Upper

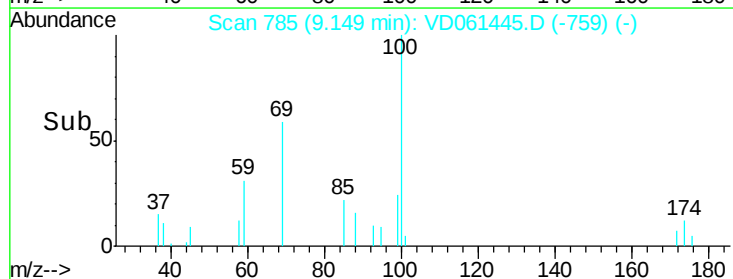
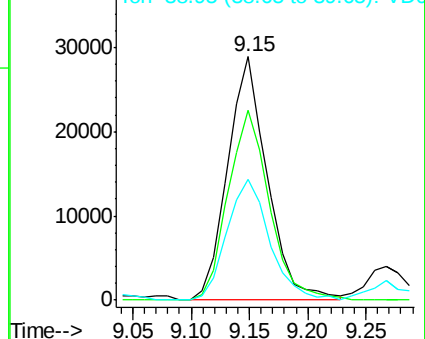
41 100

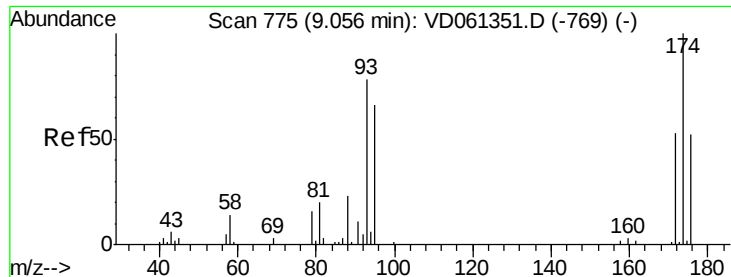
69 77.8 60.2 90.4

39 49.6 41.4 62.2



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

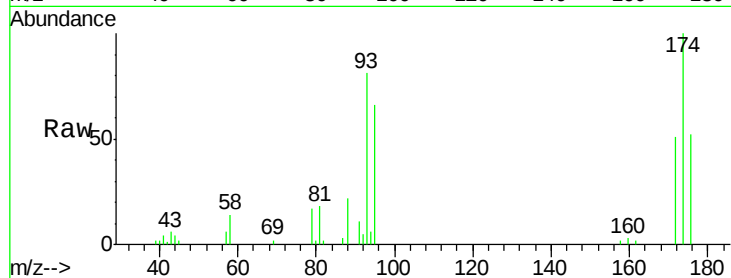




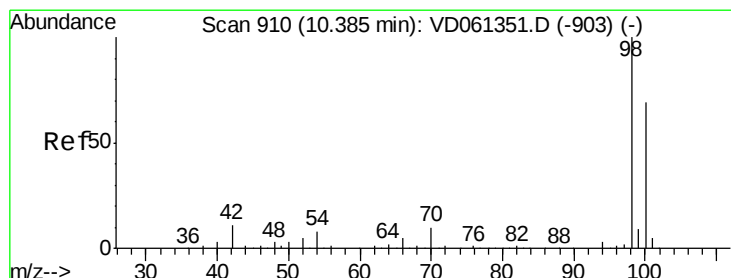
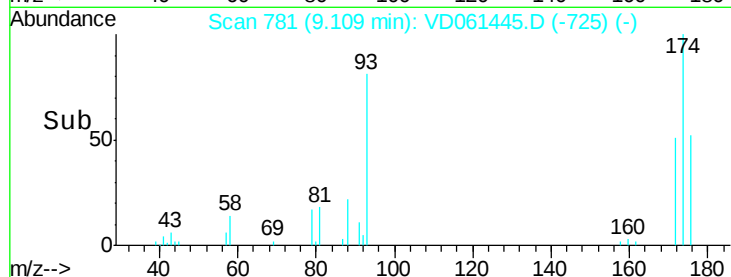
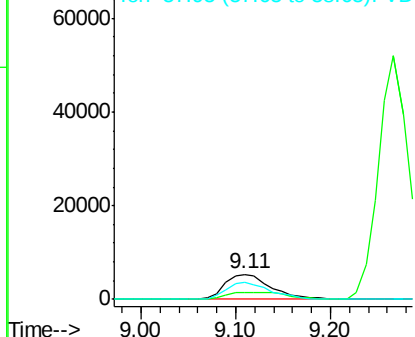
#49  
1,4-Dioxane  
Concen: 474.735 ug/l  
RT: 9.11 min Scan# 781  
Delta R.T. 0.05 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

Tgt Ion: 88 Resp: 17791  
Ion Ratio Lower Upper  
88 100  
43 26.9 23.3 34.9  
58 66.7 50.8 76.2

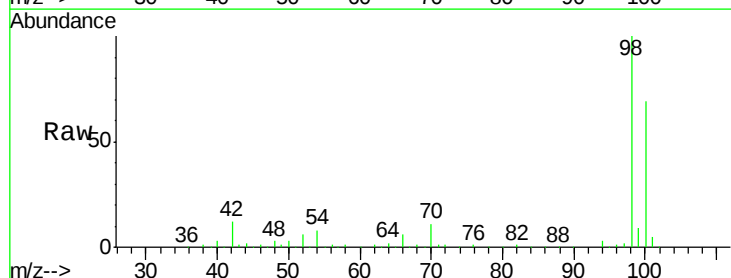


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

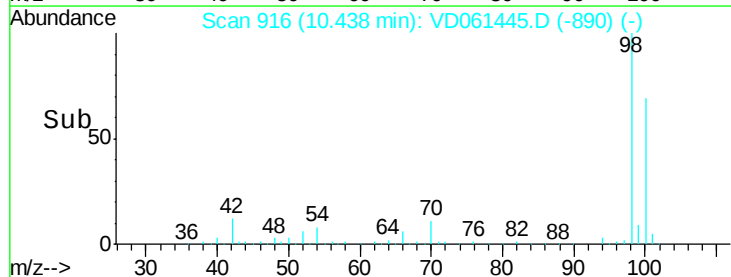
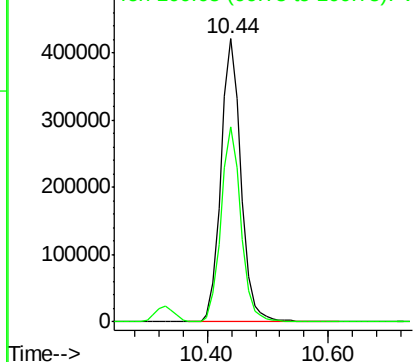


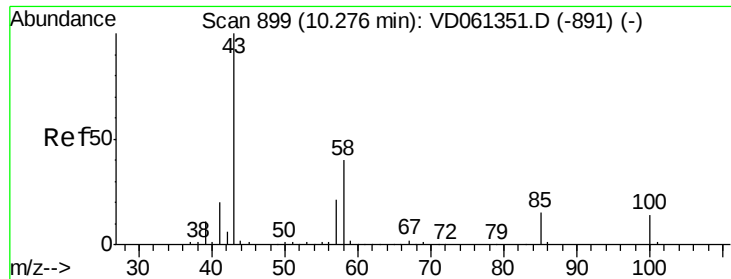
#50  
Toluene-d8  
Concen: 474.735 ug/l  
RT: 10.44 min Scan# 916  
Delta R.T. 0.05 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion: 98 Resp: 969087  
Ion Ratio Lower Upper  
98 100  
100 68.7 56.2 84.2



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

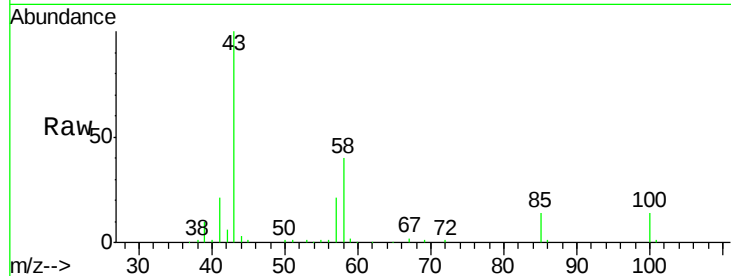




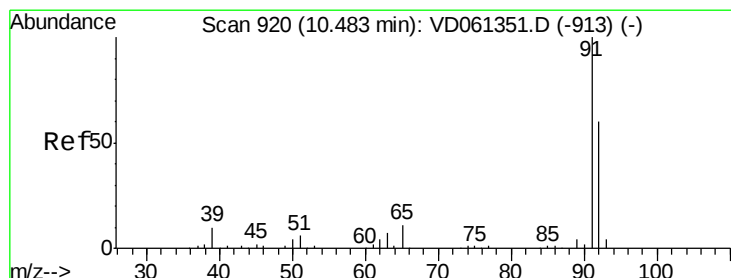
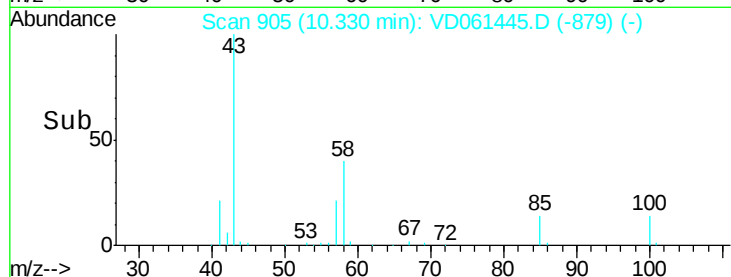
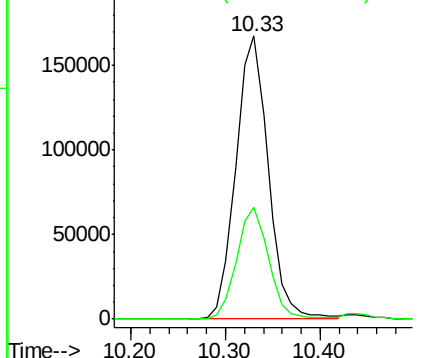
#51  
 4-Methyl-2-Pentanone  
 Concen: 105.997 ug/l  
 RT: 10.33 min Scan# 905  
 Delta R.T. 0.05 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0331SBS01

Tgt Ion: 43 Resp: 397012  
 Ion Ratio Lower Upper  
 43 100  
 58 39.7 31.8 47.8

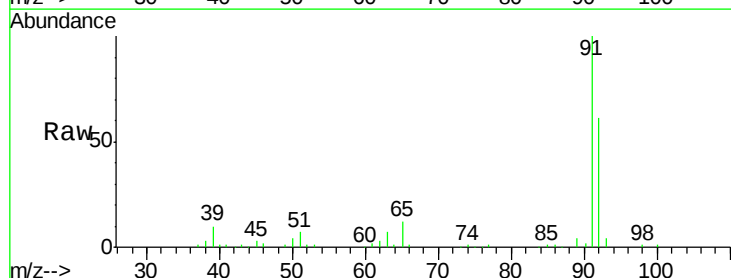


Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 57.95 (57.65 to 58.65): VDC

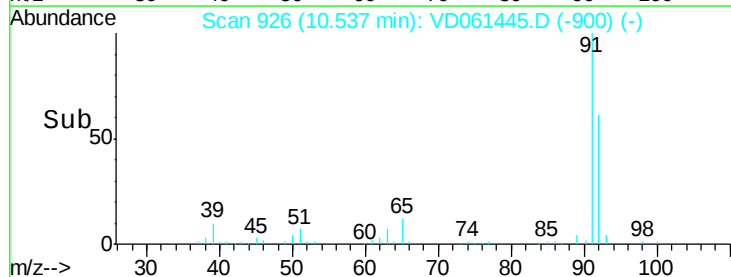
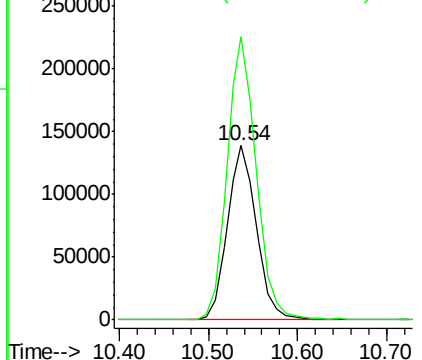


#52  
 Toluene  
 Concen: 20.871 ug/l  
 RT: 10.54 min Scan# 926  
 Delta R.T. 0.05 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Tgt Ion: 92 Resp: 316165  
 Ion Ratio Lower Upper  
 92 100  
 91 162.6 133.3 199.9



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





#53

t-1,3-Dichloropropene

Concen: 20.562 ug/l

RT: 10.94 min Scan# 967

Delta R.T. 0.05 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

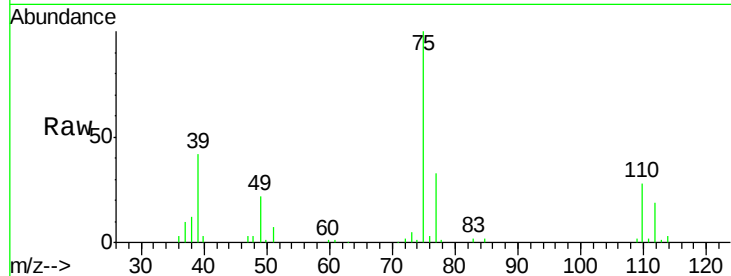
VD0331SBS01

Tgt Ion: 75 Resp: 177689

Ion Ratio Lower Upper

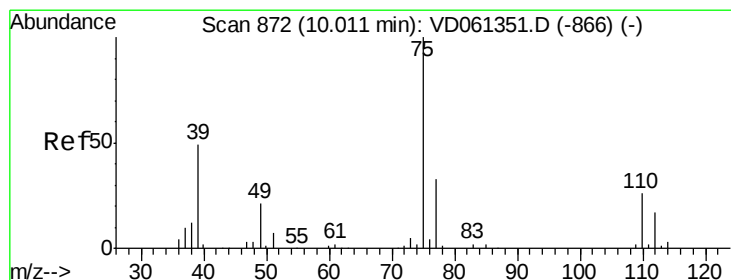
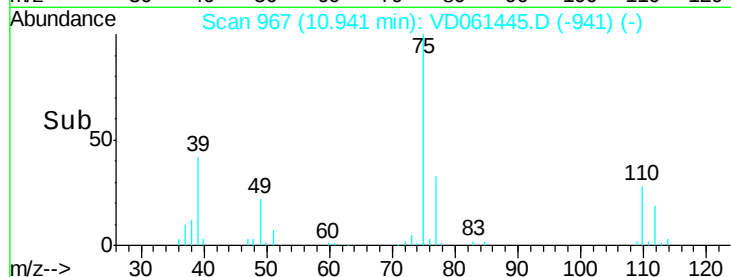
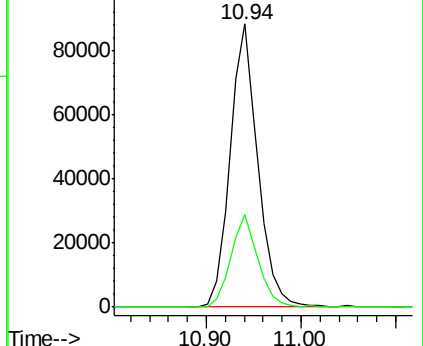
75 100

