

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\  
 Data File : VD061826.D  
 Acq On : 17 Apr 2019 00:56  
 Operator : VA/AP  
 Sample : VD0416SBS02  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

Quant Time: Apr 17 01:36:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 16 08:53:01 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.05  | 168  | 598670   | 50.00 | ug/l  | -0.04    |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 961674   | 50.00 | ug/l  | -0.04    |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 844033   | 50.00 | ug/l  | -0.03    |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 392457   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.46   | 65   | 285247   | 56.85 | ug/l    | -0.04    |
| Spiked Amount               | 50.000 |      | Recovery | =     | 113.70% |          |
| 35) Dibromofluoromethane    | 6.92   | 113  | 413748   | 56.95 | ug/l    | -0.05    |
| Spiked Amount               | 50.000 |      | Recovery | =     | 113.90% |          |
| 50) Toluene-d8              | 10.41  | 98   | 948134   | 55.08 | ug/l    | -0.04    |
| Spiked Amount               | 50.000 |      | Recovery | =     | 110.16% |          |
| 62) 4-Bromofluorobenzene    | 13.56  | 95   | 392970   | 56.32 | ug/l    | -0.02    |
| Spiked Amount               | 50.000 |      | Recovery | =     | 112.64% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85   | 83640    | 14.314  | ug/l   | 97     |
| 3) Chloromethane              | 1.76 | 50   | 81266    | 17.451  | ug/l   | 96     |
| 4) Vinyl Chloride             | 1.85 | 62   | 74218    | 16.059  | ug/l   | 98     |
| 5) Bromomethane               | 2.15 | 94   | 15115    | 11.800  | ug/l   | 93     |
| 6) Chloroethane               | 2.27 | 64   | 23973    | 15.205  | ug/l # | 88     |
| 7) Trichlorofluoromethane     | 2.53 | 101  | 120496   | 16.076  | ug/l   | 100    |
| 8) Diethyl Ether              | 2.88 | 74   | 38421    | 19.559  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101  | 114151   | 17.080  | ug/l   | 99     |
| 10) Methyl Iodide             | 3.31 | 142  | 153669   | 16.905  | ug/l   | 96     |
| 11) Tert butyl alcohol        | 4.08 | 59   | 31248    | 105.607 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 3.13 | 96   | 97878    | 17.420  | ug/l   | 90     |
| 13) Acrolein                  | 3.04 | 56   | 32905    | 114.873 | ug/l   | 95     |
| 14) Allyl chloride            | 3.63 | 41   | 132364   | 17.283  | ug/l   | 95     |
| 15) Acrylonitrile             | 4.20 | 53   | 87767    | 94.484  | ug/l   | 89     |
| 16) Acetone                   | 3.22 | 43   | 101158   | 81.803  | ug/l   | 97     |
| 17) Carbon Disulfide          | 3.38 | 76   | 276583   | 15.235  | ug/l   | 100    |
| 18) Methyl Acetate            | 3.65 | 43   | 49560    | 19.996  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether   | 4.24 | 73   | 194655   | 18.564  | ug/l   | 99     |
| 20) Methylene Chloride        | 3.82 | 84   | 142680   | 20.507  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 4.23 | 96   | 105969   | 17.161  | ug/l   | 99     |
| 22) Diisopropyl ether         | 5.12 | 45   | 310389   | 18.960  | ug/l   | 99     |
| 23) Vinyl Acetate             | 5.06 | 43   | 830668   | 94.920  | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 4.99 | 63   | 181666   | 18.303  | ug/l   | 99     |
| 25) 2-Butanone                | 6.07 | 43   | 130735   | 92.862  | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.03 | 77   | 146751   | 17.106  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 6.04 | 96   | 134396   | 20.078  | ug/l   | 87     |
| 28) Bromochloromethane        | 6.44 | 49   | 81996    | 21.749  | ug/l   | 94     |
| 29) Tetrahydrofuran           | 6.46 | 42   | 67272    | 98.096  | ug/l   | 99     |
| 30) Chloroform                | 6.67 | 83   | 195871   | 17.693  | ug/l   | 100    |
| 31) Cyclohexane               | 6.96 | 56   | 123874   | 16.303  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 6.88 | 97   | 174736   | 17.805  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.15 | 75   | 137080   | 17.444  | ug/l   | 94     |
| 37) Ethyl Acetate             | 6.19 | 43   | 65060    | 19.344  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.12 | 117  | 162579   | 16.384  | ug/l   | 96     |

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 Sample : VD0416SBS02  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

Quant Time: Apr 17 01:36:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 16 08:53:01 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.86  | 83   | 144864   | 17.752  | ug/l   | 99       |
| 40) Benzene                    | 7.46  | 78   | 354334   | 18.781  | ug/l   | 96       |
| 41) Methacrylonitrile          | 6.45  | 41   | 81483    | 20.497  | ug/l # | 92       |
| 42) 1,2-Dichloroethane         | 7.58  | 62   | 125175   | 19.051  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 9.25  | 43   | 88523    | 18.703  | ug/l   | 95       |
| 44) Trichloroethene            | 8.55  | 130  | 129655   | 17.852  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 8.94  | 63   | 92249    | 18.772  | ug/l   | 97       |
| 46) Dibromomethane             | 9.07  | 93   | 66532    | 19.001  | ug/l   | 88       |
| 47) Bromodichloromethane       | 9.38  | 83   | 148513   | 18.384  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.12  | 41   | 51173    | 18.393  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.08  | 88   | 12552    | 412.772 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.30 | 43   | 301474   | 104.157 | ug/l   | 98       |
| 52) Toluene                    | 10.51 | 92   | 224702   | 18.586  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 138626   | 19.045  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.05 | 75   | 162947   | 19.071  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 11.19 | 97   | 78331    | 19.227  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 11.04 | 69   | 89555    | 20.029  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 11.41 | 76   | 108916   | 17.783  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 262920   | 123.626 | ug/l   | 100      |
| 59) 2-Hexanone                 | 11.53 | 43   | 211517   | 98.391  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.69 | 129  | 122664   | 18.402  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.81 | 107  | 93152    | 18.596  | ug/l   | 99       |
| 64) Tetrachloroethene          | 11.26 | 164  | 105884   | 16.728  | ug/l   | 97       |
| 65) Chlorobenzene              | 12.40 | 112  | 306572   | 19.504  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.52 | 131  | 113228   | 17.189  | ug/l   | 99       |
| 67) Ethyl Benzene              | 12.53 | 91   | 414616   | 16.471  | ug/l   | 100      |
| 68) m/p-Xylenes                | 12.66 | 106  | 366600   | 38.771  | ug/l   | 97       |
| 69) o-Xylene                   | 13.05 | 106  | 172401   | 19.398  | ug/l   | 99       |
| 70) Styrene                    | 13.08 | 104  | 298863   | 19.541  | ug/l   | 95       |
| 71) Bromoform                  | 13.23 | 173  | 72206    | 18.467  | ug/l   | 97       |
| 73) Isopropylbenzene           | 13.40 | 105  | 413058   | 16.229  | ug/l   | 99       |
| 74) N-amyl acetate             | 13.26 | 43   | 121473   | 17.748  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 88731    | 17.637  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 92950    | 18.035  | ug/l   | 98       |
| 77) Bromobenzene               | 13.67 | 156  | 126371   | 17.479  | ug/l   | 92       |
| 78) n-propylbenzene            | 13.78 | 91   | 544166   | 18.505  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 13.85 | 91   | 308255   | 17.944  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 368828   | 18.263  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 26217    | 17.973  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 350957   | 17.849  | ug/l   | 88       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 411502   | 17.353  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 367446   | 18.101  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 14.37 | 105  | 396677   | 16.182  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 426744   | 18.606  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 234328   | 18.565  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 223610   | 17.922  | ug/l   | 100      |
| 89) n-Butylbenzene             | 14.80 | 91   | 347697   | 17.126  | ug/l   | 97       |
| 90) Hexachloroethane           | 15.01 | 117  | 107924   | 17.264  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 193325   | 18.285  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 12789    | 21.076  | ug/l   | 93       |

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Acq On : 17 Apr 2019 00:56  
Operator : VA/AP  
Sample : VD0416SBS02  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0416SBS02

Quant Time: Apr 17 01:36:11 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 16 08:53:01 2019  
Response via : Initial Calibration

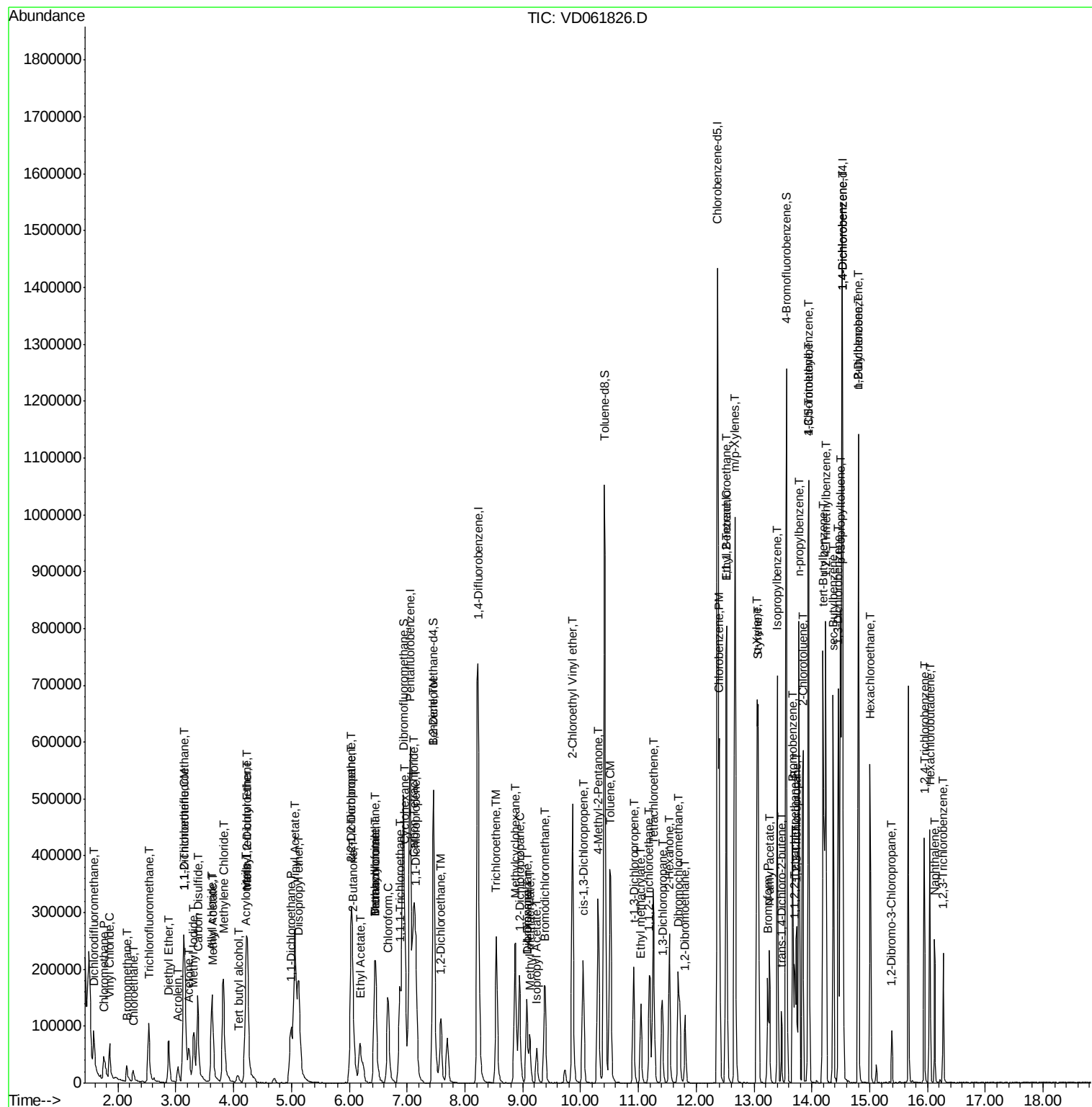
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 102264   | 17.611 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 77281    | 18.365 | ug/l  | 98       |
| 95) Naphthalene            | 16.12 | 128  | 172402   | 19.370 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 58998    | 17.829 | ug/l  | 96       |

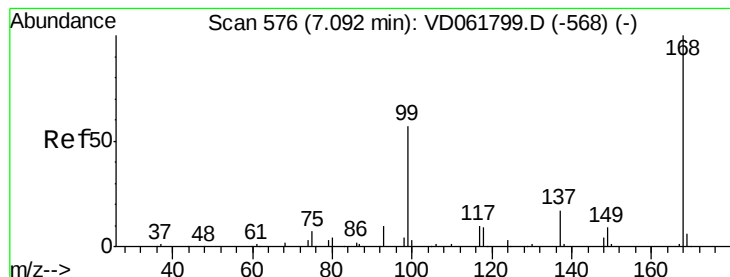
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\  
Data File : VD061826.D  
Acq On : 17 Apr 2019 00:56  
Operator : VA/AP  
Sample : VD0416SBS02  
Misc : 5.00µl/5ml/MSVOA D/SOIL  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0416SBS02

Quant Time: Apr 17 01:36:11 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 16 08:53:01 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.04 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

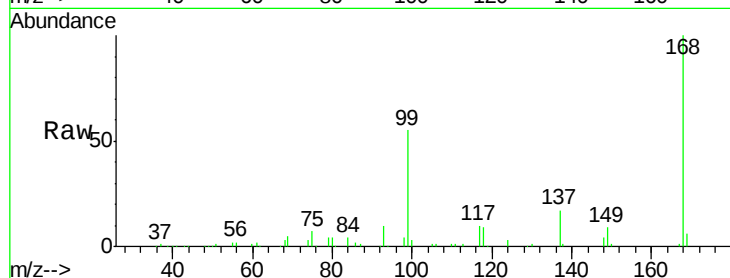
VD0416SBS02

Tot Ion:168 Resp: 598670

Ion Ratio Lower Upper

168 100

99 55.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

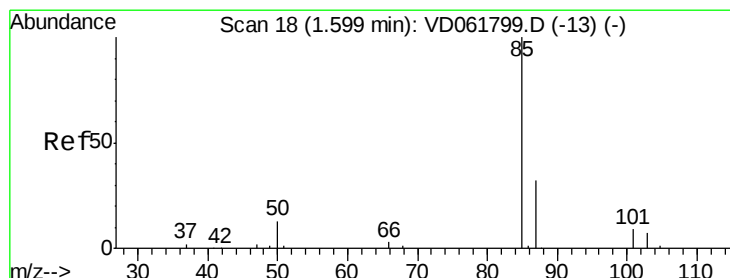
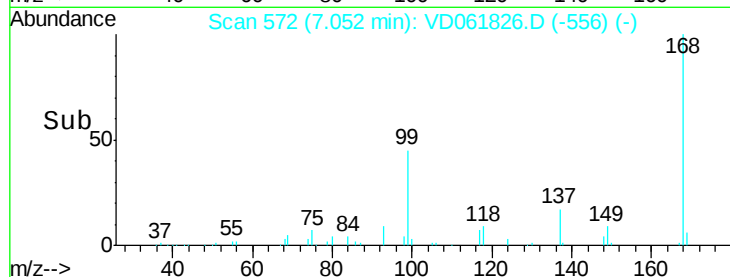
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50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#2

Dichlorodifluoromethane

Concen: 14.314 ug/l

RT: 1.58 min Scan# 16

Delta R.T. -0.02 min

Lab File: VD061826.D

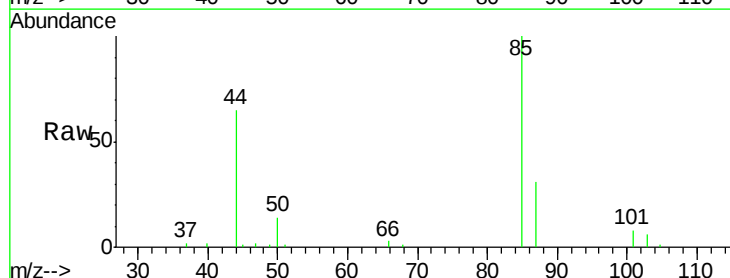
Acq: 17 Apr 2019 00:56

Tgt Ion: 85 Resp: 83640

Ion Ratio Lower Upper

85 100

87 30.7 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

40000

30000

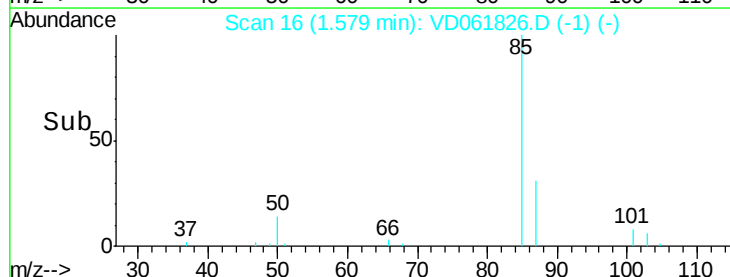
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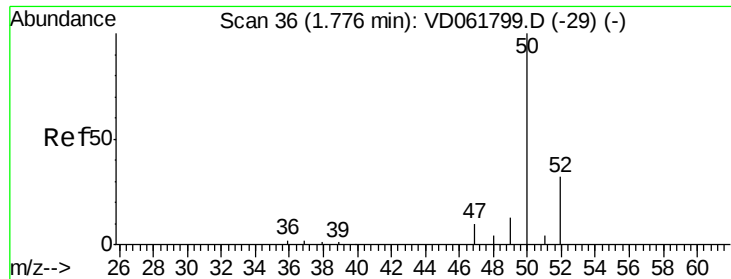
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0

1.50 1.60 1.70 1.80

Time-->

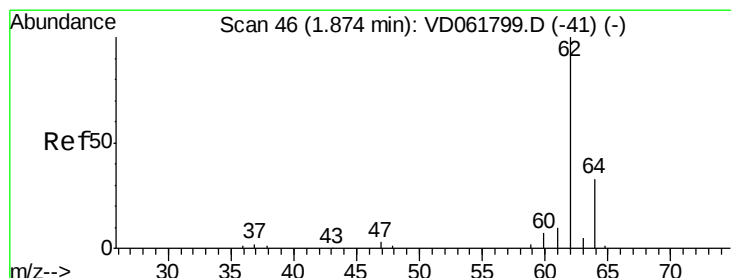
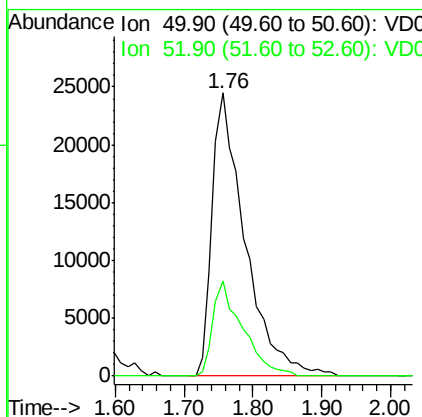
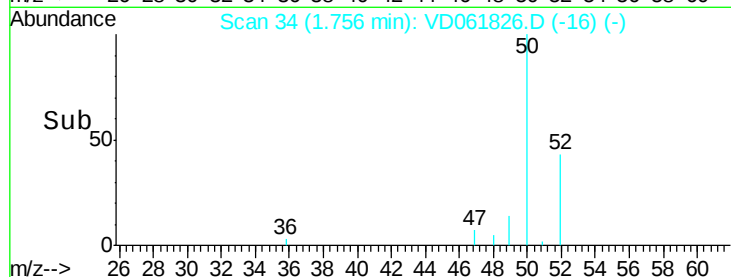
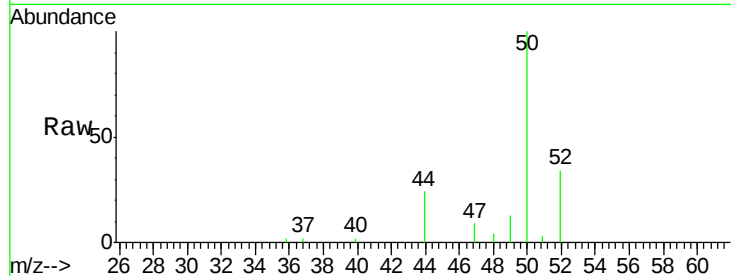




#3  
 Chloromethane  
 Concen: 17.451 ug/l  
 RT: 1.76 min Scan# 34  
 Delta R.T. -0.02 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

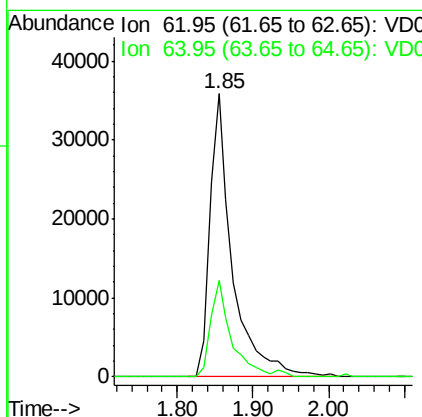
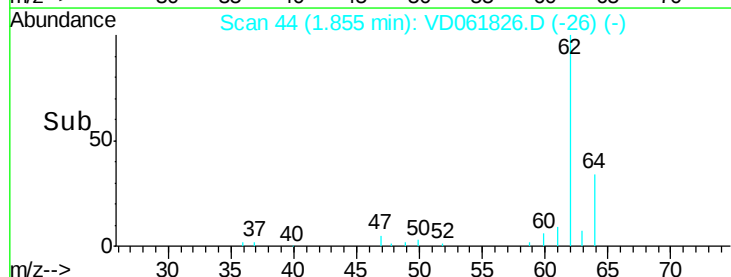
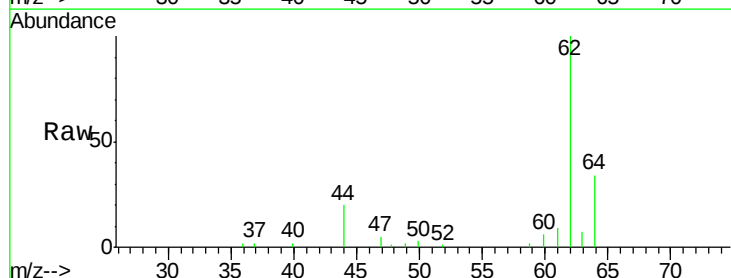
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

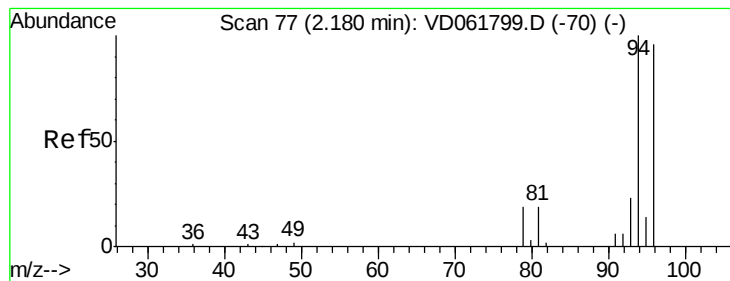
Tot Ion: 50 Resp: 81266  
 Ion Ratio Lower Upper  
 50 100  
 52 33.7 25.2 37.8



#4  
 Vinyl Chloride  
 Concen: 16.059 ug/l  
 RT: 1.85 min Scan# 44  
 Delta R.T. -0.02 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Tgt Ion: 62 Resp: 74218  
 Ion Ratio Lower Upper  
 62 100  
 64 34.2 26.5 39.7





#5

Bromomethane

Concen: 11.800 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.03 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

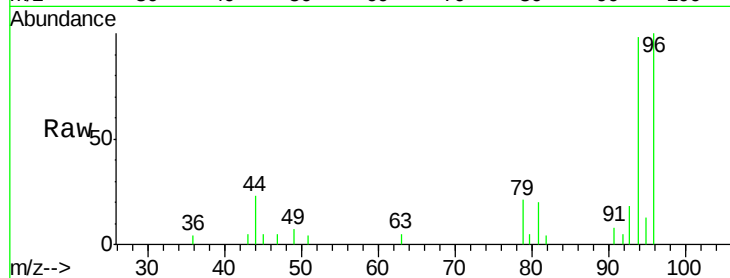
Tot Ion: 94 Resp: 15115

Ion Ratio Lower Upper

94 100

96 102.4 76.6 115.0

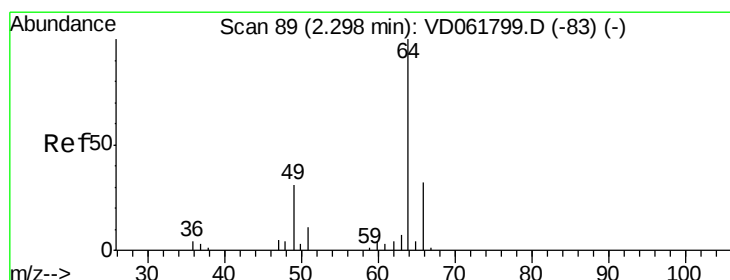
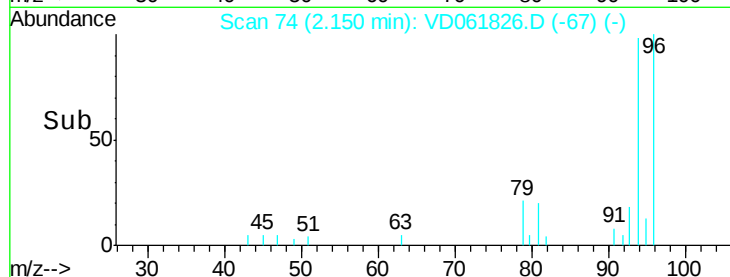
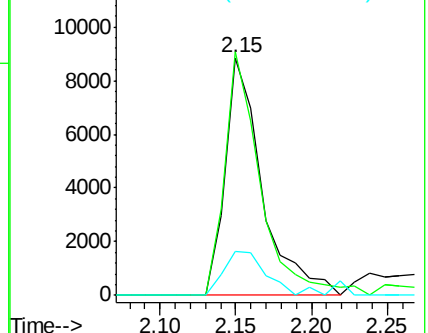
93 18.7 18.5 27.7



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: 15.205 ug/l

RT: 2.27 min Scan# 86

Delta R.T. -0.03 min

Lab File: VD061826.D

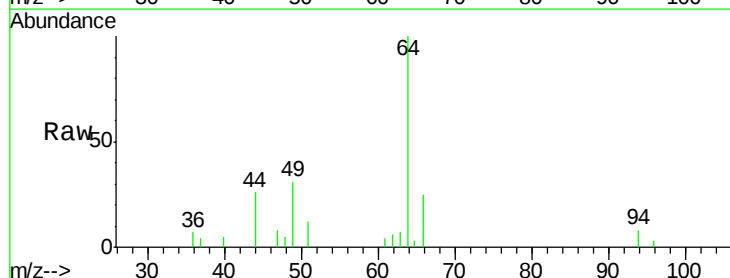
Acq: 17 Apr 2019 00:56

Tgt Ion: 64 Resp: 23973

Ion Ratio Lower Upper

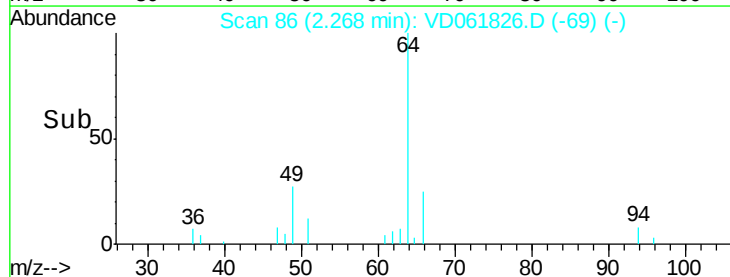
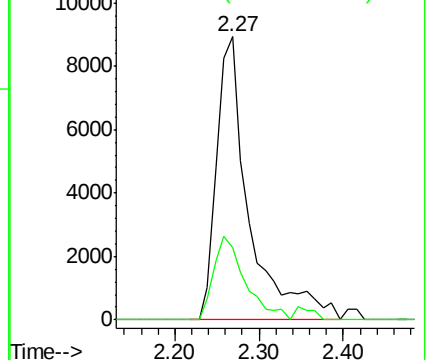
64 100

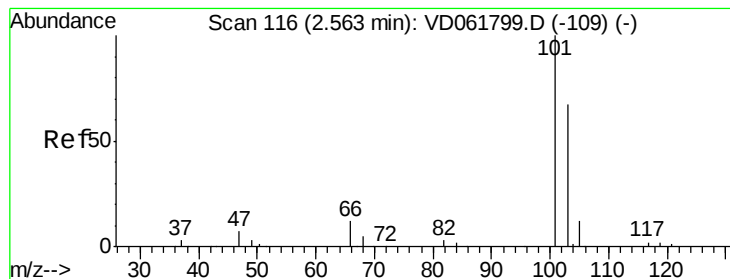
66 25.4 25.6 38.4#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



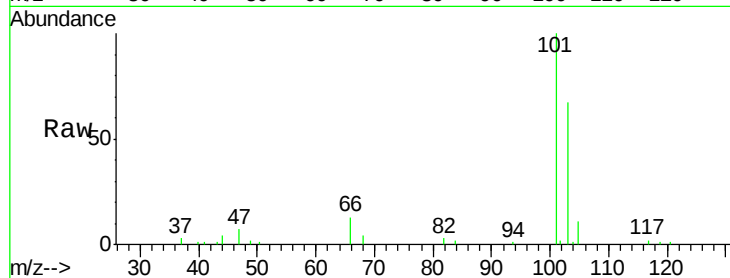


#7

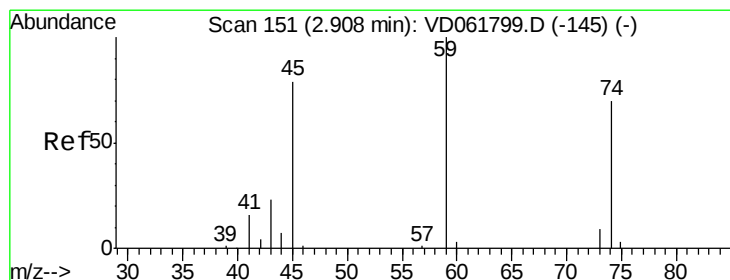
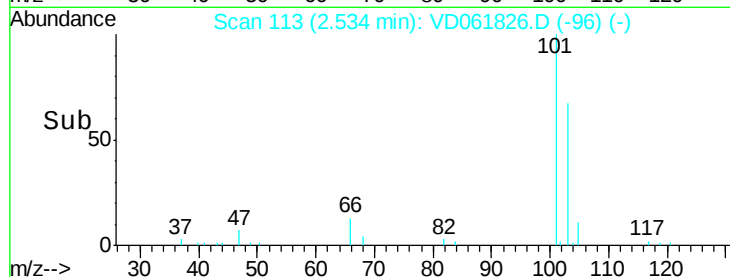
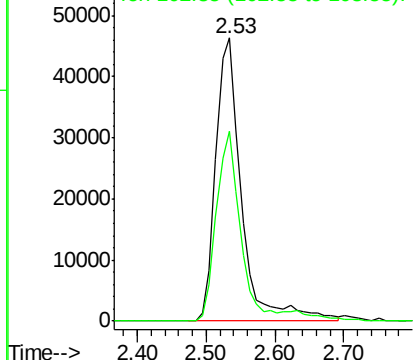
Trichlorofluoromethane  
 Concen: 16.076 ug/l  
 RT: 2.53 min Scan# 113  
 Delta R.T. -0.03 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

Tot Ion:101 Resp: 120496  
 Ion Ratio Lower Upper  
 101 100  
 103 67.0 53.6 80.4



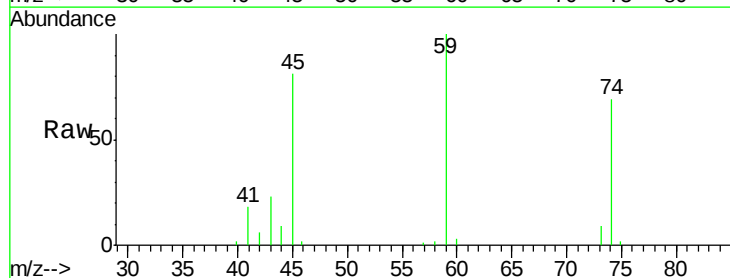
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



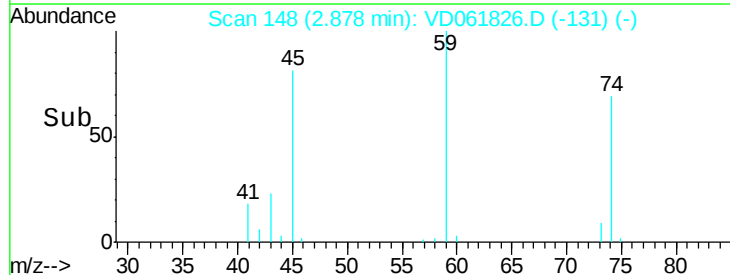
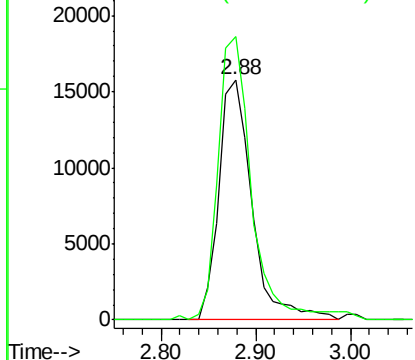
#8

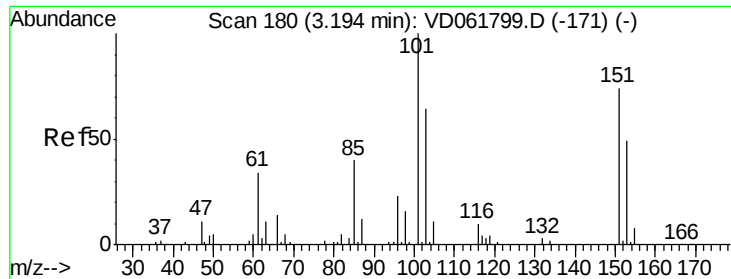
Diethyl Ether  
 Concen: 19.559 ug/l  
 RT: 2.88 min Scan# 148  
 Delta R.T. -0.03 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Tgt Ion: 74 Resp: 38421  
 Ion Ratio Lower Upper  
 74 100  
 45 117.9 56.9 170.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.080 ug/l

