

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\  
 Data File : VD061732.D  
 Acq On : 11 Apr 2019 10:29  
 Operator : VA/AP  
 Sample : VD0410SBS02  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 11 11:14:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D040619S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 08 10:04:03 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.04  | 168  | 672890   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.21  | 114  | 1053967  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 984760   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152  | 432203   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.45  | 65   | 236770   | 46.42 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.84% |          |
| 35) Dibromofluoromethane    | 6.91  | 113  | 364728   | 49.95 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.90% |          |
| 50) Toluene-d8              | 10.40 | 98   | 871916   | 47.53 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.06% |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 319455   | 49.42 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.84% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.59 | 85   | 127304   | 17.536  | ug/l   | 100    |
| 3) Chloromethane              | 1.76 | 50   | 112057   | 19.102  | ug/l   | 94     |
| 4) Vinyl Chloride             | 1.85 | 62   | 107439   | 19.600  | ug/l   | 97     |
| 5) Bromomethane               | 2.16 | 94   | 20273    | 15.978  | ug/l   | 98     |
| 6) Chloroethane               | 2.26 | 64   | 31185    | 18.163  | ug/l   | 94     |
| 7) Trichlorofluoromethane     | 2.53 | 101  | 171027   | 20.664  | ug/l   | 96     |
| 8) Diethyl Ether              | 2.88 | 74   | 40954    | 17.631  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101  | 160898   | 19.773  | ug/l   | 89     |
| 10) Methyl Iodide             | 3.31 | 142  | 209745   | 19.676  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.07 | 59   | 34983    | 102.341 | ug/l   | 95     |
| 12) 1,1-Dichloroethene        | 3.13 | 96   | 135657   | 19.339  | ug/l   | 98     |
| 13) Acrolein                  | 3.04 | 56   | 24359    | 58.448  | ug/l   | 89     |
| 14) Allyl chloride            | 3.63 | 41   | 165700   | 17.319  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.20 | 53   | 107476   | 91.338  | ug/l   | 96     |
| 16) Acetone                   | 3.22 | 43   | 138772   | 91.016  | ug/l   | 99     |
| 17) Carbon Disulfide          | 3.37 | 76   | 404811   | 17.760  | ug/l   | 100    |
| 18) Methyl Acetate            | 3.65 | 43   | 53452    | 18.633  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether   | 4.24 | 73   | 248493   | 20.459  | ug/l   | 97     |
| 20) Methylene Chloride        | 3.81 | 84   | 162758   | 18.812  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 4.22 | 96   | 149181   | 19.581  | ug/l   | 99     |
| 22) Diisopropyl ether         | 5.12 | 45   | 386885   | 19.287  | ug/l   | 98     |
| 23) Vinyl Acetate             | 5.05 | 43   | 1019862  | 92.142  | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 4.99 | 63   | 227346   | 18.495  | ug/l   | 99     |
| 25) 2-Butanone                | 6.07 | 43   | 167214   | 95.131  | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.03 | 77   | 202990   | 20.281  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 6.04 | 96   | 159045   | 19.568  | ug/l   | 97     |
| 28) Bromochloromethane        | 6.43 | 49   | 84836    | 18.709  | ug/l   | 91     |
| 29) Tetrahydrofuran           | 6.45 | 42   | 78849    | 92.926  | ug/l   | 98     |
| 30) Chloroform                | 6.66 | 83   | 254162   | 19.737  | ug/l   | 99     |
| 31) Cyclohexane               | 6.95 | 56   | 176352   | 18.364  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97   | 224277   | 19.875  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.14 | 75   | 195100   | 21.151  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.18 | 43   | 78041    | 20.772  | ug/l # | 96     |
| 38) Carbon Tetrachloride      | 7.11 | 117  | 231544   | 21.418  | ug/l   | 97     |

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 Sample : VD0410SBS02  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 11 11:14:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D040619S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 08 10:04:03 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.85  | 83   | 202430   | 21.376  | ug/l   | 97       |
| 40) Benzene                    | 7.45  | 78   | 452268   | 20.324  | ug/l   | 98       |
| 41) Methacrylonitrile          | 6.44  | 41   | 89337    | 20.369  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 7.57  | 62   | 153935   | 21.996  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 9.23  | 43   | 108658   | 19.927  | ug/l # | 98       |
| 44) Trichloroethene            | 8.54  | 130  | 182004   | 21.334  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 8.93  | 63   | 111602   | 20.223  | ug/l   | 95       |
| 46) Dibromomethane             | 9.05  | 93   | 79294    | 20.104  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.37  | 83   | 192571   | 22.230  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.11  | 41   | 62901    | 20.012  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.07  | 88   | 13698    | 394.829 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone       | 10.29 | 43   | 353372   | 109.583 | ug/l   | 98       |
| 52) Toluene                    | 10.50 | 92   | 281963   | 20.291  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.90 | 75   | 170822   | 22.496  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.04 | 75   | 208531   | 22.278  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 92411    | 19.718  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 11.04 | 69   | 112466   | 22.748  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 11.40 | 76   | 155205   | 22.614  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.85  | 63   | 273590   | 117.278 | ug/l   | 99       |
| 59) 2-Hexanone                 | 11.52 | 43   | 259317   | 103.618 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.68 | 129  | 162419   | 21.935  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 122948   | 22.432  | ug/l   | 93       |
| 64) Tetrachloroethene          | 11.25 | 164  | 141925   | 18.567  | ug/l   | 96       |
| 65) Chlorobenzene              | 12.39 | 112  | 388776   | 19.908  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 155338   | 20.671  | ug/l   | 98       |
| 67) Ethyl Benzene              | 12.52 | 91   | 619848   | 20.843  | ug/l   | 98       |
| 68) m/p-Xylenes                | 12.66 | 106  | 426747   | 37.222  | ug/l   | 97       |
| 69) o-Xylene                   | 13.04 | 106  | 188974   | 17.075  | ug/l   | 100      |
| 70) Styrene                    | 13.07 | 104  | 321763   | 17.024  | ug/l   | 100      |
| 71) Bromoform                  | 13.23 | 173  | 92440    | 19.826  | ug/l   | 98       |
| 73) Isopropylbenzene           | 13.39 | 105  | 559650   | 19.434  | ug/l   | 100      |
| 74) N-amyl acetate             | 13.25 | 43   | 152531   | 19.494  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 115546   | 19.405  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 117550   | 19.991  | ug/l   | 95       |
| 77) Bromobenzene               | 13.67 | 156  | 156591   | 18.733  | ug/l   | 80       |
| 78) n-propylbenzene            | 13.77 | 91   | 740750   | 21.503  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 397341   | 20.170  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 13.92 | 105  | 477670   | 20.898  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 35670    | 19.990  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 458852   | 21.257  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 517913   | 18.793  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 469081   | 20.334  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 581270   | 19.522  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 528198   | 20.449  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 275867   | 19.176  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 283901   | 19.559  | ug/l   | 99       |
| 89) n-Butylbenzene             | 14.79 | 91   | 476697   | 21.232  | ug/l   | 99       |
| 90) Hexachloroethane           | 15.01 | 117  | 129138   | 18.425  | ug/l   | 66       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 231456   | 19.521  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 14170    | 19.720  | ug/l   | 49       |

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Operator : VA/AP  
Sample : VD0410SBS02  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 32 Sample Multiplier: 1

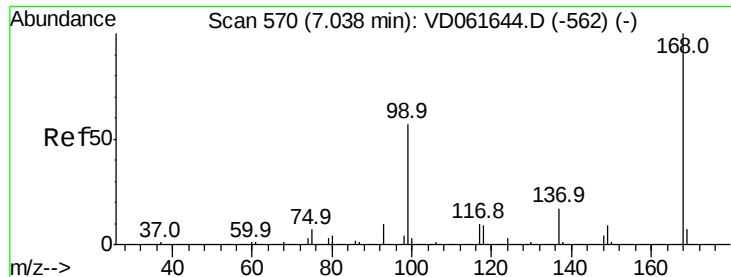
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Apr 11 11:14:30 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D040619S.M  
Quant Title : SW846 8260  
QLast Update : Mon Apr 08 10:04:03 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 122505   | 20.280 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 88751    | 19.028 | ug/l  | 98       |
| 95) Naphthalene            | 16.12 | 128  | 187522   | 19.619 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 58960    | 19.557 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

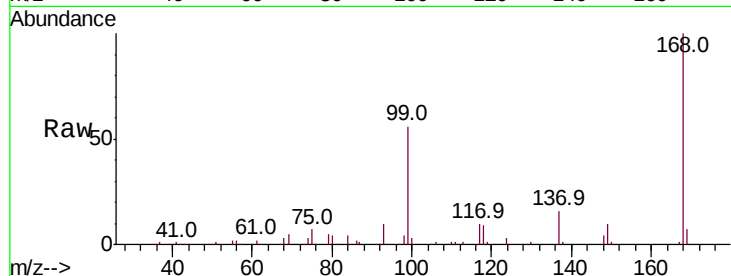
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:168 Resp: 672890

Ion Ratio Lower Upper

168 100

99 56.2 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

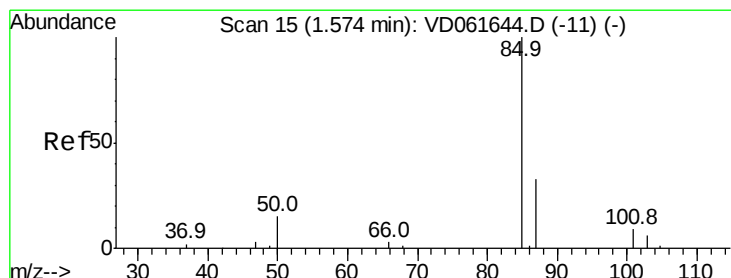
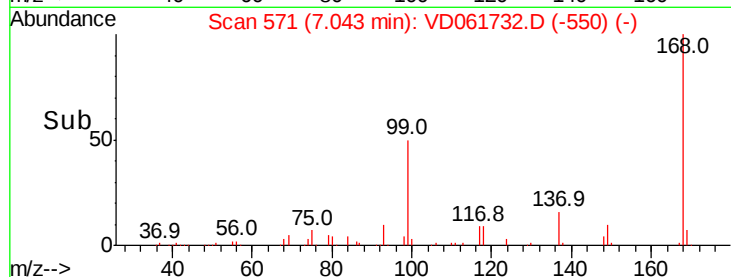
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 17.536 ug/l

RT: 1.59 min Scan# 17

Delta R.T. 0.01 min

Lab File: VD061732.D

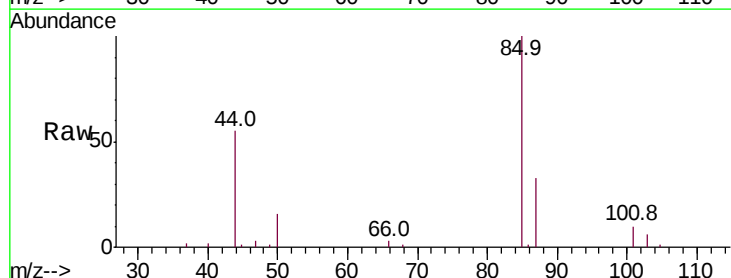
Acq: 11 Apr 2019 10:29

Tgt Ion: 85 Resp: 127304

Ion Ratio Lower Upper

85 100

87 33.4 16.6 49.8



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.59

50000

40000

30000

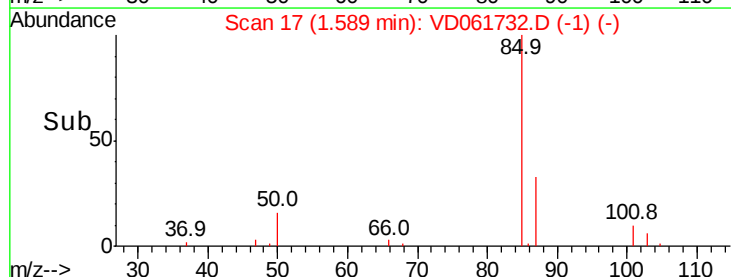
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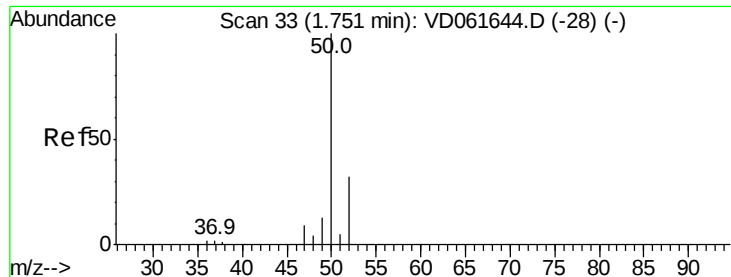
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0

1.50 1.60 1.70

Time-->





#3

Chloromethane

Concen: 19.102 ug/l

RT: 1.76 min Scan# 34

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

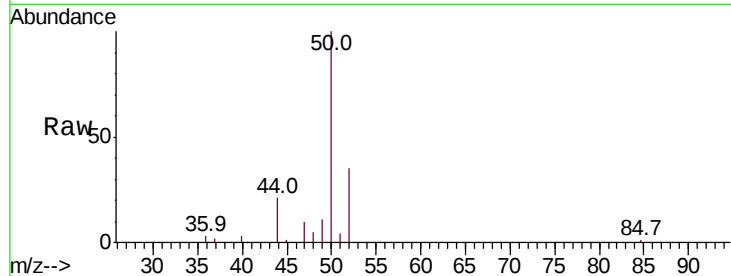
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 50 Resp: 112057

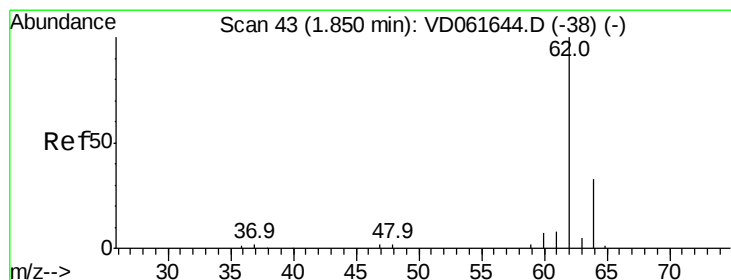
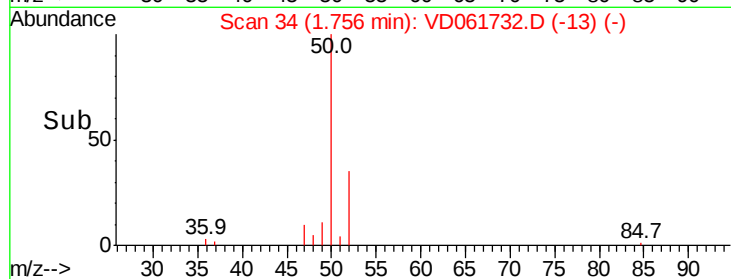
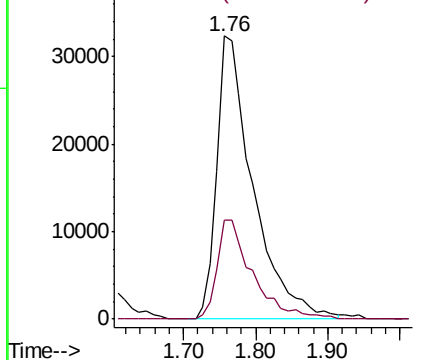
Ion Ratio Lower Upper

50 100

52 34.9 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VDC  
Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.600 ug/l

RT: 1.85 min Scan# 44

Delta R.T. 0.01 min

Lab File: VD061732.D

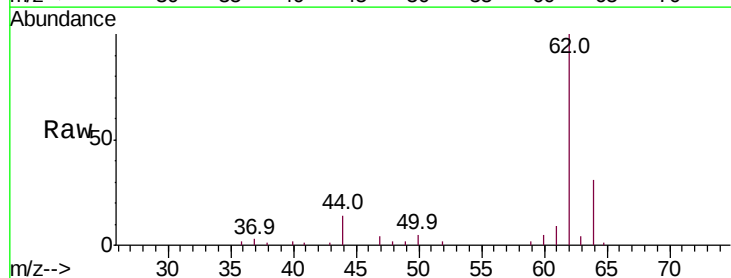
Acq: 11 Apr 2019 10:29

Tgt Ion: 62 Resp: 107439

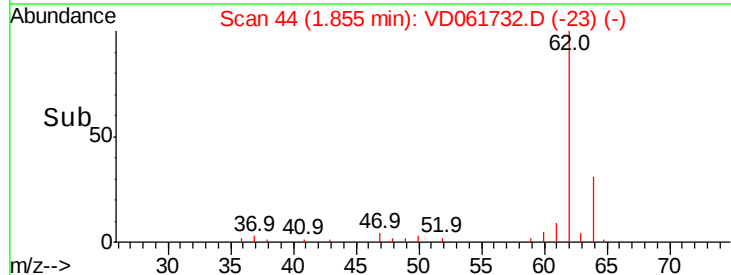
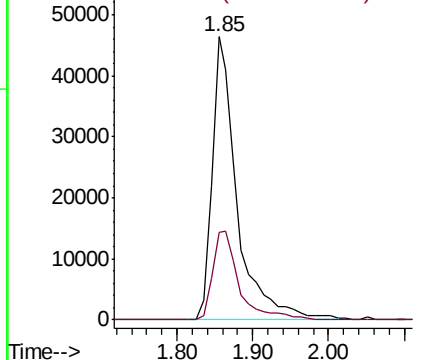
Ion Ratio Lower Upper

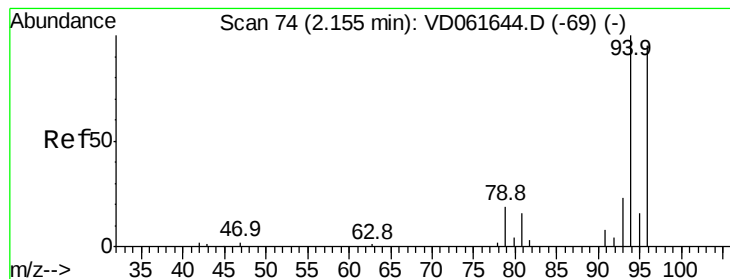
62 100

64 31.1 26.2 39.2



Abundance Ion 61.95 (61.65 to 62.65): VDC  
Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 15.978 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

ClientSampleId :

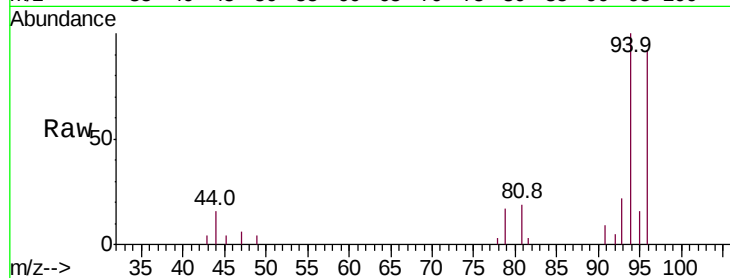
Tot Ion: 94 Resp: 20273

Ion Ratio Lower Upper

94 100

96 92.3 75.8 113.8

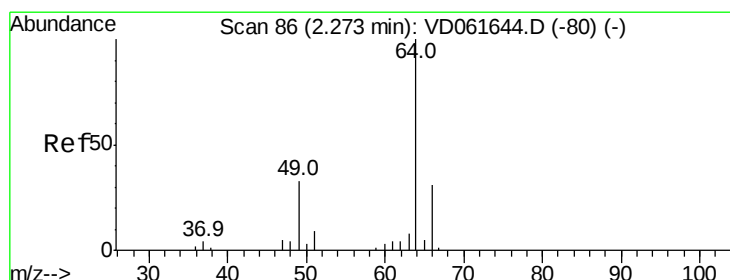
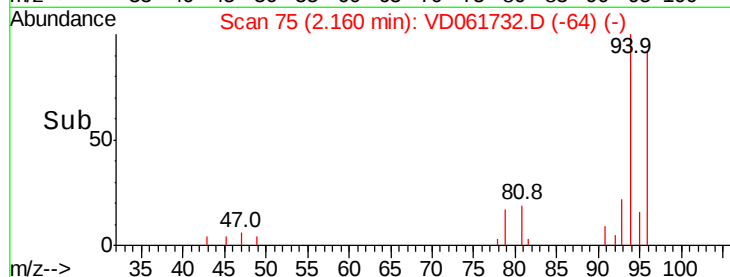
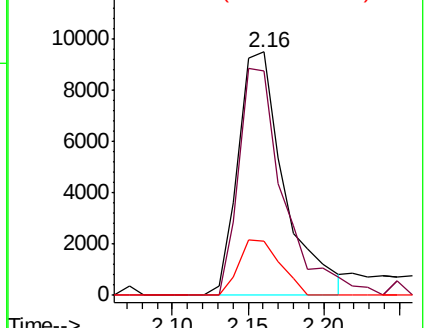
93 22.3 18.6 28.0



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: 18.163 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VD061732.D

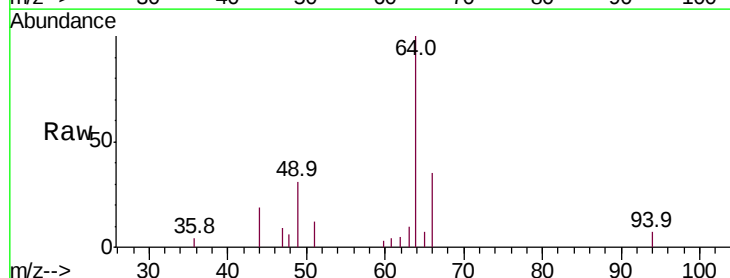
Acq: 11 Apr 2019 10:29

Tgt Ion: 64 Resp: 31185

Ion Ratio Lower Upper

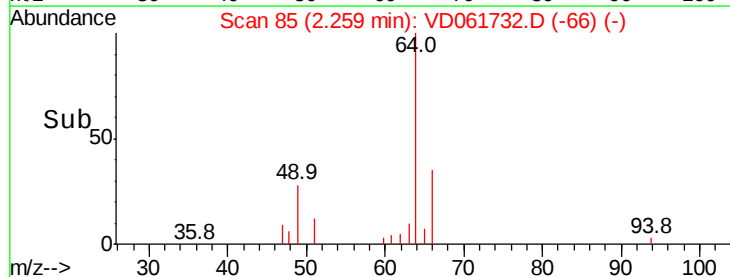
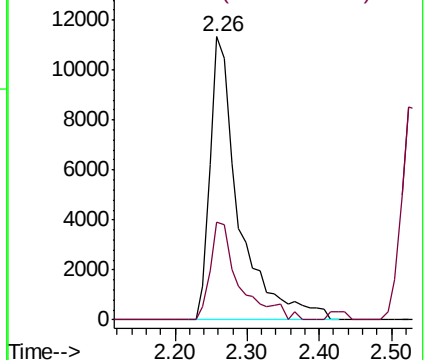
64 100

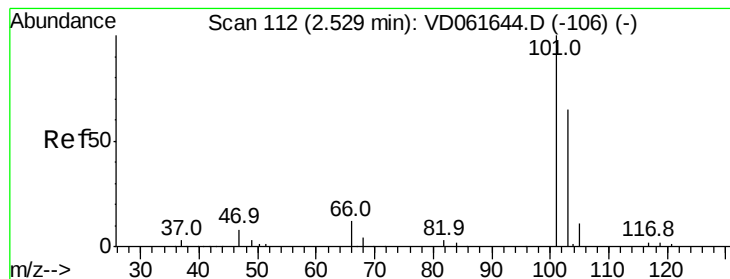
66 34.6 24.9 37.3



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



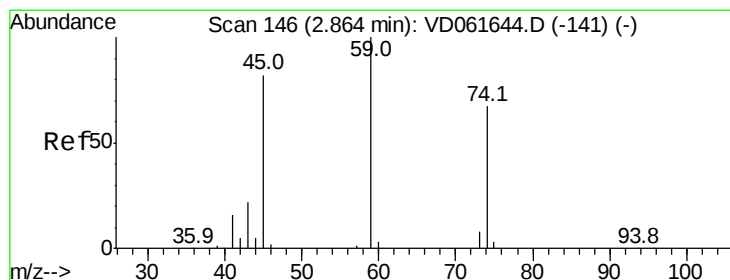
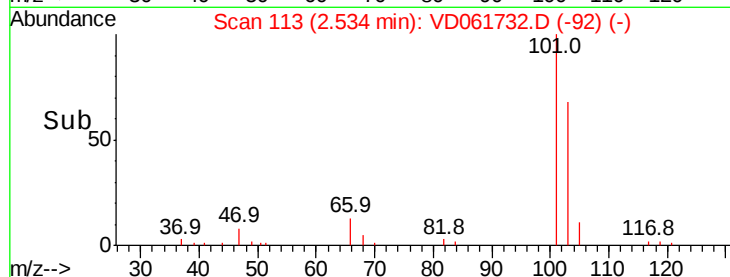
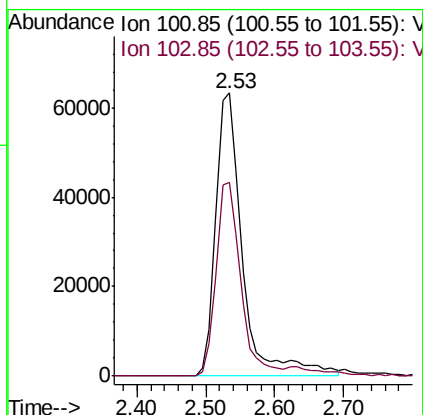
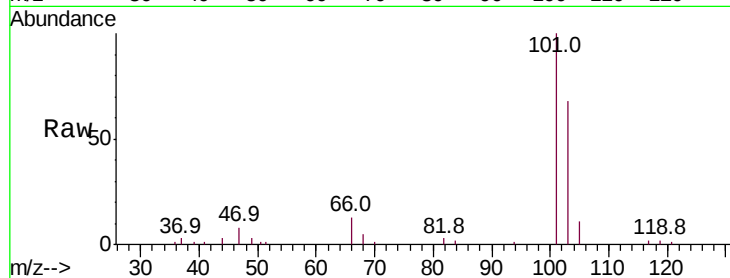


#7

Trichlorofluoromethane  
 Concen: 20.664 ug/l  
 RT: 2.53 min Scan# 113  
 Delta R.T. 0.01 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :

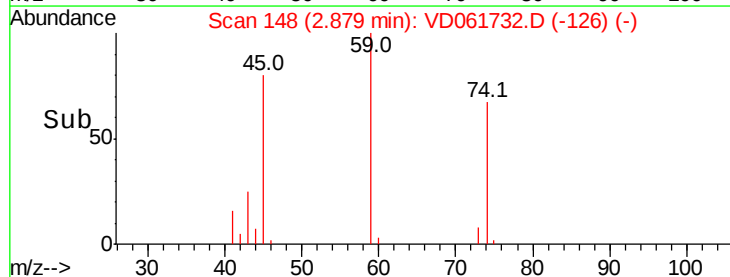
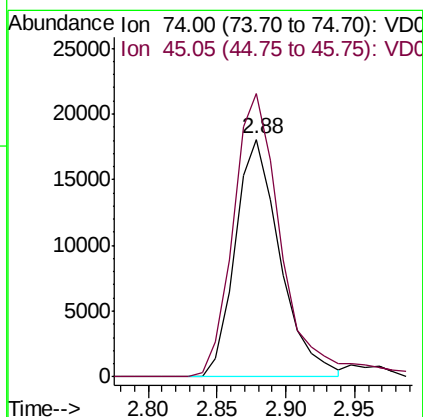
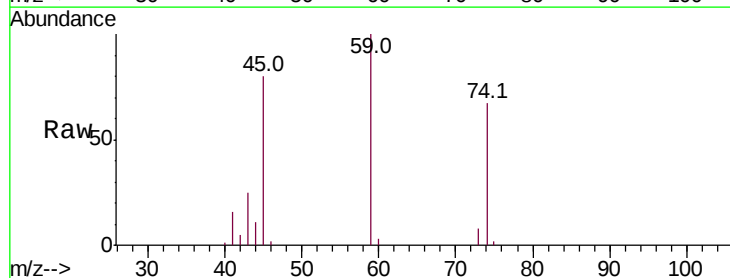
Tot Ion:101 Resp: 171027  
 Ion Ratio Lower Upper  
 101 100  
 103 68.3 52.0 78.0

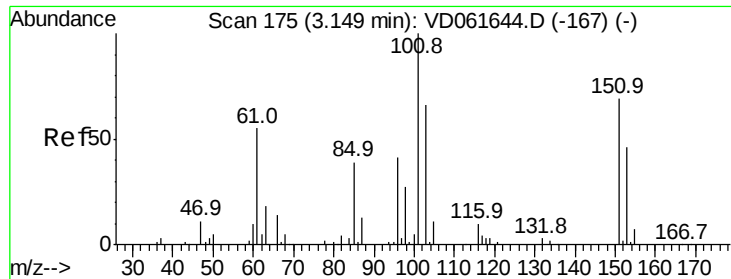


#8

Diethyl Ether  
 Concen: 17.631 ug/l  
 RT: 2.88 min Scan# 148  
 Delta R.T. 0.01 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Tgt Ion: 74 Resp: 40954  
 Ion Ratio Lower Upper  
 74 100  
 45 119.1 61.0 183.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.773 ug/l

RT: 3.15 min Scan# 176

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

ClientSampleId :

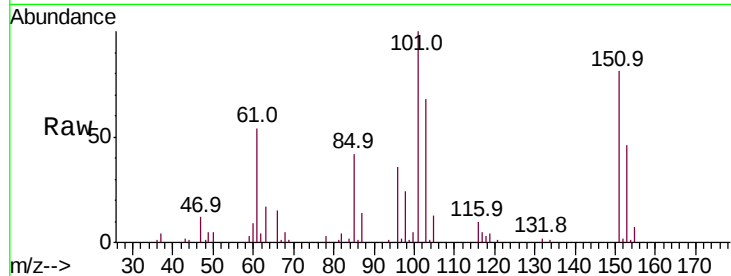
Tot Ion:101 Resp: 160898

Ion Ratio Lower Upper

101 100

85 41.6 31.0 46.6

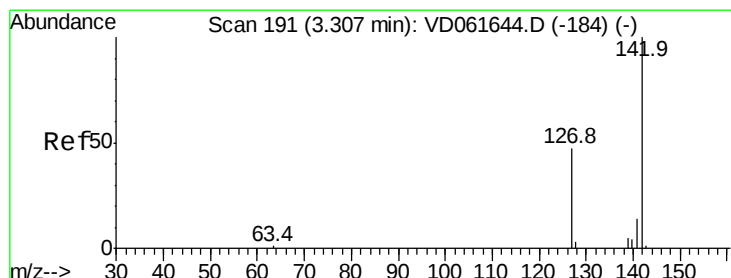
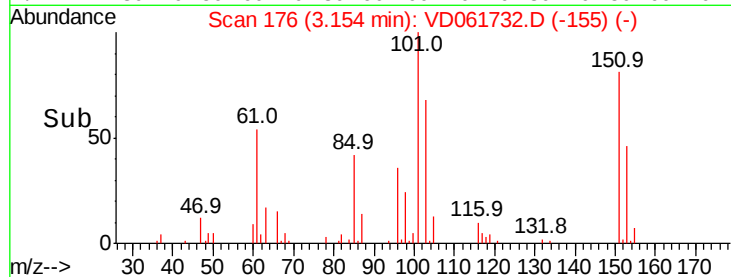
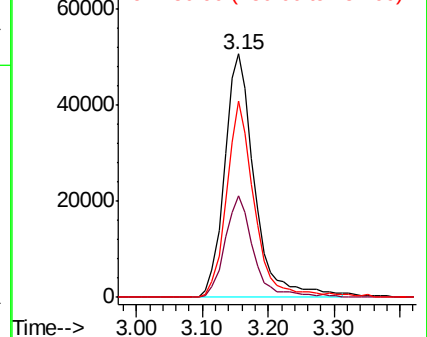
151 80.6 55.3 82.9



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: 19.676 ug/l

RT: 3.31 min Scan# 192

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

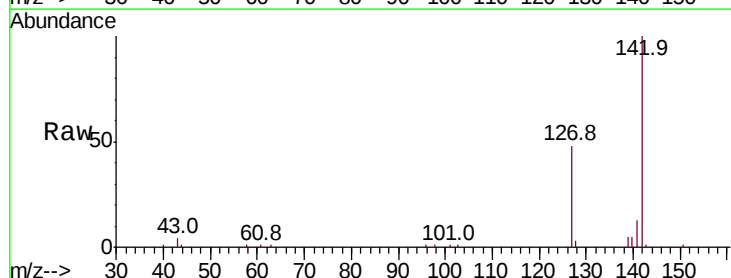
Tgt Ion:142 Resp: 209745

Ion Ratio Lower Upper

142 100

127 48.5 37.2 55.8

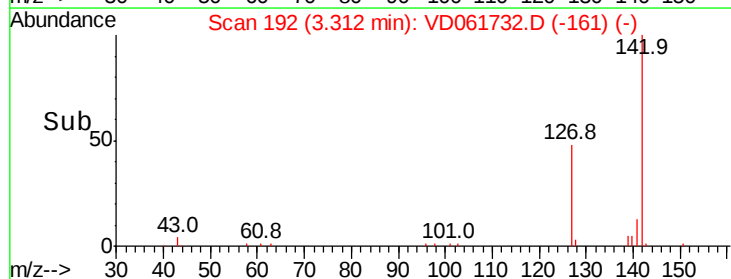
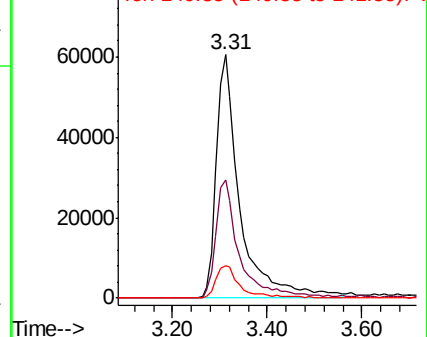
141 13.1 10.8 16.2