77 32.7 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 18.930 ug/l

RT: 10.06 min Scan# 878

Delta R.T. 0.05 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

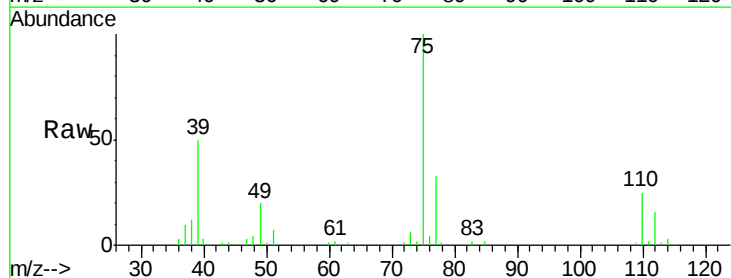
Tgt Ion: 75 Resp: 199195

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4

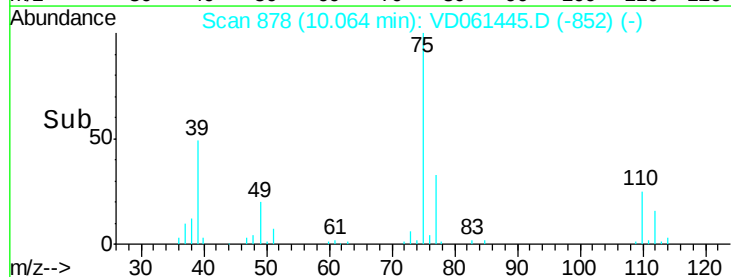
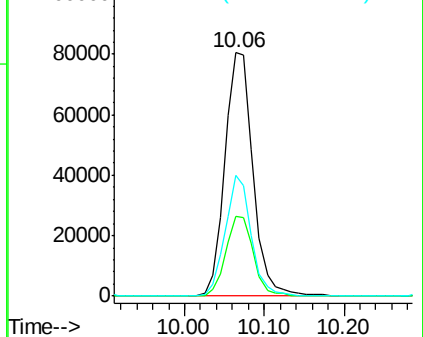
39 49.5 39.4 59.0

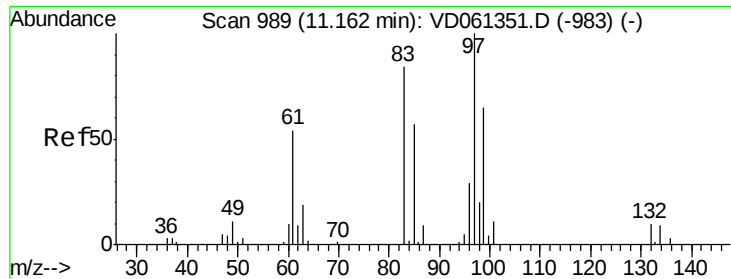


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC





#55

1,1,2-Trichloroethane

Concen: 21.248 ug/l

RT: 11.22 min Scan# 995

Delta R.T. 0.05 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

VD0331SBS01

Tgt Ion: 97 Resp: 112565

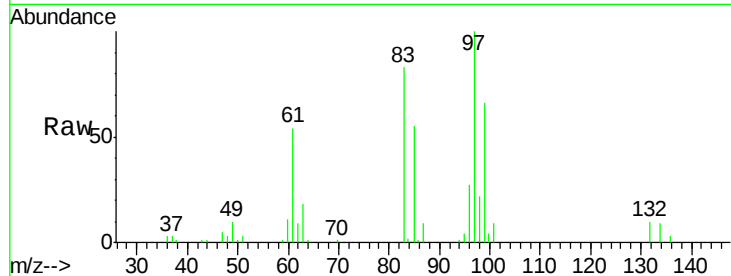
Ion Ratio Lower Upper

97 100

83 82.8 67.0 100.6

85 54.9 45.4 68.2

99 65.8 51.9 77.9

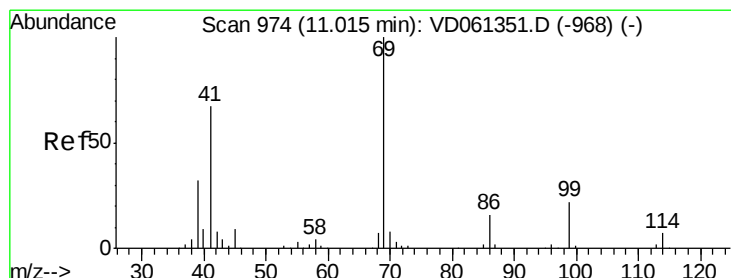
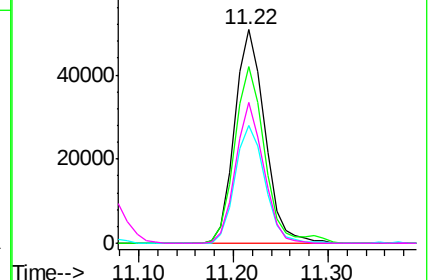
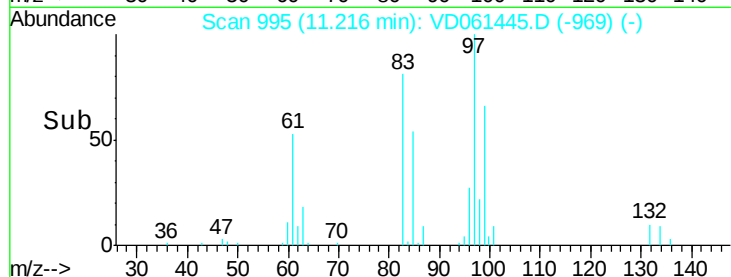


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 21.850 ug/l

RT: 11.07 min Scan# 980

Delta R.T. 0.05 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

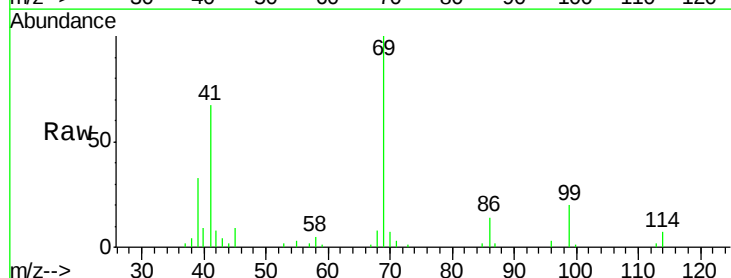
Tgt Ion: 69 Resp: 124353

Ion Ratio Lower Upper

69 100

41 66.9 53.8 80.6

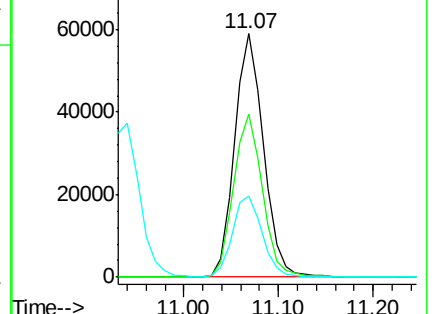
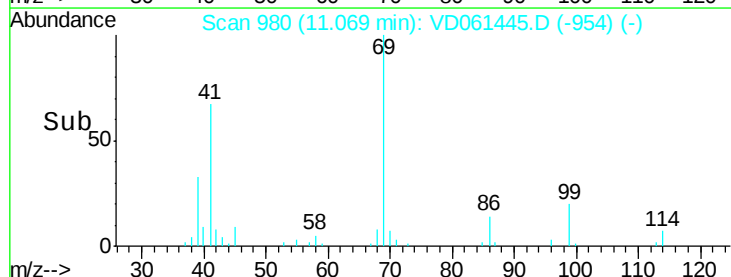
39 33.5 26.4 39.6

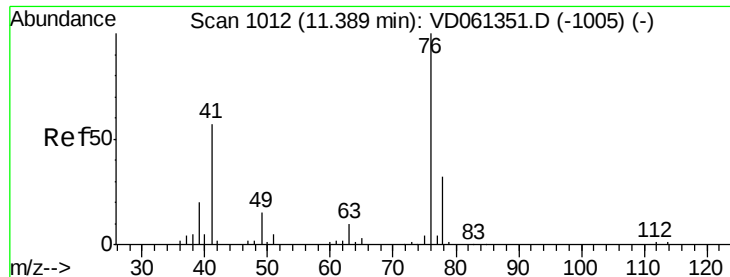


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

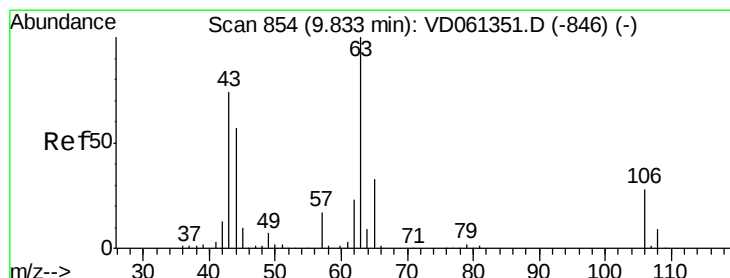
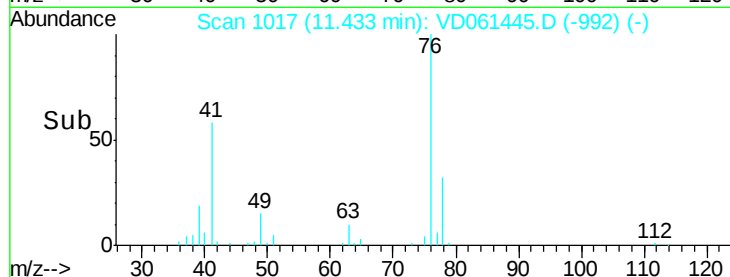
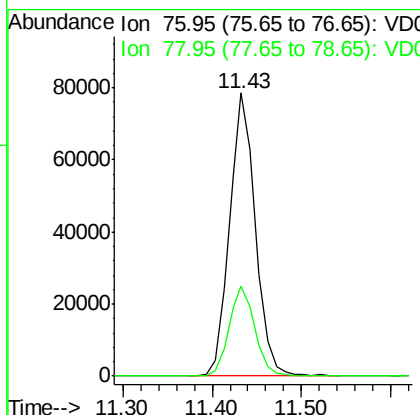
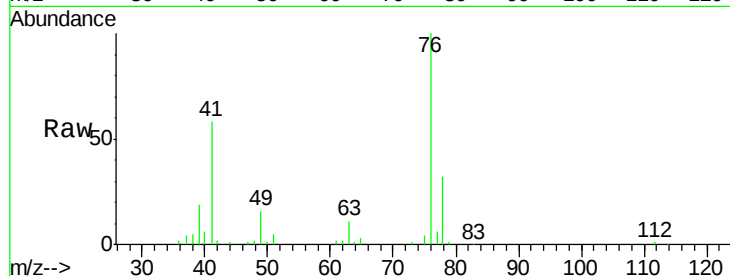




#57  
 1,3-Dichloropropane  
 Concen: 20.492 ug/l  
 RT: 11.43 min Scan# 1017  
 Delta R.T. 0.04 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

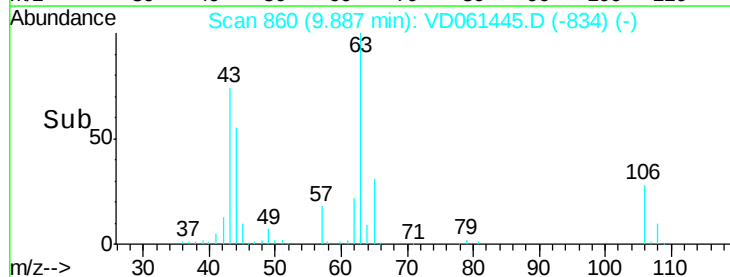
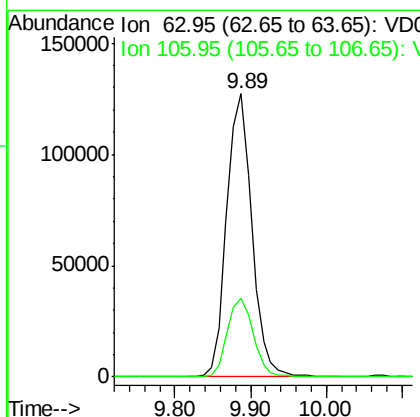
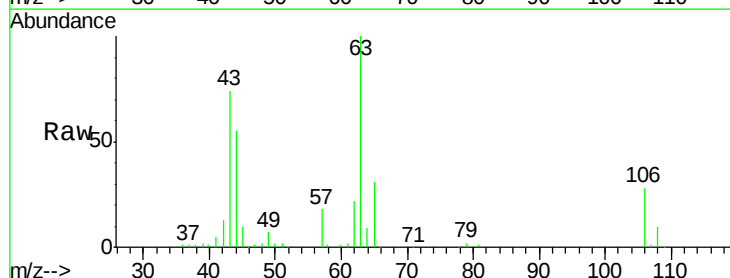
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0331SBS01

Tgt Ion: 76 Resp: 159561  
 Ion Ratio Lower Upper  
 76 100  
 78 31.7 25.4 38.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 105.793 ug/l  
 RT: 9.89 min Scan# 860  
 Delta R.T. 0.05 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Tgt Ion: 63 Resp: 293212  
 Ion Ratio Lower Upper  
 63 100  
 106 27.6 22.4 33.6

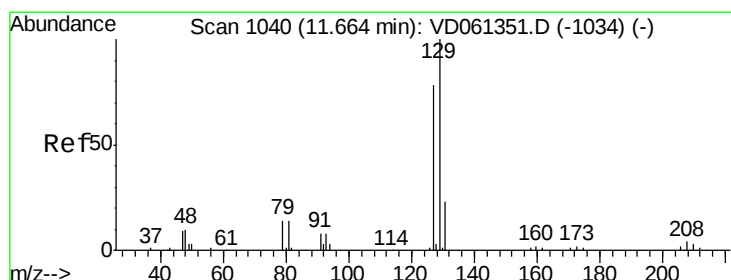
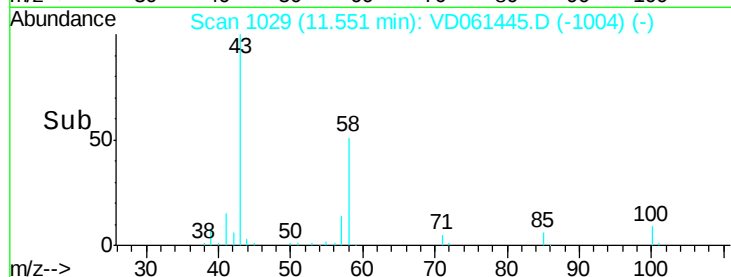
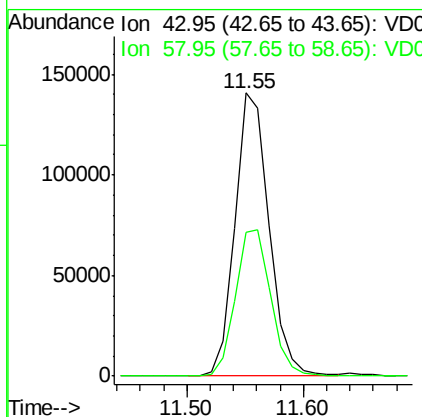
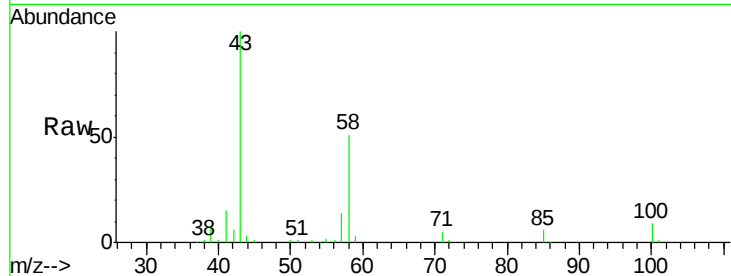




#59  
2-Hexanone  
Concen: 104.843 ug/l  
RT: 11.55 min Scan# 1029  
Delta R.T. 0.04 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