RT: 3.15 min Scan# 176

Delta R.T. -0.04 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

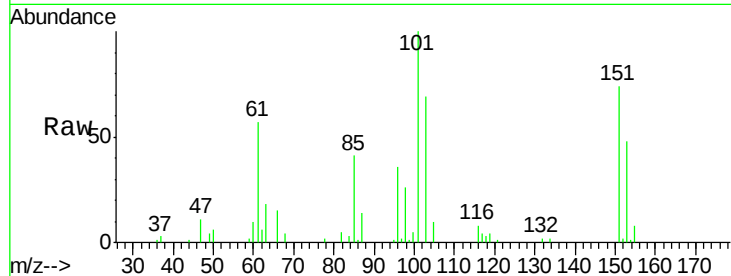
Tot Ion:101 Resp: 114151

Ion Ratio Lower Upper

101 100

85 41.1 32.4 48.6

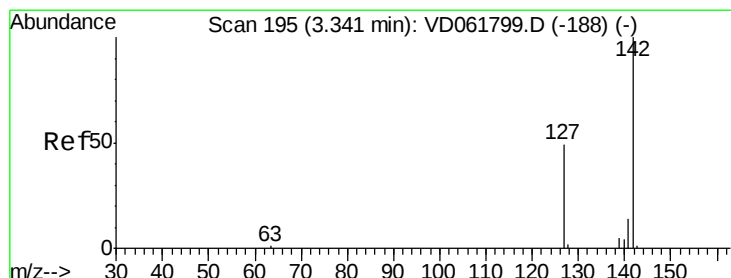
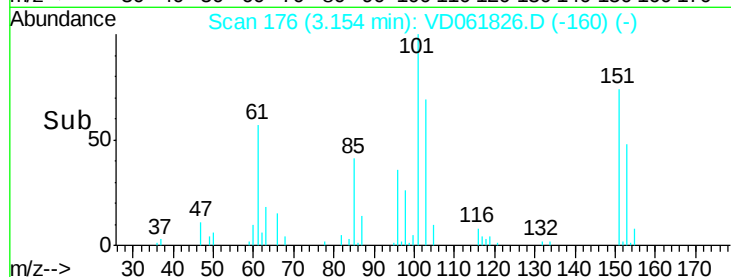
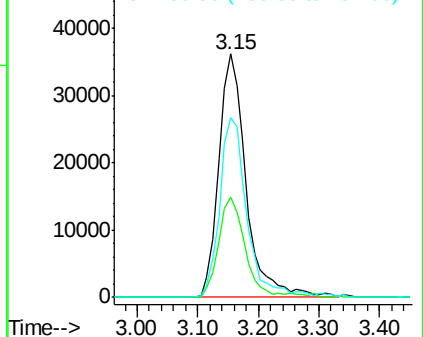
151 73.6 59.4 89.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 16.905 ug/l

RT: 3.31 min Scan# 192

Delta R.T. -0.03 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

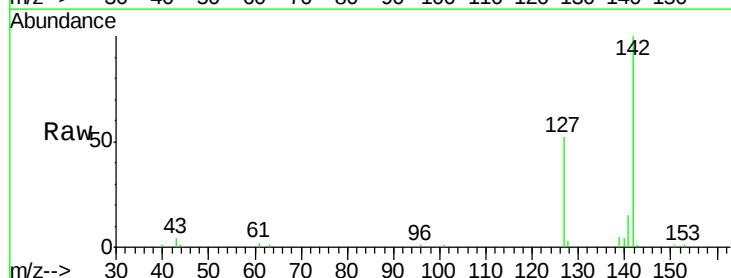
Tgt Ion:142 Resp: 153669

Ion Ratio Lower Upper

142 100

127 51.8 38.8 58.2

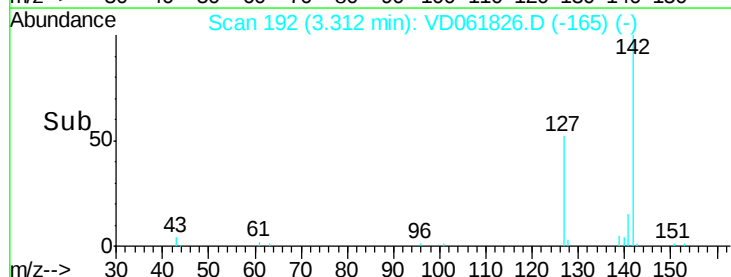
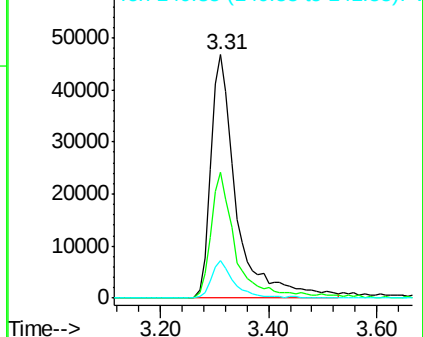
141 15.3 11.4 17.0

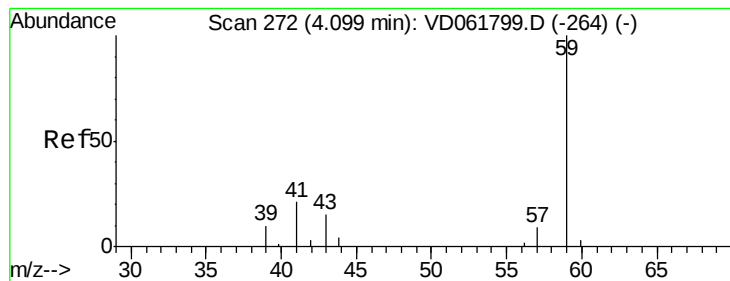


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



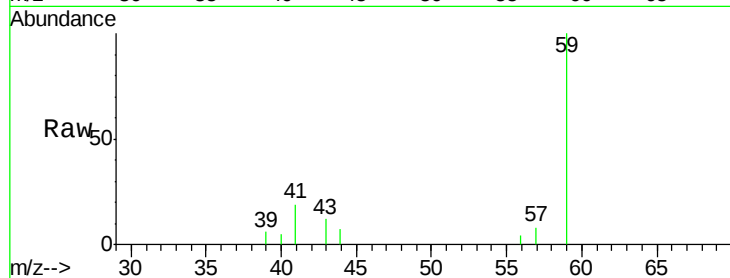


#11

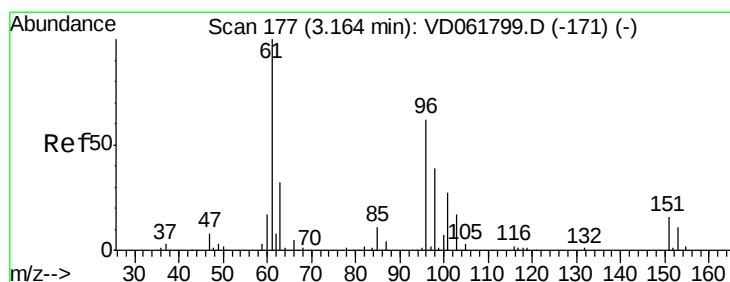
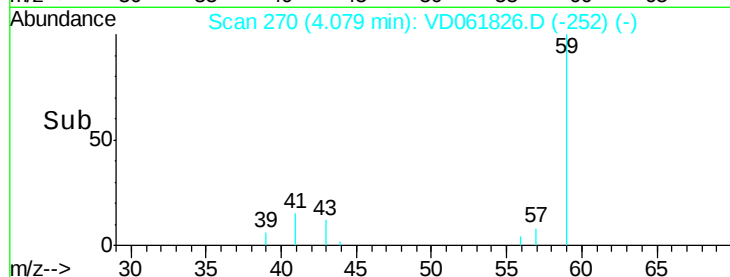
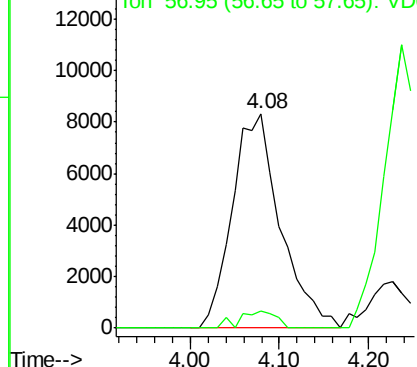
Tert butyl alcohol  
 Concen: 105.607 ug/l  
 RT: 4.08 min Scan# 270  
 Delta R.T. -0.02 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

Tot Ion: 59 Resp: 31248  
 Ion Ratio Lower Upper  
 59 100  
 57 8.1 6.9 10.3



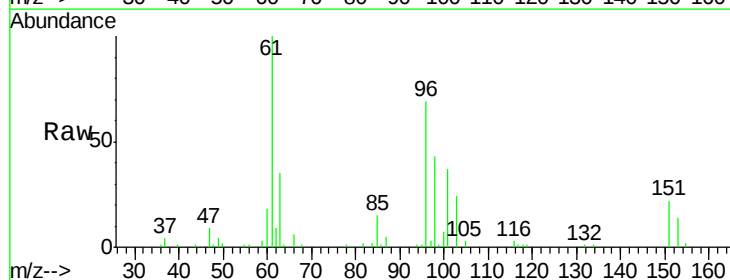
Abundance Ion 58.95 (58.65 to 59.65): VDC  
 Ion 56.95 (56.65 to 57.65): VDC



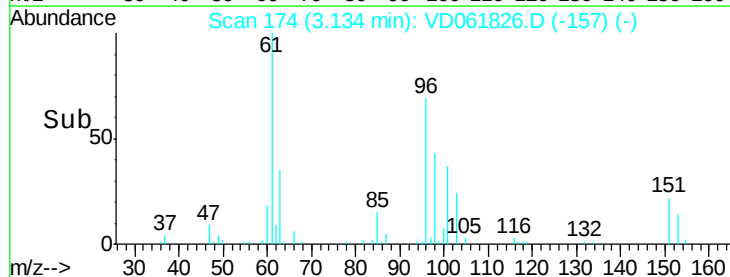
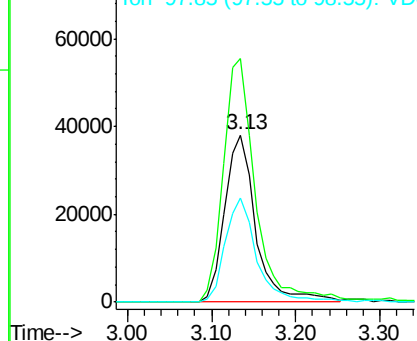
#12

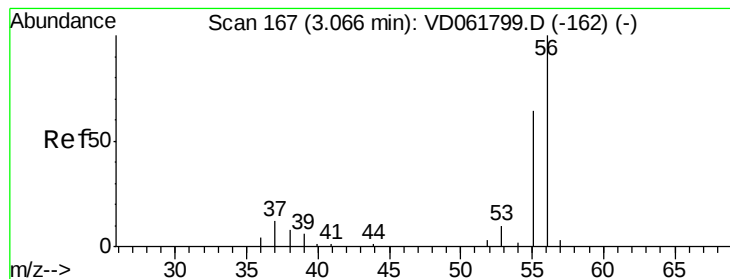
1,1-Dichloroethene  
 Concen: 17.420 ug/l  
 RT: 3.13 min Scan# 174  
 Delta R.T. -0.03 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Tgt Ion: 96 Resp: 97878  
 Ion Ratio Lower Upper  
 96 100  
 61 145.5 129.8 194.8  
 98 62.5 51.2 76.8



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





#13

Acrolein

Concen: 114.873 ug/l

RT: 3.04 min Scan# 164

Delta R.T. -0.03 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

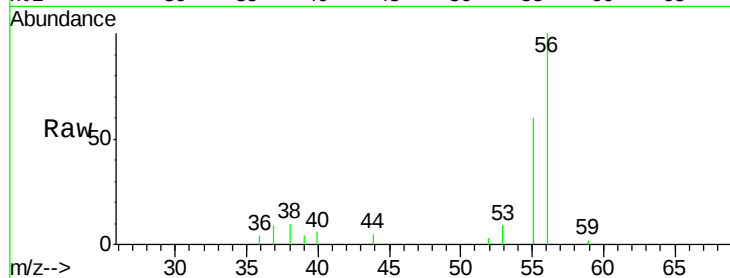
VD0416SBS02

Tot Ion: 56 Resp: 32905

Ion Ratio Lower Upper

56 100

55 60.1 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

15000

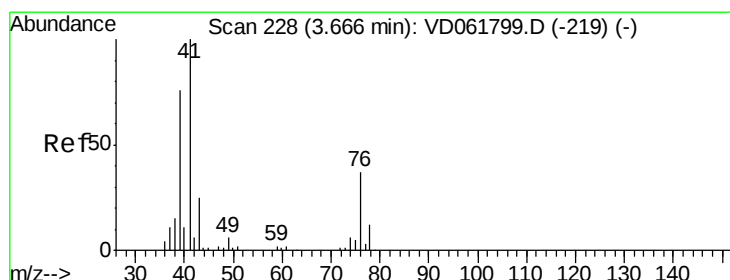
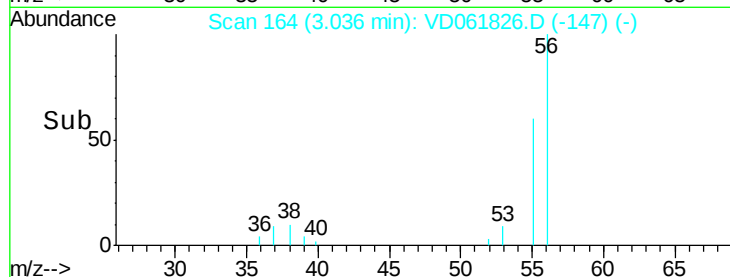
10000

5000

0

3.00 3.10 3.20

Time-->



#14

Allyl chloride

Concen: 17.283 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.04 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

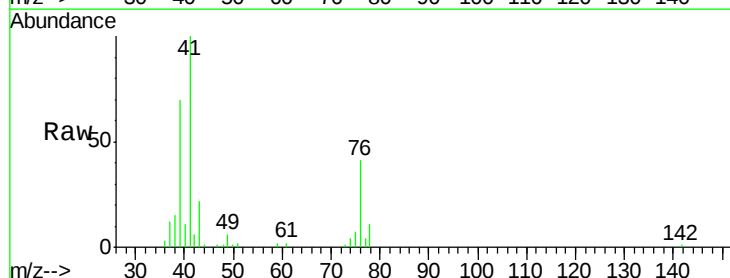
Tgt Ion: 41 Resp: 132364

Ion Ratio Lower Upper

41 100

39 70.3 60.5 90.7

76 41.3 31.8 47.8



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

60000

50000

40000

30000

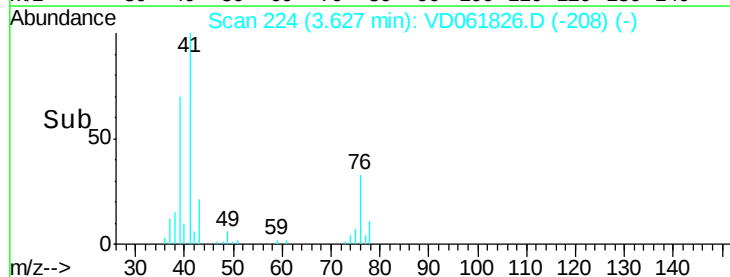
20000

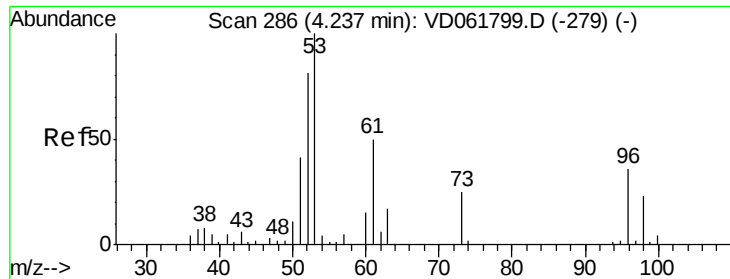
10000

0

3.50 3.60 3.70 3.80

Time-->





#15

Acrylonitrile

Concen: 94.484 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.04 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

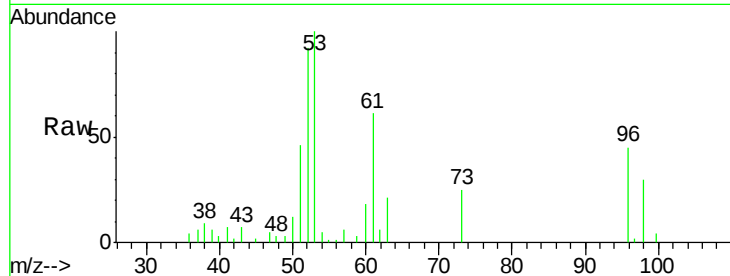
Tot Ion: 53 Resp: 87767

Ion Ratio Lower Upper

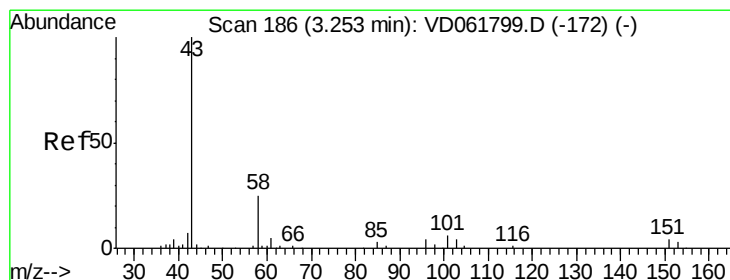
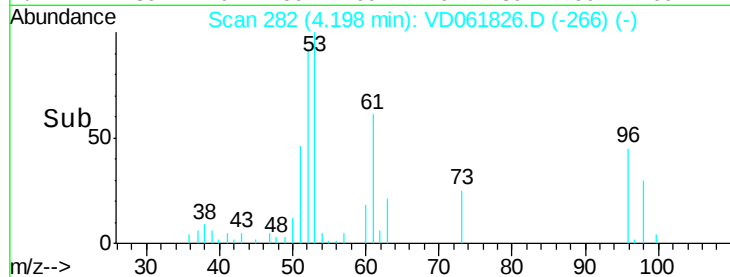
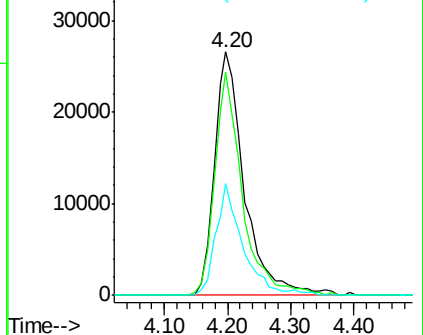
53 100

52 91.9 65.0 97.4

51 45.8 32.6 48.8



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: 81.803 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.03 min

Lab File: VD061826.D

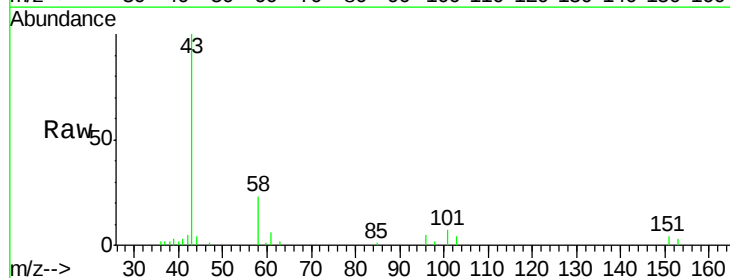
Acq: 17 Apr 2019 00:56

Tgt Ion: 43 Resp: 101158

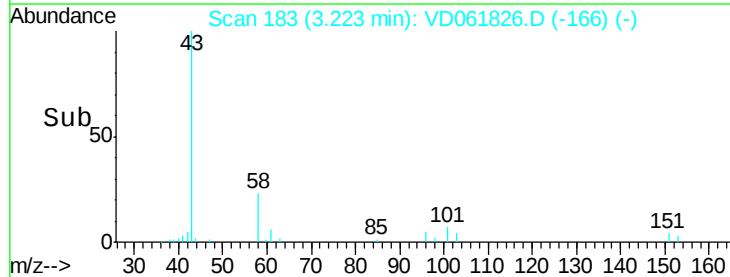
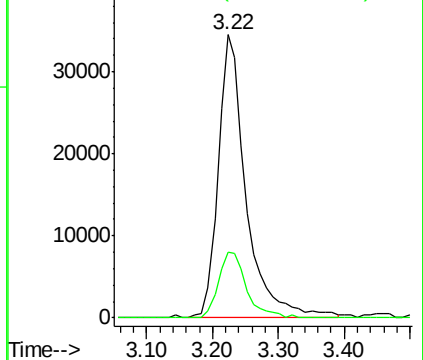
Ion Ratio Lower Upper

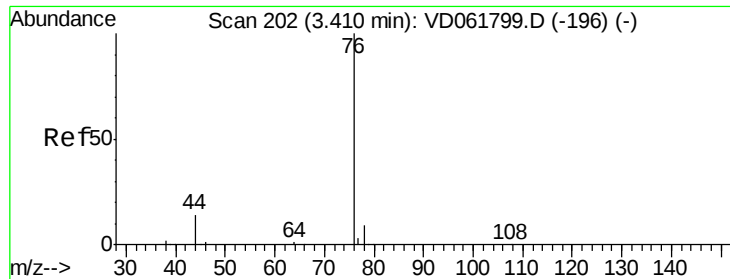
43 100

58 23.2 19.9 29.9



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

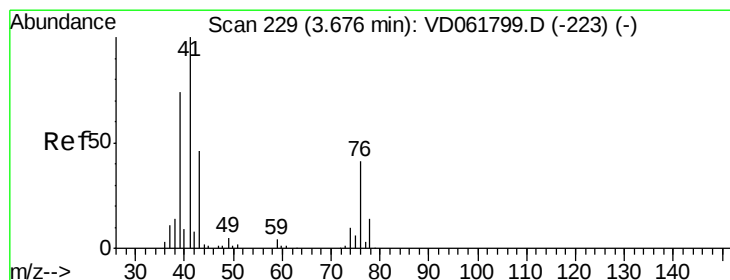
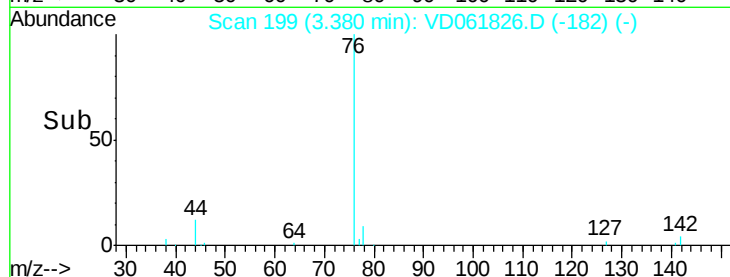
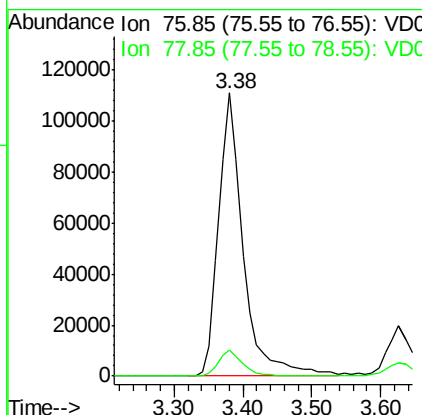
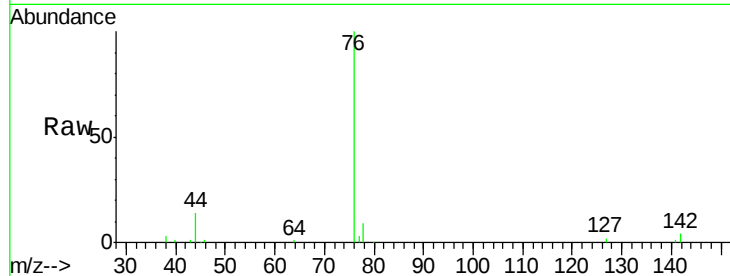




#17  
Carbon Disulfide  
Concen: 15.235 ug/l  
RT: 3.38 min Scan# 199  
Delta R.T. -0.03 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

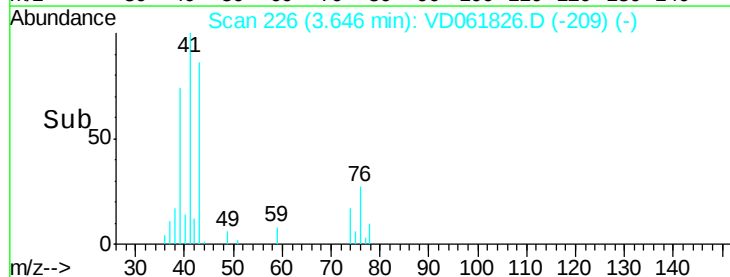
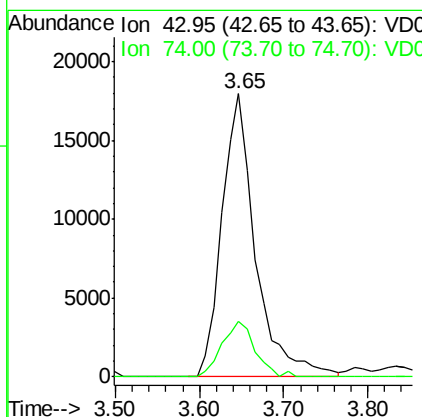
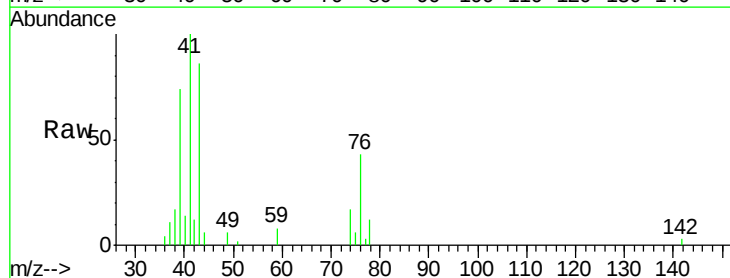
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0416SBS02

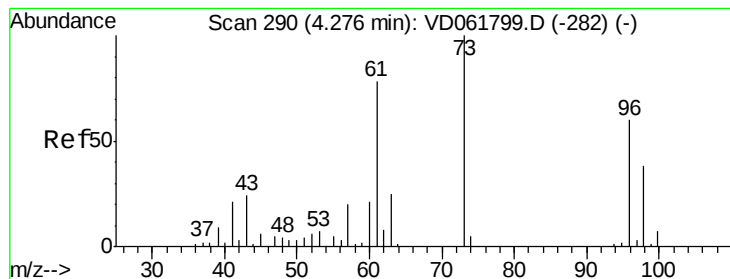
Tot Ion: 76 Resp: 276583  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



#18  
Methyl Acetate  
Concen: 19.996 ug/l  
RT: 3.65 min Scan# 226  
Delta R.T. -0.03 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Tgt Ion: 43 Resp: 49560  
Ion Ratio Lower Upper  
43 100  
74 19.5 18.0 27.0



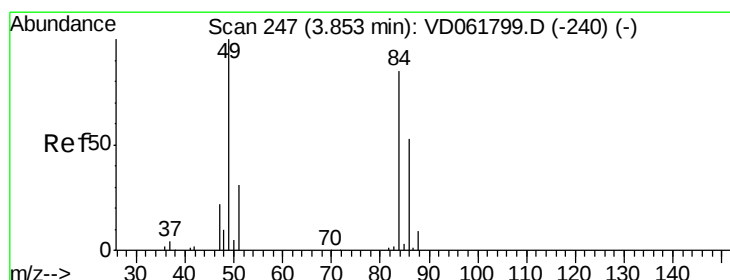
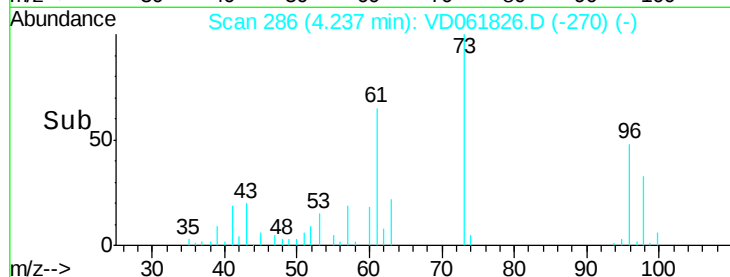
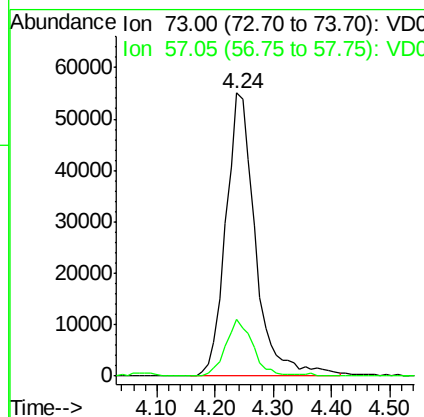
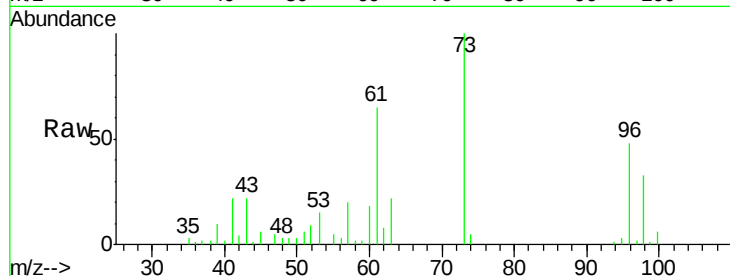


#19

Methyl tert-butyl Ether  
 Concen: 18.564 ug/l  
 RT: 4.24 min Scan# 286  
 Delta R.T. -0.04 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

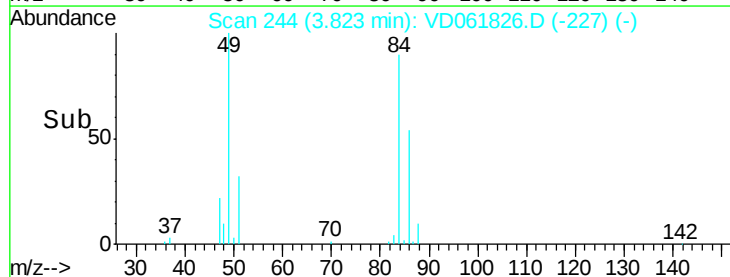
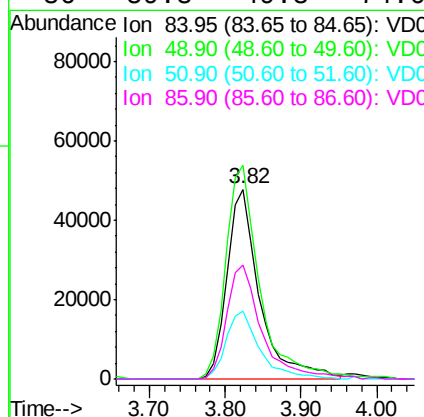
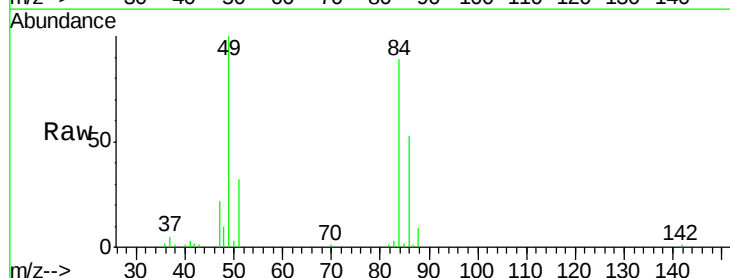
Tot Ion: 73 Resp: 194655  
 Ion Ratio Lower Upper  
 73 100  
 57 20.0 16.3 24.5

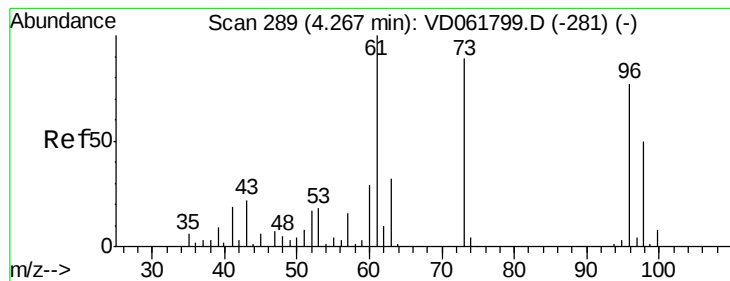


#20

Methylene Chloride  
 Concen: 20.507 ug/l  
 RT: 3.82 min Scan# 244  
 Delta R.T. -0.03 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Tgt Ion: 84 Resp: 142680  
 Ion Ratio Lower Upper  
 84 100  
 49 112.5 94.0 141.0  
 51 35.9 29.0 43.4  
 86 59.8 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 17.161 ug/l

