

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122818\  
 Data File : VD060751.D  
 Acq On : 28 Dec 2018 17:27  
 Operator : VA/AP  
 Sample : VD1228SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1228SBS01

Manual Integrations  
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apatel  
 1/2/2019 1:14:51 PM

Quant Time: Dec 29 03:21:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122018S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 21 17:37:47 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 6.41  | 168  | 1350252  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 7.46  | 114  | 2007418  | 50.00 | ug/l  | 0.02     |
| 63) Chlorobenzene-d5       | 11.29 | 117  | 1561591  | 50.00 | ug/l  | 0.02     |
| 72) 1,4-Dichlorobenzene-d4 | 13.38 | 152  | 750654   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.80   | 65  | 503274   | 53.94 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.88% |      |
| 35) Dibromofluoromethane  | 6.33   | 113 | 732046   | 49.82 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.64%  |      |
| 50) Toluene-d8            | 9.46   | 98  | 2204845  | 50.29 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.58% |      |
| 62) 4-Bromofluorobenzene  | 12.44  | 95  | 773436   | 50.37 | ug/l    | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.74% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.60 | 85  | 291931  | 16.921  | ug/l   | 99     |
| 3) Chloromethane              | 1.77 | 50  | 284854  | 17.940  | ug/l   | 97     |
| 4) Vinyl Chloride             | 1.87 | 62  | 230072  | 18.251  | ug/l   | 99     |
| 5) Bromomethane               | 2.16 | 94  | 42345   | 14.996  | ug/l   | 98     |
| 6) Chloroethane               | 2.27 | 64  | 73751   | 19.604  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.53 | 101 | 260874  | 18.605  | ug/l   | 98     |
| 8) Diethyl Ether              | 2.84 | 74  | 44830   | 19.110  | ug/l   | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.11 | 101 | 170447  | 18.740  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.26 | 142 | 164207  | 17.179  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 3.98 | 59  | 38091   | 97.676  | ug/l # | 95     |
| 12) 1,1-Dichloroethene        | 3.09 | 96  | 134658  | 18.019  | ug/l   | 97     |
| 13) Acrolein                  | 3.00 | 56  | 40886   | 102.884 | ug/l   | 97     |
| 14) Allyl chloride            | 3.55 | 41  | 253821  | 18.510  | ug/l   | 97     |
| 15) Acrylonitrile             | 4.10 | 53  | 226382  | 99.991  | ug/l   | 97     |
| 16) Acetone                   | 3.18 | 43  | 146526  | 89.917  | ug/l   | 100    |
| 17) Carbon Disulfide          | 3.33 | 76  | 411952  | 17.260  | ug/l   | 100    |
| 18) Methyl Acetate            | 3.57 | 43  | 72121   | 17.858  | ug/l # | 91     |
| 19) Methyl tert-butyl Ether   | 4.14 | 73  | 386621  | 20.391  | ug/l   | 99     |
| 20) Methylene Chloride        | 3.74 | 84  | 291430  | 17.221  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 4.12 | 96  | 298066  | 19.475  | ug/l   | 97     |
| 22) Diisopropyl ether         | 4.87 | 45  | 899533  | 19.320  | ug/l   | 99     |
| 23) Vinyl Acetate             | 4.82 | 43  | 2123940 | 94.290  | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 4.77 | 63  | 461445  | 18.842  | ug/l   | 99     |
| 25) 2-Butanone                | 5.64 | 43  | 292672  | 93.857  | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 5.60 | 77  | 353894  | 18.307  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 5.61 | 96  | 305828  | 19.684  | ug/l   | 97     |
| 28) Bromochloromethane        | 5.94 | 49  | 191266  | 18.487  | ug/l   | 91     |
| 29) Tetrahydrofuran           | 5.97 | 42  | 164292  | 92.938  | ug/l   | 98     |
| 30) Chloroform                | 6.12 | 83  | 443519  | 17.998  | ug/l   | 99     |
| 31) Cyclohexane               | 6.38 | 56  | 446244  | 18.935  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 6.30 | 97  | 380150  | 18.646  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 6.53 | 75  | 354165  | 17.134  | ug/l   | 100    |
| 37) Ethyl Acetate             | 5.70 | 43  | 150997  | 17.466  | ug/l # | 94     |
| 38) Carbon Tetrachloride      | 6.51 | 117 | 312174  | 17.118  | ug/l   | 99     |

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 Sample : VD1228SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD1228SBS01

Manual Integrations  
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 1/2/2019 1:14:51 PM

Quant Time: Dec 29 03:21:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122018S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 21 17:37:47 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.05  | 83   | 409512   | 17.370  | ug/l   | 93       |
| 40) Benzene                    | 6.81  | 78   | 935971   | 17.529  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.94  | 41   | 76590m   | 16.017  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 6.91  | 62   | 230235   | 17.376  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.36  | 43   | 194956   | 17.573  | ug/l # | 98       |
| 44) Trichloroethene            | 7.75  | 130  | 296158   | 18.740  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 8.12  | 63   | 233580   | 17.838  | ug/l   | 98       |
| 46) Dibromomethane             | 8.22  | 93   | 129978   | 17.392  | ug/l   | 90       |
| 47) Bromodichloromethane       | 8.50  | 83   | 286612   | 16.192  | ug/l   | 99       |
| 48) Methyl methacrylate        | 8.25  | 41   | 121497   | 18.031  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 8.24  | 88   | 23490    | 374.935 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone       | 9.36  | 43   | 605350   | 89.061  | ug/l   | 98       |
| 52) Toluene                    | 9.56  | 92   | 588079   | 17.569  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.93  | 75   | 244871   | 16.582  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.11  | 75   | 332554   | 17.205  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.19 | 97   | 169467   | 18.817  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 10.03 | 69   | 150603   | 18.004  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.39 | 76   | 238857   | 16.732  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether  | 8.93  | 63   | 460938   | 93.517  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.50 | 43   | 423152   | 88.941  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.64 | 129  | 194596   | 16.963  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.76 | 107  | 165039   | 17.667  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.26 | 164  | 256226   | 18.103  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.32 | 112  | 667256   | 19.340  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.42 | 131  | 205929   | 18.564  | ug/l   | 96       |
| 67) Ethyl Benzene              | 11.43 | 91   | 1095962  | 18.548  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.57 | 106  | 849130   | 39.324  | ug/l   | 99       |
| 69) o-Xylene                   | 11.94 | 106  | 410081   | 20.017  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 647405   | 19.621  | ug/l   | 99       |
| 71) Bromoform                  | 12.12 | 173  | 121617   | 16.609  | ug/l   | 94       |
| 73) Isopropylbenzene           | 12.28 | 105  | 1091625  | 20.425  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.14 | 43   | 259084   | 20.540  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.56 | 83   | 166804   | 19.255  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.60 | 75   | 159518   | 18.666  | ug/l   | 98       |
| 77) Bromobenzene               | 12.54 | 156  | 279084   | 19.779  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.64 | 91   | 1388787  | 20.326  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.71 | 91   | 751832   | 20.544  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.80 | 105  | 909628   | 22.041  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.35 | 75   | 42600    | 18.039  | ug/l   | 91       |
| 82) 4-Chlorotoluene            | 12.81 | 91   | 834375   | 20.115  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.06 | 119  | 1002650  | 21.348  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.10 | 105  | 953929   | 22.443  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.22 | 105  | 1193183  | 20.831  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.35 | 119  | 987630   | 21.360  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.31 | 146  | 528904   | 20.419  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene        | 13.40 | 146  | 493343   | 19.328  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.66 | 91   | 1003037  | 21.229  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.86 | 117  | 223444   | 19.672  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 13.67 | 146  | 438374   | 21.098  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.23 | 75   | 21339    | 20.967  | ug/l   | 94       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122818\  
Data File : VD060751.D  
Acq On : 28 Dec 2018 17:27  
Operator : VA/AP  
Sample : VD1228SBSD01  
Misc : 5.00u/5ml/MSVOA D/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBSD01

Manual Integrations  
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1/2/2019 1:14:51 PM

Quant Time: Dec 29 03:21:45 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122018S.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 21 17:37:47 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.79 | 180  | 322225   | 19.489 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 14.89 | 225  | 238521   | 19.517 | ug/l  | 99       |
| 95) Naphthalene            | 14.97 | 128  | 406809   | 20.702 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.12 | 180  | 252620   | 19.545 | ug/l  | 99       |

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

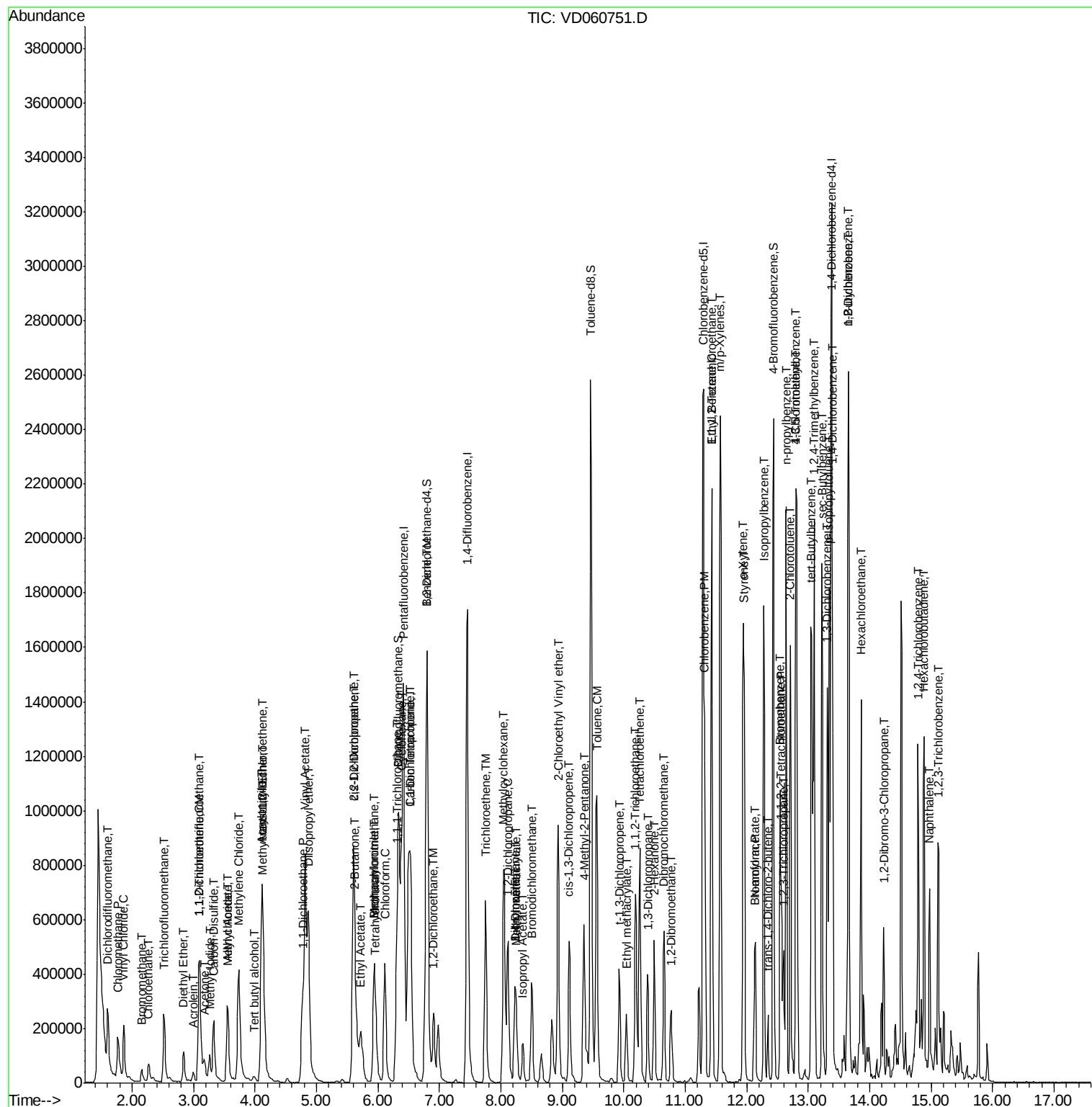
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 Data File : VD060751.D  
 Acq On : 28 Dec 2018 17:27  
 Operator : VA/AP  
 Sample : VD1228SBS01  
 Misc : 5.00µl/5ml/MSVOA D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

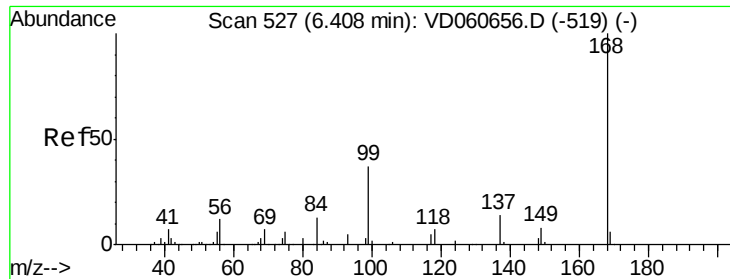
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD1228SBS01

Manual Integrations  
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 1/2/2019 1:14:51 PM

Quant Time: Dec 29 03:21:45 2018  
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 Quant Title : SW846 8260  
 QLast Update : Fri Dec 21 17:37:47 2018  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 527

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

ClientSampleId :

VD1228SBSD01

Tot Ion:168 Resp: 1350252

Ion Ratio Lower Upper

168 100

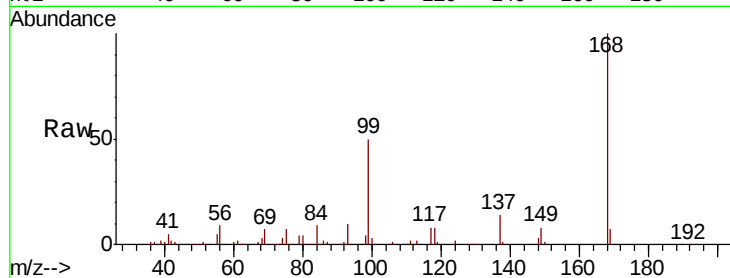
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Manual Integrations

APPROVED

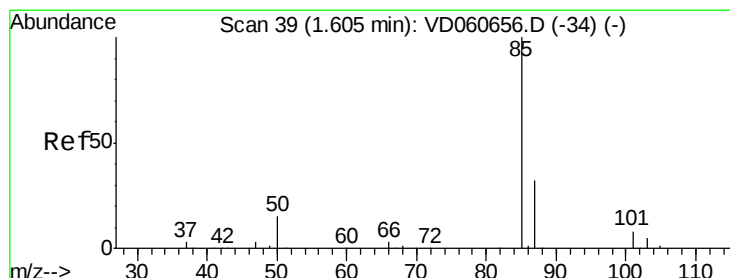
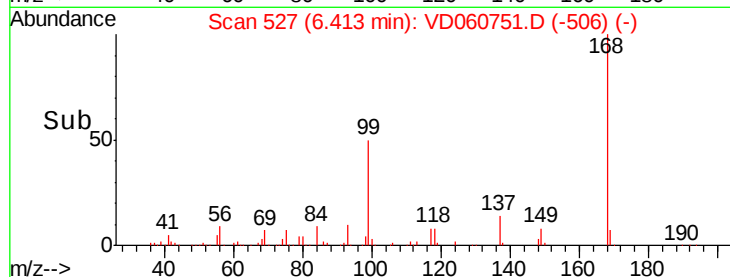
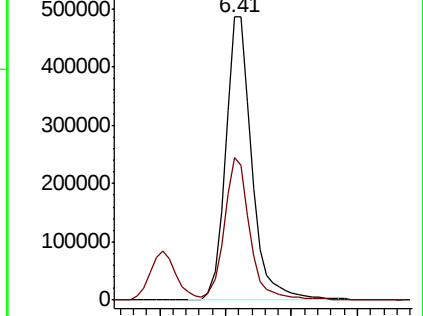
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 16.921 ug/l

RT: 1.60 min Scan# 38

Delta R.T. -0.00 min

Lab File: VD060751.D

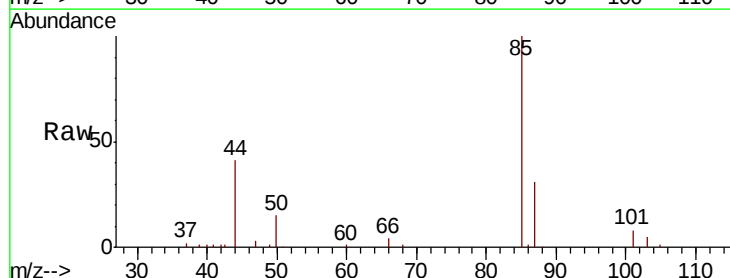
Acq: 28 Dec 2018 17:27

Tgt Ion: 85 Resp: 291931

Ion Ratio Lower Upper

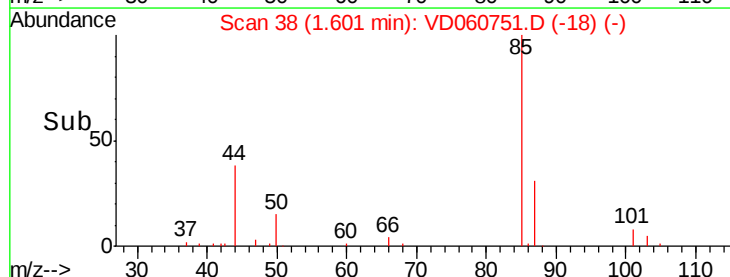
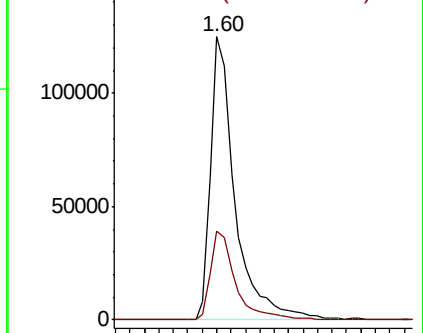
85 100

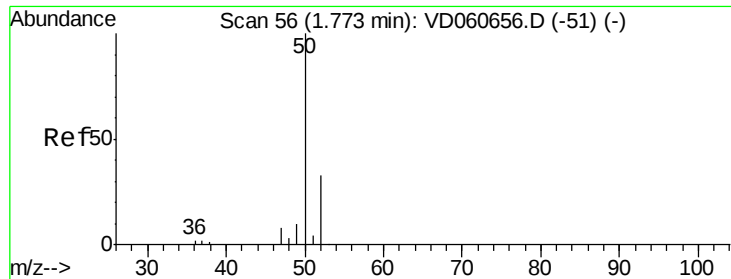
87 31.5 16.0 47.9



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 17.940 ug/l

RT: 1.77 min Scan# 55

Delta R.T. -0.00 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

ClientSampleId :

VD1228SBS01

Tot Ion: 50 Resp: 284854

Ion Ratio Lower Upper

50 100

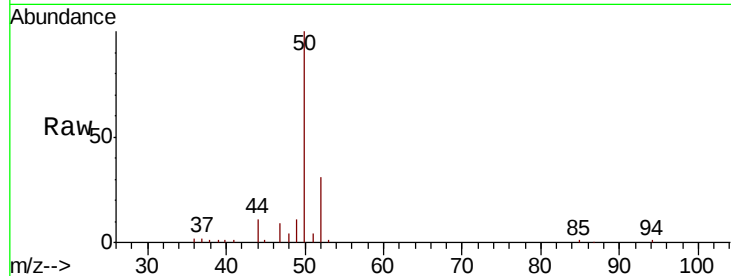
52 31.2 26.6 39.8

Manual Integrations

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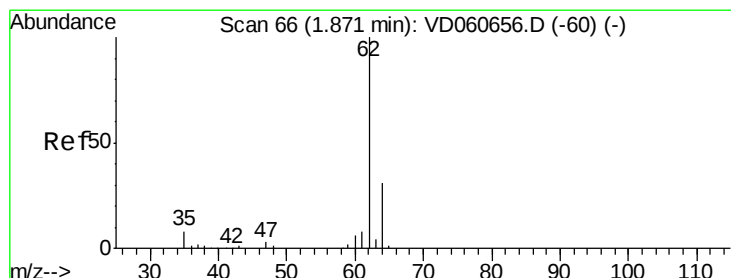
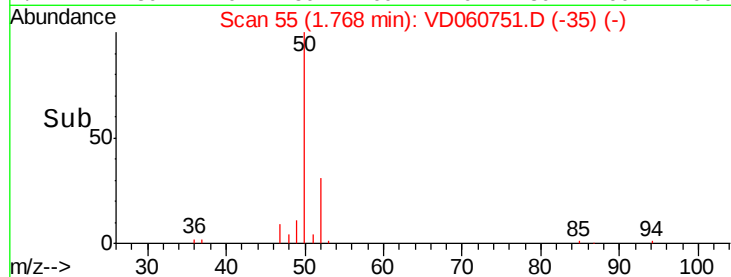
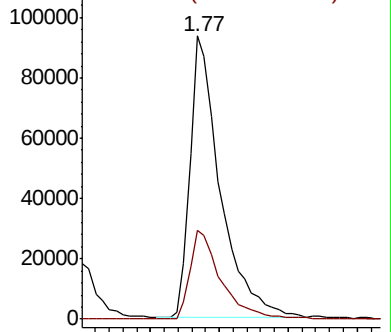
apatel

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.251 ug/l

RT: 1.87 min Scan# 65

Delta R.T. -0.00 min

Lab File: VD060751.D

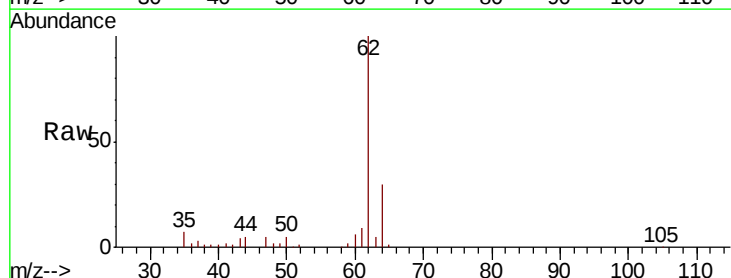
Acq: 28 Dec 2018 17:27

Tgt Ion: 62 Resp: 230072

Ion Ratio Lower Upper

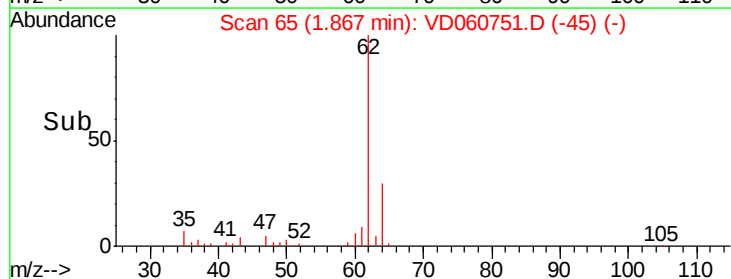
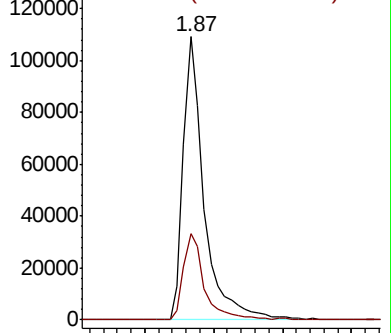
62 100

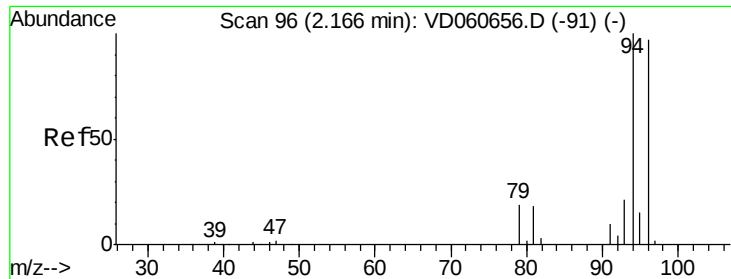
64 30.5 25.0 37.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 14.996 ug/l

RT: 2.16 min Scan# 95

Delta R.T. -0.00 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

ClientSampleID :

VD1228SBSD01

Tot Ion: 94 Resp: 42345

Ion Ratio Lower Upper

94 100

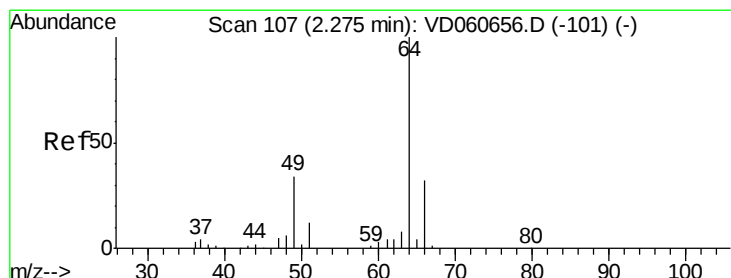
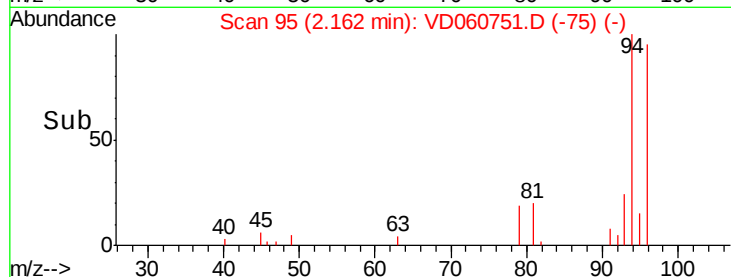
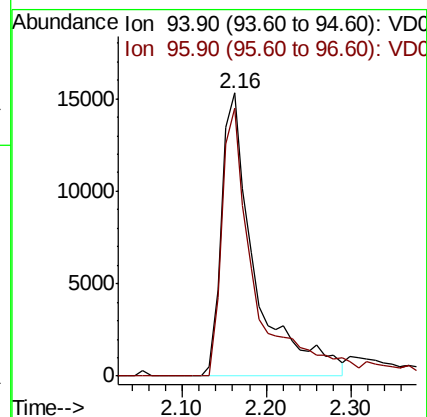
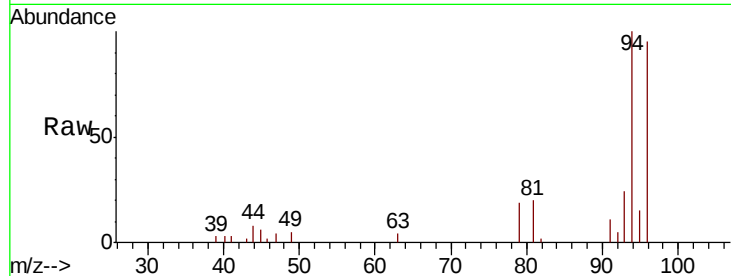
96 94.9 77.2 115.8

Manual Integrations

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#6

Chloroethane

Concen: 19.604 ug/l

RT: 2.27 min Scan# 106

Delta R.T. -0.00 min

Lab File: VD060751.D

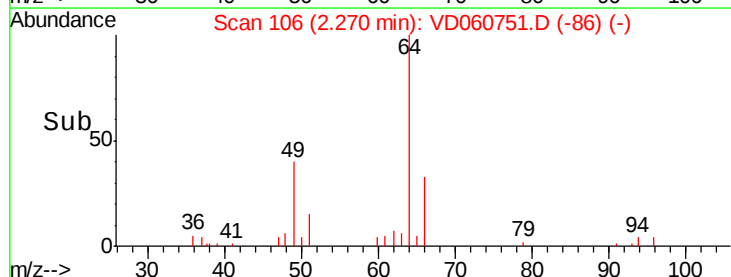
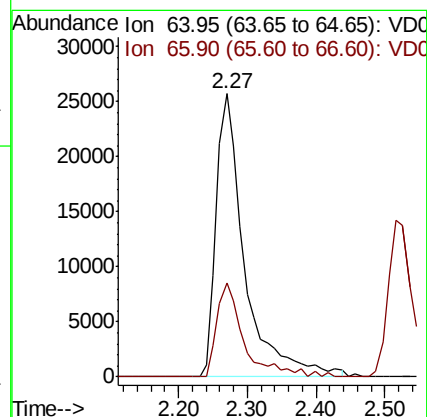
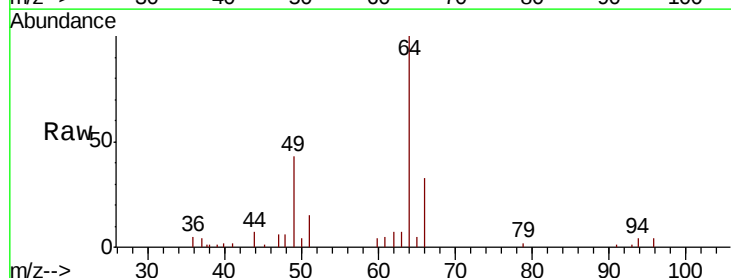
Acq: 28 Dec 2018 17:27