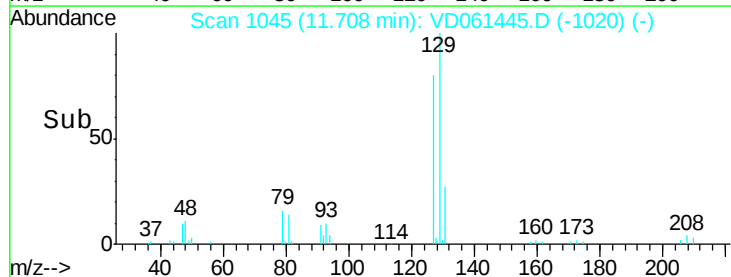
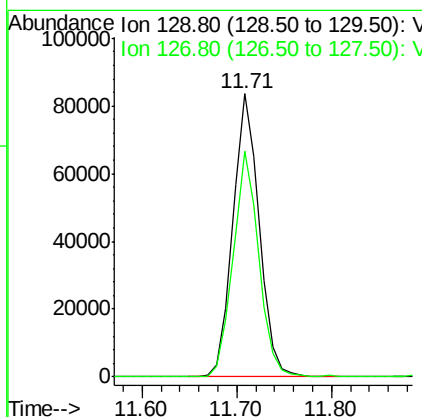
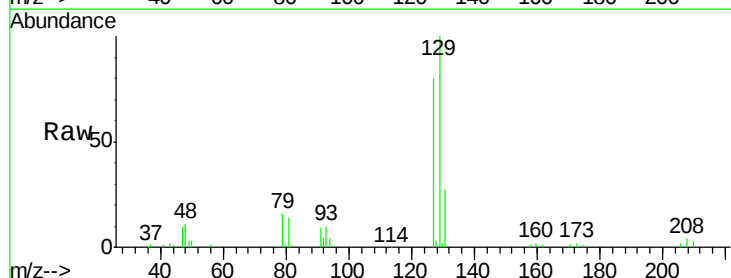
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

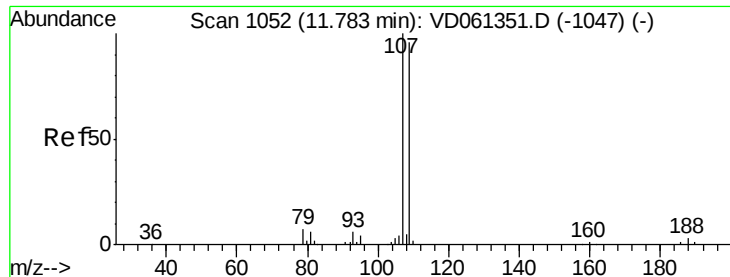
Tgt Ion: 43 Resp: 284515  
Ion Ratio Lower Upper  
43 100  
58 51.0 26.3 78.9



#60  
Dibromochloromethane  
Concen: 19.643 ug/l  
RT: 11.71 min Scan# 1045  
Delta R.T. 0.04 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion: 129 Resp: 160421  
Ion Ratio Lower Upper  
129 100  
127 79.7 39.0 116.9

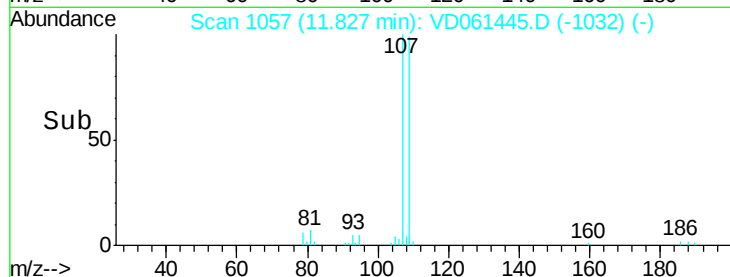
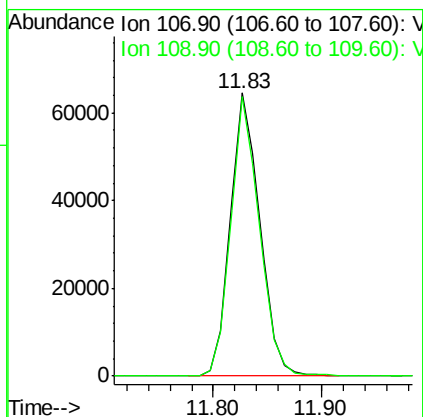
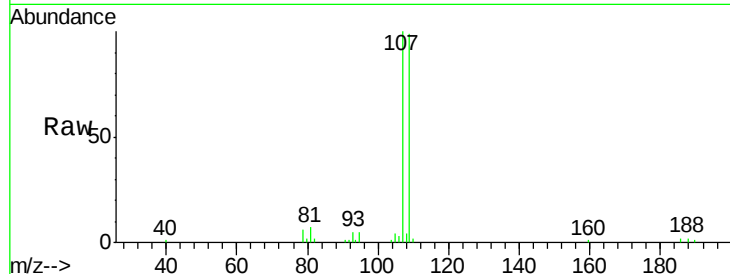




#61  
 1,2-Dibromoethane  
 Concen: 19.914 ug/l  
 RT: 11.83 min Scan# 1057  
 Delta R.T. 0.04 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

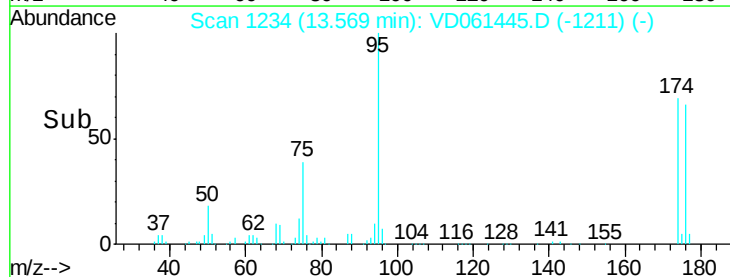
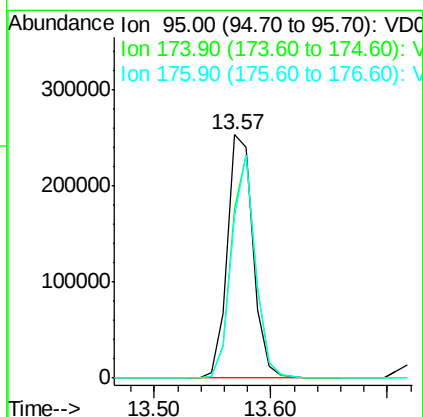
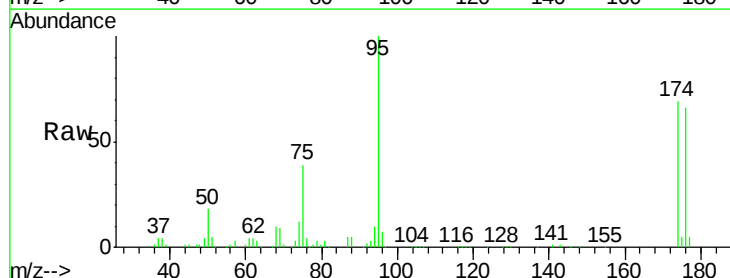
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0331SBS01

Tgt Ion: 107 Resp: 122164  
 Ion Ratio Lower Upper  
 107 100  
 109 98.5 76.6 114.8



#62  
 4-Bromofluorobenzene  
 Concen: 19.914 ug/l  
 RT: 13.57 min Scan# 1234  
 Delta R.T. 0.02 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Tgt Ion: 95 Resp: 387300  
 Ion Ratio Lower Upper  
 95 100  
 174 69.4 0.0 178.0  
 176 66.4 0.0 175.0

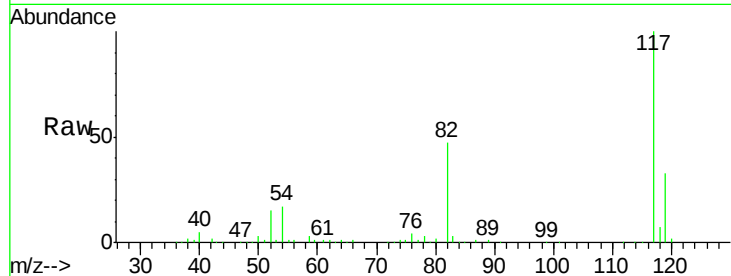




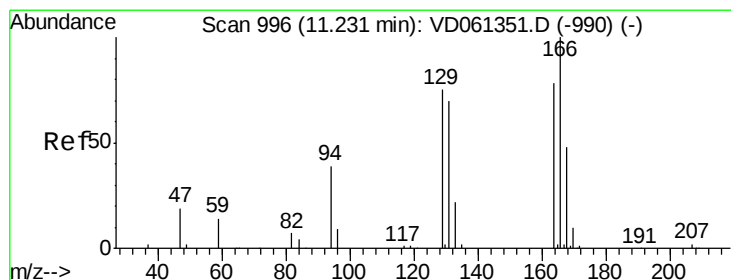
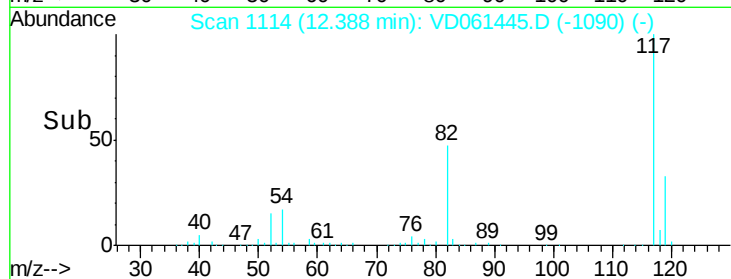
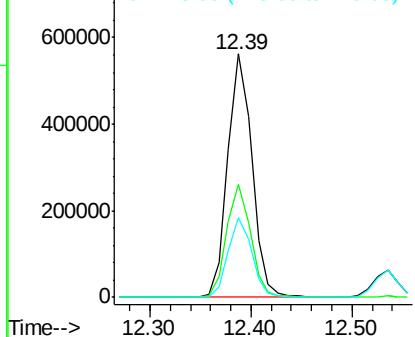
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. 0.03 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

Tgt Ion:117 Resp: 941526  
Ion Ratio Lower Upper  
117 100  
82 46.6 34.4 51.6  
119 32.6 25.8 38.6



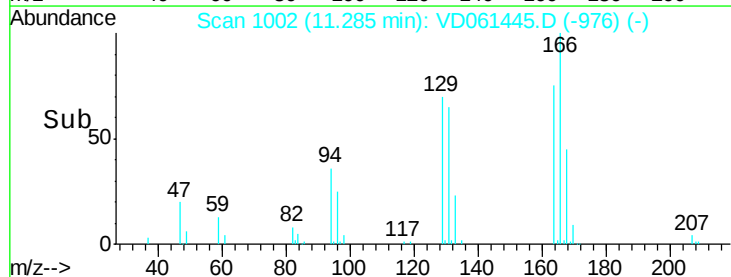
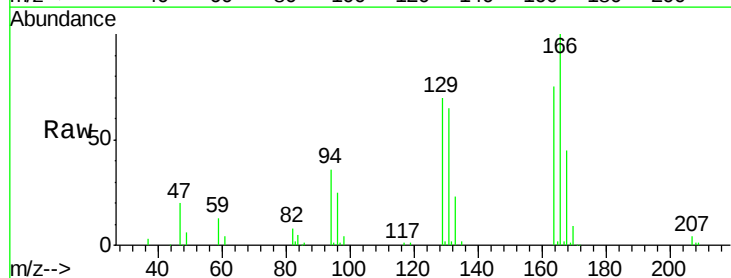
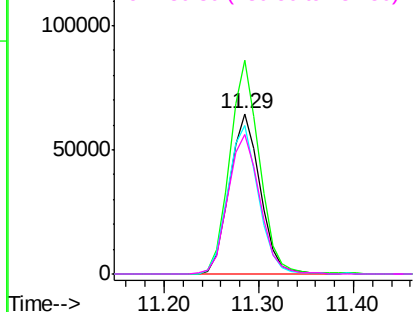
Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

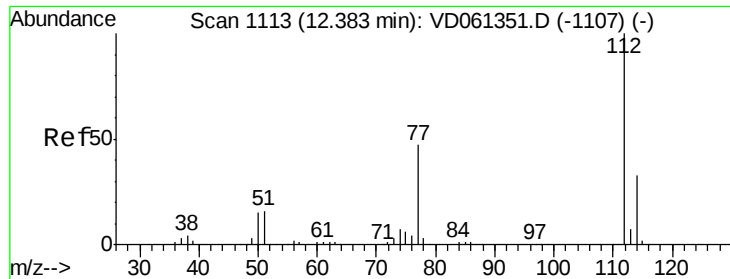


#64  
Tetrachloroethene  
Concen: 19.546 ug/l  
RT: 11.29 min Scan# 1002  
Delta R.T. 0.05 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion:164 Resp: 144433  
Ion Ratio Lower Upper  
164 100  
166 133.4 102.4 153.6  
129 93.1 76.8 115.2  
131 87.1 71.8 107.6

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

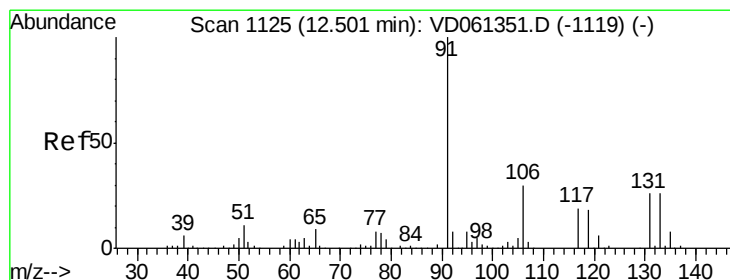
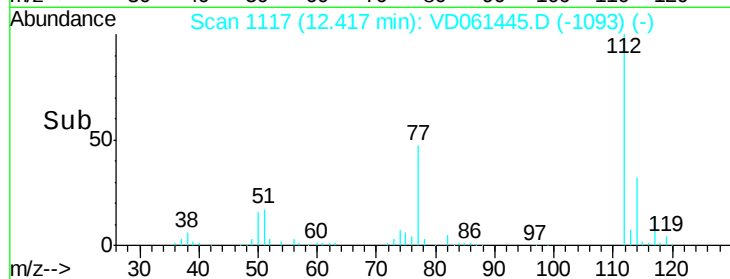
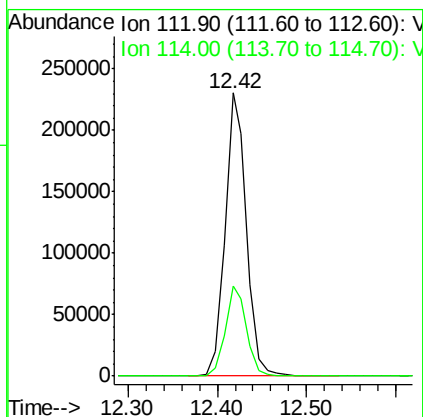
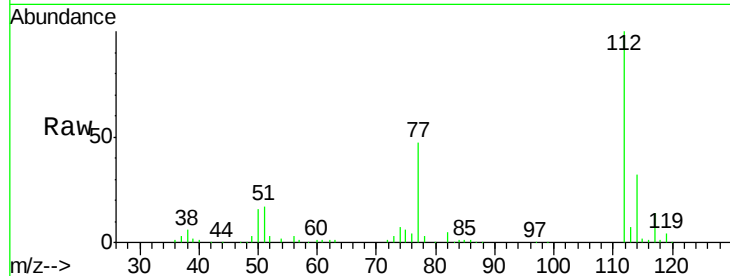




#65  
Chlorobenzene  
Concen: 20.085 ug/l  
RT: 12.42 min Scan# 1117  
Delta R.T. 0.03 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