RT: 4.23 min Scan# 285

Delta R.T. -0.04 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

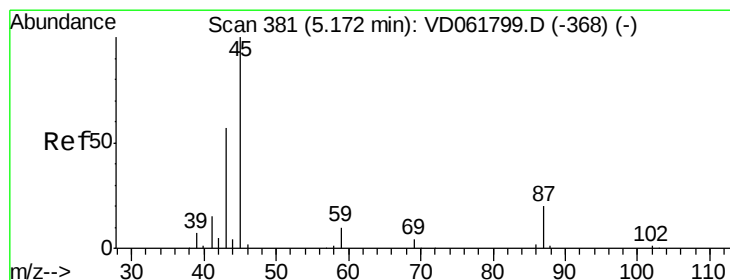
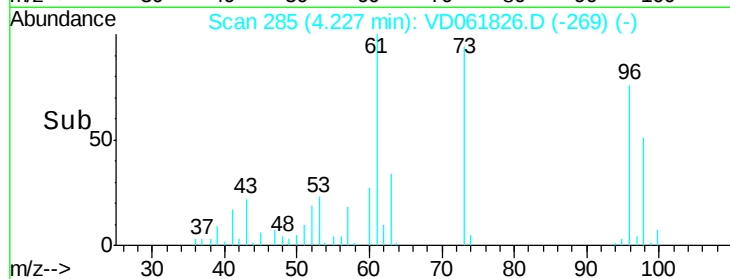
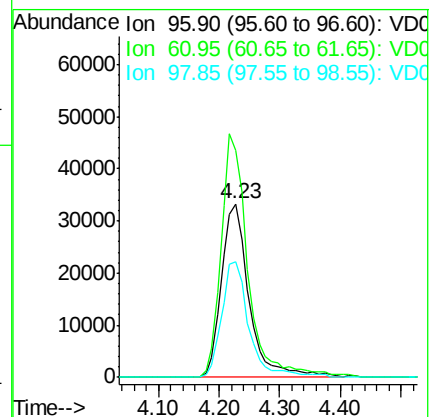
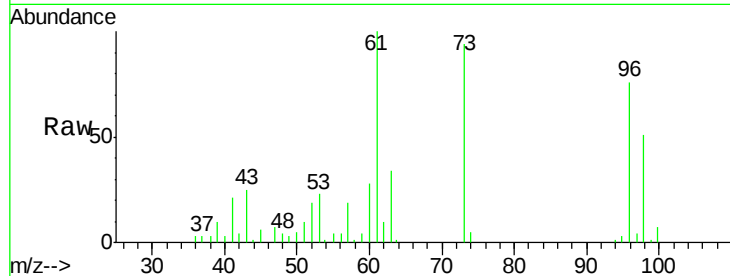
Tot Ion: 96 Resp: 105969

Ion Ratio Lower Upper

96 100

61 130.7 104.4 156.6

98 66.2 51.8 77.8



#22

Diisopropyl ether

Concen: 18.960 ug/l

RT: 5.12 min Scan# 376

Delta R.T. -0.05 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Tgt Ion: 45 Resp: 310389

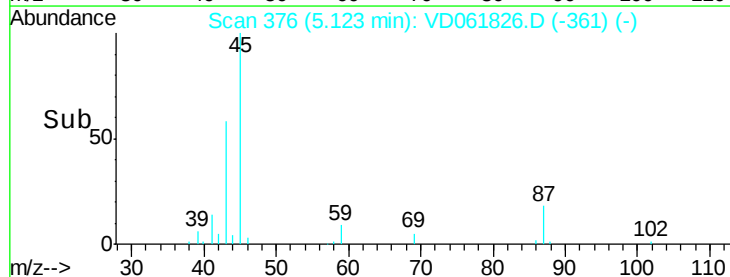
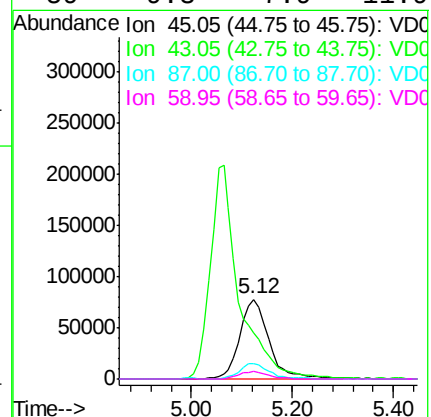
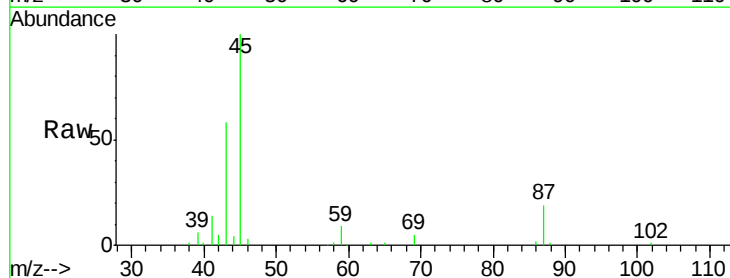
Ion Ratio Lower Upper

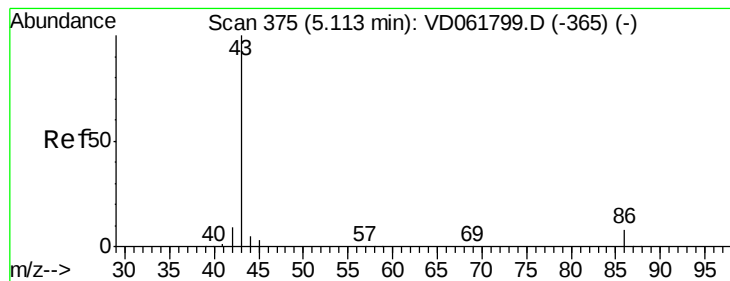
45 100

43 57.6 46.2 69.2

87 19.1 15.9 23.9

59 9.3 7.9 11.9





#23

Vinyl Acetate

Concen: 94.920 ug/l

RT: 5.06 min Scan# 370

Delta R.T. -0.05 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

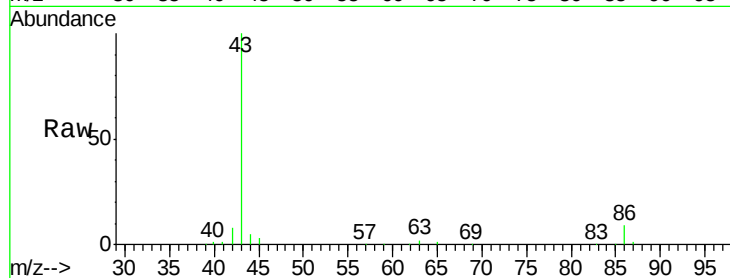
VD0416SBS02

Tot Ion: 43 Resp: 830668

Ion Ratio Lower Upper

43 100

86 8.5 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

5.06

200000

150000

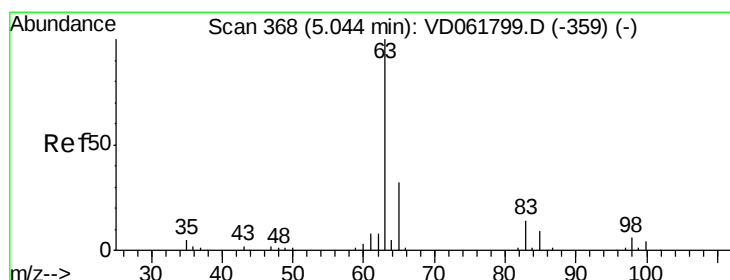
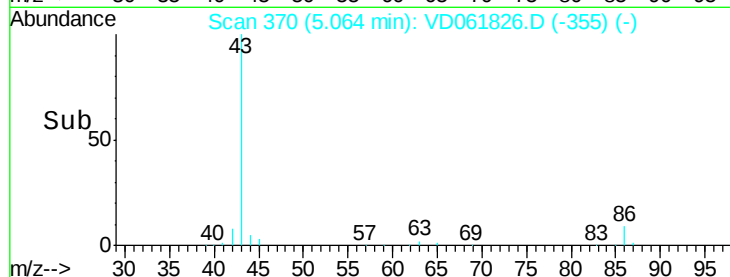
100000

50000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#24

1,1-Dichloroethane

Concen: 18.303 ug/l

RT: 4.99 min Scan# 363

Delta R.T. -0.05 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

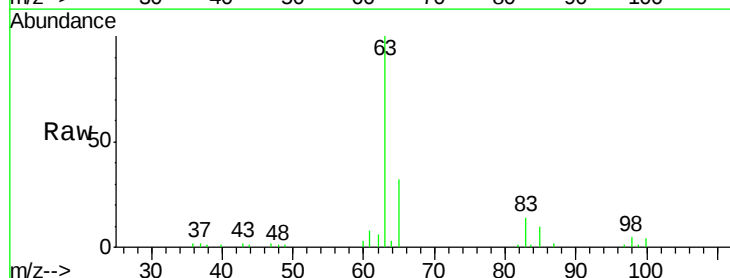
Tgt Ion: 63 Resp: 181666

Ion Ratio Lower Upper

63 100

98 5.2 2.8 8.4

100 4.0 1.8 5.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

4.99

60000

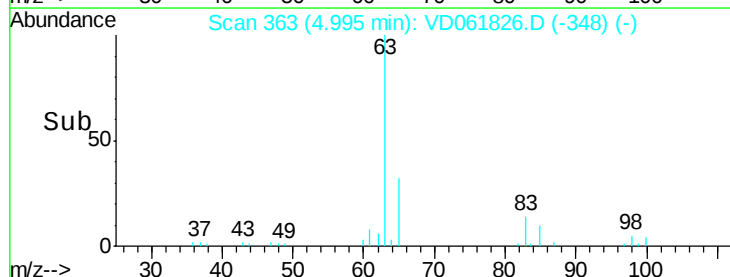
40000

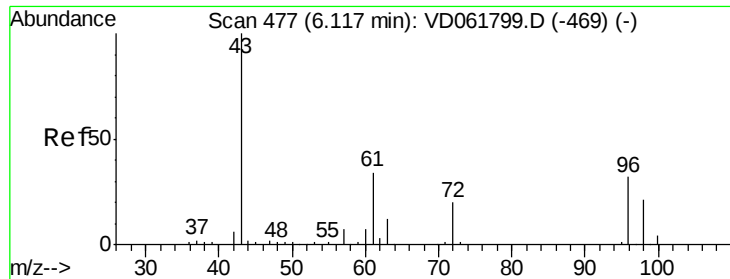
20000

0

Time-->

4.80 4.90 5.00 5.10 5.20





#25

2-Butanone

Concen: 92.862 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.05 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

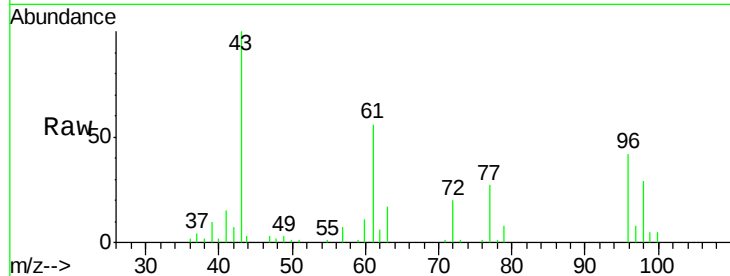
VD0416SBS02

Tot Ion: 43 Resp: 130735

Ion Ratio Lower Upper

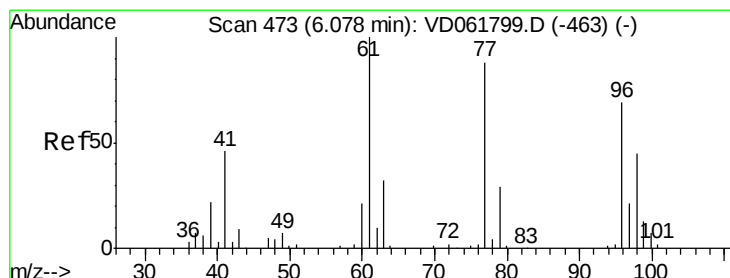
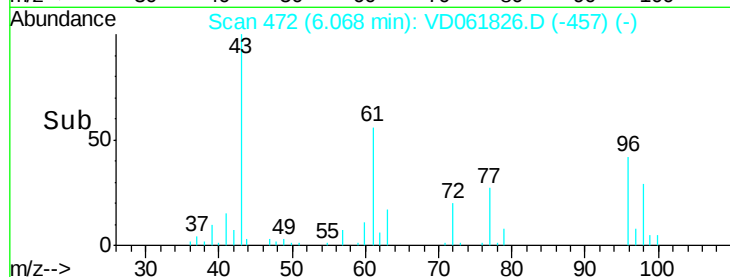
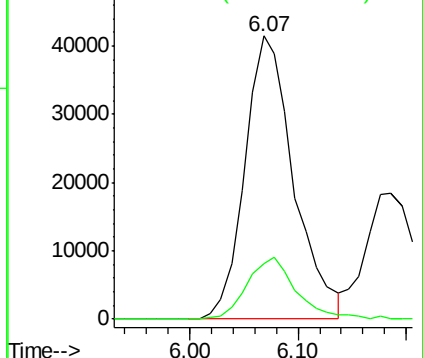
43 100

72 19.5 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 17.106 ug/l

RT: 6.03 min Scan# 468

Delta R.T. -0.05 min

Lab File: VD061826.D

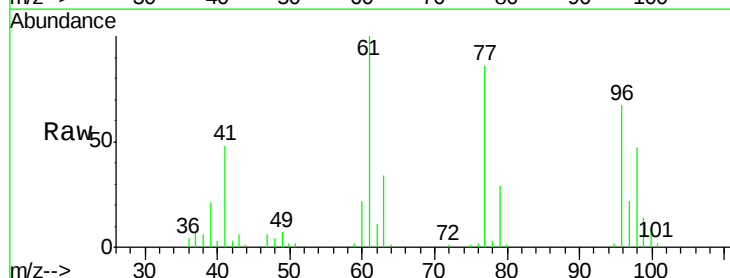
Acq: 17 Apr 2019 00:56

Tgt Ion: 77 Resp: 146751

Ion Ratio Lower Upper

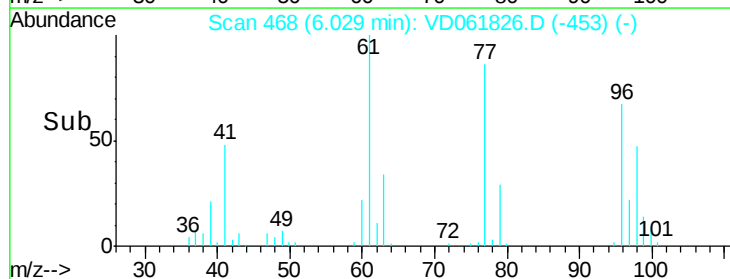
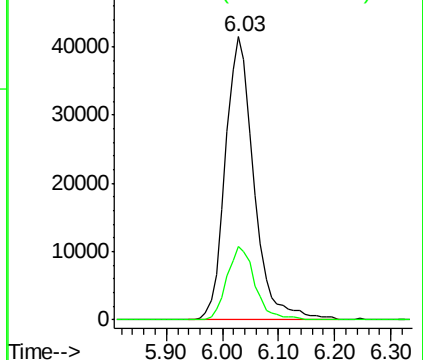
77 100

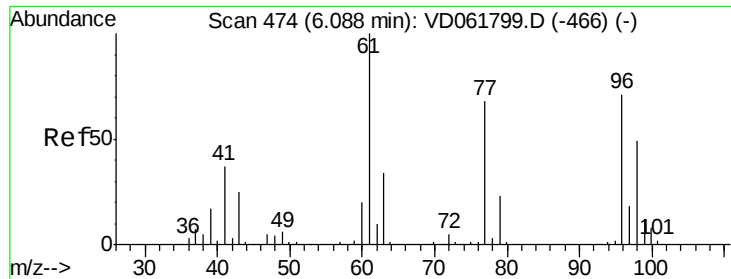
97 25.9 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



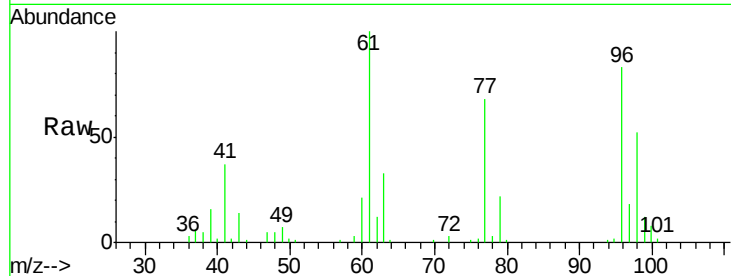


#27

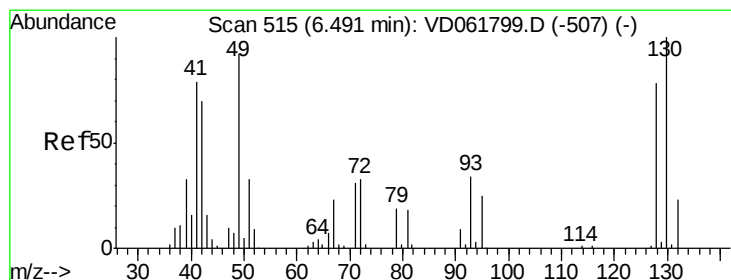
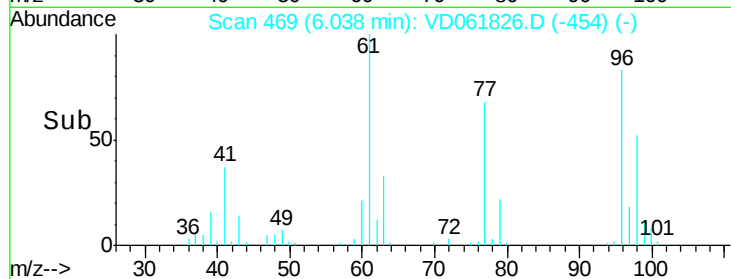
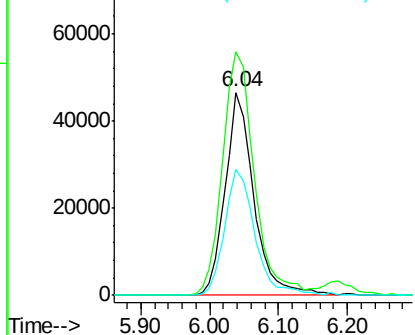
cis-1,2-Dichloroethene  
 Concen: 20.078 ug/l  
 RT: 6.04 min Scan# 469  
 Delta R.T. -0.05 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

Tot Ion: 96 Resp: 134396  
 Ion Ratio Lower Upper  
 96 100  
 61 120.1 0.0 279.8  
 98 62.0 0.0 136.0



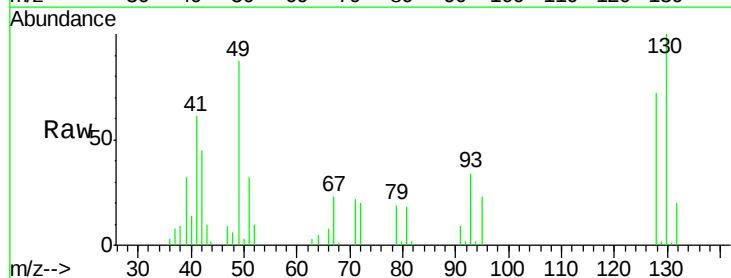
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC



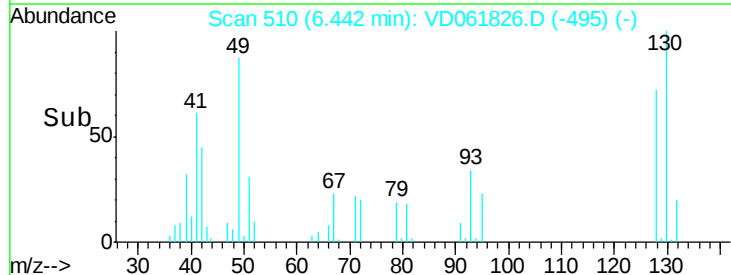
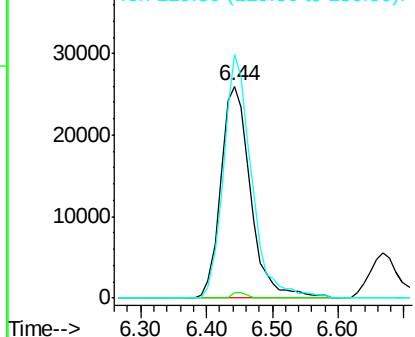
#28

Bromochloromethane  
 Concen: 21.749 ug/l  
 RT: 6.44 min Scan# 510  
 Delta R.T. -0.05 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Tgt Ion: 49 Resp: 81996  
 Ion Ratio Lower Upper  
 49 100  
 129 2.7 0.0 6.6  
 130 115.0 86.7 130.1



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

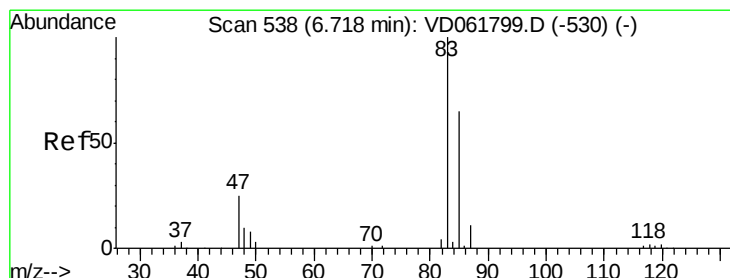
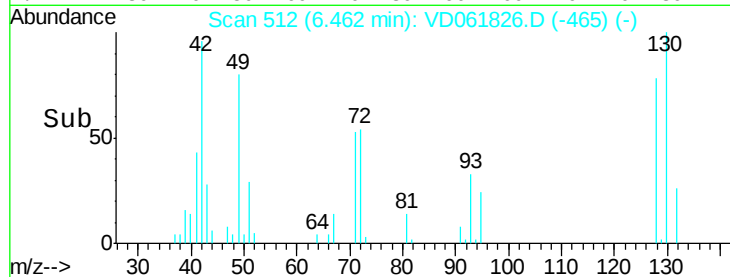
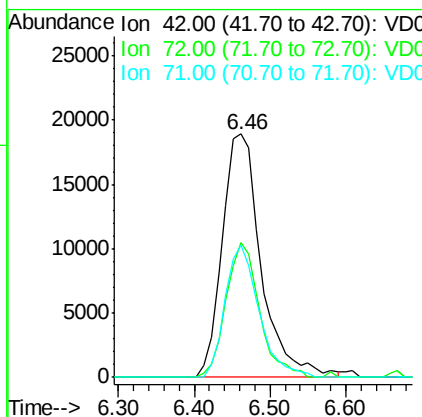
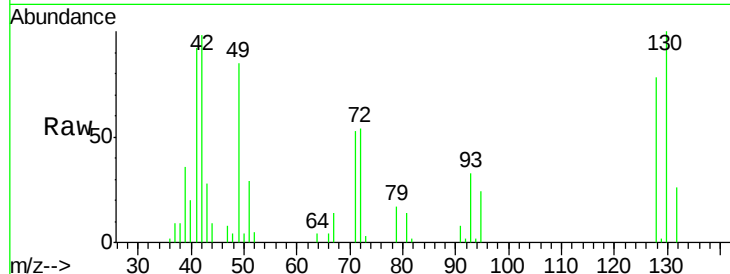




#29  
Tetrahydrofuran  
Concen: 98.096 ug/l  
RT: 6.46 min Scan# 512  
Delta R.T. -0.04 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

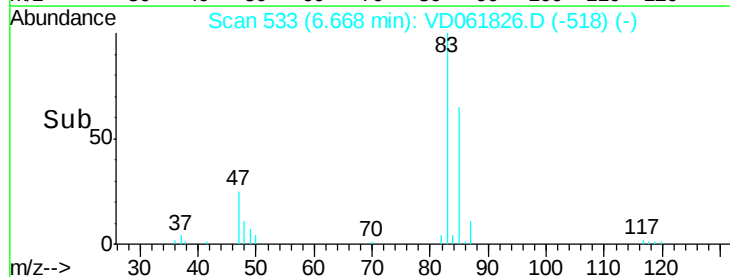
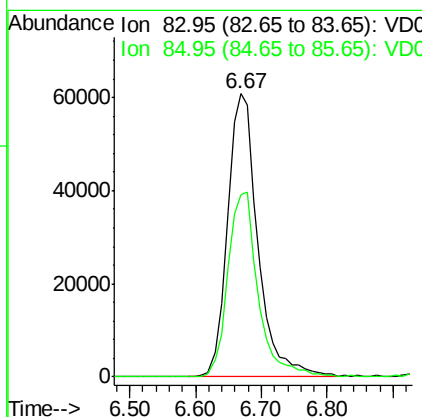
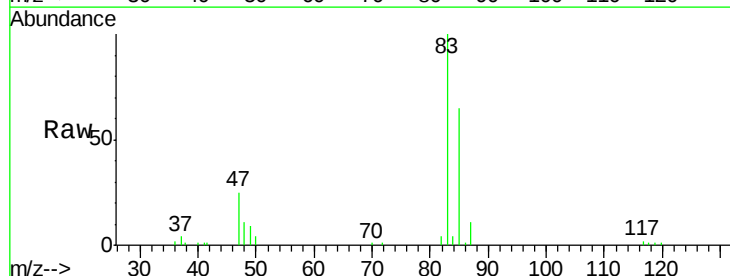
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0416SBS02

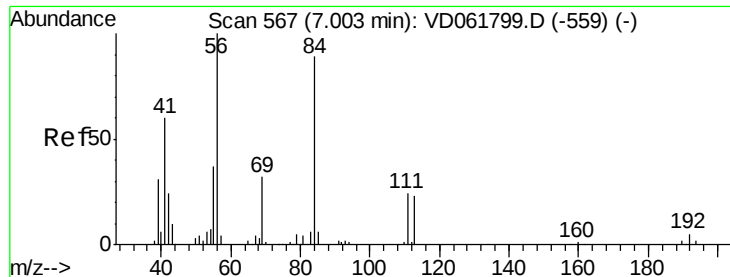
Tot Ion: 42 Resp: 67272  
Ion Ratio Lower Upper  
42 100  
72 47.6 37.8 56.6  
71 47.4 36.7 55.1



#30  
Chloroform  
Concen: 17.693 ug/l  
RT: 6.67 min Scan# 533  
Delta R.T. -0.05 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Tgt Ion: 83 Resp: 195871  
Ion Ratio Lower Upper  
83 100  
85 64.5 51.7 77.5

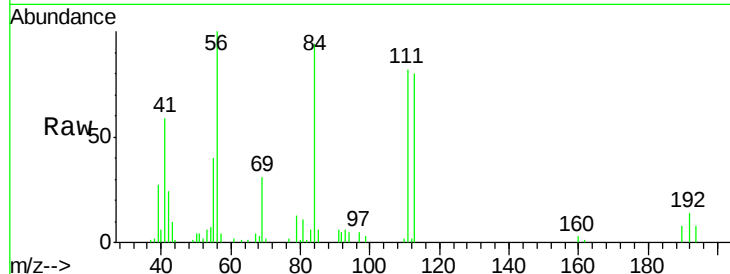




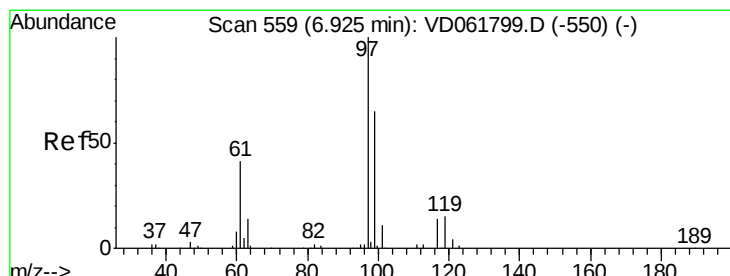
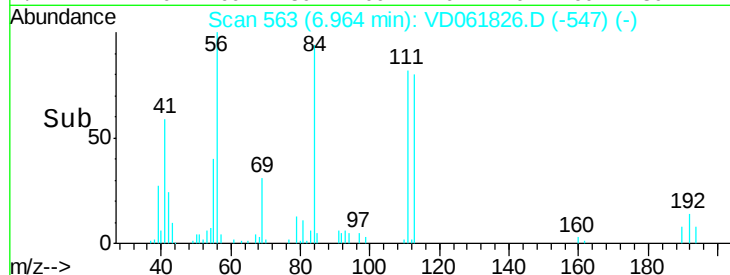
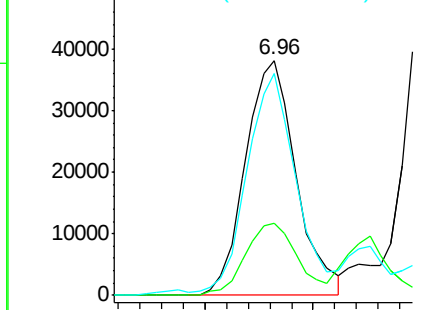
#31  
Cyclohexane  
Concen: 16.303 ug/l  
RT: 6.96 min Scan# 563  
Delta R.T. -0.04 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0416SBS02

Tot Ion: 56 Resp: 123874  
Ion Ratio Lower Upper  
56 100  
69 30.9 25.8 38.6  
84 94.3 72.2 108.4

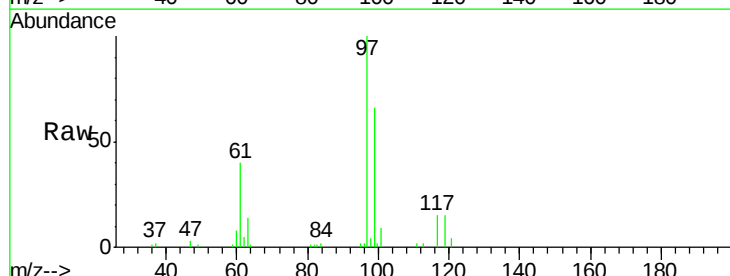


Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC

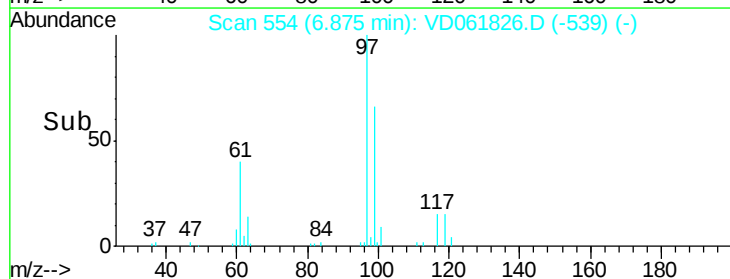
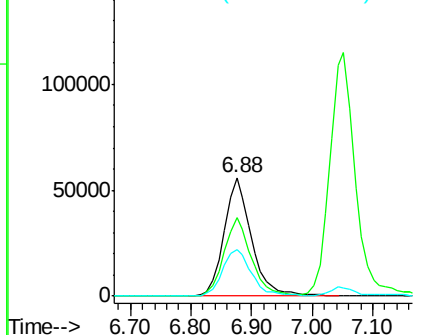


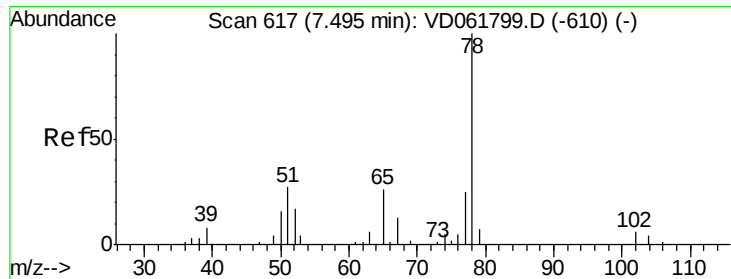
#32  
1,1,1-Trichloroethane  
Concen: 17.805 ug/l  
RT: 6.88 min Scan# 554  
Delta R.T. -0.05 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Tgt Ion: 97 Resp: 174736  
Ion Ratio Lower Upper  
97 100  
99 66.3 52.2 78.2  
61 39.5 32.4 48.6



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

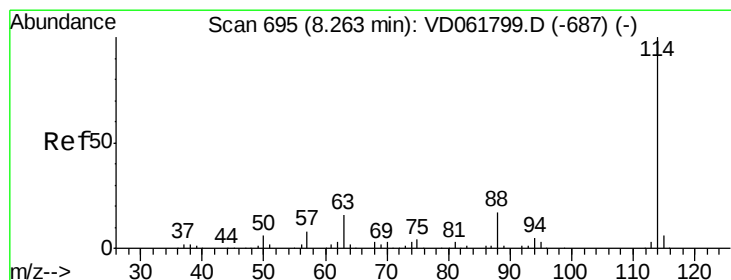
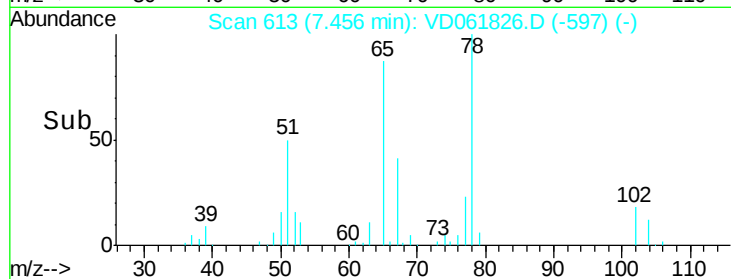
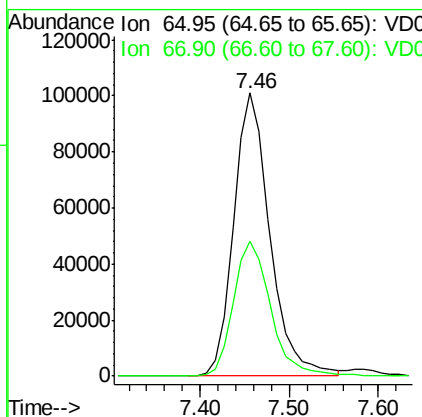
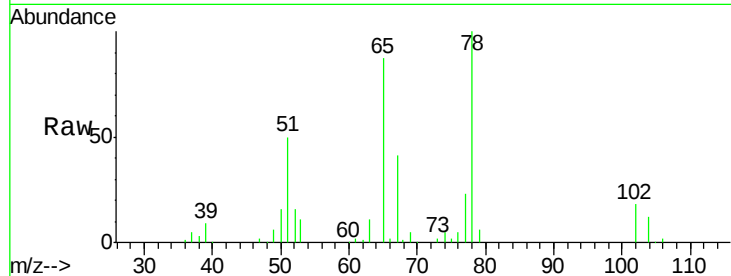




#33  
 1,2-Dichloroethane-d4  
 Concen: 17.805 ug/l  
 RT: 7.46 min Scan# 613  
 Delta R.T. -0.04 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