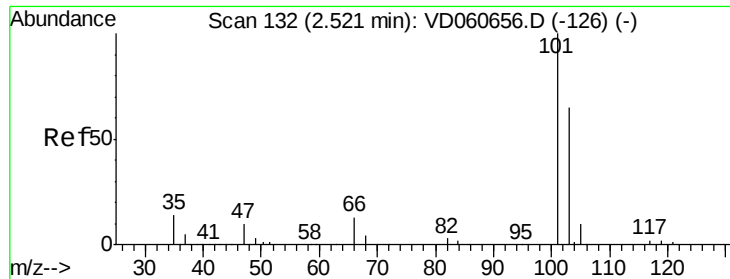
Tgt Ion: 64 Resp: 73751

Ion Ratio Lower Upper

64 100

66 33.1 25.6 38.4





#7

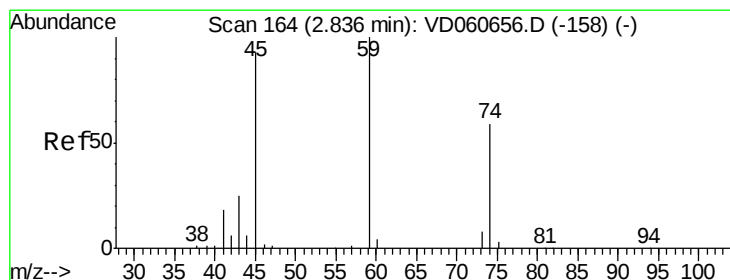
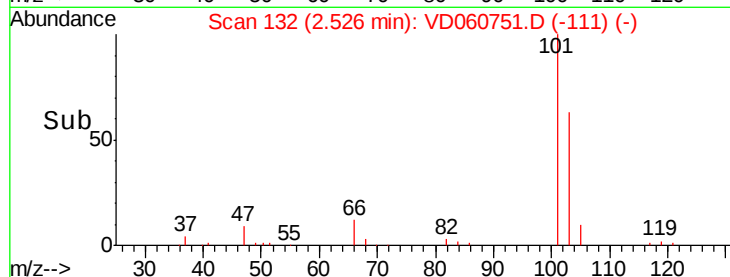
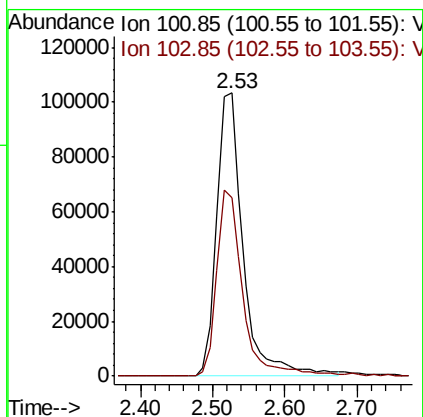
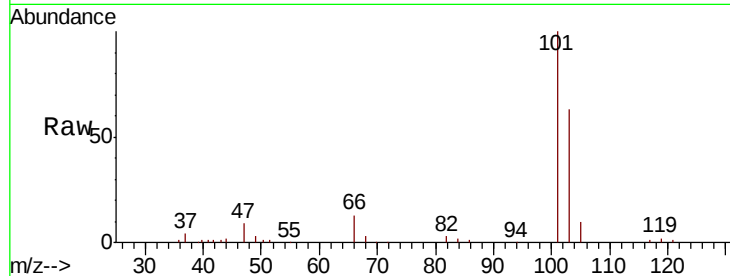
Trichlorofluoromethane  
Concen: 18.605 ug/l  
RT: 2.53 min Scan# 132  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.3  | 51.9  | 77.9  |

Manual Integrations  
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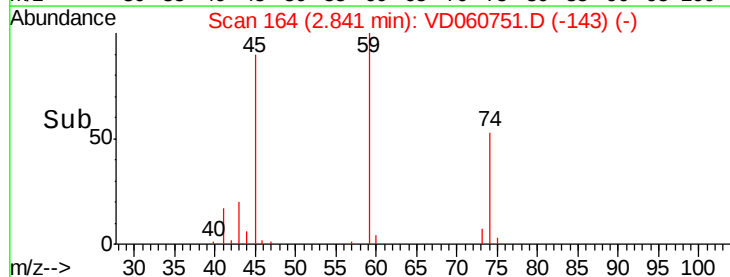
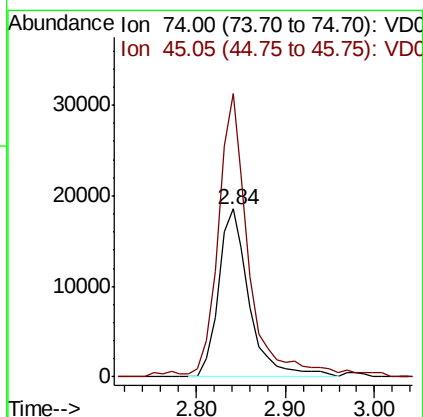
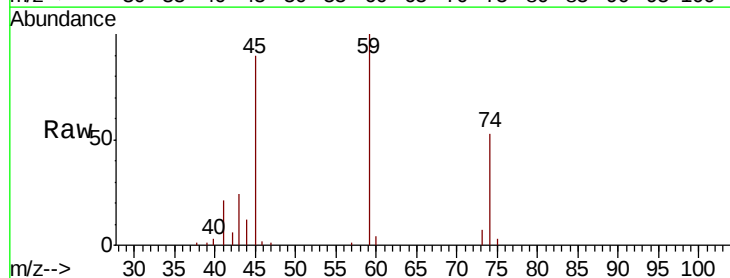
apatel  
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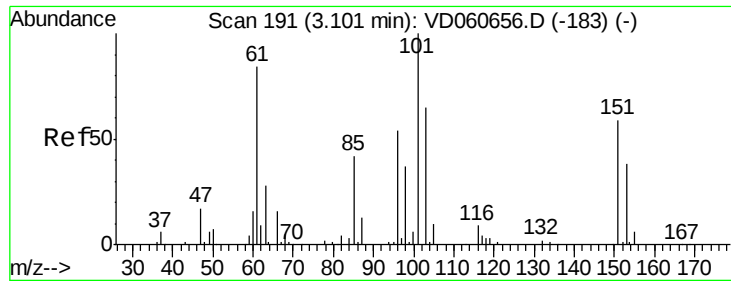


#8

Diethyl Ether  
Concen: 19.110 ug/l  
RT: 2.84 min Scan# 164  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 168.4 | 79.3  | 238.1 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.740 ug/l

RT: 3.11 min Scan# 191

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

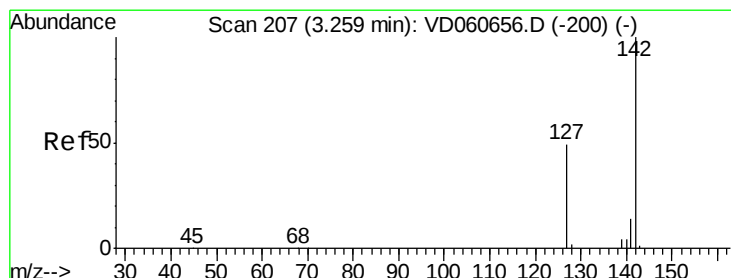
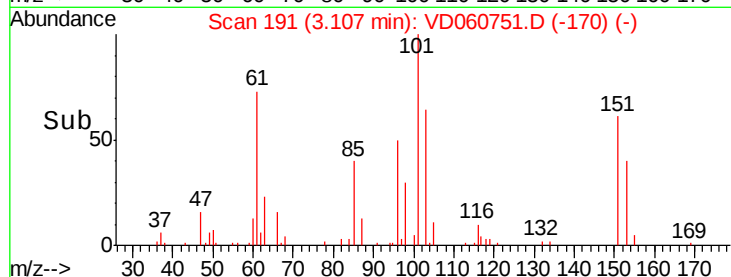
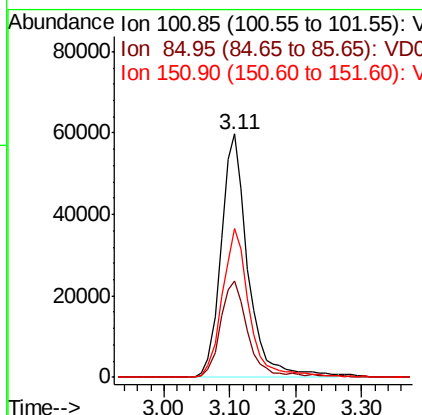
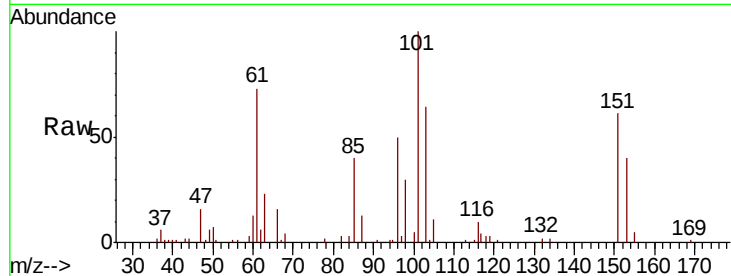
ClientSampleId :

VD1228SBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 170447 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 39.8  | 33.4  | 50.0   |
| 151       | 61.1  | 47.5  | 71.3   |

Manual Integrations  
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#10

Methyl Iodide

Concen: 17.179 ug/l

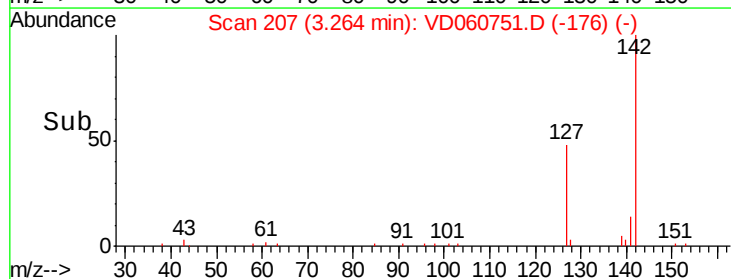
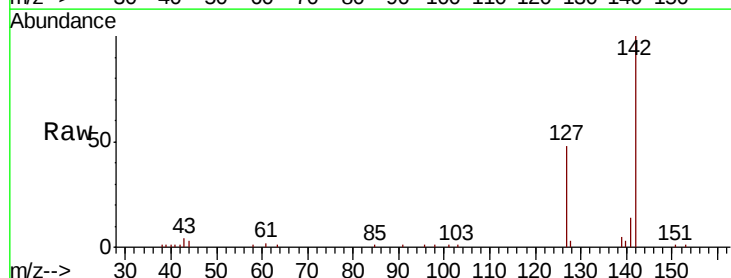
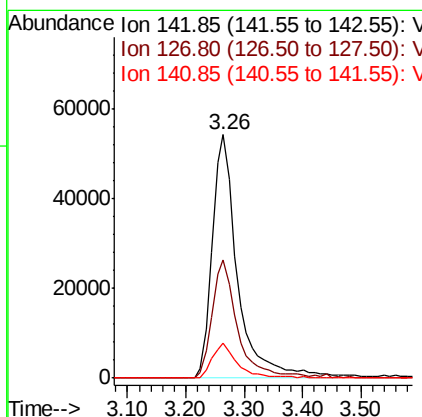
RT: 3.26 min Scan# 207

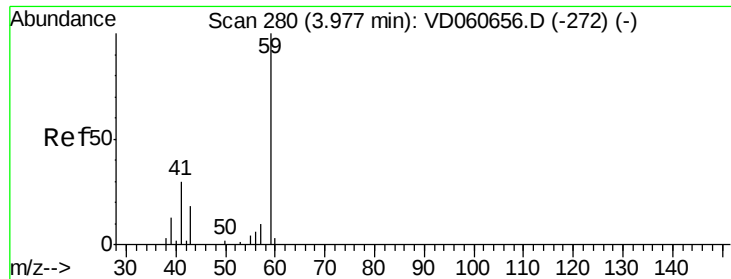
Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 164207 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 48.5  | 39.5  | 59.3   |
| 141       | 14.3  | 11.3  | 16.9   |





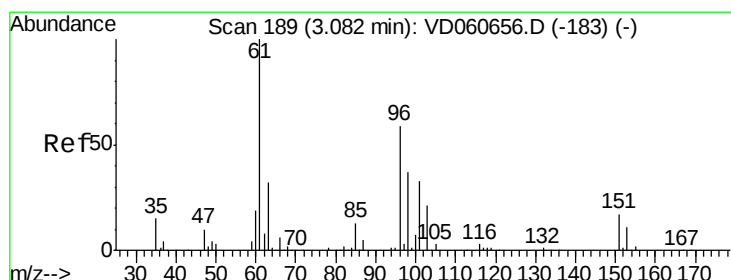
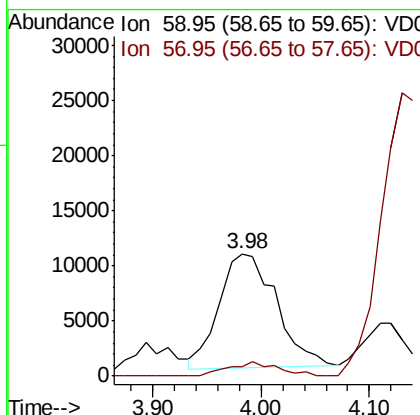
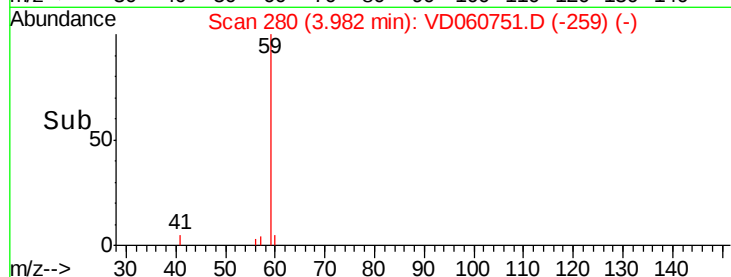
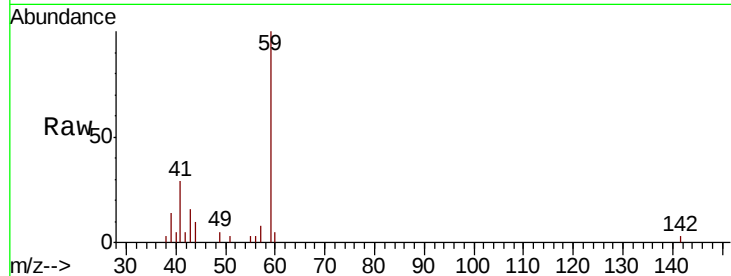
#11  
Tert butyl alcohol  
Concen: 97.676 ug/l  
RT: 3.98 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

Tot Ion: 59 Resp: 38091  
Ion Ratio Lower Upper  
59 100  
57 7.7 7.8 11.6#

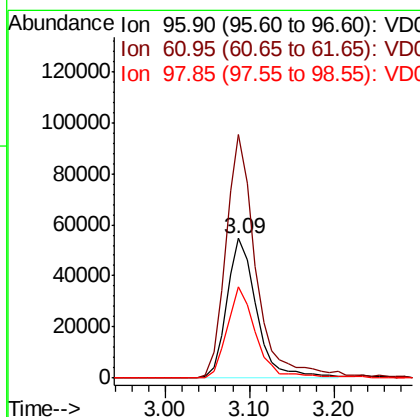
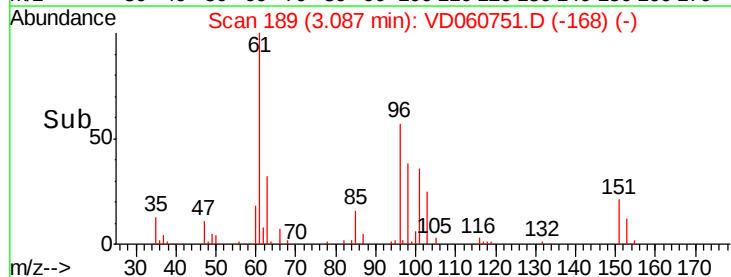
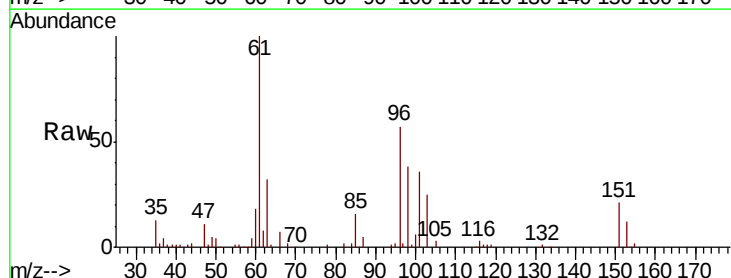
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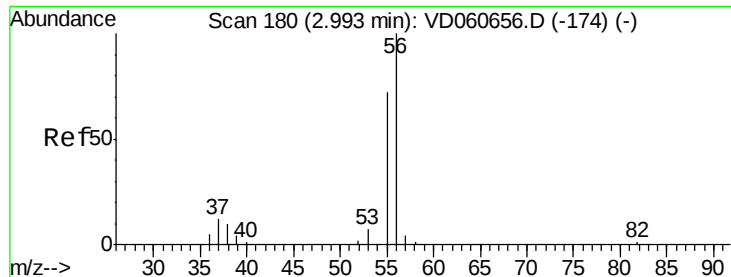
apatel  
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#12  
1,1-Dichloroethene  
Concen: 18.019 ug/l  
RT: 3.09 min Scan# 189  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Tgt Ion: 96 Resp: 134658  
Ion Ratio Lower Upper  
96 100  
61 174.1 136.2 204.4  
98 65.6 50.7 76.1





#13

Acrolein

Concen: 102.884 ug/l

RT: 3.00 min Scan# 180

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

ClientSampleId :

VD1228SBS01

Tot Ion: 56 Resp: 40886

Ion Ratio Lower Upper

56 100

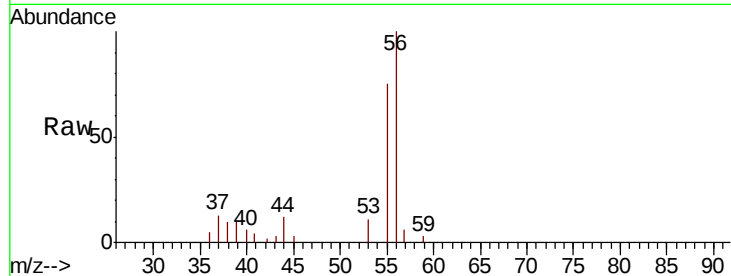
55 74.8 57.7 86.5

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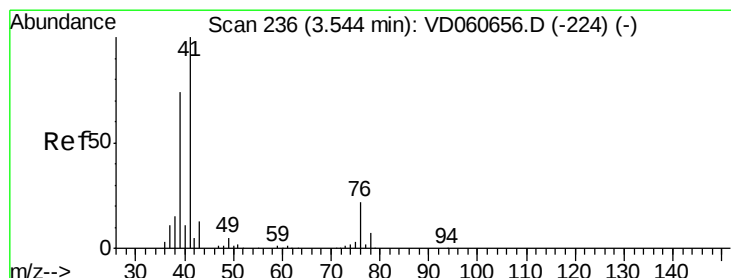
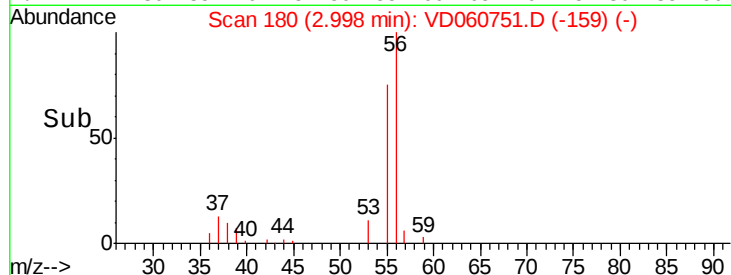
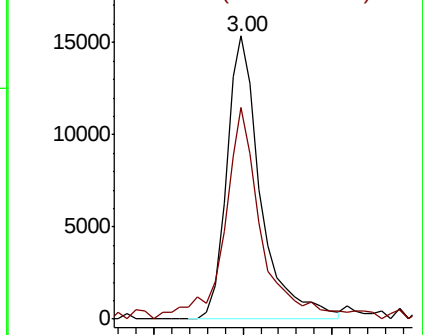
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Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.510 ug/l

RT: 3.55 min Scan# 236

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

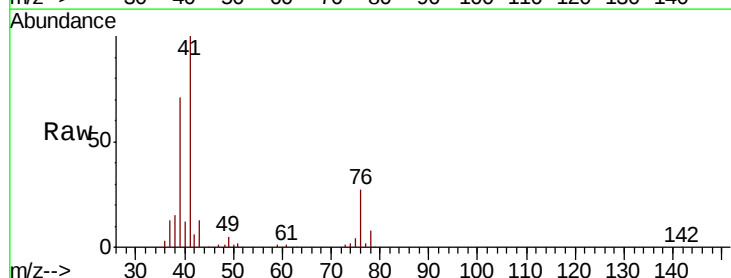
Tgt Ion: 41 Resp: 253821

Ion Ratio Lower Upper

41 100

39 71.2 59.6 89.4

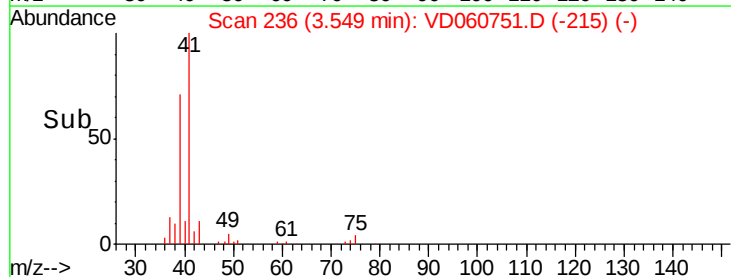
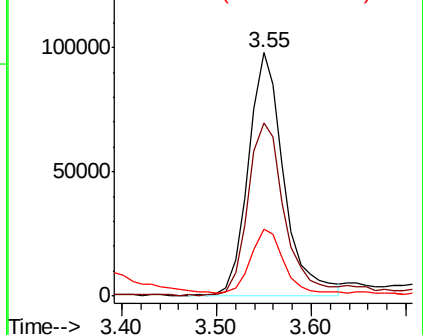
76 27.4 21.8 32.6

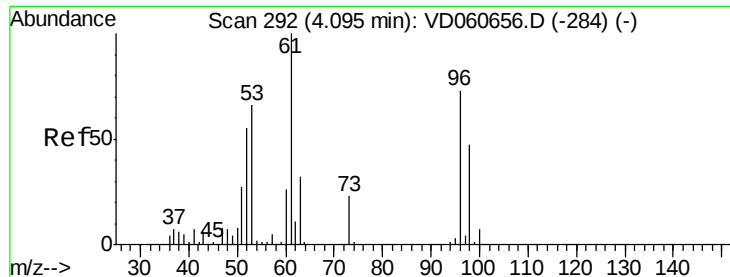


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 99.991 ug/l

RT: 4.10 min Scan# 292

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

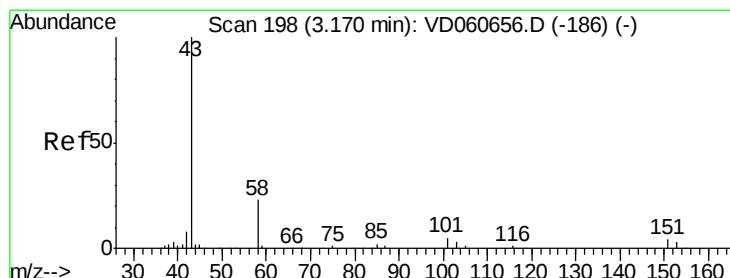
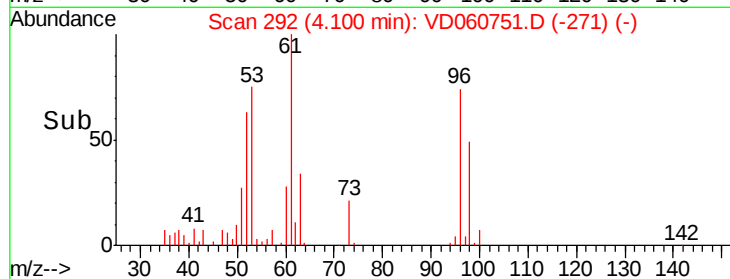
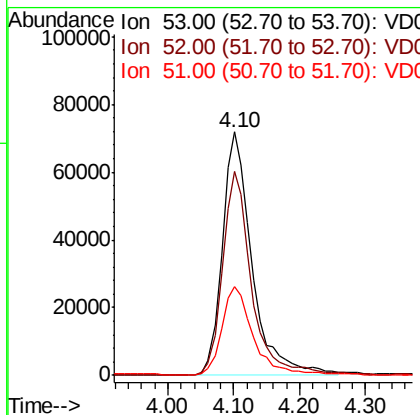
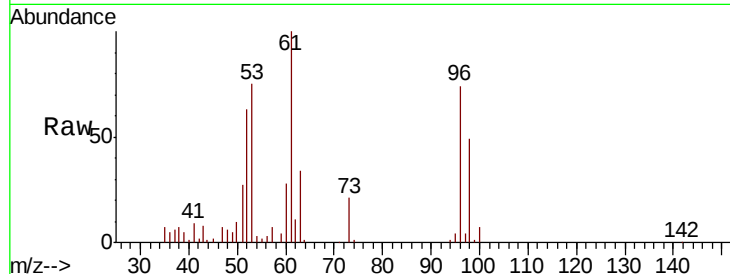
ClientSampleId :

VD1228SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 226382 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.8  | 66.7  | 100.1  |
| 51       | 36.7  | 32.7  | 49.1   |

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#16

Acetone

Concen: 89.917 ug/l

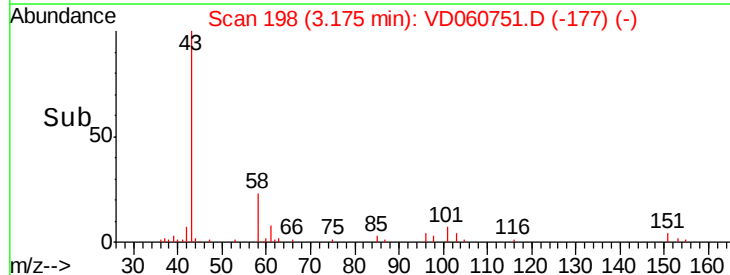
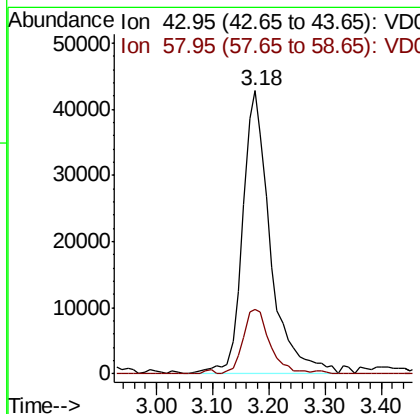
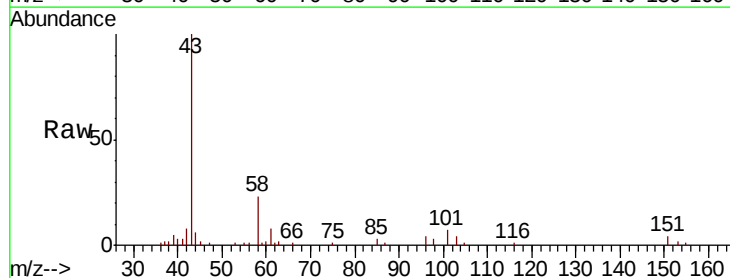
RT: 3.18 min Scan# 198