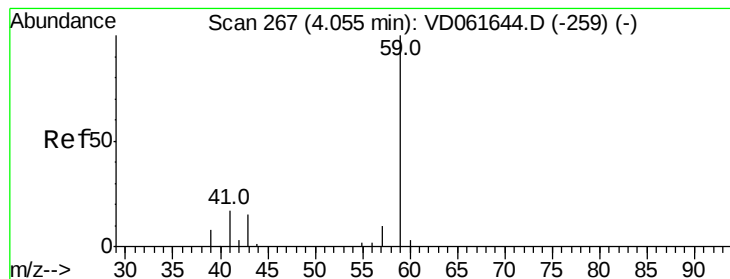


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



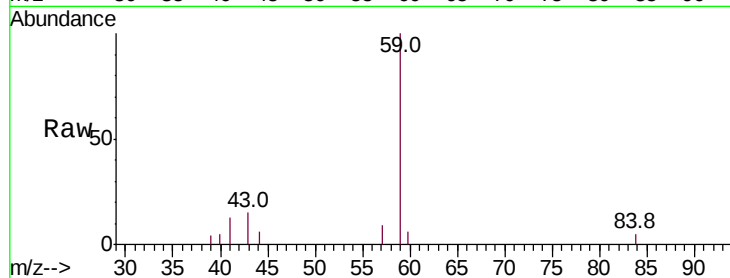


#11

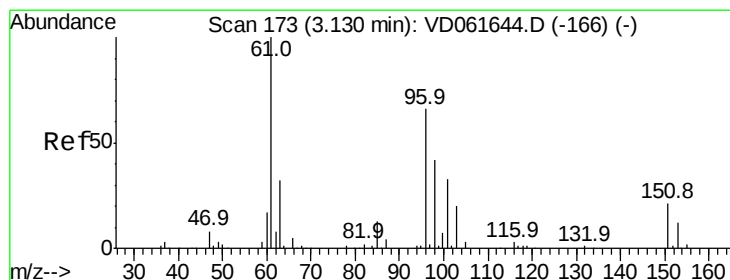
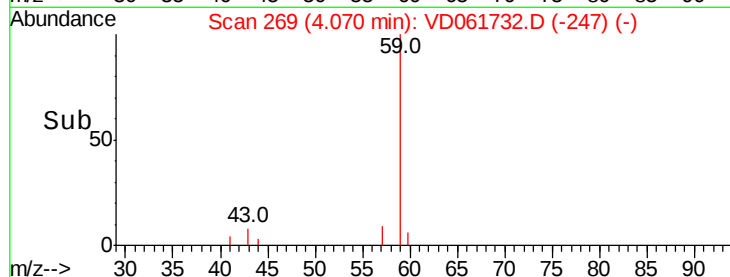
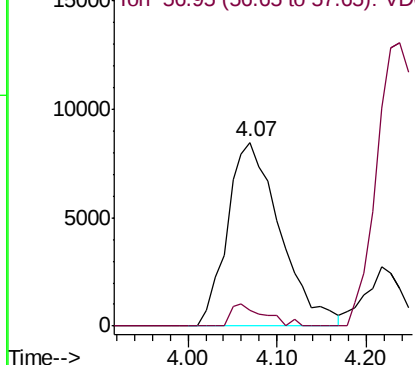
Tert butyl alcohol  
Concen: 102.341 ug/l  
RT: 4.07 min Scan# 269  
Delta R.T. 0.01 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 59 Resp: 34983  
Ion Ratio Lower Upper  
59 100  
57 8.6 8.4 12.6



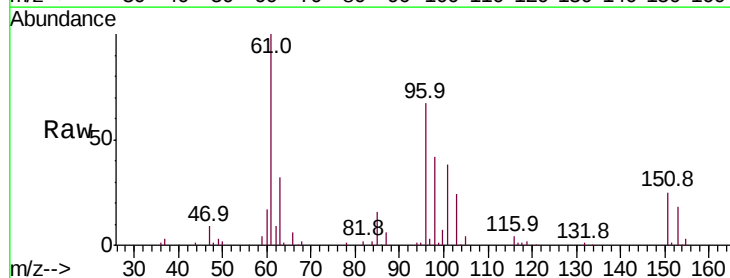
Abundance Ion 58.95 (58.65 to 59.65): VDC  
Ion 56.95 (56.65 to 57.65): VDC



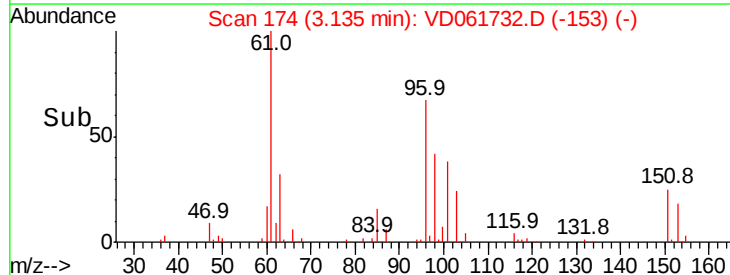
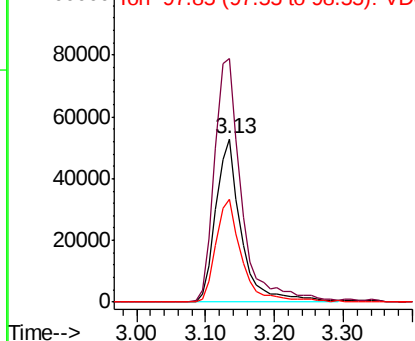
#12

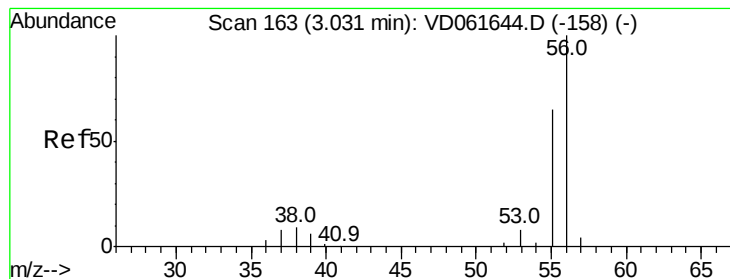
1,1-Dichloroethene  
Concen: 19.339 ug/l  
RT: 3.13 min Scan# 174  
Delta R.T. 0.01 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Tgt Ion: 96 Resp: 135657  
Ion Ratio Lower Upper  
96 100  
61 149.1 121.3 181.9  
98 62.8 50.6 76.0



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





#13

Acrolein

Concen: 58.448 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

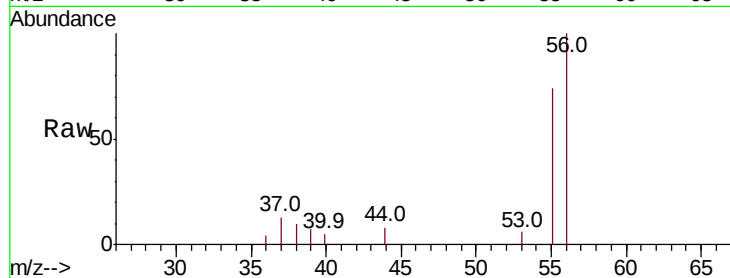
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 56 Resp: 24359

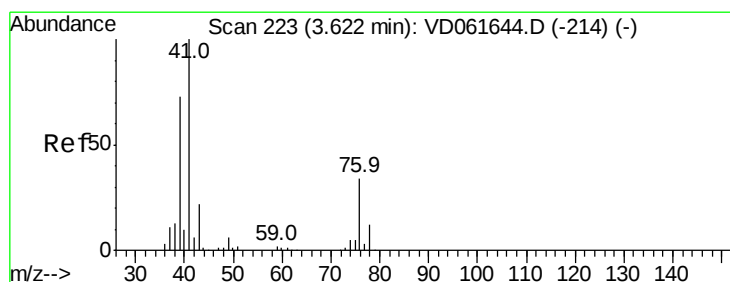
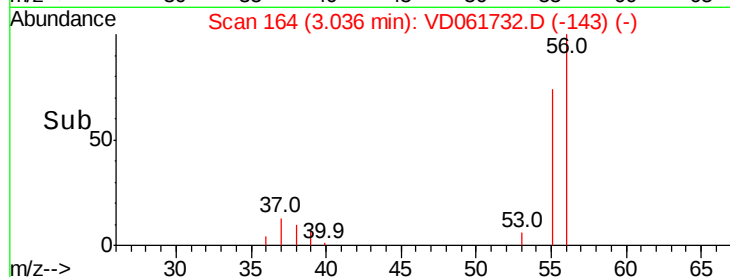
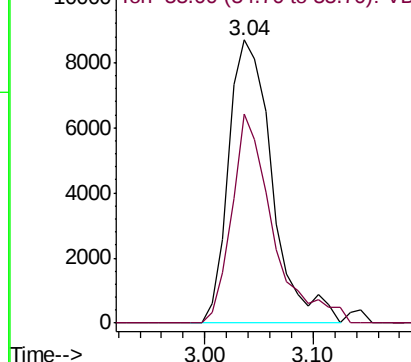
Ion Ratio Lower Upper

56 100

55 73.7 51.8 77.6



Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 17.319 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

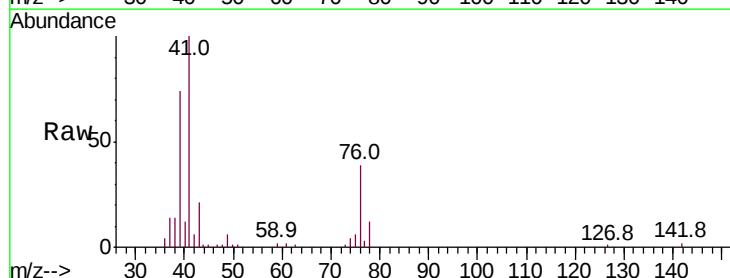
Tgt Ion: 41 Resp: 165700

Ion Ratio Lower Upper

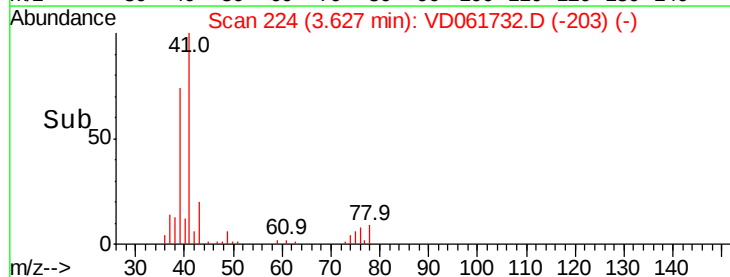
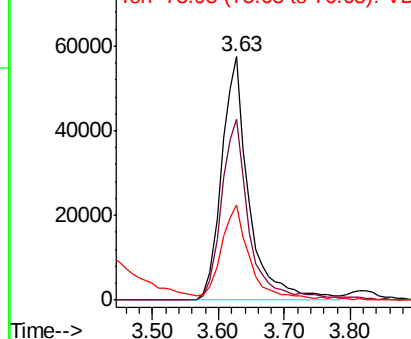
41 100

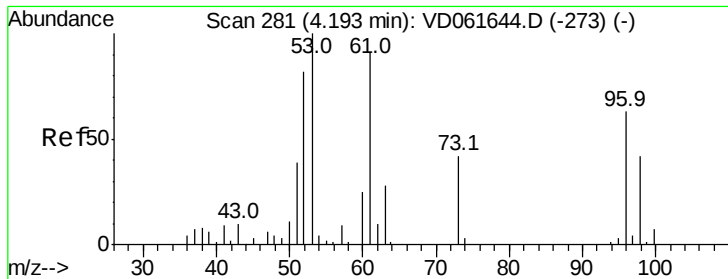
39 74.4 58.2 87.4

76 39.3 29.8 44.6



Abundance Ion 41.05 (40.75 to 41.75): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 91.338 ug/l

RT: 4.20 min Scan# 282

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :  
MSVOA\_D  
ClientSampleId :

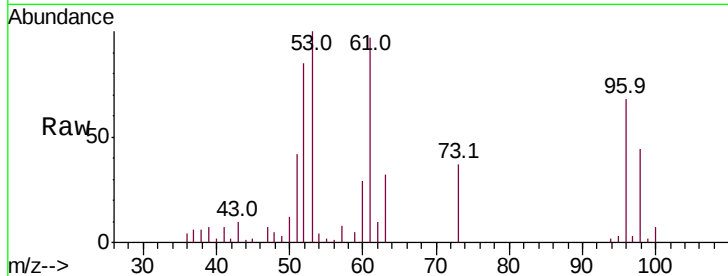
Tot Ion: 53 Resp: 107476

Ion Ratio Lower Upper

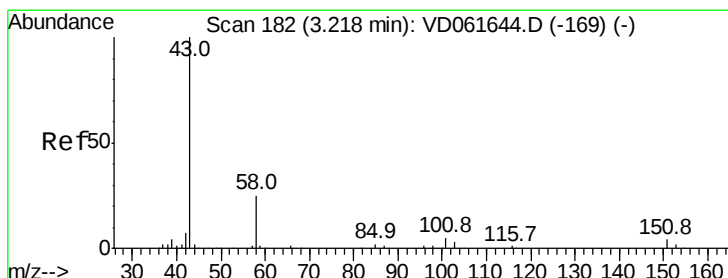
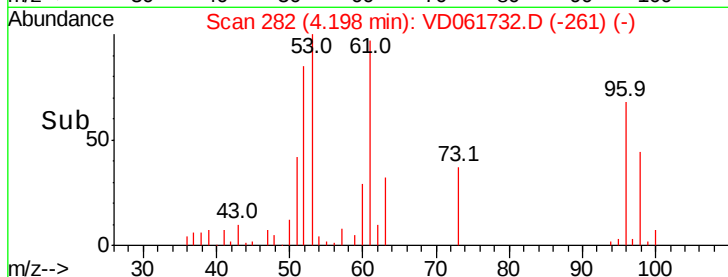
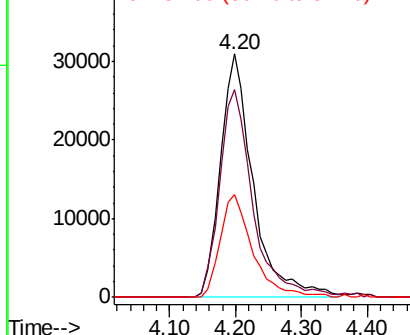
53 100

52 85.4 65.9 98.9

51 42.1 31.4 47.2



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



#16

Acetone

Concen: 91.016 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061732.D

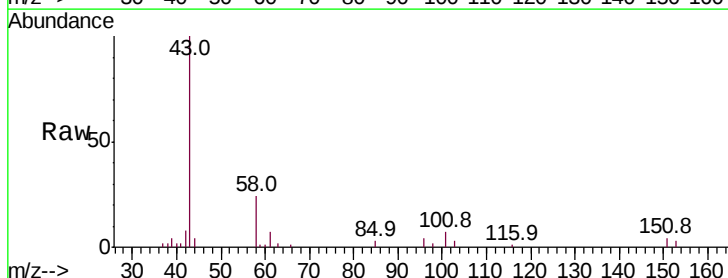
Acq: 11 Apr 2019 10:29

Tgt Ion: 43 Resp: 138772

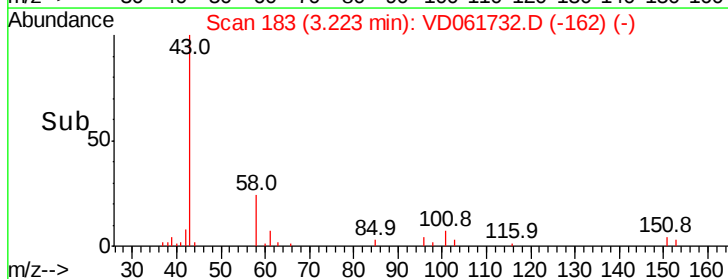
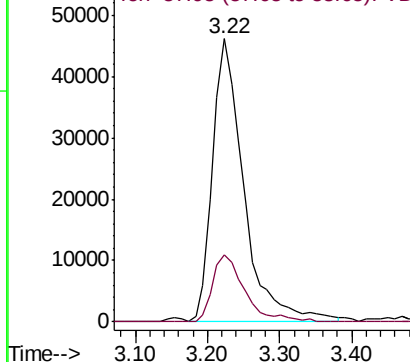
Ion Ratio Lower Upper

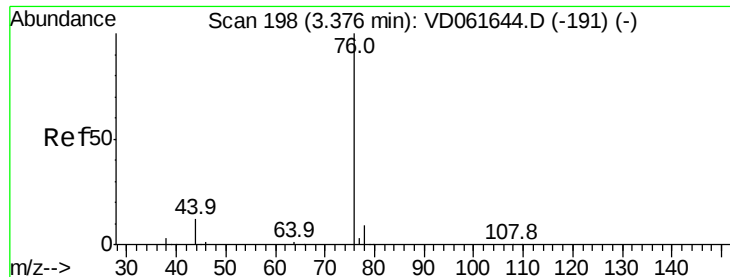
43 100

58 23.9 19.7 29.5



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

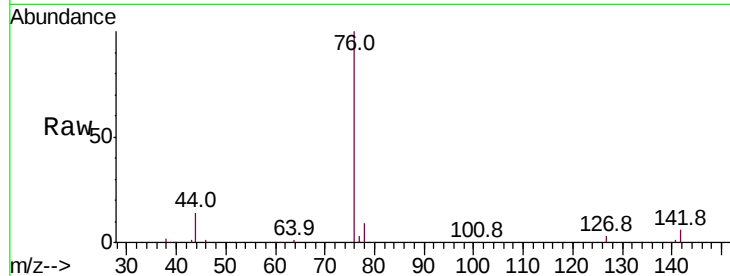




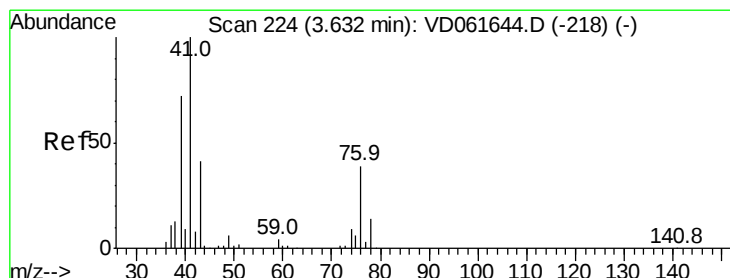
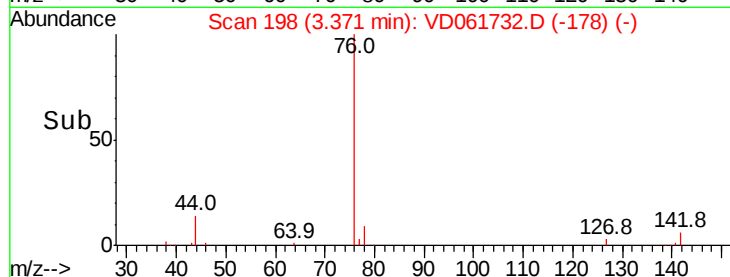
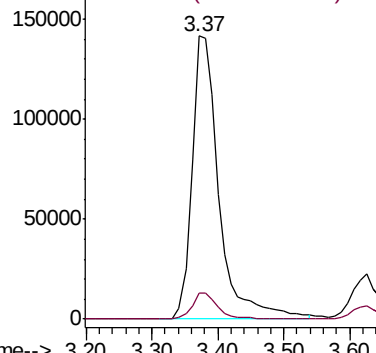
#17  
Carbon Disulfide  
Concen: 17.760 ug/l  
RT: 3.37 min Scan# 198  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 76 Resp: 404811  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.2

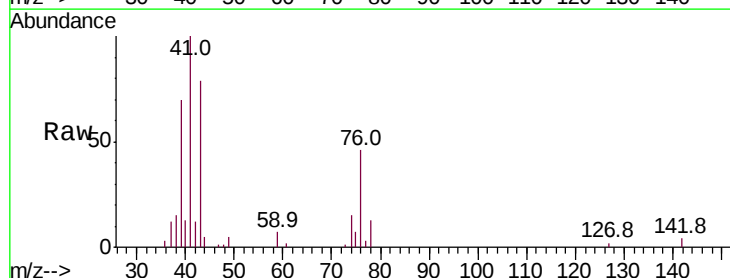


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

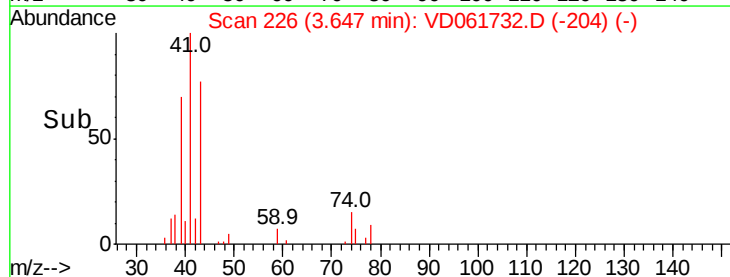
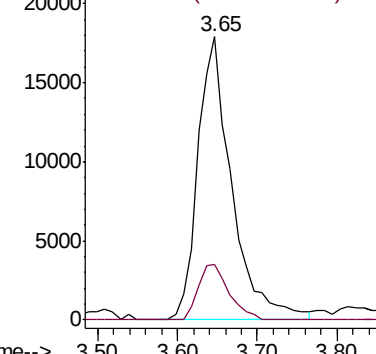


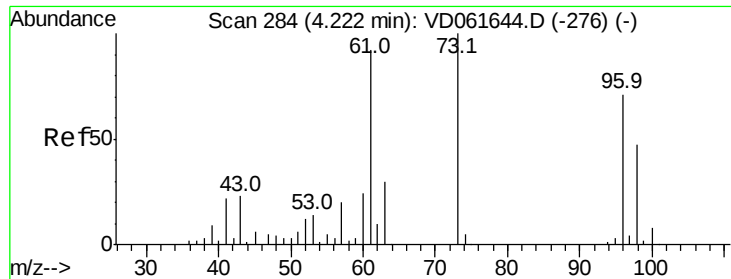
#18  
Methyl Acetate  
Concen: 18.633 ug/l  
RT: 3.65 min Scan# 226  
Delta R.T. 0.01 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Tgt Ion: 43 Resp: 53452  
Ion Ratio Lower Upper  
43 100  
74 19.6 18.2 27.2



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

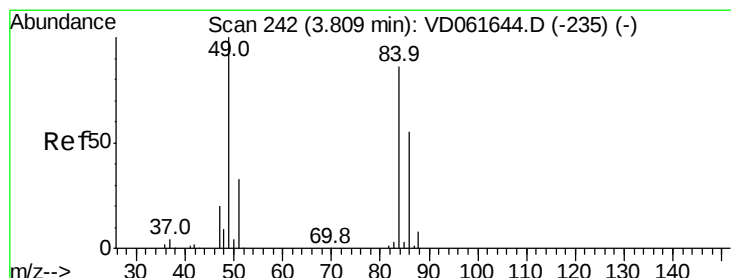
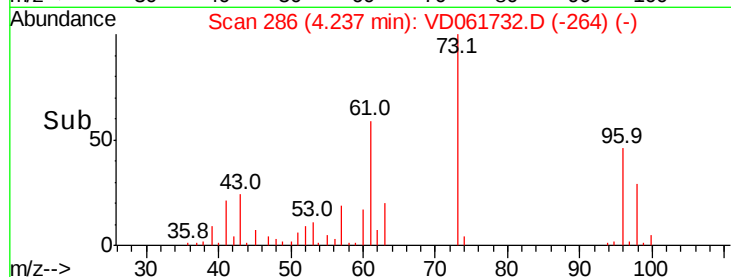
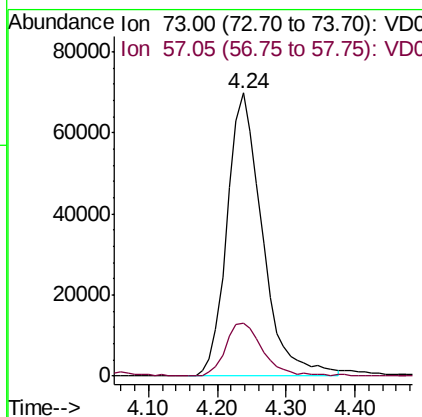
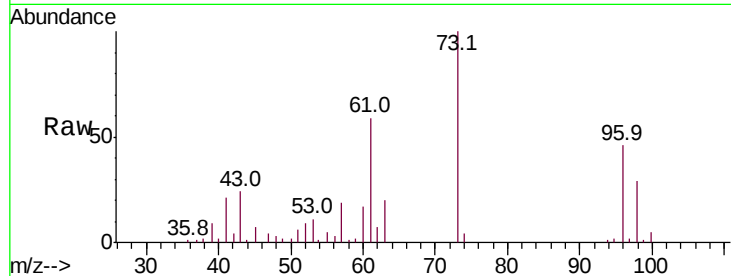




#19  
Methyl tert-butyl Ether  
Concen: 20.459 ug/l  
RT: 4.24 min Scan# 286  
Delta R.T. 0.01 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

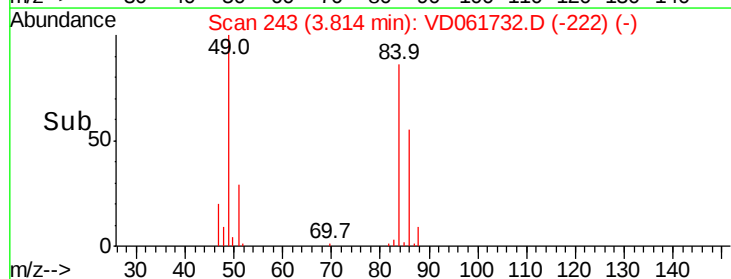
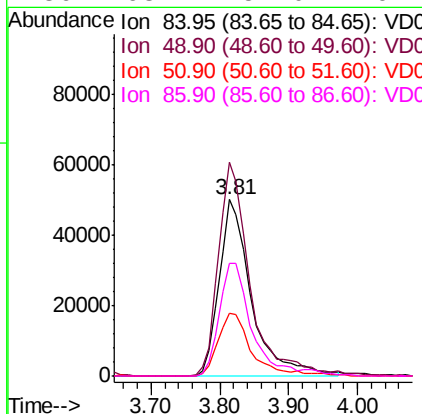
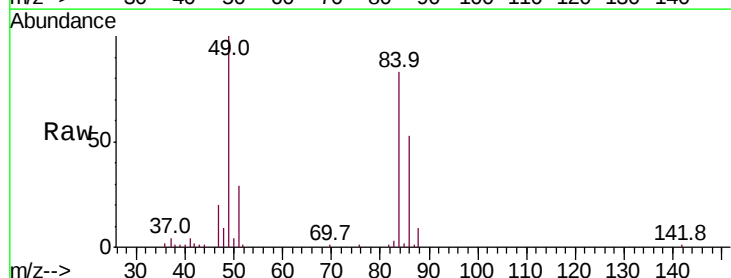
Instrument :  
MSVOA\_D  
ClientSampleId :

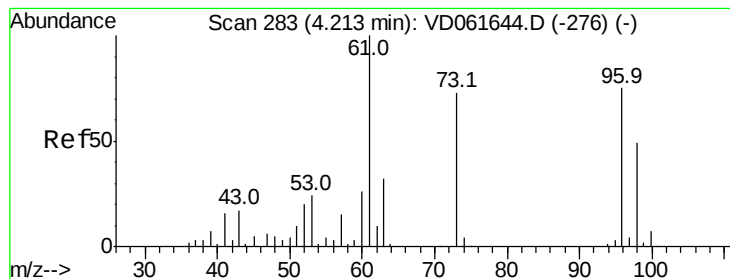
Tot Ion: 73 Resp: 248493  
Ion Ratio Lower Upper  
73 100  
57 18.7 16.0 24.0



#20  
Methylene Chloride  
Concen: 18.812 ug/l  
RT: 3.81 min Scan# 243  
Delta R.T. 0.01 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Tgt Ion: 84 Resp: 162758  
Ion Ratio Lower Upper  
84 100  
49 121.2 93.0 139.4  
51 35.3 30.4 45.6  
86 63.7 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 19.581 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :  
MSVOA\_D  
ClientSampleId :

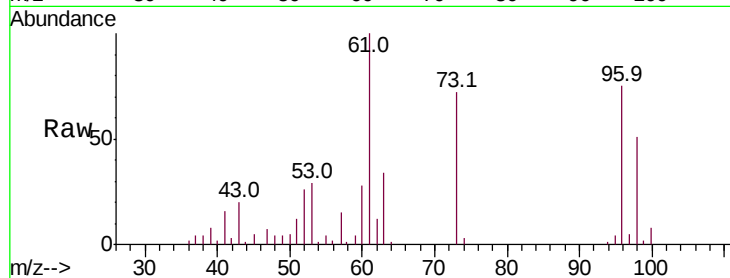
Tot Ion: 96 Resp: 149181

Ion Ratio Lower Upper

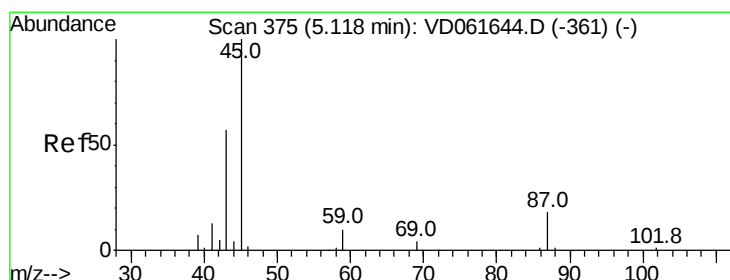
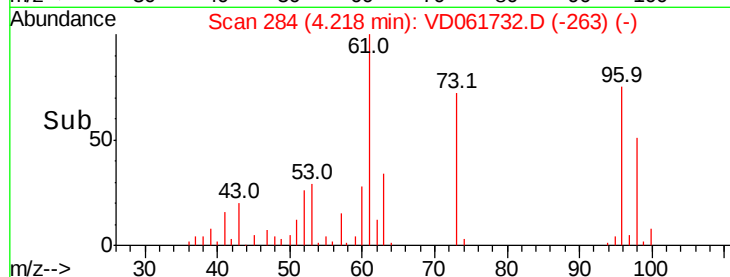
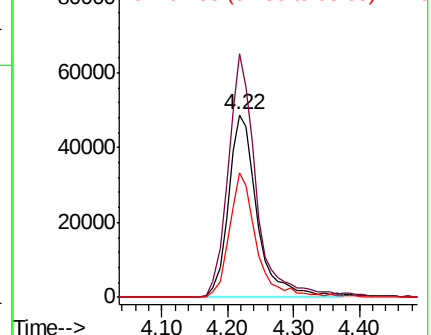
96 100

61 133.3 106.8 160.2

98 68.4 52.2 78.2



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



#22

Diisopropyl ether

Concen: 19.287 ug/l

RT: 5.12 min Scan# 376

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Tgt Ion: 45 Resp: 386885

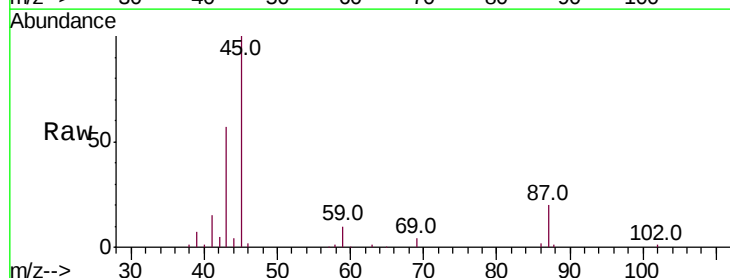
Ion Ratio Lower Upper

45 100

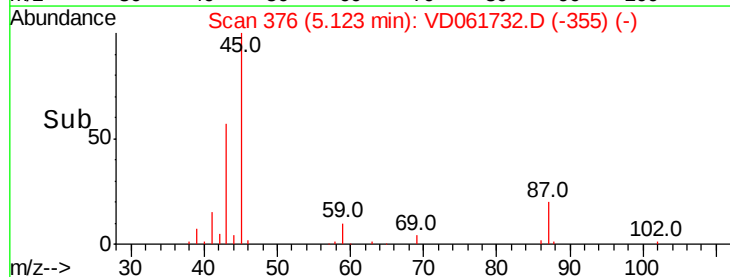
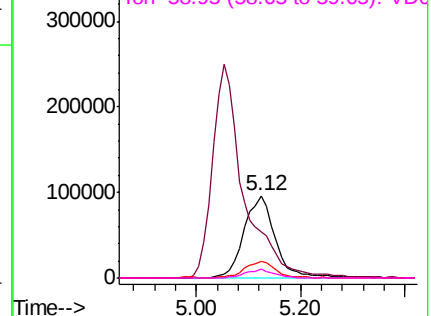
43 56.6 46.6 70.0