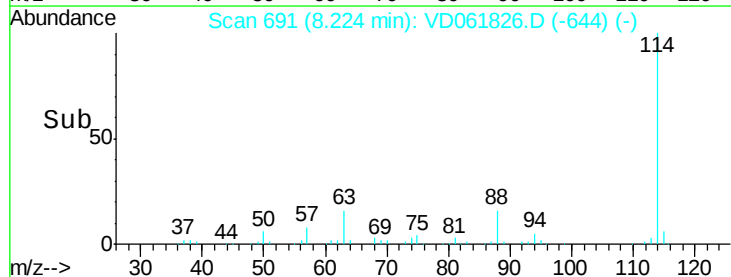
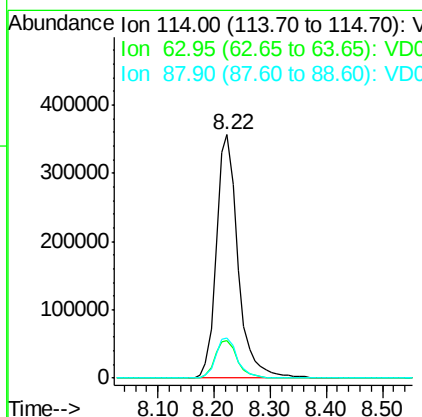
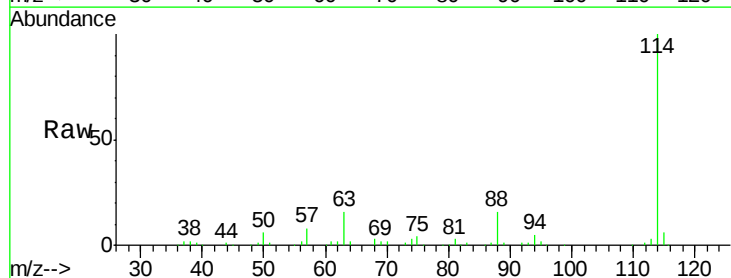
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

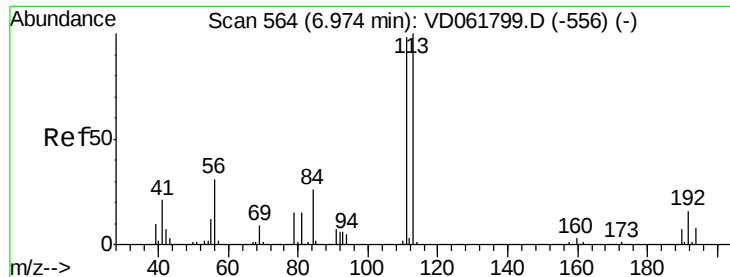
Tot Ion: 65 Resp: 285247  
 Ion Ratio Lower Upper  
 65 100  
 67 47.7 0.0 98.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.22 min Scan# 691  
 Delta R.T. -0.04 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Tgt Ion: 114 Resp: 961674  
 Ion Ratio Lower Upper  
 114 100  
 63 15.5 0.0 32.4  
 88 16.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.05 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

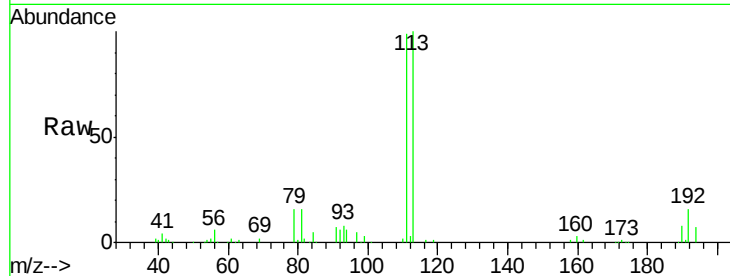
Tot Ion:113 Resp: 413748

Ion Ratio Lower Upper

113 100

111 99.2 78.5 117.7

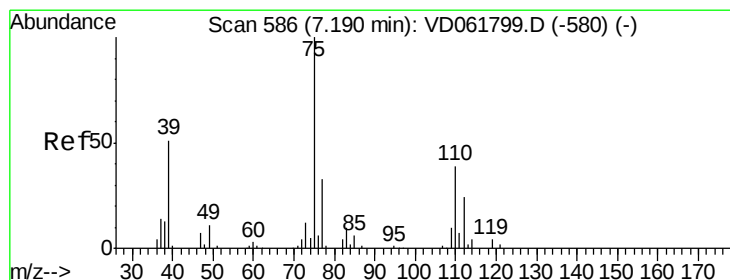
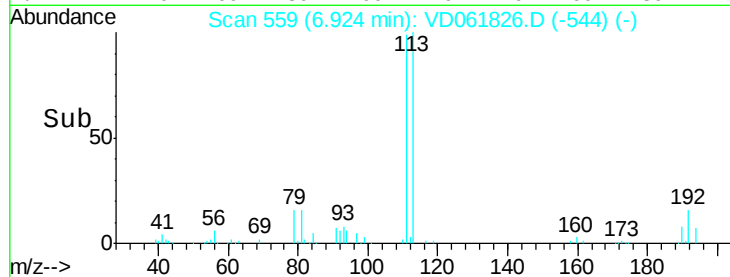
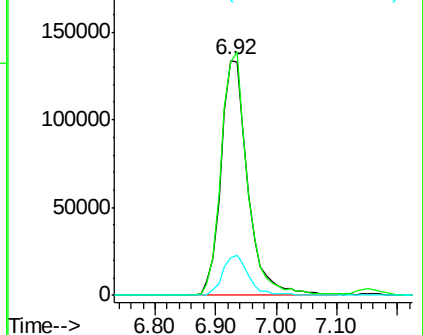
192 15.9 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 17.444 ug/l

RT: 7.15 min Scan# 582

Delta R.T. -0.04 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

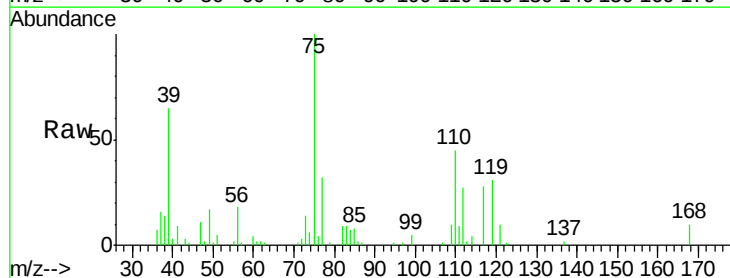
Tgt Ion: 75 Resp: 137080

Ion Ratio Lower Upper

75 100

110 44.8 19.1 57.1

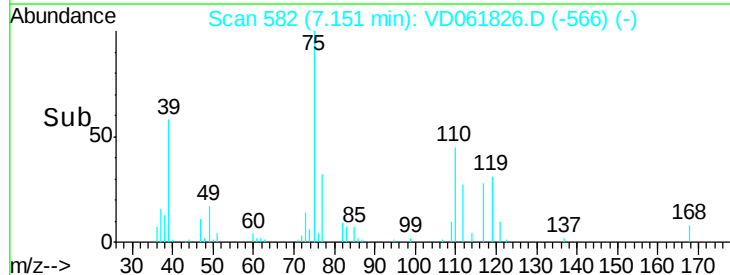
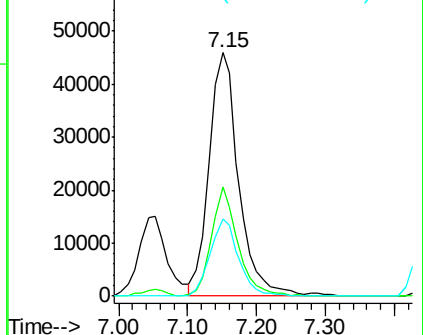
77 31.8 25.6 38.4

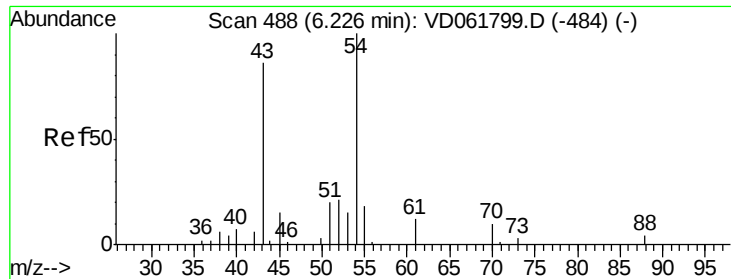


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC

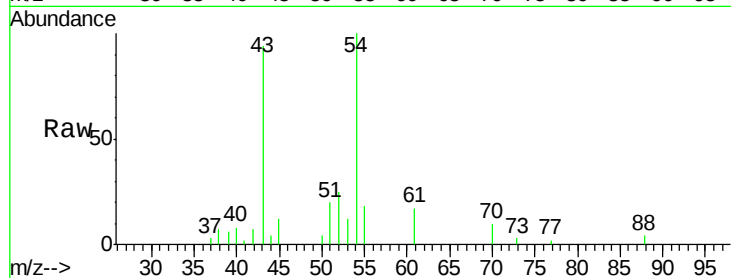




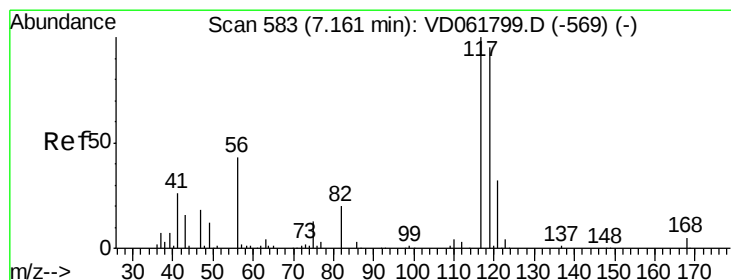
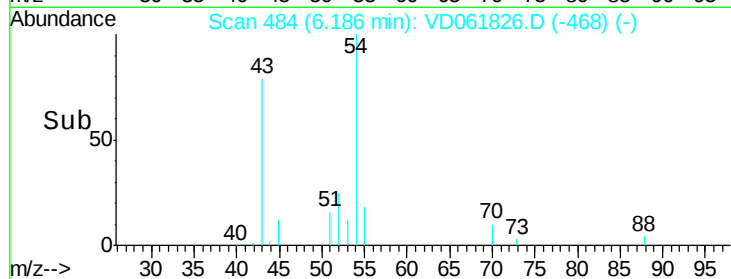
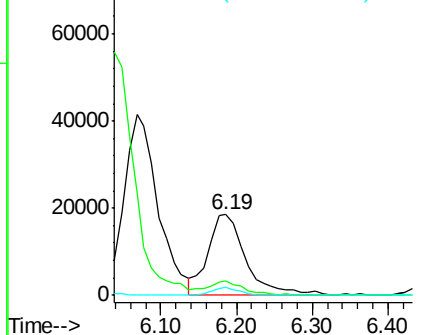
#37  
Ethyl Acetate  
Concen: 19.344 ug/l  
RT: 6.19 min Scan# 484  
Delta R.T. -0.04 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0416SBS02

Tot Ion: 43 Resp: 65060  
Ion Ratio Lower Upper  
43 100  
61 17.8 14.7 22.1  
70 10.1 7.8 11.6

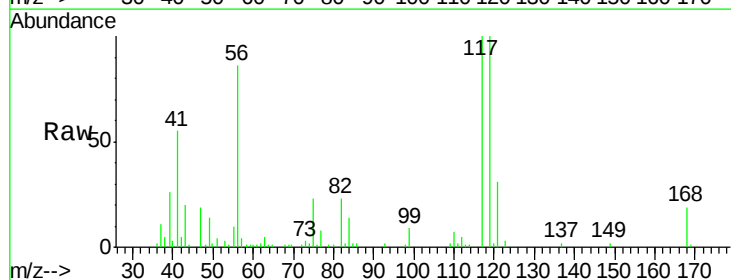


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

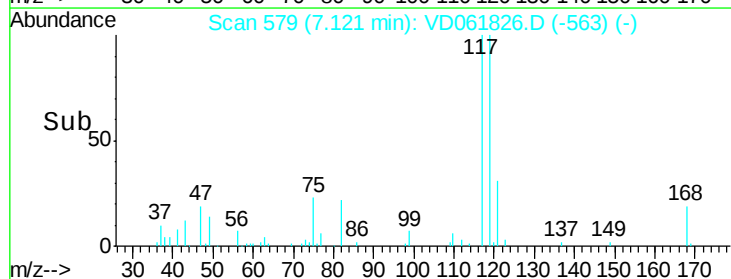
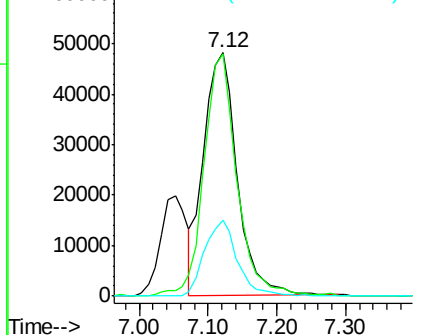


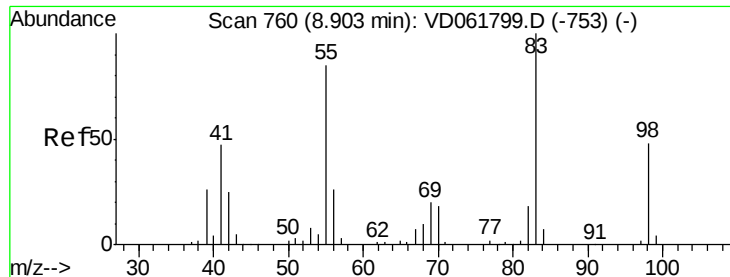
#38  
Carbon Tetrachloride  
Concen: 16.384 ug/l  
RT: 7.12 min Scan# 579  
Delta R.T. -0.04 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Tgt Ion: 117 Resp: 162579  
Ion Ratio Lower Upper  
117 100  
119 99.6 75.8 113.8  
121 31.1 25.9 38.9



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





#39

Methvlcvclohexane

Concen: 17.752 ug/l

RT: 8.86 min Scan# 756

Delta R.T. -0.04 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

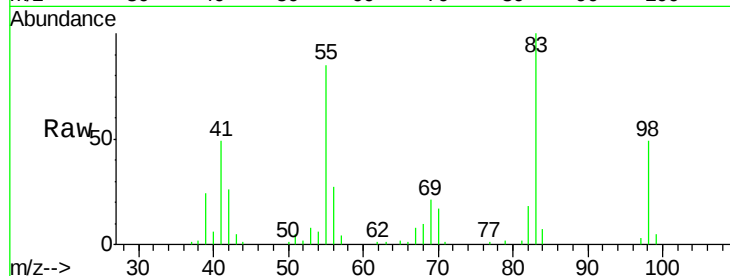
Tot Ion: 83 Resp: 144864

Ion Ratio Lower Upper

83 100

55 84.8 68.2 102.4

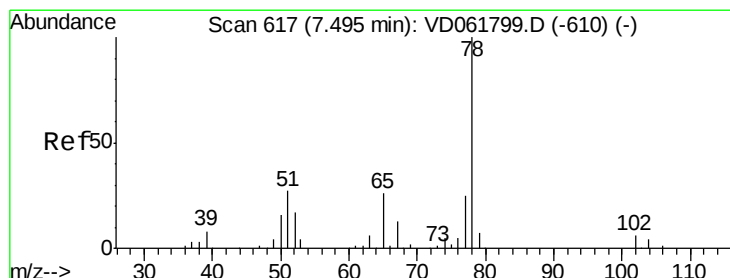
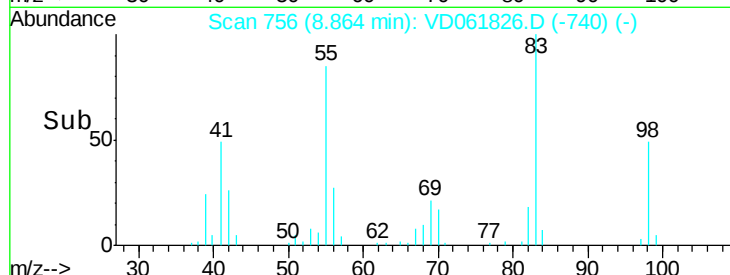
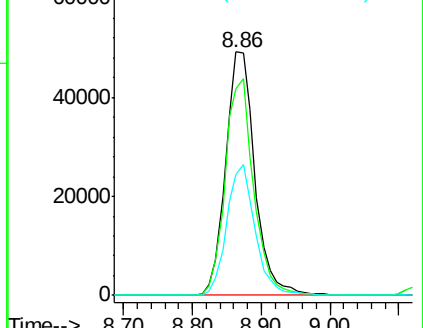
98 49.4 38.2 57.4



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 18.781 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.04 min

Lab File: VD061826.D

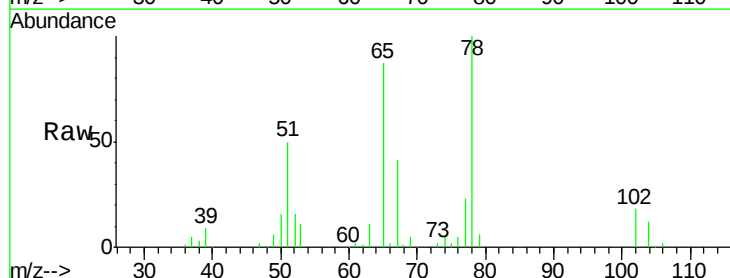
Acq: 17 Apr 2019 00:56

Tgt Ion: 78 Resp: 354334

Ion Ratio Lower Upper

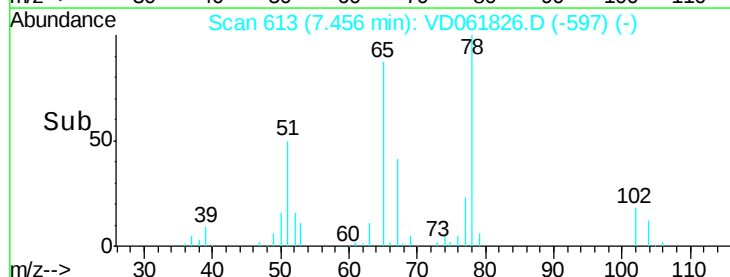
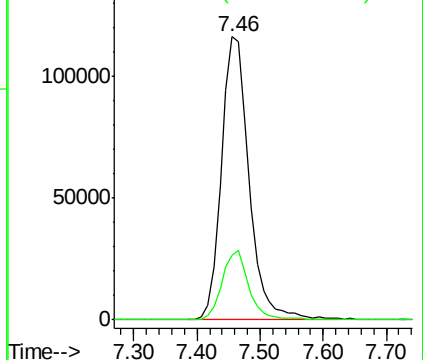
78 100

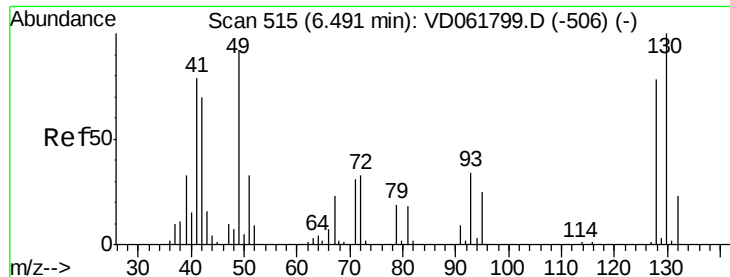
77 22.8 19.7 29.5



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 20.497 ug/l

RT: 6.45 min Scan# 511

Delta R.T. -0.04 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

Tot Ion: 41 Resp: 81483

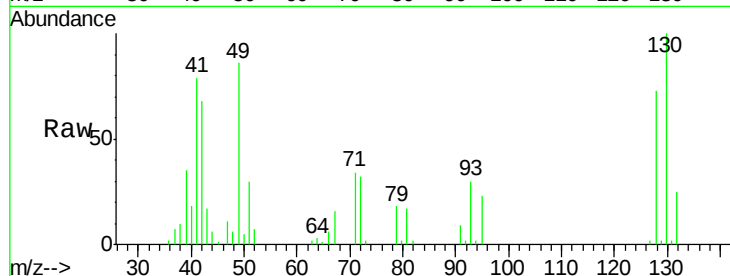
Ion Ratio Lower Upper

41 100

39 43.6 34.1 51.1

67 20.2 23.8 35.6#

52 8.5 8.8 13.2#

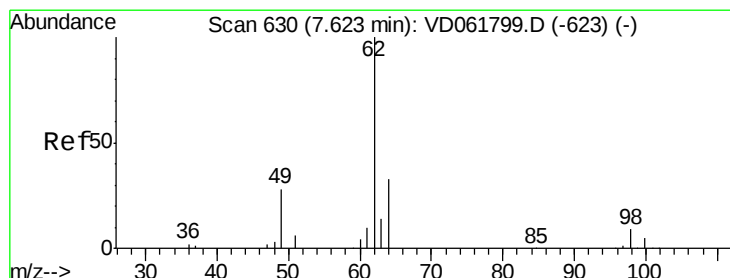
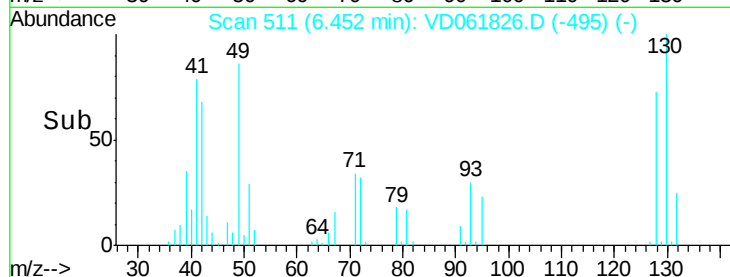
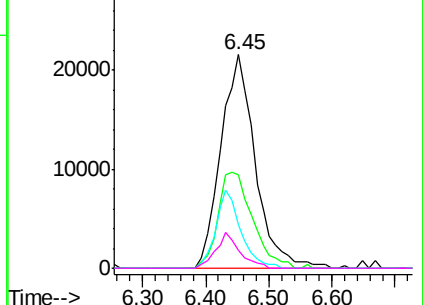


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 19.051 ug/l

RT: 7.58 min Scan# 626

Delta R.T. -0.04 min

Lab File: VD061826.D

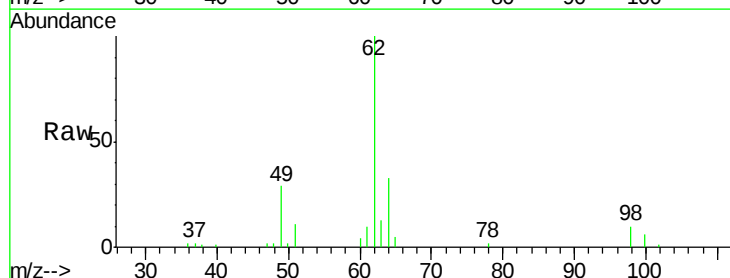
Acq: 17 Apr 2019 00:56

Tgt Ion: 62 Resp: 125175

Ion Ratio Lower Upper

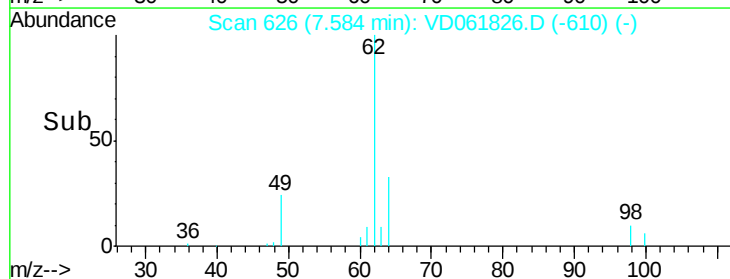
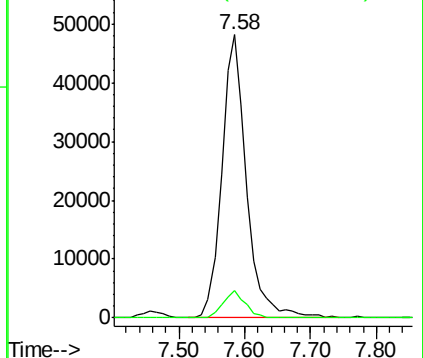
62 100

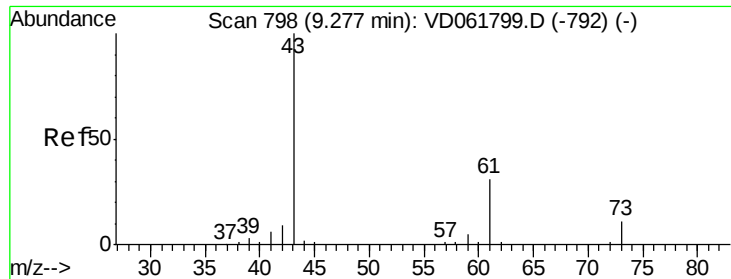
98 9.8 0.0 17.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



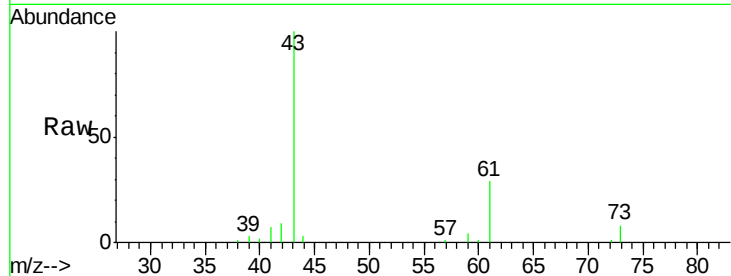


#43

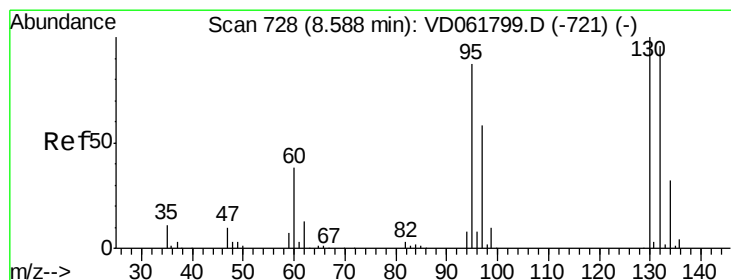
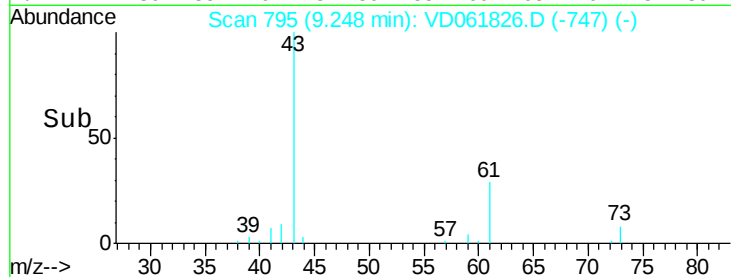
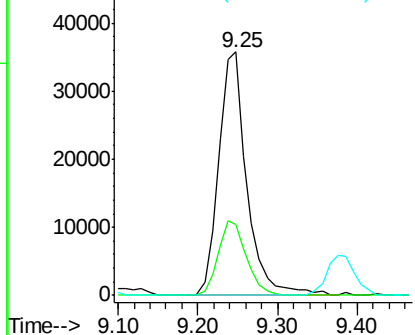
Isopropyl Acetate  
 Concen: 18.703 ug/l  
 RT: 9.25 min Scan# 795  
 Delta R.T. -0.03 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

Tot Ion: 43 Resp: 88523  
 Ion Ratio Lower Upper  
 43 100  
 61 28.9 25.1 37.7  
 87 0.0 0.0 0.0



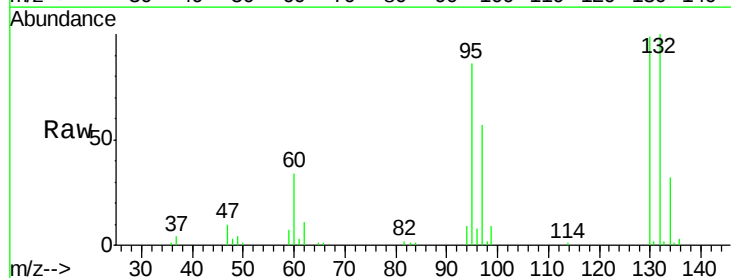
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



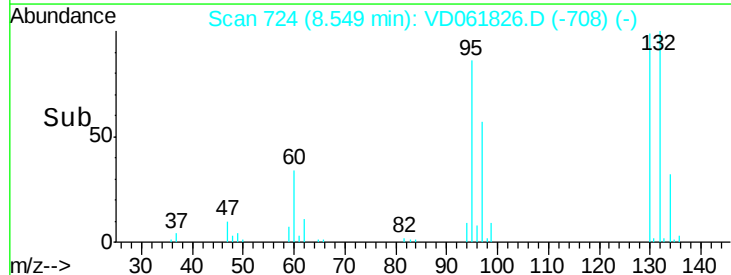
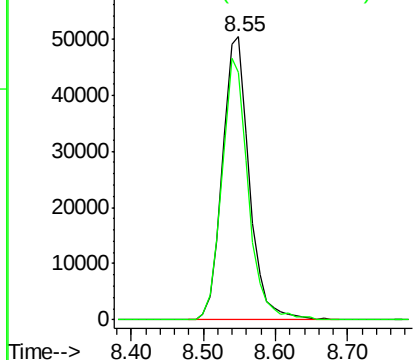
#44

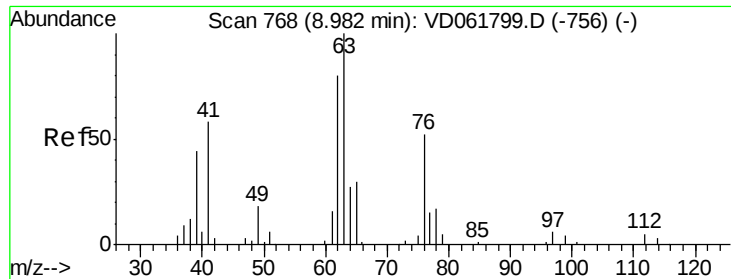
Trichloroethene  
 Concen: 17.852 ug/l  
 RT: 8.55 min Scan# 724  
 Delta R.T. -0.04 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Tgt Ion: 130 Resp: 129655  
 Ion Ratio Lower Upper  
 130 100  
 95 87.5 0.0 174.0



Abundance Ion 129.80 (129.50 to 130.50): VDC  
 Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 18.772 ug/l

RT: 8.94 min Scan# 764

Delta R.T. -0.04 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

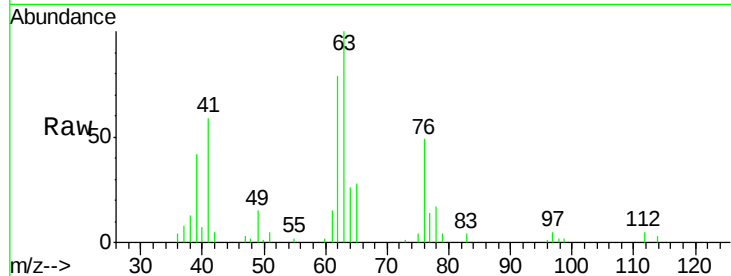
VD0416SBS02

Tot Ion: 63 Resp: 92249

Ion Ratio Lower Upper

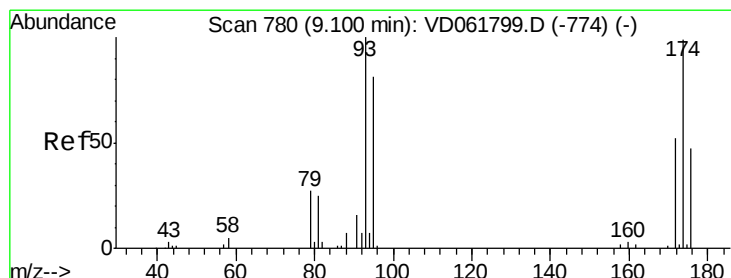
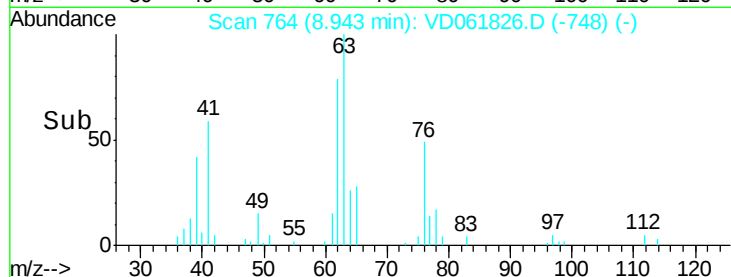
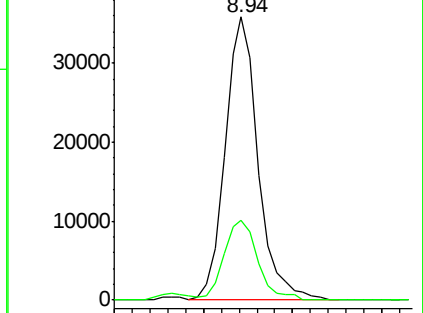
63 100

65 28.2 23.8 35.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 19.001 ug/l

RT: 9.07 min Scan# 777

Delta R.T. -0.03 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

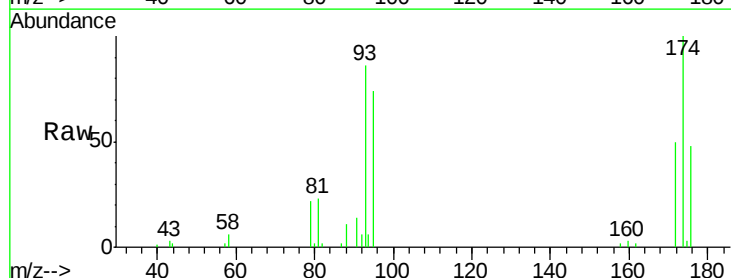
Tgt Ion: 93 Resp: 66532

Ion Ratio Lower Upper

93 100

95 85.9 64.8 97.2

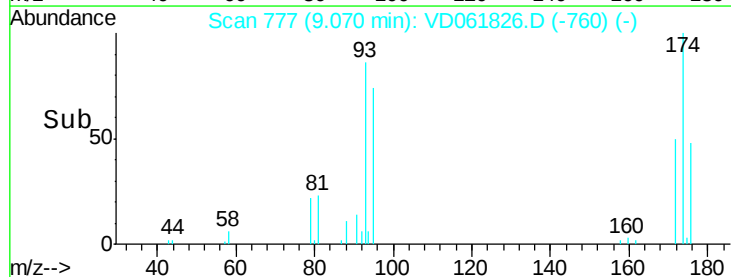
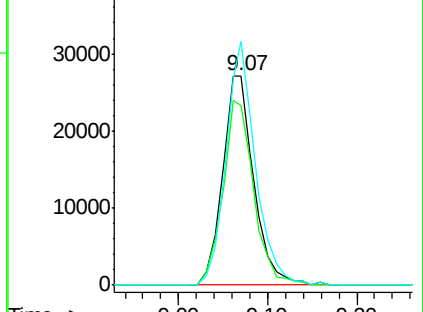
174 116.4 79.3 118.9