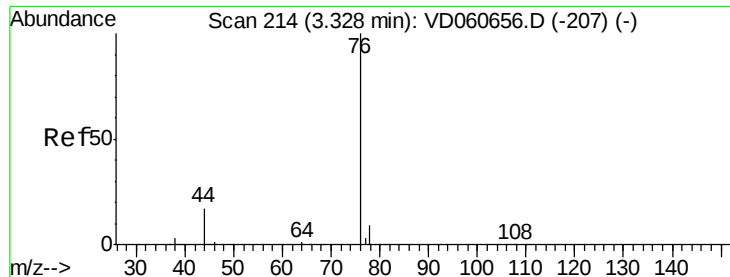
Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 146526 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 22.6  | 18.2  | 27.2   |





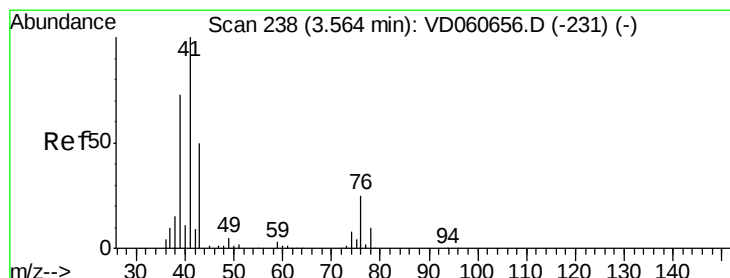
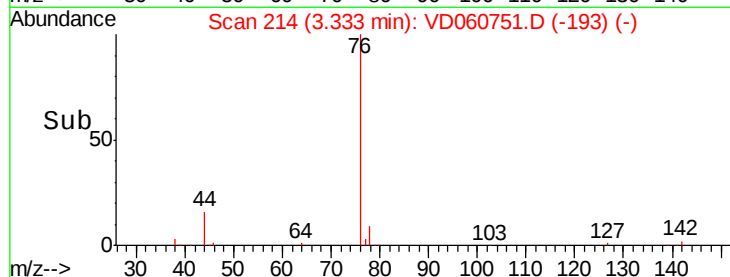
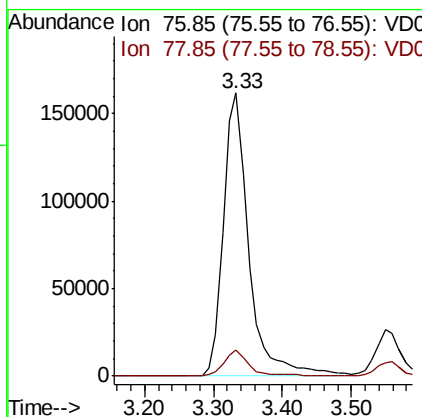
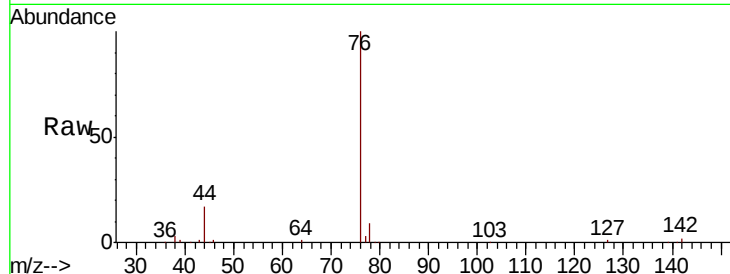
#17  
Carbon Disulfide  
Concen: 17.260 ug/l  
RT: 3.33 min Scan# 214  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleID :  
VD1228SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.4   | 11.0  |

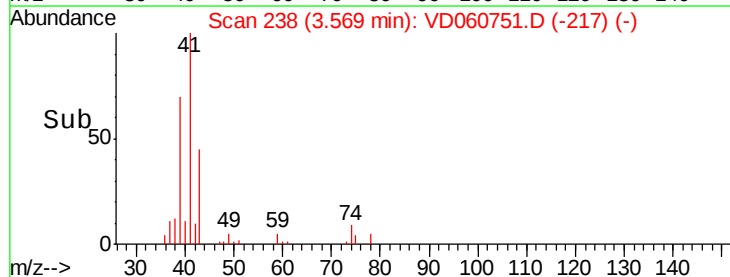
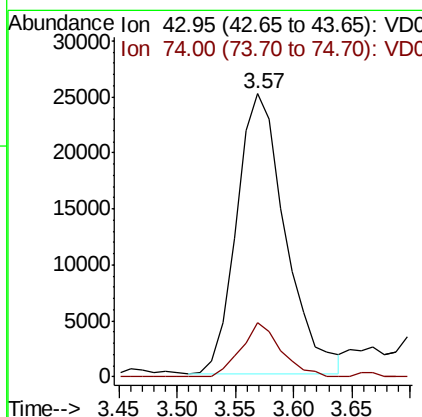
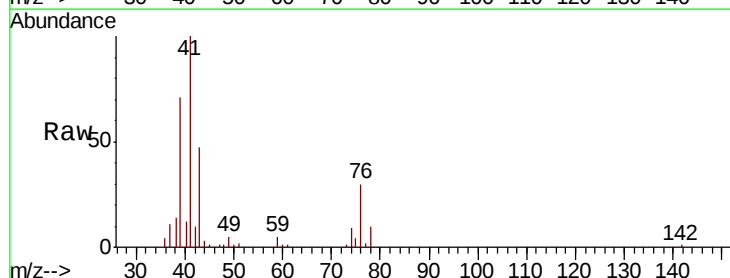
Manual Integrations  
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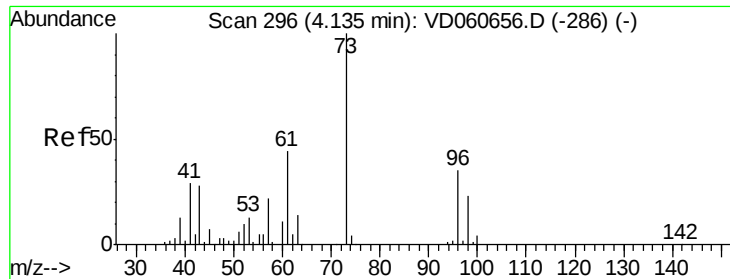
apatel  
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#18  
Methyl Acetate  
Concen: 17.858 ug/l  
RT: 3.57 min Scan# 238  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 19.3  | 12.4  | 18.6# |





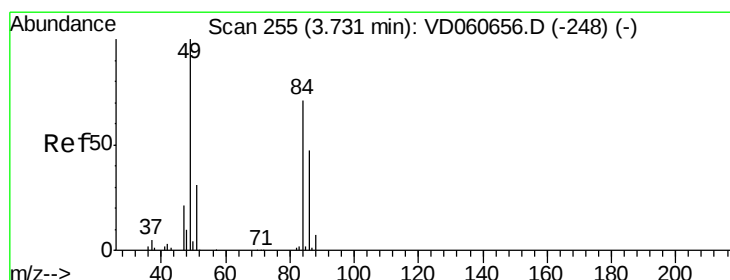
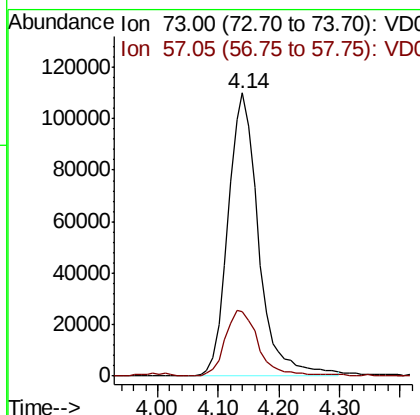
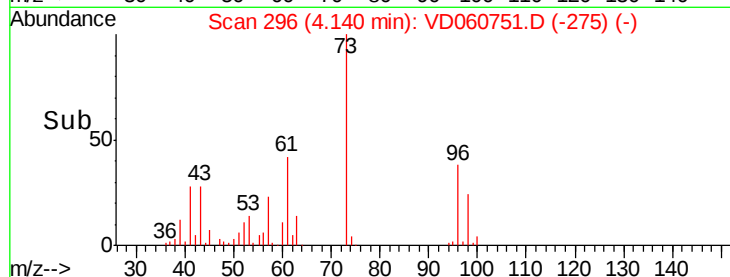
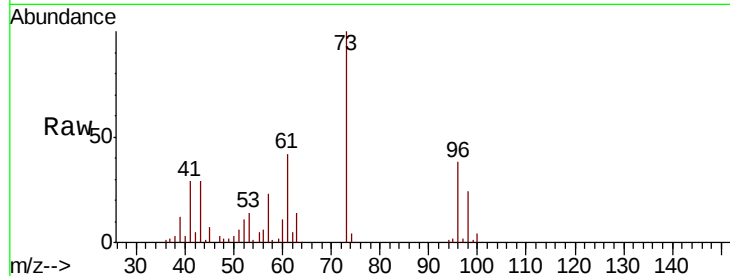
#19  
Methyl tert-butyl Ether  
Concen: 20.391 ug/l  
RT: 4.14 min Scan# 296  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

Tot Ion: 73 Resp: 386621  
Ion Ratio Lower Upper  
73 100  
57 22.7 17.6 26.4

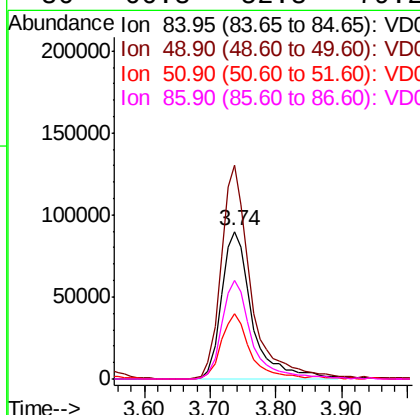
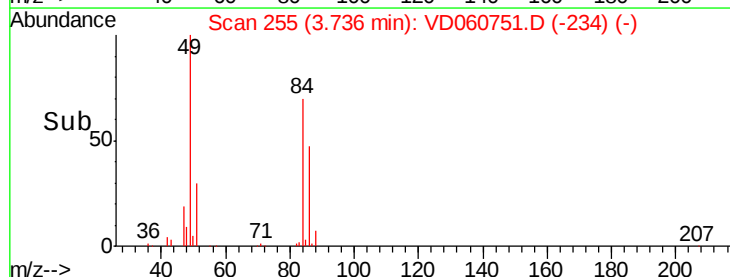
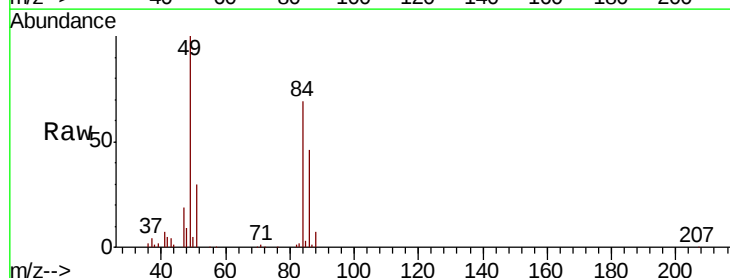
Manual Integrations  
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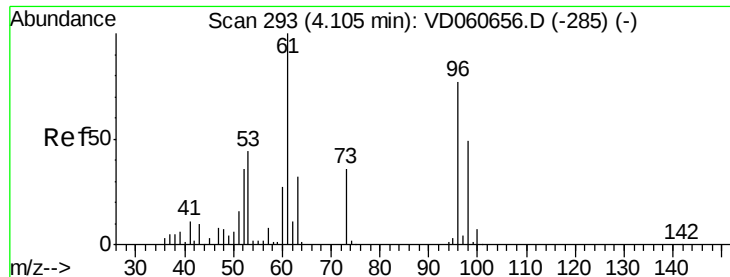
apatel  
1/2/2019 1:14:51 PM



#20  
Methylene Chloride  
Concen: 17.221 ug/l  
RT: 3.74 min Scan# 255  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Tgt Ion: 84 Resp: 291430  
Ion Ratio Lower Upper  
84 100  
49 144.8 113.6 170.4  
51 43.9 34.7 52.1  
86 66.8 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 19.475 ug/l

RT: 4.12 min Scan# 294

Delta R.T. 0.02 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

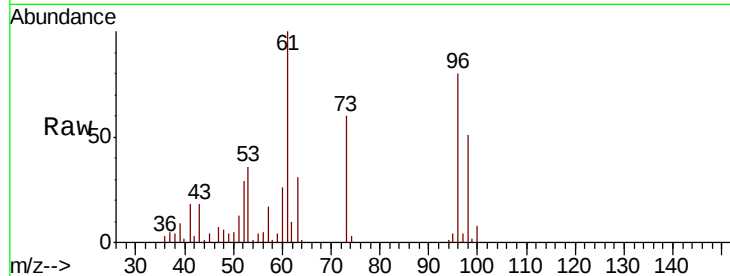
ClientSampleId :

VD1228SBS01

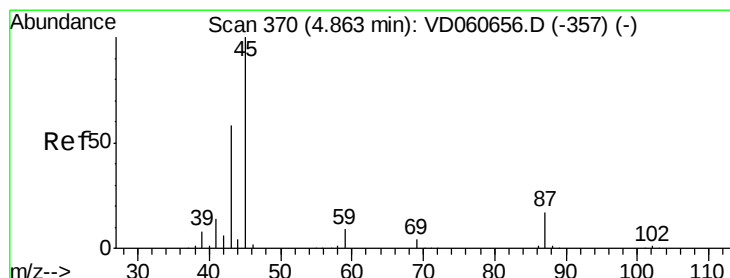
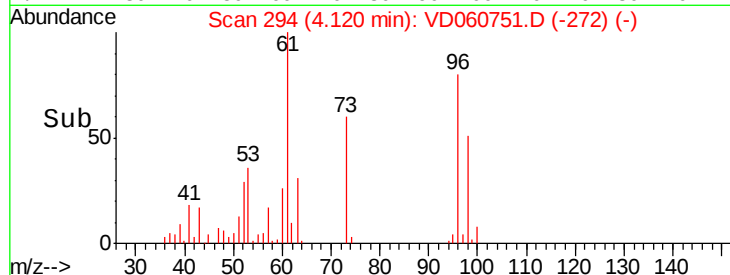
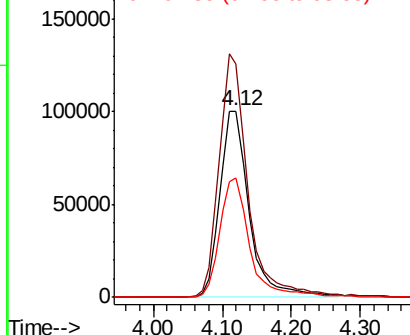
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 298066 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 125.2 | 104.2 | 156.2  |
| 98       | 64.2  | 51.2  | 76.8   |

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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: 19.320 ug/l

RT: 4.87 min Scan# 370

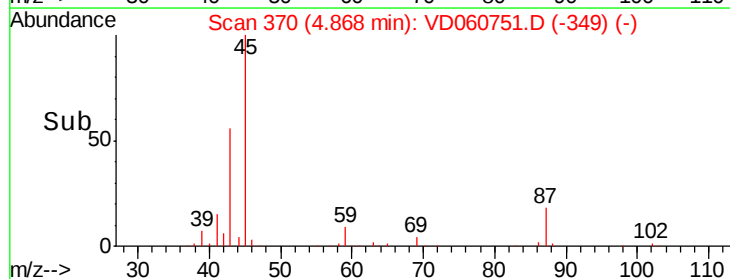
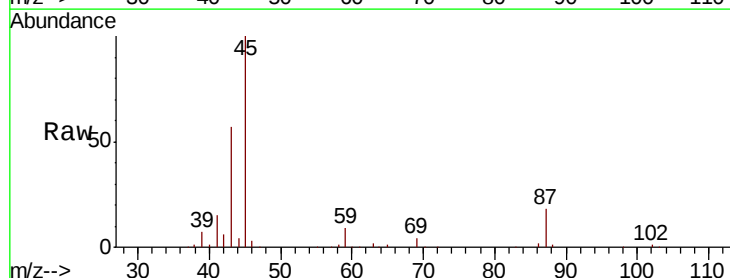
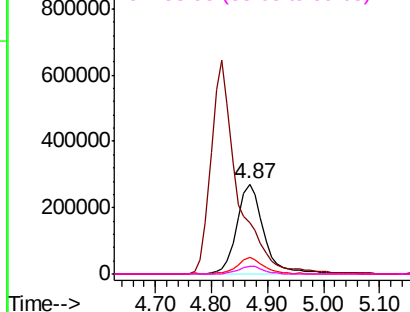
Delta R.T. 0.01 min

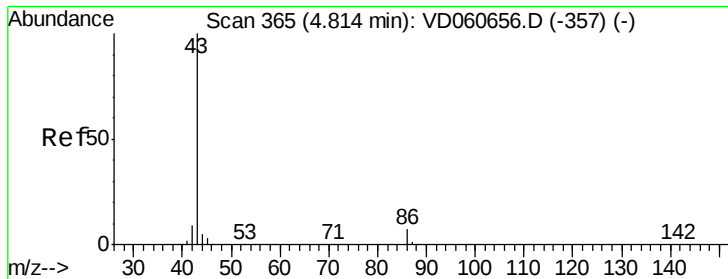
Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 899533 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 56.5  | 46.1  | 69.1   |
| 87       | 17.9  | 13.7  | 20.5   |
| 59       | 9.0   | 7.4   | 11.0   |

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: 94.290 ug/l

RT: 4.82 min Scan# 365

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

ClientSampleId :

VD1228SBS01

Tot Ion: 43 Resp: 2123940

Ion Ratio Lower Upper

43 100

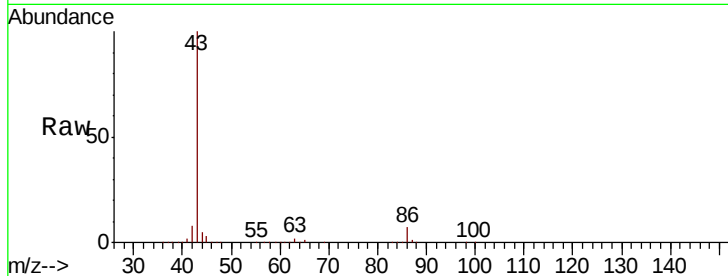
86 6.6 5.6 8.4

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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

4.82

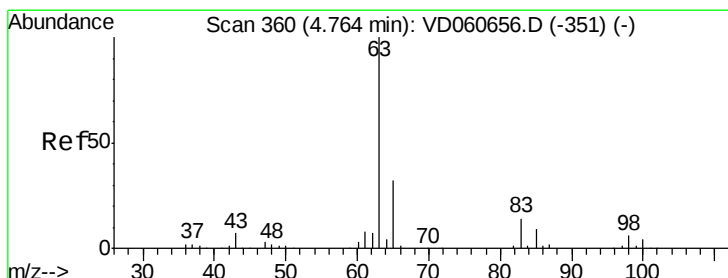
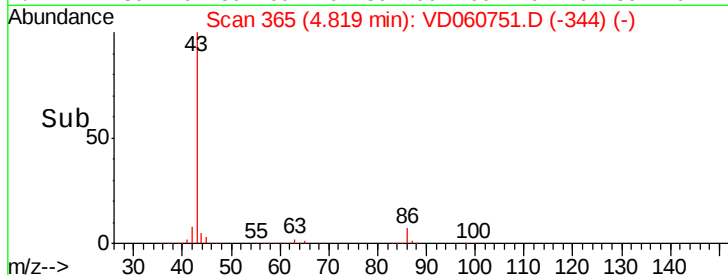
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.842 ug/l

RT: 4.77 min Scan# 360

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

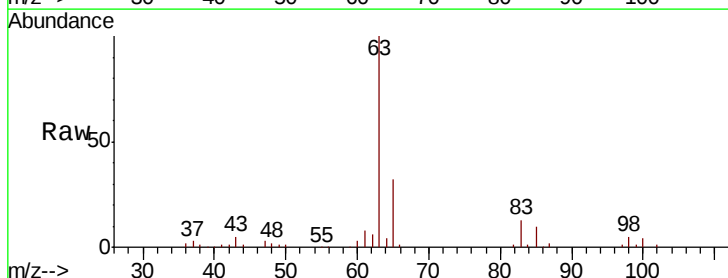
Tgt Ion: 63 Resp: 461445

Ion Ratio Lower Upper

63 100

98 5.4 2.9 8.7

100 3.6 2.0 5.8



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

4.77

200000

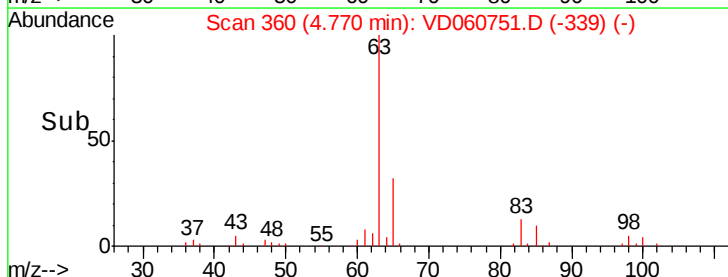
150000

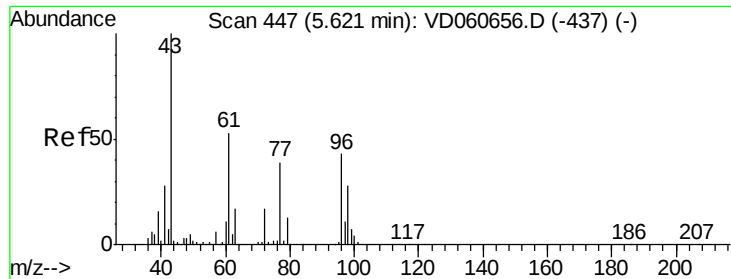
100000

50000

0

Time-->





#25

2-Butanone

Concen: 93.857 ug/l

RT: 5.64 min Scan# 448

Delta R.T. 0.02 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

ClientSampleId :

VD1228SBS01

Tot Ion: 43 Resp: 292672

Ion Ratio Lower Upper

43 100

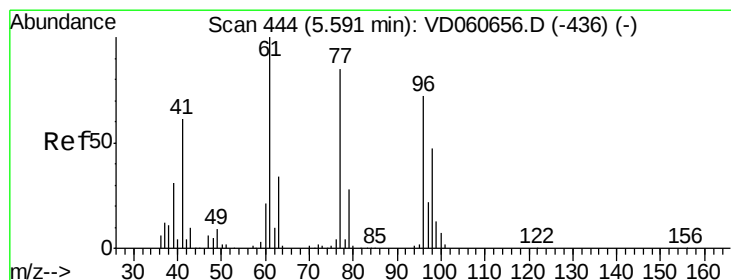
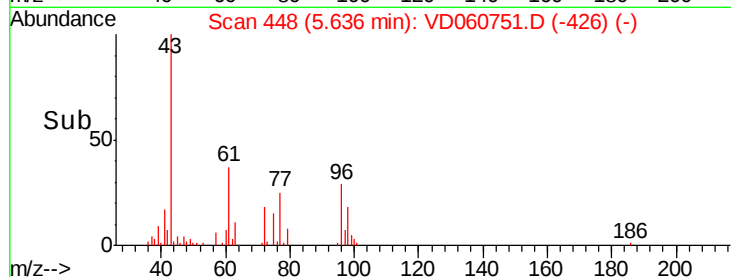
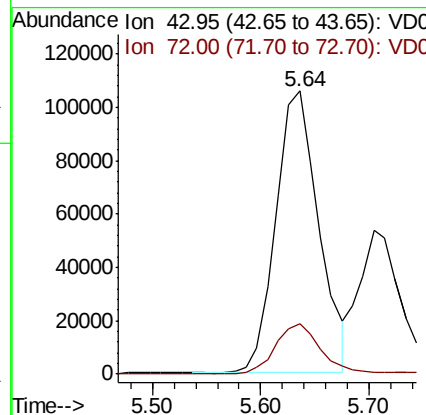
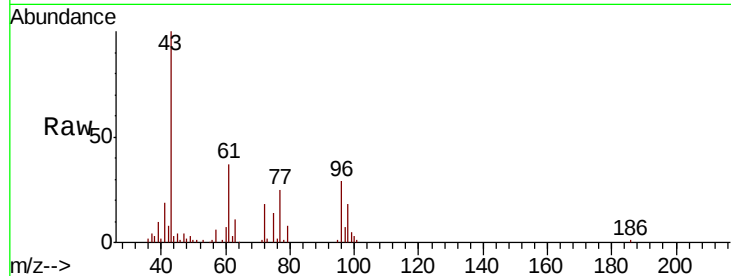
72 17.8 13.7 20.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.307 ug/l

RT: 5.60 min Scan# 444

Delta R.T. 0.01 min

Lab File: VD060751.D

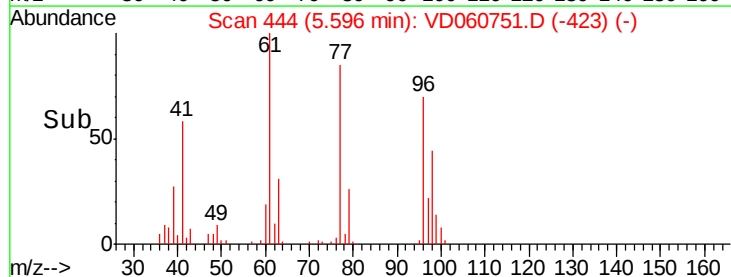
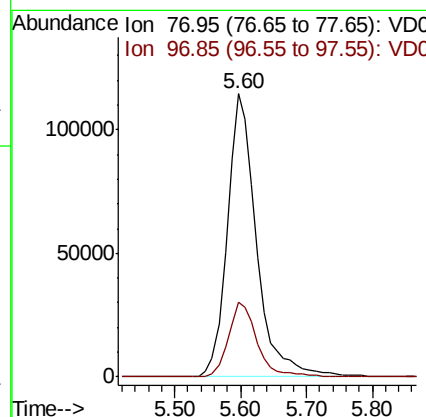
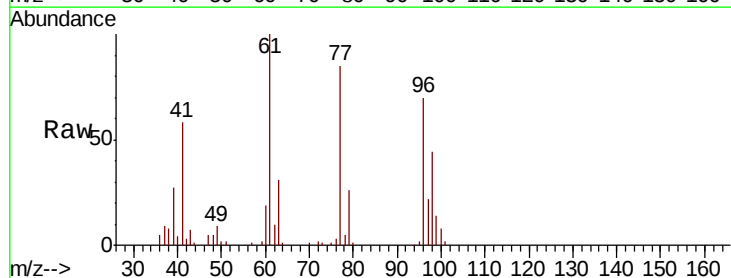
Acq: 28 Dec 2018 17:27