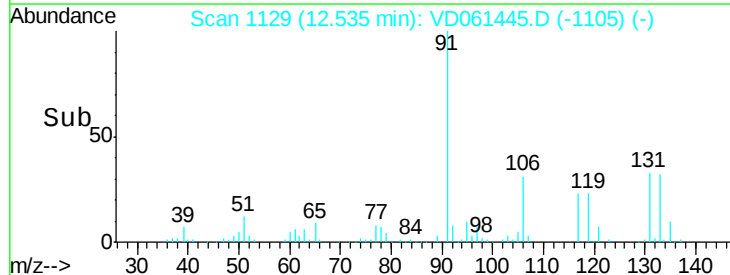
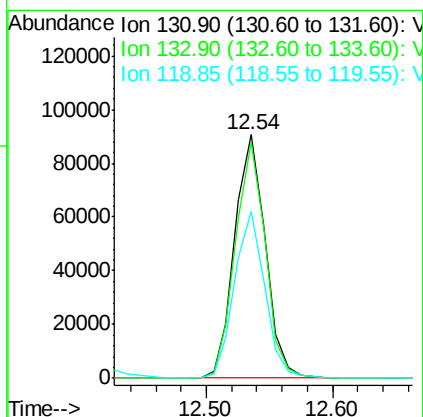
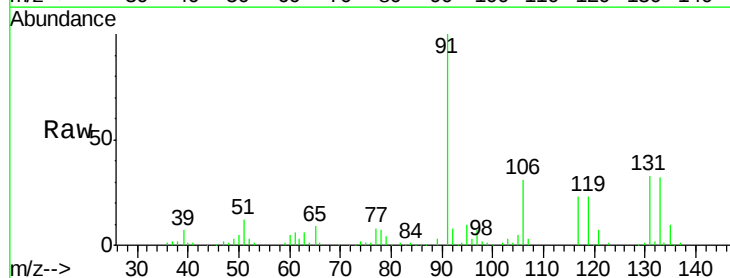
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

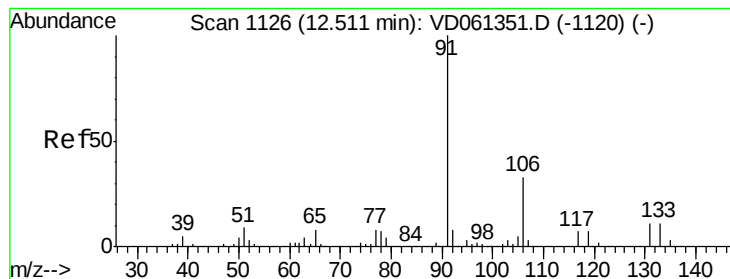
Tgt Ion:112 Resp: 386468  
Ion Ratio Lower Upper  
112 100  
114 31.8 26.6 39.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.426 ug/l  
RT: 12.54 min Scan# 1129  
Delta R.T. 0.03 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion:131 Resp: 152176  
Ion Ratio Lower Upper  
131 100  
133 97.0 49.4 148.2  
119 68.6 34.1 102.2





#67

Ethyl Benzene

Concen: 20.855 ug/l

RT: 12.55 min Scan# 1130

Delta R.T. 0.03 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

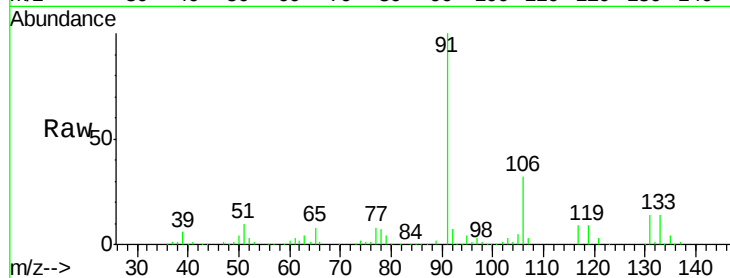
VD0331SBS01

Tgt Ion: 91 Resp: 612517

Ion Ratio Lower Upper

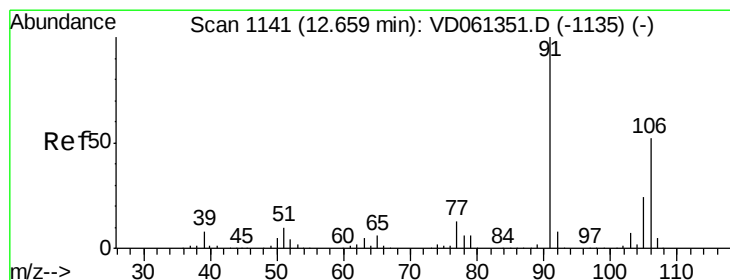
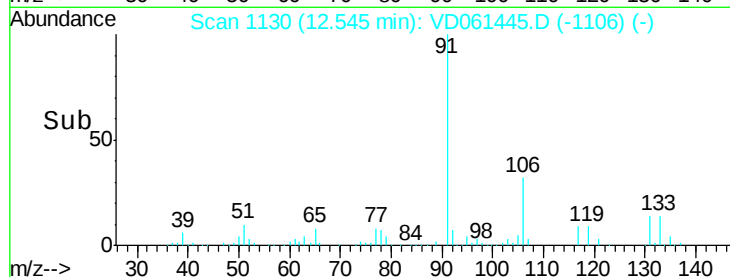
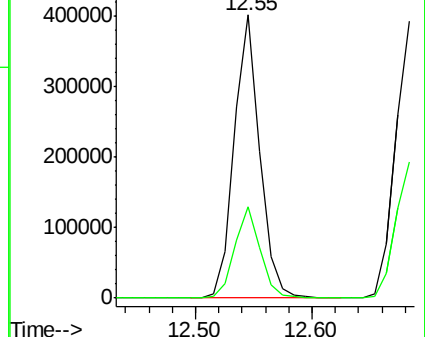
91 100

106 32.4 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V



#68

m/p-Xylenes

Concen: 39.897 ug/l

RT: 12.69 min Scan# 1145

Delta R.T. 0.03 min

Lab File: VD061445.D

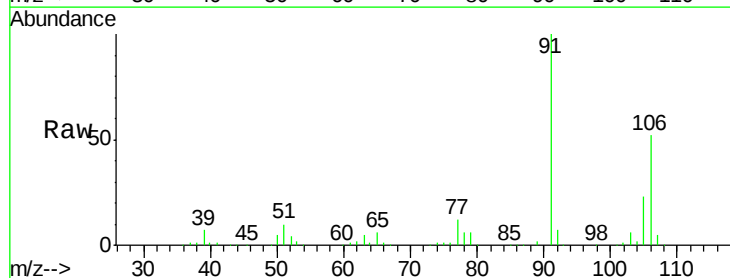
Acq: 31 Mar 2019 14:28

Tgt Ion: 106 Resp: 443871

Ion Ratio Lower Upper

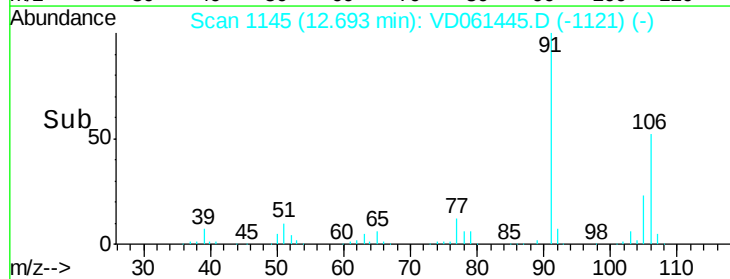
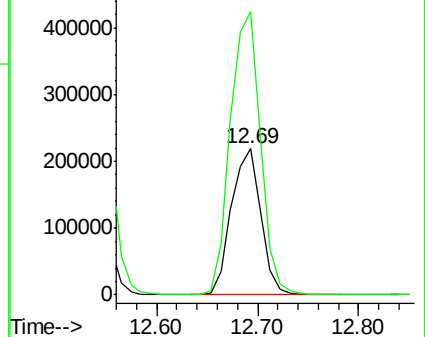
106 100

91 194.1 153.1 229.7



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): V

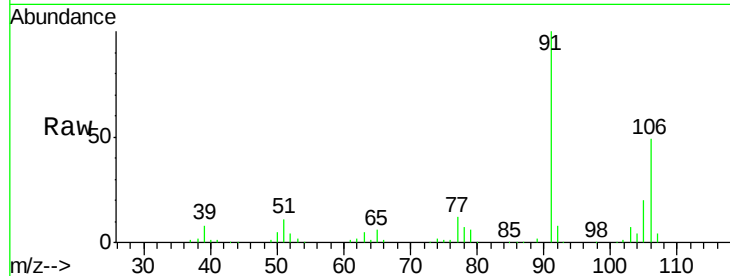




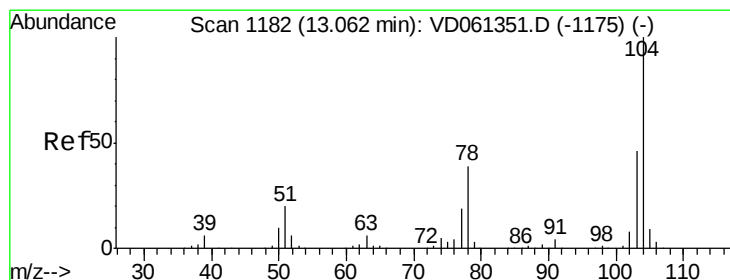
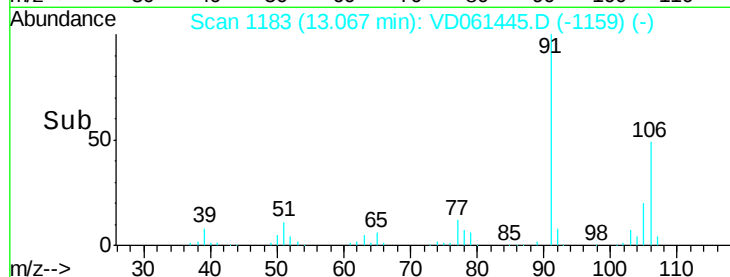
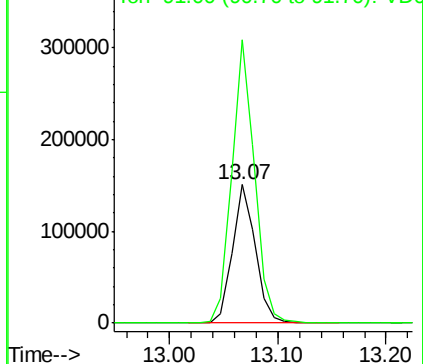
#69  
o-Xylene  
Concen: 20.734 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. 0.03 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

Tgt Ion:106 Resp: 223852  
Ion Ratio Lower Upper  
106 100  
91 204.5 103.8 311.3

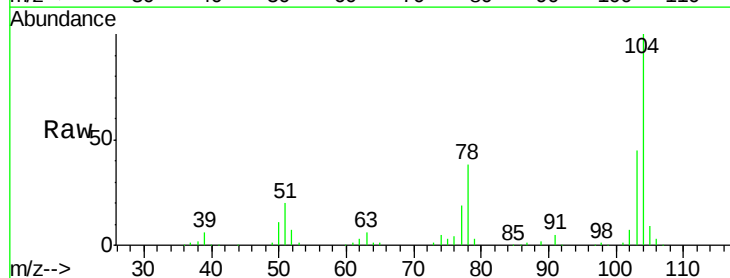


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

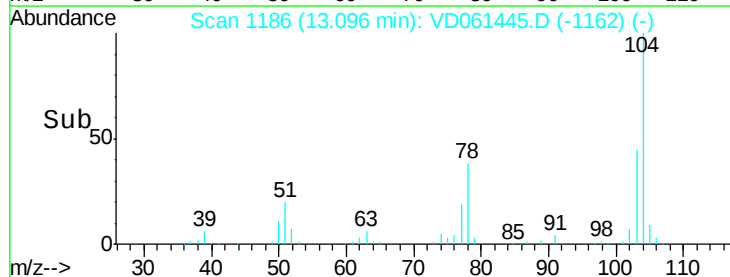
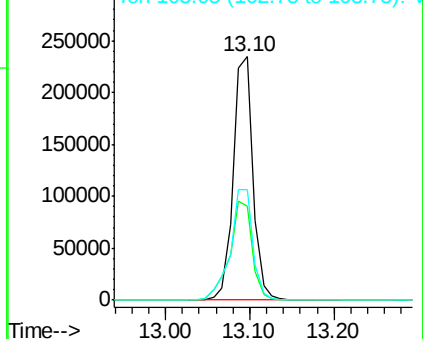


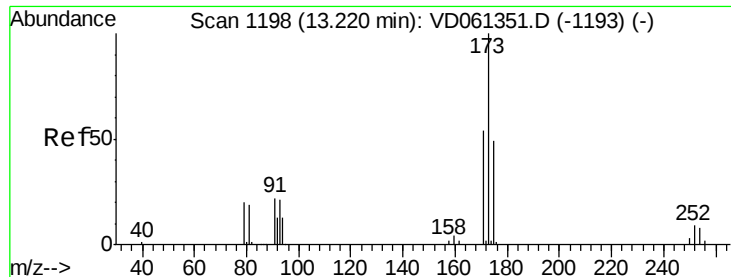
#70  
Styrene  
Concen: 20.210 ug/l  
RT: 13.10 min Scan# 1186  
Delta R.T. 0.03 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion:104 Resp: 380350  
Ion Ratio Lower Upper  
104 100  
78 38.4 31.0 46.6  
103 45.4 37.0 55.4



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





#71

Bromoform

Concen: 20.561 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. 0.03 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

VD0331SBS01

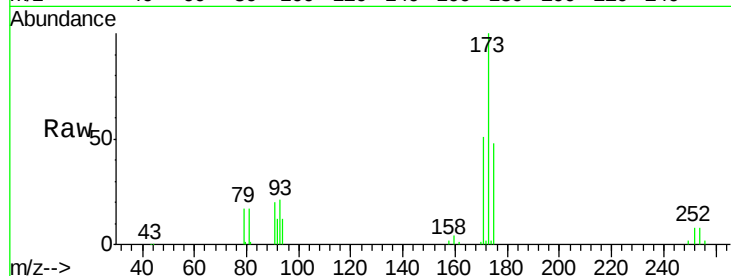
Tgt Ion:173 Resp: 97102

Ion Ratio Lower Upper

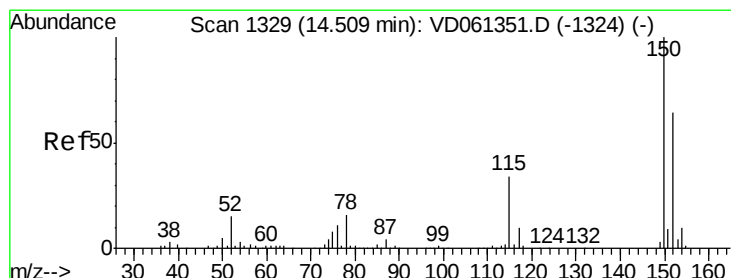
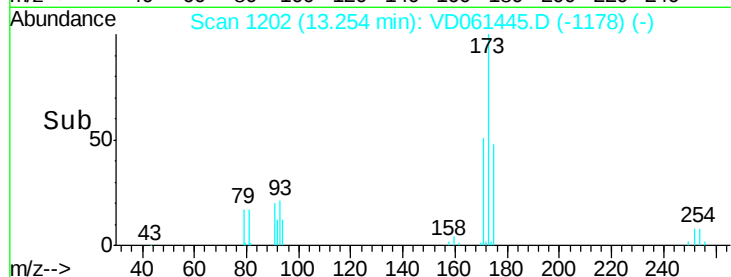
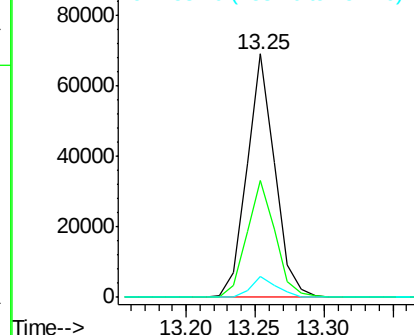
173 100