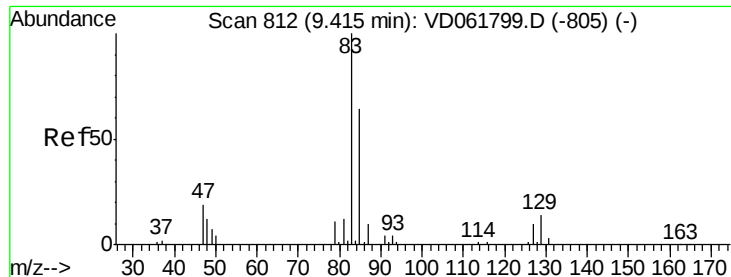


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 18.384 ug/l

RT: 9.38 min Scan# 808

Delta R.T. -0.04 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

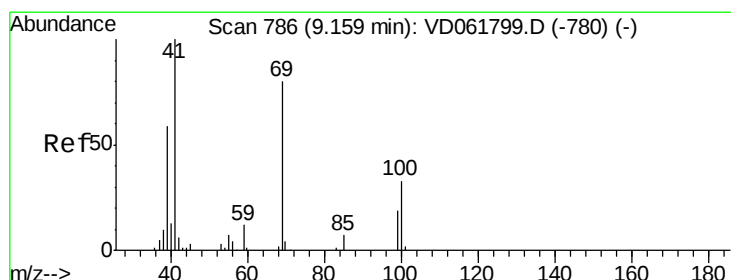
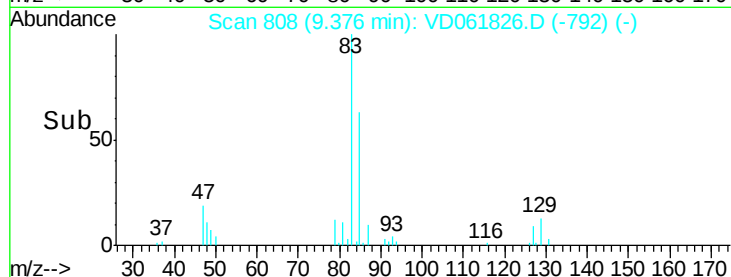
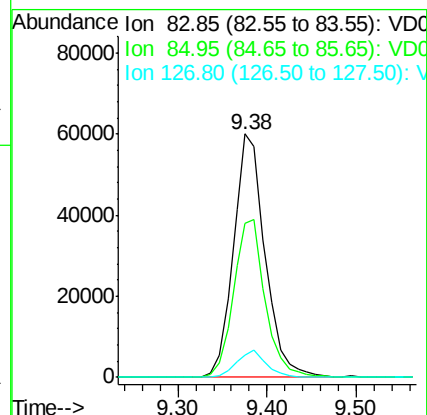
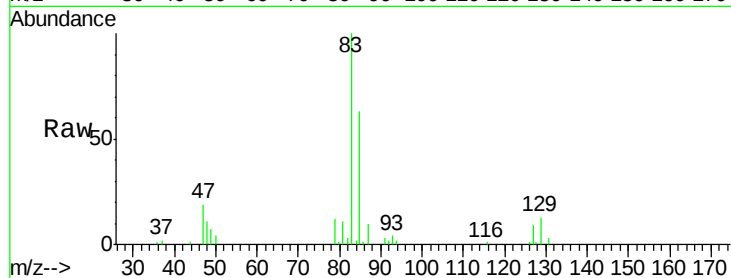
Tot Ion: 83 Resp: 148513

Ion Ratio Lower Upper

83 100

85 63.5 50.9 76.3

127 9.3 8.1 12.1



#48

Methyl methacrylate

Concen: 18.393 ug/l

RT: 9.12 min Scan# 782

Delta R.T. -0.04 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

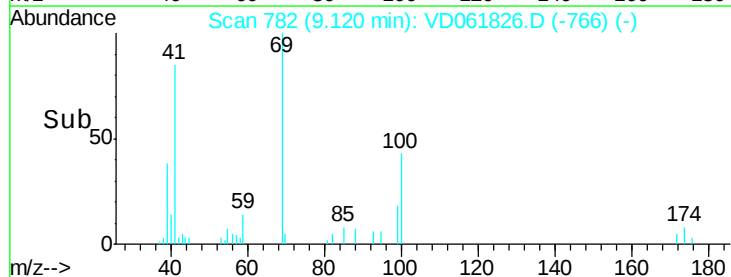
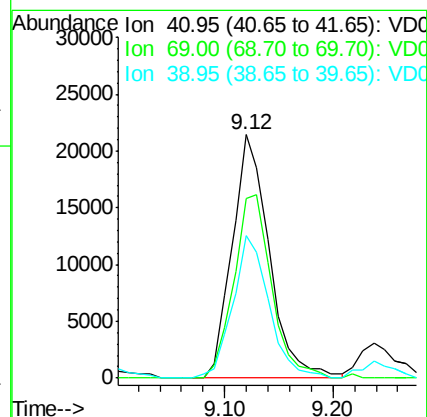
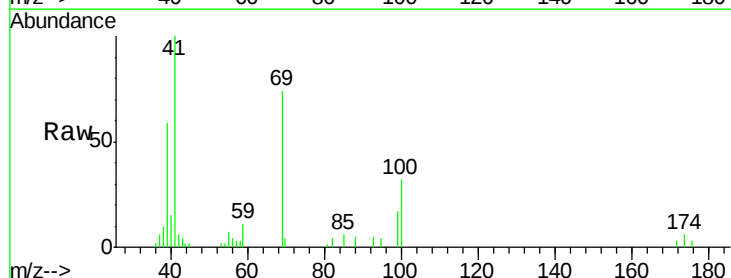
Tgt Ion: 41 Resp: 51173

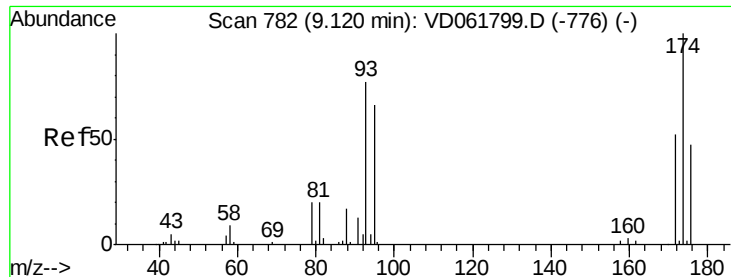
Ion Ratio Lower Upper

41 100

69 73.7 64.2 96.2

39 58.5 46.8 70.2





#49

1,4-Dioxane

Concen: 412.772 ug/l

RT: 9.08 min Scan# 778

Delta R.T. -0.04 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

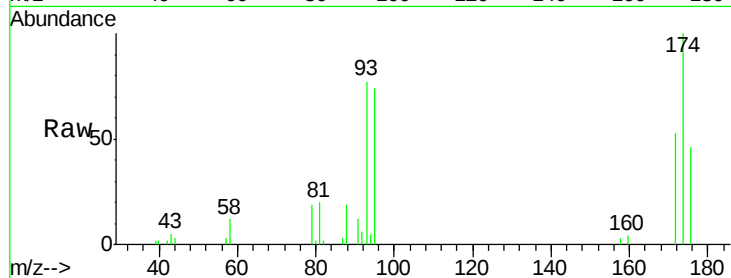
Tot Ion: 88 Resp: 12552

Ion Ratio Lower Upper

88 100

43 27.7 23.4 35.0

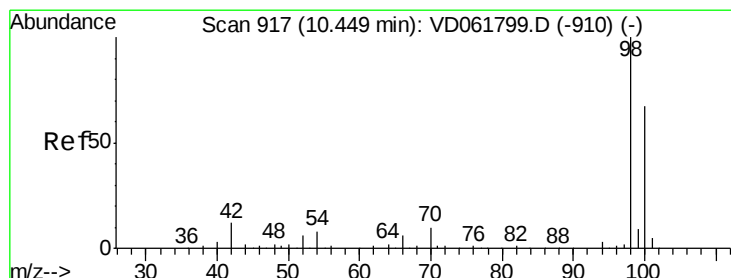
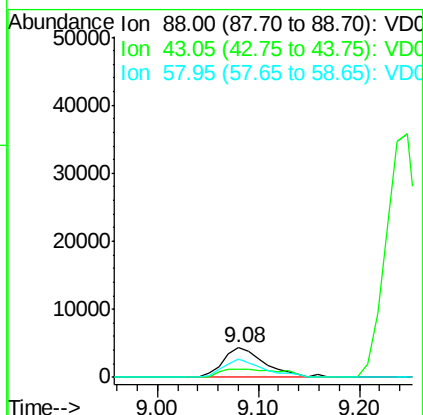
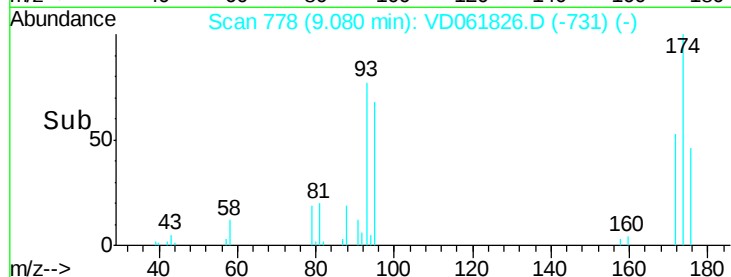
58 60.8 44.0 66.0



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: 412.772 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.04 min

Lab File: VD061826.D

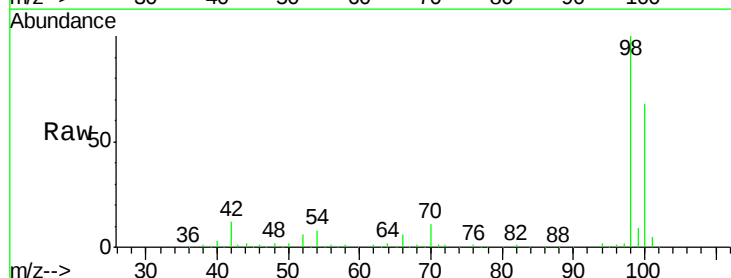
Acq: 17 Apr 2019 00:56

Tgt Ion: 98 Resp: 948134

Ion Ratio Lower Upper

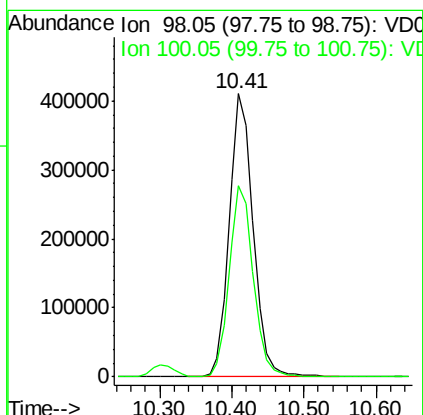
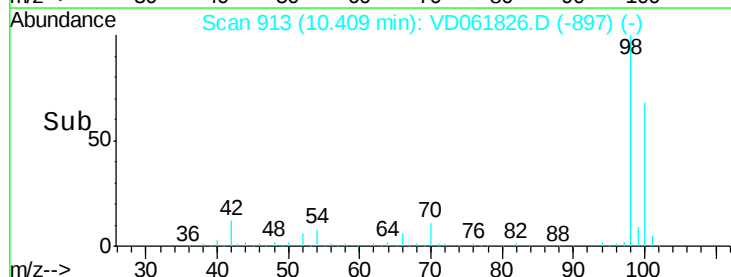
98 100

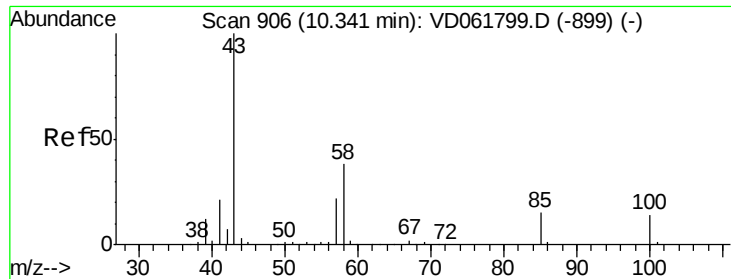
100 67.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 104.157 ug/l

RT: 10.30 min Scan# 902

Delta R.T. -0.04 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleID :

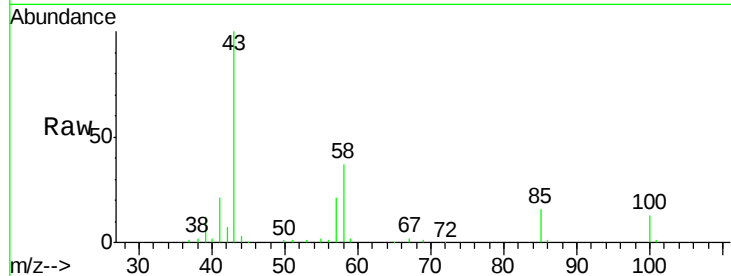
VD0416SBS02

Tot Ion: 43 Resp: 301474

Ion Ratio Lower Upper

43 100

58 36.7 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.30

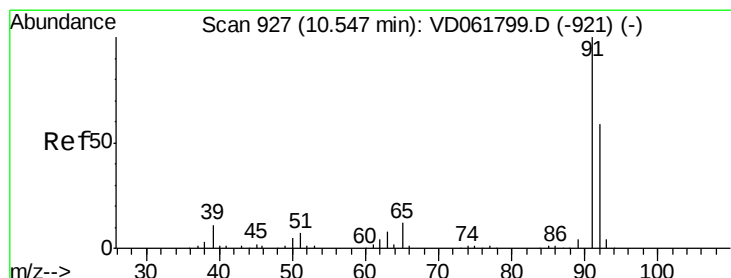
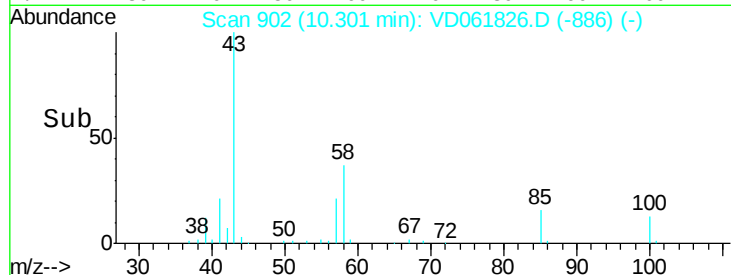
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.586 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.04 min

Lab File: VD061826.D

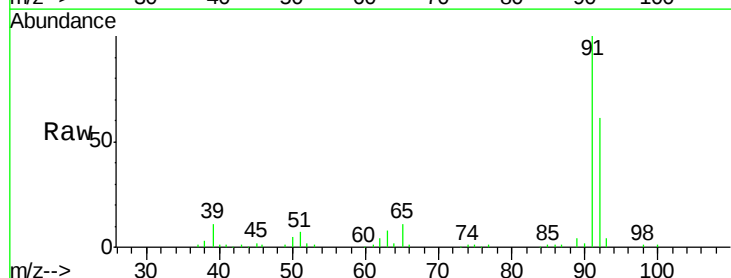
Acq: 17 Apr 2019 00:56

Tgt Ion: 92 Resp: 224702

Ion Ratio Lower Upper

92 100

91 164.5 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.51

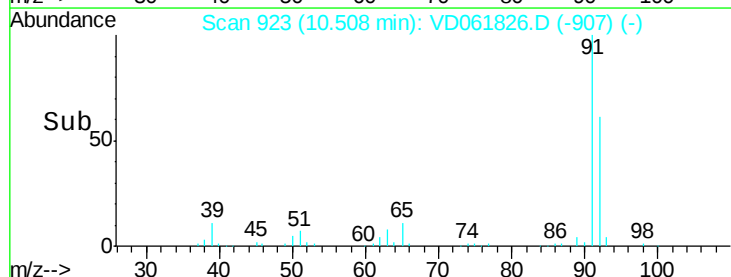
150000

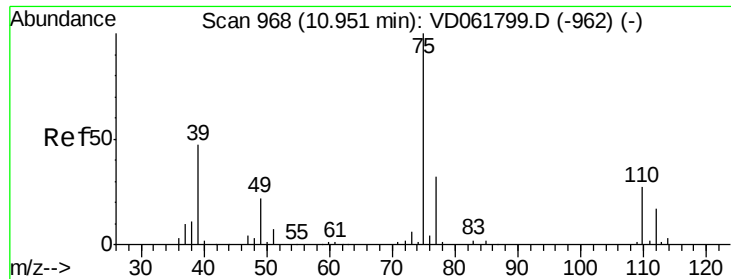
100000

50000

0

Time-->

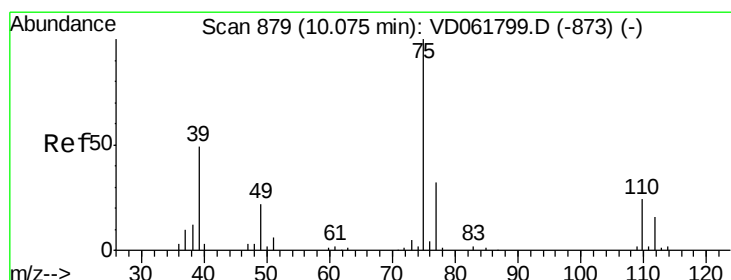
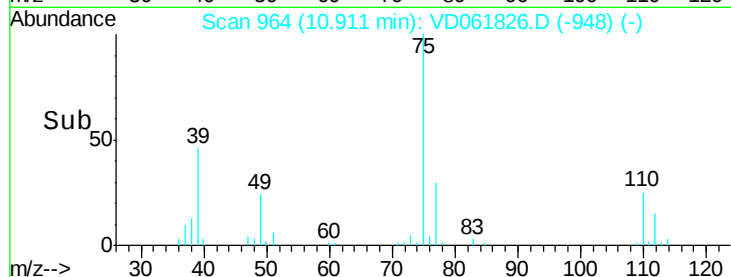
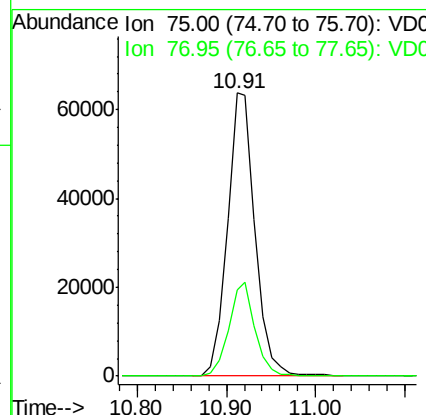
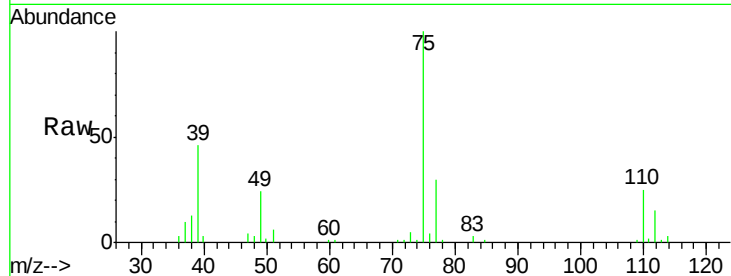




#53  
 t-1,3-Dichloropropene  
 Concen: 19.045 ug/l  
 RT: 10.91 min Scan# 964  
 Delta R.T. -0.04 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

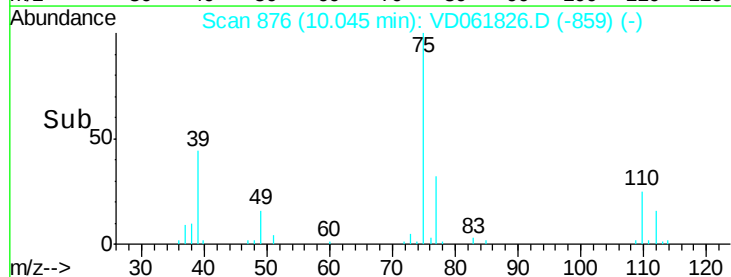
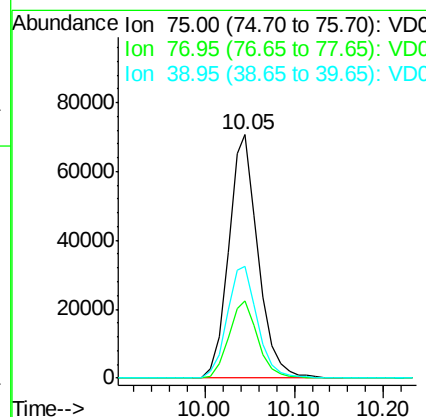
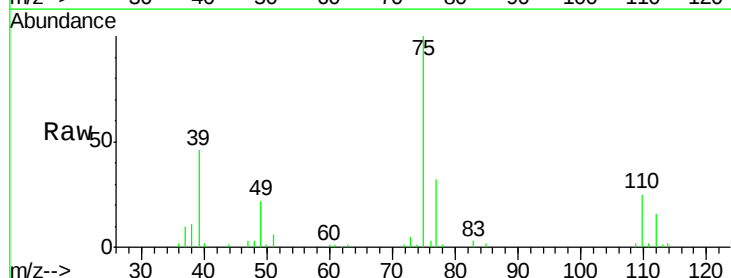
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

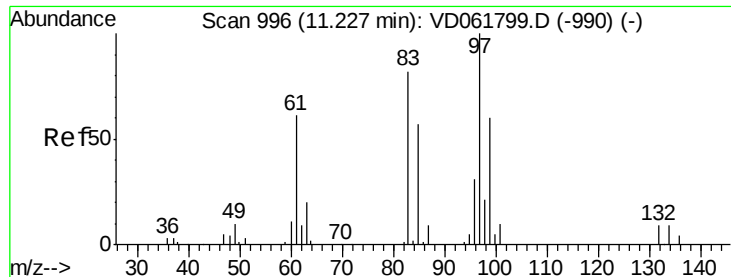
Tot Ion: 75 Resp: 138626  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.071 ug/l  
 RT: 10.05 min Scan# 876  
 Delta R.T. -0.03 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Tgt Ion: 75 Resp: 162947  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.5 38.3  
 39 45.7 39.4 59.2

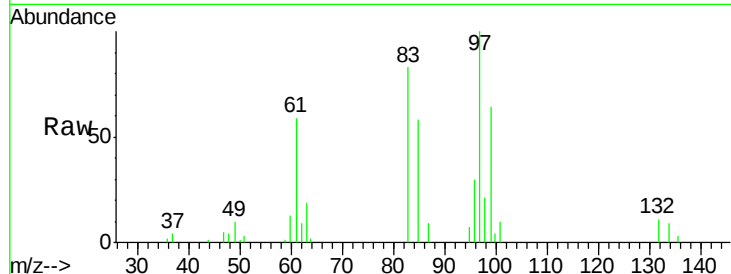




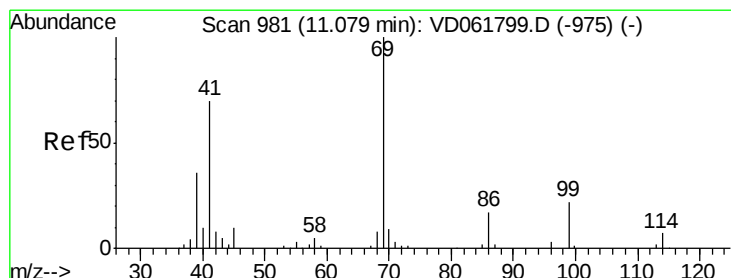
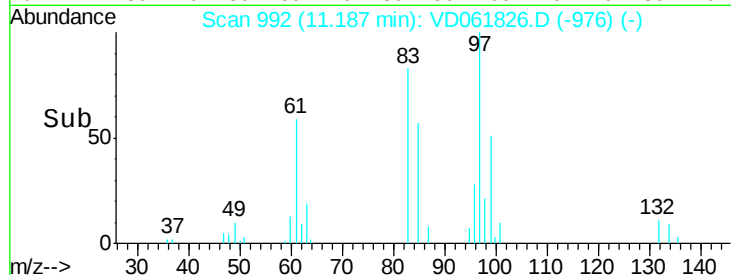
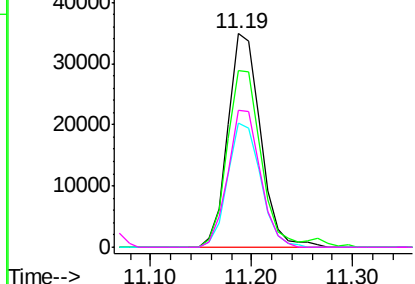
#55  
 1,1,2-Trichloroethane  
 Concen: 19.227 ug/l  
 RT: 11.19 min Scan# 992  
 Delta R.T. -0.04 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 78331 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.7  | 65.7  | 98.5  |
| 85       | 58.3  | 45.6  | 68.4  |
| 99       | 64.2  | 48.4  | 72.6  |

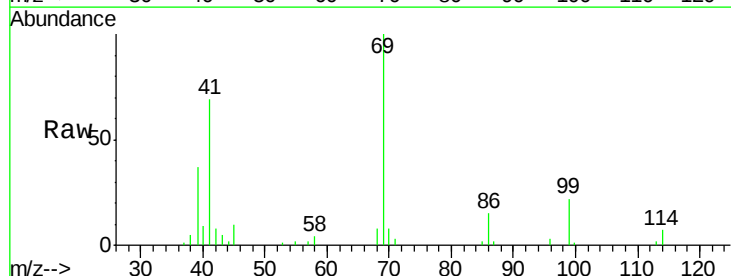


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

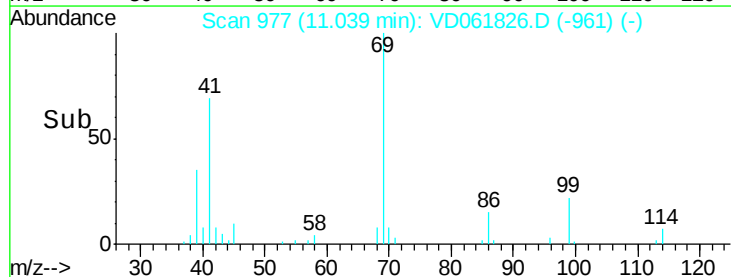
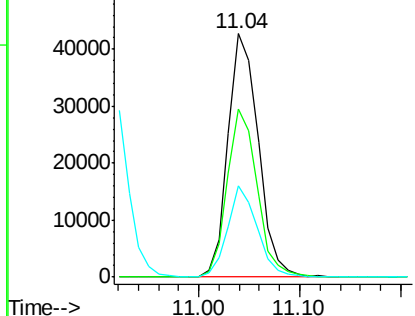


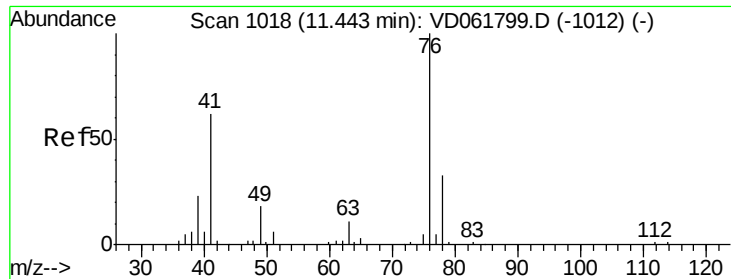
#56  
 Ethyl methacrylate  
 Concen: 20.029 ug/l  
 RT: 11.04 min Scan# 977  
 Delta R.T. -0.04 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 89555 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 69.0  | 56.3  | 84.5  |
| 39       | 37.4  | 29.4  | 44.2  |



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

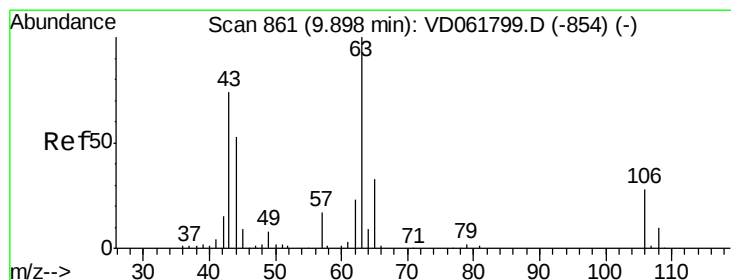
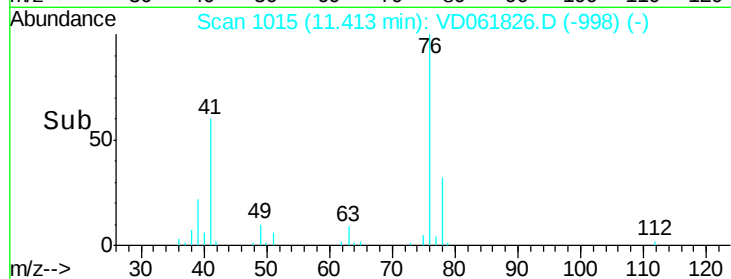
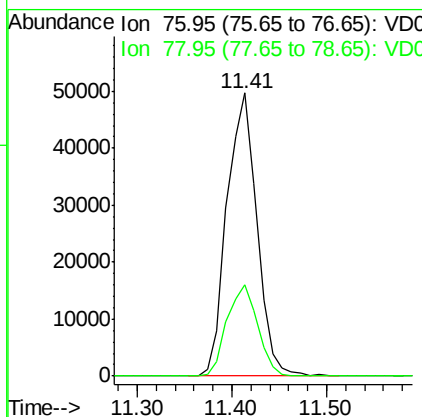
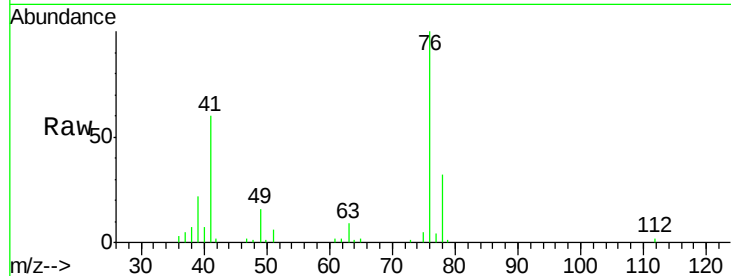




#57  
 1,3-Dichloropropane  
 Concen: 17.783 ug/l  
 RT: 11.41 min Scan# 1015  
 Delta R.T. -0.03 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

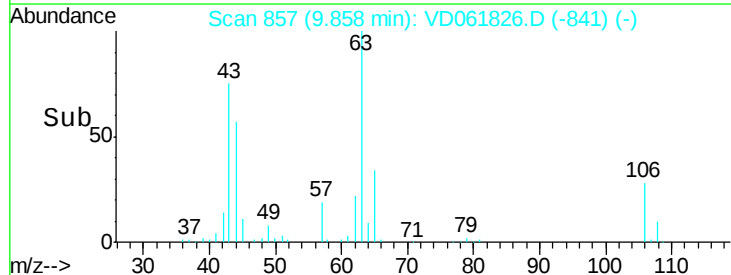
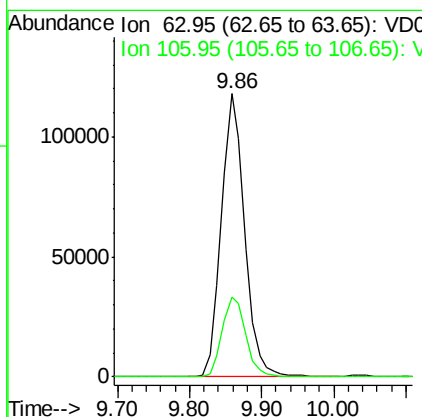
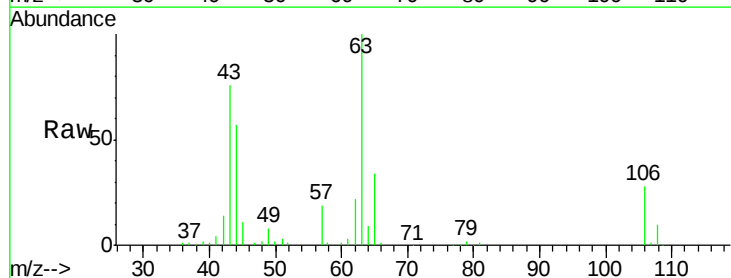
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

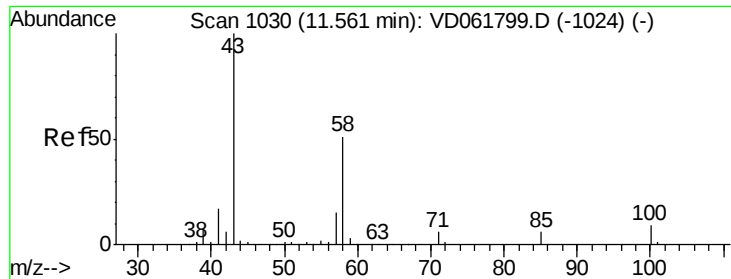
Tot Ion: 76 Resp: 108916  
 Ion Ratio Lower Upper  
 76 100  
 78 32.1 26.2 39.2



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 123.626 ug/l  
 RT: 9.86 min Scan# 857  
 Delta R.T. -0.04 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Tgt Ion: 63 Resp: 262920  
 Ion Ratio Lower Upper  
 63 100  
 106 28.4 22.6 34.0