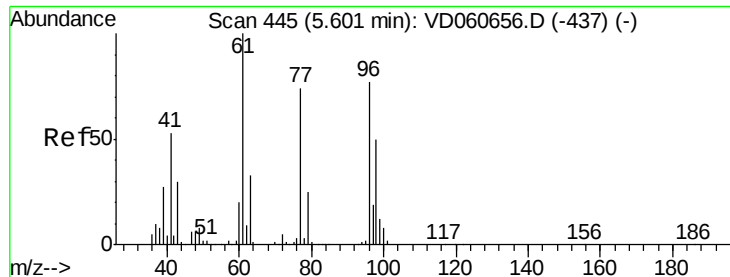
Tgt Ion: 77 Resp: 353894

Ion Ratio Lower Upper

77 100

97 26.2 13.0 39.0





#27

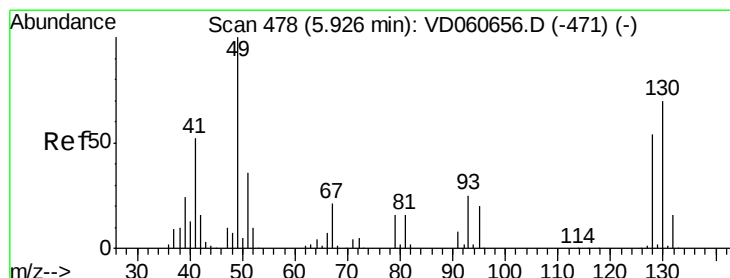
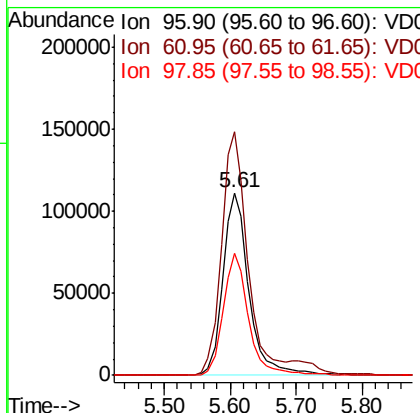
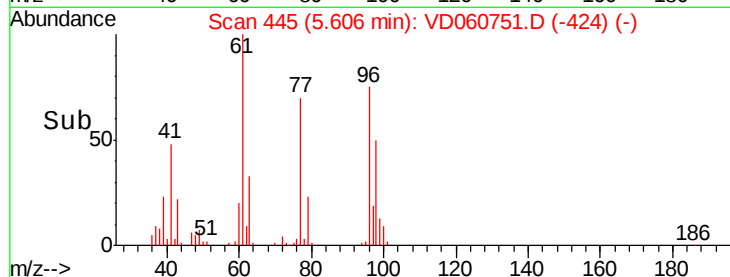
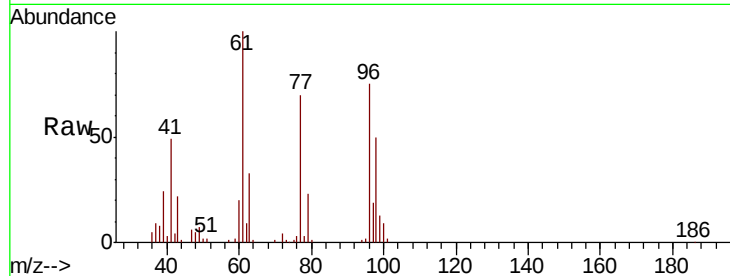
cis-1,2-Dichloroethene  
Concen: 19.684 ug/l  
RT: 5.61 min Scan# 445  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 305828 |       |       |
| 61      | 133.7 | 0.0    | 259.4 |       |
| 98      | 66.9  | 0.0    | 130.0 |       |

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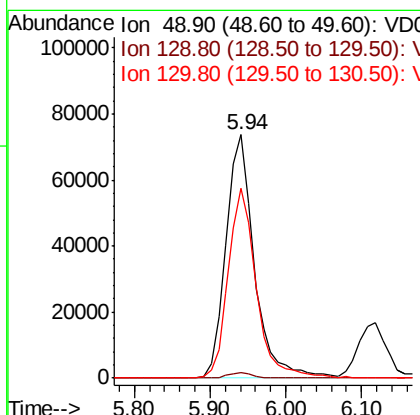
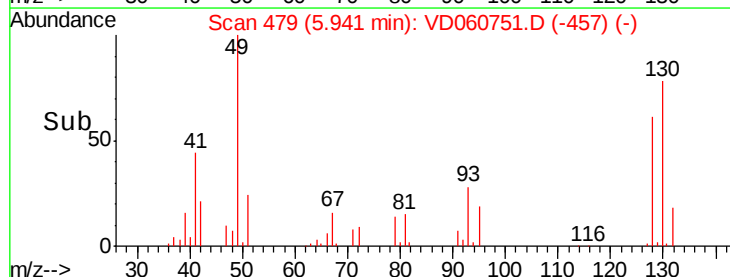
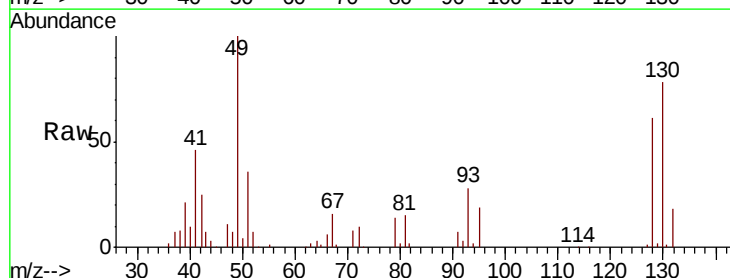
apatel  
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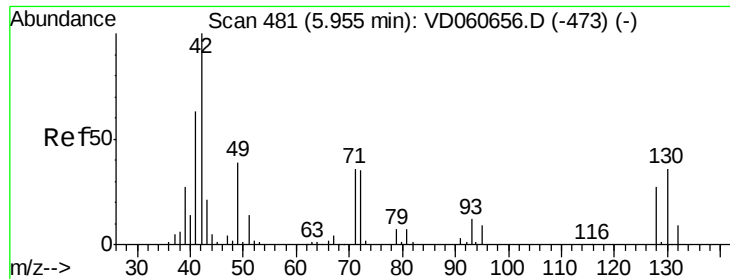


#28

Bromochloromethane  
Concen: 18.487 ug/l  
RT: 5.94 min Scan# 479  
Delta R.T. 0.02 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 191266 |       |       |
| 129     | 2.0   | 0.0    | 3.4   |       |
| 130     | 77.7  | 56.2   | 84.2  |       |





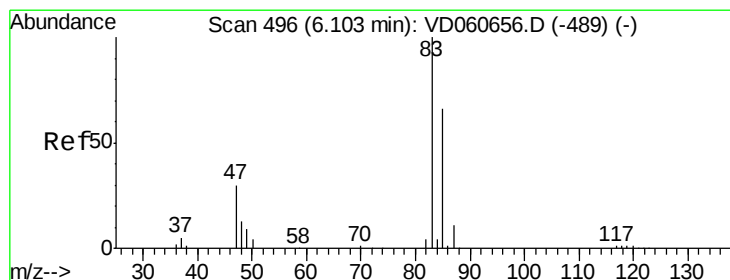
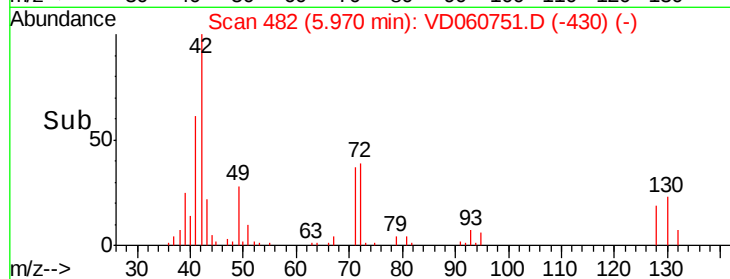
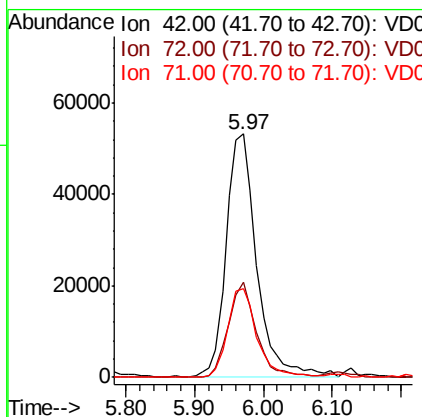
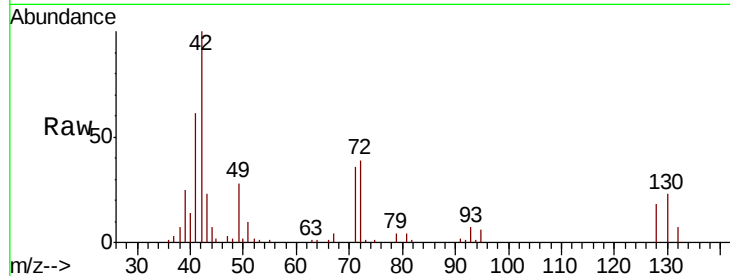
#29  
Tetrahydrofuran  
Concen: 92.938 ug/l  
RT: 5.97 min Scan# 482  
Delta R.T. 0.02 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 35.8  | 28.0  | 42.0  |
| 71      | 34.8  | 27.0  | 40.6  |

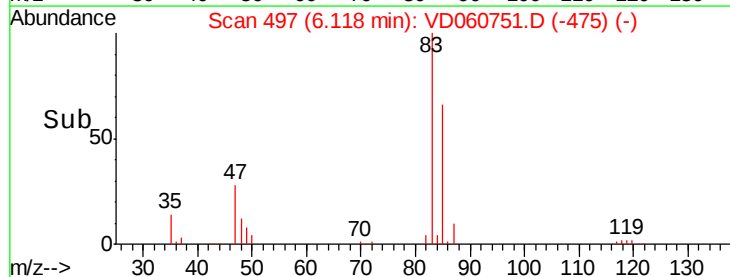
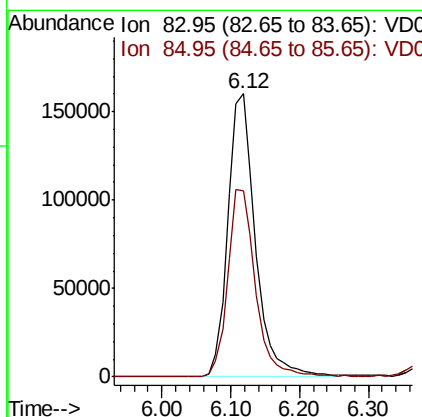
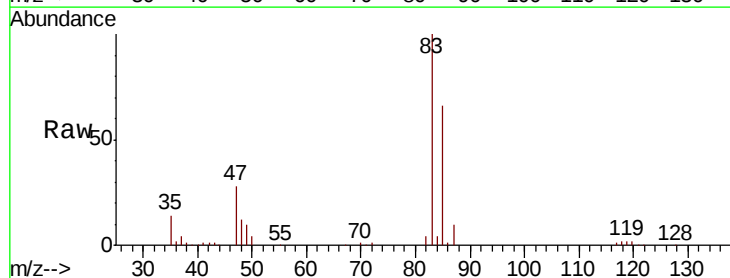
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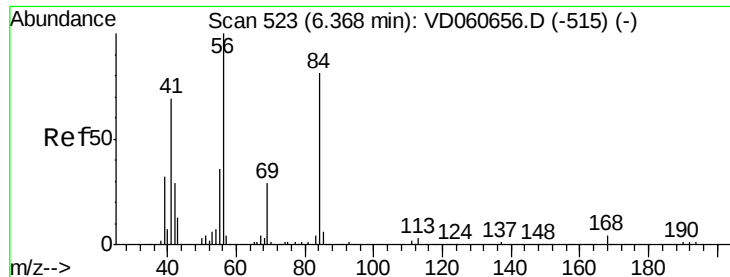
apatel  
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#30  
Chloroform  
Concen: 17.998 ug/l  
RT: 6.12 min Scan# 497  
Delta R.T. 0.02 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.6  | 53.0  | 79.6  |





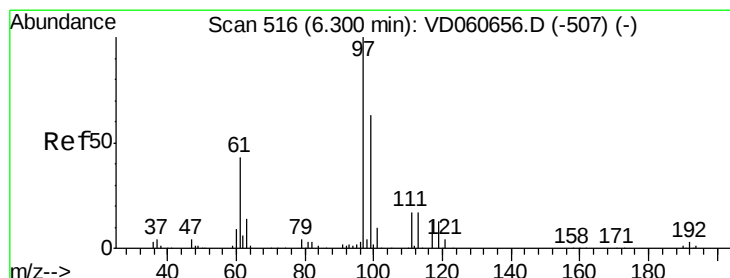
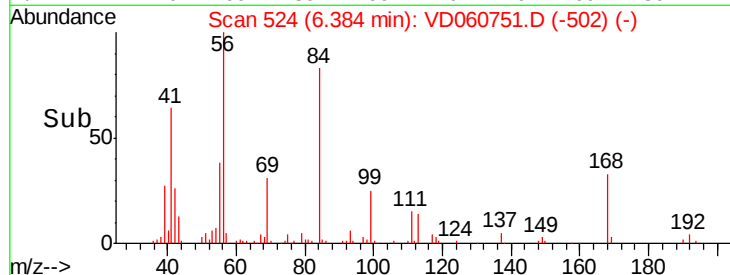
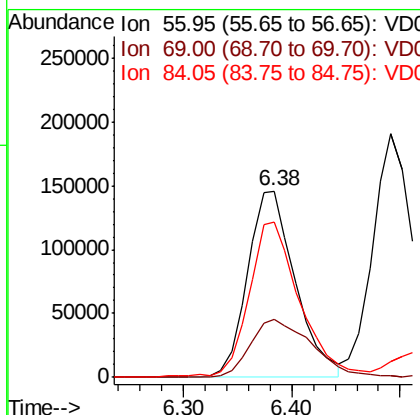
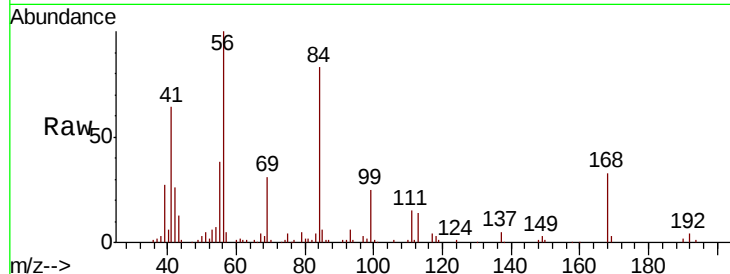
#31  
Cyclohexane  
Concen: 18.935 ug/l  
RT: 6.38 min Scan# 524  
Delta R.T. 0.02 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.0  | 23.6  | 35.4  |
| 84      | 83.2  | 65.8  | 98.6  |

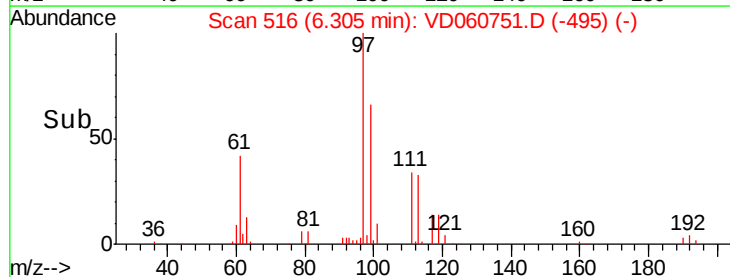
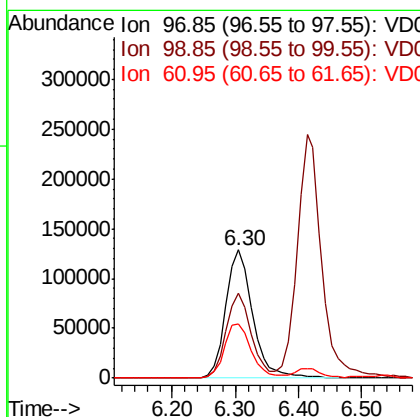
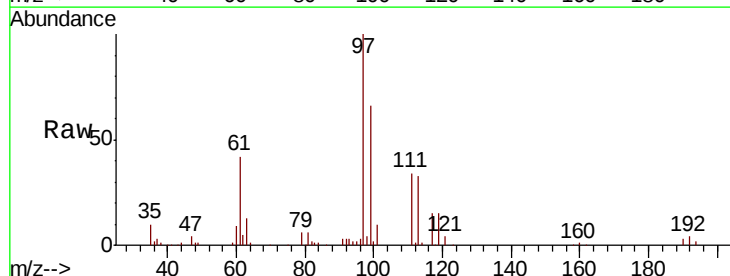
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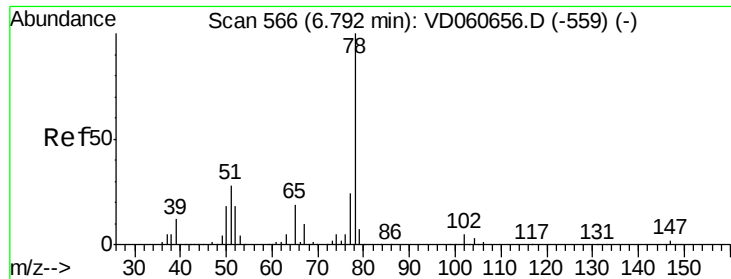
apatel  
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#32  
1,1,1-Trichloroethane  
Concen: 18.646 ug/l  
RT: 6.30 min Scan# 516  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 66.0  | 50.5  | 75.7  |
| 61      | 42.1  | 34.6  | 51.8  |





#33

1,2-Dichloroethane-d4

Concen: 18.646 ug/l

RT: 6.80 min Scan# 566

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

ClientSampleId :

VD1228SBS01

Tot Ion: 65 Resp: 503274

Ion Ratio Lower Upper

65 100

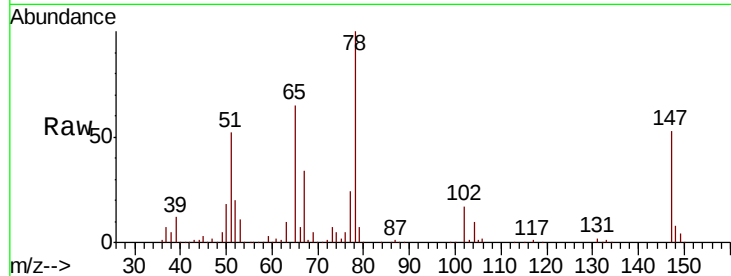
67 51.8 0.0 105.4

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Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.80

200000

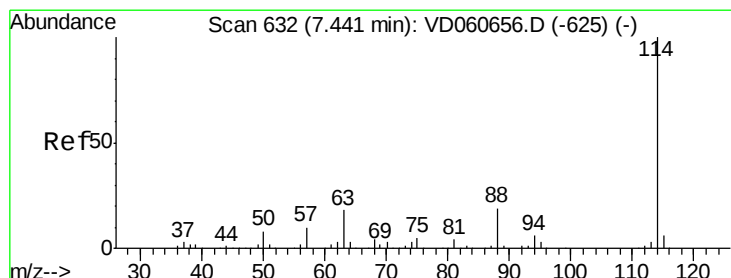
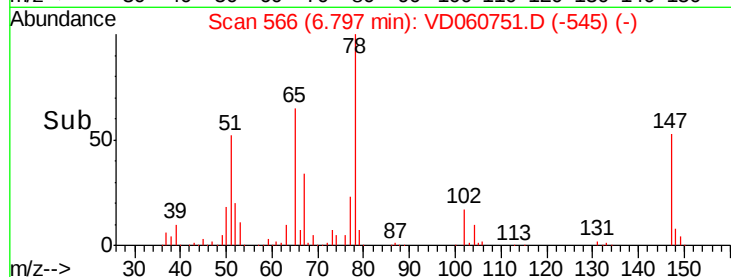
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.46 min Scan# 633

Delta R.T. 0.02 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

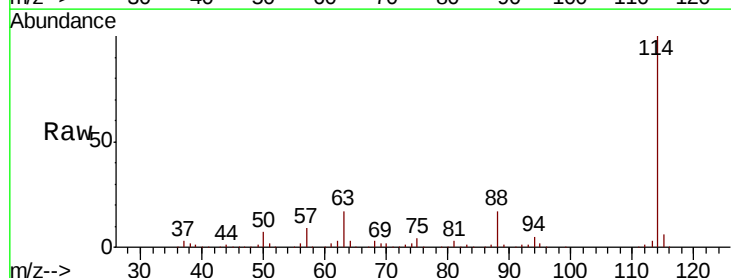
Tgt Ion: 114 Resp: 2007418

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.2

88 17.0 0.0 37.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

7.46

1000000

800000

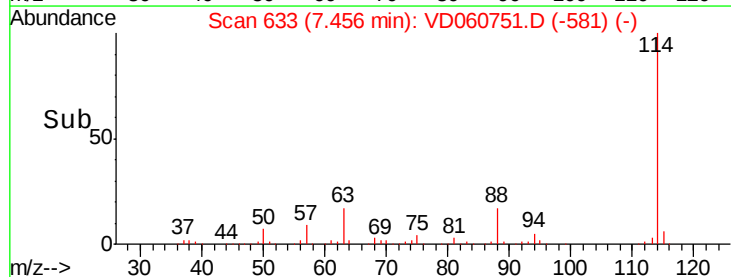
600000

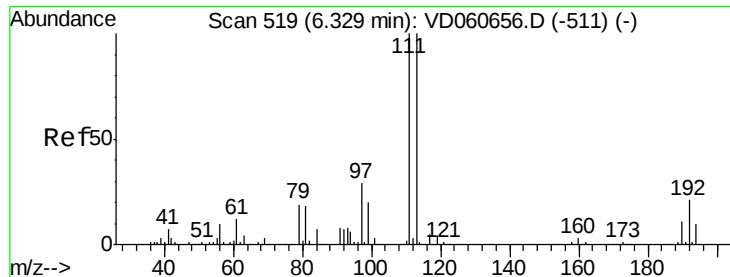
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.33 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

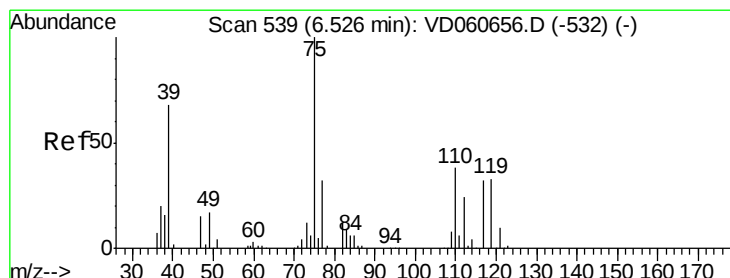
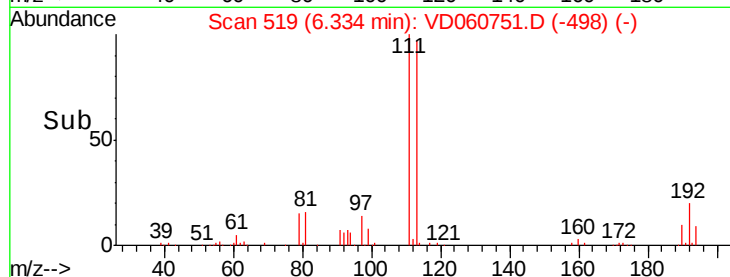
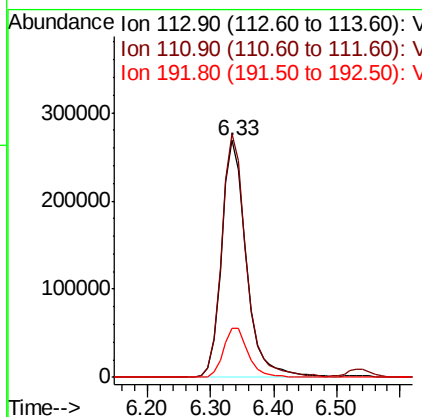
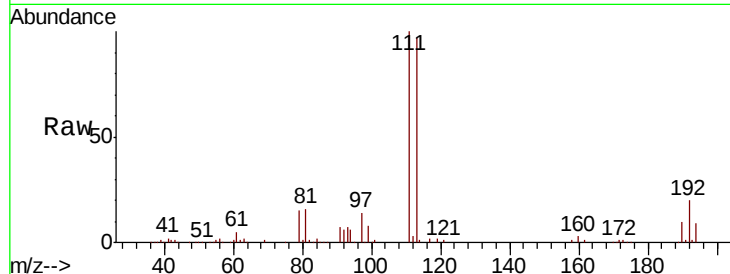
ClientSampleId :

VD1228SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 732046 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.9 | 80.0  | 120.0  |
| 192       | 20.6  | 16.6  | 25.0   |

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#36

1,1-Dichloropropene

Concen: 17.134 ug/l

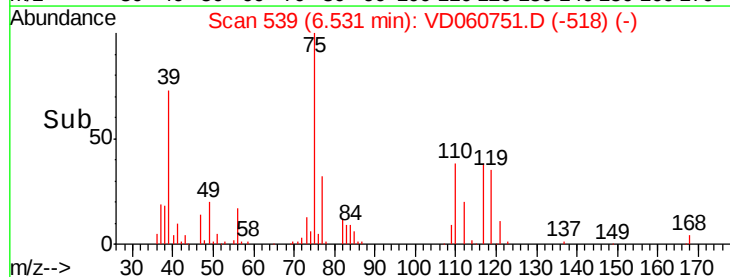
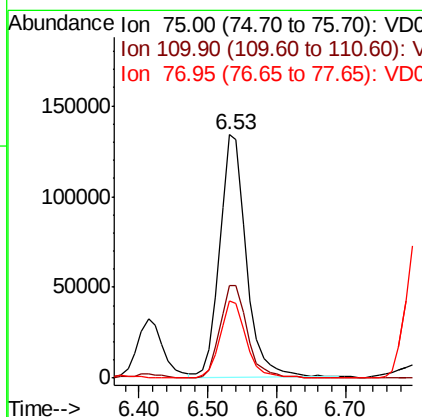
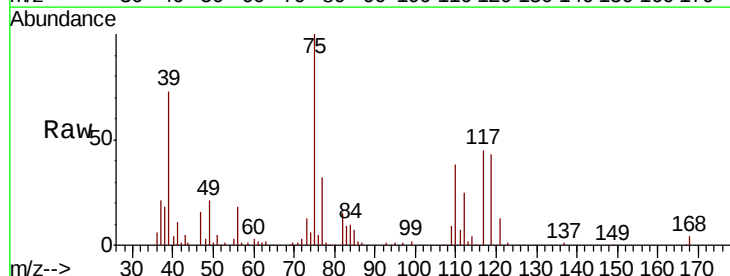
RT: 6.53 min Scan# 539

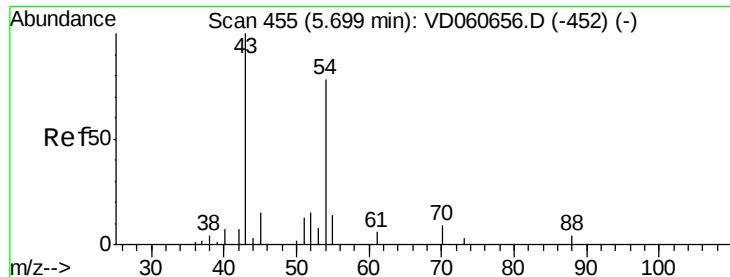
Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 354165 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 37.9  | 18.9  | 56.7   |
| 77        | 31.6  | 25.4  | 38.0   |