175 47.9 24.6 73.8

254 8.5 6.6 10.0



Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

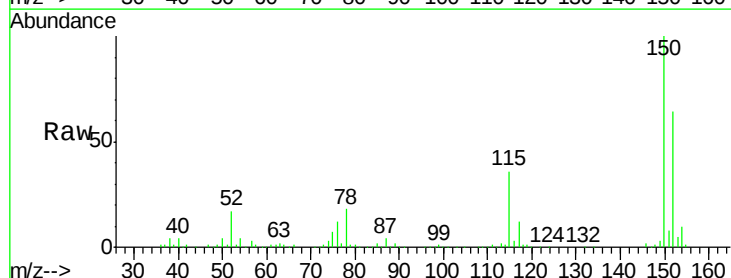
Tgt Ion:152 Resp: 399142

Ion Ratio Lower Upper

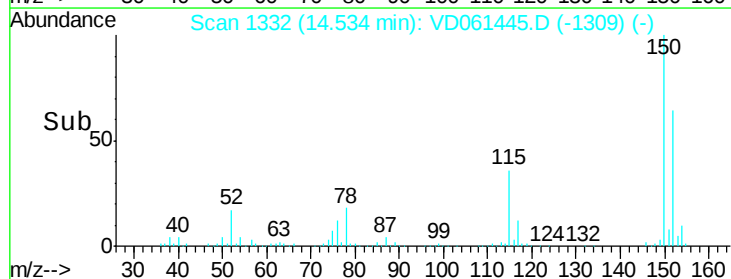
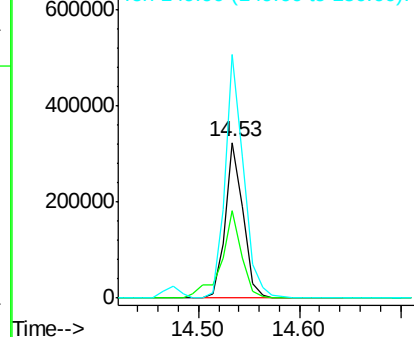
152 100

115 56.5 26.9 80.6

150 156.3 0.0 318.0



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.308 ug/l

RT: 13.42 min Scan# 1219

Delta R.T. 0.03 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

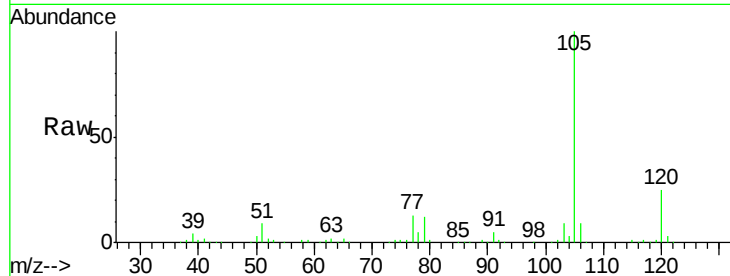
VD0331SBS01

Tgt Ion:105 Resp: 619705

Ion Ratio Lower Upper

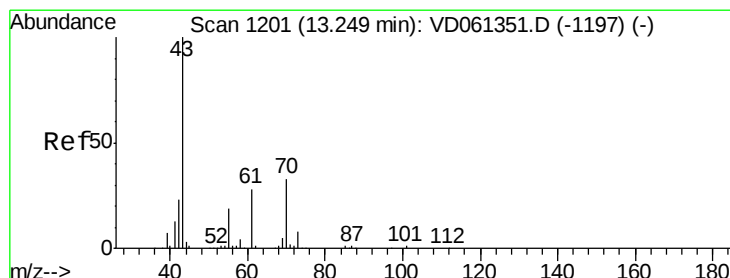
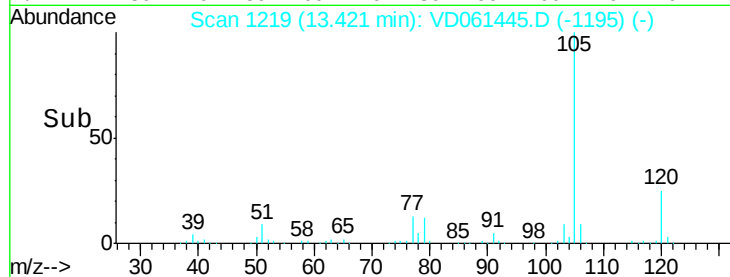
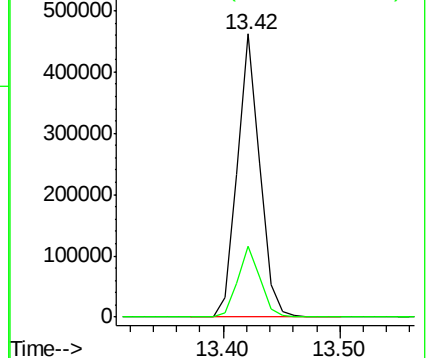
105 100

120 25.1 12.8 38.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 21.385 ug/l

RT: 13.28 min Scan# 1205

Delta R.T. 0.03 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Tgt Ion: 43 Resp: 165490

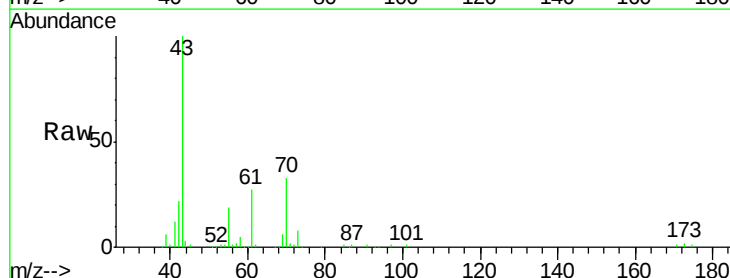
Ion Ratio Lower Upper

43 100

70 32.9 26.6 40.0

55 19.0 15.4 23.2

61 27.1 22.2 33.4

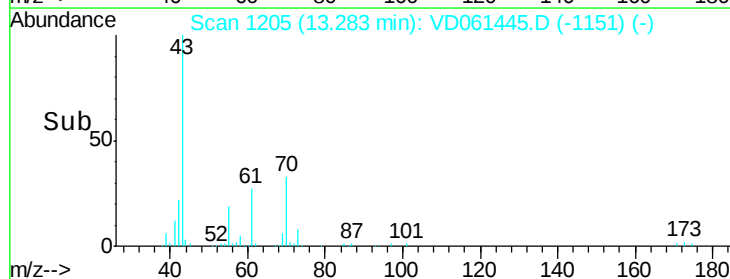
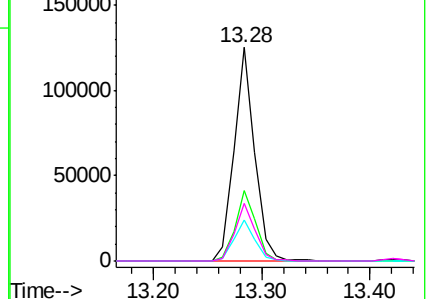


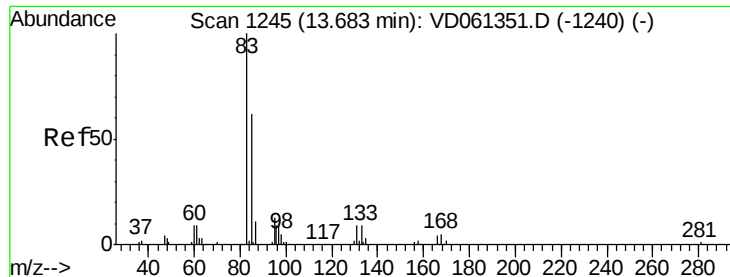
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 21.663 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. 0.03 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

VD0331SBS01

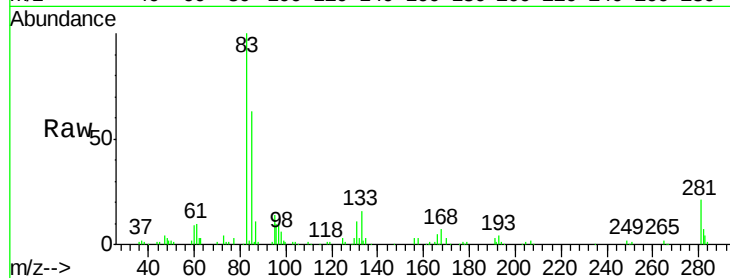
Tgt Ion: 83 Resp: 126948

Ion Ratio Lower Upper

83 100

131 10.6 4.3 13.1

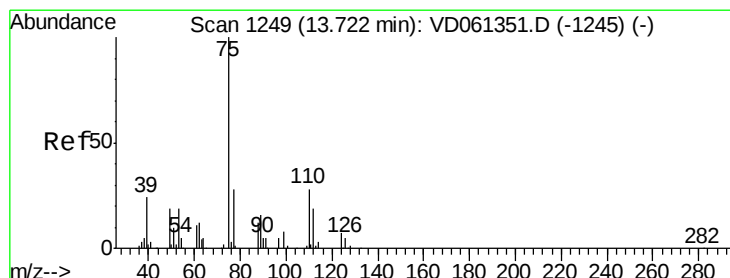
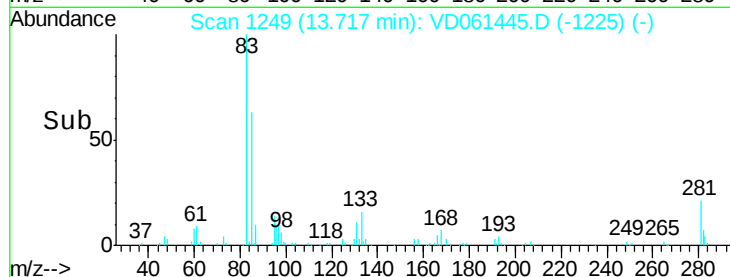
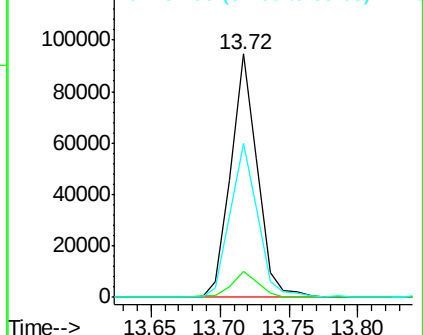
85 63.4 31.2 93.6



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: 22.384 ug/l

RT: 13.75 min Scan# 1252

Delta R.T. 0.02 min

Lab File: VD061445.D

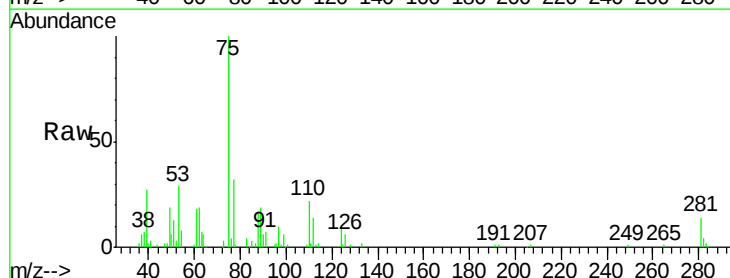
Acq: 31 Mar 2019 14:28

Tgt Ion: 75 Resp: 129058

Ion Ratio Lower Upper

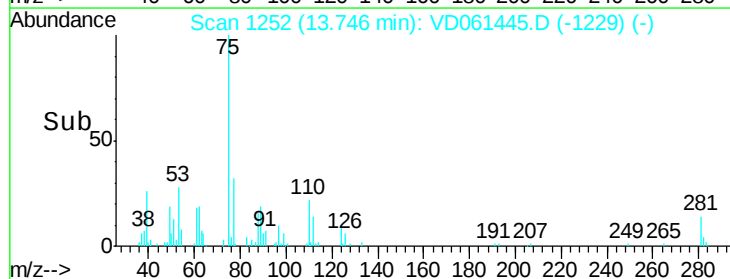
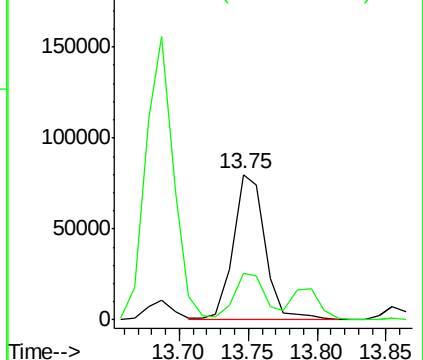
75 100

77 31.7 16.2 48.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 21.015 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. 0.03 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

VD0331SBS01

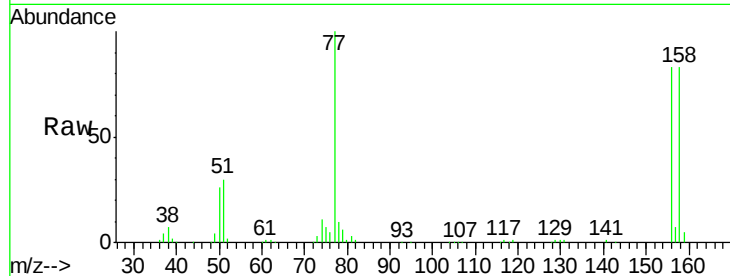
Tgt Ion: 156 Resp: 173072

Ion Ratio Lower Upper

156 100

77 120.5 68.5 205.6

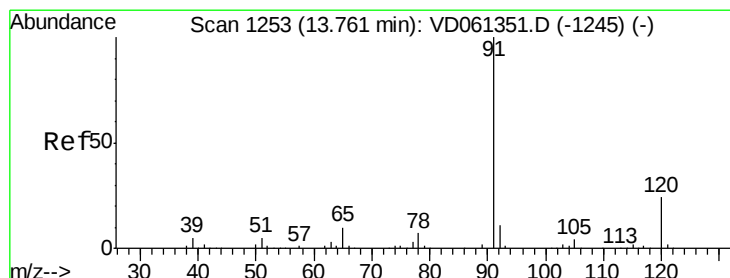
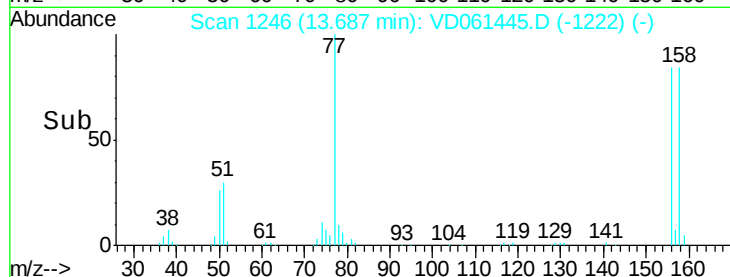
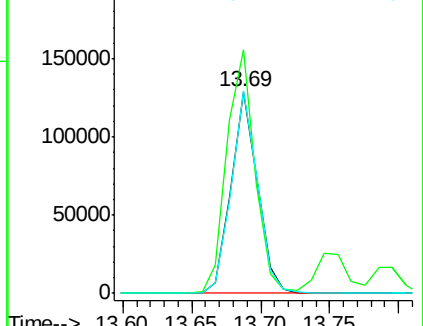
158 100.0 49.1 147.3



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 22.090 ug/l

RT: 13.79 min Scan# 1256

Delta R.T. 0.02 min

Lab File: VD061445.D

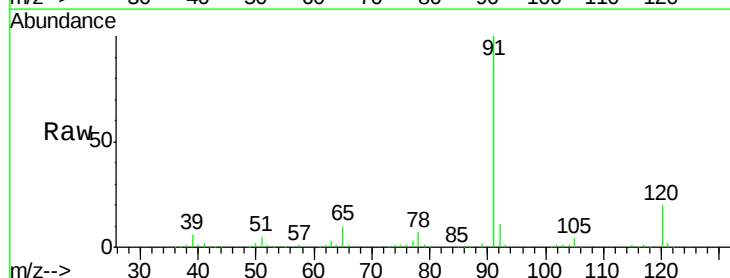
Acq: 31 Mar 2019 14:28

Tgt Ion: 91 Resp: 750981

Ion Ratio Lower Upper

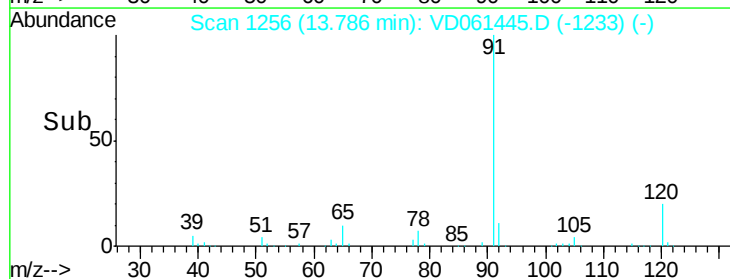
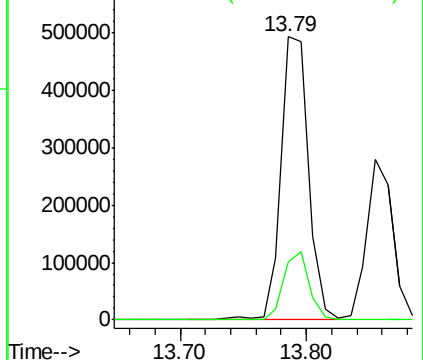
91 100