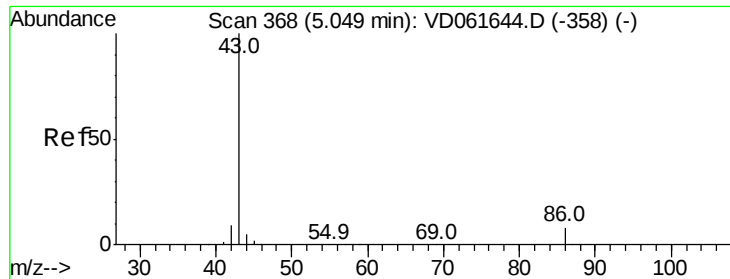
87 20.0 15.6 23.4

59 10.3 8.6 13.0



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

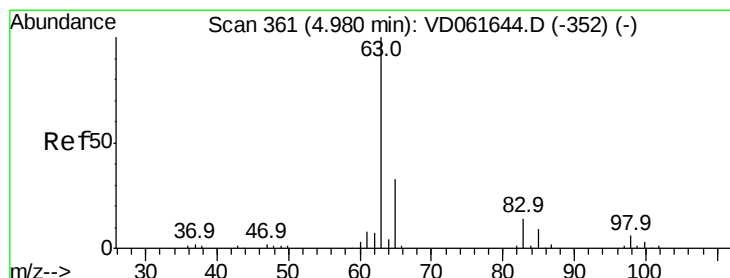
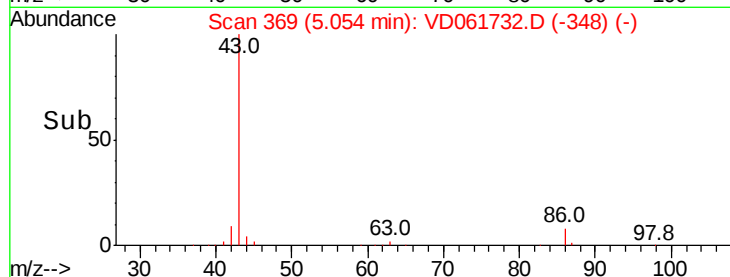
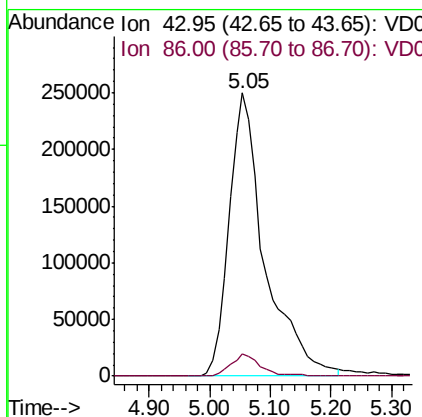
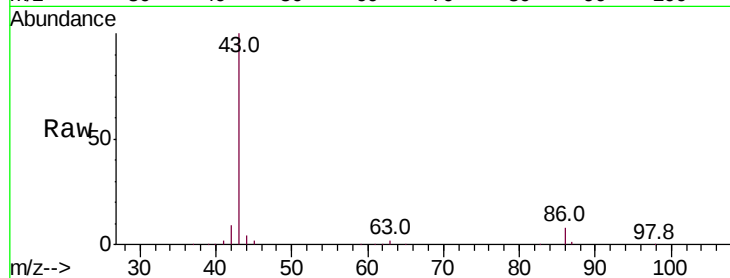




#23  
 Vinyl Acetate  
 Concen: 92.142 ug/l  
 RT: 5.05 min Scan# 369  
 Delta R.T. 0.01 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

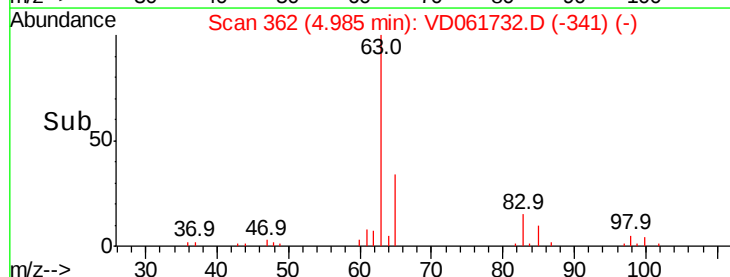
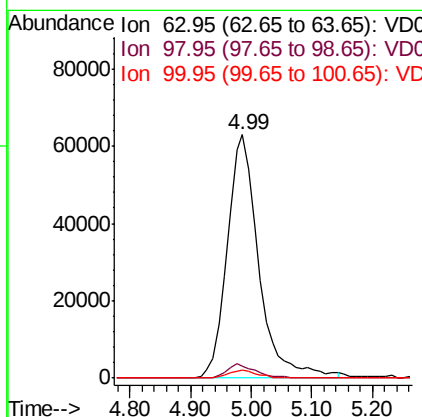
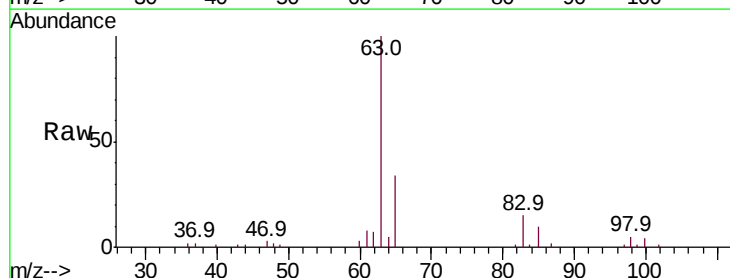
Instrument :  
 MSVOA\_D  
 ClientSampled :

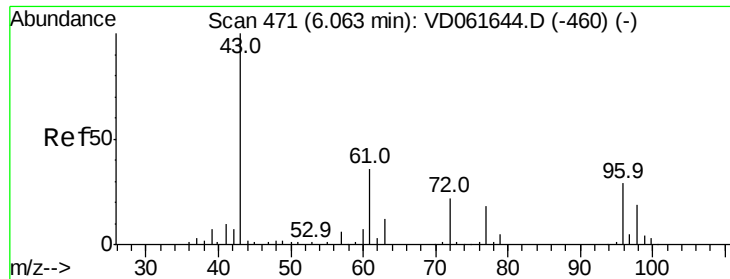
Tot Ion: 43 Resp: 1019862  
 Ion Ratio Lower Upper  
 43 100  
 86 8.0 6.4 9.6



#24  
 1,1-Dichloroethane  
 Concen: 18.495 ug/l  
 RT: 4.99 min Scan# 362  
 Delta R.T. 0.01 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Tgt Ion: 63 Resp: 227346  
 Ion Ratio Lower Upper  
 63 100  
 98 5.1 2.9 8.6  
 100 3.5 1.7 5.1





#25

2-Butanone

Concen: 95.131 ug/l

RT: 6.07 min Scan# 472

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

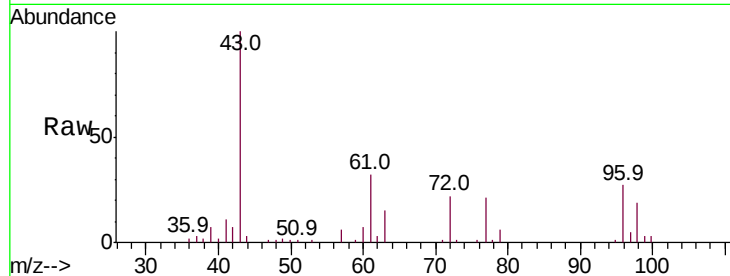
ClientSampleId :

Tot Ion: 43 Resp: 167214

Ion Ratio Lower Upper

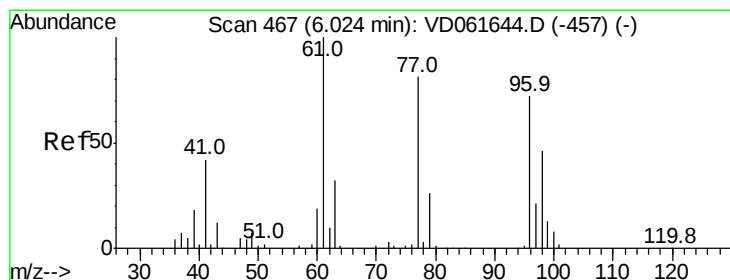
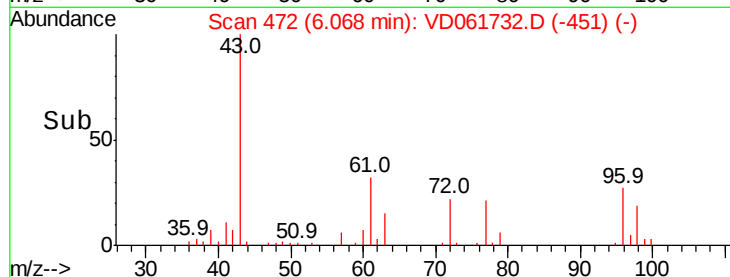
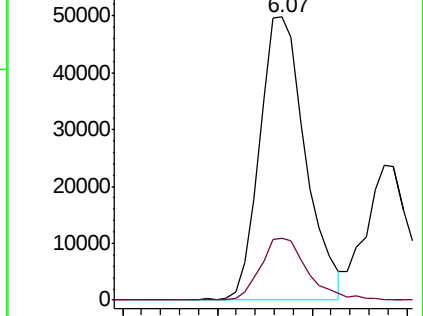
43 100

72 21.9 17.4 26.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.281 ug/l

RT: 6.03 min Scan# 468

Delta R.T. 0.01 min

Lab File: VD061732.D

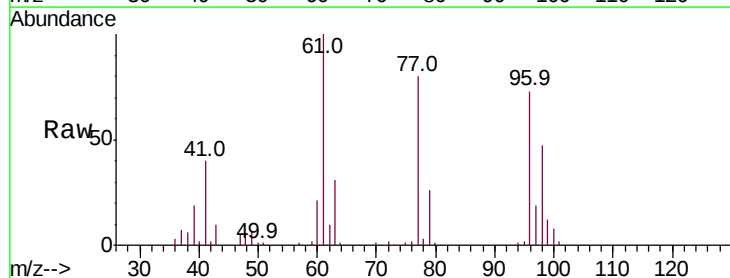
Acq: 11 Apr 2019 10:29

Tgt Ion: 77 Resp: 202990

Ion Ratio Lower Upper

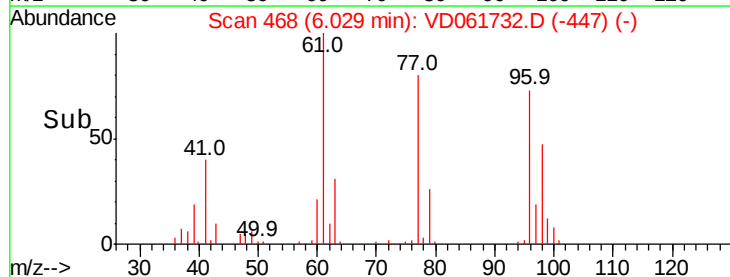
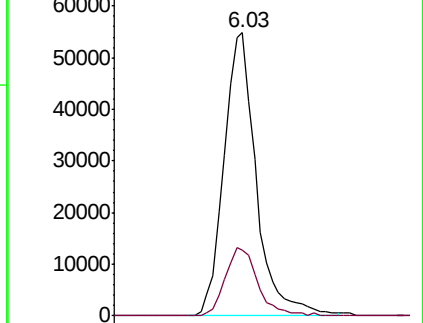
77 100

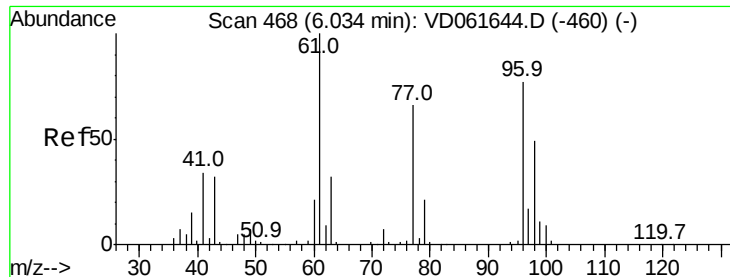
97 23.1 12.7 38.0



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



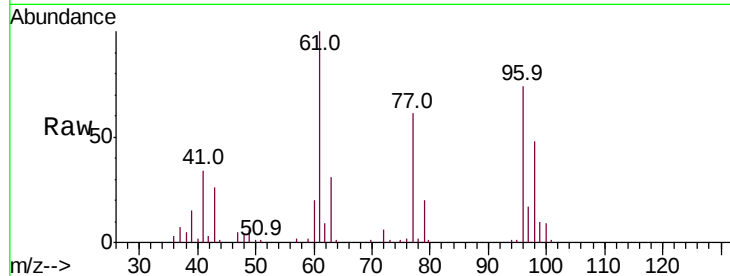


#27

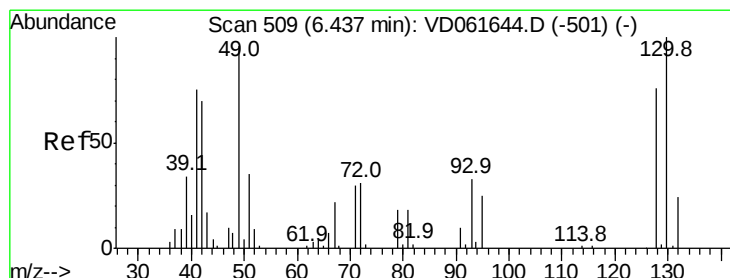
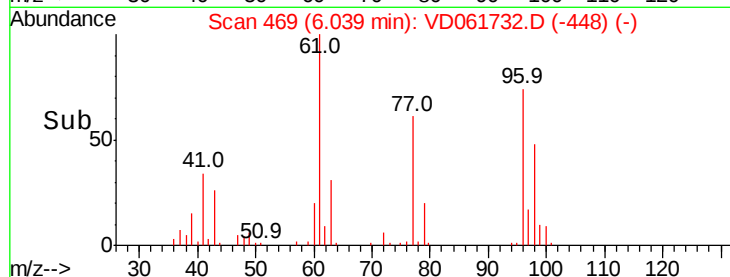
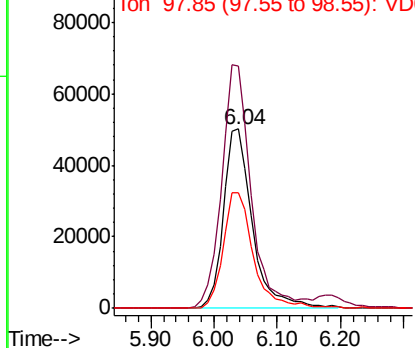
cis-1,2-Dichloroethene  
Concen: 19.568 ug/l  
RT: 6.04 min Scan# 469  
Delta R.T. 0.01 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Instrument :  
MSVOA\_D  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 135.0 | 0.0   | 259.8 |
| 98      | 64.8  | 0.0   | 127.6 |



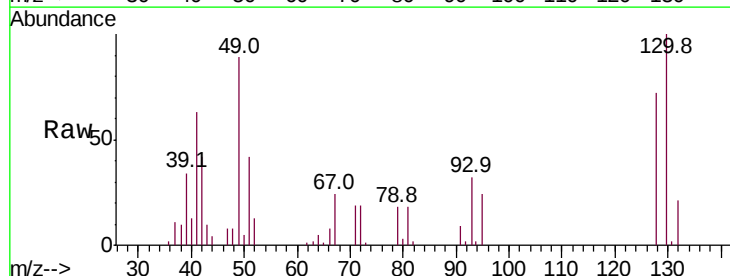
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



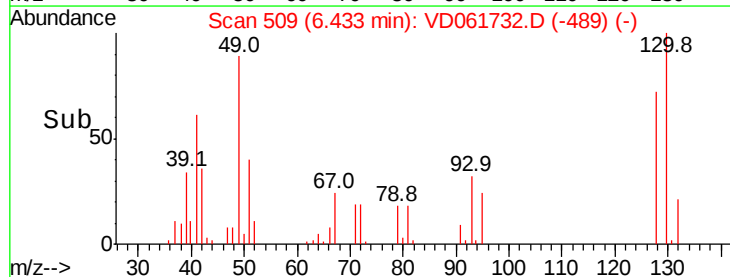
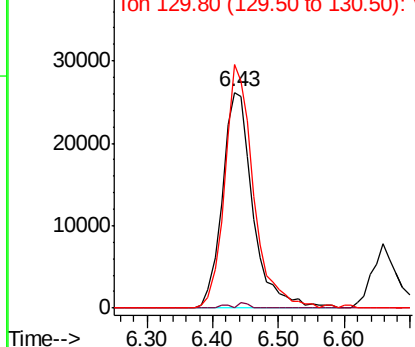
#28

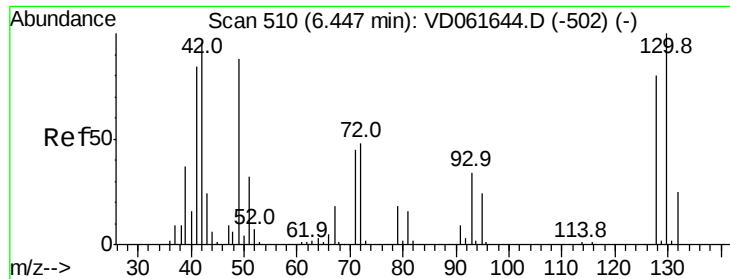
Bromochloromethane  
Concen: 18.709 ug/l  
RT: 6.43 min Scan# 509  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.0   | 0.0   | 4.0   |
| 130     | 112.9 | 83.3  | 124.9 |



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





#29

Tetrahydrofuran

Concen: 92.926 ug/l

RT: 6.45 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

ClientSampleId :

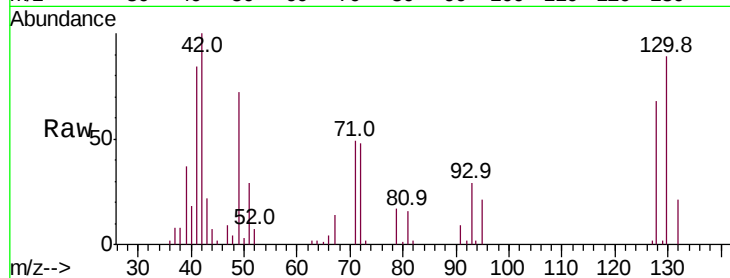
Tot Ion: 42 Resp: 78849

Ion Ratio Lower Upper

42 100

72 46.1 37.0 55.6

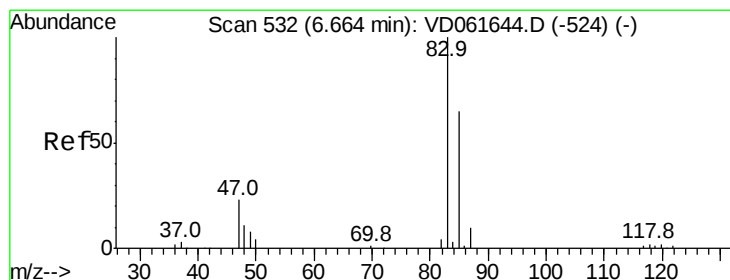
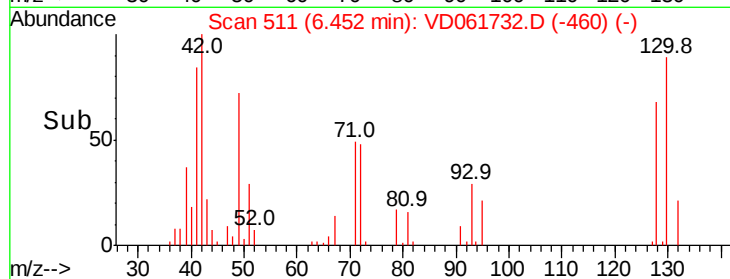
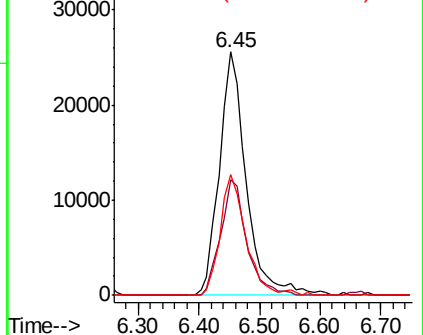
71 47.6 36.5 54.7



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 19.737 ug/l

RT: 6.66 min Scan# 532

Delta R.T. -0.00 min

Lab File: VD061732.D

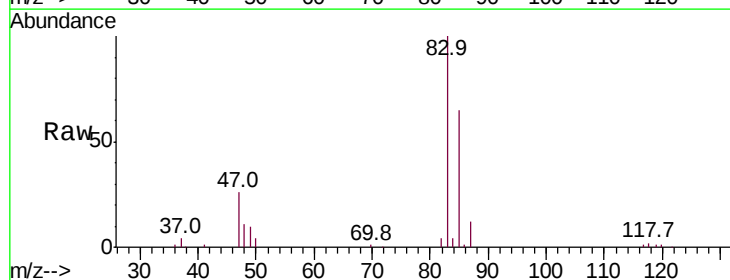
Acq: 11 Apr 2019 10:29

Tgt Ion: 83 Resp: 254162

Ion Ratio Lower Upper

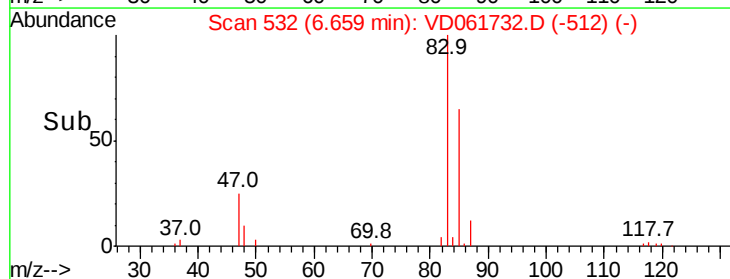
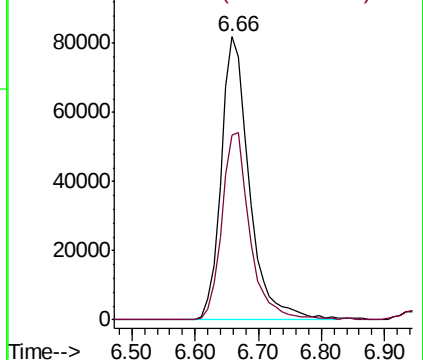
83 100

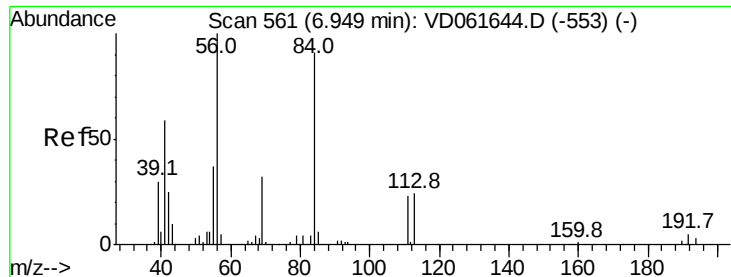
85 65.4 51.9 77.9



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

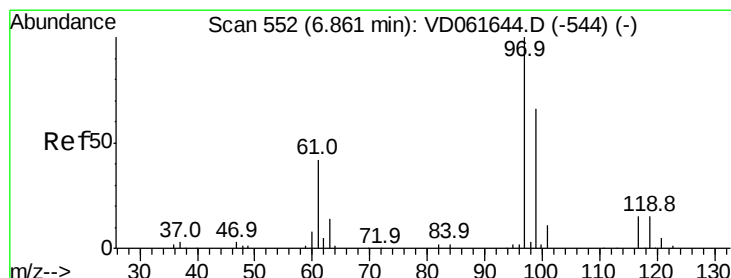
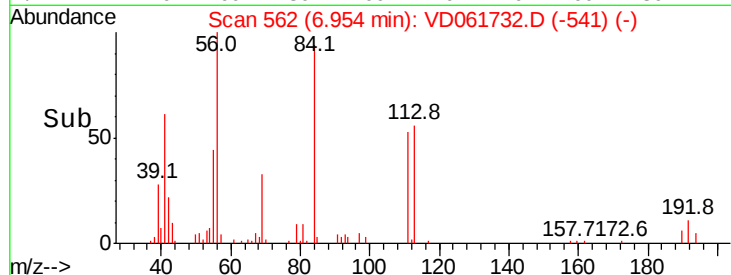
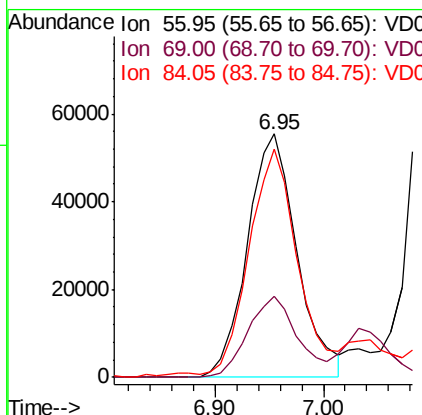
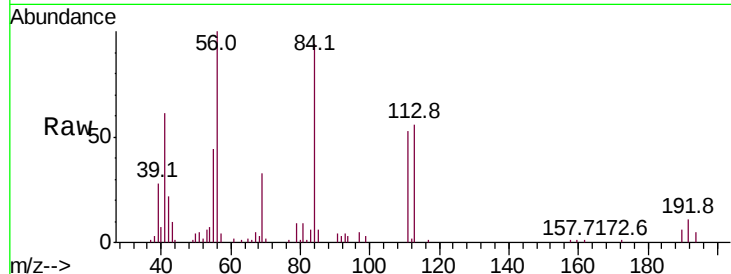




#31  
Cyclohexane  
Concen: 18.364 ug/l  
RT: 6.95 min Scan# 562  
Delta R.T. 0.01 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

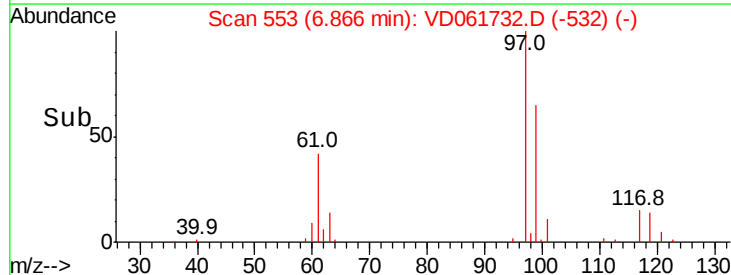
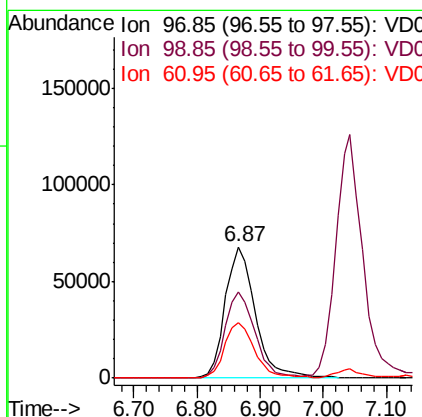
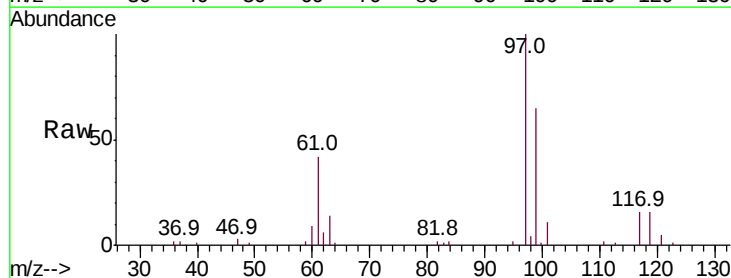
Instrument :  
MSVOA\_D  
ClientSampleId :

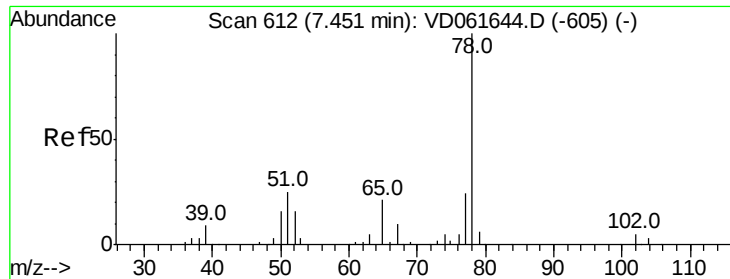
Tot Ion: 56 Resp: 176352  
Ion Ratio Lower Upper  
56 100  
69 33.2 25.8 38.6  
84 93.7 74.2 111.2



#32  
1,1,1-Trichloroethane  
Concen: 19.875 ug/l  
RT: 6.87 min Scan# 553  
Delta R.T. 0.01 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Tgt Ion: 97 Resp: 224277  
Ion Ratio Lower Upper  
97 100  
99 65.2 52.5 78.7  
61 42.3 33.4 50.0

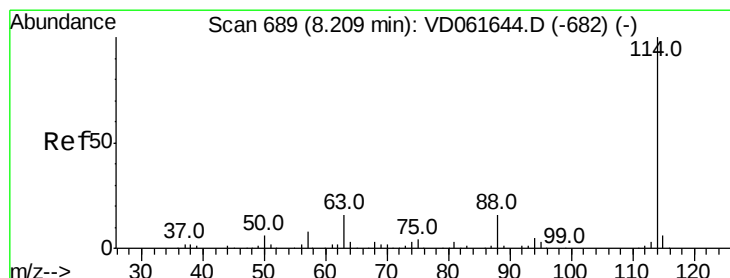
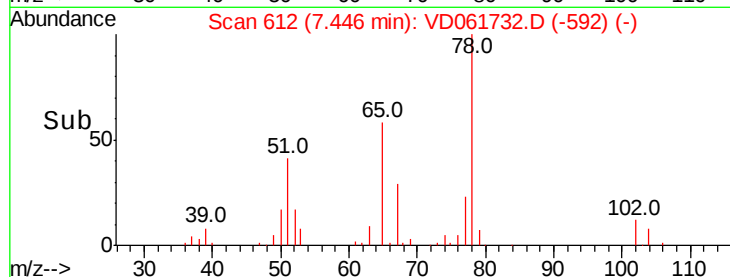
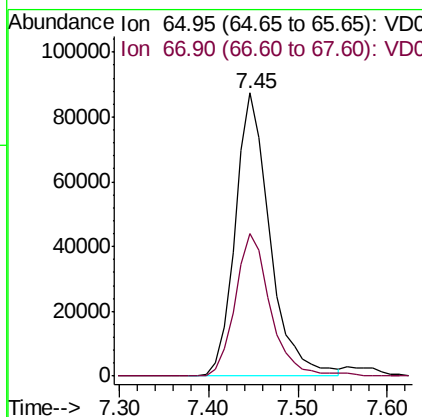
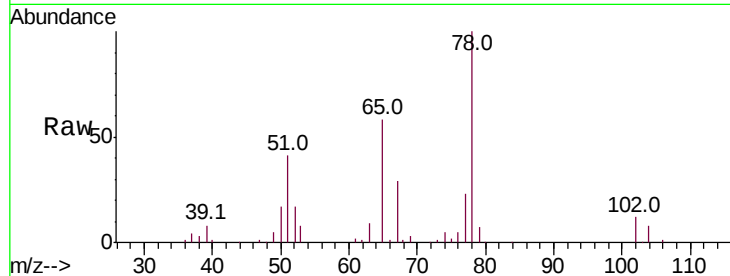




#33  
 1,2-Dichloroethane-d4  
 Concen: 19.875 ug/l  
 RT: 7.45 min Scan# 612  
 Delta R.T. -0.00 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

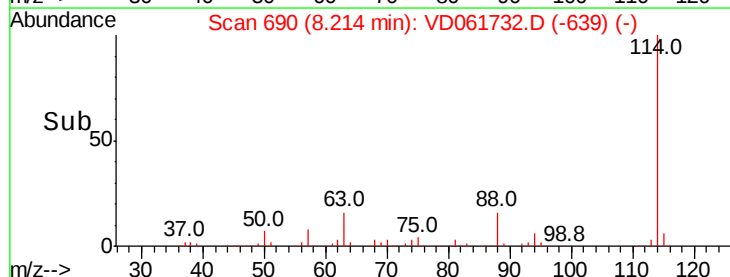
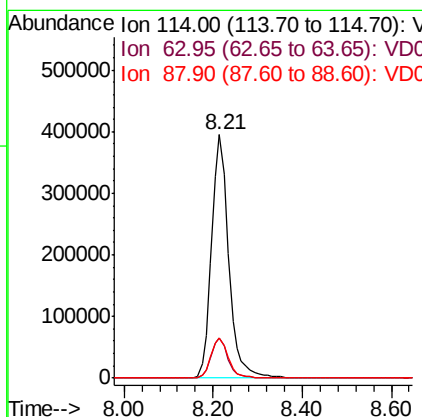
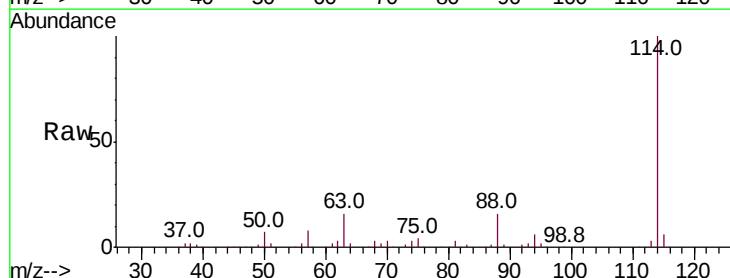
Instrument :  
 MSVOA\_D  
 ClientSampled :