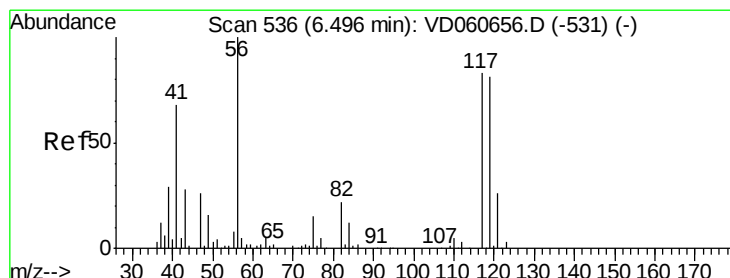
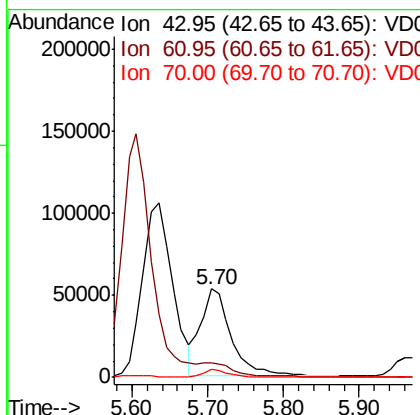
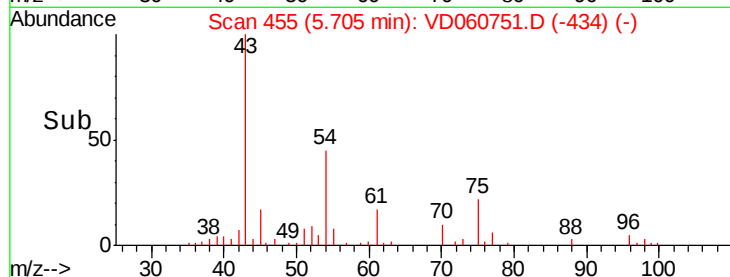
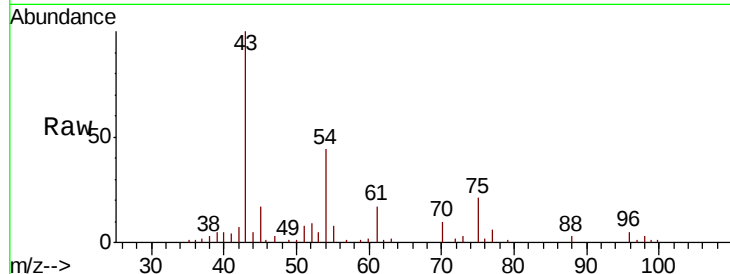
#37  
Ethyl Acetate  
Concen: 17.466 ug/l  
RT: 5.70 min Scan# 455  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleID :  
VD1228SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.9  | 11.8  | 17.6  |
| 70      | 9.8   | 5.8   | 8.6   |

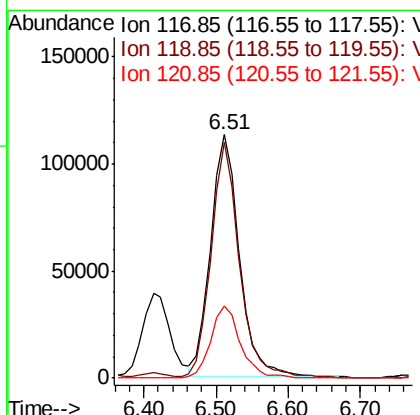
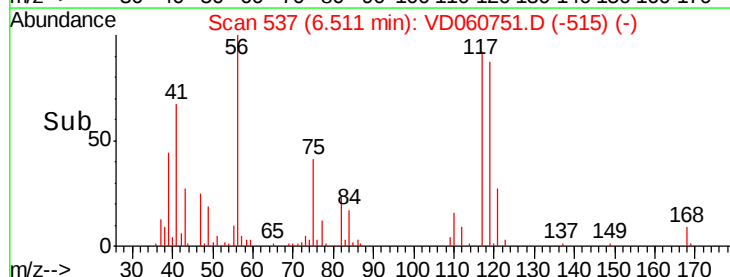
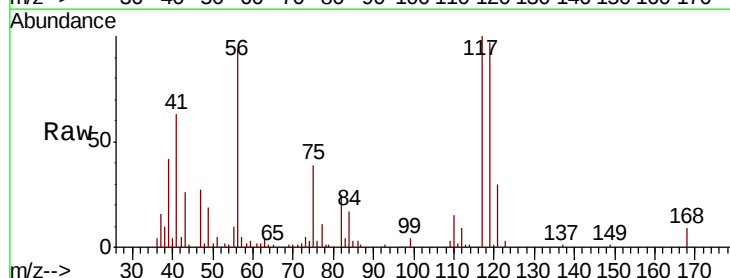
Manual Integrations  
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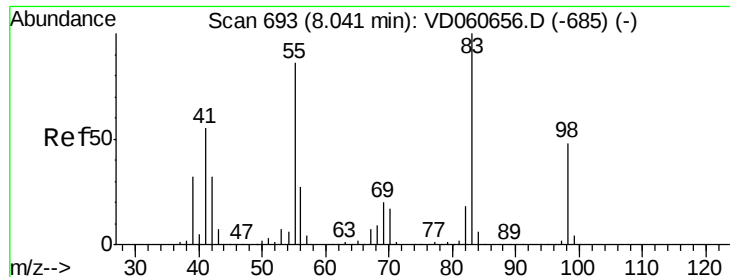
apatel  
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#38  
Carbon Tetrachloride  
Concen: 17.118 ug/l  
RT: 6.51 min Scan# 537  
Delta R.T. 0.02 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.1  | 77.0  | 115.4 |
| 121     | 29.8  | 24.7  | 37.1  |





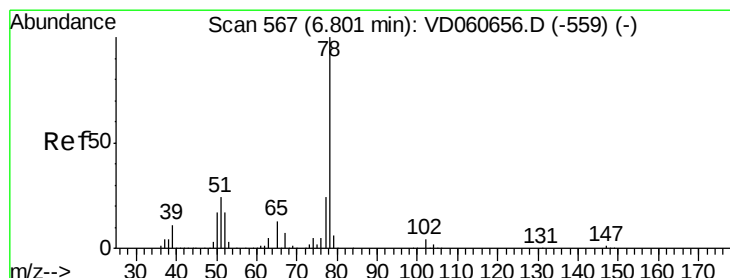
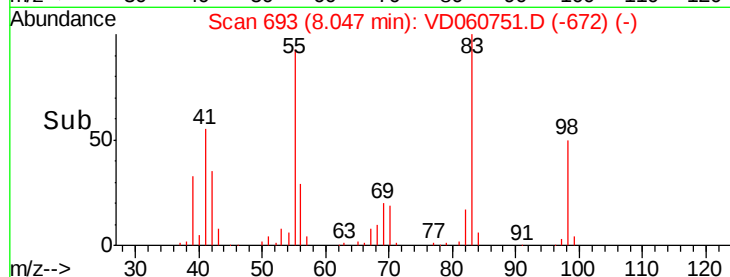
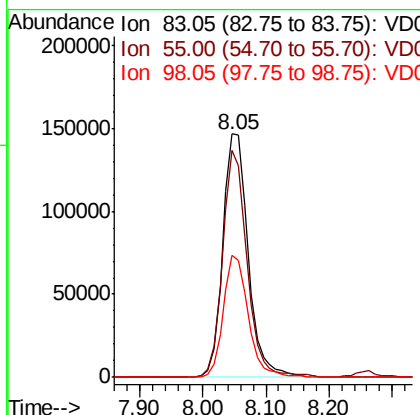
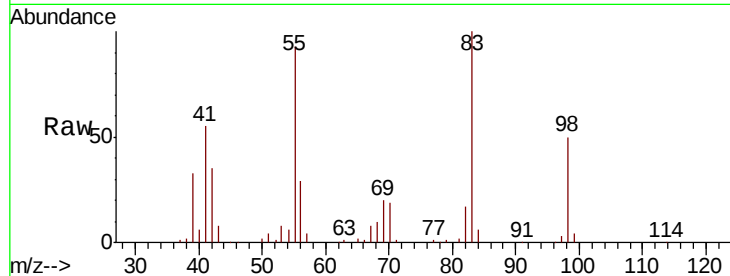
#39  
Methvlcvclohexane  
Concen: 17.370 ug/l  
RT: 8.05 min Scan# 693  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 93.0  | 68.6  | 102.8 |
| 98      | 50.4  | 38.1  | 57.1  |

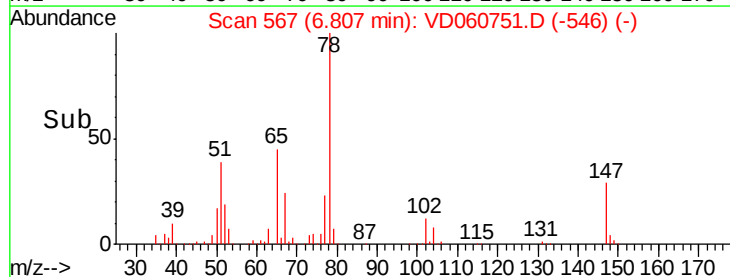
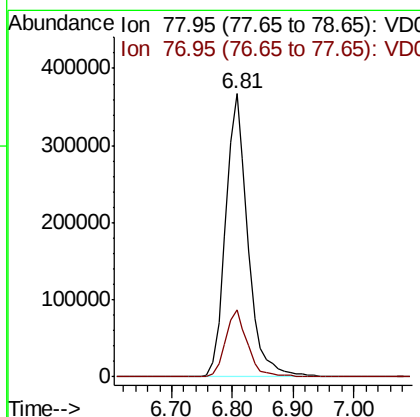
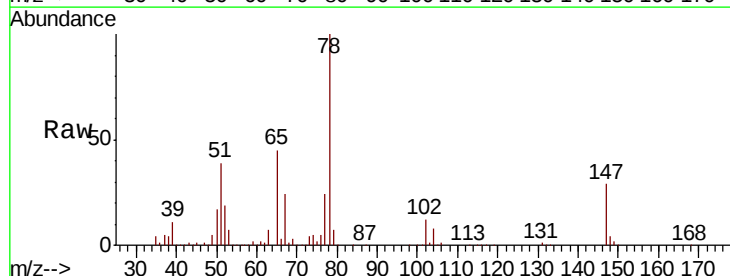
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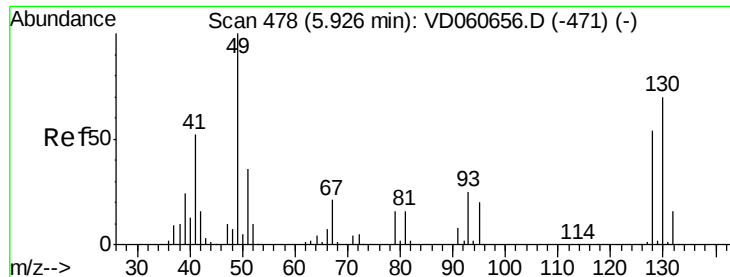
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#40  
Benzene  
Concen: 17.529 ug/l  
RT: 6.81 min Scan# 567  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.7  | 19.2  | 28.8  |





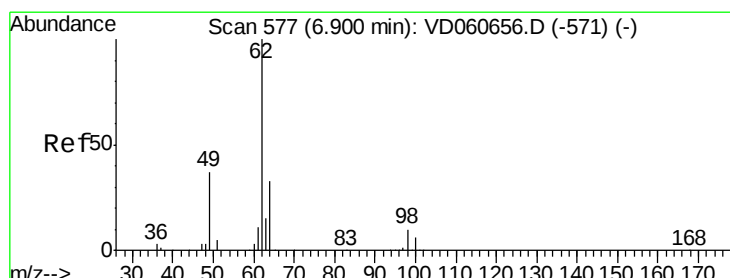
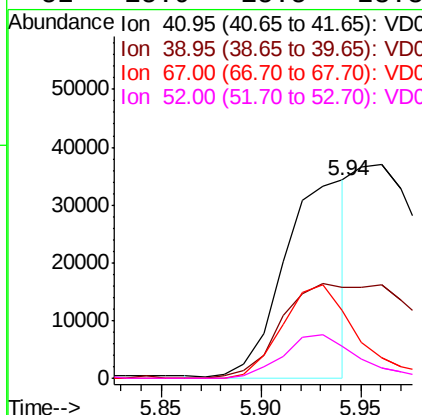
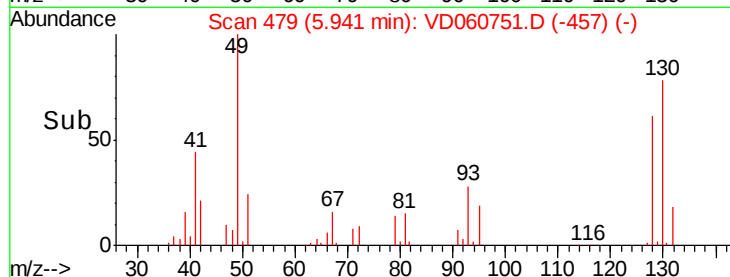
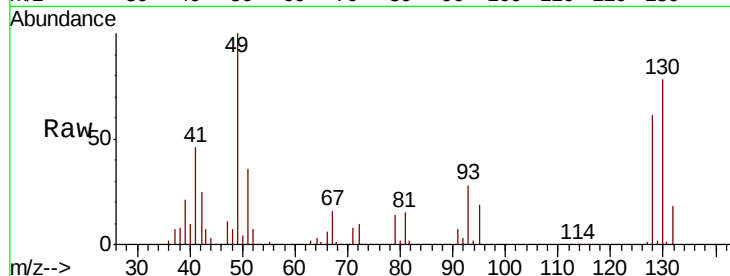
#41  
Methacrylonitrile  
Concen: 16.017 ug/l m  
RT: 5.94 min Scan# 479  
Delta R.T. 0.02 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 45.9  | 37.6  | 56.4  |
| 67      | 34.4  | 33.0  | 49.6  |
| 52      | 15.9  | 15.5  | 23.3  |

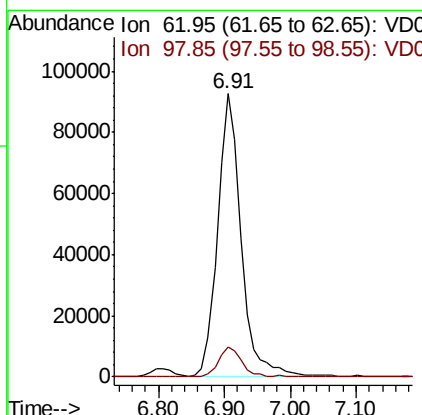
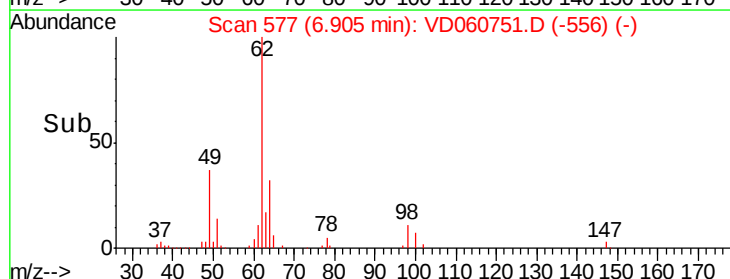
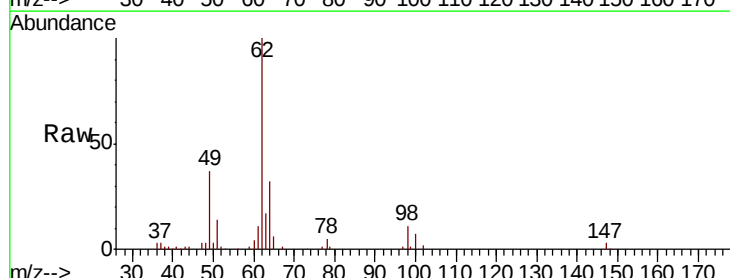
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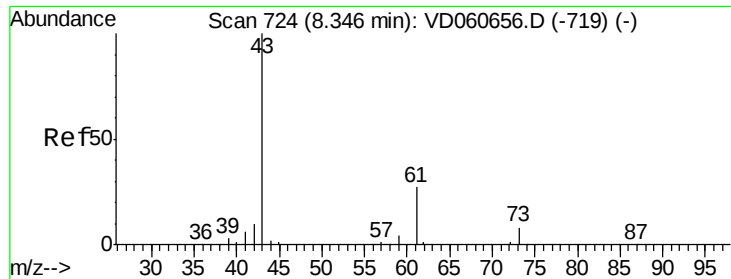
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#42  
1,2-Dichloroethane  
Concen: 17.376 ug/l  
RT: 6.91 min Scan# 577  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.7  | 0.0   | 20.4  |





#43

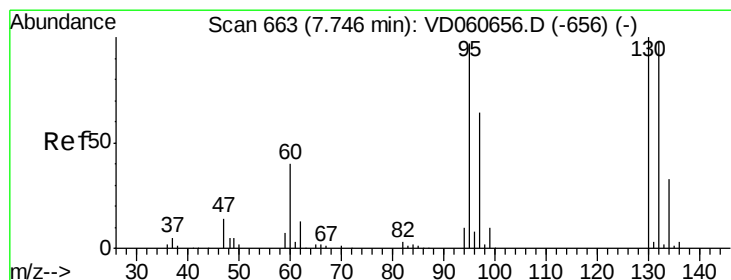
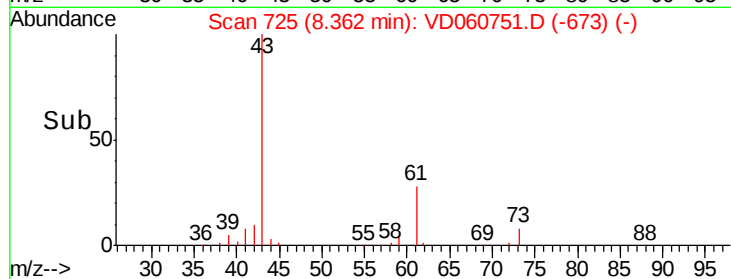
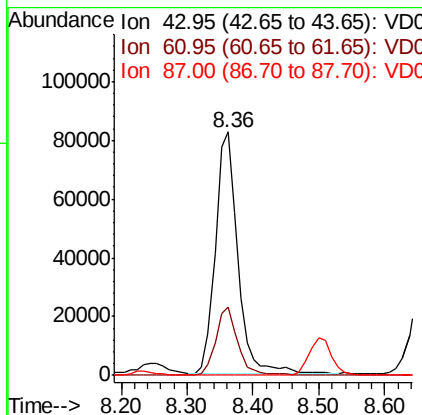
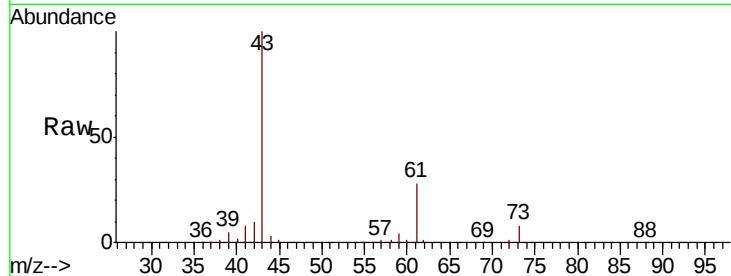
Isopropyl Acetate  
 Concen: 17.573 ug/l  
 RT: 8.36 min Scan# 725  
 Delta R.T. 0.02 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1228SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 28.3  | 21.8  | 32.8  |
| 87      | 0.0   | 0.2   | 0.4   |

Manual Integrations  
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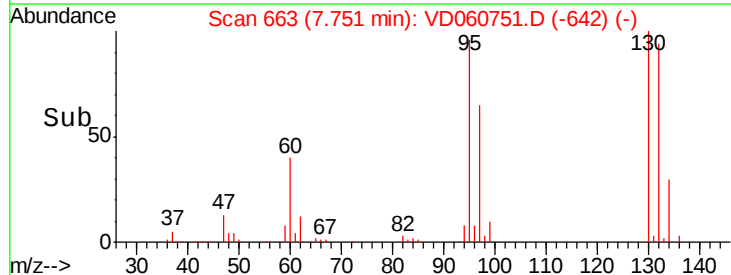
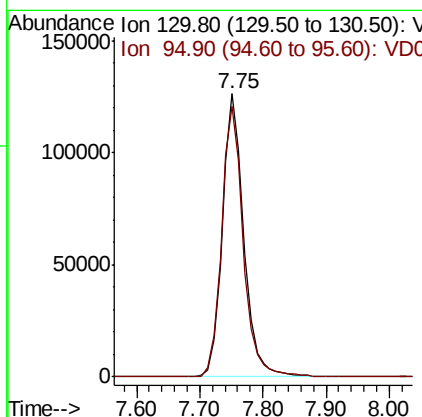
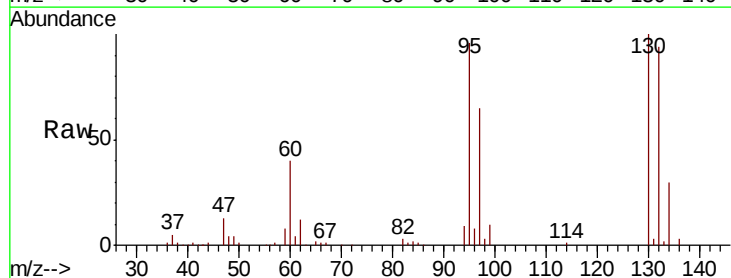
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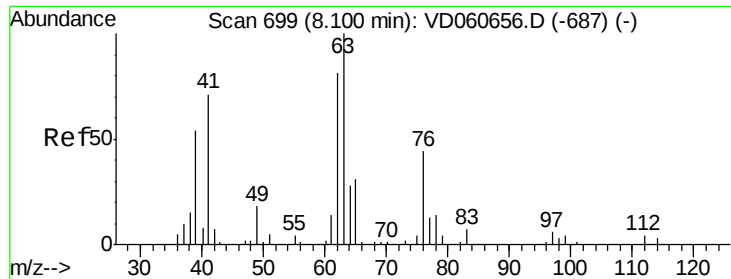


#44

Trichloroethene  
 Concen: 18.740 ug/l  
 RT: 7.75 min Scan# 663  
 Delta R.T. 0.01 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 95.6  | 0.0   | 193.6 |





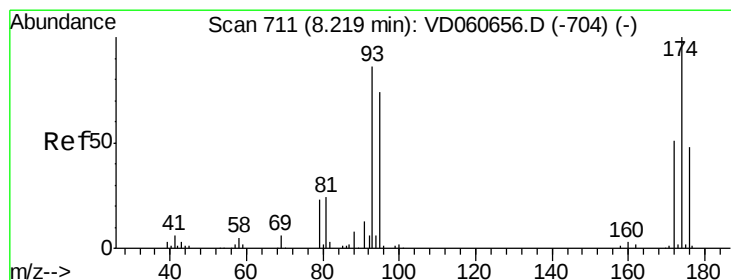
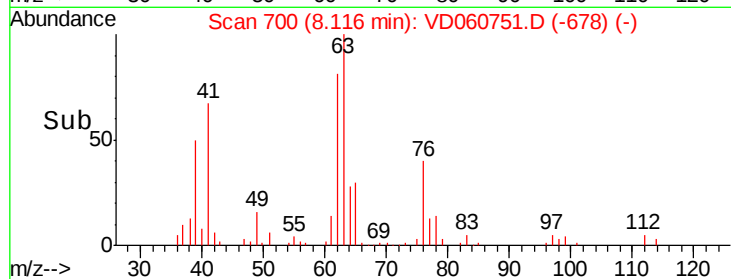
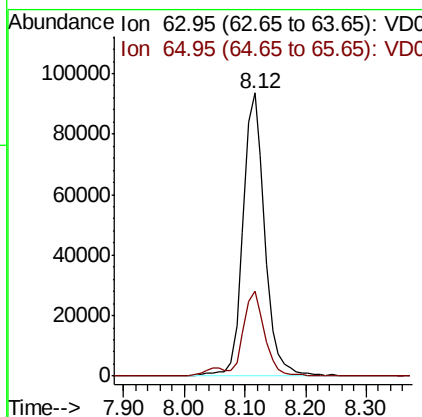
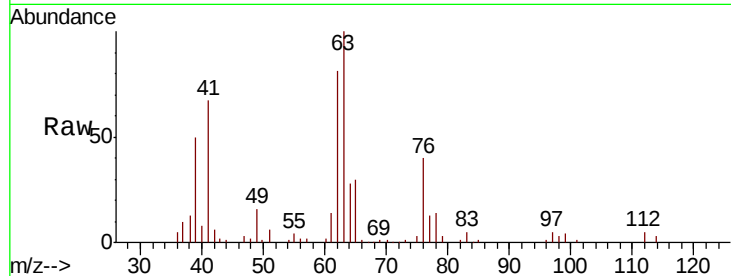
#45  
 1,2-Dichloropropane  
 Concen: 17.838 ug/l  
 RT: 8.12 min Scan# 700  
 Delta R.T. 0.02 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD1228SBS01

Tot Ion: 63 Resp: 233580  
 Ion Ratio Lower Upper  
 63 100  
 65 30.1 25.0 37.6

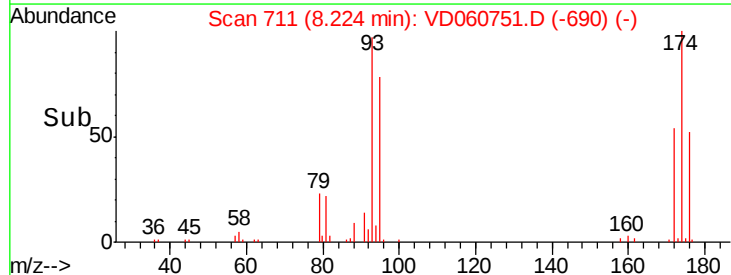
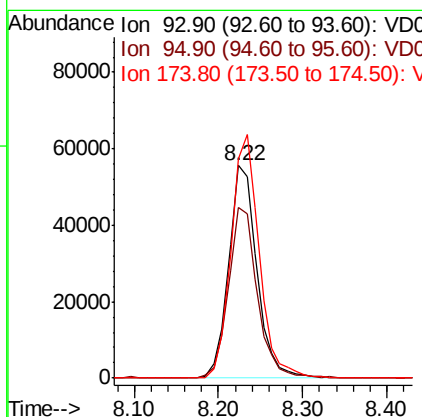
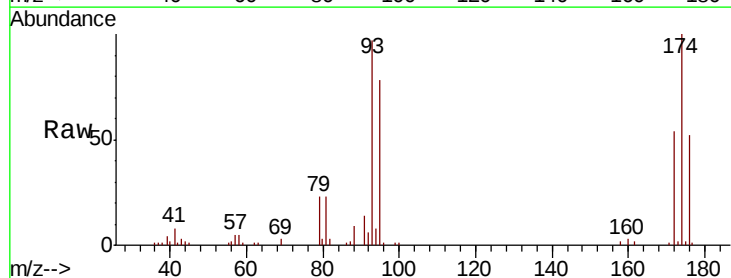
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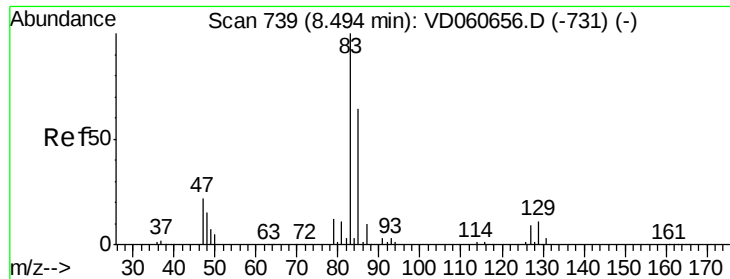
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#46  
 Dibromomethane  
 Concen: 17.392 ug/l  
 RT: 8.22 min Scan# 711  
 Delta R.T. 0.01 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

Tgt Ion: 93 Resp: 129978  
 Ion Ratio Lower Upper  
 93 100  
 95 80.1 68.8 103.2  
 174 102.9 93.0 139.4