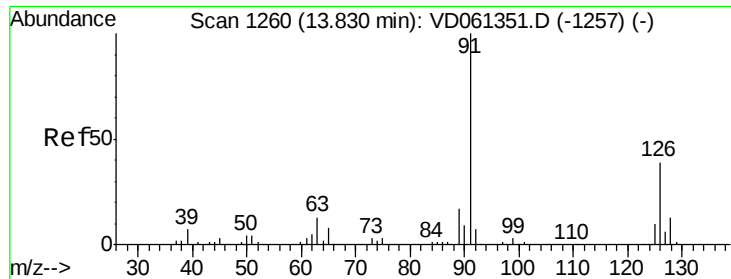
120 20.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

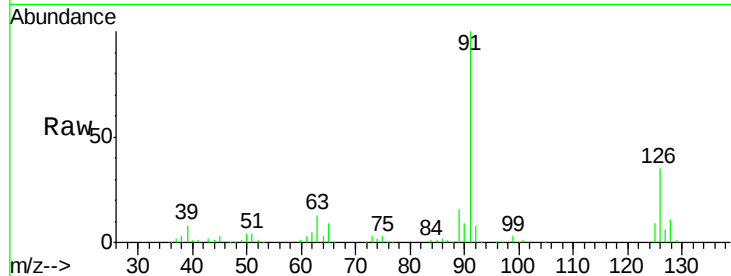




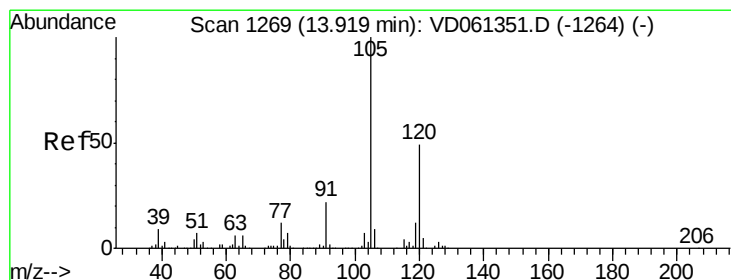
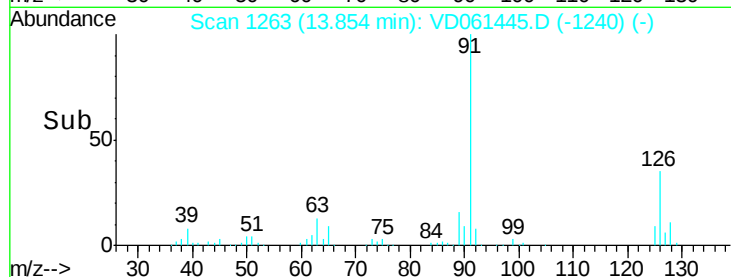
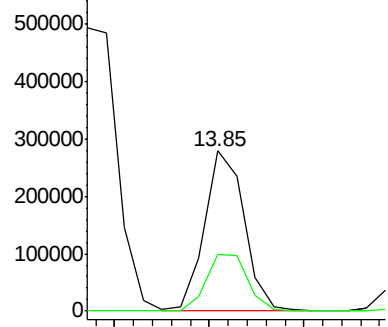
#79  
 2-Chlorotoluene  
 Concen: 21.650 ug/l  
 RT: 13.85 min Scan# 1263  
 Delta R.T. 0.02 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0331SBS01

Tgt Ion: 91 Resp: 399646  
 Ion Ratio Lower Upper  
 91 100  
 126 35.5 19.4 58.2

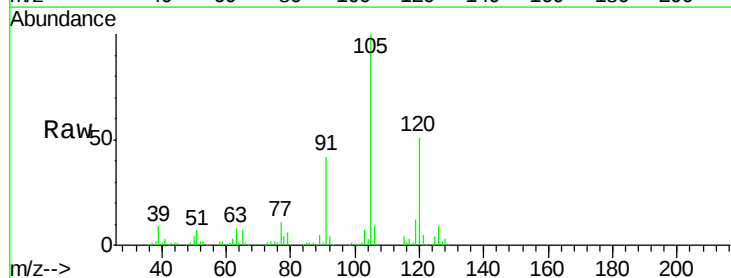


Abundance Ion 91.00 (90.70 to 91.70): VD061351.D (-1257) (-)  
 Ion 125.95 (125.65 to 126.65): VD061351.D (-1257) (-)

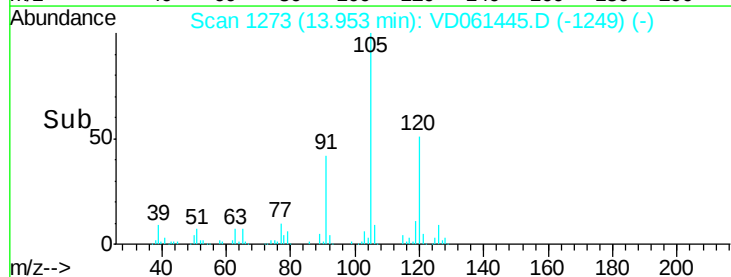
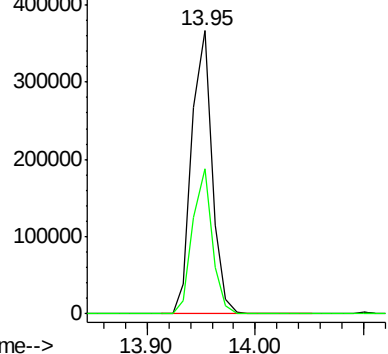


#80  
 1,3,5-Trimethylbenzene  
 Concen: 22.246 ug/l  
 RT: 13.95 min Scan# 1273  
 Delta R.T. 0.03 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Tgt Ion: 105 Resp: 479489  
 Ion Ratio Lower Upper  
 105 100  
 120 51.2 24.6 73.6



Abundance Ion 105.05 (104.75 to 105.75): VD061351.D (-1264) (-)  
 Ion 120.05 (119.75 to 120.75): VD061351.D (-1264) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.739 ug/l

RT: 13.49 min Scan# 1226

Delta R.T. 0.03 min

Lab File: VD061445.D

Acq: 31 Mar 2019 14:28

Instrument :

MSVOA\_D

ClientSampleId :

VD0331SBS01

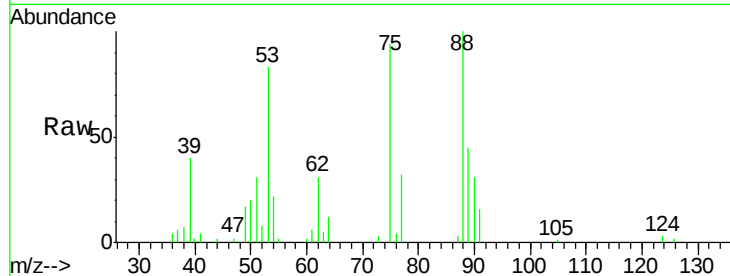
Tgt Ion: 75 Resp: 32942

Ion Ratio Lower Upper

75 100

53 88.8 63.8 95.8

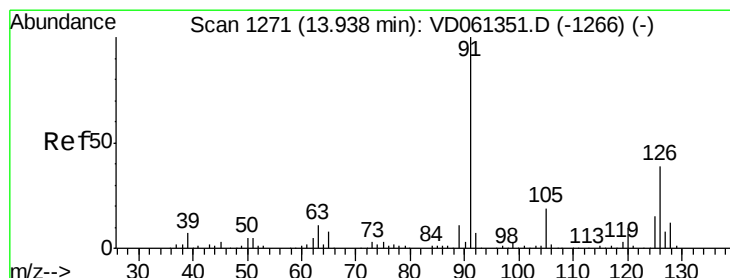
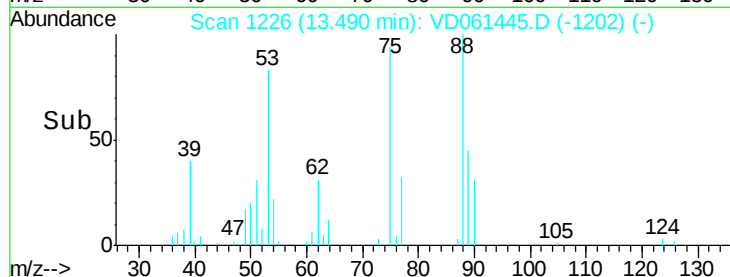
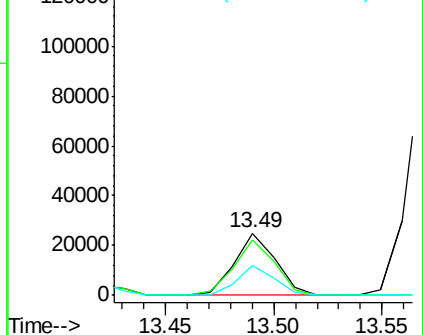
89 48.2 30.5 45.7#



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: 21.598 ug/l

RT: 13.96 min Scan# 1274

Delta R.T. 0.02 min

Lab File: VD061445.D

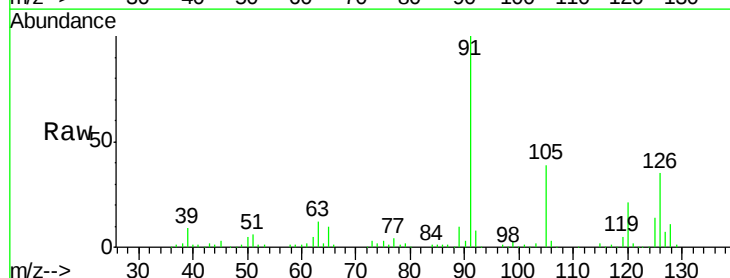
Acq: 31 Mar 2019 14:28

Tgt Ion: 91 Resp: 433502

Ion Ratio Lower Upper

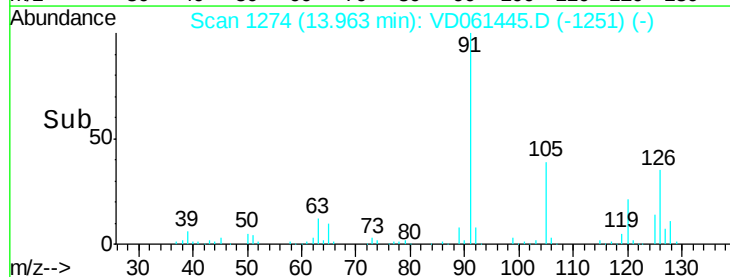
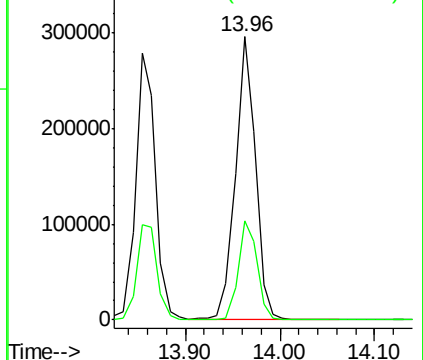
91 100

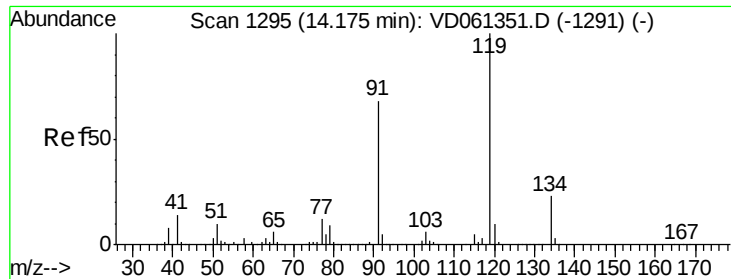
126 34.8 19.6 58.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

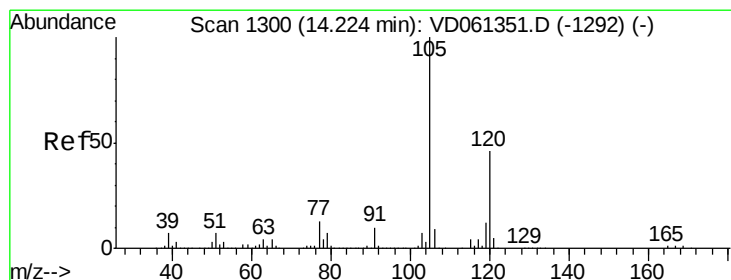
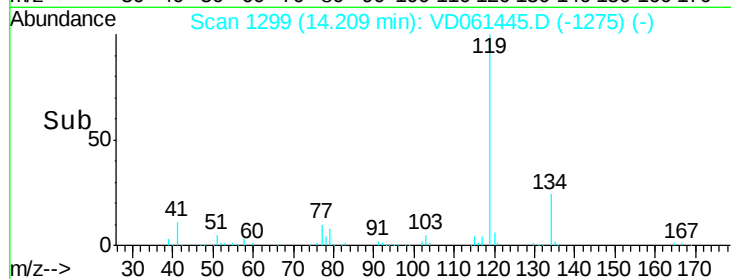
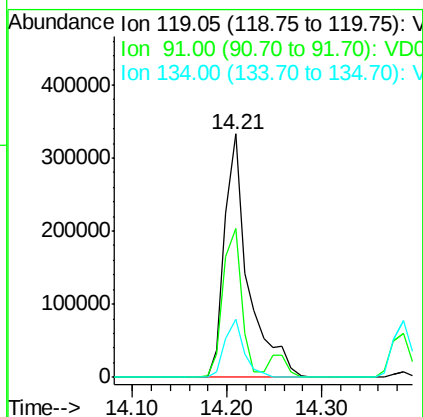
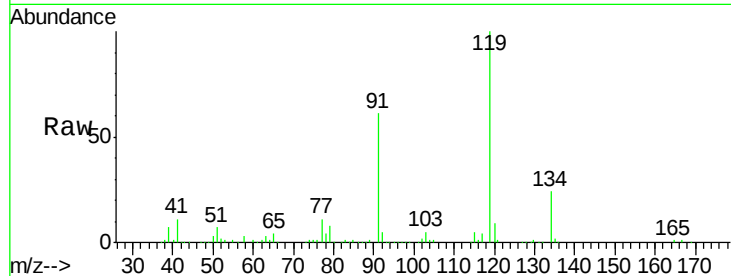




#83  
 tert-Butylbenzene  
 Concen: 21.559 ug/l  
 RT: 14.21 min Scan# 1299  
 Delta R.T. 0.03 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