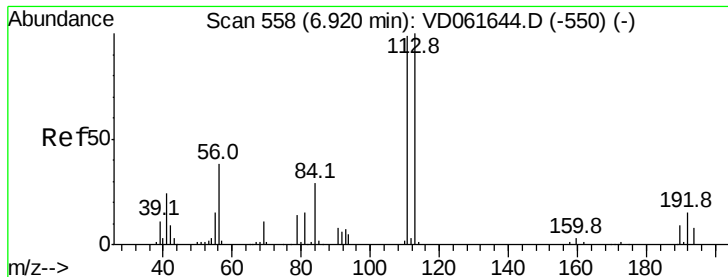
Tot Ion: 65 Resp: 236770  
 Ion Ratio Lower Upper  
 65 100  
 67 50.6 0.0 99.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.21 min Scan# 690  
 Delta R.T. 0.01 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Tgt Ion:114 Resp: 1053967  
 Ion Ratio Lower Upper  
 114 100  
 63 16.3 0.0 31.2  
 88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :  
MSVOA\_D  
ClientSampleId :

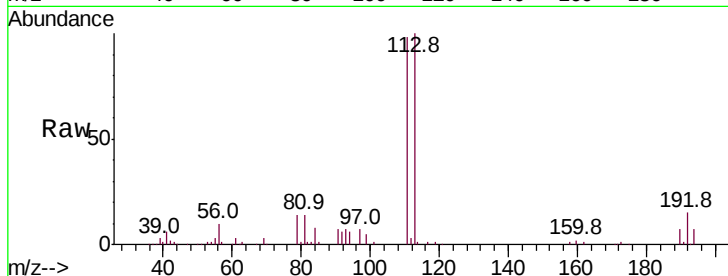
Tot Ion:113 Resp: 364728

Ion Ratio Lower Upper

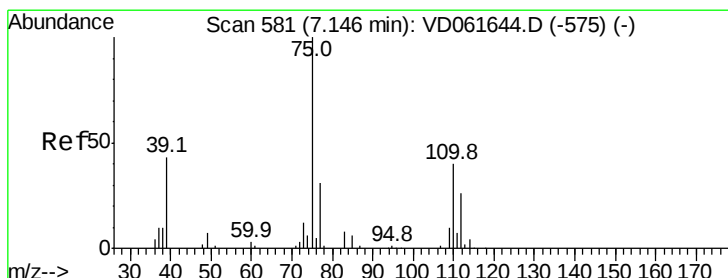
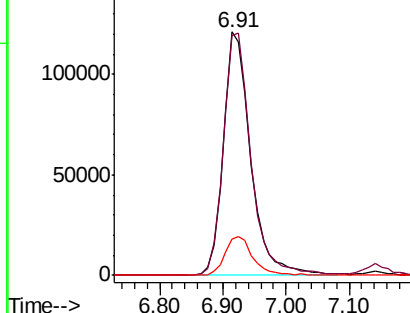
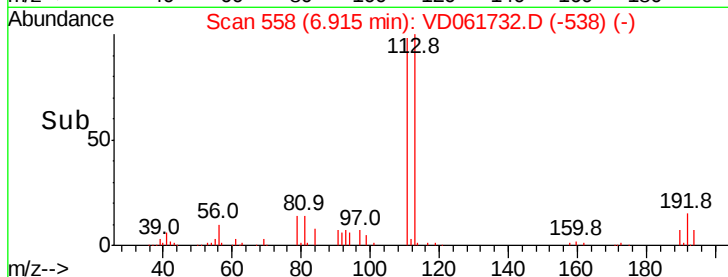
113 100

111 98.4 79.3 118.9

192 14.8 12.3 18.5



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: 21.151 ug/l

RT: 7.14 min Scan# 581

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

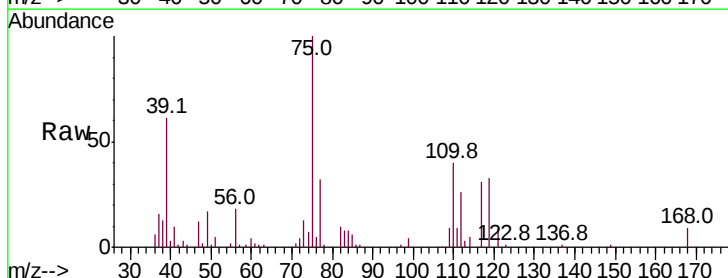
Tgt Ion: 75 Resp: 195100

Ion Ratio Lower Upper

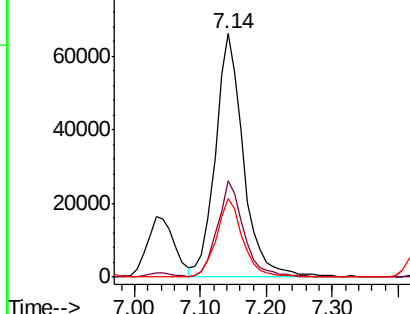
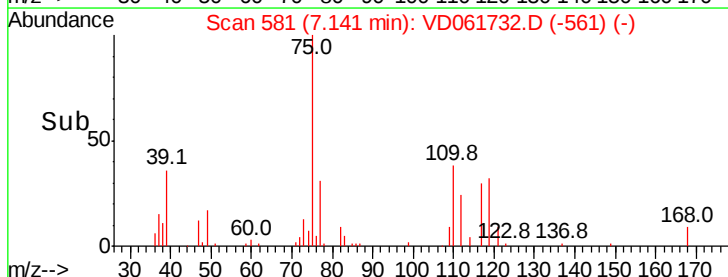
75 100

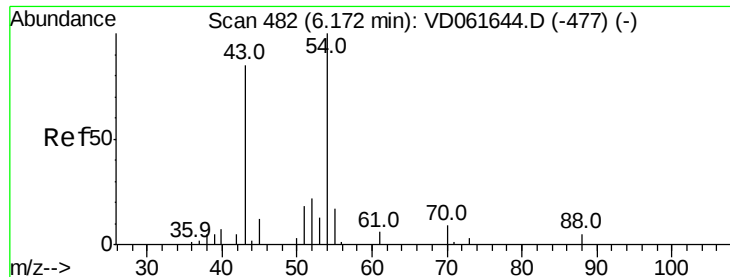
110 39.5 19.7 59.0

77 32.5 24.8 37.2



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

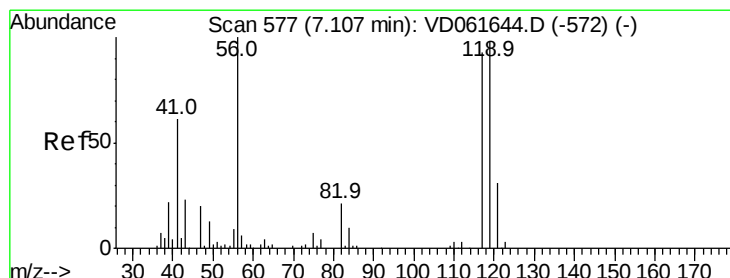
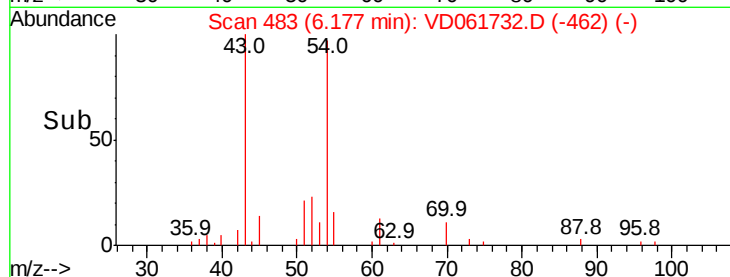
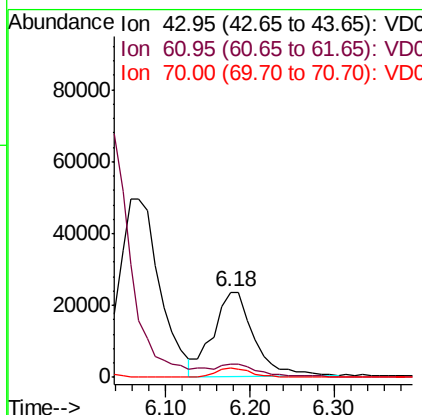
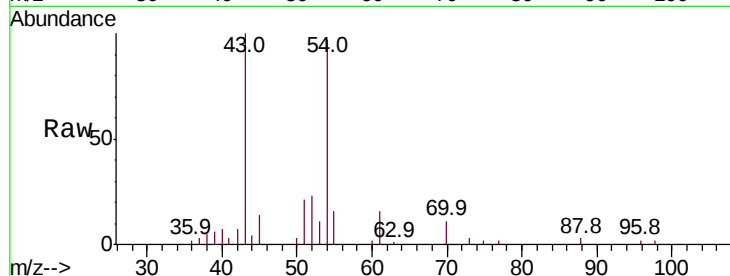




#37  
Ethyl Acetate  
Concen: 20.772 ug/l  
RT: 6.18 min Scan# 483  
Delta R.T. 0.01 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

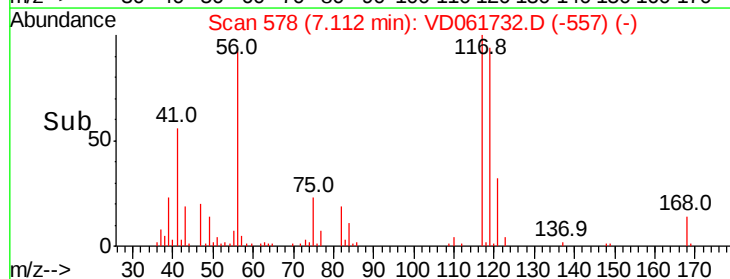
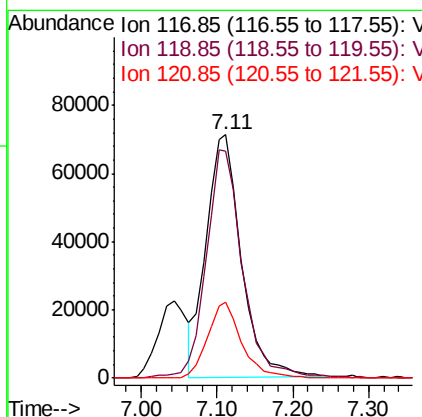
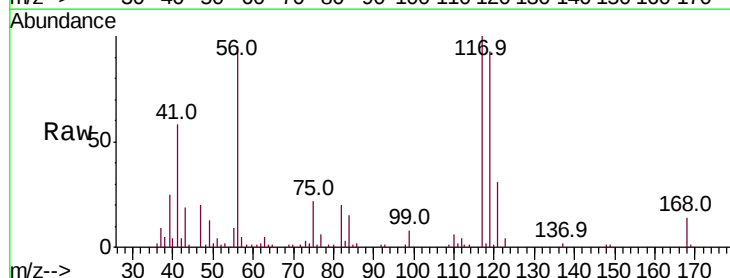
Instrument :  
MSVOA\_D  
ClientSampled :

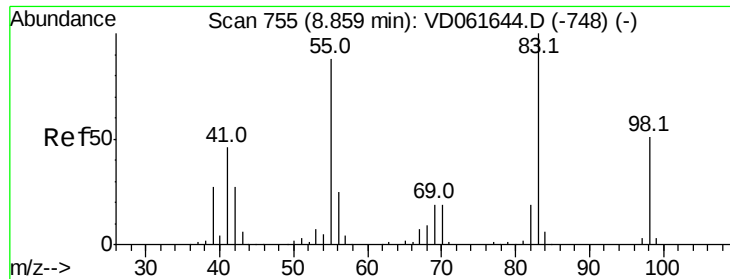
Tot Ion: 43 Resp: 78041  
Ion Ratio Lower Upper  
43 100  
61 16.0 11.9 17.9  
70 10.8 6.9 10.3#



#38  
Carbon Tetrachloride  
Concen: 21.418 ug/l  
RT: 7.11 min Scan# 578  
Delta R.T. 0.01 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Tgt Ion: 117 Resp: 231544  
Ion Ratio Lower Upper  
117 100  
119 93.4 77.9 116.9  
121 31.4 24.7 37.1

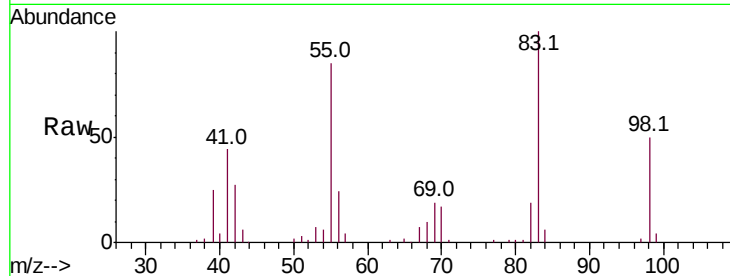




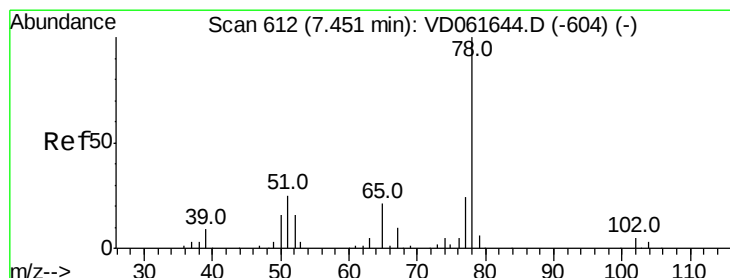
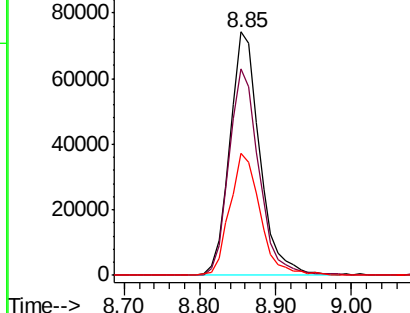
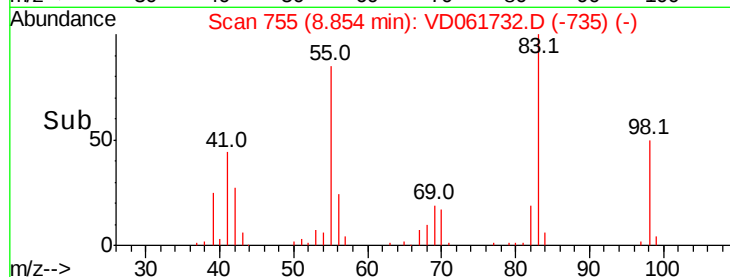
#39  
Methvlcvclohexane  
Concen: 21.376 ug/l  
RT: 8.85 min Scan# 755  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 83 Resp: 202430  
Ion Ratio Lower Upper  
83 100  
55 84.8 70.3 105.5  
98 50.1 41.0 61.6

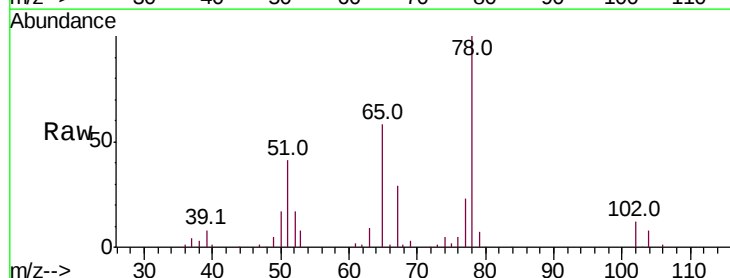


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

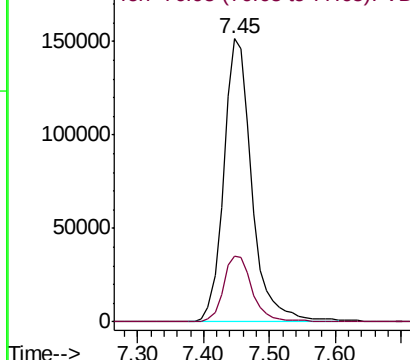
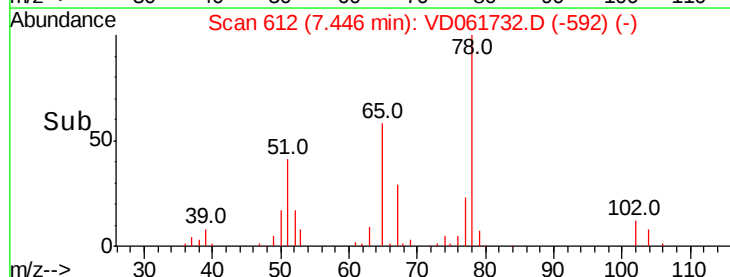


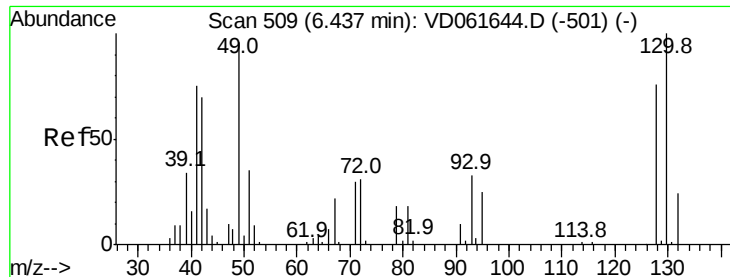
#40  
Benzene  
Concen: 20.324 ug/l  
RT: 7.45 min Scan# 612  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Tgt Ion: 78 Resp: 452268  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.5 29.3



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





#41

Methacrylonitrile

Concen: 20.369 ug/l

RT: 6.44 min Scan# 510

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

ClientSampleId :

Tot Ion: 41 Resp: 89337

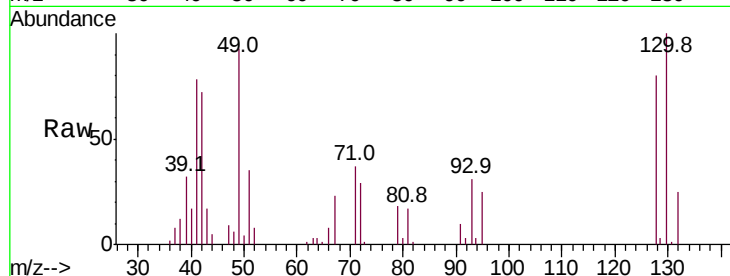
Ion Ratio Lower Upper

41 100

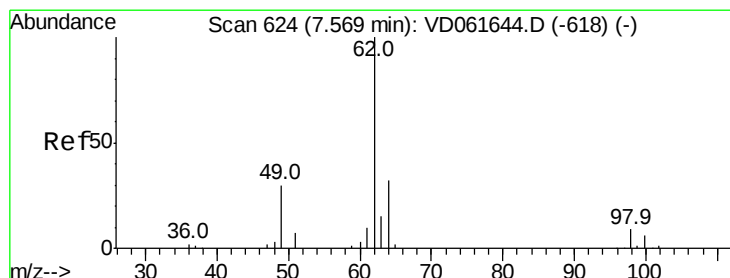
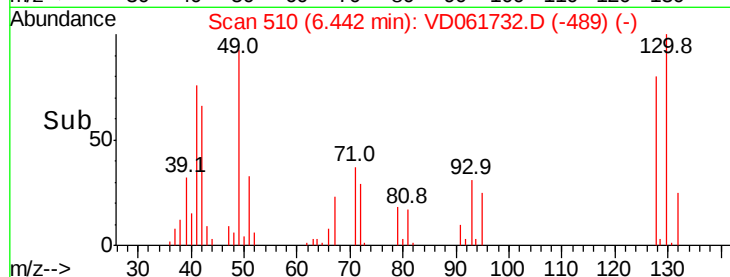
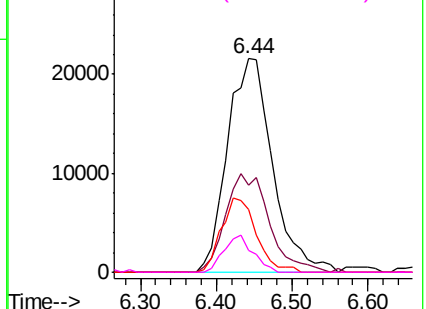
39 40.9 36.2 54.2

67 29.6 23.2 34.8

52 10.1 10.0 15.0



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



#42

1,2-Dichloroethane

Concen: 21.996 ug/l

RT: 7.57 min Scan# 625

Delta R.T. 0.01 min

Lab File: VD061732.D

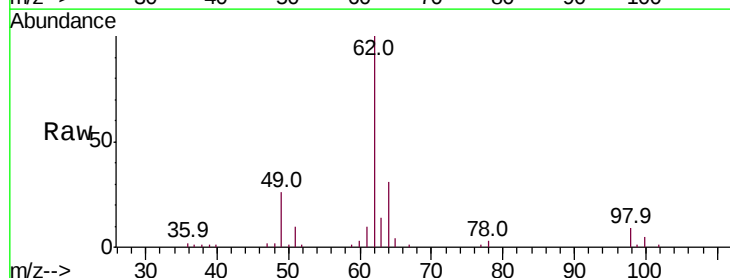
Acq: 11 Apr 2019 10:29

Tgt Ion: 62 Resp: 153935

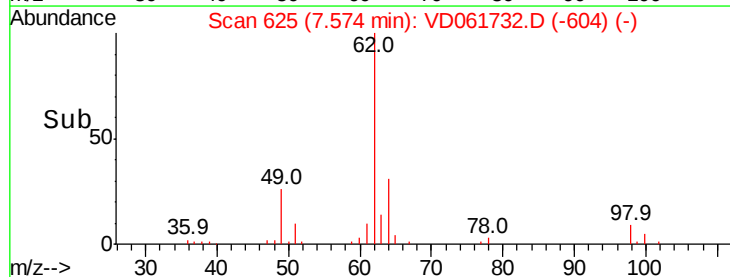
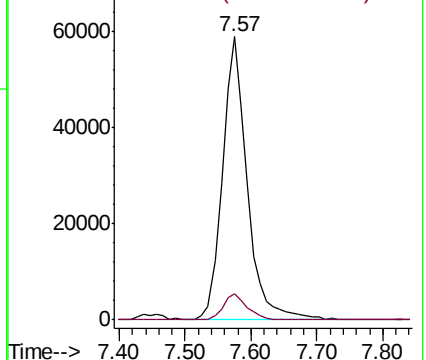
Ion Ratio Lower Upper

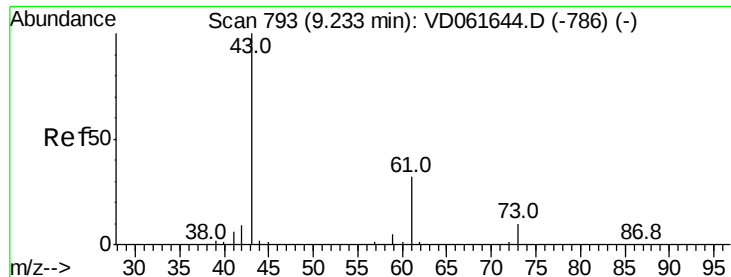
62 100

98 9.3 0.0 17.8



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



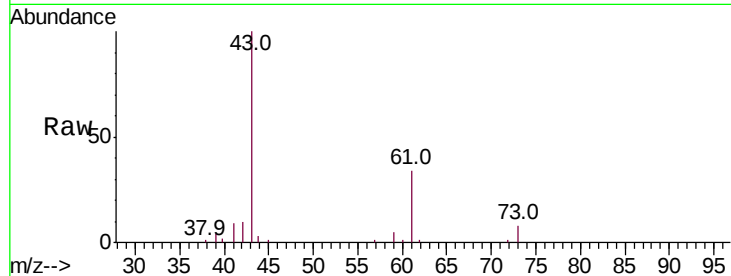


#43

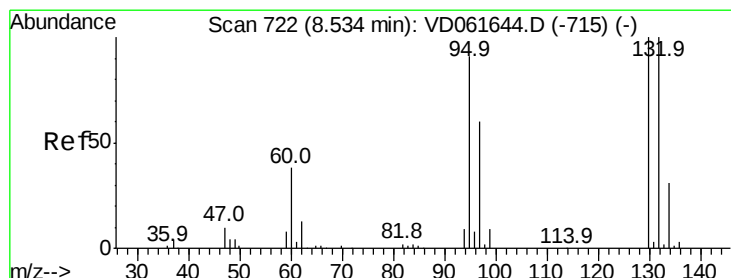
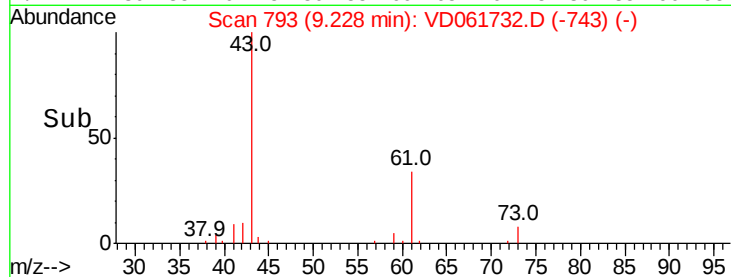
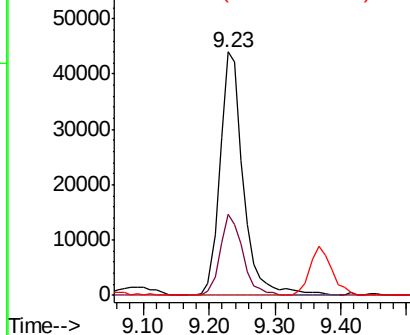
Isopropyl Acetate  
 Concen: 19.927 ug/l  
 RT: 9.23 min Scan# 793  
 Delta R.T. -0.00 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Instrument :  
 MSVOA\_D  
 ClientSampled :

Tot Ion: 43 Resp: 108658  
 Ion Ratio Lower Upper  
 43 100  
 61 33.5 25.9 38.9  
 87 0.0 0.2 0.4#



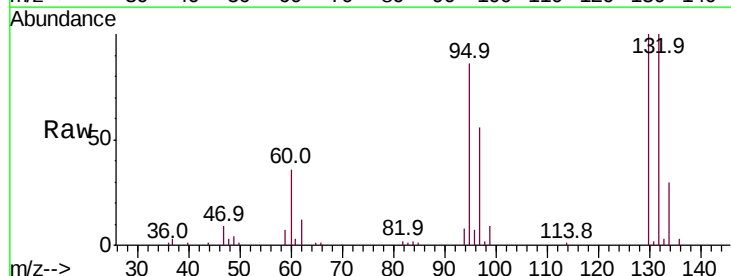
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



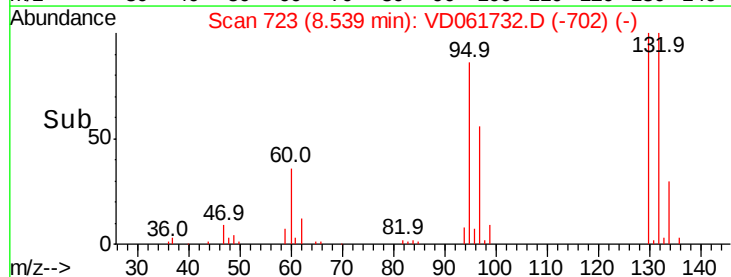
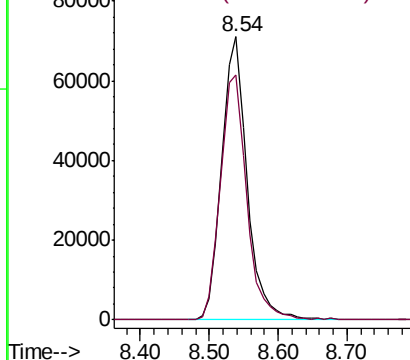
#44

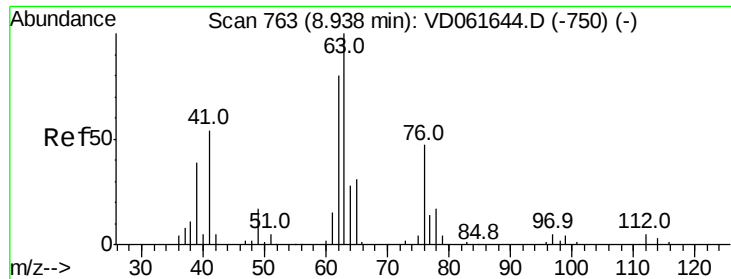
Trichloroethene  
 Concen: 21.334 ug/l  
 RT: 8.54 min Scan# 723  
 Delta R.T. 0.01 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Tgt Ion:130 Resp: 182004  
 Ion Ratio Lower Upper  
 130 100  
 95 86.5 0.0 181.8



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





#45

1,2-Dichloropropane

Concen: 20.223 ug/l

RT: 8.93 min Scan# 763

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

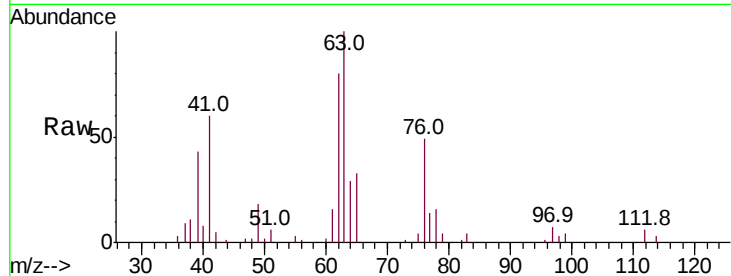
ClientSampled :

Tot Ion: 63 Resp: 111602

Ion Ratio Lower Upper

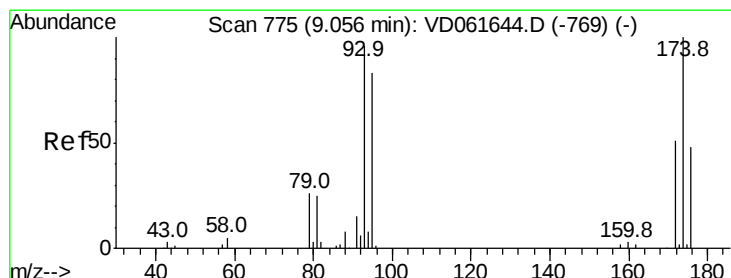
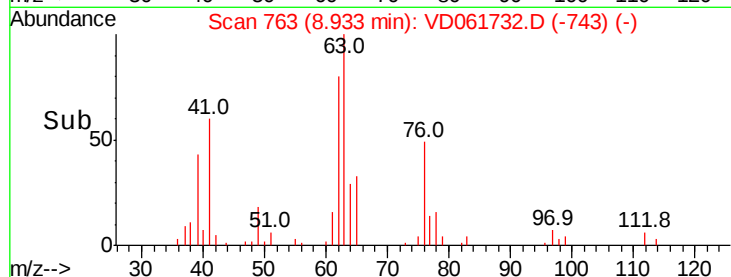
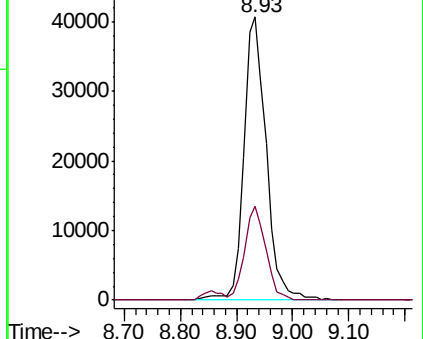
63 100

65 33.1 24.5 36.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 20.104 ug/l

RT: 9.05 min Scan# 775

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

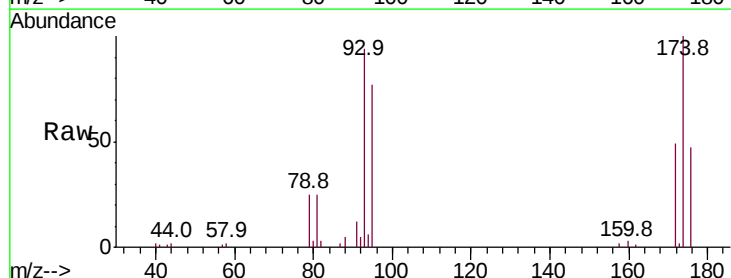
Tgt Ion: 93 Resp: 79294

Ion Ratio Lower Upper

93 100

95 81.8 68.6 103.0

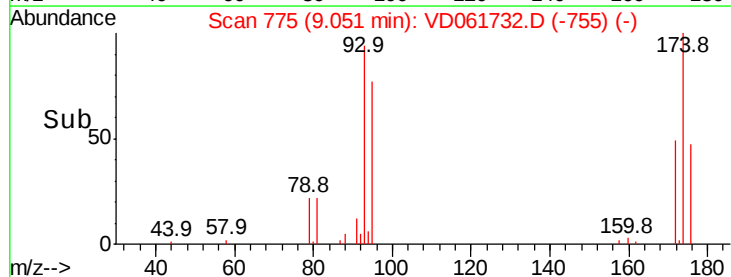
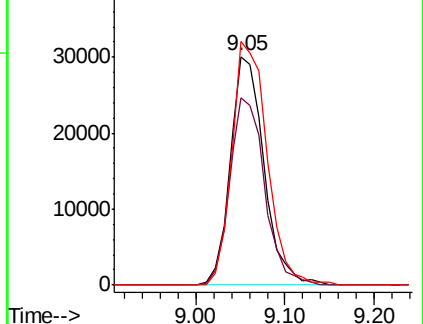
174 106.6 83.0 124.4

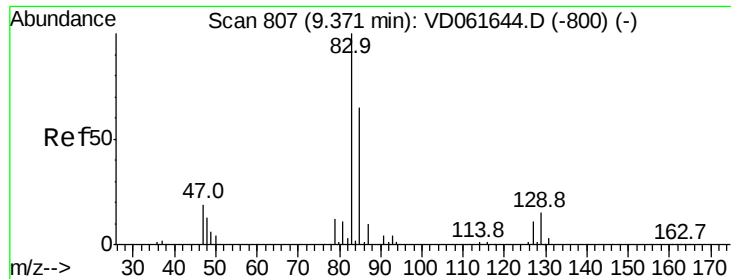


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 22.230 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