#47

Bromodichloromethane

Concen: 16.192 ug/l

RT: 8.50 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

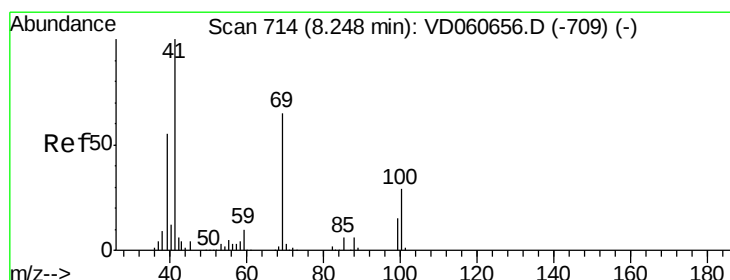
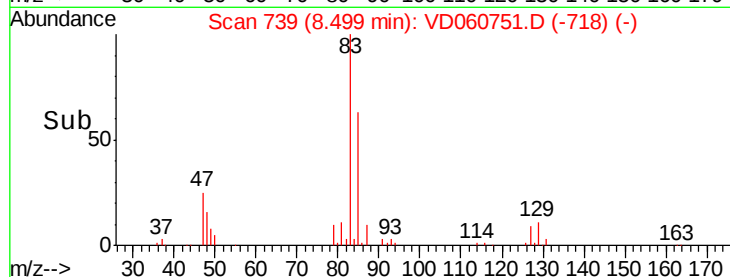
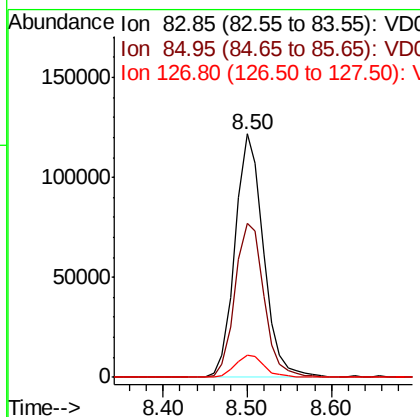
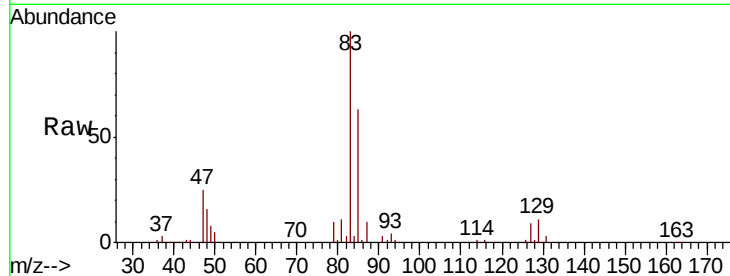
ClientSampleId :

VD1228SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 286612 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.4  | 51.1  | 76.7   |
| 127       | 9.0   | 7.0   | 10.6   |

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#48

Methyl methacrylate

Concen: 18.031 ug/l

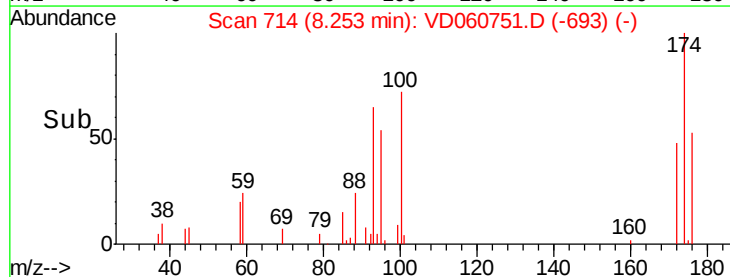
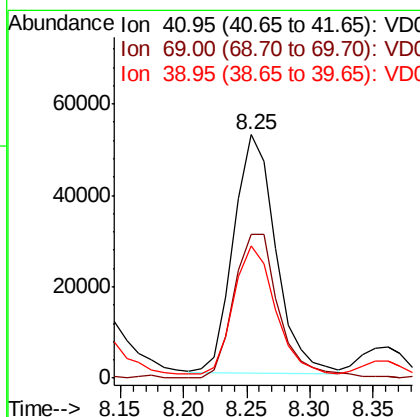
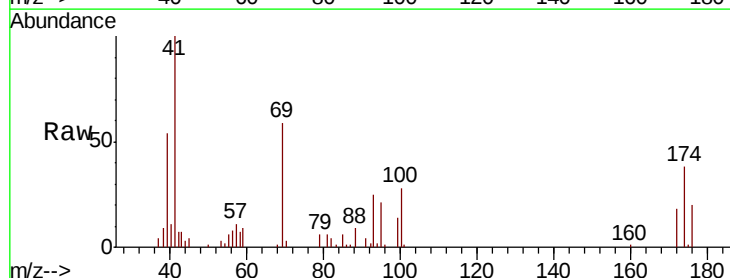
RT: 8.25 min Scan# 714

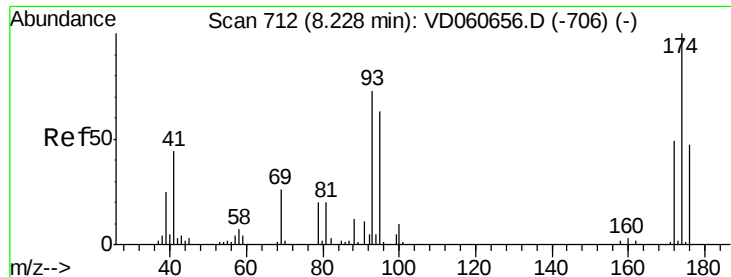
Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 121497 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 58.8  | 51.2  | 76.8   |
| 39        | 54.3  | 44.6  | 67.0   |





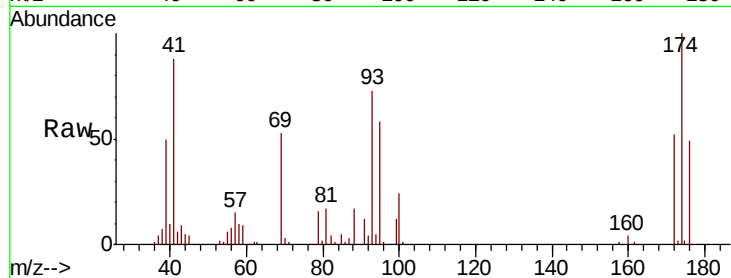
#49  
1,4-Dioxane  
Concen: 374.935 ug/l  
RT: 8.24 min Scan# 713  
Delta R.T. 0.02 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

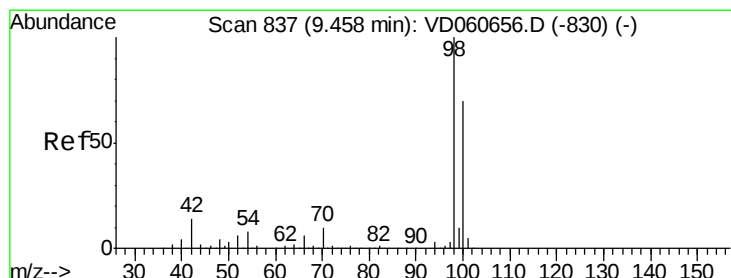
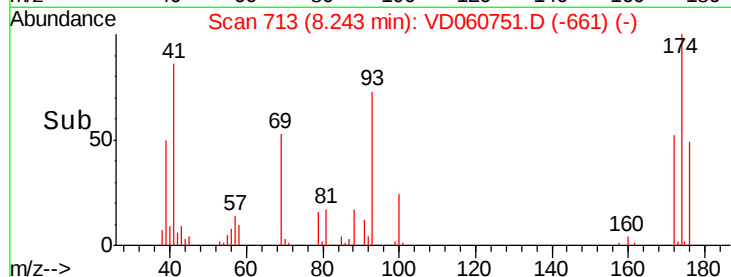
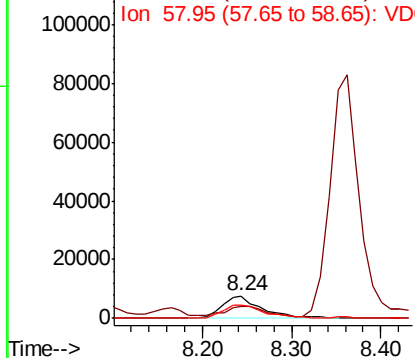
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 53.7  | 31.5  | 47.3  |
| 58      | 55.7  | 50.6  | 76.0  |

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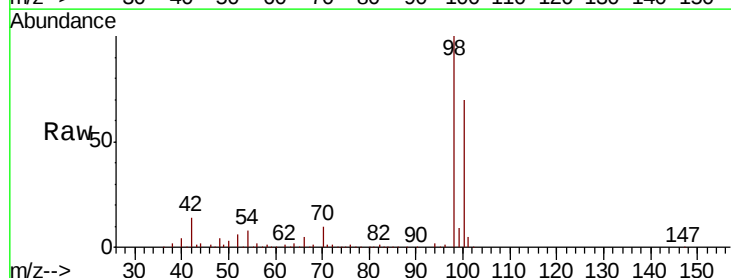


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

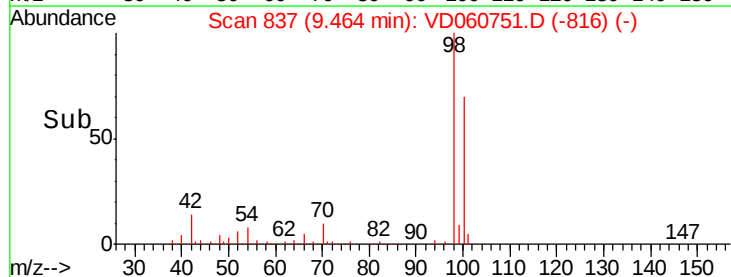
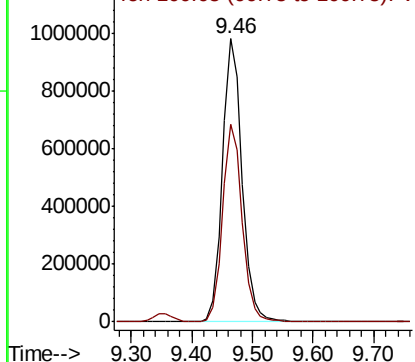


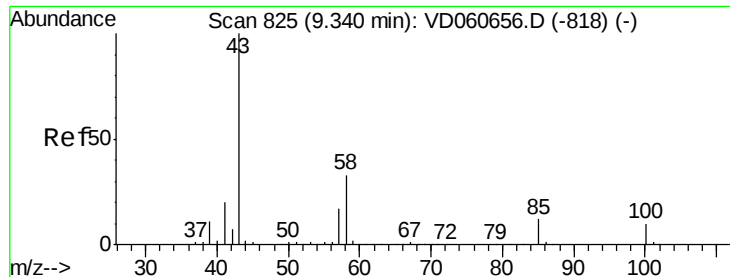
#50  
Toluene-d8  
Concen: 374.935 ug/l  
RT: 9.46 min Scan# 837  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 69.9  | 55.8  | 83.8  |



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





#51

4-Methyl-2-Pentanone

Concen: 89.061 ug/l

RT: 9.36 min Scan# 826

Delta R.T. 0.02 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

ClientSampleId :

VD1228SBS01

Tot Ion: 43 Resp: 605350

Ion Ratio Lower Upper

43 100

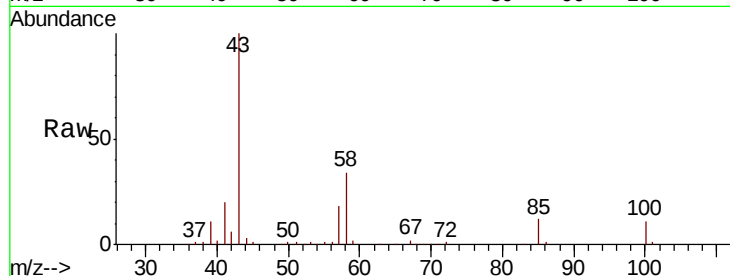
58 34.1 26.3 39.5

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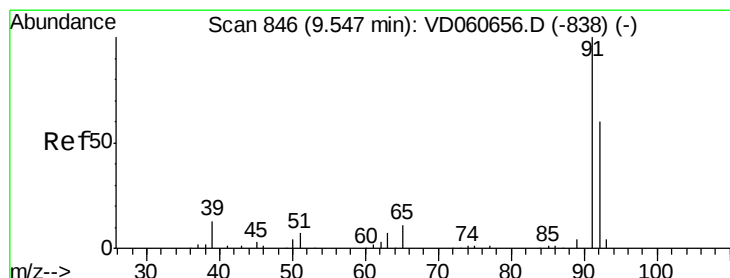
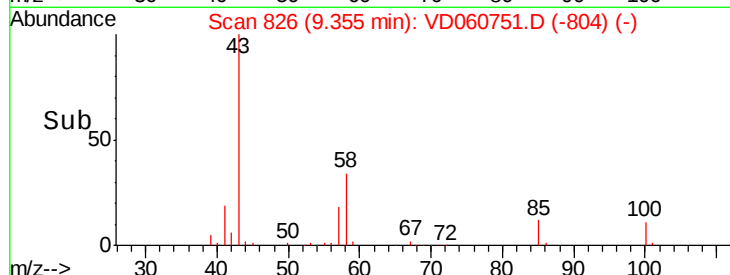
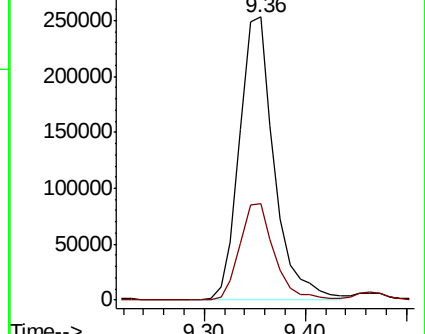
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Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 17.569 ug/l

RT: 9.56 min Scan# 847

Delta R.T. 0.02 min

Lab File: VD060751.D

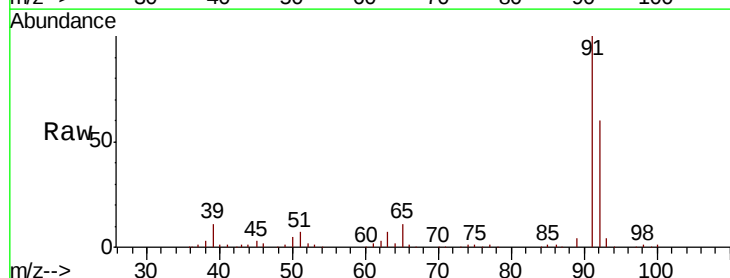
Acq: 28 Dec 2018 17:27

Tgt Ion: 92 Resp: 588079

Ion Ratio Lower Upper

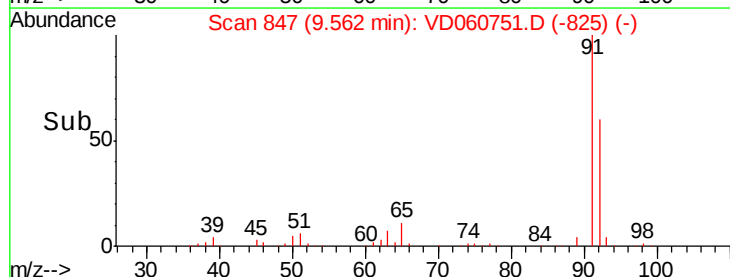
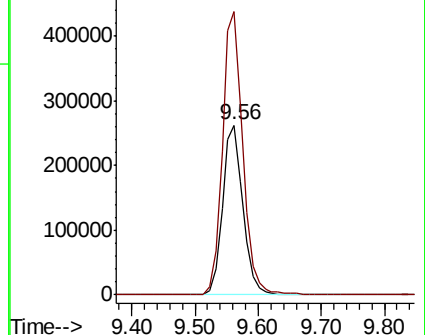
92 100

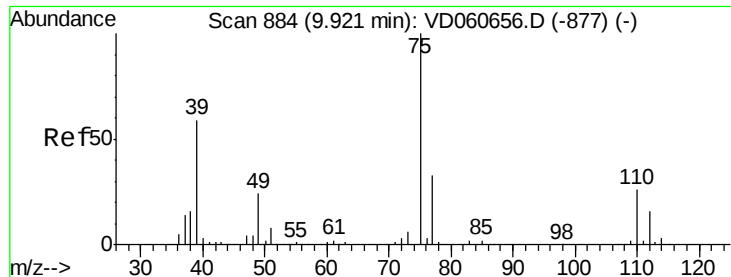
91 166.7 132.6 199.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





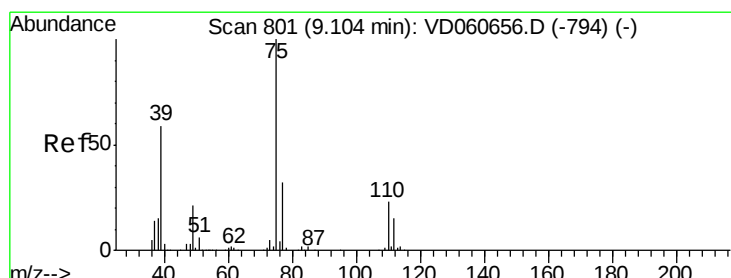
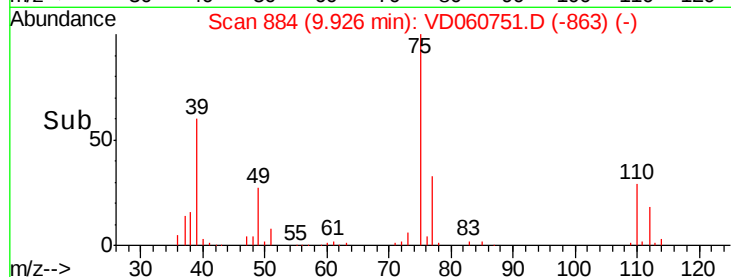
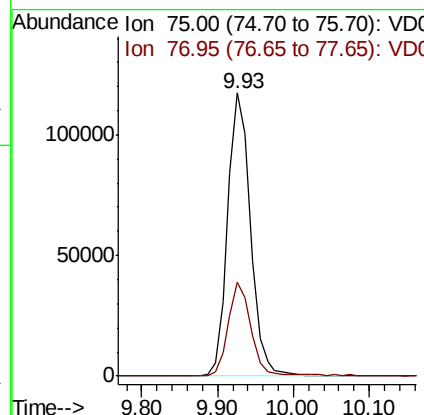
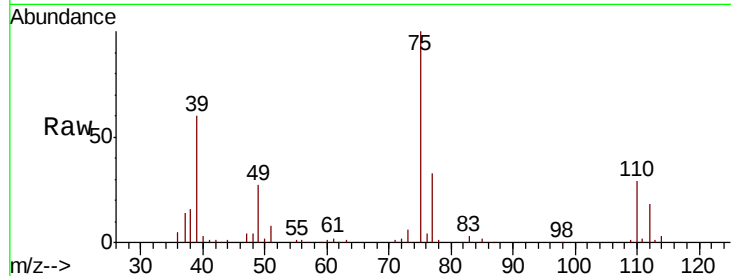
#53  
t-1,3-Dichloropropene  
Concen: 16.582 ug/l  
RT: 9.93 min Scan# 884  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBSD01

Tot Ion: 75 Resp: 244871  
Ion Ratio Lower Upper  
75 100  
77 33.1 26.0 39.0

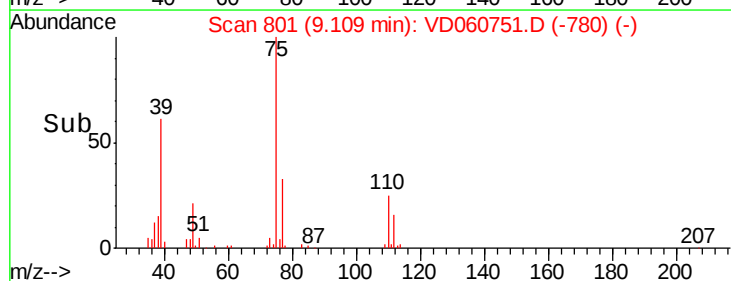
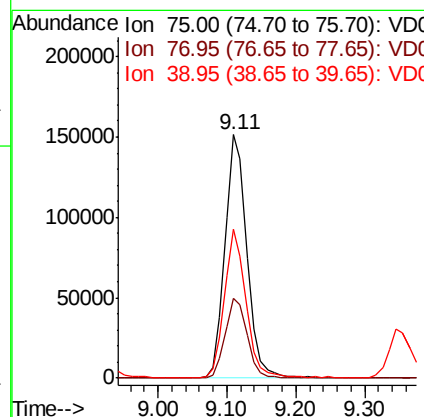
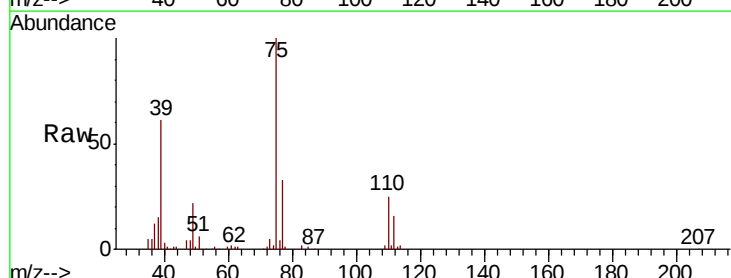
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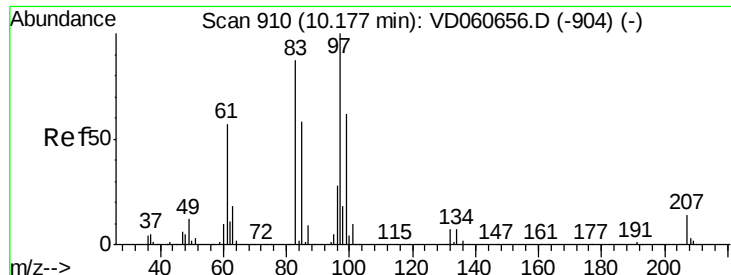
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#54  
cis-1,3-Dichloropropene  
Concen: 17.205 ug/l  
RT: 9.11 min Scan# 801  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Tgt Ion: 75 Resp: 332554  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.4 38.2  
39 61.3 47.0 70.4





#55

1,1,2-Trichloroethane

Concen: 18.817 ug/l

RT: 10.19 min Scan# 911

Delta R.T. 0.02 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

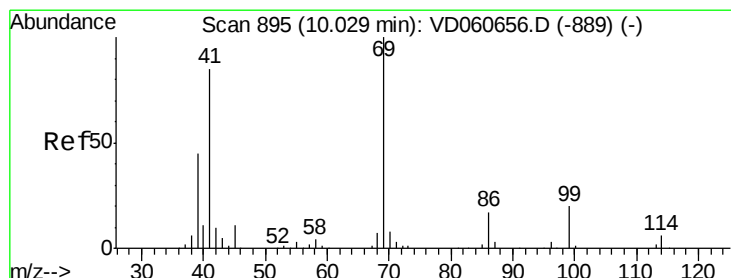
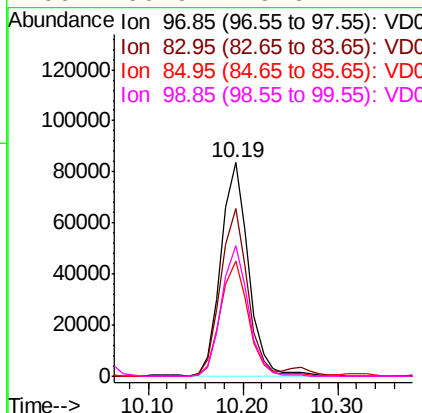
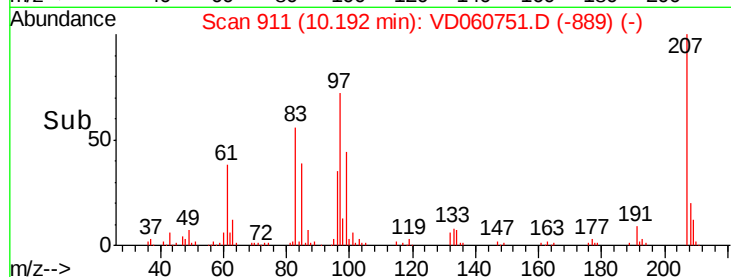
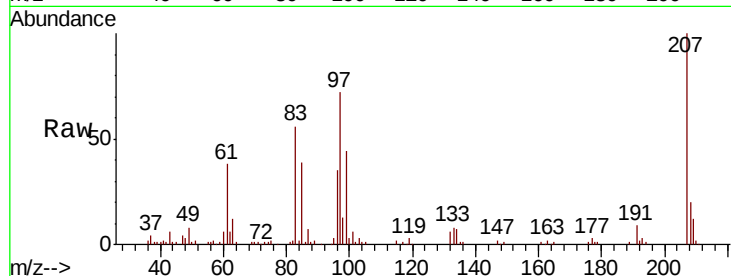
ClientSampleId :

VD1228SBS01

| Tot Ion   | 97    | Resp  | 169467 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 78.4  | 70.0  | 105.0  |
| 85        | 53.9  | 46.6  | 70.0   |
| 99        | 60.9  | 49.6  | 74.4   |

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#56

Ethyl methacrylate

Concen: 18.004 ug/l

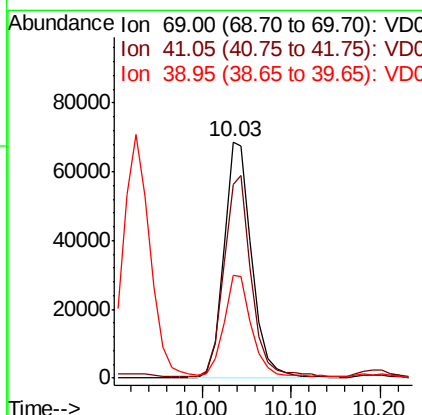
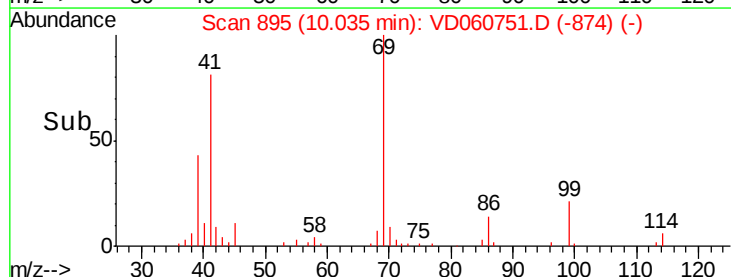
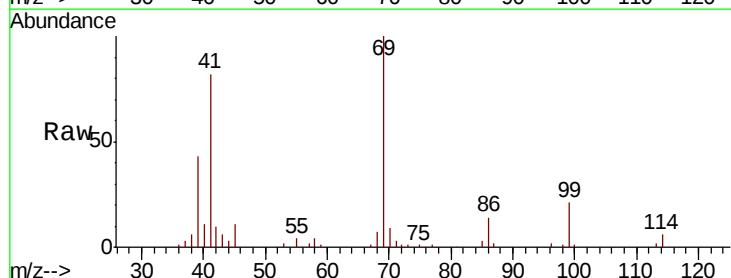
RT: 10.03 min Scan# 895

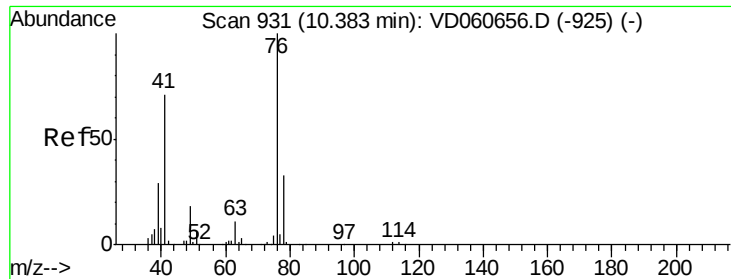
Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

| Tgt Ion   | 69    | Resp  | 150603 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 82.2  | 68.3  | 102.5  |
| 39        | 43.4  | 37.2  | 55.8   |