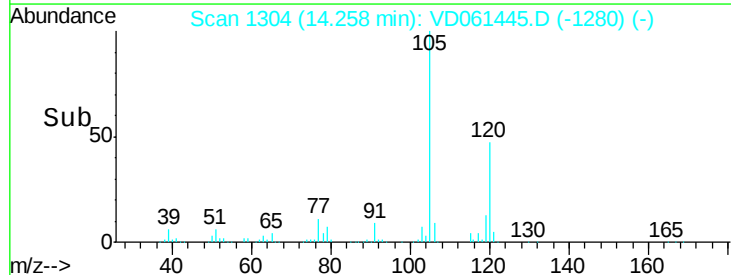
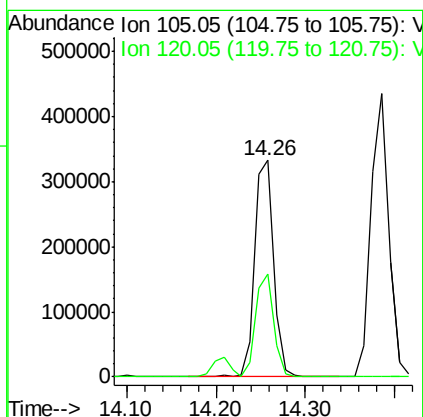
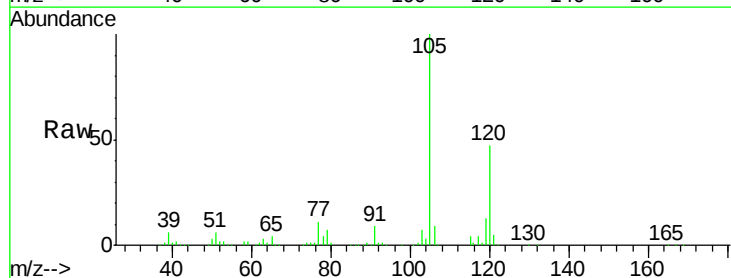
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0331SBS01

Tgt Ion:119 Resp: 580740  
 Ion Ratio Lower Upper  
 119 100  
 91 61.1 34.1 102.3  
 134 24.0 11.6 34.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.626 ug/l  
 RT: 14.26 min Scan# 1304  
 Delta R.T. 0.03 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Tgt Ion:105 Resp: 481306  
 Ion Ratio Lower Upper  
 105 100  
 120 47.5 22.8 68.4

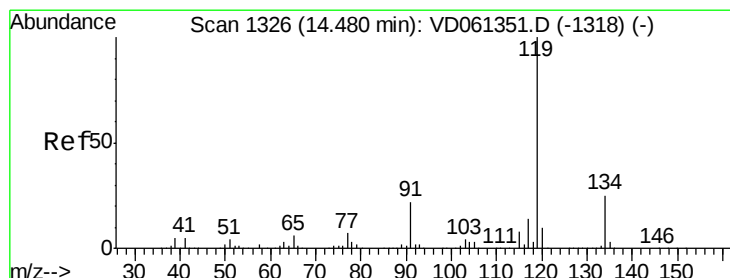
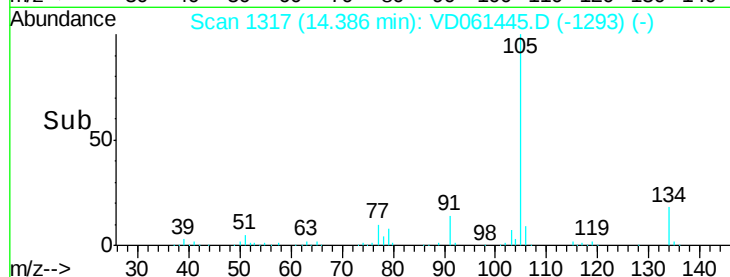
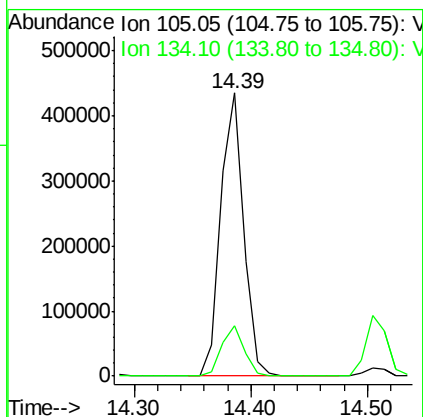
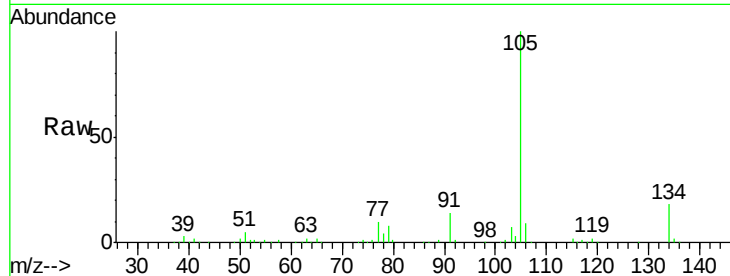




#85  
 sec-Butylbenzene  
 Concen: 20.802 ug/l  
 RT: 14.39 min Scan# 1317  
 Delta R.T. 0.03 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

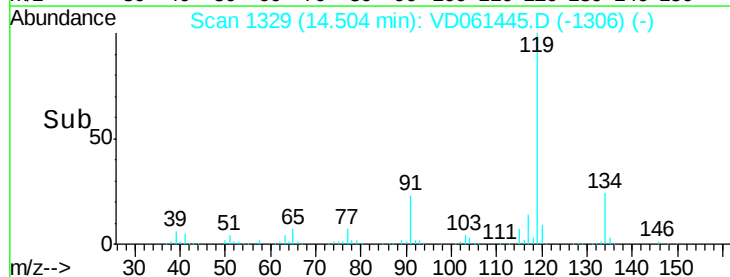
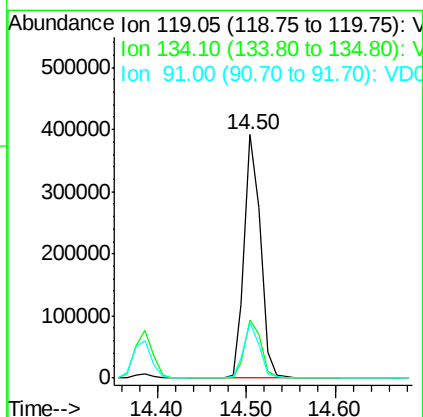
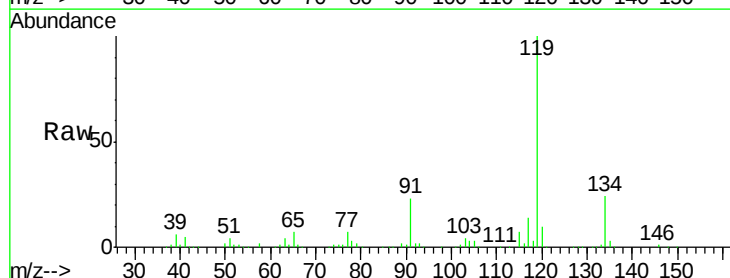
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0331SBS01

Tgt Ion:105 Resp: 595255  
 Ion Ratio Lower Upper  
 105 100  
 134 17.8 8.7 26.1



#86  
 p-Isopropyltoluene  
 Concen: 20.677 ug/l  
 RT: 14.50 min Scan# 1329  
 Delta R.T. 0.02 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Tgt Ion:119 Resp: 500339  
 Ion Ratio Lower Upper  
 119 100  
 134 24.0 12.3 36.8  
 91 22.9 11.1 33.1

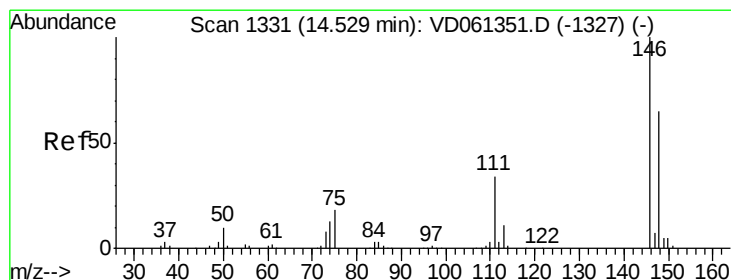
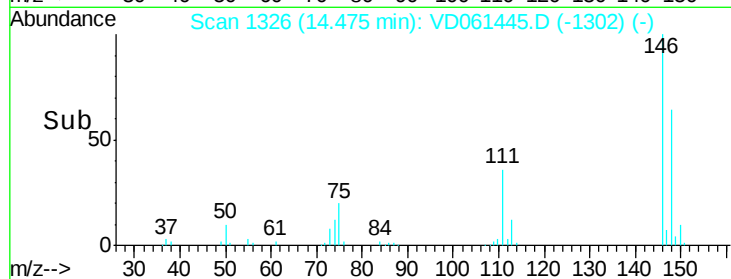
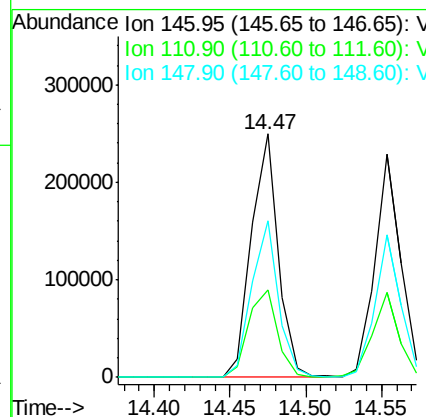
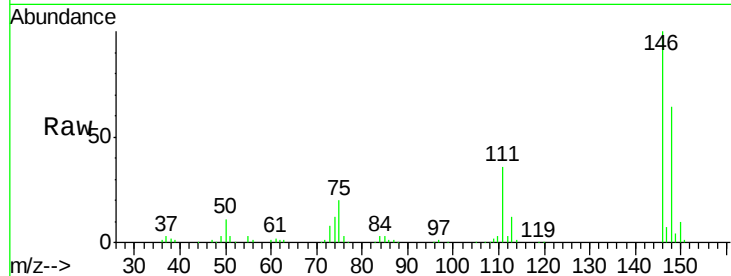




#87  
 1,3-Dichlorobenzene  
 Concen: 22.206 ug/l  
 RT: 14.47 min Scan# 1326  
 Delta R.T. 0.03 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

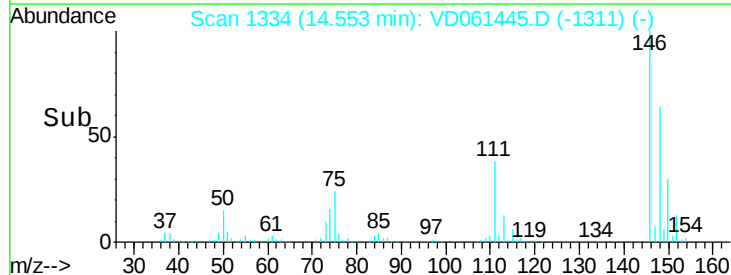
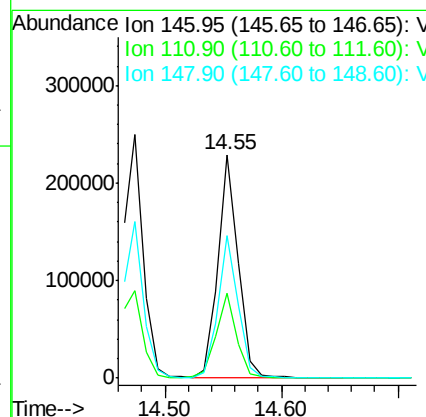
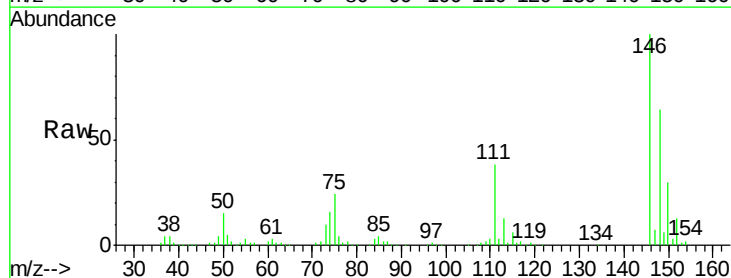
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0331SBS01

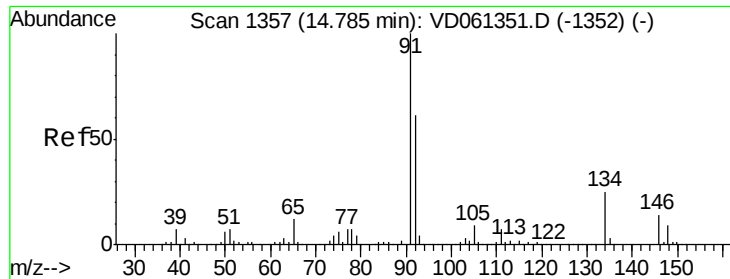
Tgt Ion:146 Resp: 309689  
 Ion Ratio Lower Upper  
 146 100  
 111 36.1 20.6 61.9  
 148 64.3 31.1 93.3



#88  
 1,4-Dichlorobenzene  
 Concen: 20.236 ug/l  
 RT: 14.55 min Scan# 1334  
 Delta R.T. 0.02 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Tgt Ion:146 Resp: 275208  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 16.8 50.4  
 148 64.0 32.6 98.0

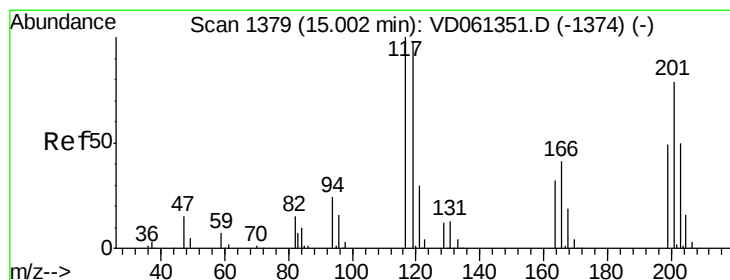
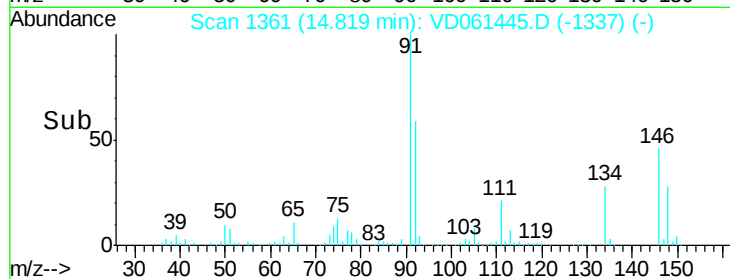
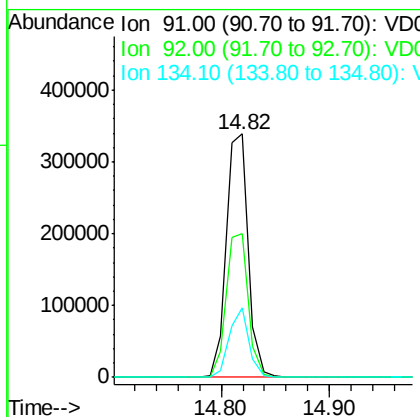
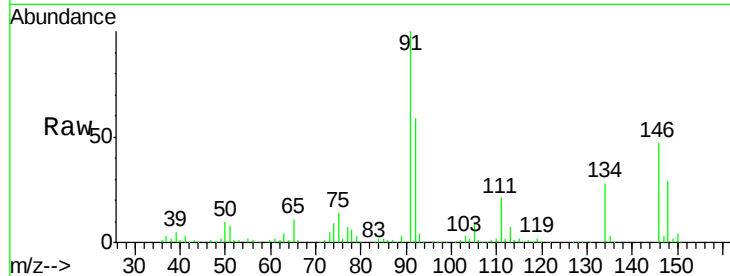




#89  
n-Butylbenzene  
Concen: 21.546 ug/l  
RT: 14.82 min Scan# 1361  
Delta R.T. 0.03 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