ClientSampled :

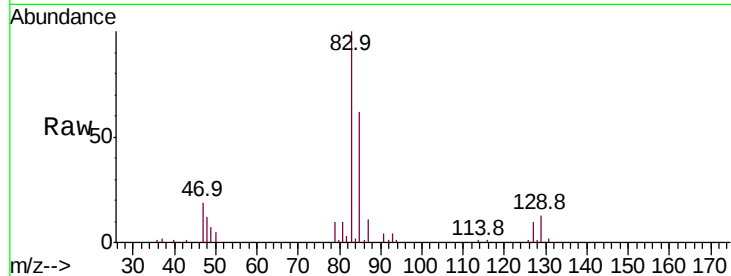
Tot Ion: 83 Resp: 192571

Ion Ratio Lower Upper

83 100

85 61.5 51.8 77.6

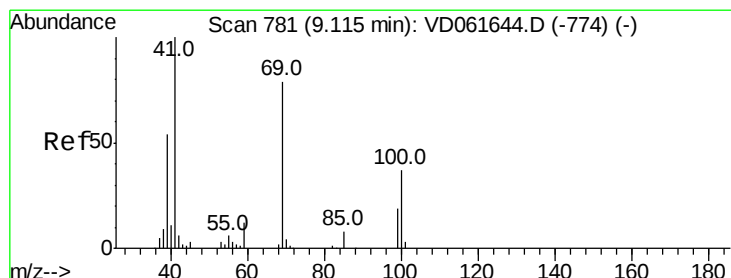
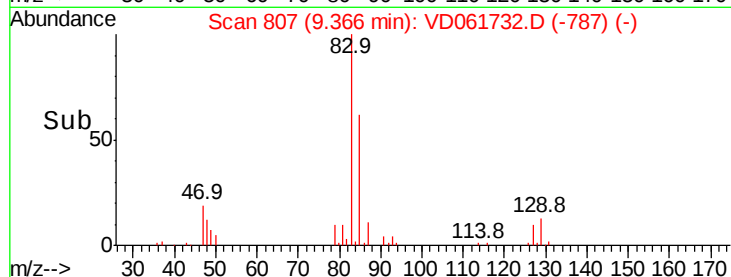
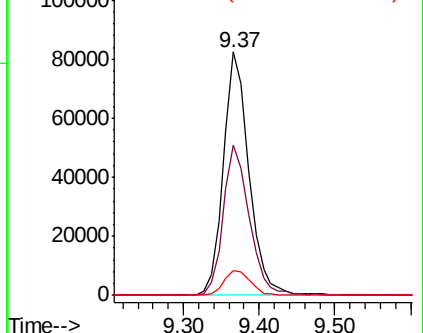
127 10.4 9.0 13.6



Abundance Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 20.012 ug/l

RT: 9.11 min Scan# 781

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

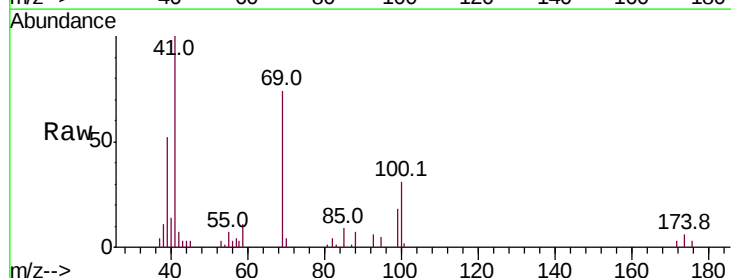
Tgt Ion: 41 Resp: 62901

Ion Ratio Lower Upper

41 100

69 74.0 63.1 94.7

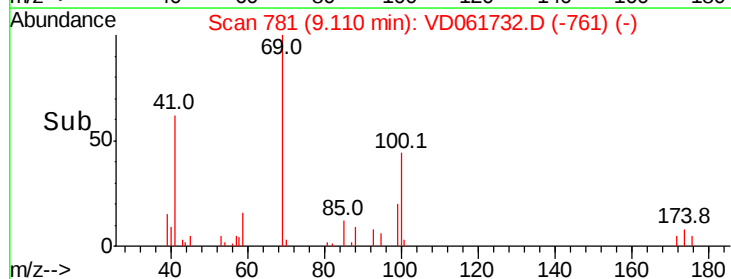
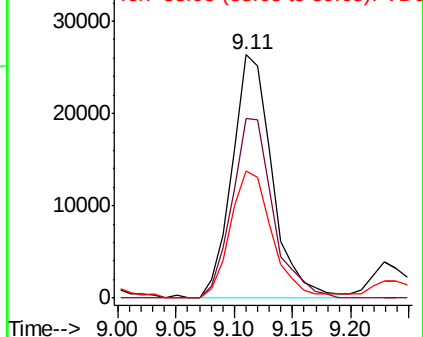
39 52.3 43.8 65.8

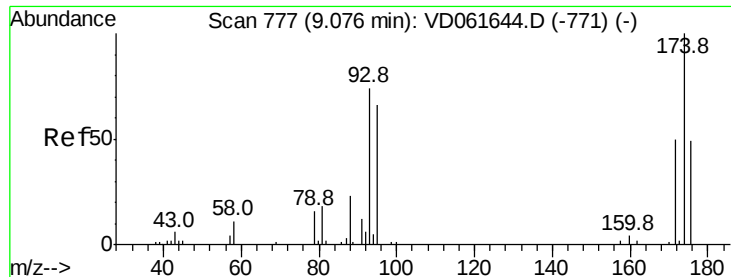


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

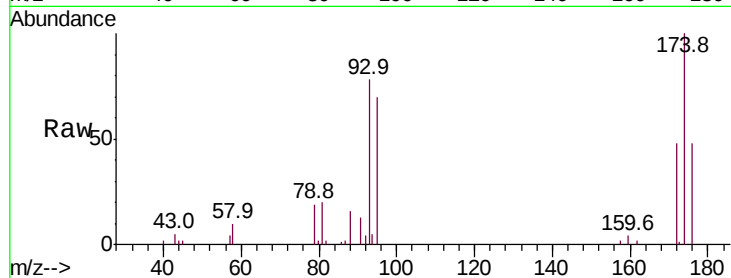




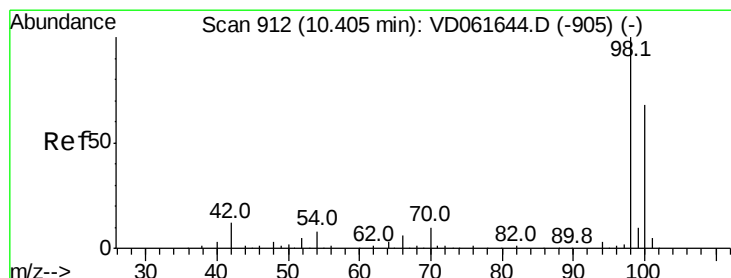
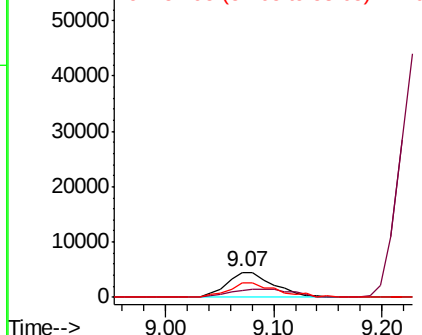
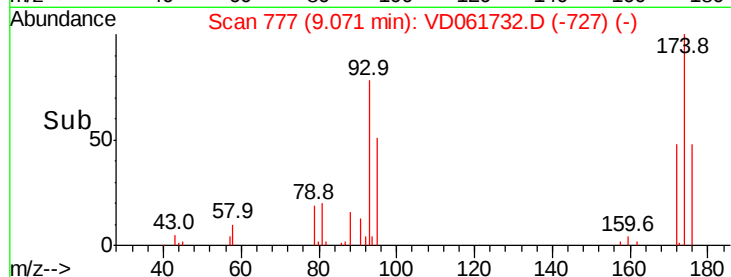
#49  
 1,4-Dioxane  
 Concen: 394.829 ug/l  
 RT: 9.07 min Scan# 777  
 Delta R.T. -0.00 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 88 Resp: 13698  
 Ion Ratio Lower Upper  
 88 100  
 43 28.8 21.8 32.8  
 58 59.1 40.2 60.2

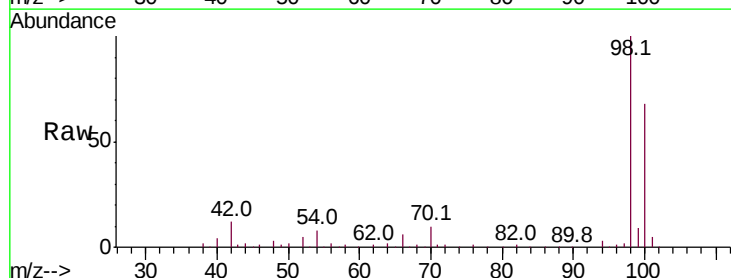


Abundance Ion 88.00 (87.70 to 88.70): VDC  
 Ion 43.05 (42.75 to 43.75): VDC  
 Ion 57.95 (57.65 to 58.65): VDC

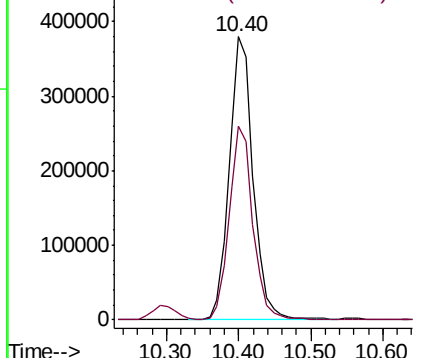
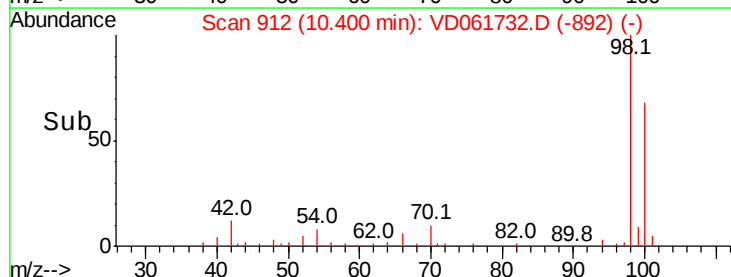


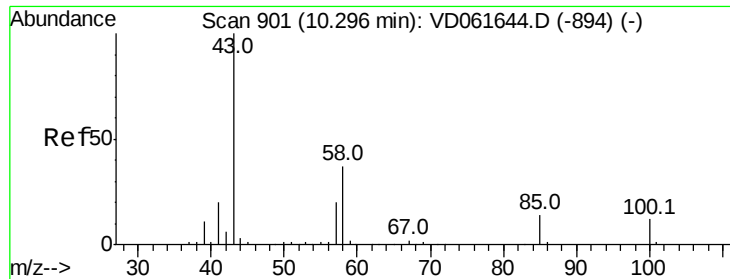
#50  
 Toluene-d8  
 Concen: 394.829 ug/l  
 RT: 10.40 min Scan# 912  
 Delta R.T. -0.00 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Tgt Ion: 98 Resp: 871916  
 Ion Ratio Lower Upper  
 98 100  
 100 68.5 55.4 83.0



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





#51

4-Methyl-2-Pentanone

Concen: 109.583 ug/l

RT: 10.29 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

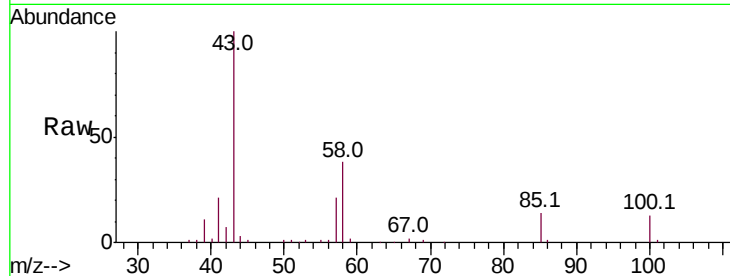
ClientSampleId :

Tot Ion: 43 Resp: 353372

Ion Ratio Lower Upper

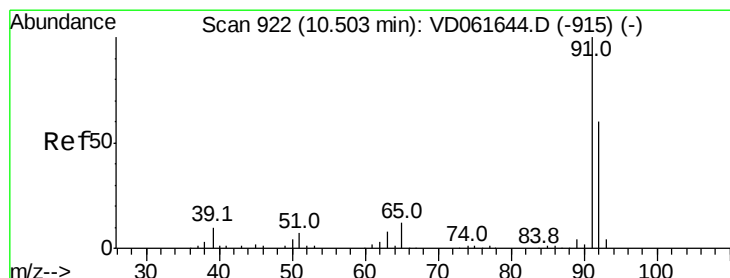
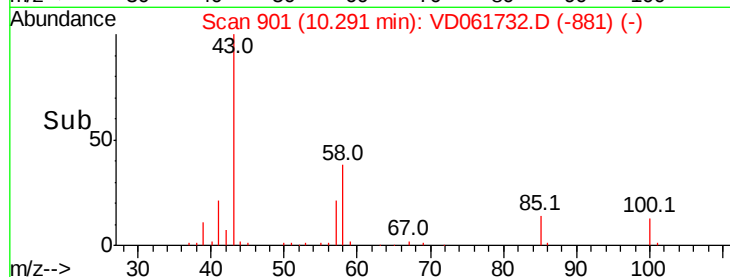
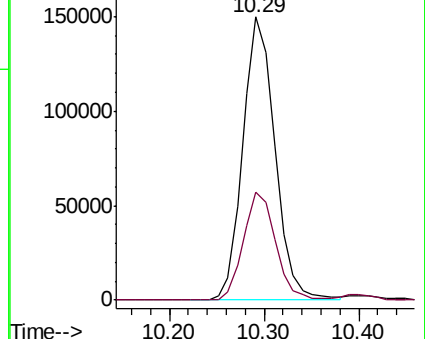
43 100

58 38.3 29.8 44.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 20.291 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: VD061732.D

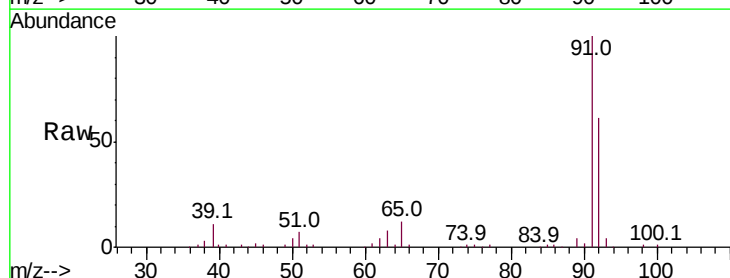
Acq: 11 Apr 2019 10:29

Tgt Ion: 92 Resp: 281963

Ion Ratio Lower Upper

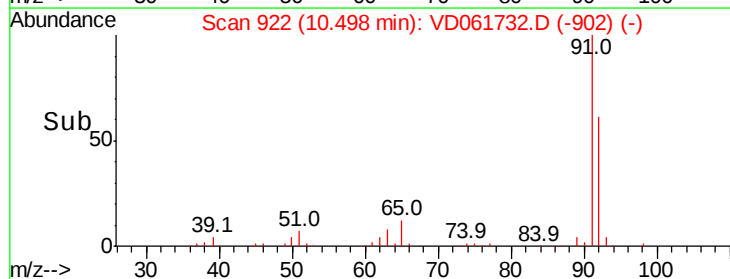
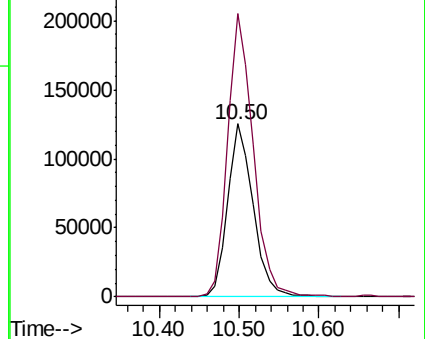
92 100

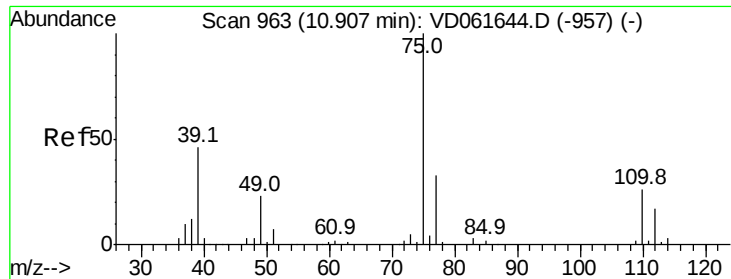
91 163.7 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

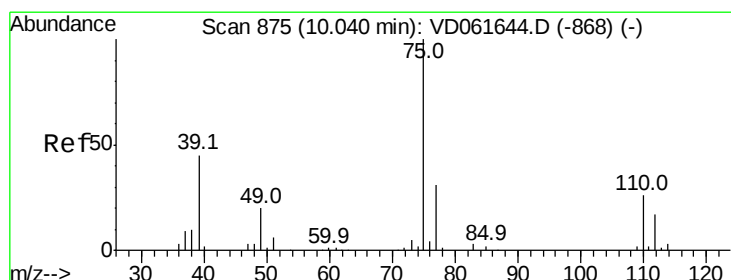
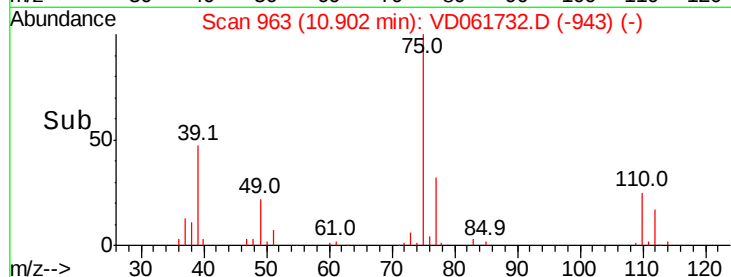
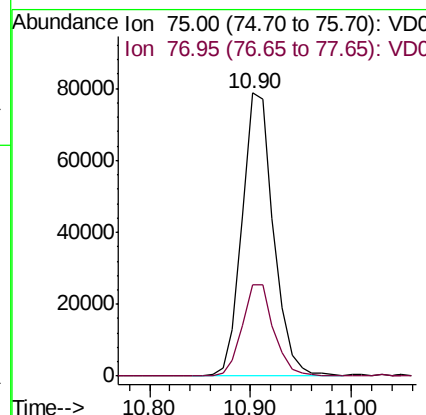
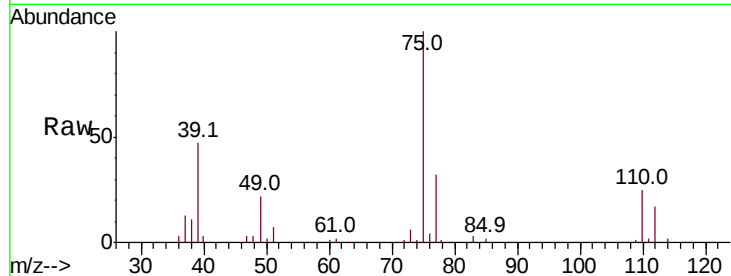




#53  
 t-1,3-Dichloropropene  
 Concen: 22.496 ug/l  
 RT: 10.90 min Scan# 963  
 Delta R.T. -0.00 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

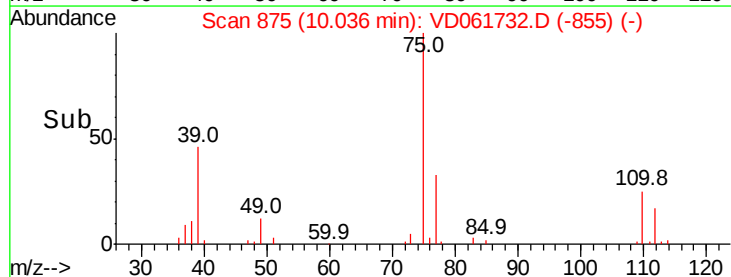
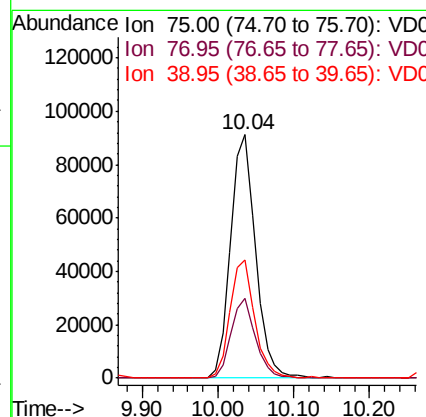
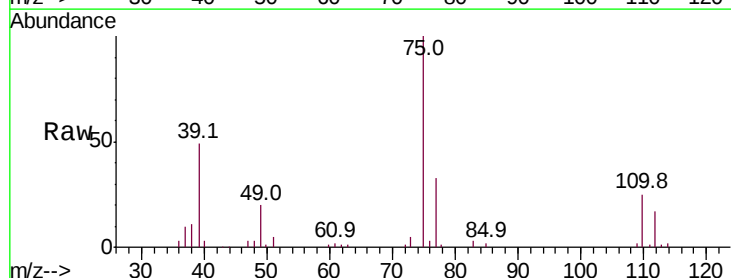
Instrument :  
 MSVOA\_D  
 ClientSampled :

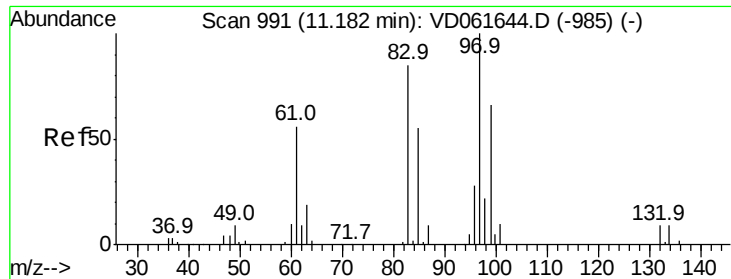
Tot Ion: 75 Resp: 170822  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 26.2 39.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 22.278 ug/l  
 RT: 10.04 min Scan# 875  
 Delta R.T. -0.00 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Tgt Ion: 75 Resp: 208531  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 24.6 37.0  
 39 48.6 36.2 54.2

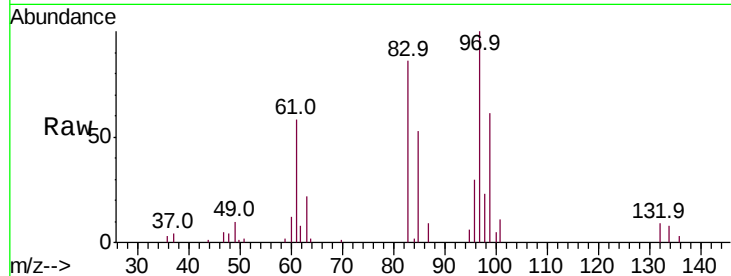




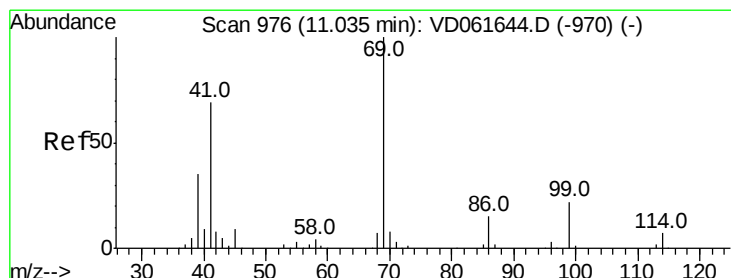
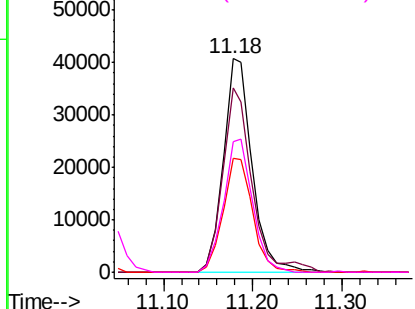
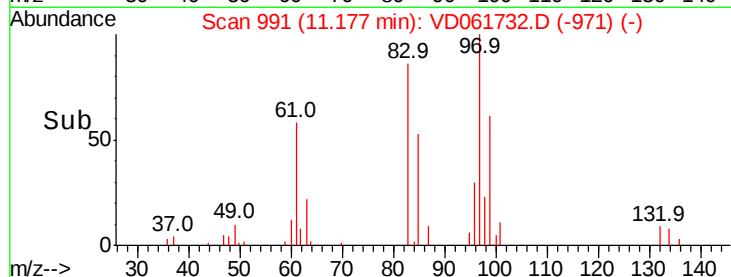
#55  
 1,1,2-Trichloroethane  
 Concen: 19.718 ug/l  
 RT: 11.18 min Scan# 991  
 Delta R.T. -0.00 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 97 Resp: 92411  
 Ion Ratio Lower Upper  
 97 100  
 83 86.2 67.8 101.6  
 85 53.4 43.8 65.8  
 99 61.1 52.8 79.2

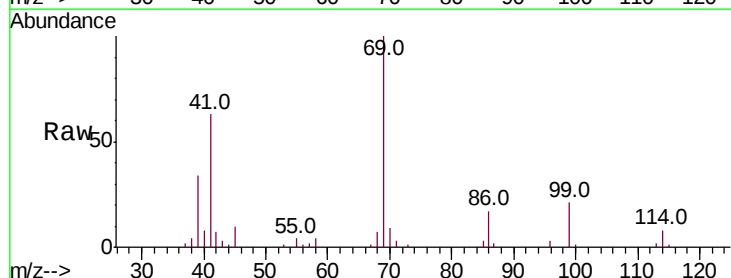


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

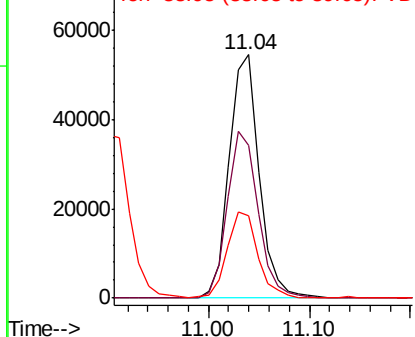
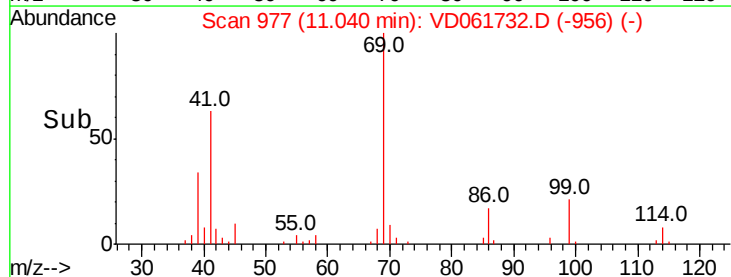


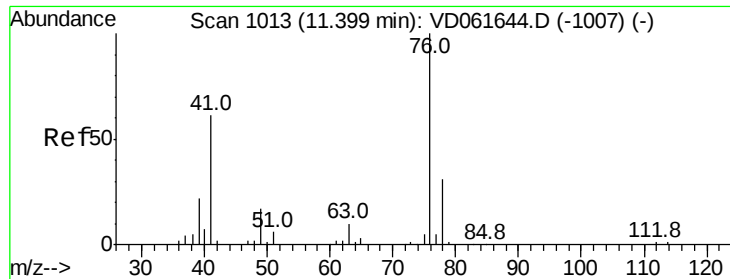
#56  
 Ethyl methacrylate  
 Concen: 22.748 ug/l  
 RT: 11.04 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Tgt Ion: 69 Resp: 112466  
 Ion Ratio Lower Upper  
 69 100  
 41 62.7 55.2 82.8  
 39 34.1 28.6 43.0



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: 22.614 ug/l

RT: 11.40 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

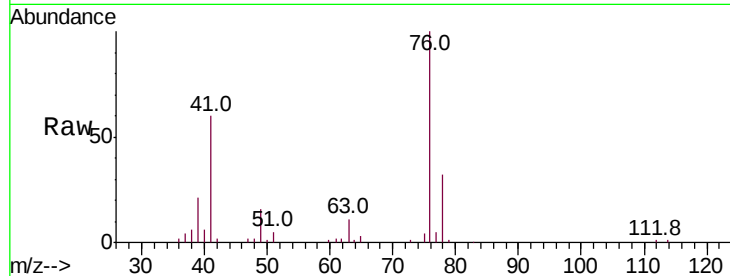
ClientSampleId :

Tot Ion: 76 Resp: 155205

Ion Ratio Lower Upper

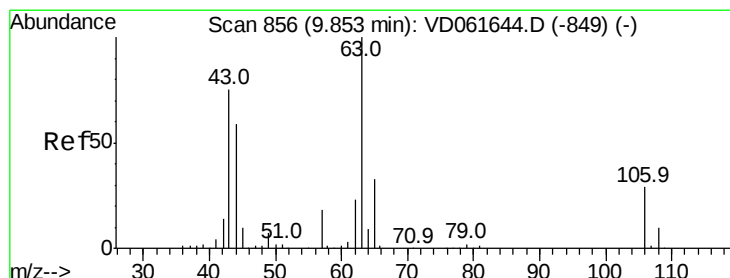
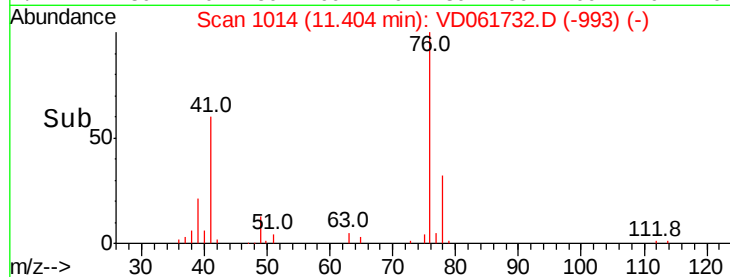
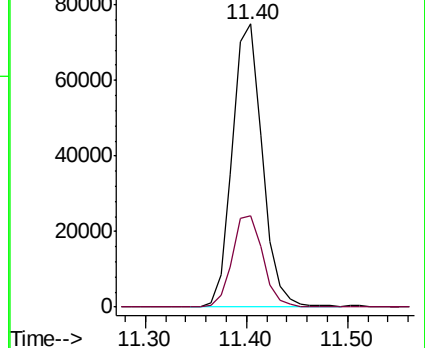
76 100

78 32.3 24.5 36.7



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 117.278 ug/l

RT: 9.85 min Scan# 856

Delta R.T. -0.00 min

Lab File: VD061732.D

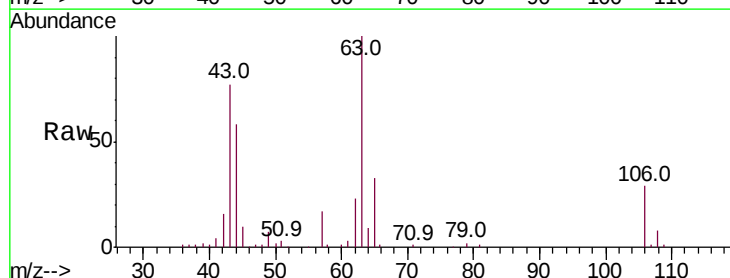
Acq: 11 Apr 2019 10:29

Tgt Ion: 63 Resp: 273590

Ion Ratio Lower Upper

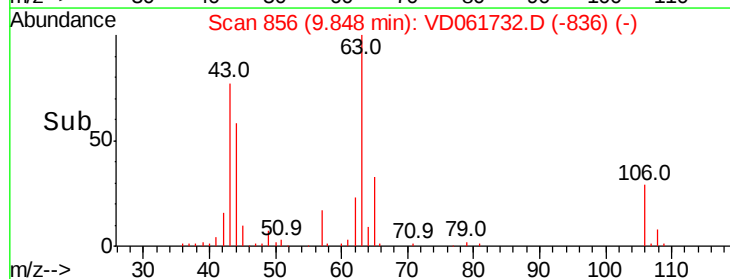
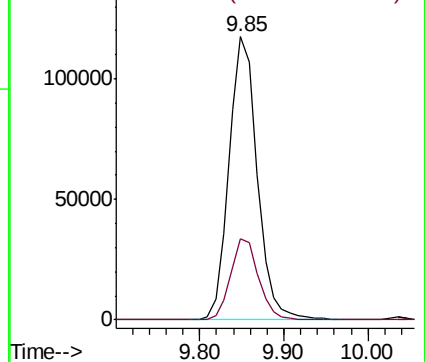
63 100

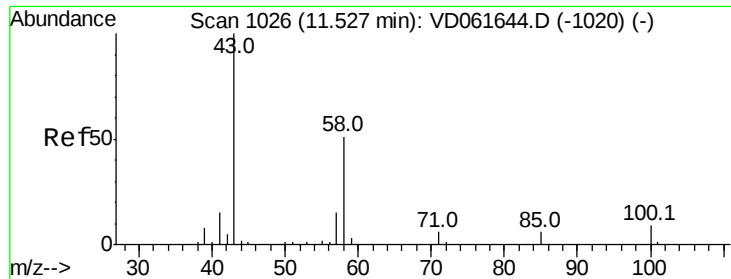
106 28.5 23.0 34.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