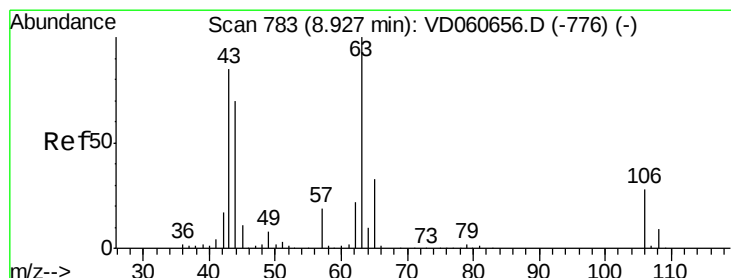
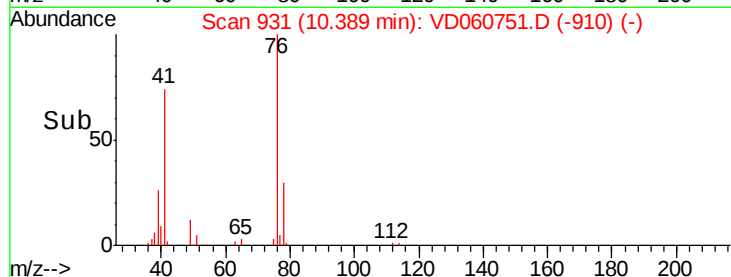
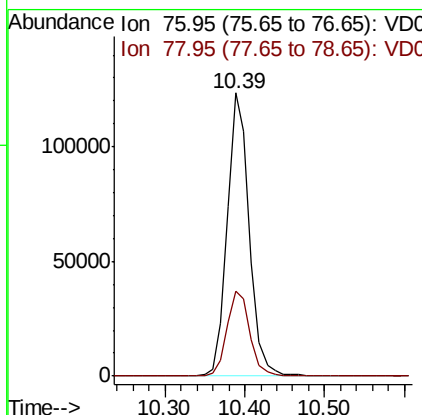
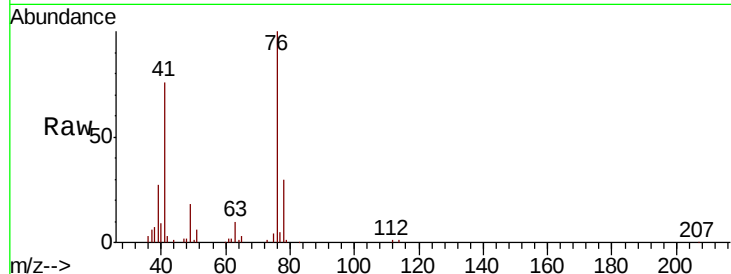
#57  
 1,3-Dichloropropane  
 Concen: 16.732 ug/l  
 RT: 10.39 min Scan# 931  
 Delta R.T. 0.01 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1228SBSD01

Tot Ion: 76 Resp: 238857  
 Ion Ratio Lower Upper  
 76 100  
 78 30.0 26.1 39.1

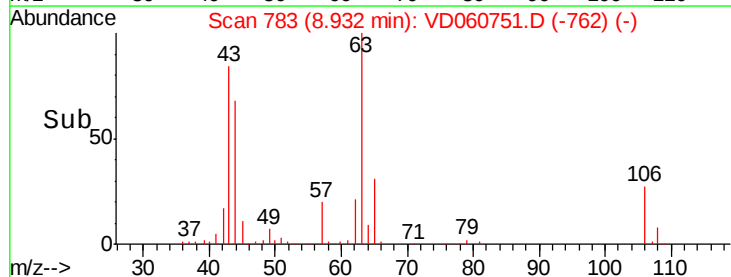
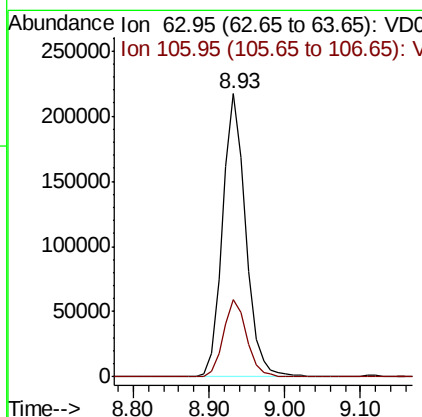
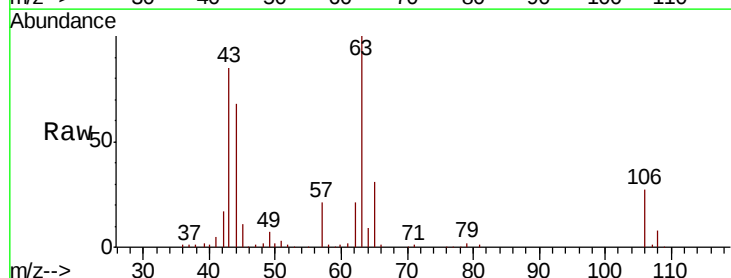
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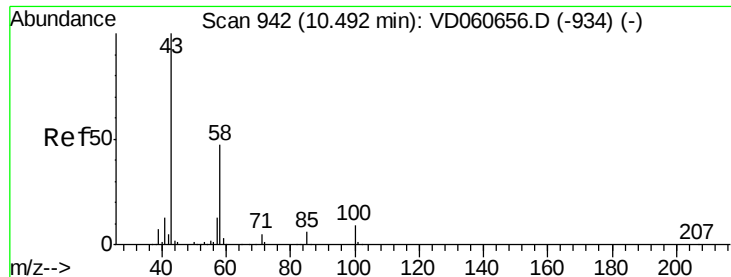
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 93.517 ug/l  
 RT: 8.93 min Scan# 783  
 Delta R.T. 0.01 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

Tgt Ion: 63 Resp: 460938  
 Ion Ratio Lower Upper  
 63 100  
 106 27.5 22.4 33.6





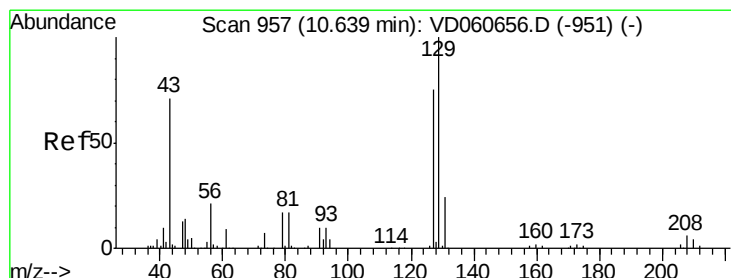
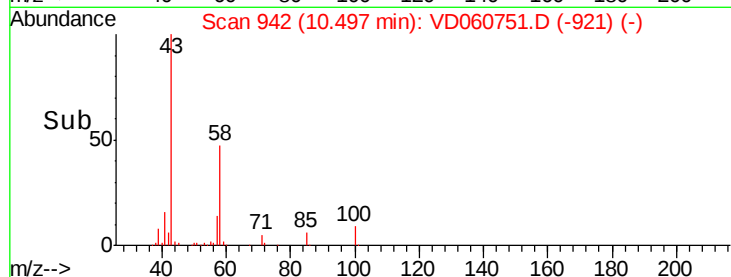
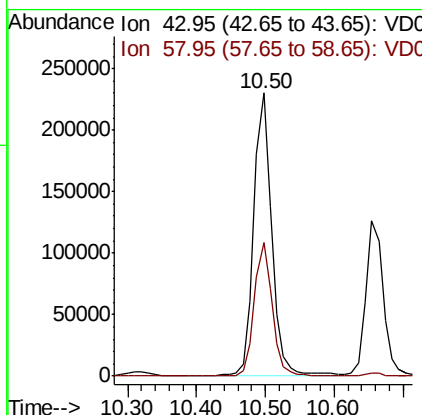
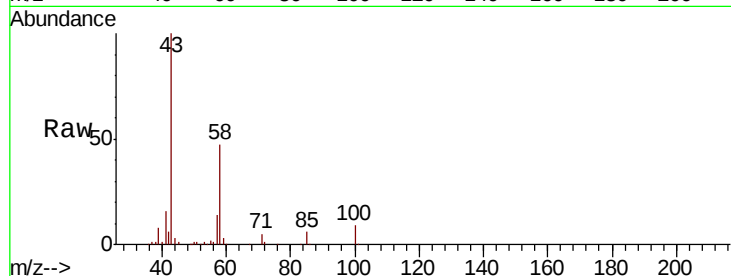
#59  
2-Hexanone  
Concen: 88.941 ug/l  
RT: 10.50 min Scan# 942  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBSD01

Tot Ion: 43 Resp: 423152  
Ion Ratio Lower Upper  
43 100  
58 47.2 23.5 70.5

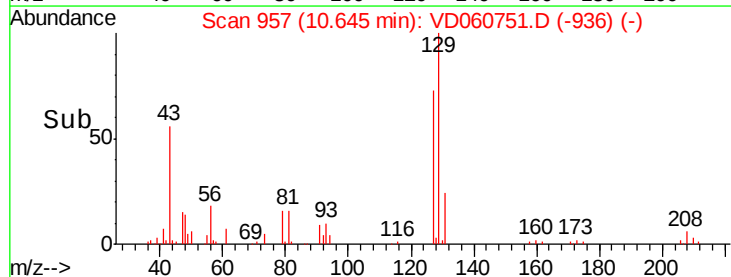
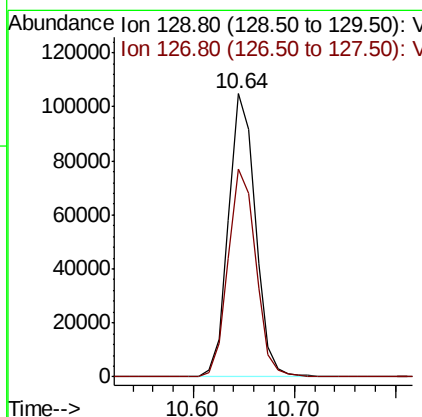
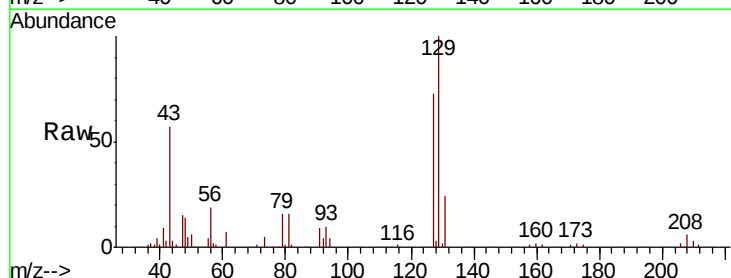
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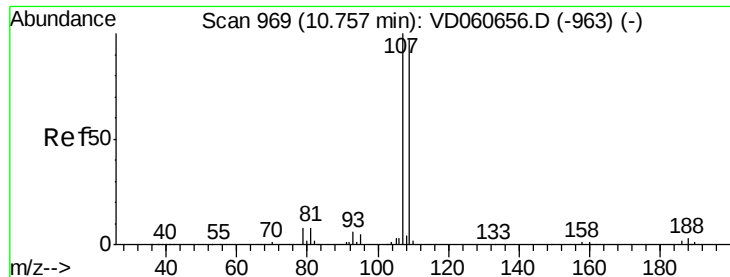
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#60  
Dibromochloromethane  
Concen: 16.963 ug/l  
RT: 10.64 min Scan# 957  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Tgt Ion: 129 Resp: 194596  
Ion Ratio Lower Upper  
129 100  
127 73.4 37.6 112.9





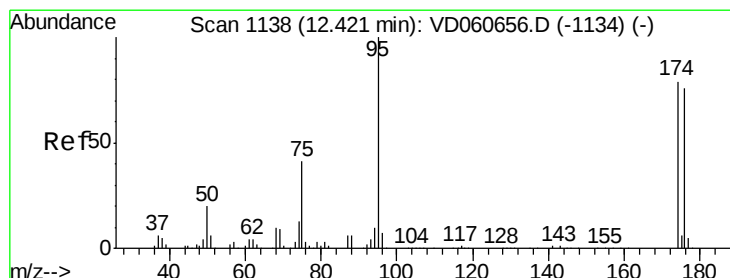
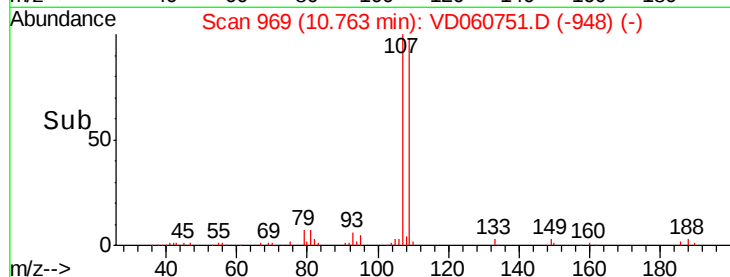
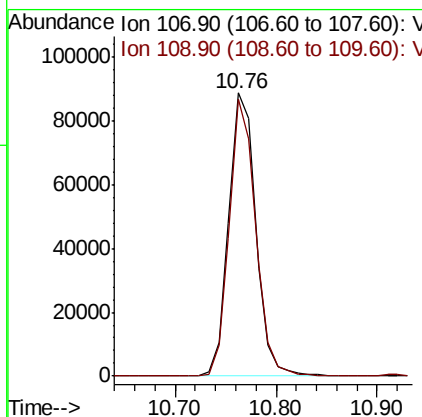
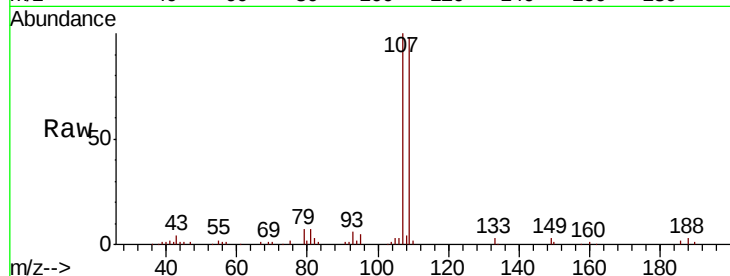
#61  
1,2-Dibromoethane  
Concen: 17.667 ug/l  
RT: 10.76 min Scan# 969  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBSD01

Tot Ion: 107 Resp: 165039  
Ion Ratio Lower Upper  
107 100  
109 97.7 78.0 117.0

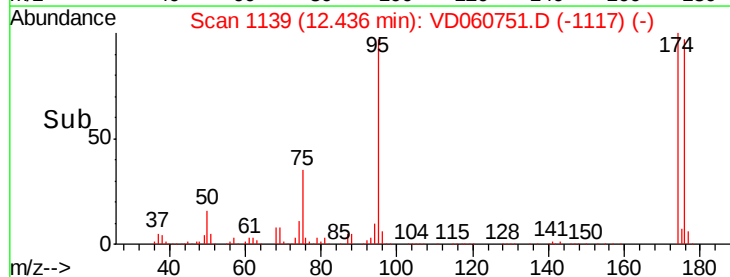
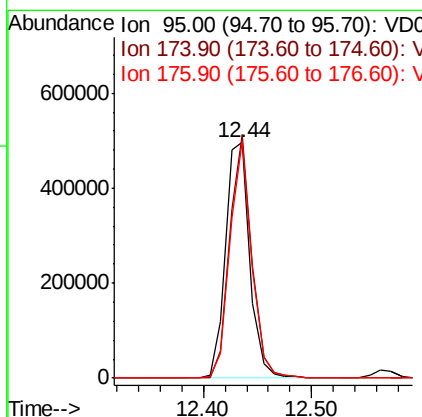
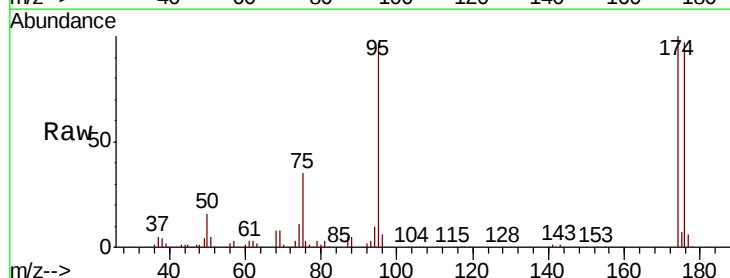
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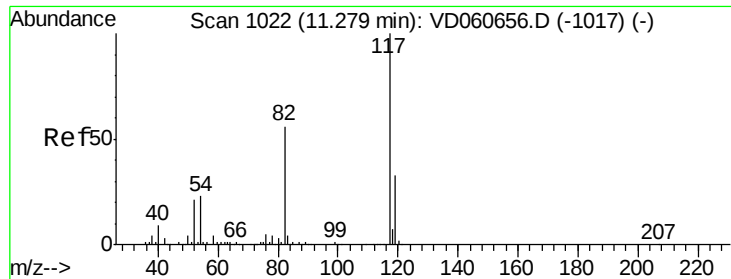
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#62  
4-Bromofluorobenzene  
Concen: 17.667 ug/l  
RT: 12.44 min Scan# 1139  
Delta R.T. 0.02 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Tgt Ion: 95 Resp: 773436  
Ion Ratio Lower Upper  
95 100  
174 103.4 0.0 158.2  
176 100.6 0.0 152.4





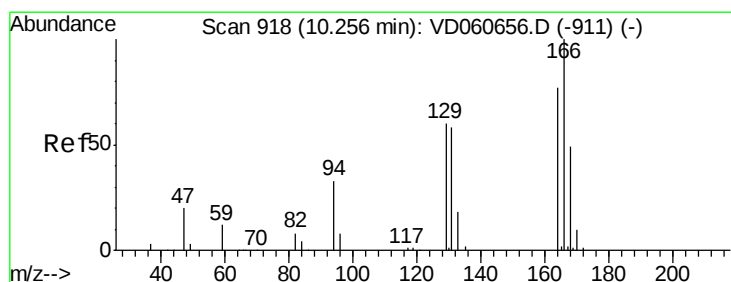
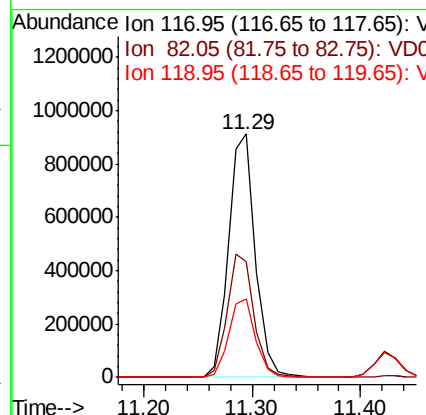
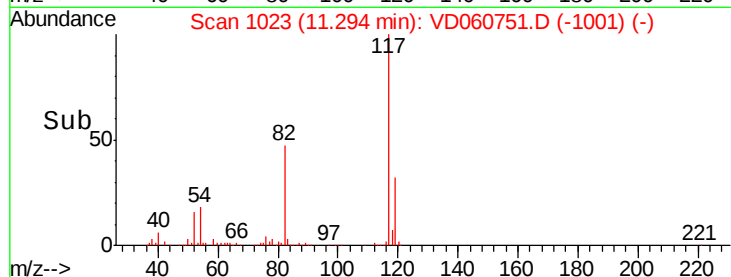
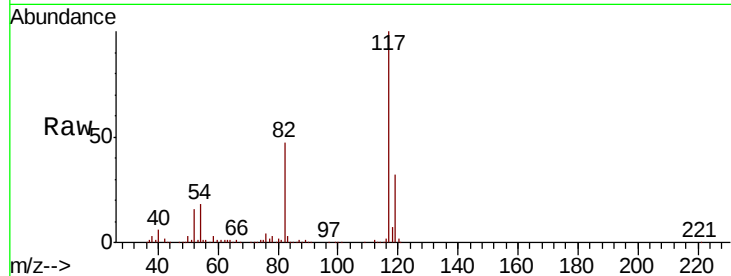
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.29 min Scan# 1023  
Delta R.T. 0.02 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 47.5  | 44.5  | 66.7  |
| 119     | 32.5  | 26.3  | 39.5  |

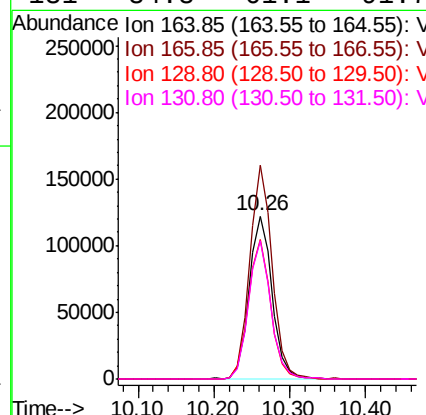
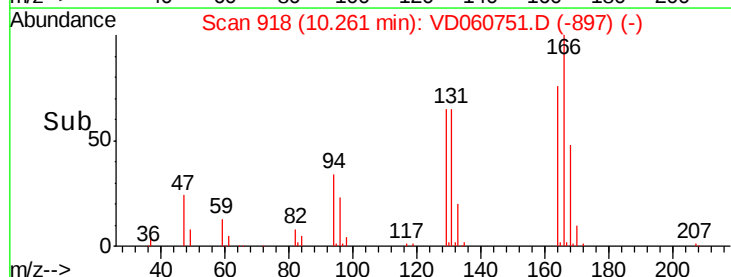
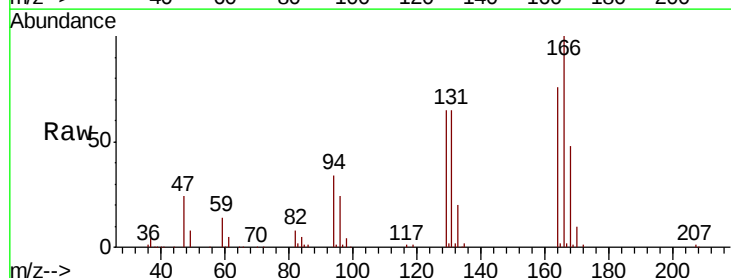
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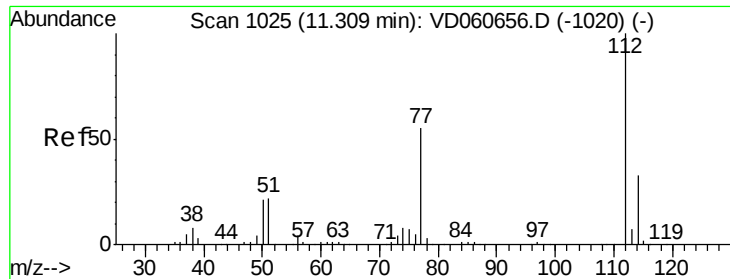
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#64  
Tetrachloroethene  
Concen: 18.103 ug/l  
RT: 10.26 min Scan# 918  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.3 | 104.4 | 156.6 |
| 129     | 86.0  | 62.7  | 94.1  |
| 131     | 84.8  | 61.1  | 91.7  |





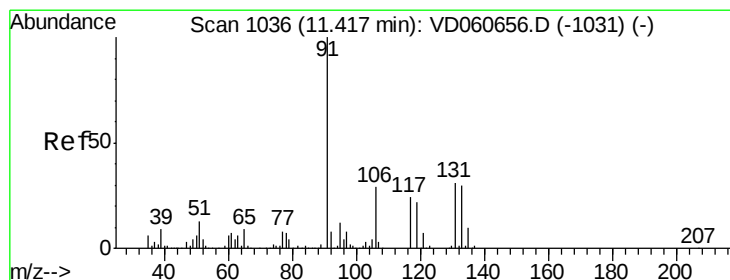
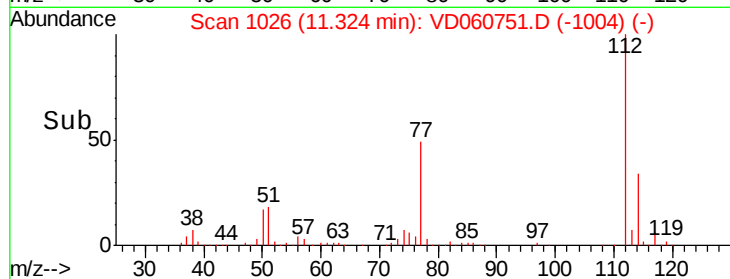
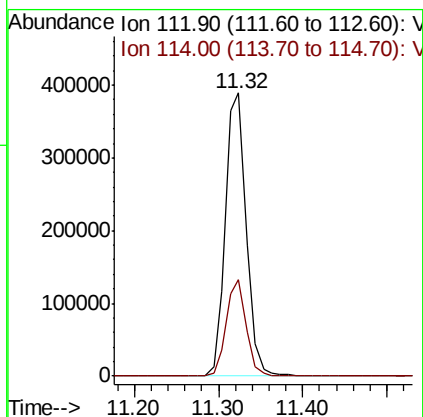
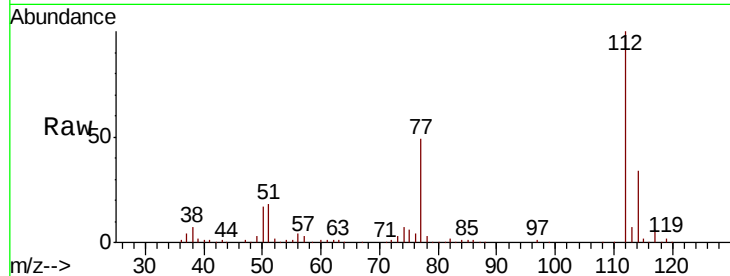
#65  
Chlorobenzene  
Concen: 19.340 ug/l  
RT: 11.32 min Scan# 1026  
Delta R.T. 0.02 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

Tot Ion:112 Resp: 667256  
Ion Ratio Lower Upper  
112 100  
114 34.1 26.1 39.1

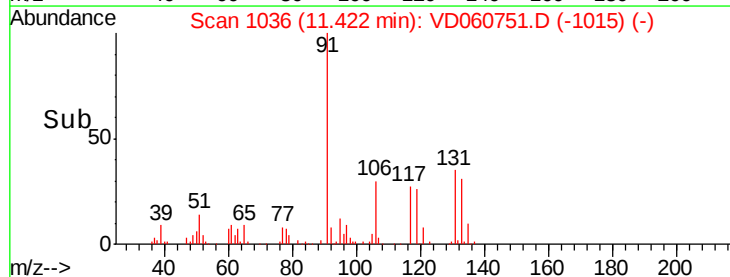
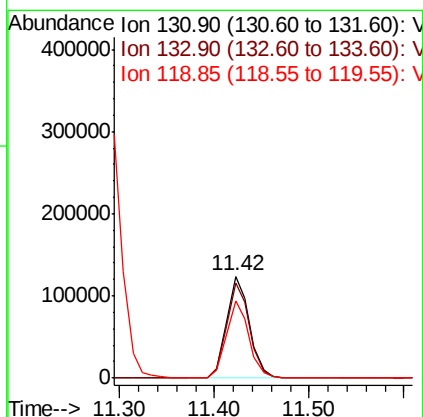
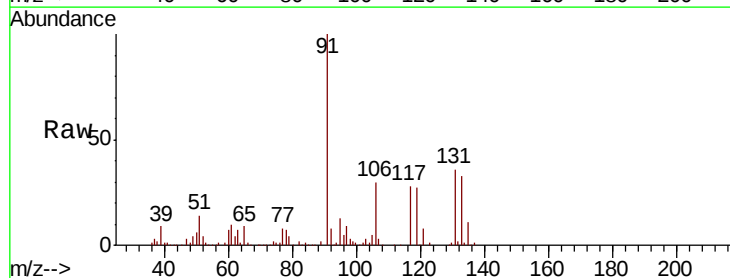
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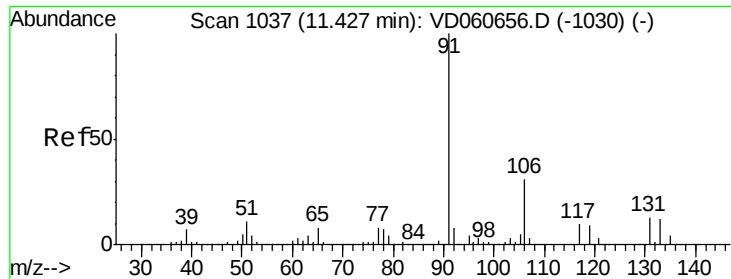
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.564 ug/l  
RT: 11.42 min Scan# 1036  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Tgt Ion:131 Resp: 205929  
Ion Ratio Lower Upper  
131 100  
133 93.7 49.1 147.3  
119 75.5 36.6 109.8