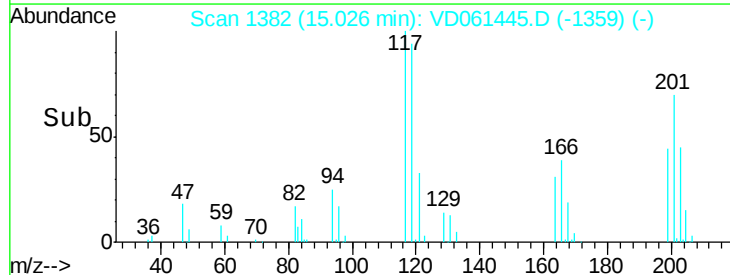
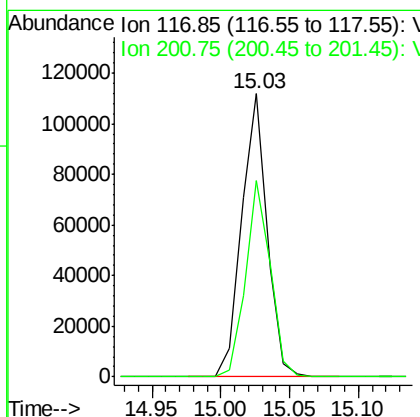
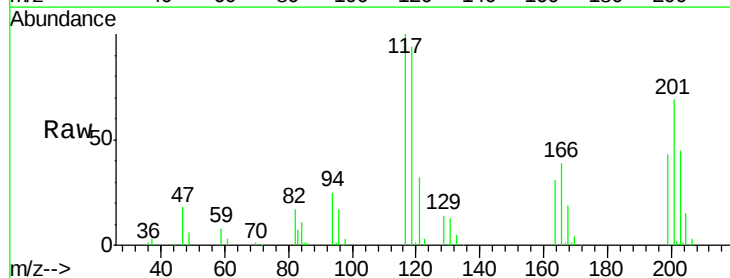
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

Tgt Ion: 91 Resp: 478532  
Ion Ratio Lower Upper  
91 100  
92 59.0 30.3 91.0  
134 28.4 12.4 37.0



#90  
Hexachloroethane  
Concen: 21.082 ug/l  
RT: 15.03 min Scan# 1382  
Delta R.T. 0.02 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion: 117 Resp: 144115  
Ion Ratio Lower Upper  
117 100  
201 69.2 39.6 119.0

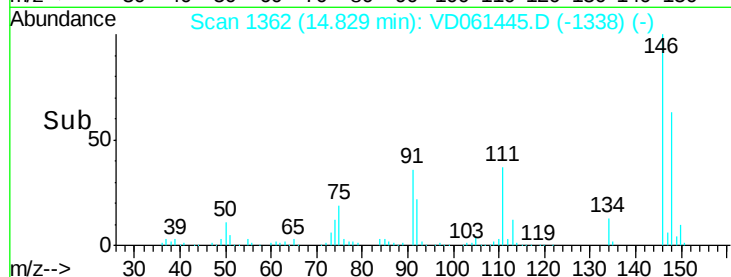
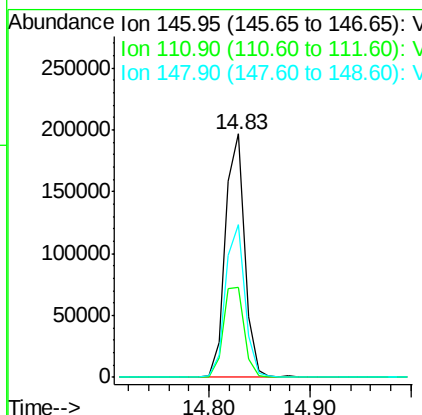
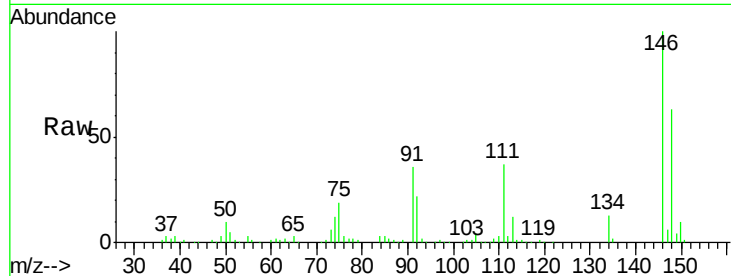




#91  
 1,2-Dichlorobenzene  
 Concen: 22.952 ug/l  
 RT: 14.83 min Scan# 1362  
 Delta R.T. 0.03 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

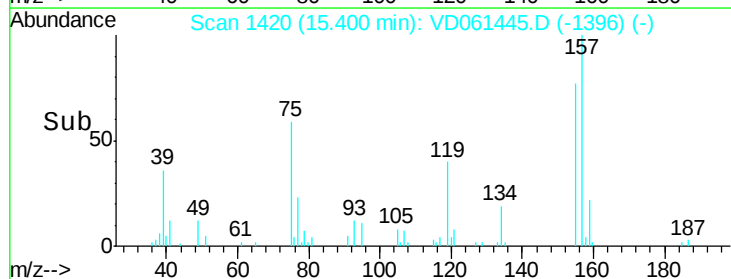
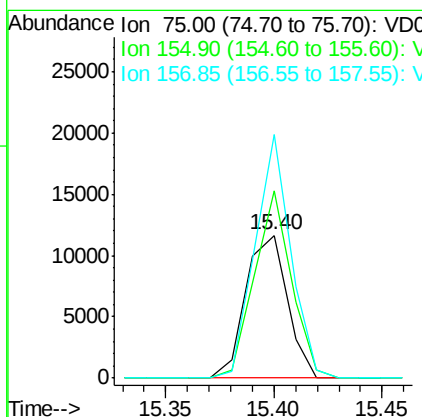
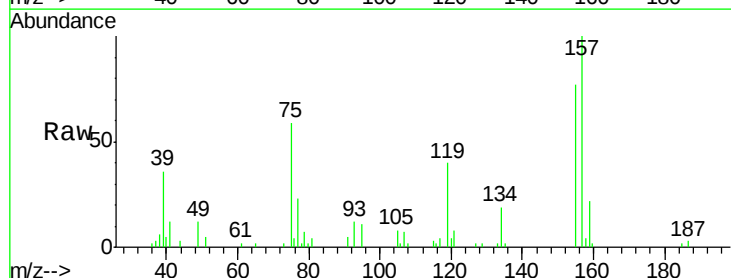
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0331SBS01

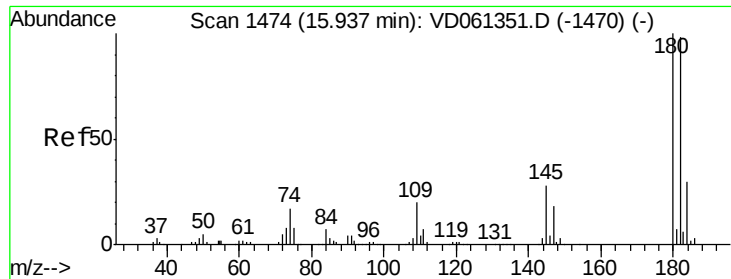
Tgt Ion:146 Resp: 262554  
 Ion Ratio Lower Upper  
 146 100  
 111 37.1 21.2 63.6  
 148 62.8 31.6 95.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 22.655 ug/l  
 RT: 15.40 min Scan# 1420  
 Delta R.T. 0.03 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Tgt Ion: 75 Resp: 15571  
 Ion Ratio Lower Upper  
 75 100  
 155 131.3 43.6 130.9#  
 157 170.1 58.5 175.3

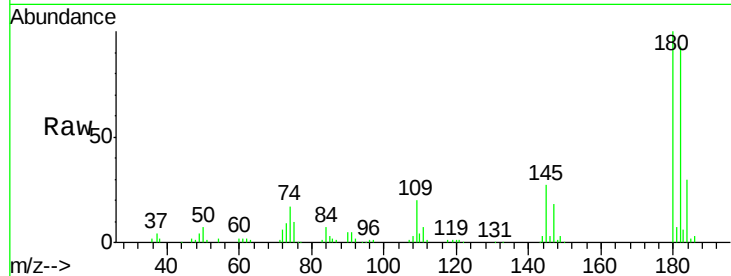




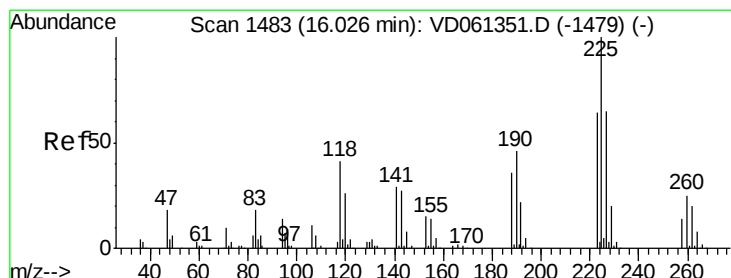
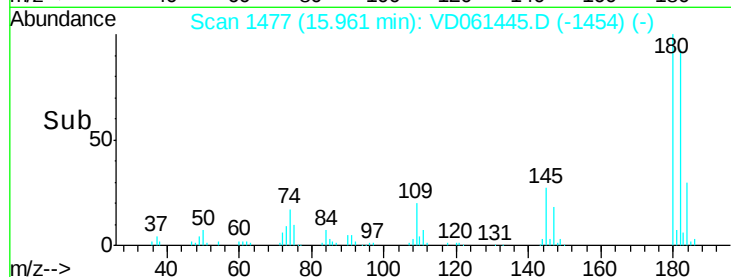
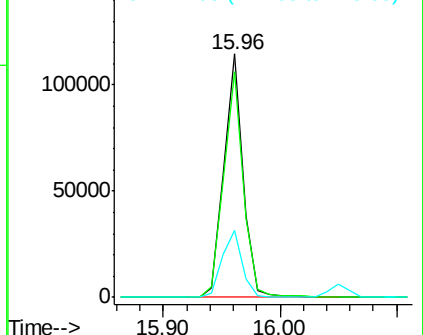
#93  
 1,2,4-Trichlorobenzene  
 Concen: 25.158 ug/l  
 RT: 15.96 min Scan# 1477  
 Delta R.T. 0.02 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0331SBS01

Tgt Ion:180 Resp: 131099  
 Ion Ratio Lower Upper  
 180 100  
 182 92.5 48.9 146.8  
 145 27.4 14.1 42.3

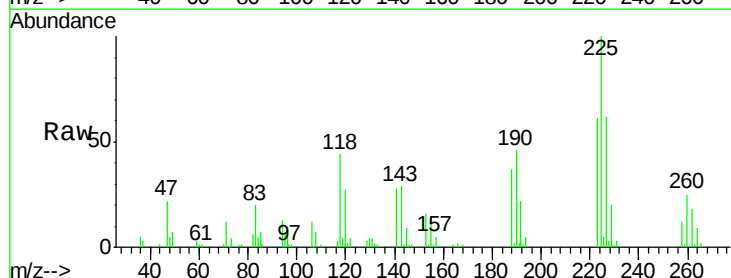


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

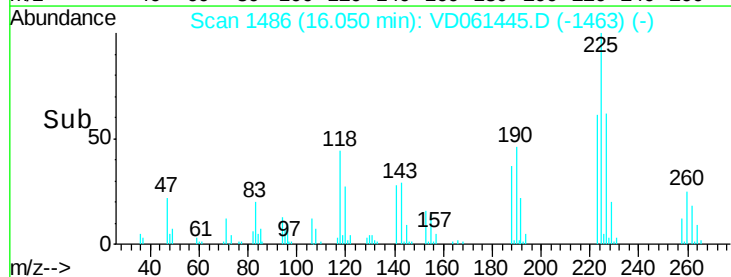
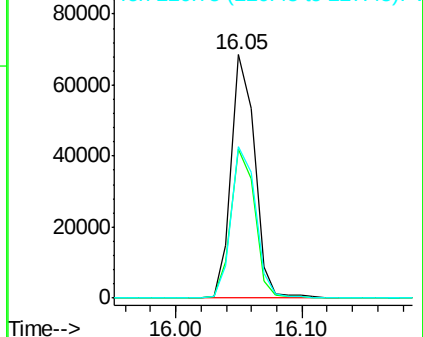


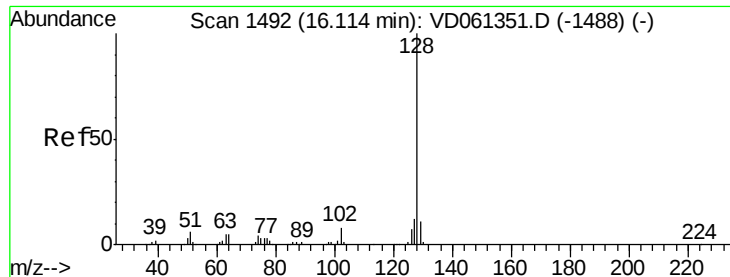
#94  
 Hexachlorobutadiene  
 Concen: 21.744 ug/l  
 RT: 16.05 min Scan# 1486  
 Delta R.T. 0.02 min  
 Lab File: VD061445.D  
 Acq: 31 Mar 2019 14:28

Tgt Ion:225 Resp: 88541  
 Ion Ratio Lower Upper  
 225 100  
 223 61.1 32.0 96.0  
 227 62.1 32.4 97.2



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

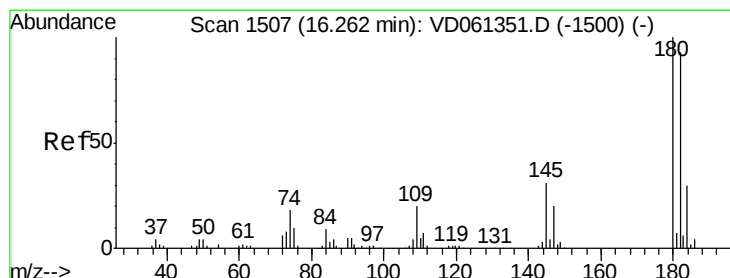
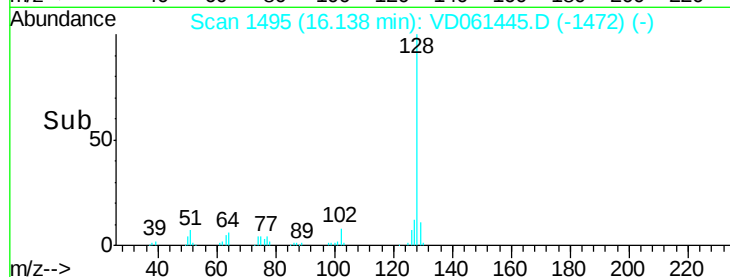
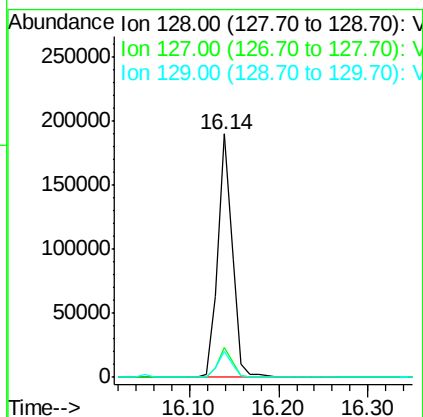
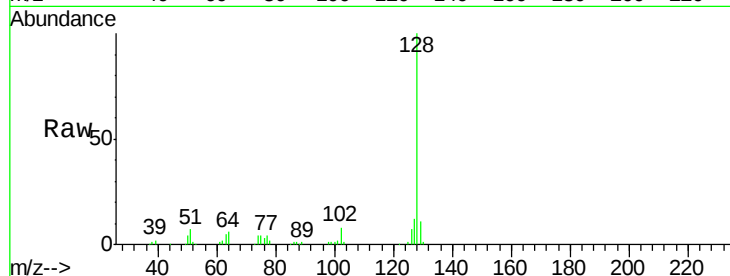




#95  
Naphthalene  
Concen: 27.150 ug/l  
RT: 16.14 min Scan# 1495  
Delta R.T. 0.02 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0331SBS01

Tgt Ion:128 Resp: 215653  
Ion Ratio Lower Upper  
128 100  
127 12.2 9.9 14.9  
129 10.5 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 33.888 ug/l  
RT: 16.29 min Scan# 1510  
Delta R.T. 0.02 min  
Lab File: VD061445.D  
Acq: 31 Mar 2019 14:28

Tgt Ion:180 Resp: 77708  
Ion Ratio Lower Upper  
180 100  
182 95.1 46.4 139.1  
145 30.8 15.3 45.9