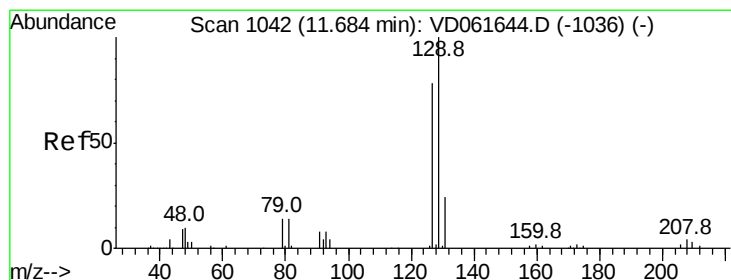
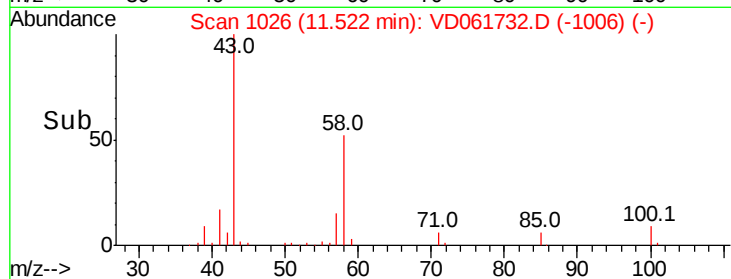
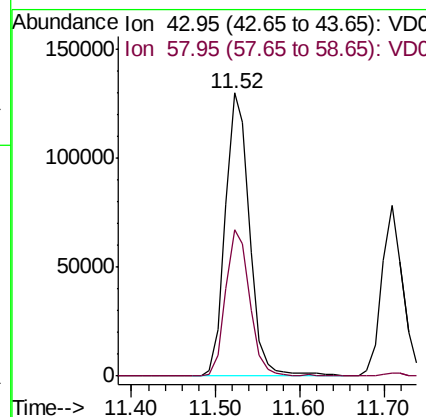
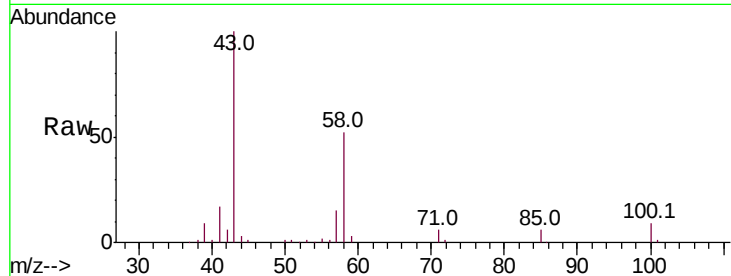




#59  
2-Hexanone  
Concen: 103.618 ug/l  
RT: 11.52 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

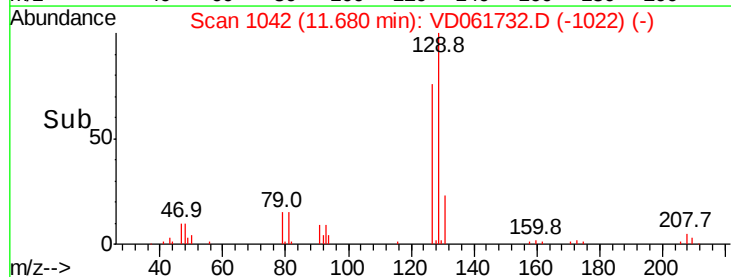
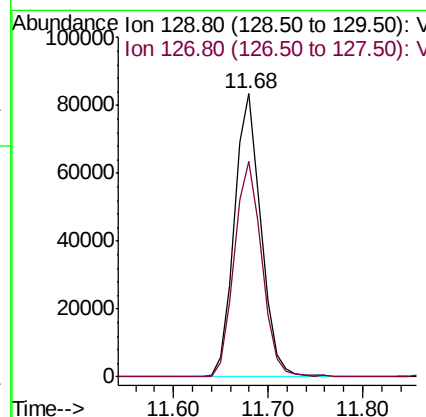
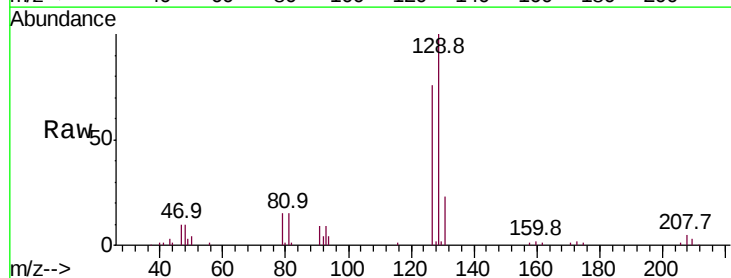
Instrument :  
MSVOA\_D  
ClientSampled :

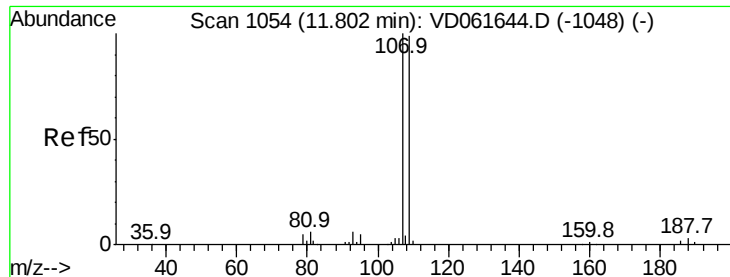
Tot Ion: 43 Resp: 259317  
Ion Ratio Lower Upper  
43 100  
58 51.6 25.6 76.8



#60  
Dibromochloromethane  
Concen: 21.935 ug/l  
RT: 11.68 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Tgt Ion: 129 Resp: 162419  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.8 116.4

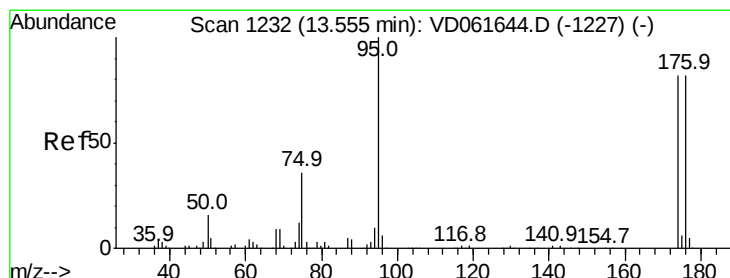
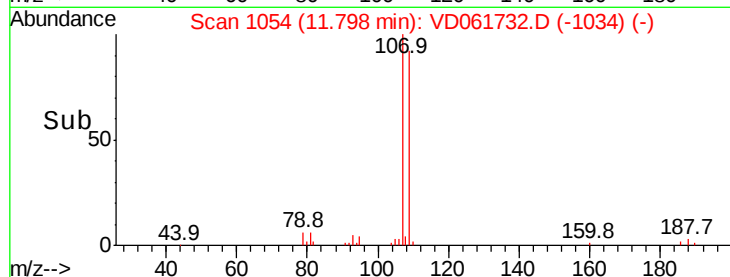
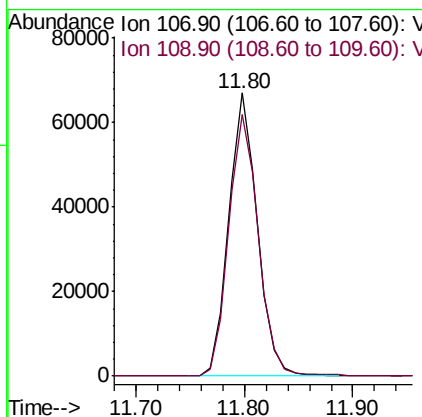
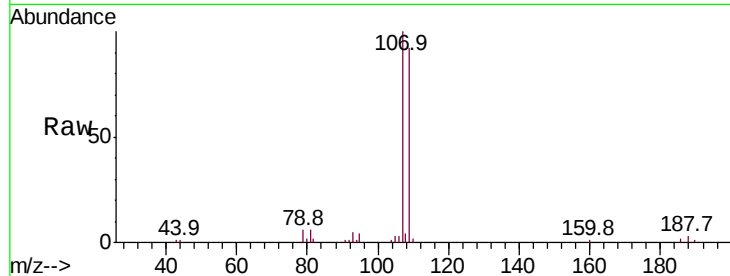




#61  
 1,2-Dibromoethane  
 Concen: 22.432 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. -0.00 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

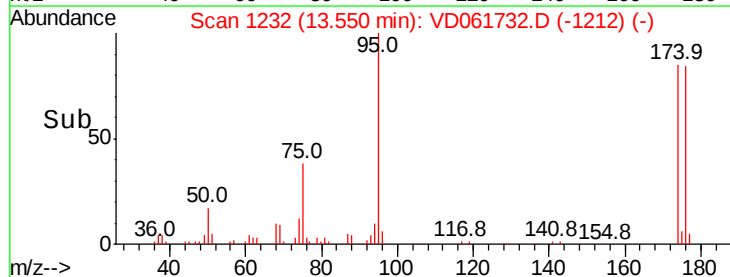
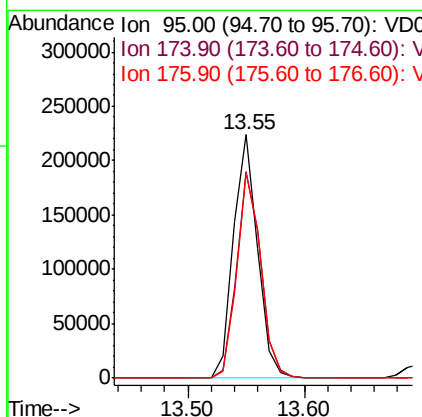
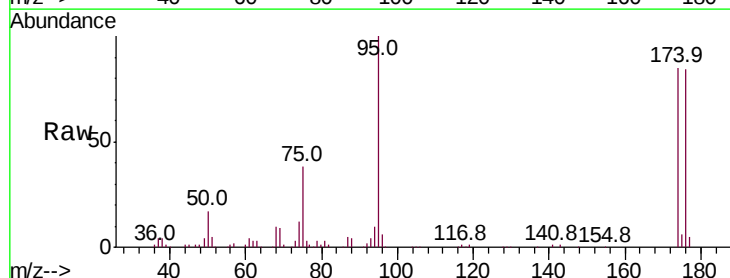
Instrument :  
 MSVOA\_D  
 ClientSampleId :

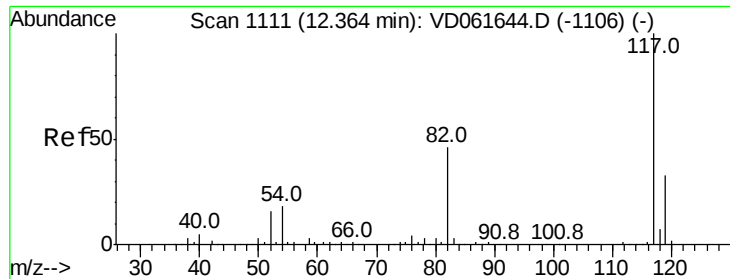
Tot Ion:107 Resp: 122948  
 Ion Ratio Lower Upper  
 107 100  
 109 92.5 79.2 118.8



#62  
 4-Bromofluorobenzene  
 Concen: 22.432 ug/l  
 RT: 13.55 min Scan# 1232  
 Delta R.T. -0.00 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Tgt Ion: 95 Resp: 319455  
 Ion Ratio Lower Upper  
 95 100  
 174 84.9 0.0 164.6  
 176 84.5 0.0 165.0

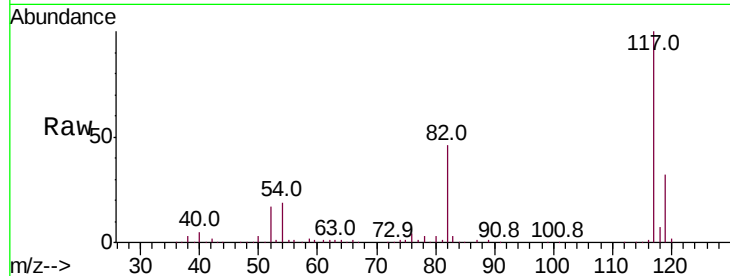




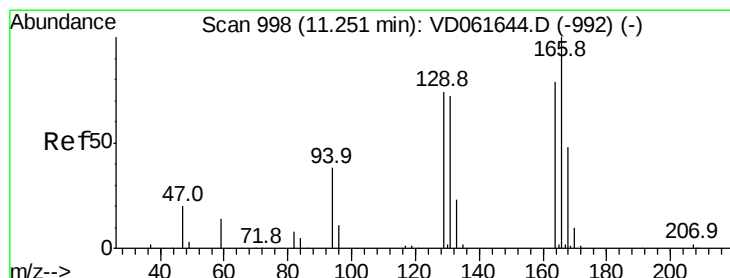
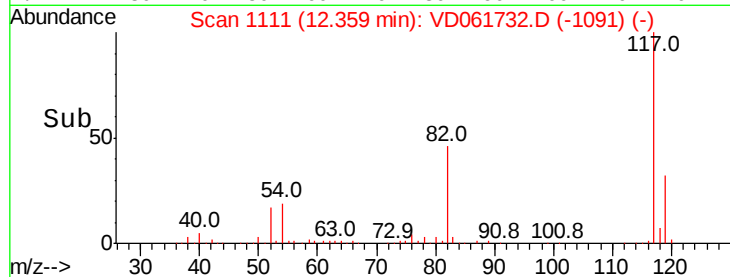
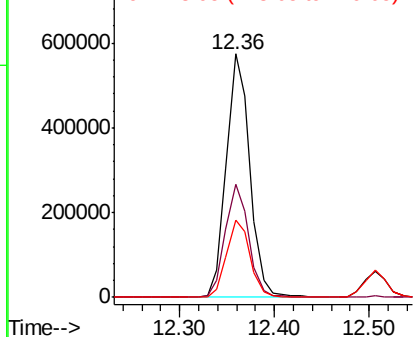
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:117 Resp: 984760  
Ion Ratio Lower Upper  
117 100  
82 46.3 36.8 55.2  
119 32.0 26.1 39.1

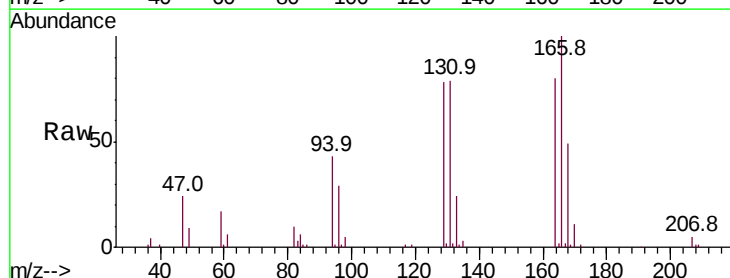


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

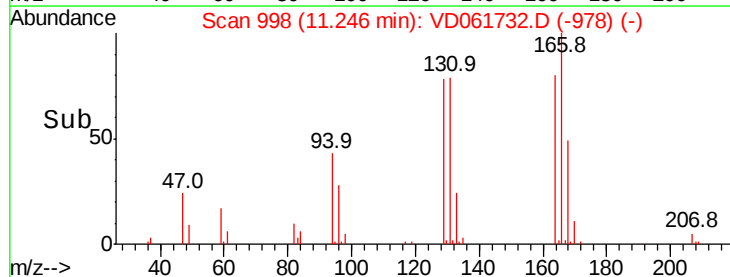
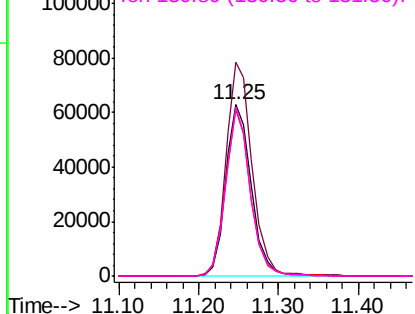


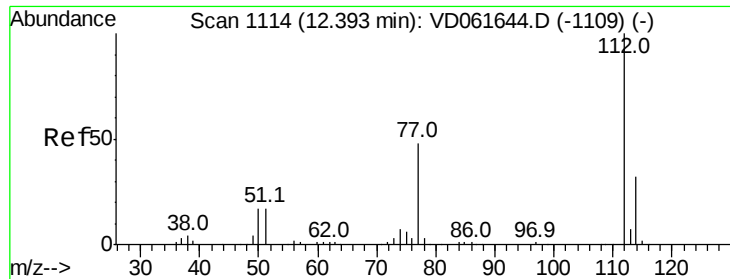
#64  
Tetrachloroethene  
Concen: 18.567 ug/l  
RT: 11.25 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Tgt Ion:164 Resp: 141925  
Ion Ratio Lower Upper  
164 100  
166 124.9 101.8 152.8  
129 97.1 75.4 113.0  
131 98.5 73.6 110.4



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

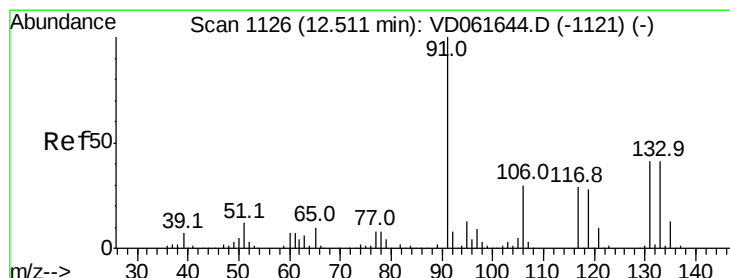
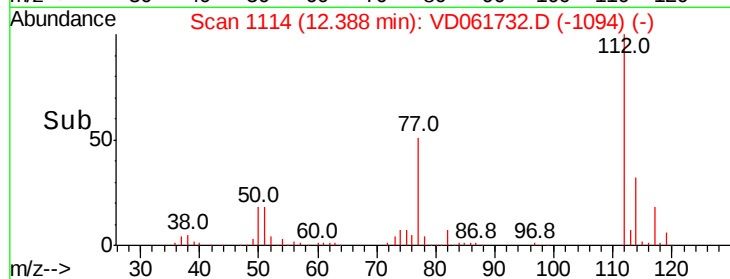
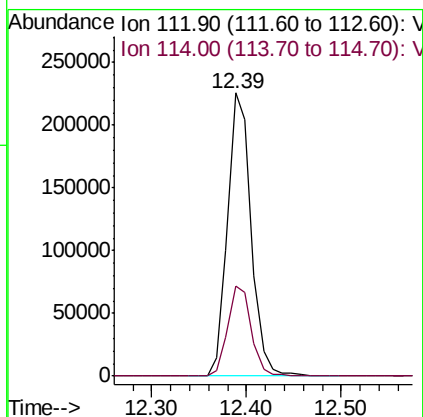
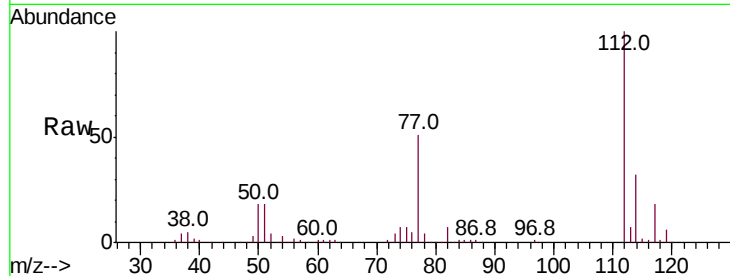




#65  
Chlorobenzene  
Concen: 19.908 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

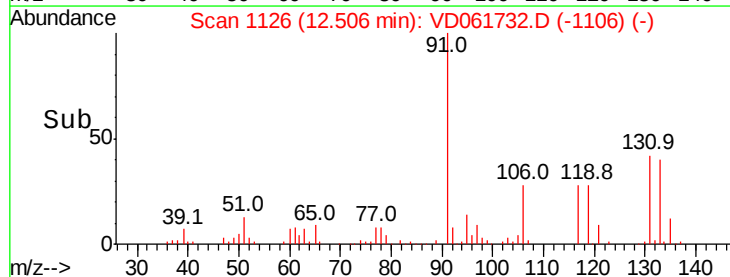
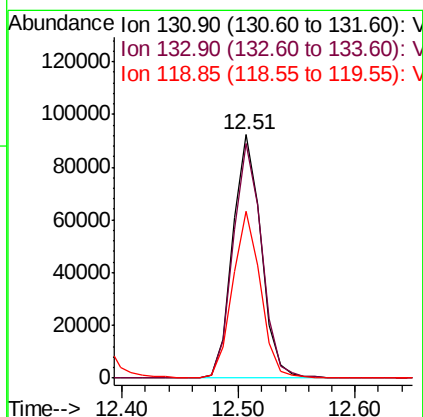
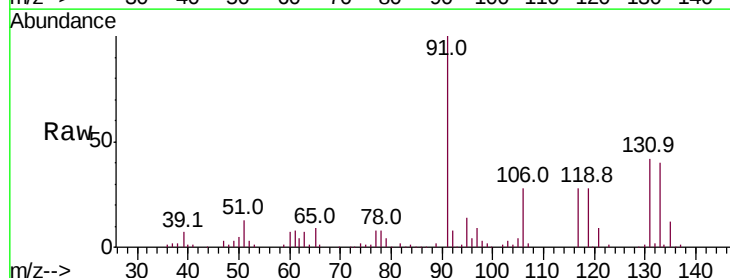
Instrument :  
MSVOA\_D  
ClientSampled :

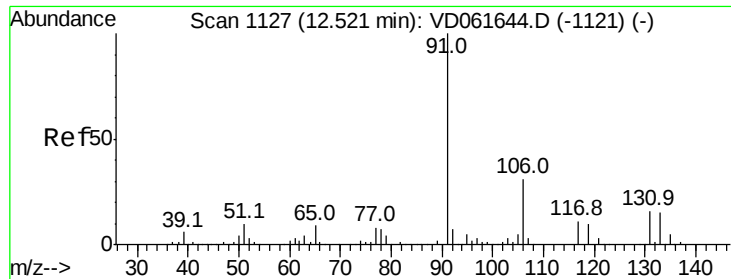
Tot Ion:112 Resp: 388776  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.671 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Tgt Ion:131 Resp: 155338  
Ion Ratio Lower Upper  
131 100  
133 96.6 49.5 148.3  
119 68.3 34.7 104.1

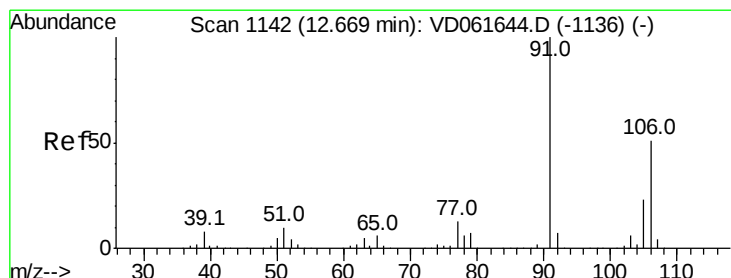
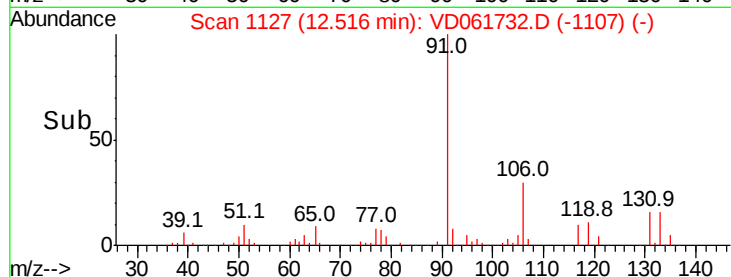
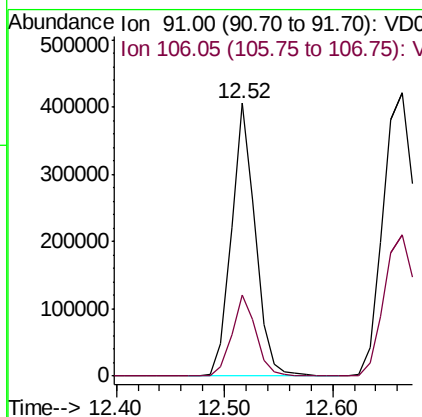
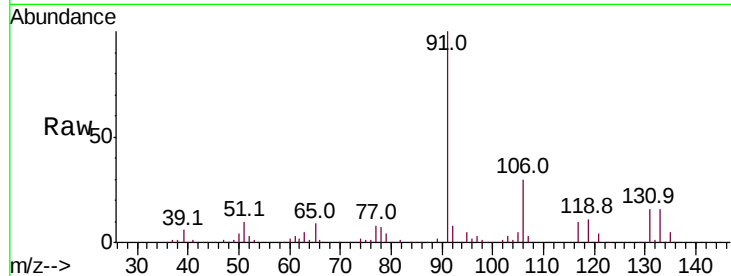




#67  
Ethyl Benzene  
Concen: 20.843 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

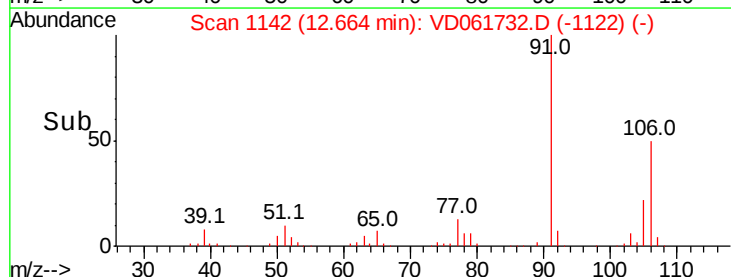
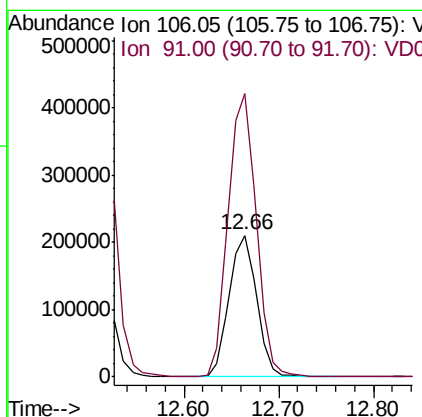
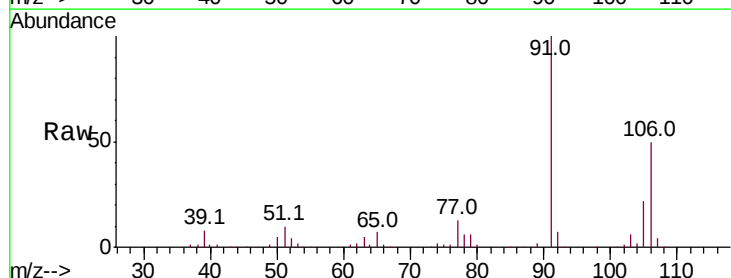
Instrument :  
MSVOA\_D  
ClientSampled :

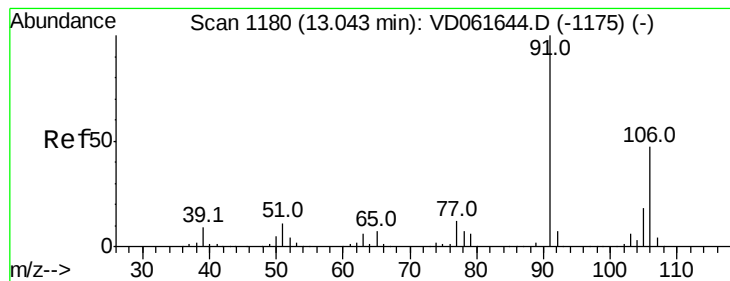
Tot Ion: 91 Resp: 619848  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.6 37.0



#68  
m/p-Xylenes  
Concen: 37.222 ug/l  
RT: 12.66 min Scan# 1142  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Tgt Ion: 106 Resp: 426747  
Ion Ratio Lower Upper  
106 100  
91 200.4 156.7 235.1





#69

o-Xylene

Concen: 17.075 ug/l

RT: 13.04 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

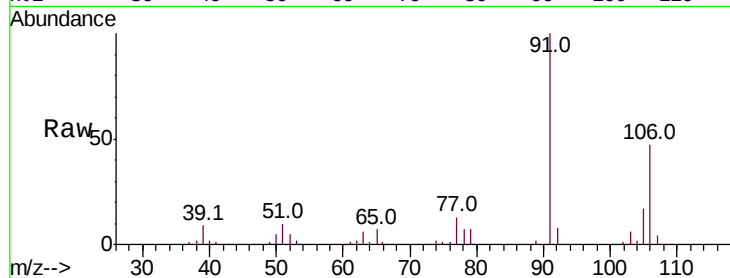
ClientSampled :

Tot Ion:106 Resp: 188974

Ion Ratio Lower Upper

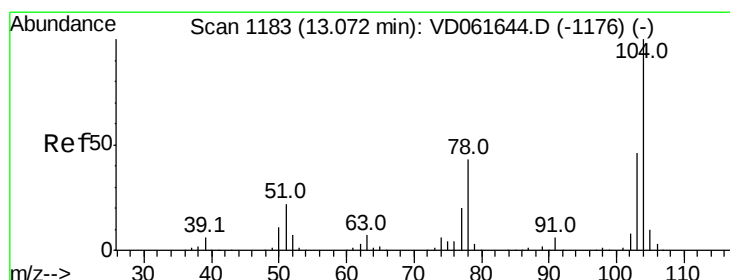
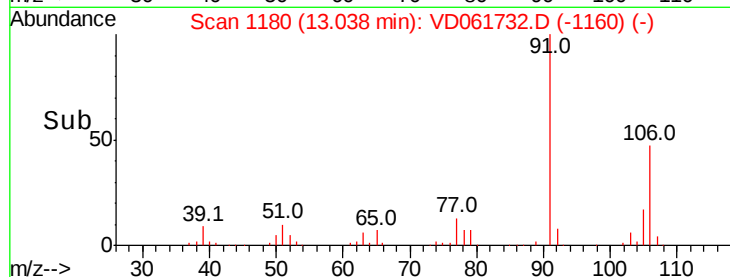
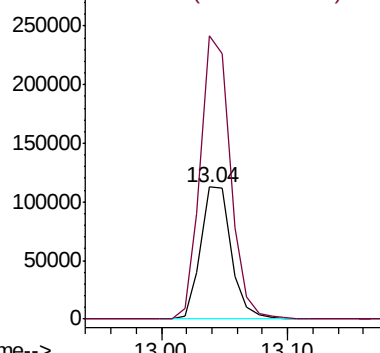
106 100

91 214.0 107.3 321.9



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC



#70

Styrene

Concen: 17.024 ug/l

RT: 13.07 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

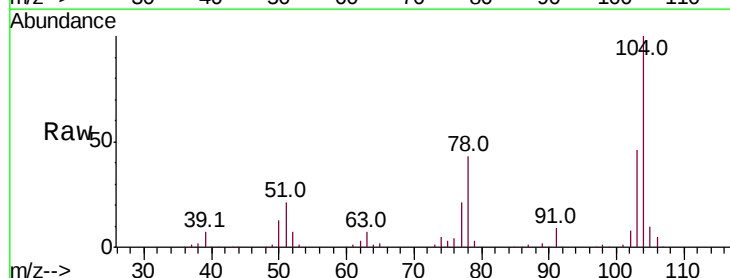
Tgt Ion:104 Resp: 321763

Ion Ratio Lower Upper

104 100

78 42.9 34.2 51.4

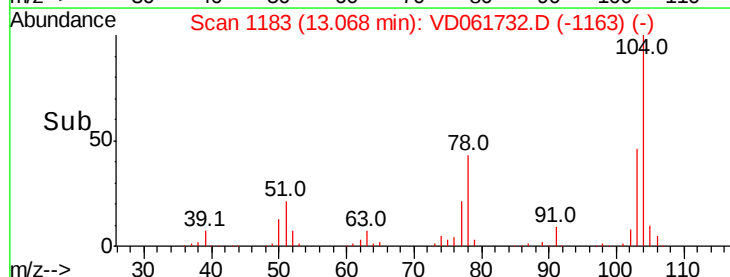
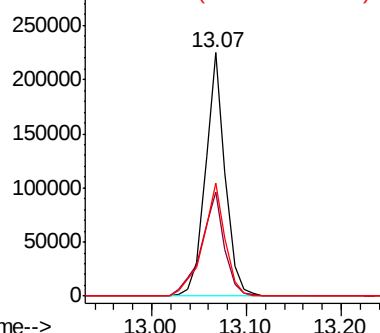
103 46.3 37.2 55.8

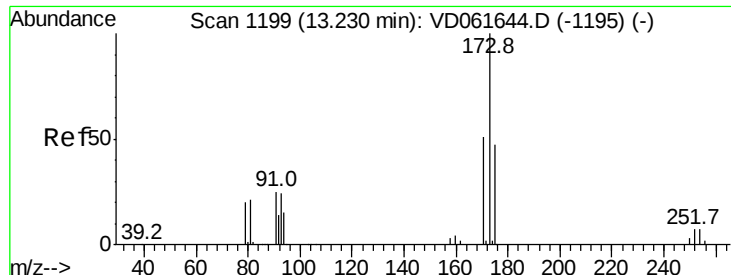


Abundance Ion 104.05 (103.75 to 104.75): V

Ion 77.95 (77.65 to 78.65): VDC

Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 19.826 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

ClientSampleId :