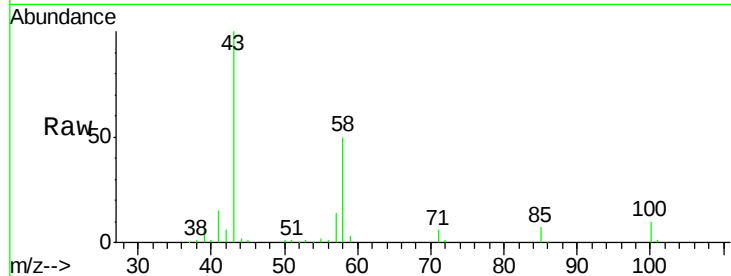




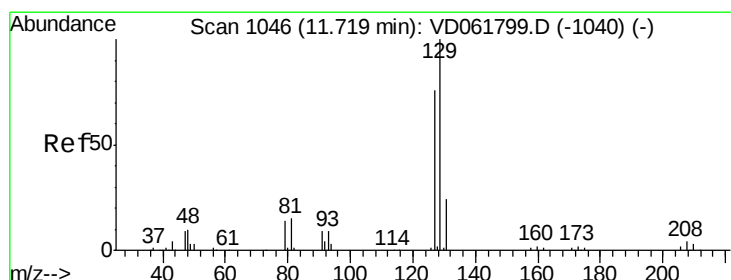
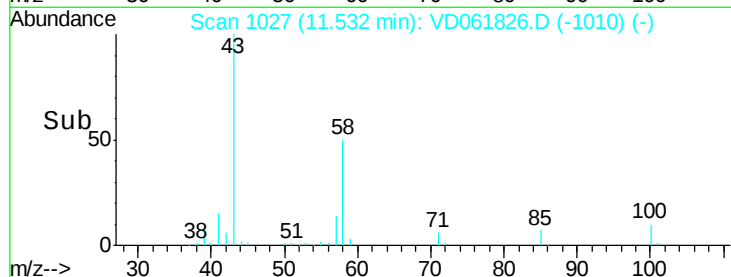
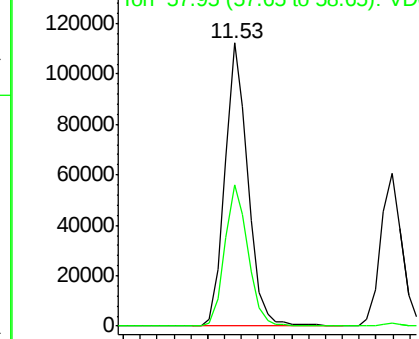
#59  
2-Hexanone  
Concen: 98.391 ug/l  
RT: 11.53 min Scan# 1027  
Delta R.T. -0.03 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0416SBS02

Tot Ion: 43 Resp: 211517  
Ion Ratio Lower Upper  
43 100  
58 49.8 25.4 76.4

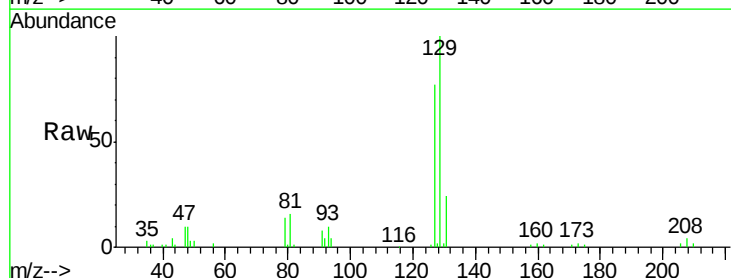


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

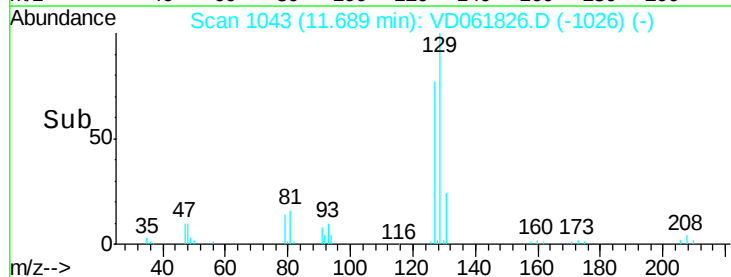
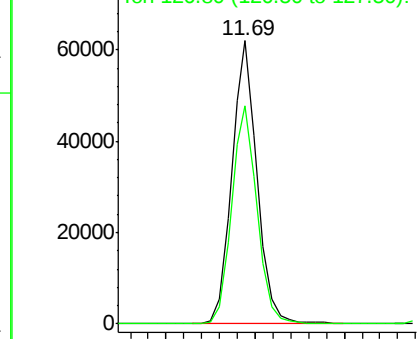


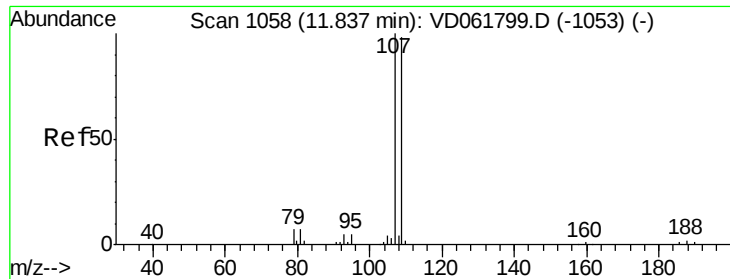
#60  
Dibromochloromethane  
Concen: 18.402 ug/l  
RT: 11.69 min Scan# 1043  
Delta R.T. -0.03 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Tgt Ion: 129 Resp: 122664  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.0 113.9



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

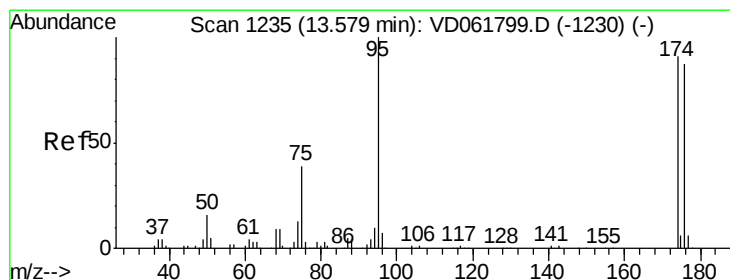
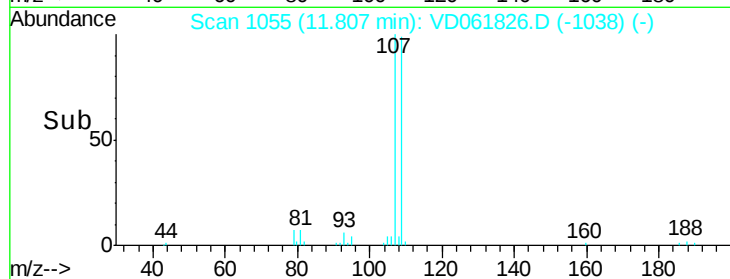
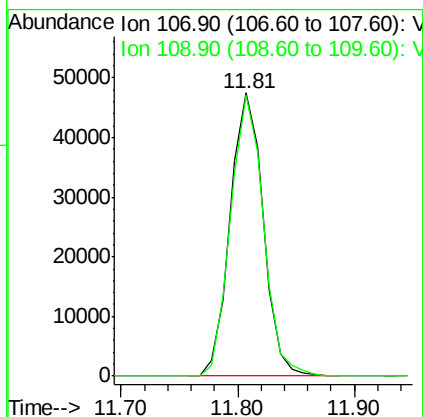
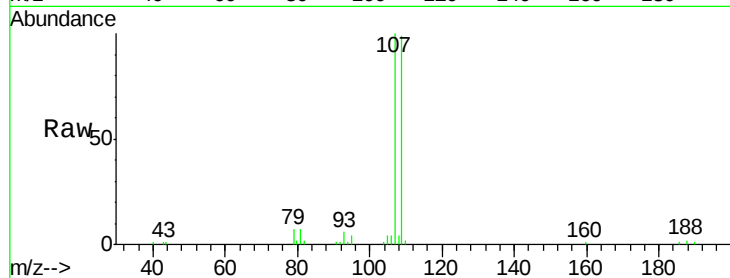




#61  
 1,2-Dibromoethane  
 Concen: 18.596 ug/l  
 RT: 11.81 min Scan# 1055  
 Delta R.T. -0.03 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

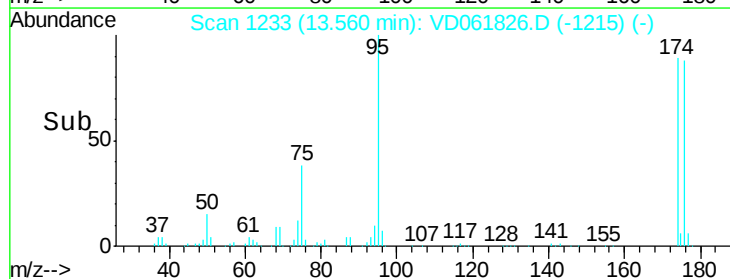
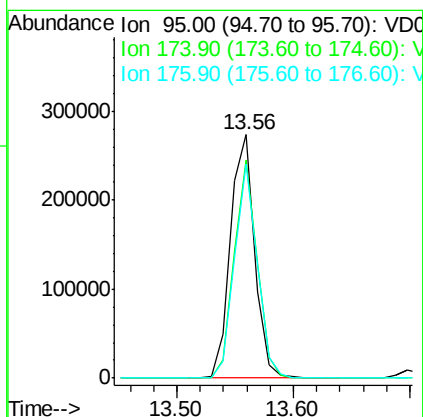
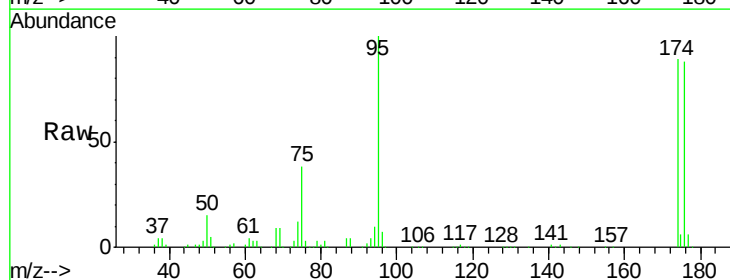
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

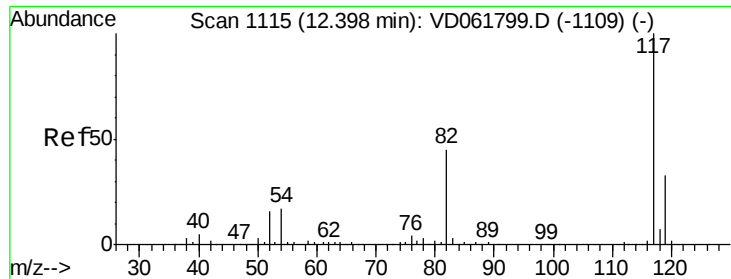
Tot Ion:107 Resp: 93152  
 Ion Ratio Lower Upper  
 107 100  
 109 99.2 78.3 117.5



#62  
 4-Bromofluorobenzene  
 Concen: 18.596 ug/l  
 RT: 13.56 min Scan# 1233  
 Delta R.T. -0.02 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Tgt Ion: 95 Resp: 392970  
 Ion Ratio Lower Upper  
 95 100  
 174 89.5 0.0 181.8  
 176 87.9 0.0 174.4

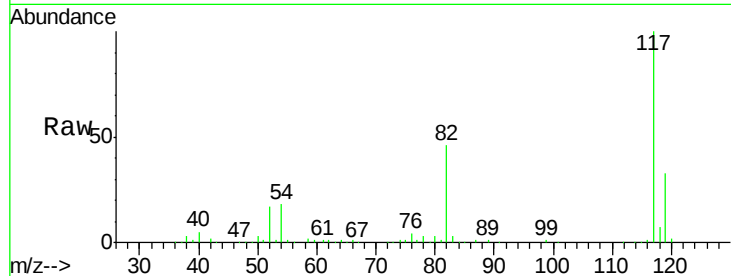




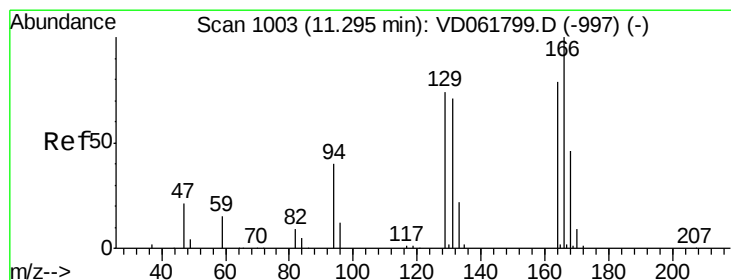
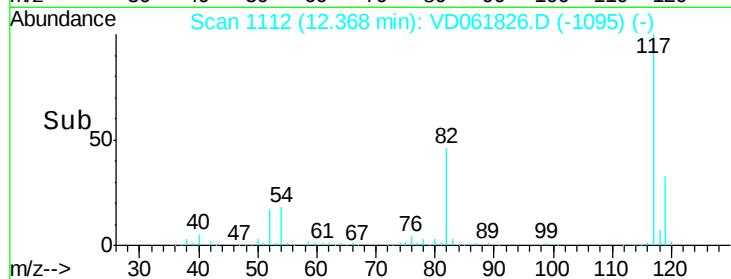
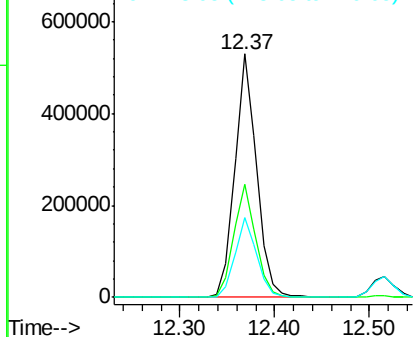
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.37 min Scan# 1112  
Delta R.T. -0.03 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0416SBS02

Tot Ion:117 Resp: 844033  
Ion Ratio Lower Upper  
117 100  
82 46.4 36.2 54.2  
119 32.7 26.2 39.4

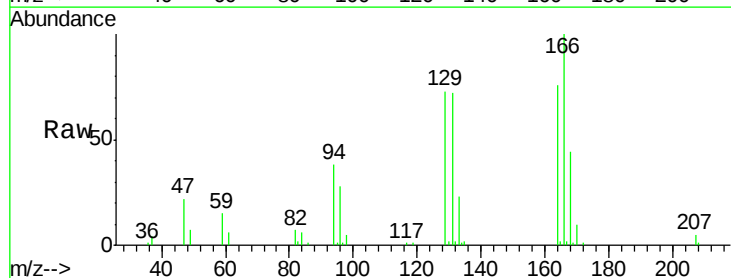


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

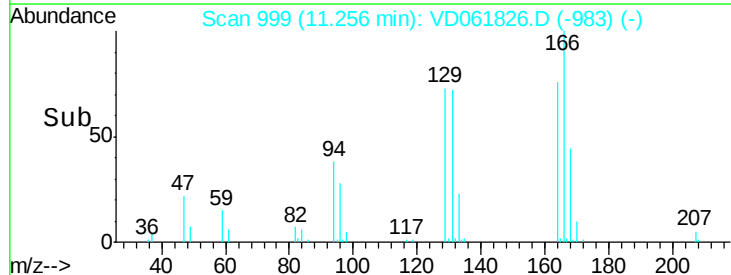
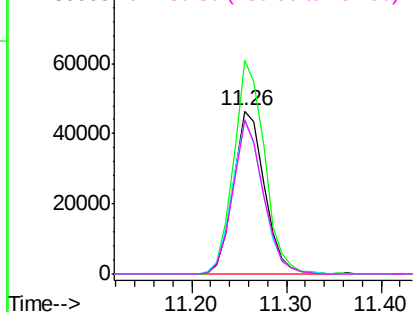


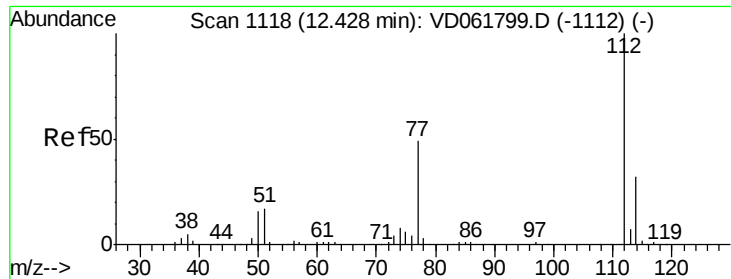
#64  
Tetrachloroethene  
Concen: 16.728 ug/l  
RT: 11.26 min Scan# 999  
Delta R.T. -0.04 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Tgt Ion:164 Resp: 105884  
Ion Ratio Lower Upper  
164 100  
166 131.3 101.5 152.3  
129 95.3 74.6 112.0  
131 94.8 72.6 108.8



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: 19.504 ug/l

RT: 12.40 min Scan# 1115

Delta R.T. -0.03 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

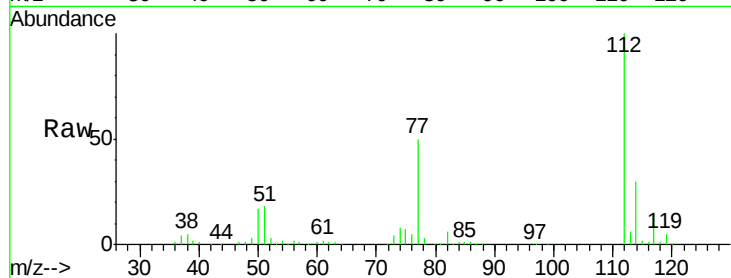
VD0416SBS02

Tot Ion:112 Resp: 306572

Ion Ratio Lower Upper

112 100

114 30.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V

200000

150000

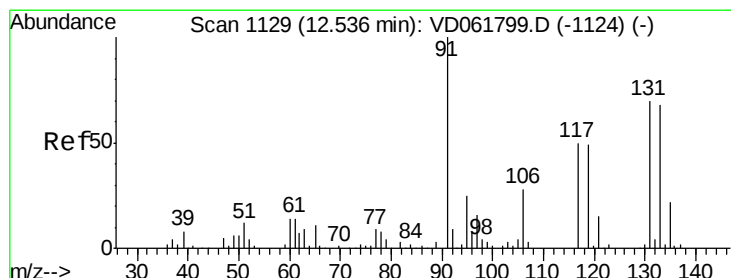
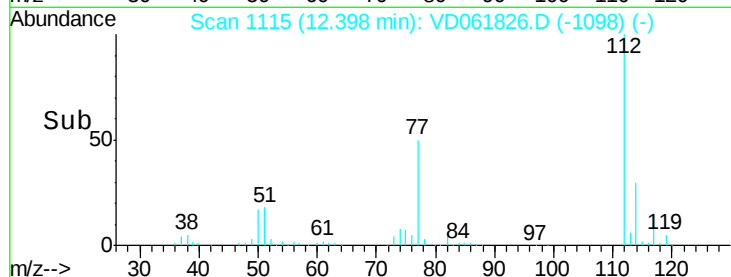
100000

50000

0

12.30 12.40 12.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.189 ug/l

RT: 12.52 min Scan# 1127

Delta R.T. -0.02 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

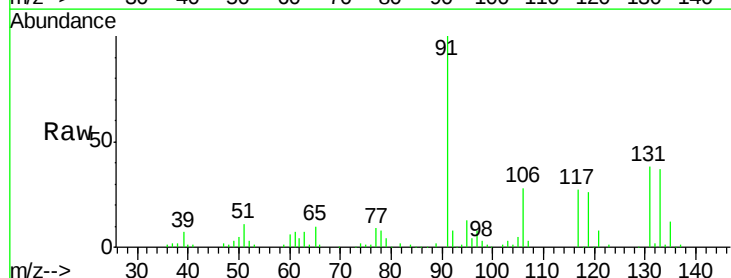
Tgt Ion:131 Resp: 113228

Ion Ratio Lower Upper

131 100

133 98.1 48.6 145.8

119 68.7 34.7 104.1



Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.85 (118.55 to 119.55): V

80000

60000

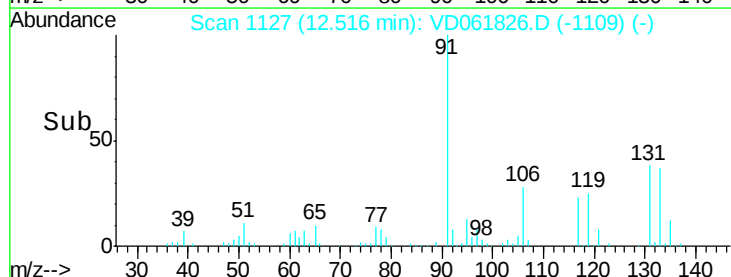
40000

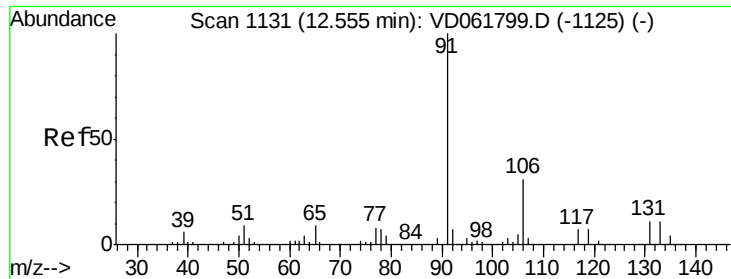
20000

0

12.50 12.52 12.60

Time-->

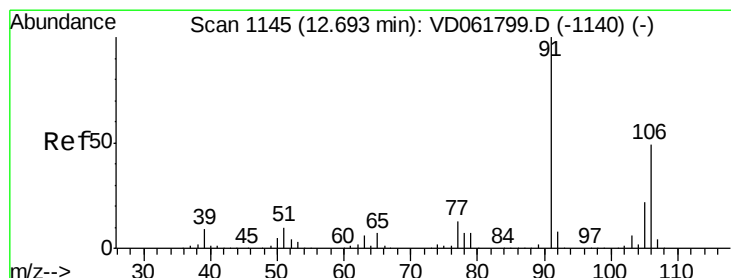
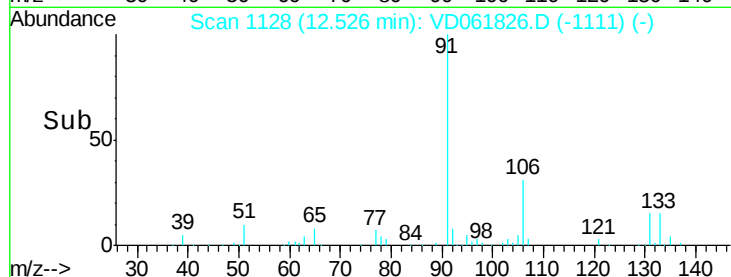
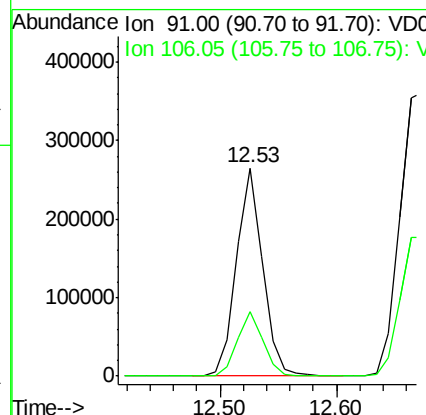
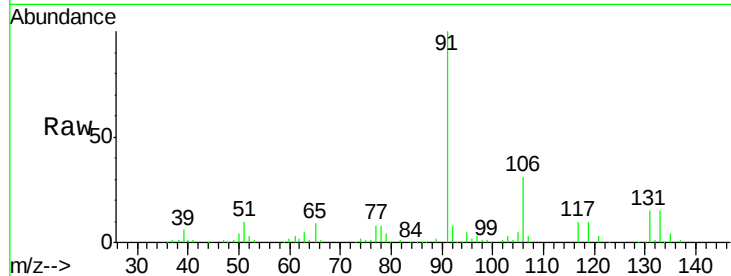




#67  
Ethyl Benzene  
Concen: 16.471 ug/l  
RT: 12.53 min Scan# 1128  
Delta R.T. -0.03 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

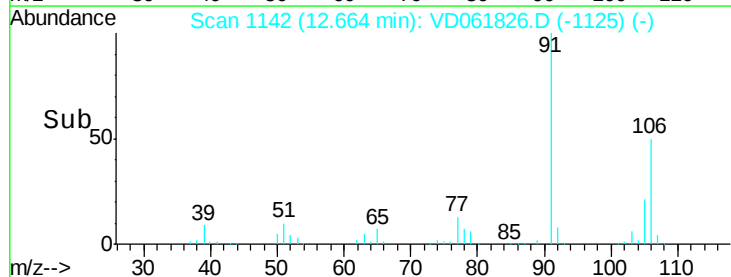
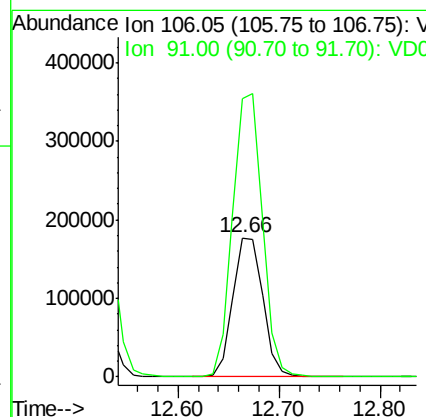
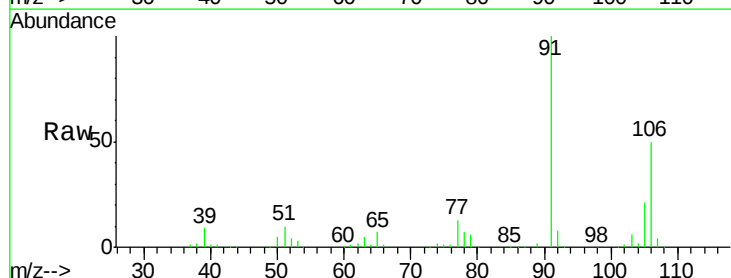
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0416SBS02

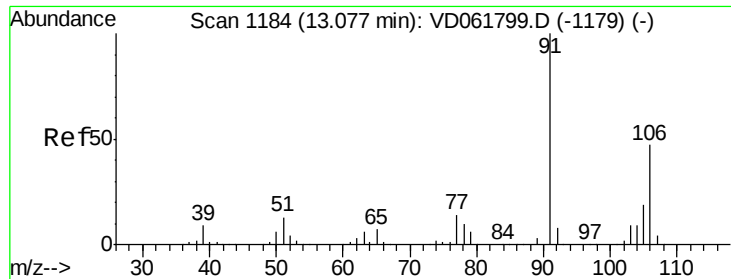
Tot Ion: 91 Resp: 414616  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.7 37.1



#68  
m/p-Xylenes  
Concen: 38.771 ug/l  
RT: 12.66 min Scan# 1142  
Delta R.T. -0.03 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Tgt Ion: 106 Resp: 366600  
Ion Ratio Lower Upper  
106 100  
91 200.7 164.0 246.0

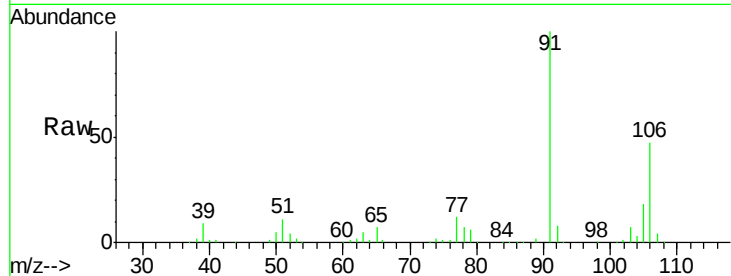




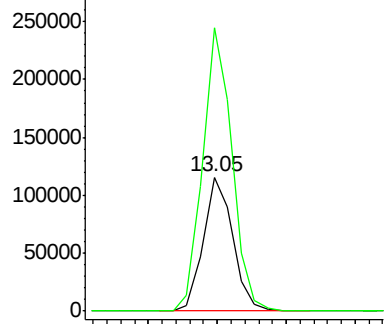
#69  
o-Xylene  
Concen: 19.398 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. -0.03 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Instrument :  
MSVOA\_D  
ClientSampleID :  
VD0416SBS02

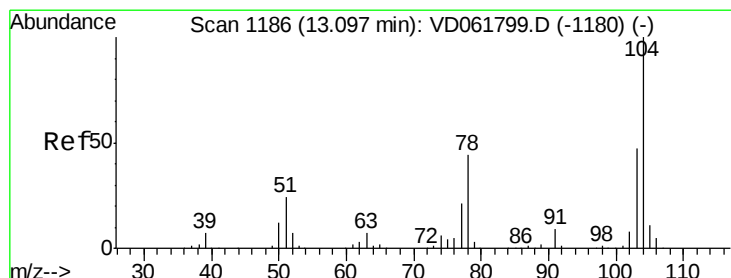
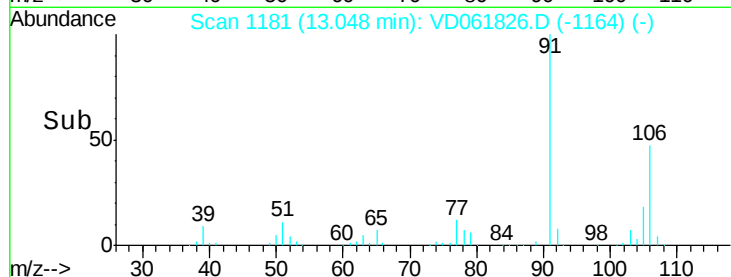
Tot Ion:106 Resp: 172401  
Ion Ratio Lower Upper  
106 100  
91 211.6 106.7 319.9



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

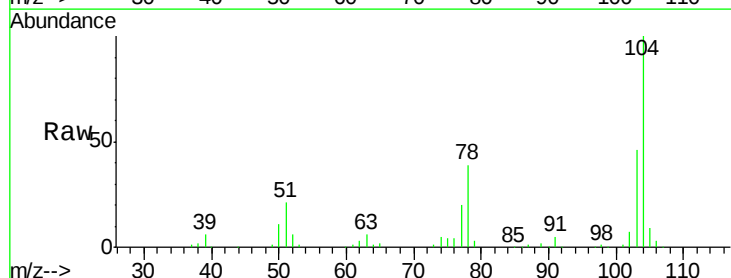


Time-->

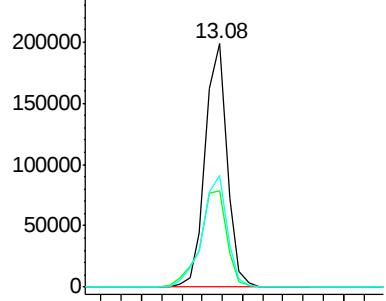


#70  
Styrene  
Concen: 19.541 ug/l  
RT: 13.08 min Scan# 1184  
Delta R.T. -0.02 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

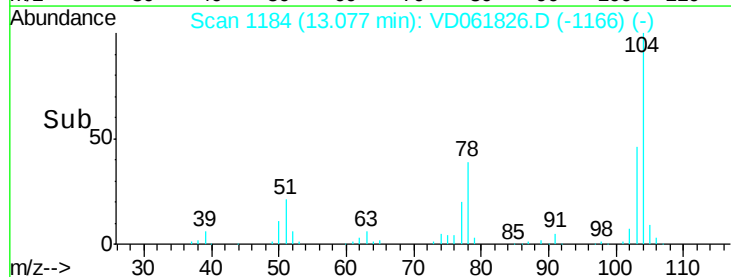
Tgt Ion:104 Resp: 298863  
Ion Ratio Lower Upper  
104 100  
78 39.4 35.4 53.2  
103 45.7 37.5 56.3

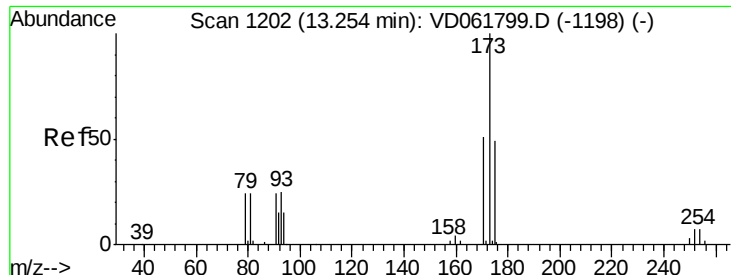


Abundance Ion 104.05 (103.75 to 104.75): V  
Ion 77.95 (77.65 to 78.65): VDC  
Ion 103.05 (102.75 to 103.75): V



Time-->





#71

Bromoform

Concen: 18.467 ug/l

RT: 13.23 min Scan# 1200

Delta R.T. -0.02 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

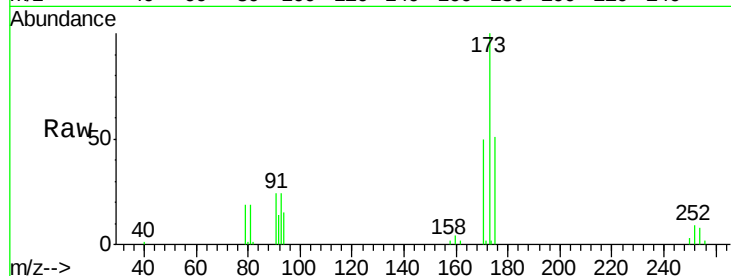
Tot Ion:173 Resp: 72206

Ion Ratio Lower Upper

173 100

175 51.1 24.4 73.4

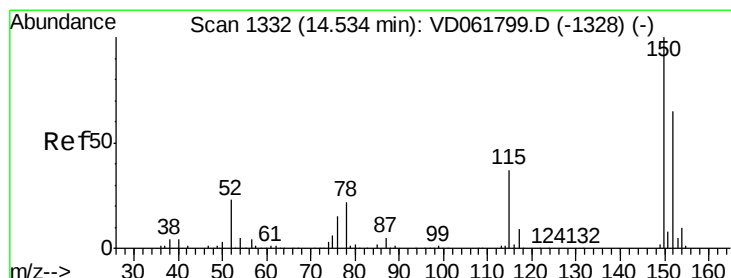
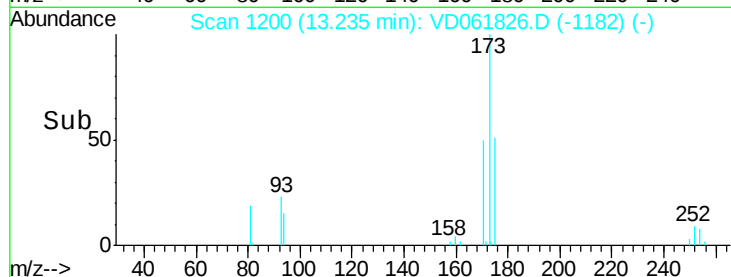
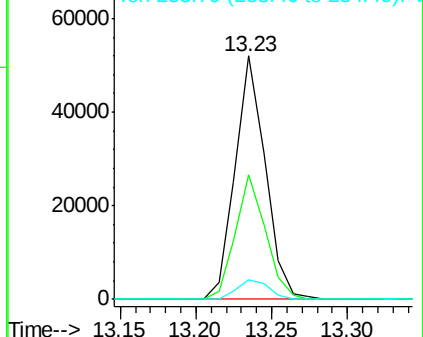
254 8.0 5.4 8.2