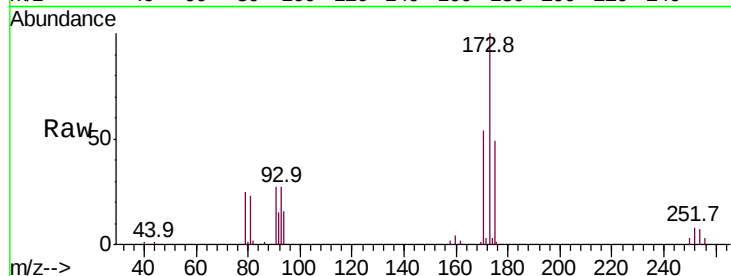
Tot Ion:173 Resp: 92440

Ion Ratio Lower Upper

173 100

175 48.5 23.7 71.1

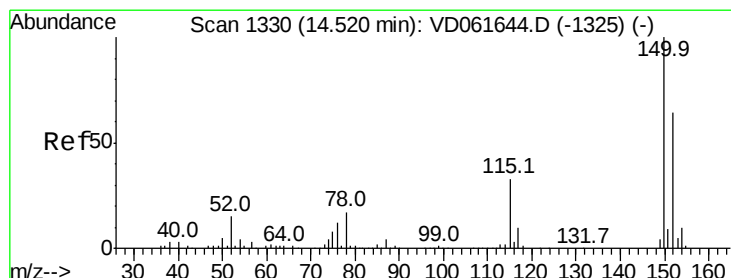
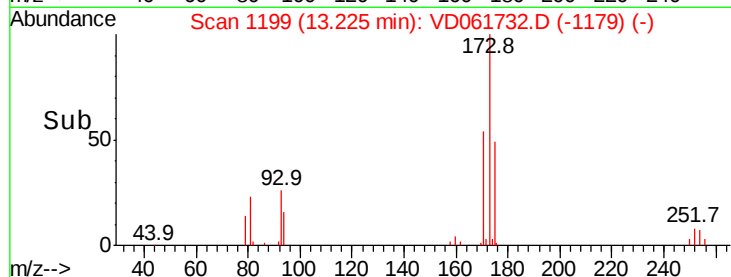
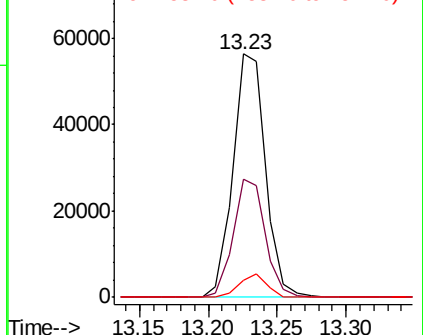
254 6.9 5.8 8.6



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: 14.51 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

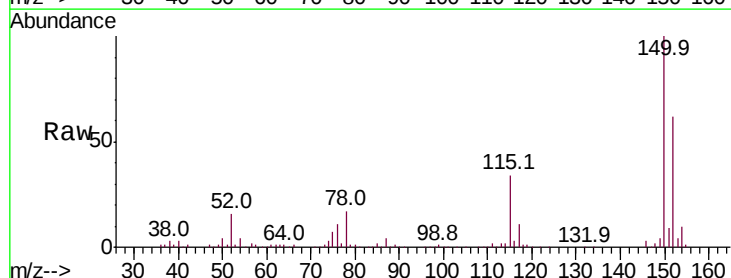
Tgt Ion:152 Resp: 432203

Ion Ratio Lower Upper

152 100

115 53.9 26.4 79.2

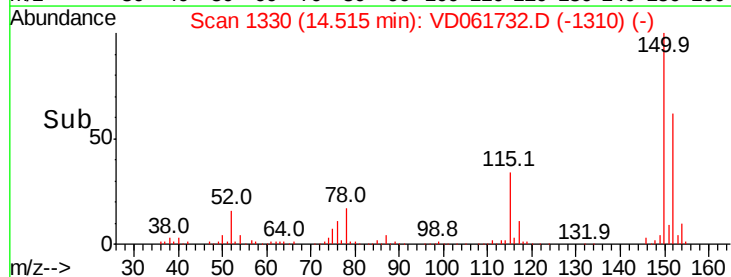
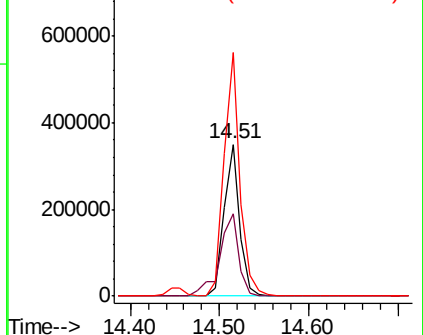
150 160.4 0.0 320.6

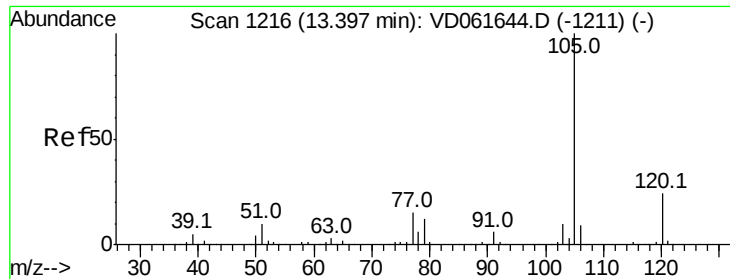


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.434 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

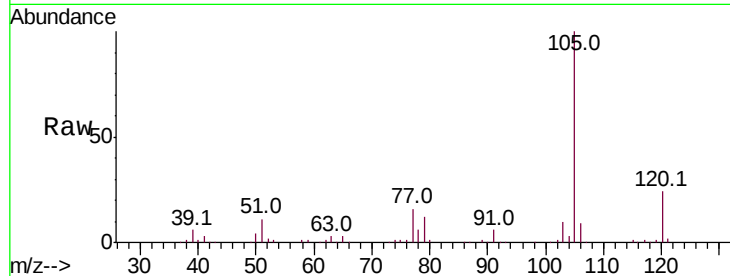
ClientSampleId :

Tot Ion:105 Resp: 559650

Ion Ratio Lower Upper

105 100

120 24.2 12.2 36.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.39

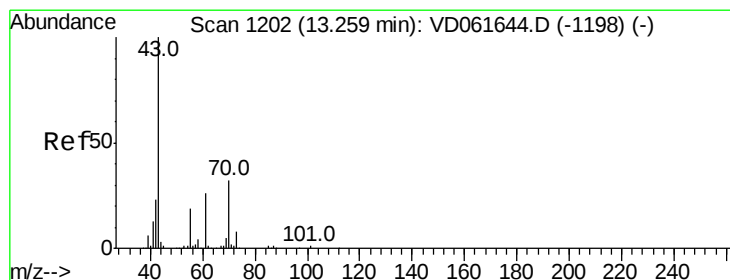
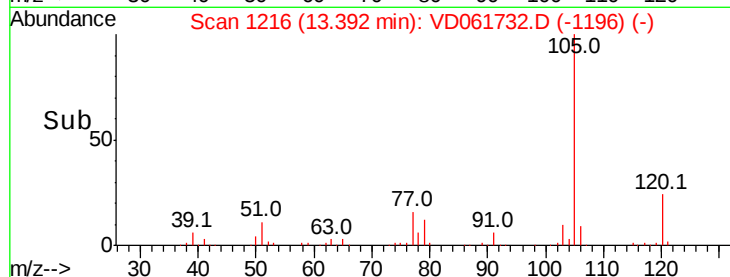
300000

200000

100000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 19.494 ug/l

RT: 13.25 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Tgt Ion: 43 Resp: 152531

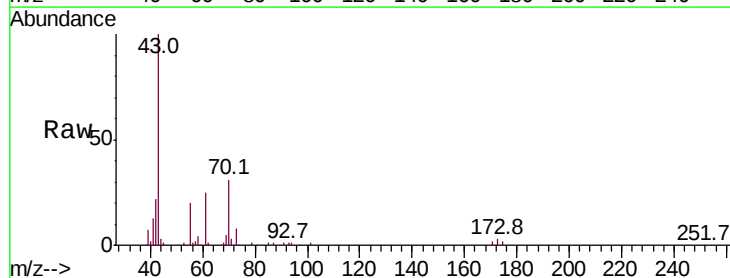
Ion Ratio Lower Upper

43 100

70 31.3 25.4 38.2

55 19.9 15.0 22.4

61 25.3 20.9 31.3



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

13.25

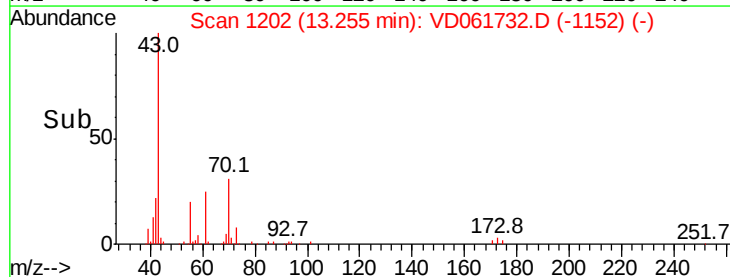
150000

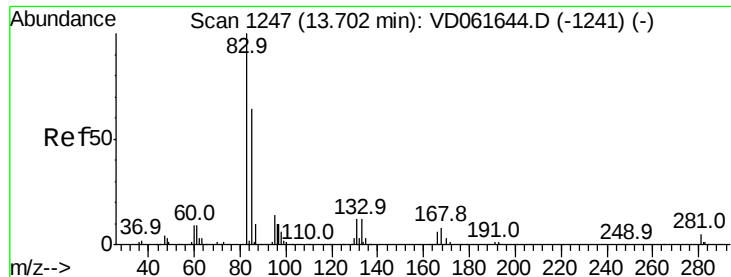
100000

50000

0

Time--> 13.20 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 19.405 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

ClientSampleId :

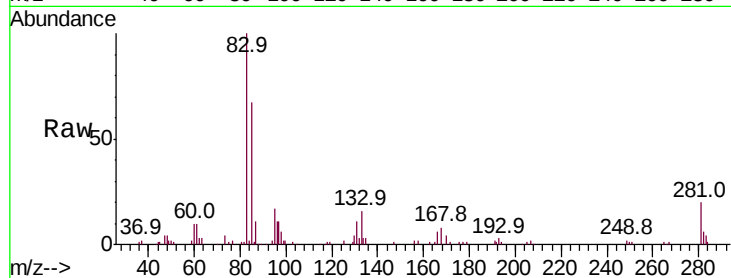
Tot Ion: 83 Resp: 115546

Ion Ratio Lower Upper

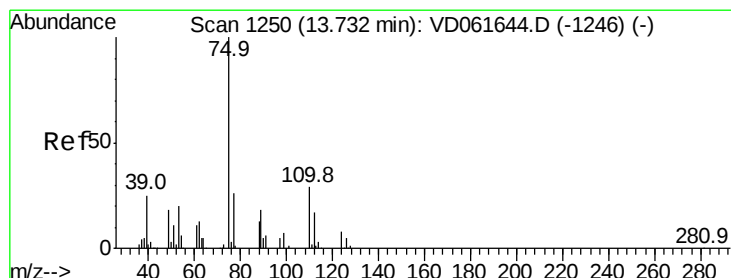
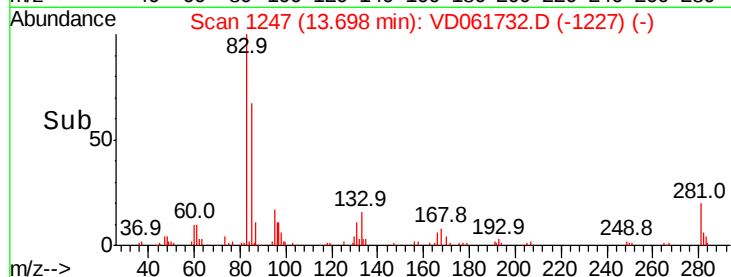
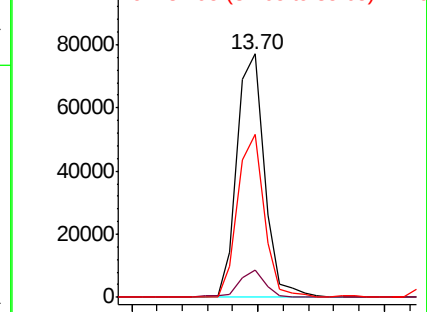
83 100

131 11.2 5.9 17.6

85 67.0 32.0 96.2



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: 19.991 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD061732.D

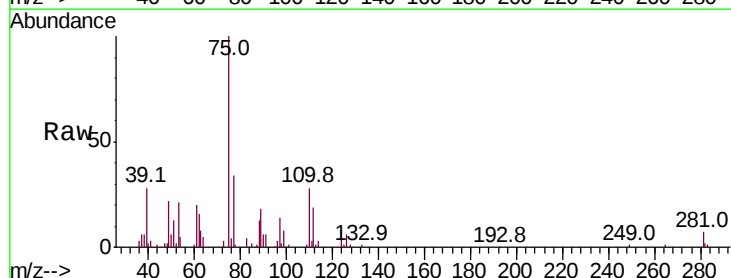
Acq: 11 Apr 2019 10:29

Tgt Ion: 75 Resp: 117550

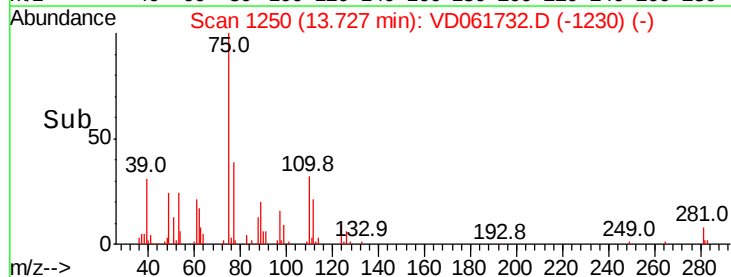
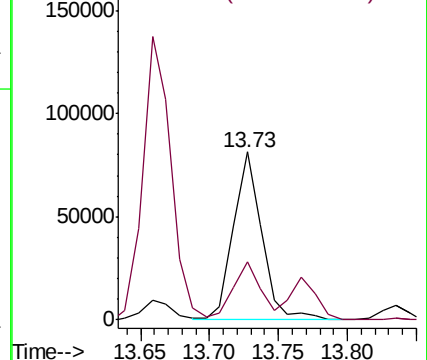
Ion Ratio Lower Upper

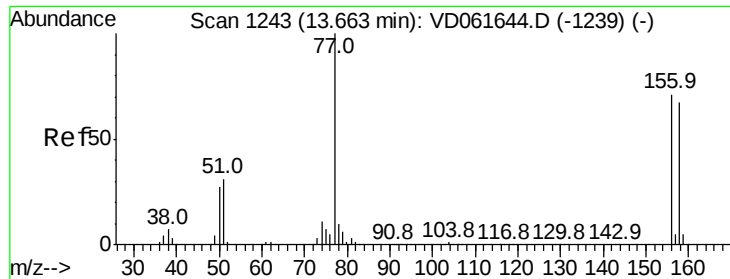
75 100

77 34.4 15.7 47.1



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





#77

Bromobenzene

Concen: 18.733 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

ClientSampleId :

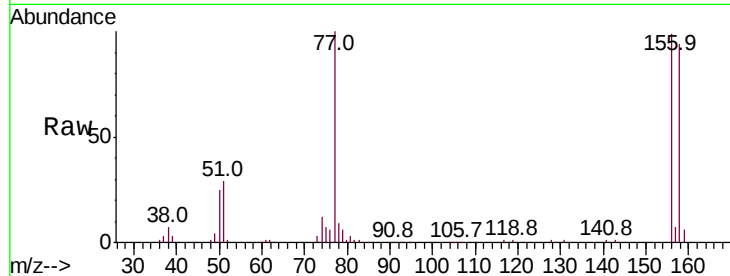
Tot Ion:156 Resp: 156591

Ion Ratio Lower Upper

156 100

77 100.6 70.3 210.8

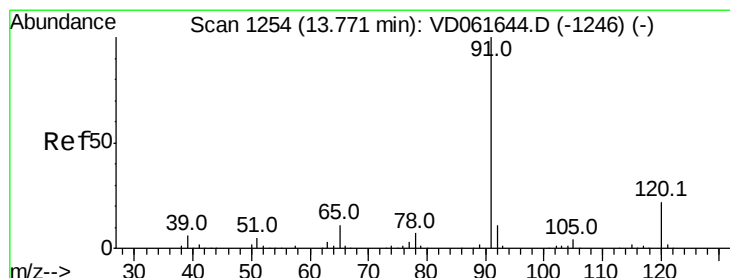
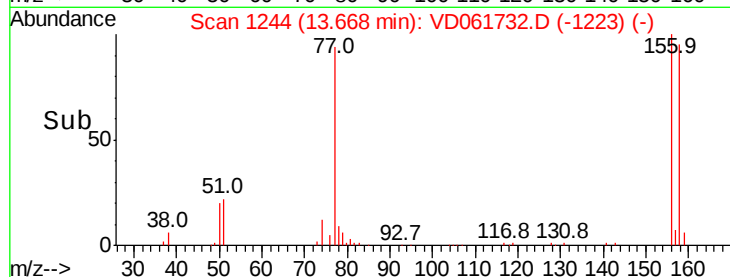
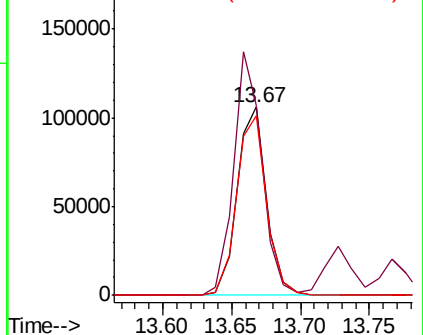
158 94.9 47.4 142.2



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: 21.503 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD061732.D

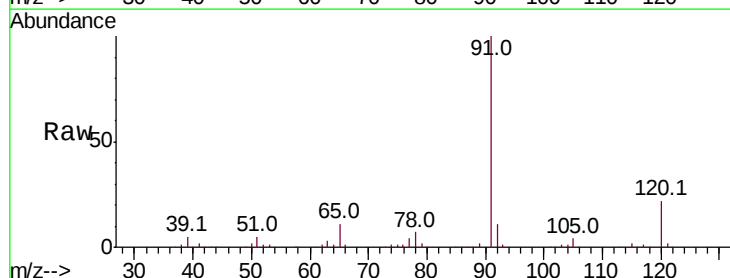
Acq: 11 Apr 2019 10:29

Tgt Ion: 91 Resp: 740750

Ion Ratio Lower Upper

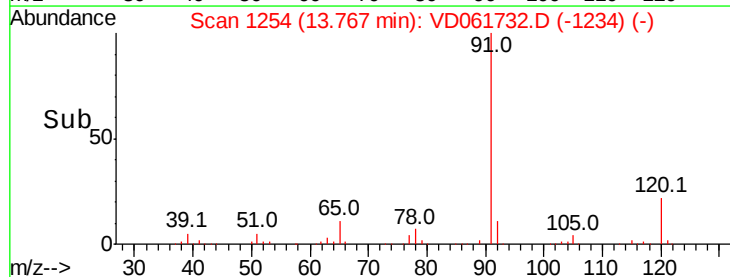
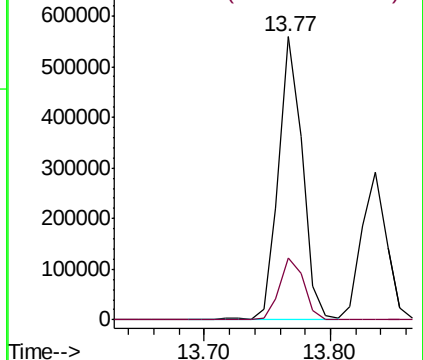
91 100

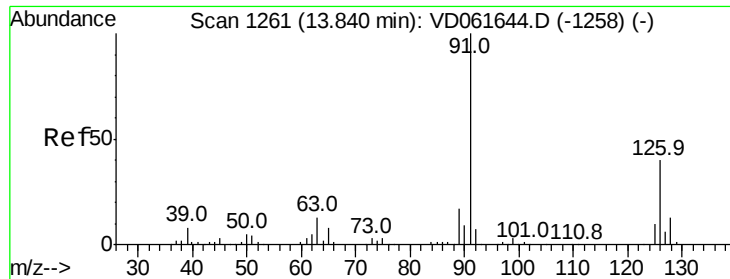
120 22.1 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 20.170 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

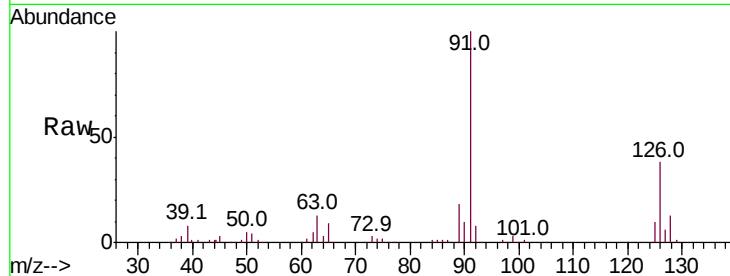
ClientSampled :

Tot Ion: 91 Resp: 397341

Ion Ratio Lower Upper

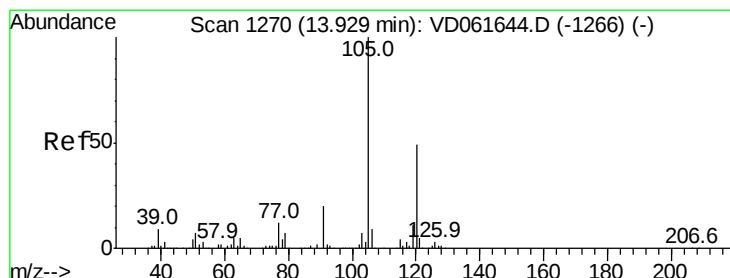
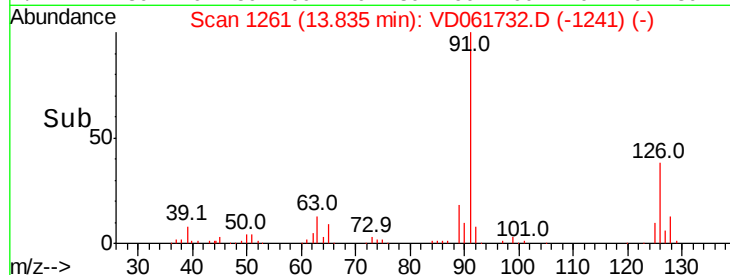
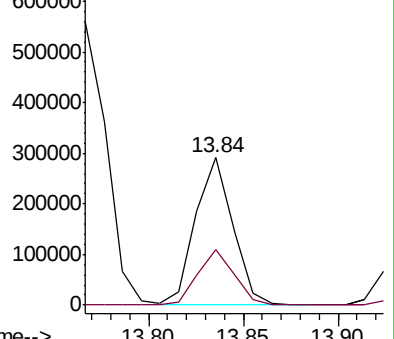
91 100

126 37.9 20.0 59.9



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: 20.898 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD061732.D

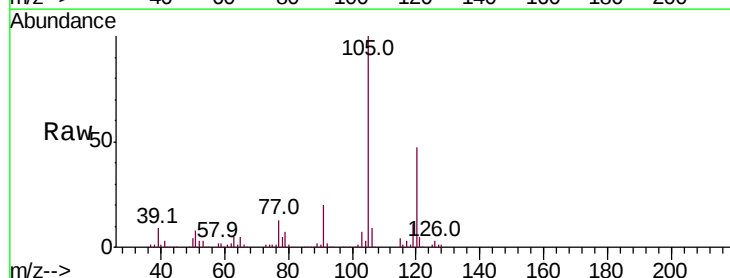
Acq: 11 Apr 2019 10:29

Tgt Ion:105 Resp: 477670

Ion Ratio Lower Upper

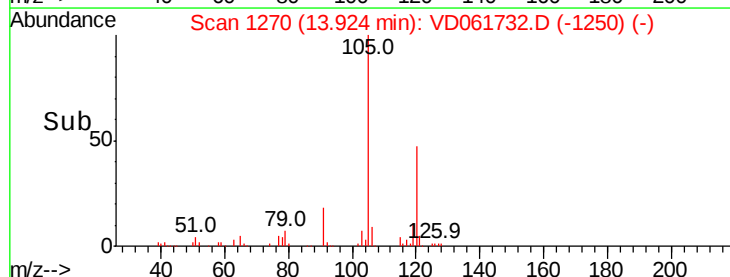
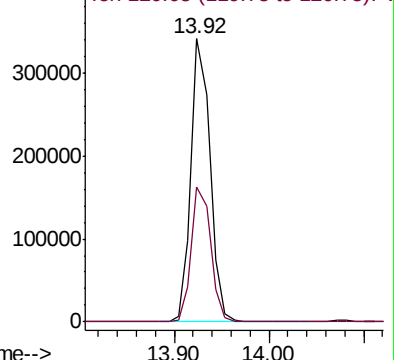
105 100

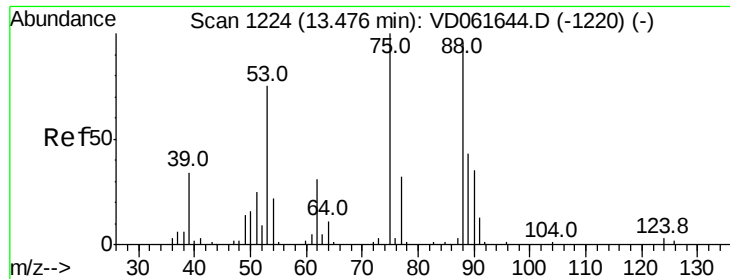
120 47.4 24.4 73.2



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: 19.990 ug/l

RT: 13.47 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

ClientSampled :

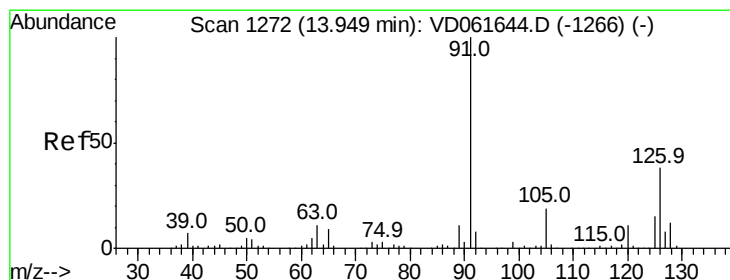
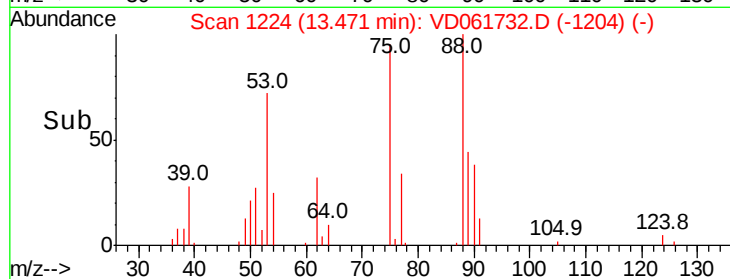
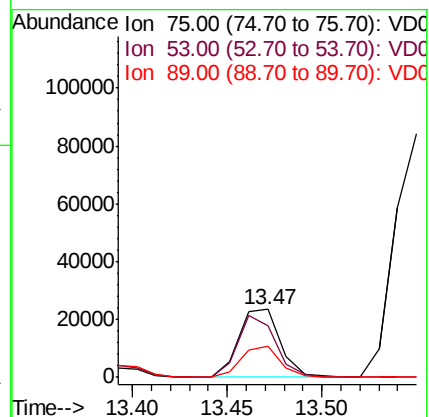
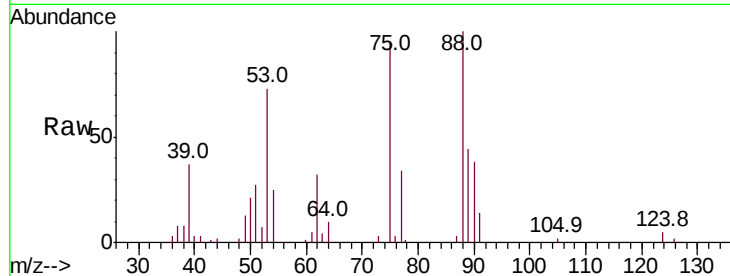
Tot Ion: 75 Resp: 35670

Ion Ratio Lower Upper

75 100

53 77.0 60.2 90.2

89 46.2 34.2 51.2



#82

4-Chlorotoluene

Concen: 21.257 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VD061732.D

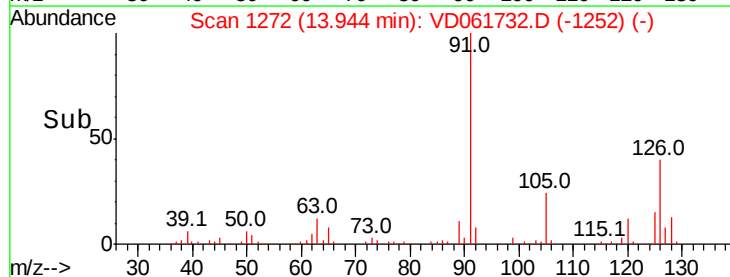
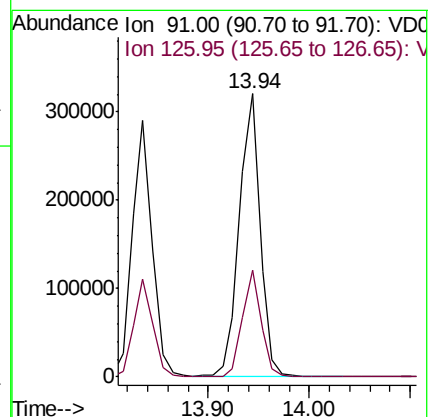
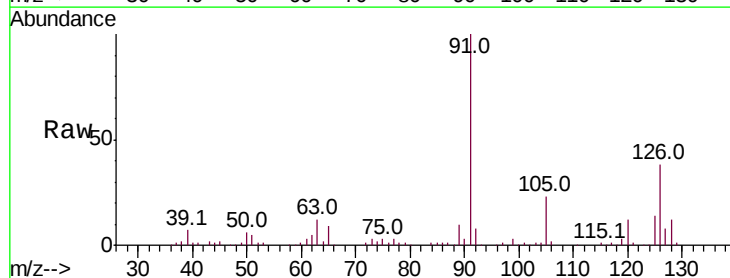
Acq: 11 Apr 2019 10:29

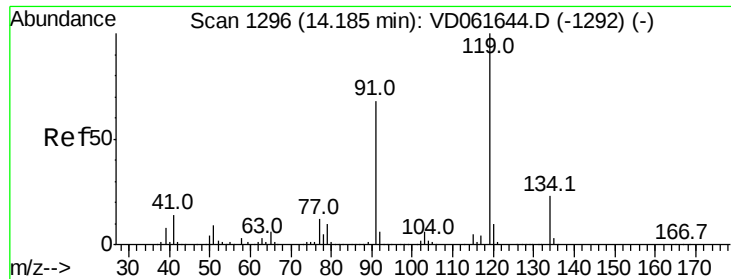
Tgt Ion: 91 Resp: 458852

Ion Ratio Lower Upper

91 100

126 37.6 19.0 57.0

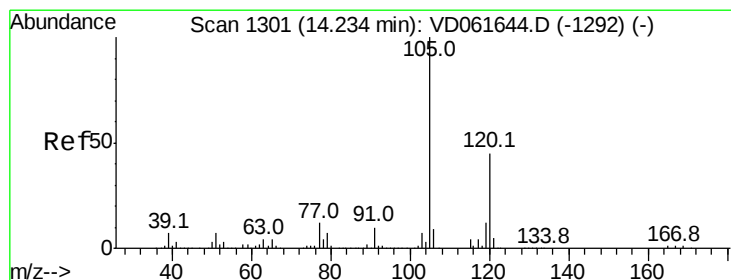
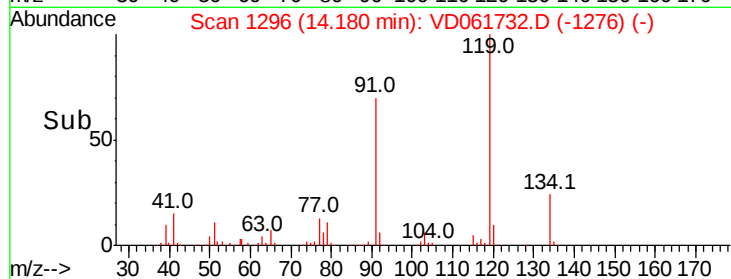
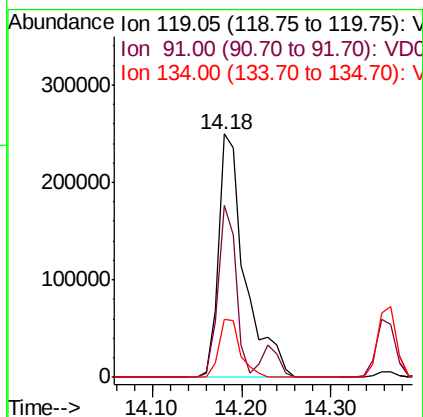
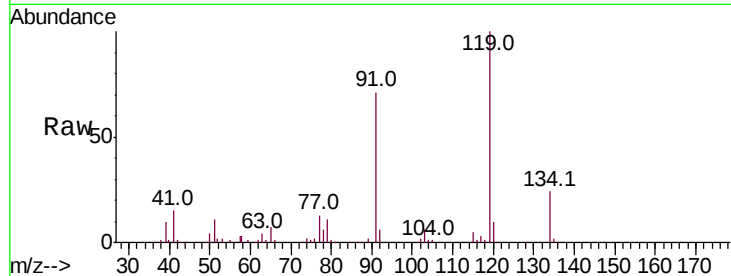




#83  
tert-Butylbenzene  
Concen: 18.793 ug/l  
RT: 14.18 min Scan# 1296  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