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: 14.52 min Scan# 1331

Delta R.T. -0.01 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

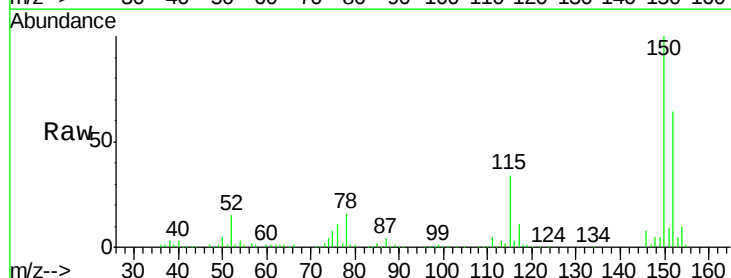
Tgt Ion:152 Resp: 392457

Ion Ratio Lower Upper

152 100

115 52.5 30.9 92.7

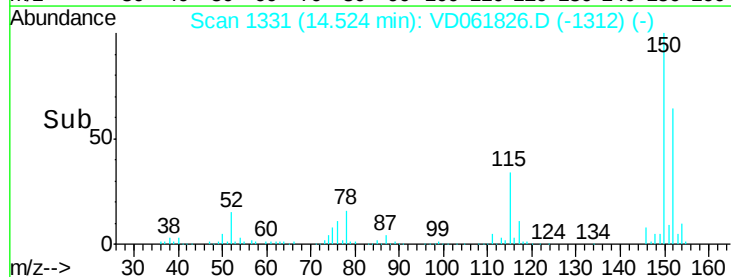
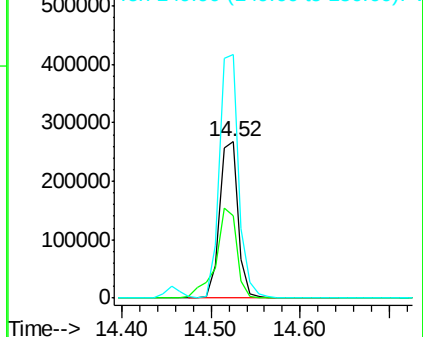
150 155.8 0.0 314.8

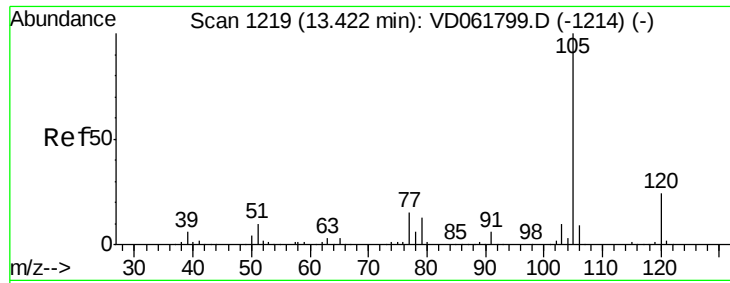


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

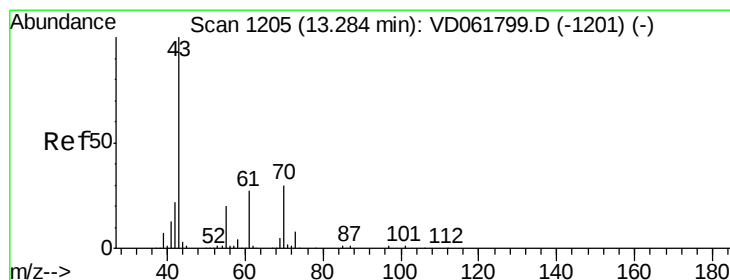
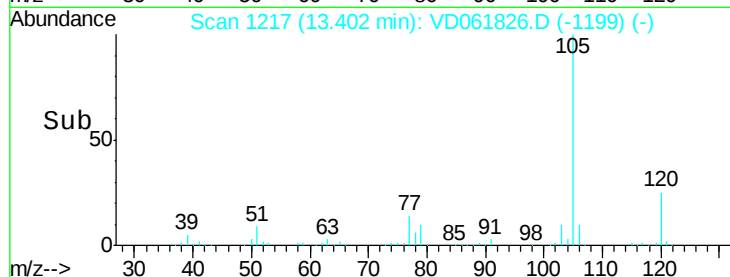
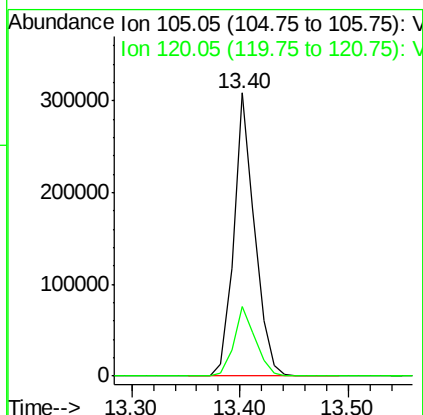
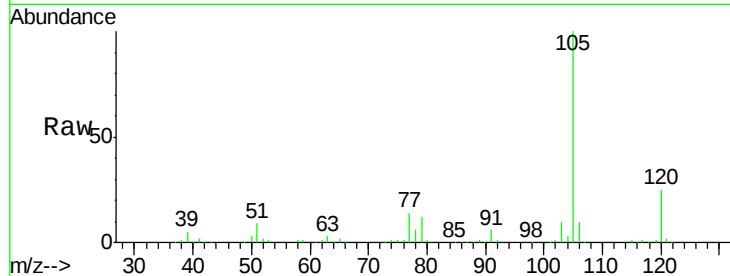




#73  
Isopropylbenzene  
Concen: 16.229 ug/l  
RT: 13.40 min Scan# 1217  
Delta R.T. -0.02 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

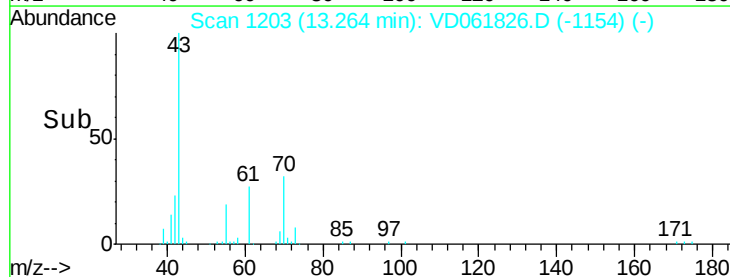
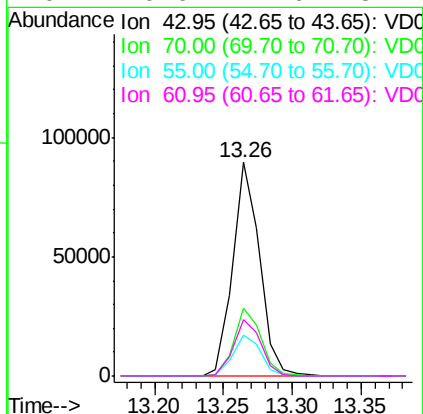
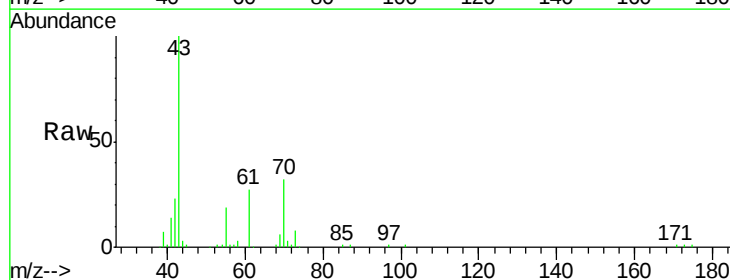
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0416SBS02

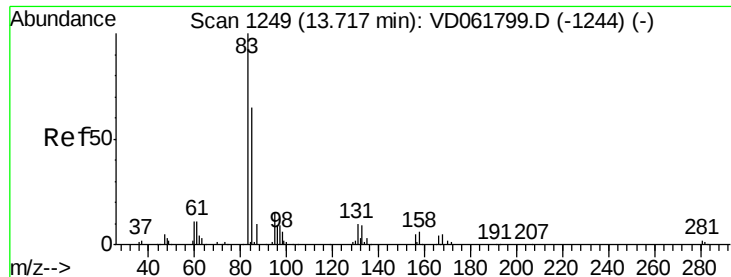
Tot Ion:105 Resp: 413058  
Ion Ratio Lower Upper  
105 100  
120 24.6 12.0 36.1



#74  
N-ethyl acetate  
Concen: 17.748 ug/l  
RT: 13.26 min Scan# 1203  
Delta R.T. -0.02 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Tgt Ion: 43 Resp: 121473  
Ion Ratio Lower Upper  
43 100  
70 31.5 24.2 36.4  
55 19.1 16.0 24.0  
61 26.6 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.637 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.02 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

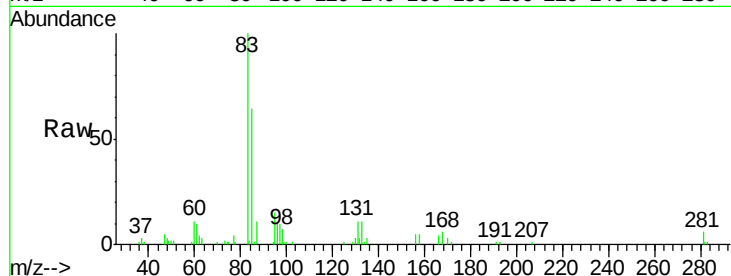
Tot Ion: 83 Resp: 88731

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

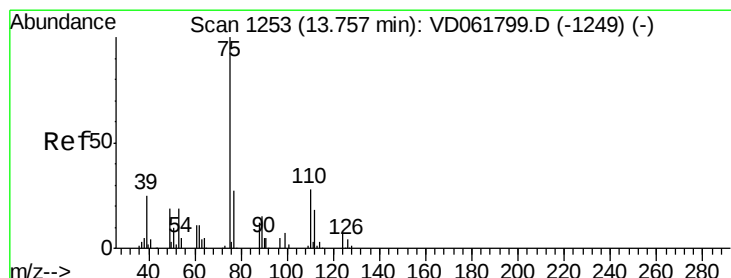
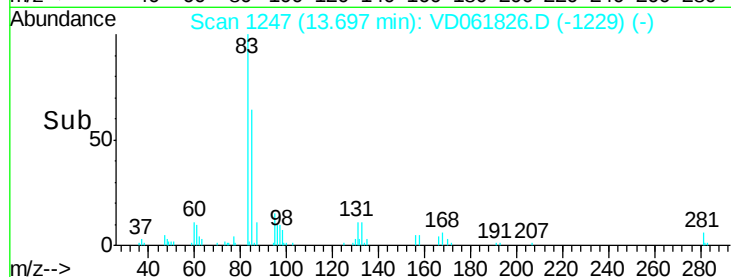
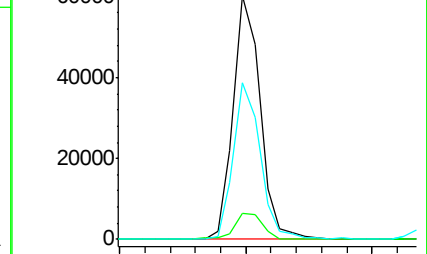
85 64.4 32.6 97.7



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 18.035 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. -0.02 min

Lab File: VD061826.D

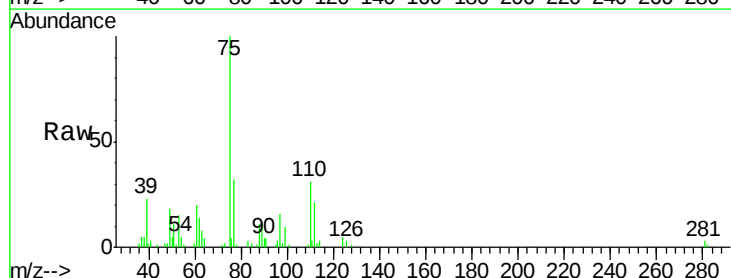
Acq: 17 Apr 2019 00:56

Tgt Ion: 75 Resp: 92950

Ion Ratio Lower Upper

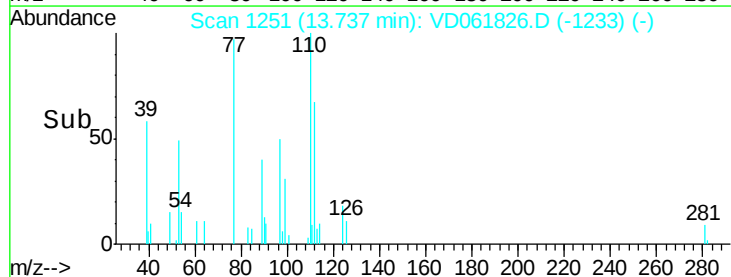
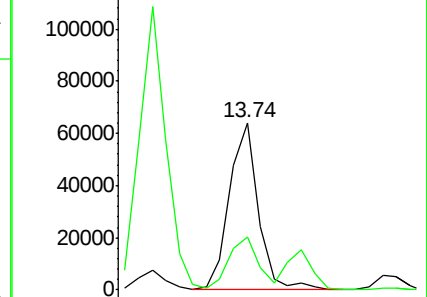
75 100

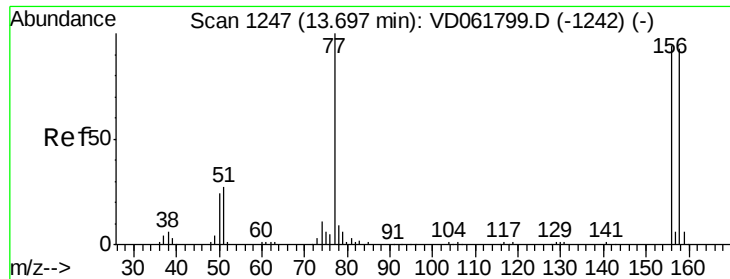
77 31.5 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 17.479 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.03 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

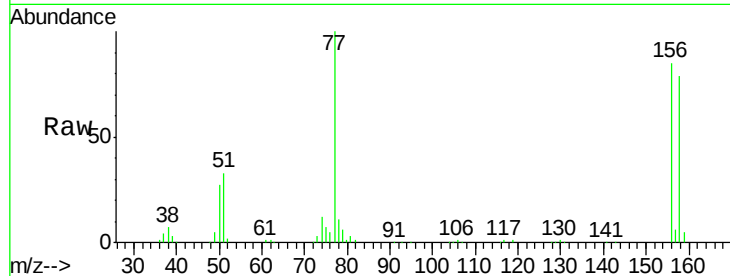
Tot Ion:156 Resp: 126371

Ion Ratio Lower Upper

156 100

77 117.7 53.1 159.4

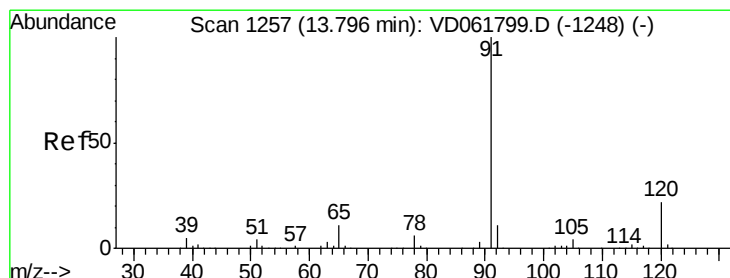
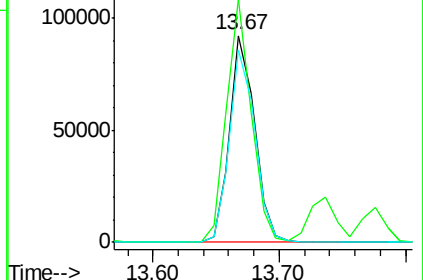
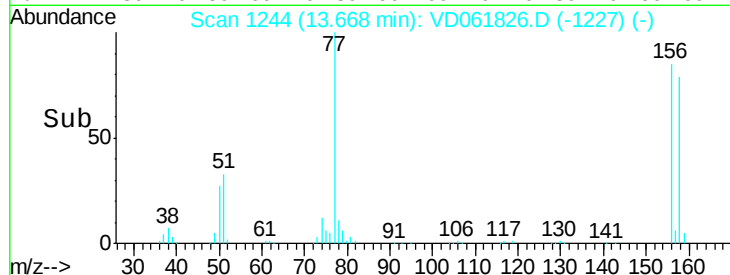
158 93.1 49.4 148.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 18.505 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.02 min

Lab File: VD061826.D

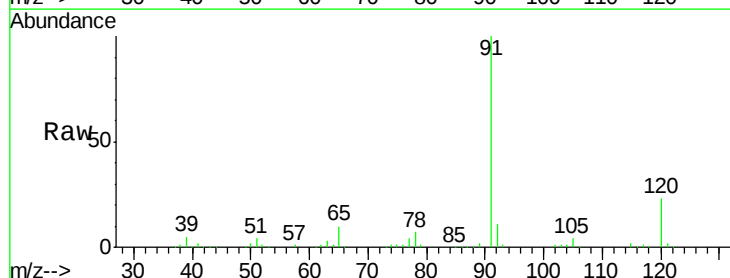
Acq: 17 Apr 2019 00:56

Tgt Ion: 91 Resp: 544166

Ion Ratio Lower Upper

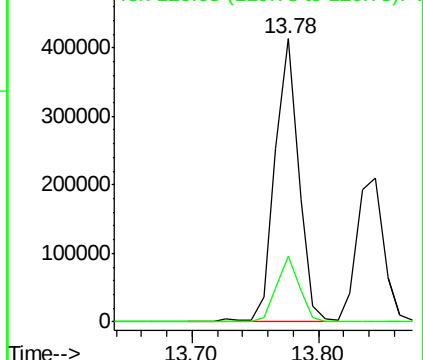
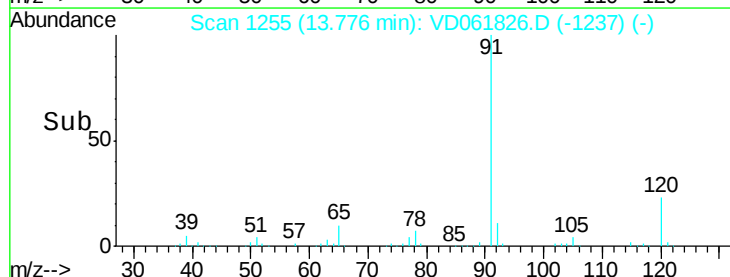
91 100

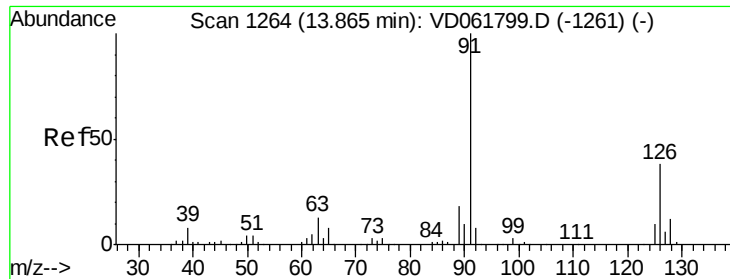
120 23.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

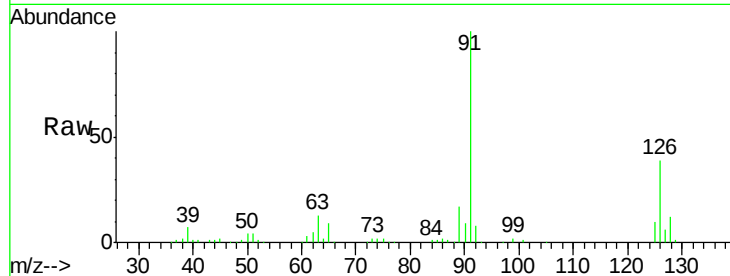




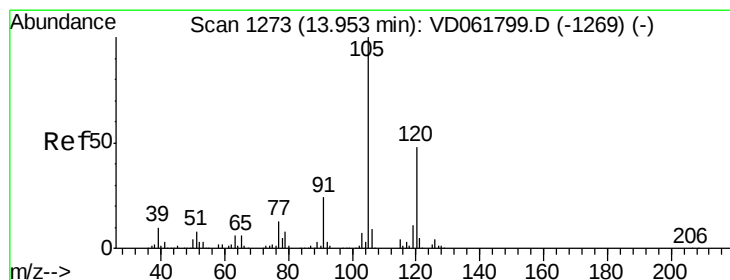
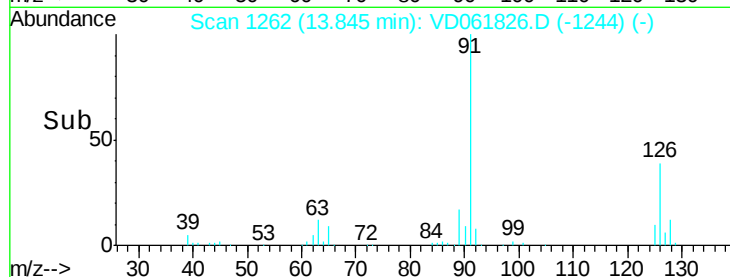
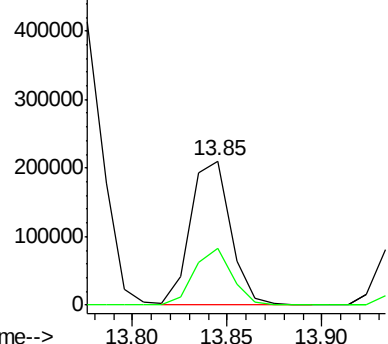
#79  
 2-Chlorotoluene  
 Concen: 17.944 ug/l  
 RT: 13.85 min Scan# 1262  
 Delta R.T. -0.02 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

Tot Ion: 91 Resp: 308255  
 Ion Ratio Lower Upper  
 91 100  
 126 39.0 18.6 55.8

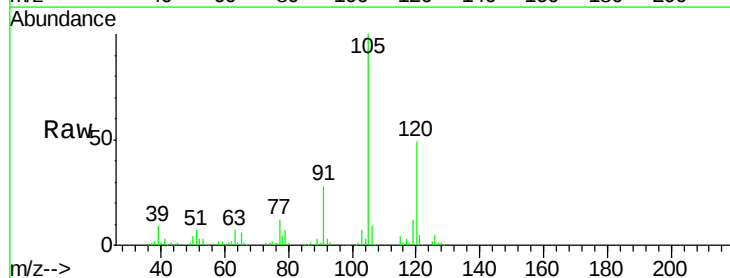


Abundance Ion 91.00 (90.70 to 91.70): V  
 Ion 125.95 (125.65 to 126.65): V

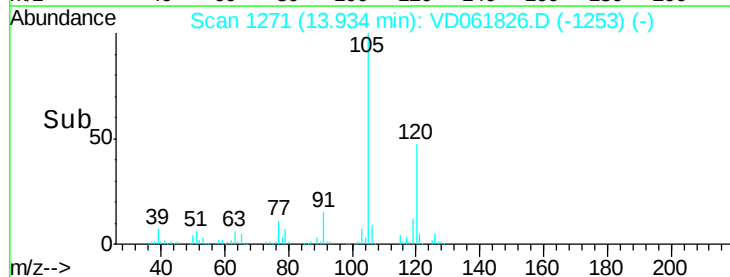
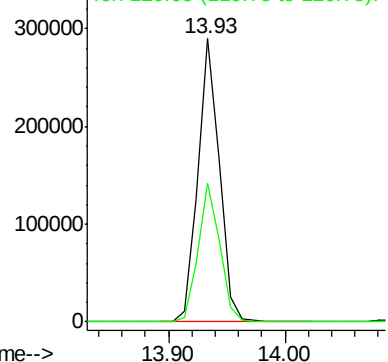


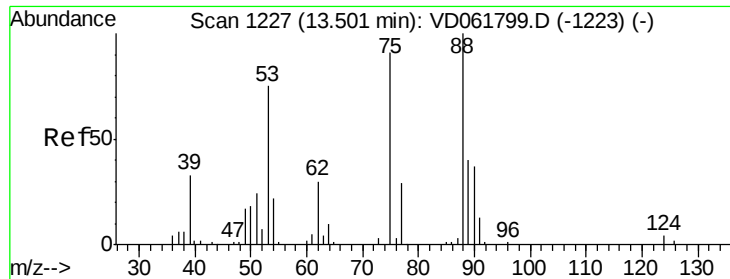
#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.263 ug/l  
 RT: 13.93 min Scan# 1271  
 Delta R.T. -0.02 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Tgt Ion: 105 Resp: 368828  
 Ion Ratio Lower Upper  
 105 100  
 120 49.1 24.0 72.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 17.973 ug/l

RT: 13.47 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

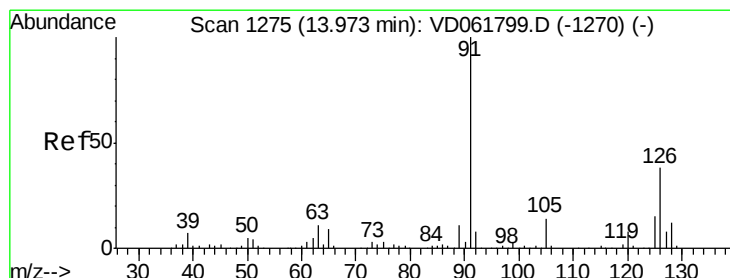
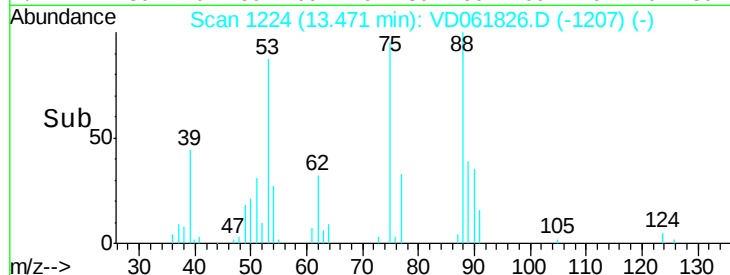
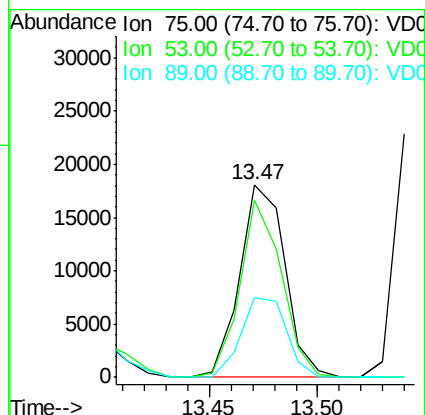
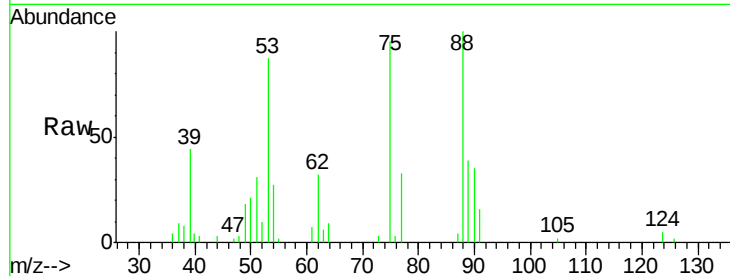
Tot Ion: 75 Resp: 26217

Ion Ratio Lower Upper

75 100

53 91.6 65.8 98.8

89 41.2 35.0 52.6



#82

4-Chlorotoluene

Concen: 17.849 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. -0.03 min

Lab File: VD061826.D

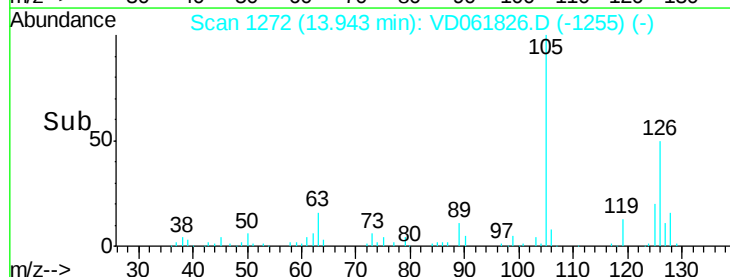
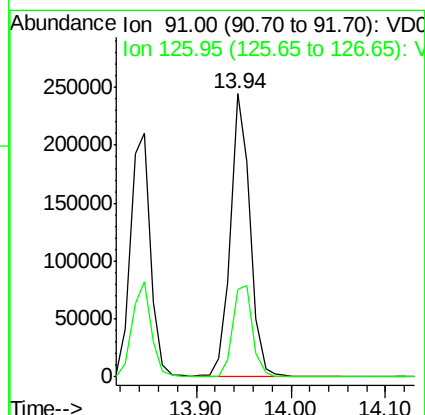
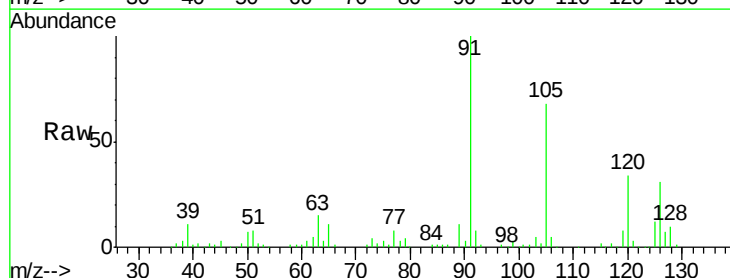
Acq: 17 Apr 2019 00:56

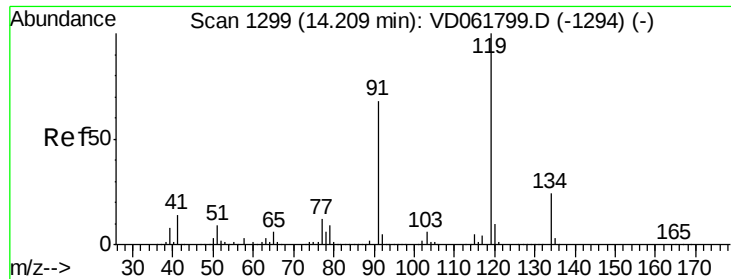
Tgt Ion: 91 Resp: 350957

Ion Ratio Lower Upper

91 100

126 30.7 19.1 57.5

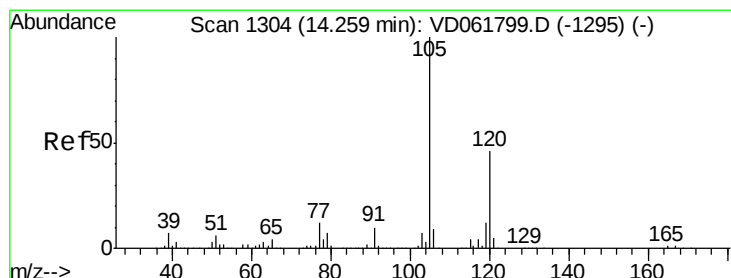
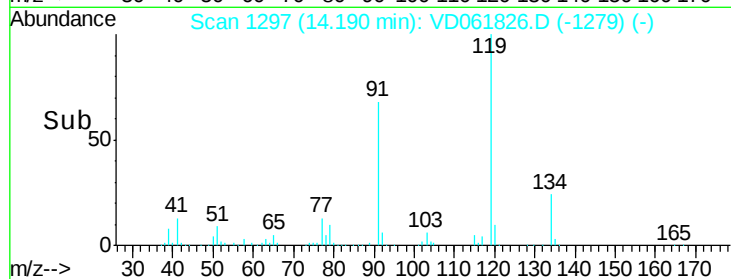
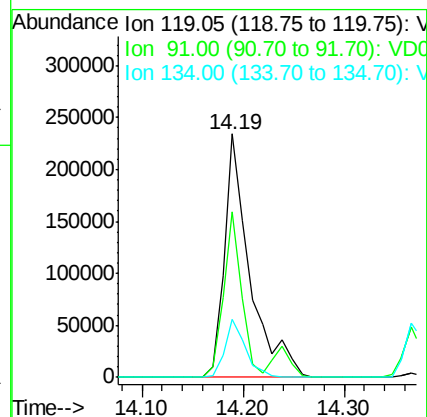
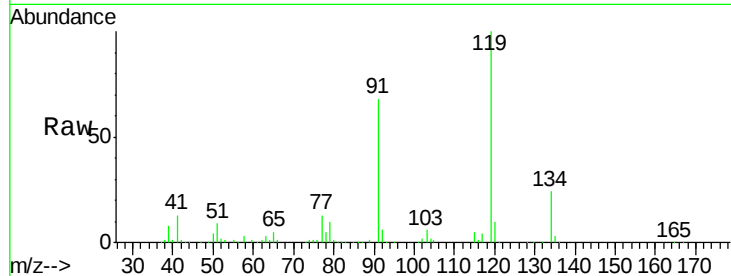