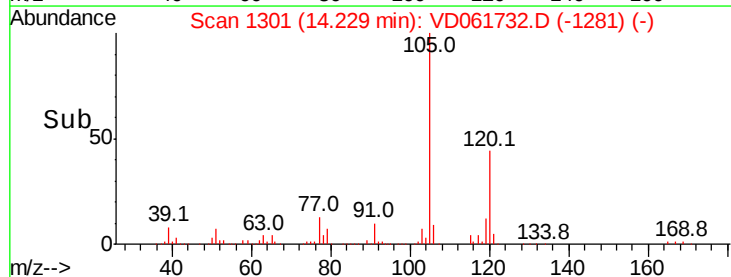
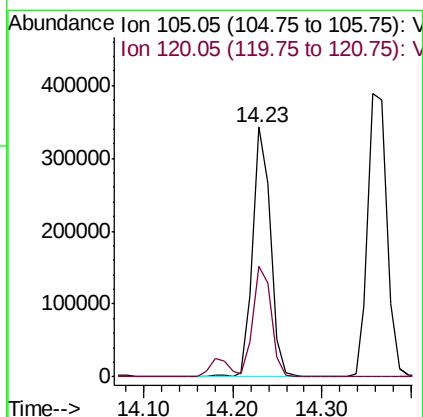
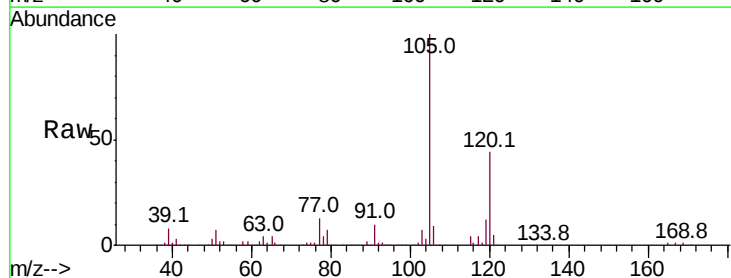
Instrument :  
MSVOA\_D  
ClientSampleId :

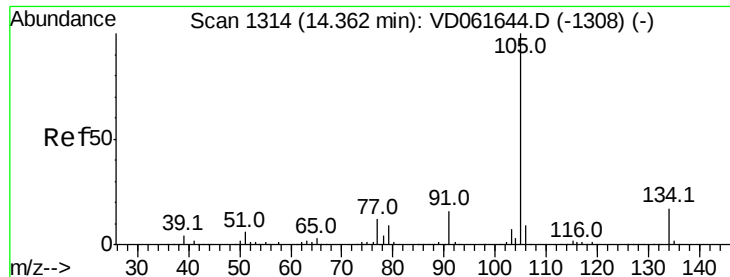
Tot Ion:119 Resp: 517913  
Ion Ratio Lower Upper  
119 100  
91 70.6 33.9 101.6  
134 23.6 11.6 34.8



#84  
1,2,4-Trimethylbenzene  
Concen: 20.334 ug/l  
RT: 14.23 min Scan# 1301  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Tgt Ion:105 Resp: 469081  
Ion Ratio Lower Upper  
105 100  
120 44.2 22.6 67.8





#85

sec-Butylbenzene

Concen: 19.522 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

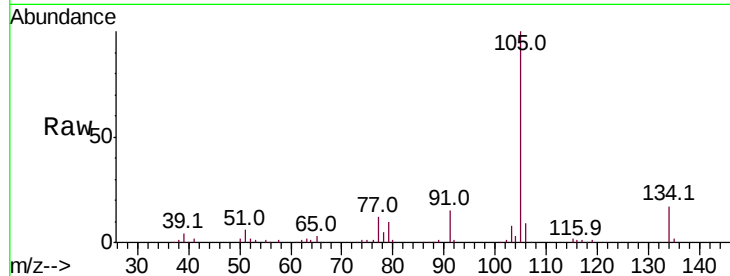
ClientSampled :

Tot Ion:105 Resp: 581270

Ion Ratio Lower Upper

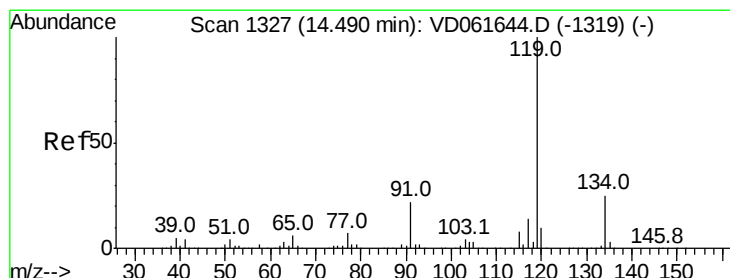
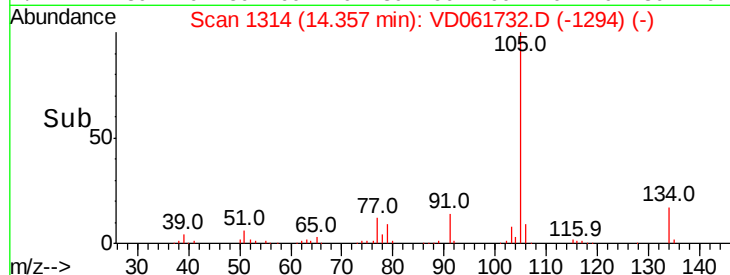
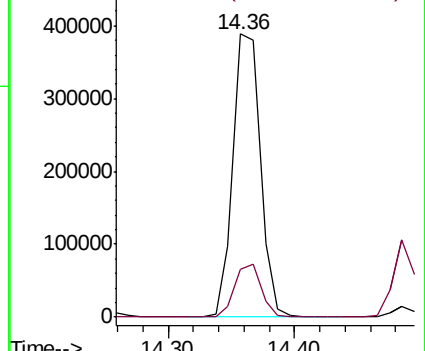
105 100

134 17.1 8.6 25.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 20.449 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

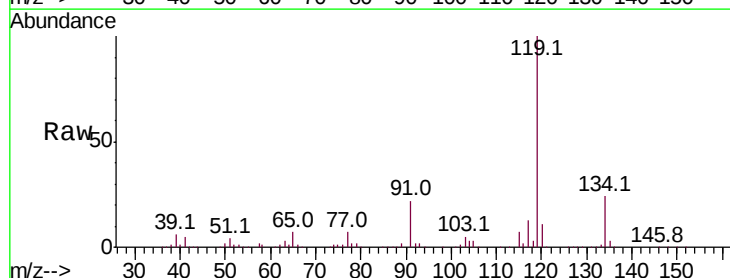
Tgt Ion:119 Resp: 528198

Ion Ratio Lower Upper

119 100

134 24.5 12.5 37.5

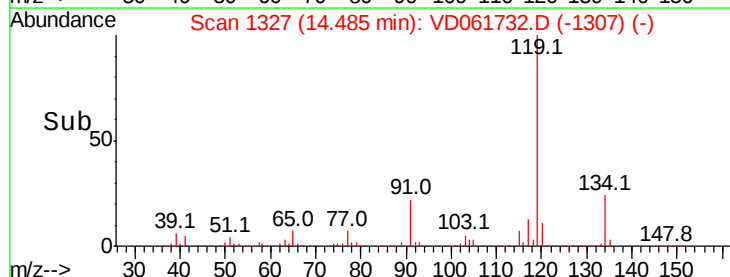
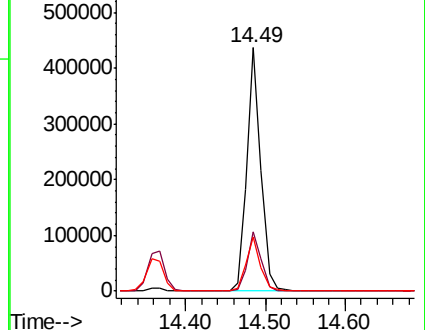
91 22.1 11.0 33.0

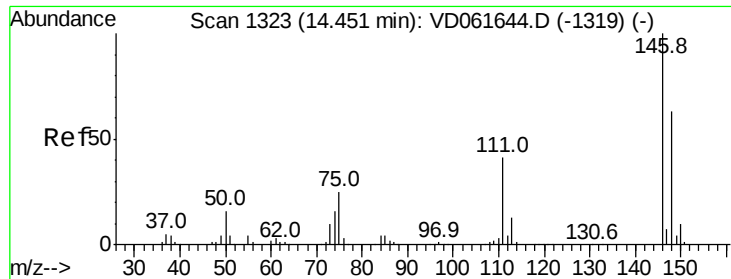


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

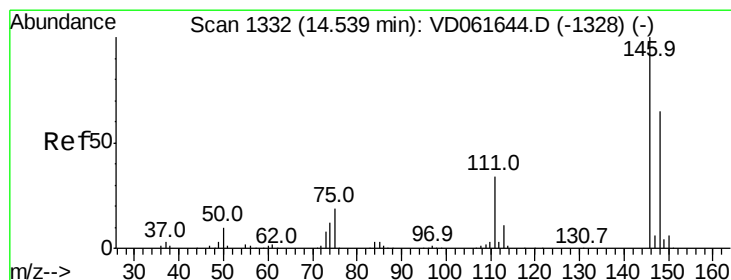
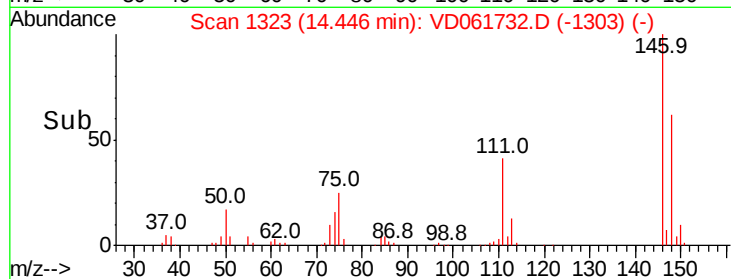
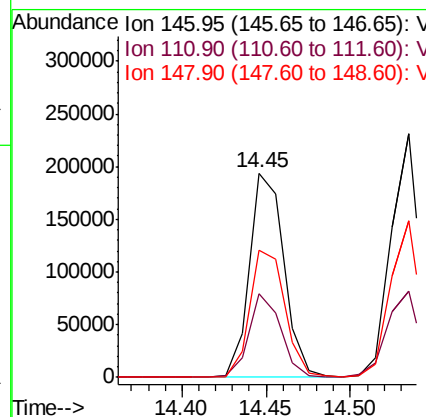
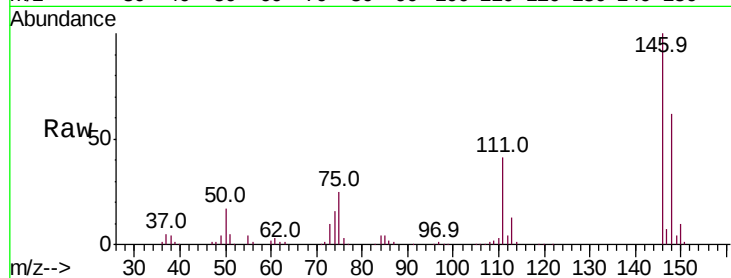




#87  
 1,3-Dichlorobenzene  
 Concen: 19.176 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. -0.00 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

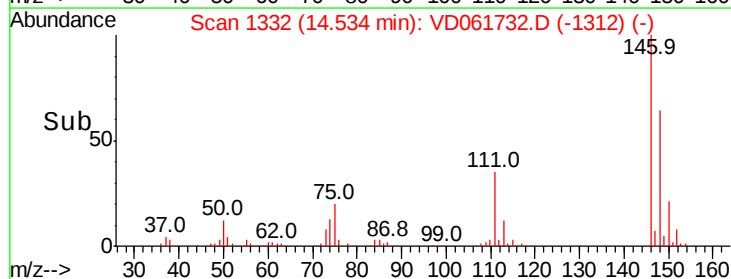
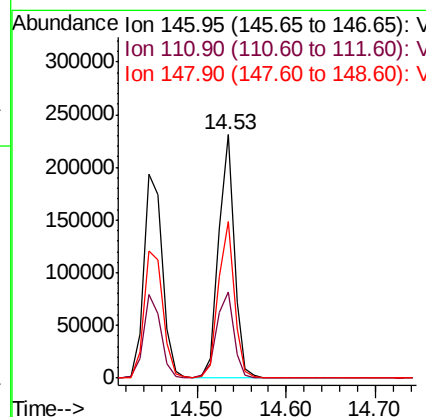
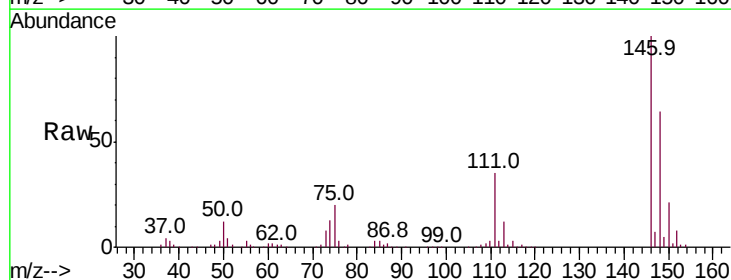
Instrument :  
 MSVOA\_D  
 ClientSampleId :

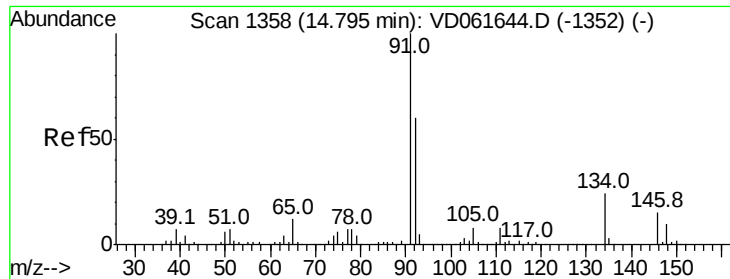
Tot Ion:146 Resp: 275867  
 Ion Ratio Lower Upper  
 146 100  
 111 40.7 20.3 61.0  
 148 61.9 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 19.559 ug/l  
 RT: 14.53 min Scan# 1332  
 Delta R.T. -0.00 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Tgt Ion:146 Resp: 283901  
 Ion Ratio Lower Upper  
 146 100  
 111 35.2 17.1 51.2  
 148 64.3 32.6 97.7

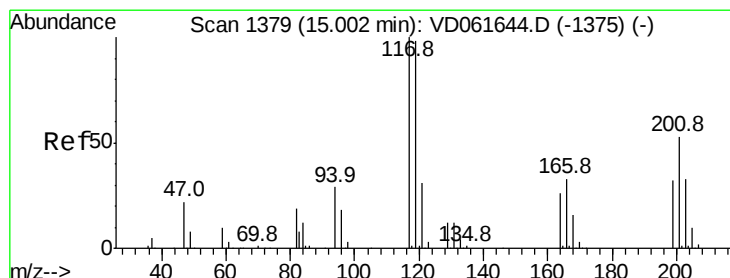
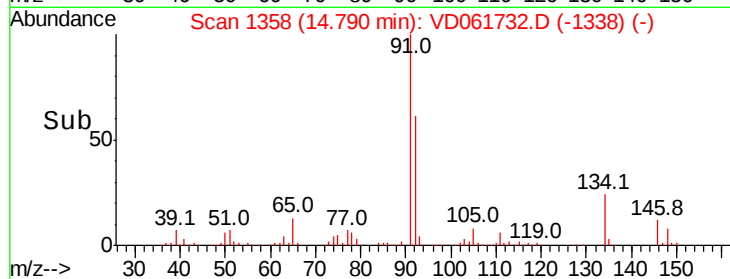
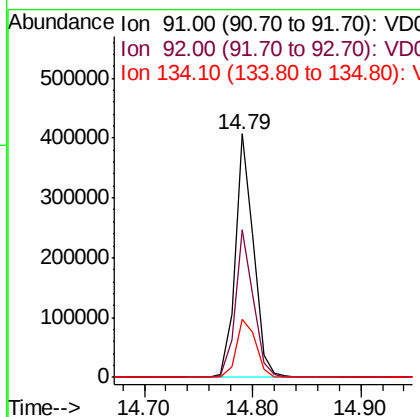
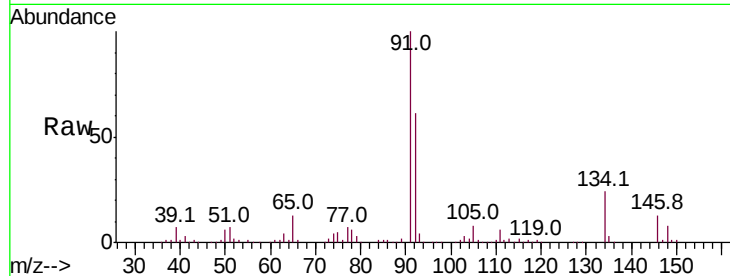




#89  
n-Butylbenzene  
Concen: 21.232 ug/l  
RT: 14.79 min Scan# 1358  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

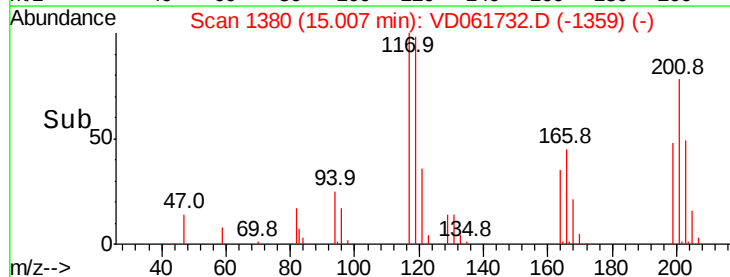
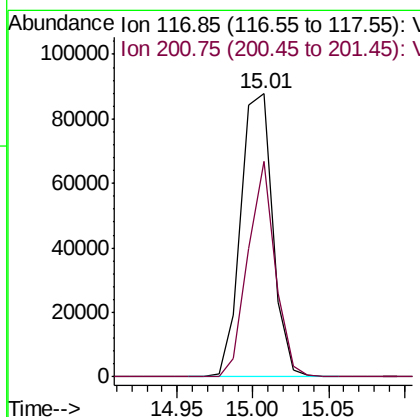
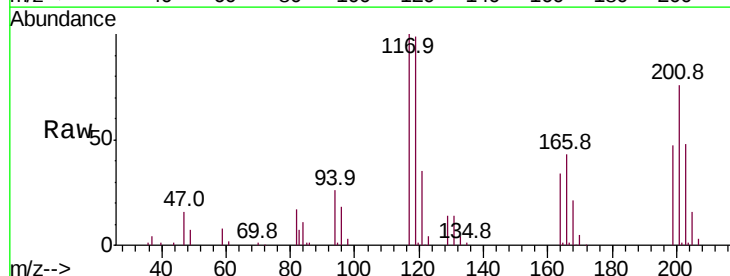
Instrument :  
MSVOA\_D  
ClientSampled :

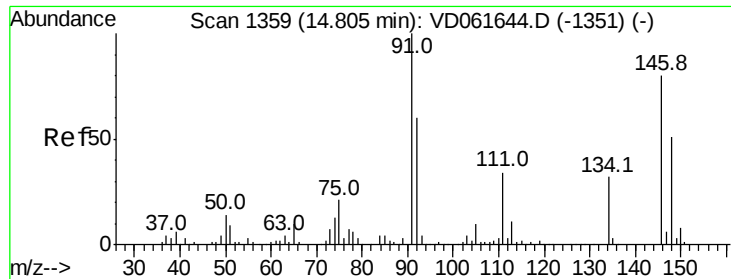
Tot Ion: 91 Resp: 476697  
Ion Ratio Lower Upper  
91 100  
92 60.5 29.8 89.4  
134 23.8 12.2 36.4



#90  
Hexachloroethane  
Concen: 18.425 ug/l  
RT: 15.01 min Scan# 1380  
Delta R.T. 0.01 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Tgt Ion: 117 Resp: 129138  
Ion Ratio Lower Upper  
117 100  
201 76.4 26.3 78.8





#91

1,2-Dichlorobenzene

Concen: 19.521 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

Instrument :

MSVOA\_D

ClientSampled :

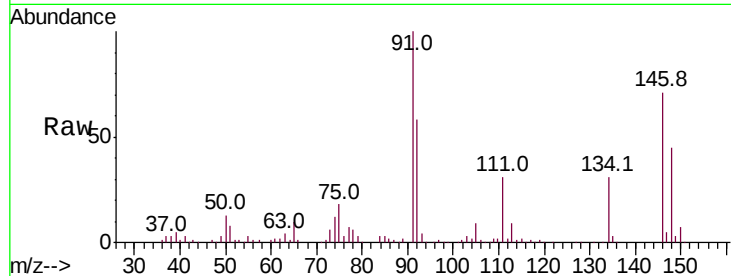
Tot Ion:146 Resp: 231456

Ion Ratio Lower Upper

146 100

111 43.9 21.1 63.3

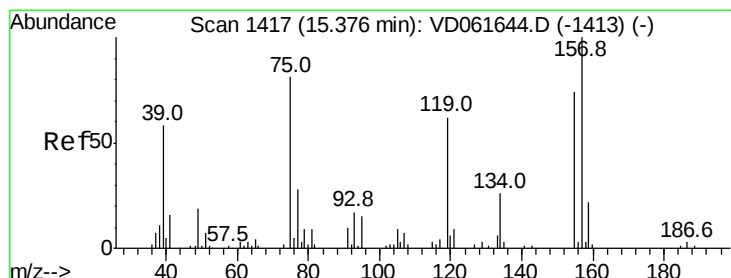
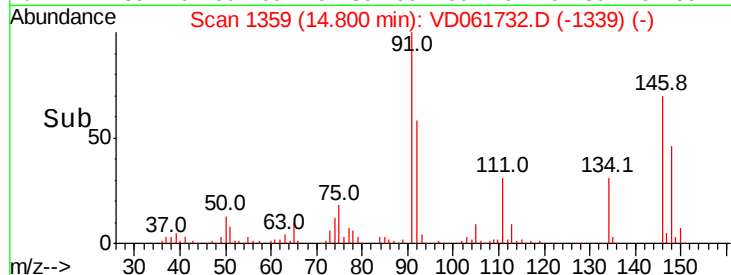
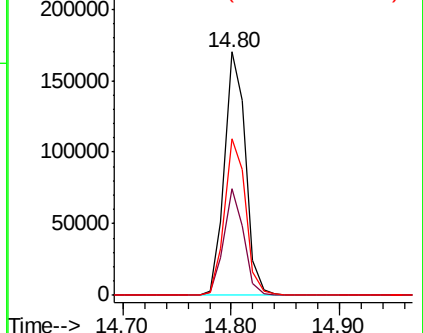
148 64.4 31.7 95.1



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.720 ug/l

RT: 15.38 min Scan# 1418

Delta R.T. 0.01 min

Lab File: VD061732.D

Acq: 11 Apr 2019 10:29

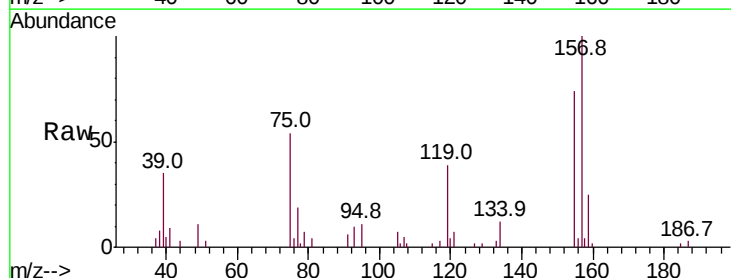
Tgt Ion: 75 Resp: 14170

Ion Ratio Lower Upper

75 100

155 135.4 45.6 136.7

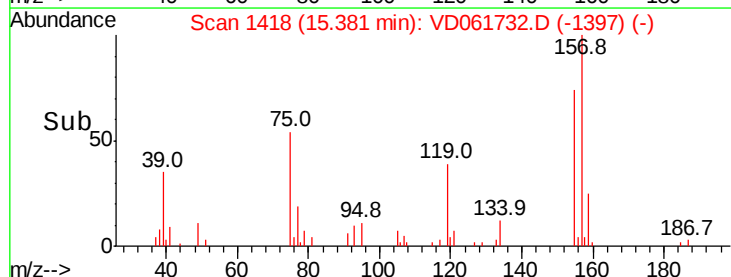
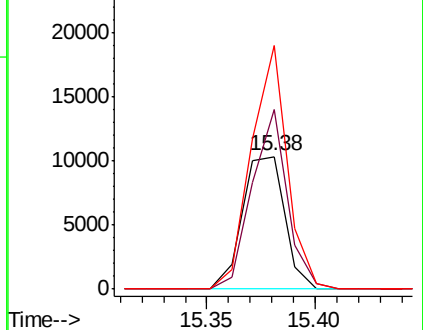
157 183.8 61.4 184.2

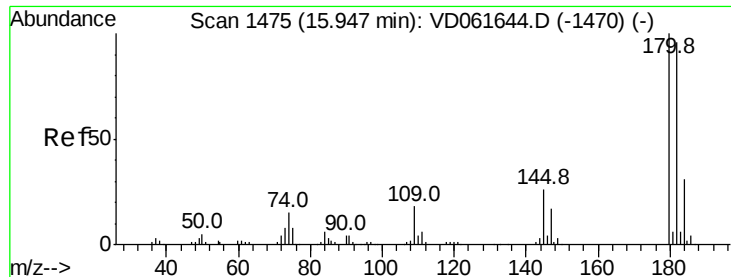


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

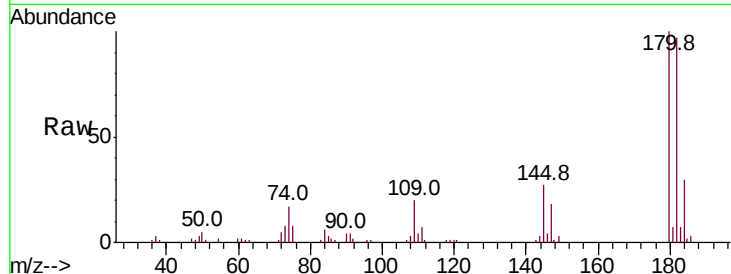




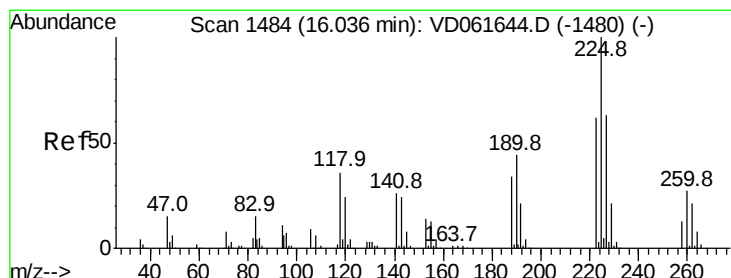
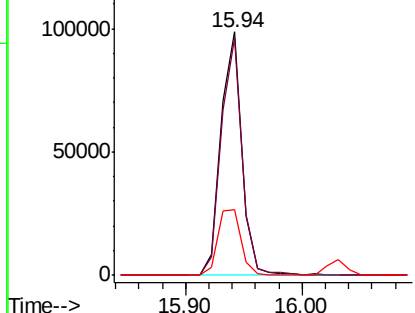
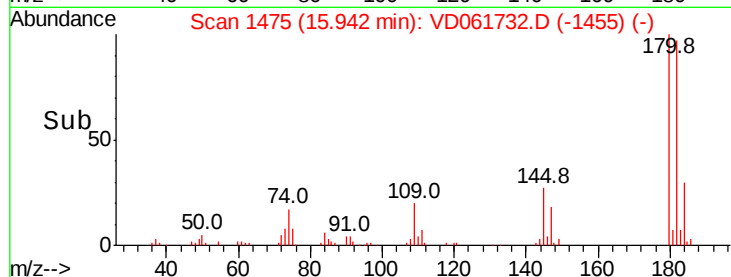
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.280 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. -0.00 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.2  | 47.8  | 143.3 |
| 145     | 27.1  | 13.3  | 39.8  |

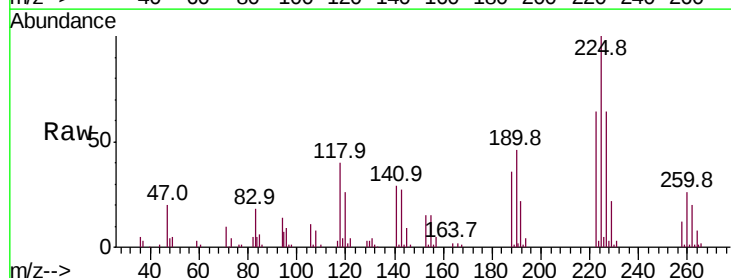


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

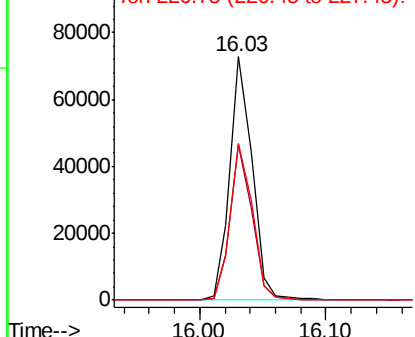
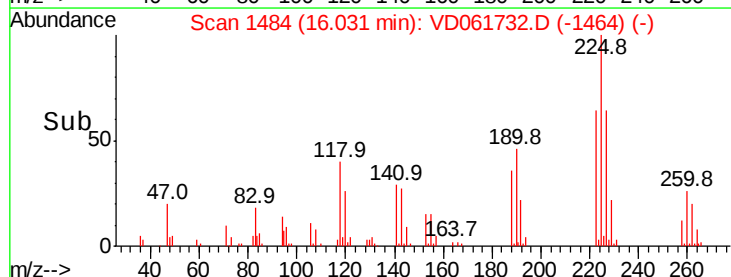


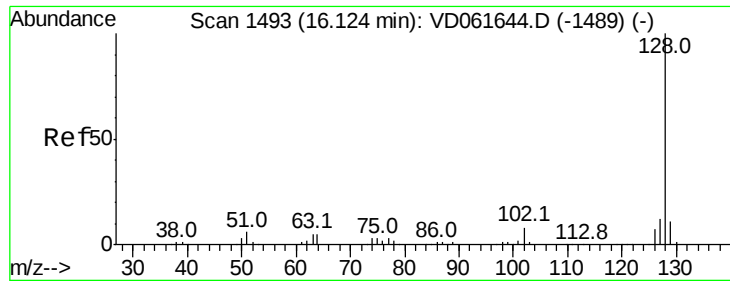
#94  
 Hexachlorobutadiene  
 Concen: 19.028 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. -0.00 min  
 Lab File: VD061732.D  
 Acq: 11 Apr 2019 10:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.0  | 30.8  | 92.3  |
| 227     | 64.2  | 31.5  | 94.5  |



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

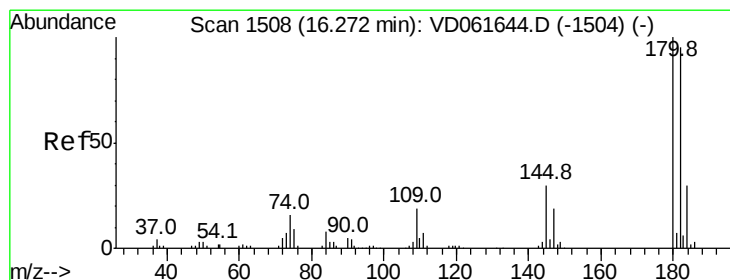
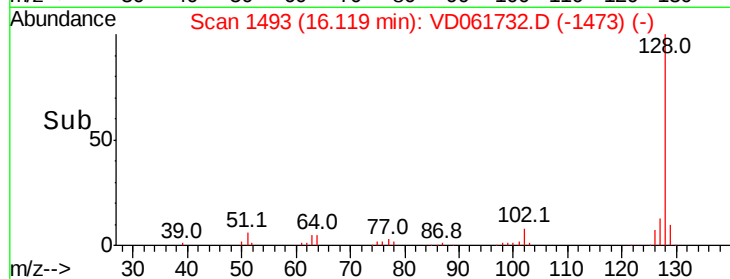
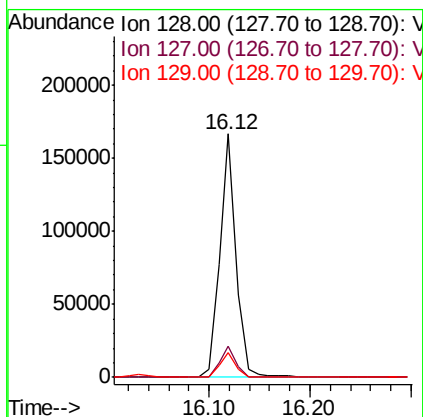
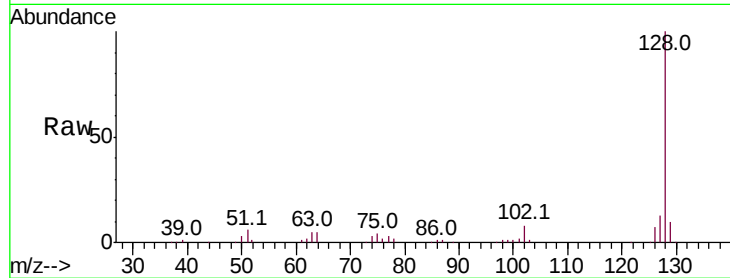




#95  
Naphthalene  
Concen: 19.619 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:128 Resp: 187522  
Ion Ratio Lower Upper  
128 100  
127 12.9 9.4 14.2  
129 10.4 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 19.557 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. -0.00 min  
Lab File: VD061732.D  
Acq: 11 Apr 2019 10:29

Tgt Ion:180 Resp: 58960  
Ion Ratio Lower Upper  
180 100  
182 98.5 47.3 142.0  
145 31.3 15.1 45.3