#83  
tert-Butylbenzene  
Concen: 17.353 ug/l  
RT: 14.19 min Scan# 1297  
Delta R.T. -0.02 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

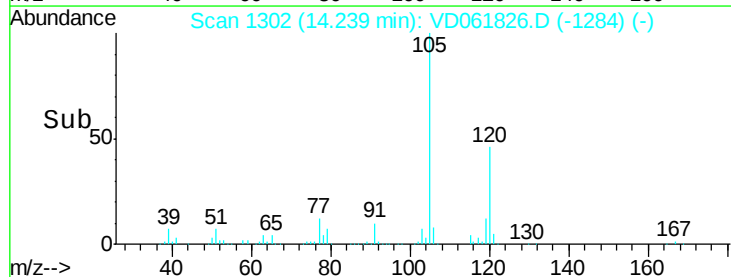
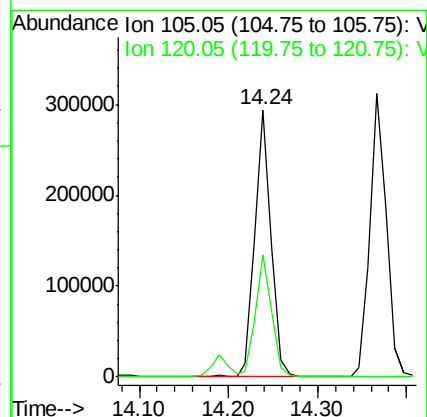
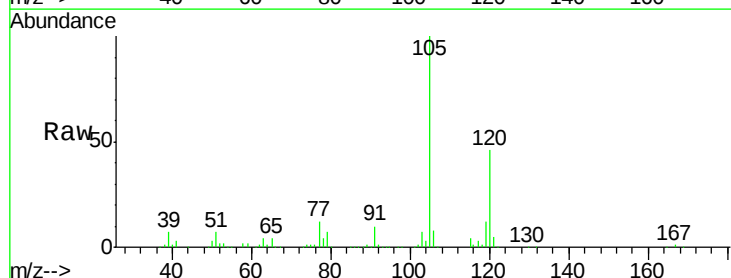
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0416SBS02

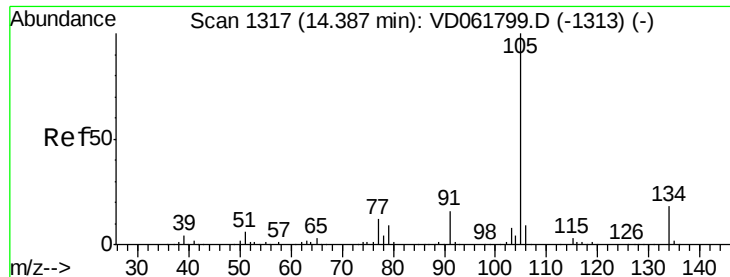
Tot Ion:119 Resp: 411502  
Ion Ratio Lower Upper  
119 100  
91 68.1 34.2 102.6  
134 23.9 12.0 36.0



#84  
1,2,4-Trimethylbenzene  
Concen: 18.101 ug/l  
RT: 14.24 min Scan# 1302  
Delta R.T. -0.02 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Tgt Ion:105 Resp: 367446  
Ion Ratio Lower Upper  
105 100  
120 45.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 16.182 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. -0.02 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

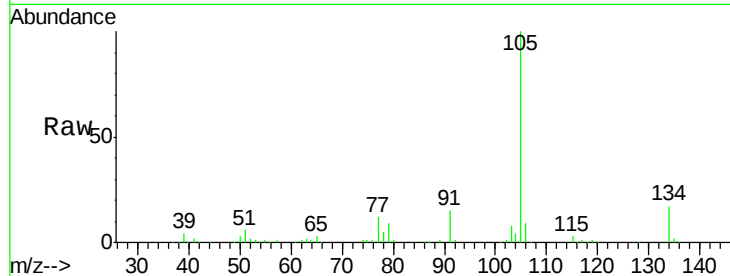
VD0416SBS02

Tot Ion:105 Resp: 396677

Ion Ratio Lower Upper

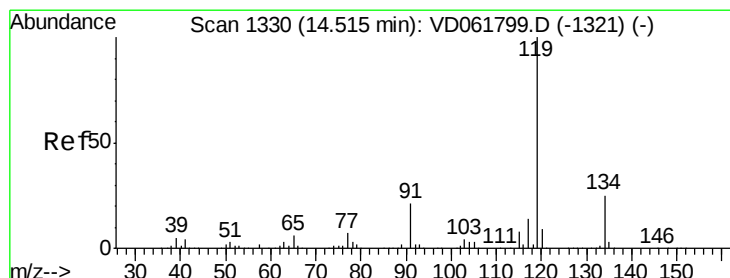
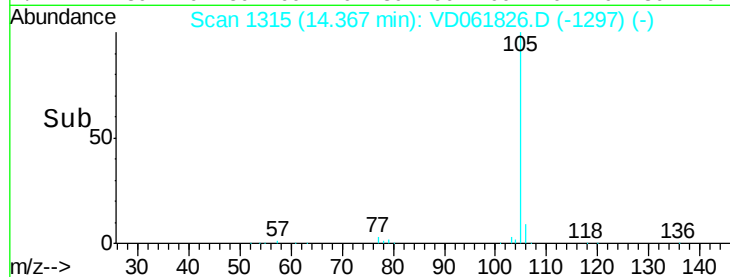
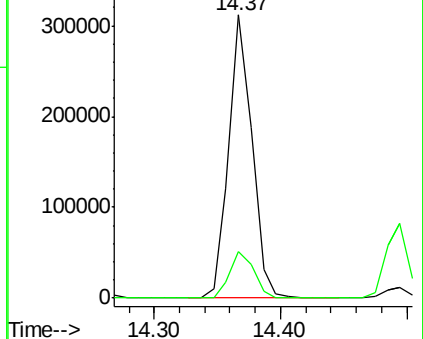
105 100

134 16.6 8.9 26.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 18.606 ug/l

RT: 14.49 min Scan# 1328

Delta R.T. -0.02 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

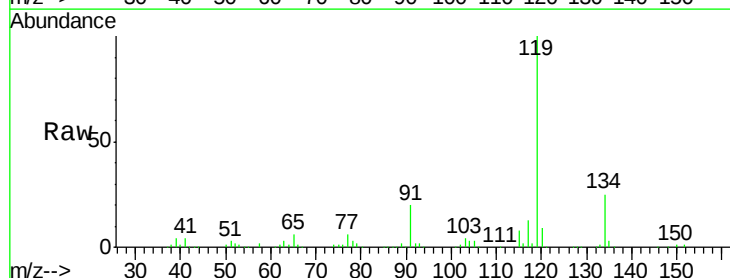
Tgt Ion:119 Resp: 426744

Ion Ratio Lower Upper

119 100

134 24.8 12.8 38.3

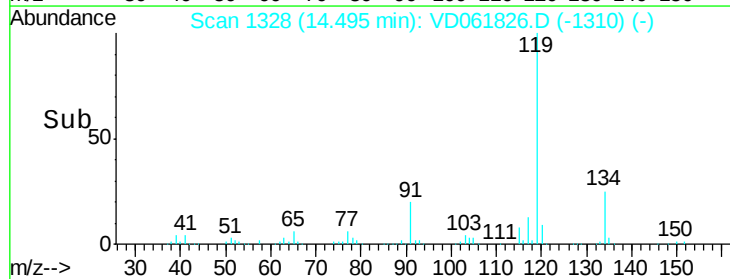
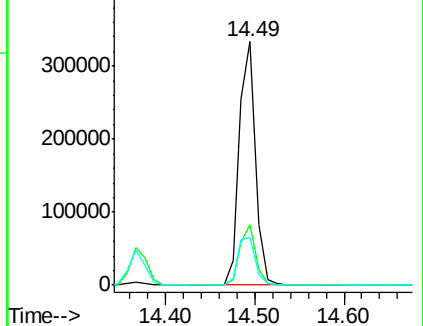
91 19.7 10.7 32.1

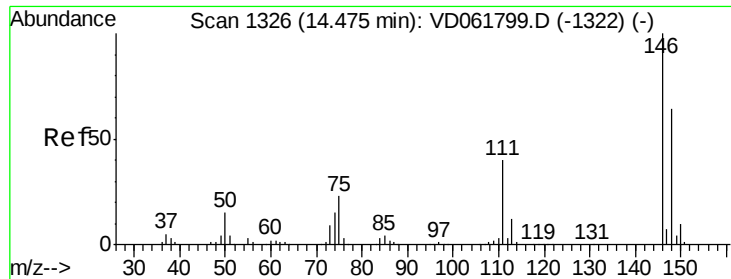


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

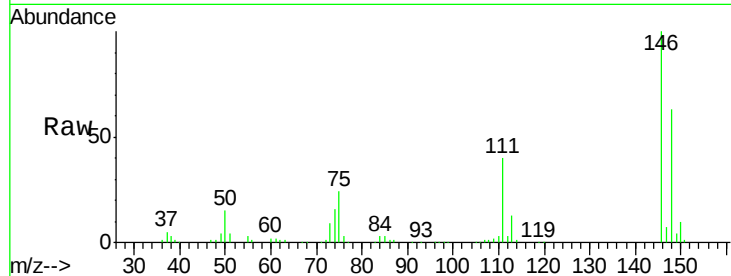




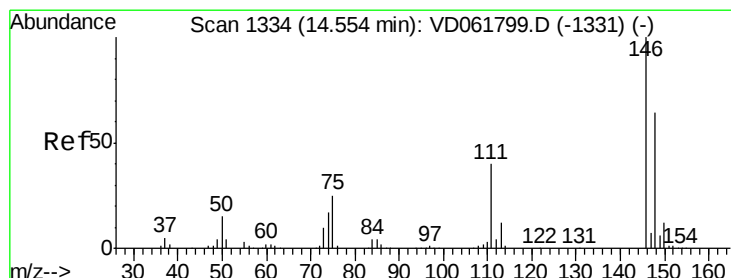
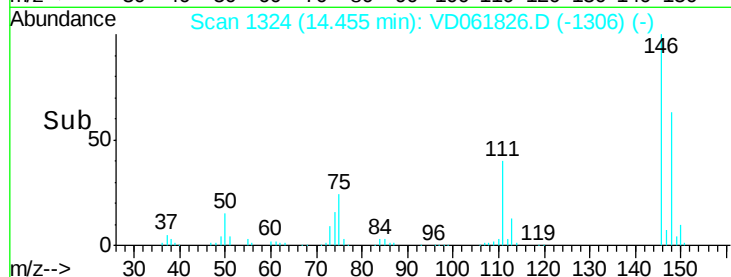
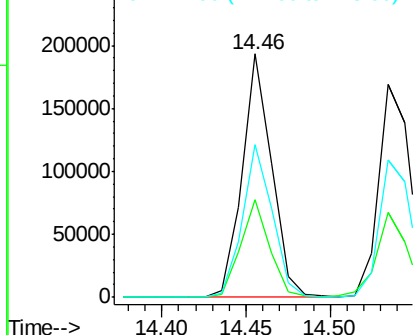
#87  
 1,3-Dichlorobenzene  
 Concen: 18.565 ug/l  
 RT: 14.46 min Scan# 1324  
 Delta R.T. -0.02 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

Tot Ion:146 Resp: 234328  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 20.0 60.0  
 148 62.7 31.8 95.4

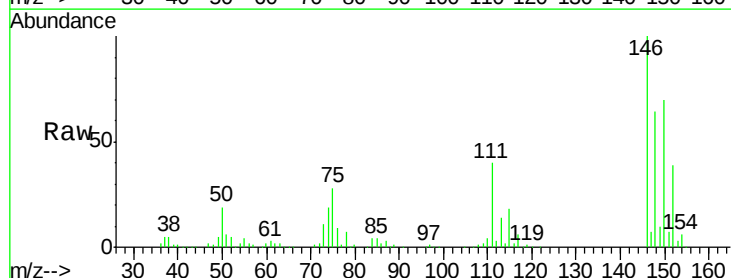


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

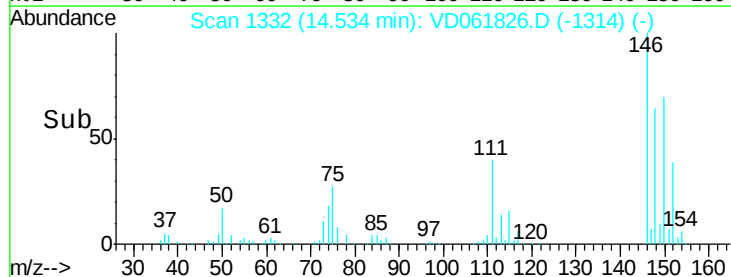
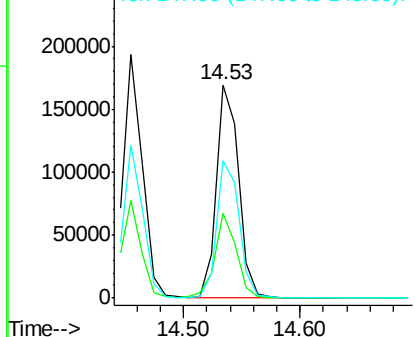


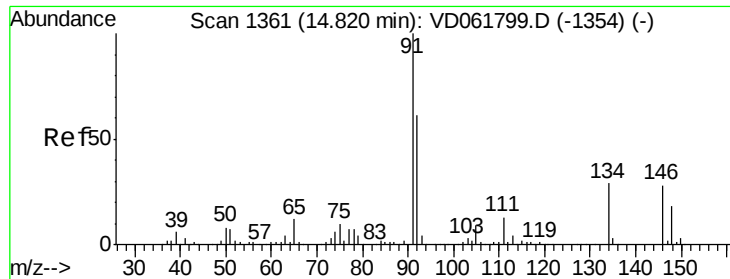
#88  
 1,4-Dichlorobenzene  
 Concen: 17.922 ug/l  
 RT: 14.53 min Scan# 1332  
 Delta R.T. -0.02 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Tgt Ion:146 Resp: 223610  
 Ion Ratio Lower Upper  
 146 100  
 111 39.9 20.2 60.5  
 148 64.4 32.0 96.2



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





#89

n-Butylbenzene

Concen: 17.126 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. -0.02 min

Lab File: VD061826.D

Acq: 17 Apr 2019 00:56

Instrument :

MSVOA\_D

ClientSampleId :

VD0416SBS02

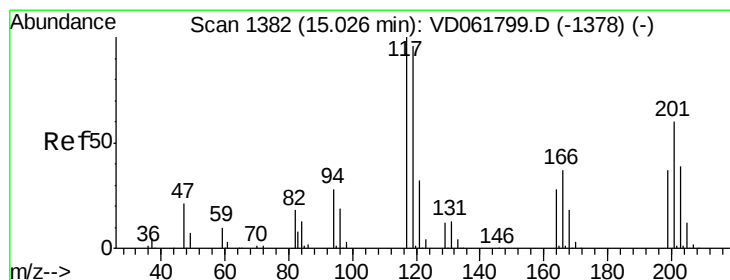
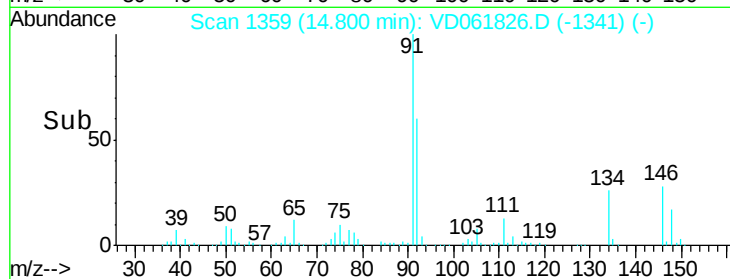
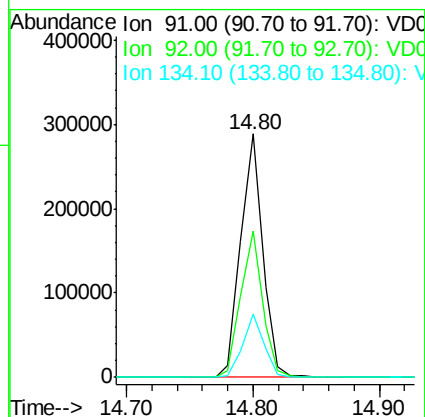
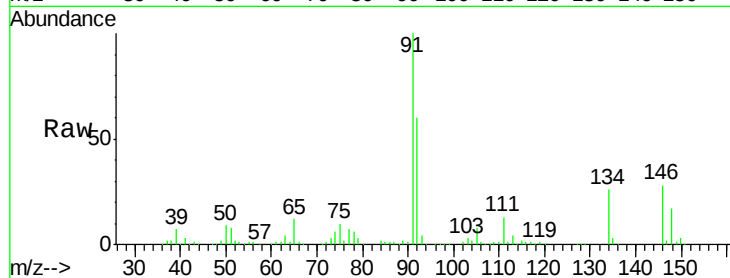
Tot Ion: 91 Resp: 347697

Ion Ratio Lower Upper

91 100

92 59.9 30.3 91.0

134 25.9 14.5 43.6



#90

Hexachloroethane

Concen: 17.264 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. -0.02 min

Lab File: VD061826.D

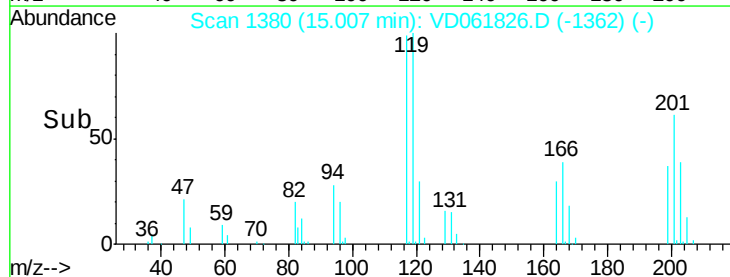
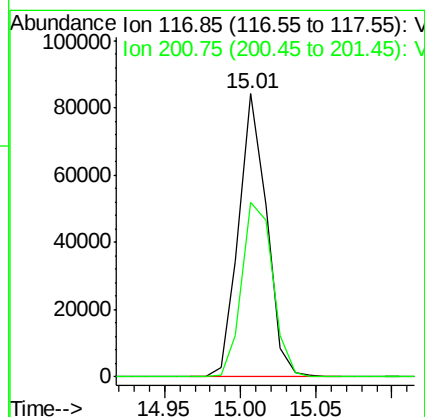
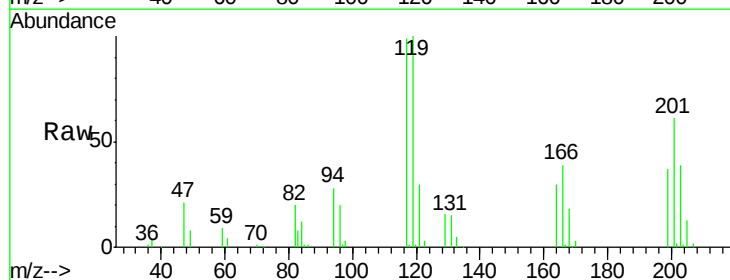
Acq: 17 Apr 2019 00:56

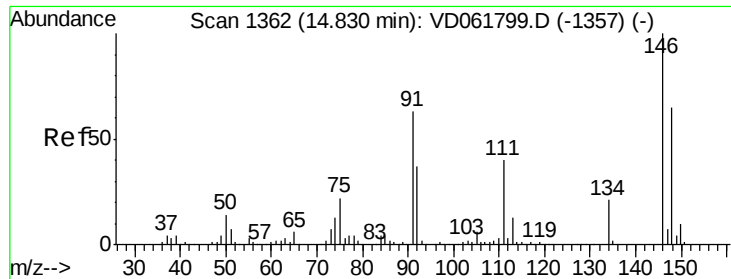
Tgt Ion: 117 Resp: 107924

Ion Ratio Lower Upper

117 100

201 61.6 30.2 90.6

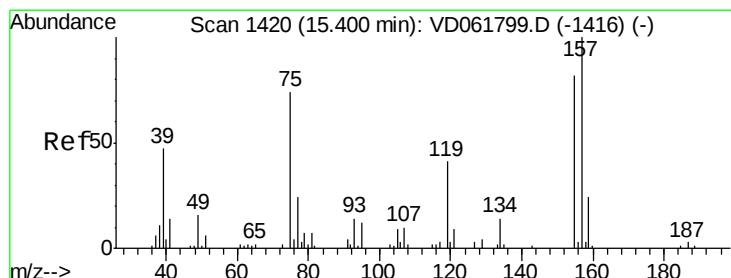
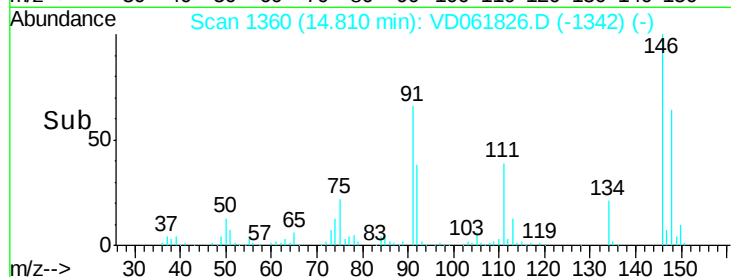
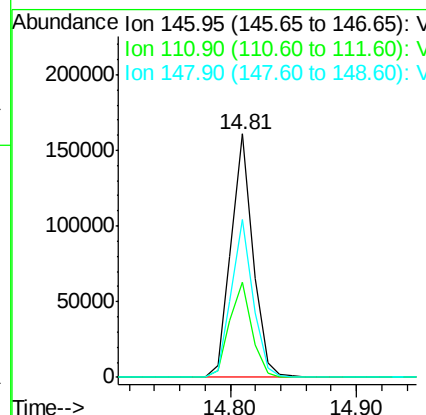
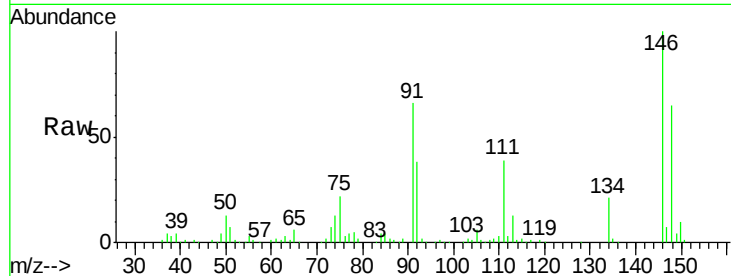




#91  
 1,2-Dichlorobenzene  
 Concen: 18.285 ug/l  
 RT: 14.81 min Scan# 1360  
 Delta R.T. -0.02 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

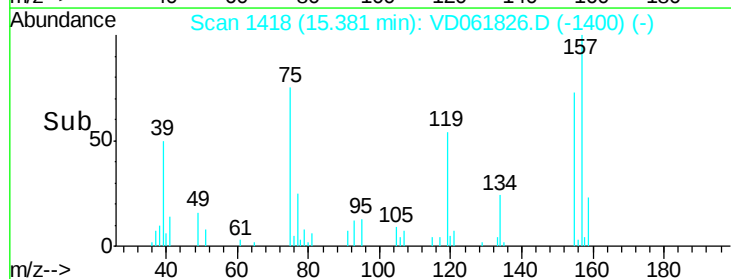
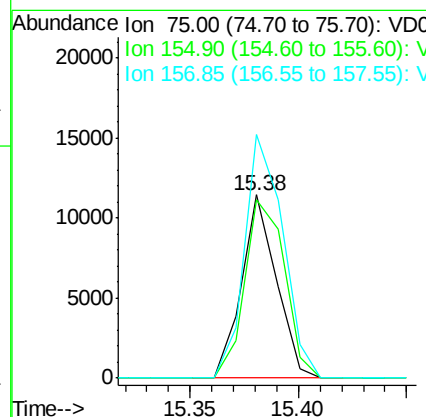
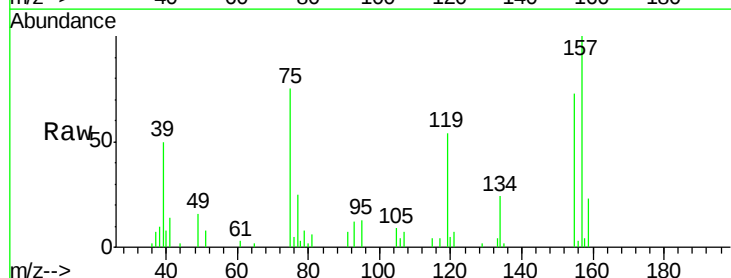
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

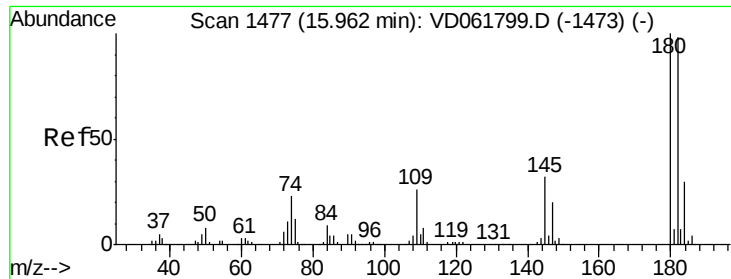
Tot Ion:146 Resp: 193325  
 Ion Ratio Lower Upper  
 146 100  
 111 39.0 20.0 59.9  
 148 64.6 32.3 96.8



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.076 ug/l  
 RT: 15.38 min Scan# 1418  
 Delta R.T. -0.02 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Tgt Ion: 75 Resp: 12789  
 Ion Ratio Lower Upper  
 75 100  
 155 97.6 55.3 165.8  
 157 133.2 67.8 203.2

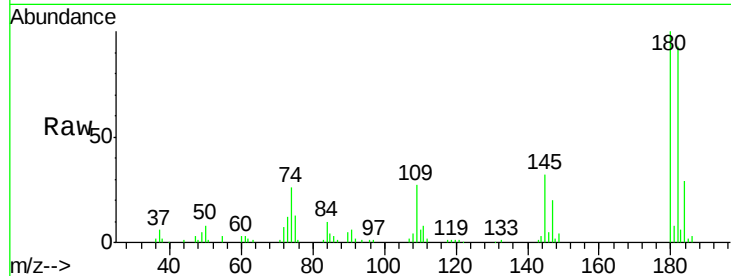




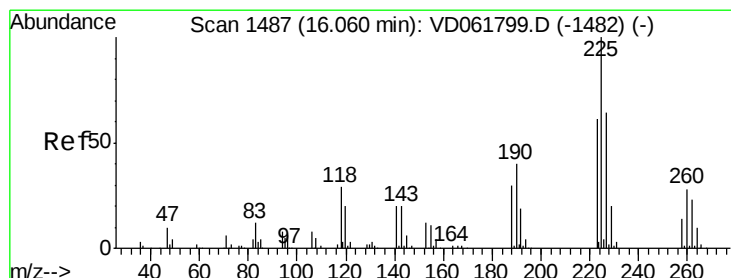
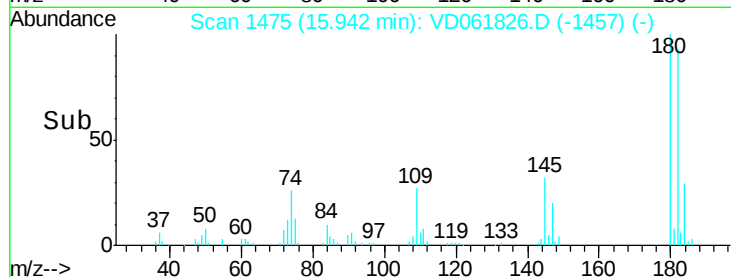
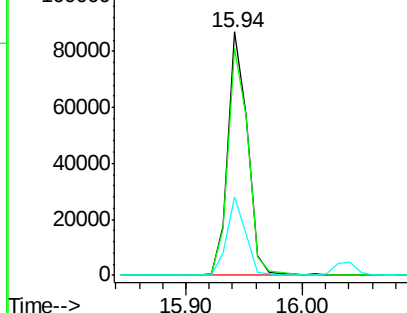
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.611 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. -0.02 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0416SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.5  | 49.3  | 147.8 |
| 145     | 32.1  | 16.2  | 48.6  |

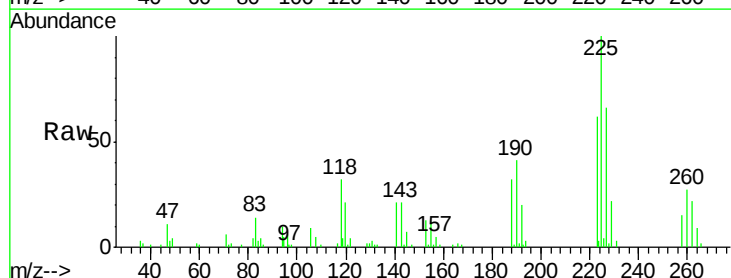


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

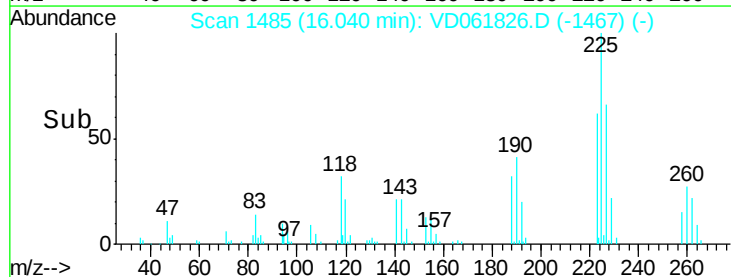
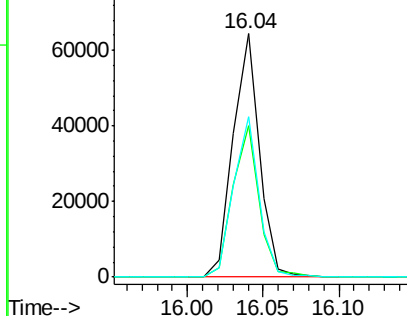


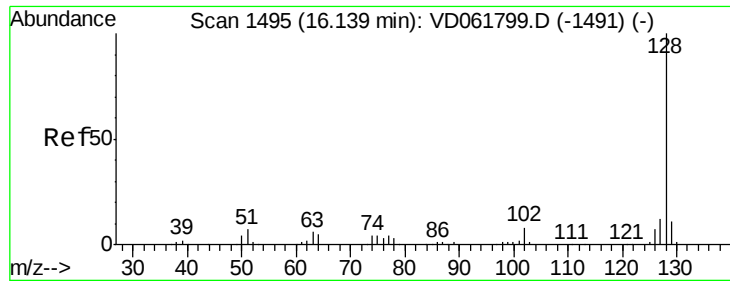
#94  
 Hexachlorobutadiene  
 Concen: 18.365 ug/l  
 RT: 16.04 min Scan# 1485  
 Delta R.T. -0.02 min  
 Lab File: VD061826.D  
 Acq: 17 Apr 2019 00:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.0  | 30.6  | 92.0  |
| 227     | 65.8  | 32.0  | 96.2  |



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

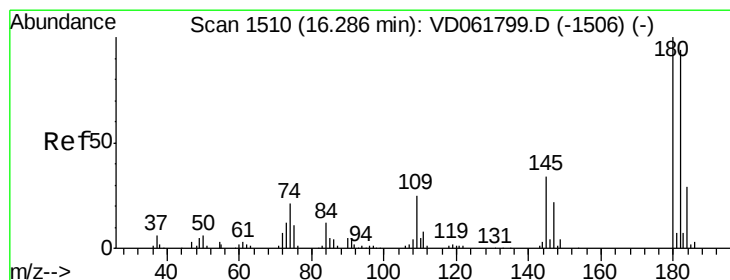
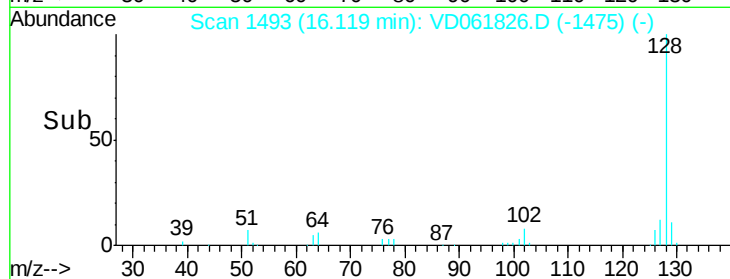
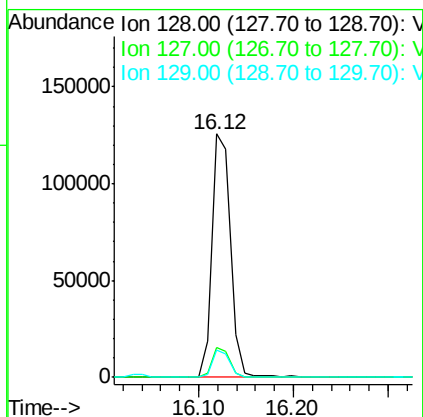
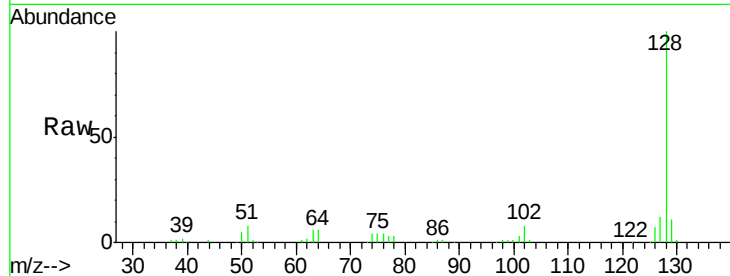




#95  
Naphthalene  
Concen: 19.370 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. -0.02 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0416SBS02

Tot Ion:128 Resp: 172402  
Ion Ratio Lower Upper  
128 100  
127 12.3 9.8 14.8  
129 11.2 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 17.829 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. -0.02 min  
Lab File: VD061826.D  
Acq: 17 Apr 2019 00:56

Tgt Ion:180 Resp: 58998  
Ion Ratio Lower Upper  
180 100  
182 89.1 47.0 141.0  
145 35.0 17.0 51.0