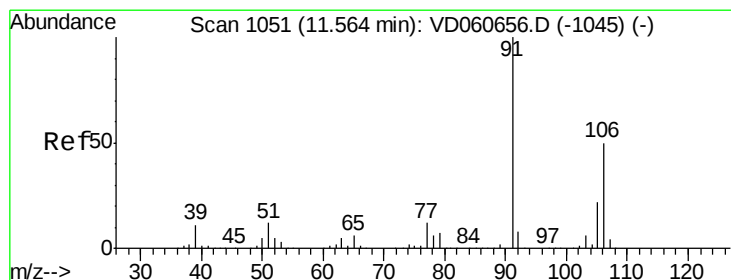
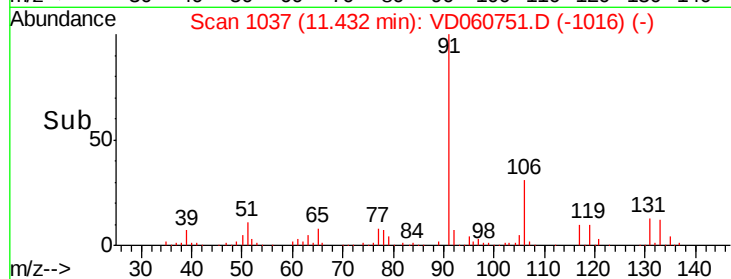
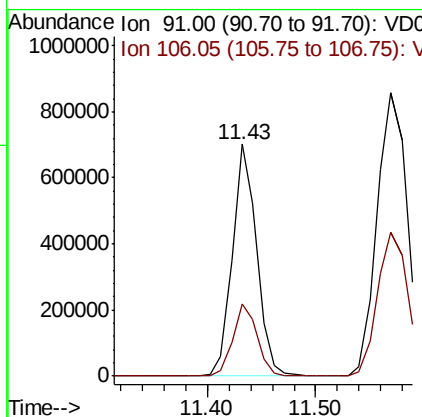
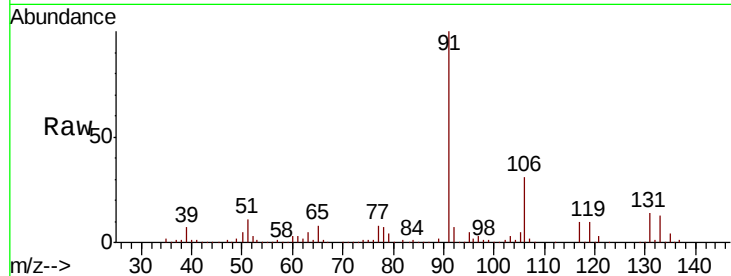
#67  
Ethyl Benzene  
Concen: 18.548 ug/l  
RT: 11.43 min Scan# 1037  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

Tot Ion: 91 Resp: 1095962  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.6 36.8

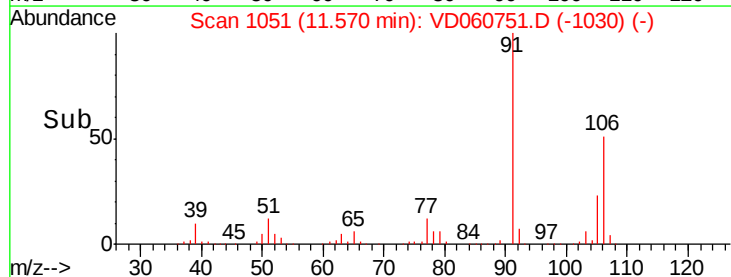
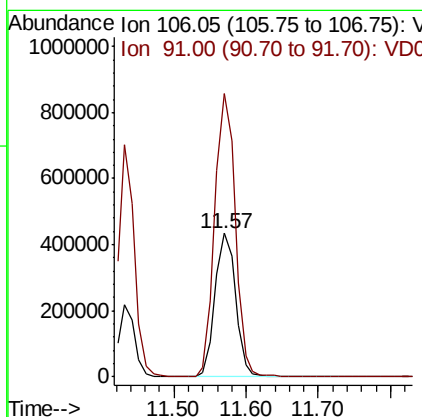
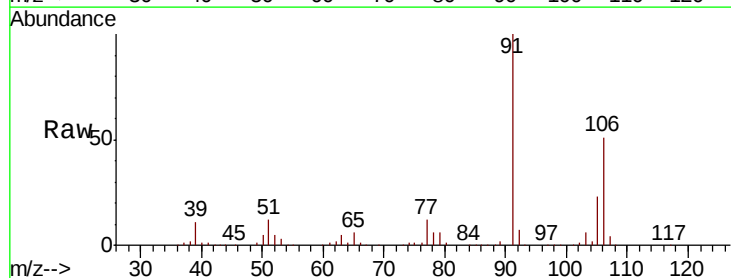
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#68  
m/p-Xylenes  
Concen: 39.324 ug/l  
RT: 11.57 min Scan# 1051  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Tgt Ion: 106 Resp: 849130  
Ion Ratio Lower Upper  
106 100  
91 197.3 158.9 238.3





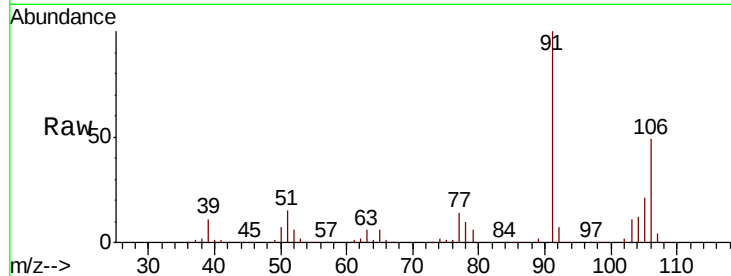
#69  
o-Xylene  
Concen: 20.017 ug/l  
RT: 11.94 min Scan# 1089  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

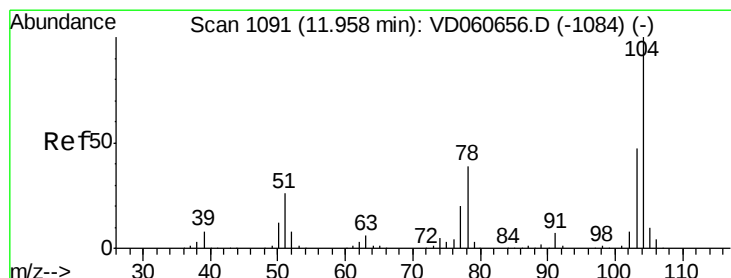
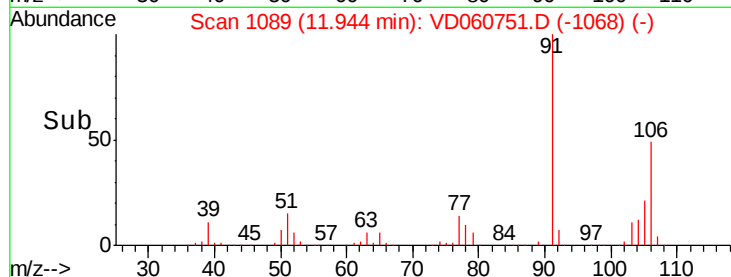
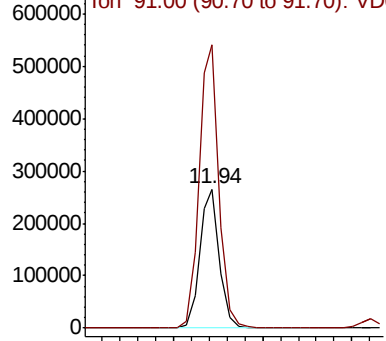
Tot Ion:106 Resp: 410081  
Ion Ratio Lower Upper  
106 100  
91 203.5 101.5 304.5

Manual Integrations  
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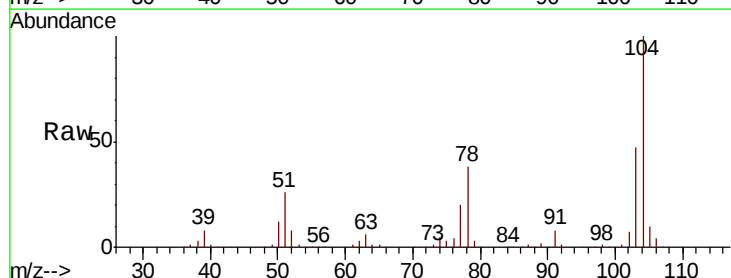


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

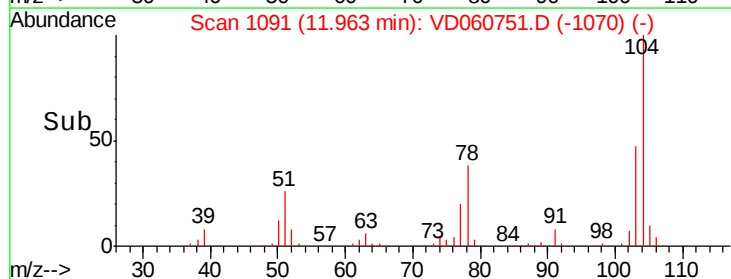
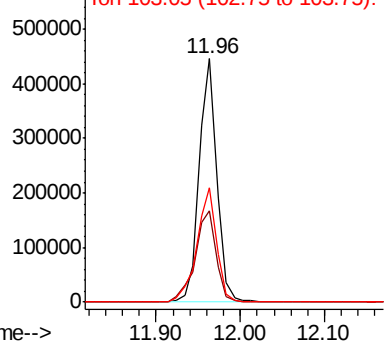


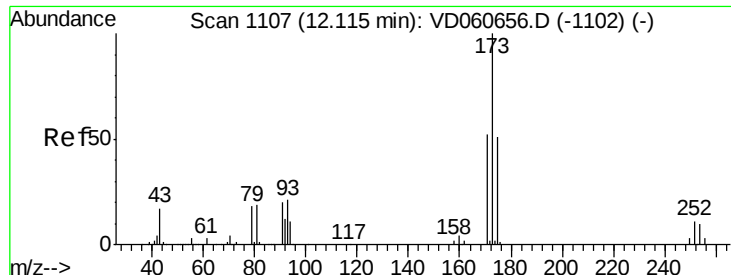
#70  
Styrene  
Concen: 19.621 ug/l  
RT: 11.96 min Scan# 1091  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Tgt Ion:104 Resp: 647405  
Ion Ratio Lower Upper  
104 100  
78 37.8 31.4 47.2  
103 46.7 37.5 56.3



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





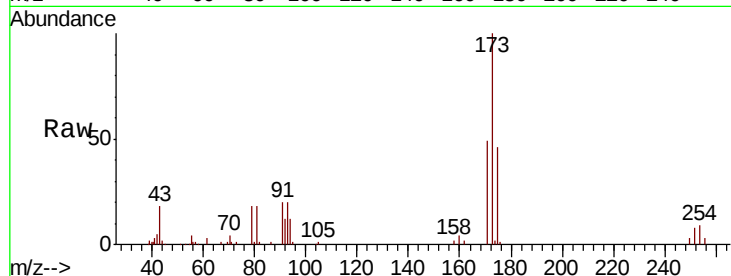
#71  
Bromoform  
Concen: 16.609 ug/l  
RT: 12.12 min Scan# 1107  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 46.4  | 25.5  | 76.5  |
| 254     | 9.3   | 7.9   | 11.9  |

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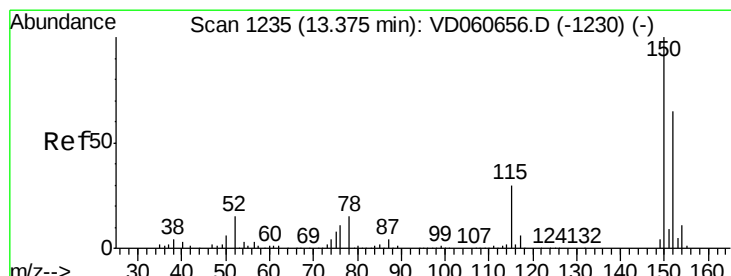
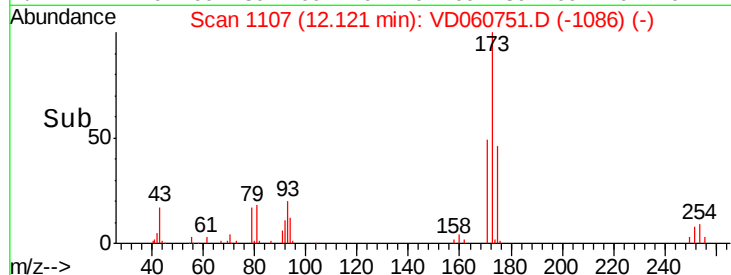
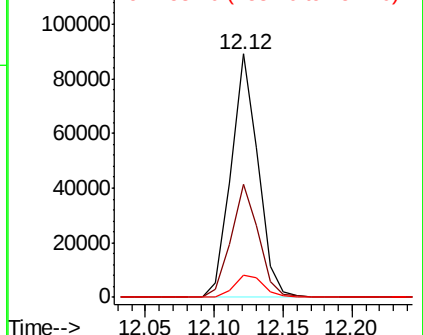


Abundance

Ion 172.80 (172.50 to 173.50): V

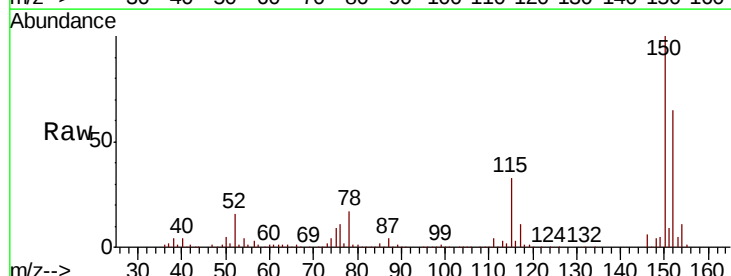
Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.38 min Scan# 1235  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 51.4  | 24.1  | 72.3  |
| 150     | 154.9 | 0.0   | 315.0 |

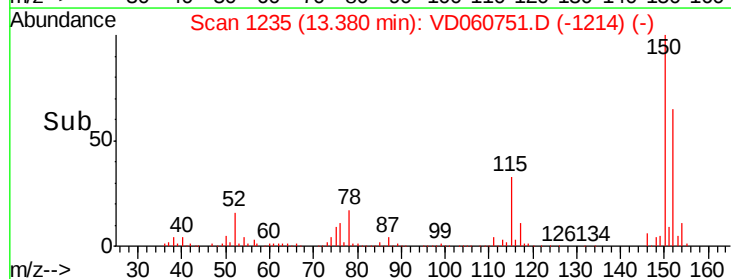
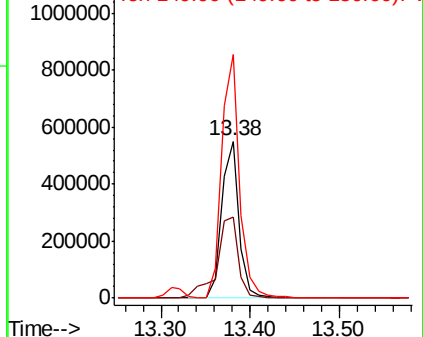


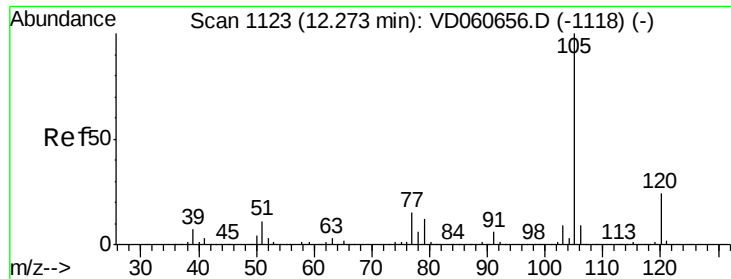
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





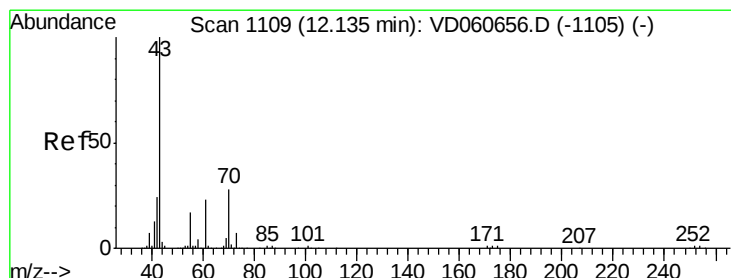
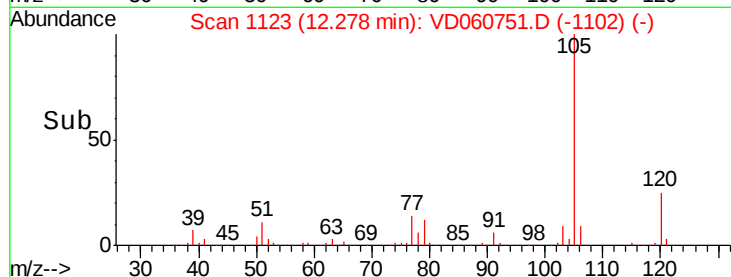
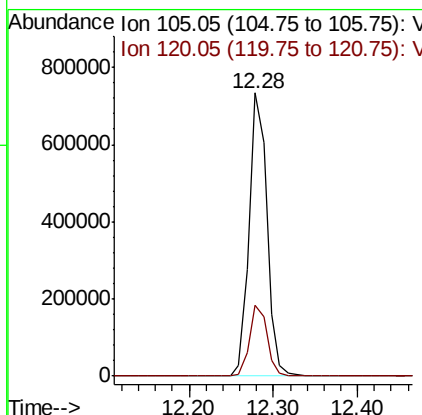
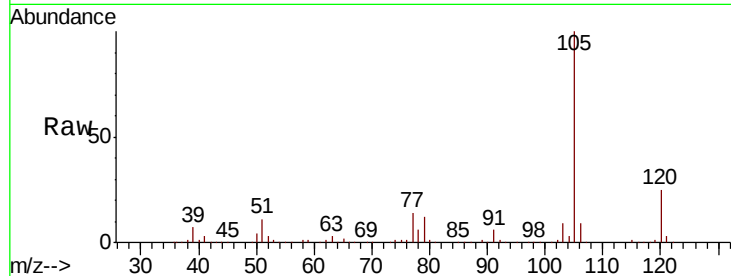
#73  
Isopropylbenzene  
Concen: 20.425 ug/l  
RT: 12.28 min Scan# 1123  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

Tot Ion:105 Resp: 1091625  
Ion Ratio Lower Upper  
105 100  
120 25.0 12.2 36.4

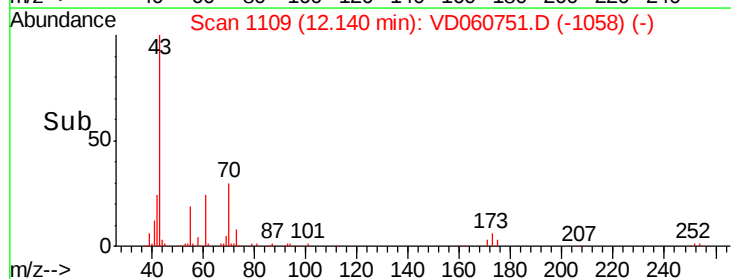
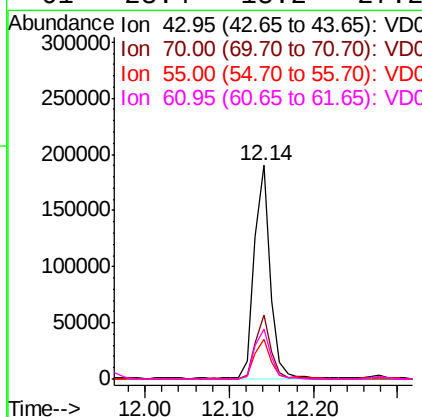
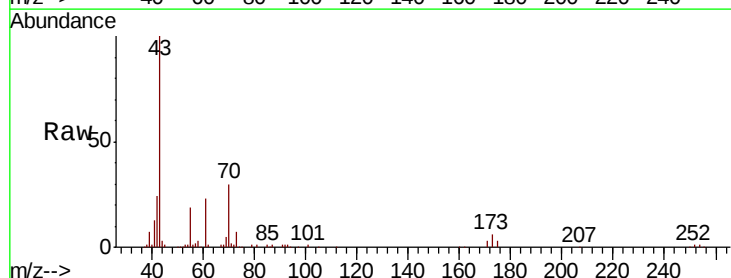
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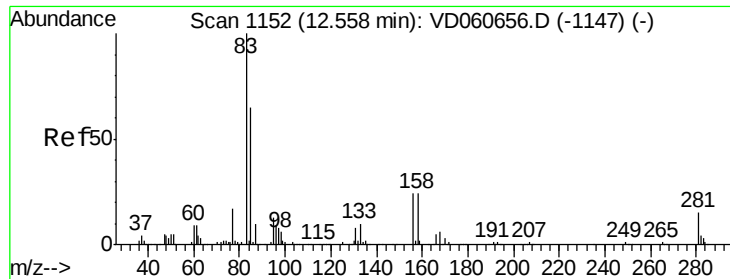
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#74  
N-ethyl acetate  
Concen: 20.540 ug/l  
RT: 12.14 min Scan# 1109  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Tgt Ion: 43 Resp: 259084  
Ion Ratio Lower Upper  
43 100  
70 29.9 22.2 33.2  
55 18.7 13.8 20.8  
61 23.4 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.255 ug/l

RT: 12.56 min Scan# 1152

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

ClientSampleId :

VD1228SBS01

Tot Ion: 83 Resp: 166804

Ion Ratio Lower Upper

83 100

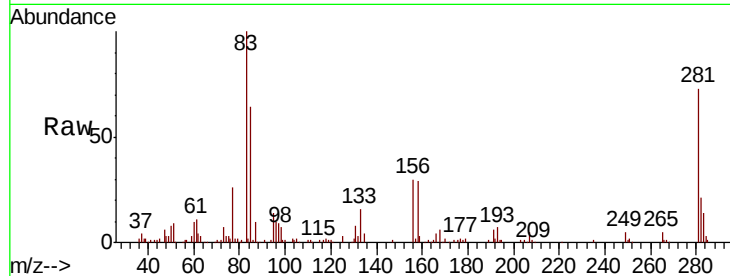
131 7.9 4.2 12.4

85 63.9 32.6 97.7

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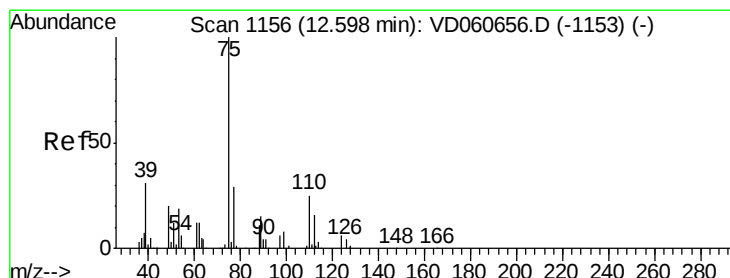
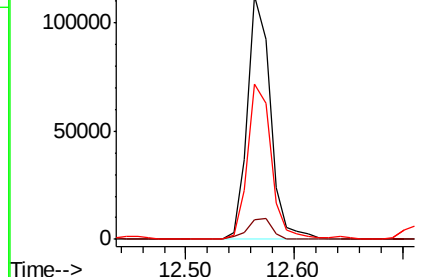
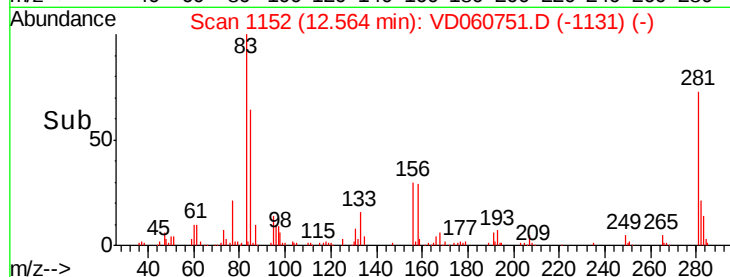


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC

12.56



#76

1,2,3-Trichloropropane

Concen: 18.666 ug/l

RT: 12.60 min Scan# 1156

Delta R.T. 0.01 min

Lab File: VD060751.D

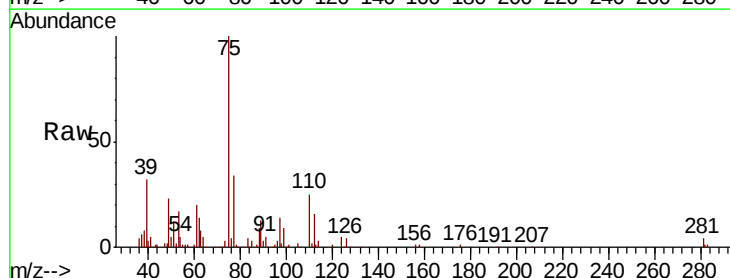
Acq: 28 Dec 2018 17:27

Tgt Ion: 75 Resp: 159518

Ion Ratio Lower Upper

75 100

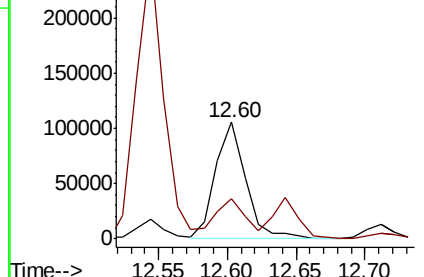
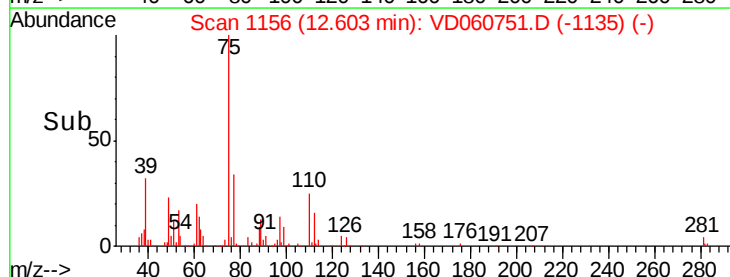
77 34.4 16.7 50.0

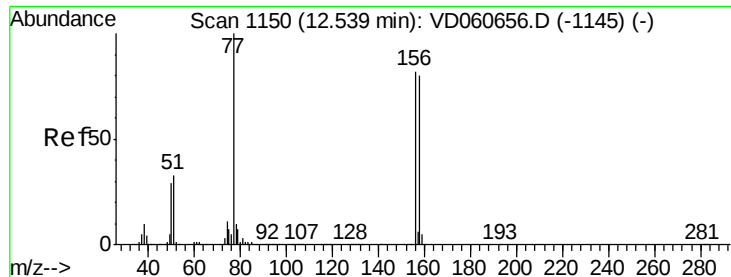


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

12.60





#77

Bromobenzene

Concen: 19.779 ug/l

RT: 12.54 min Scan# 1150

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

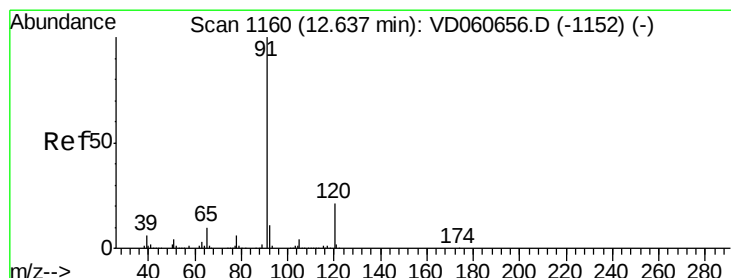
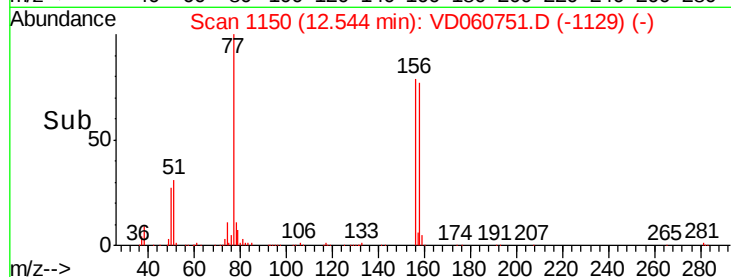
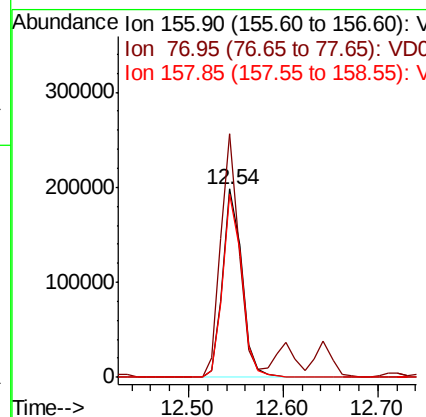
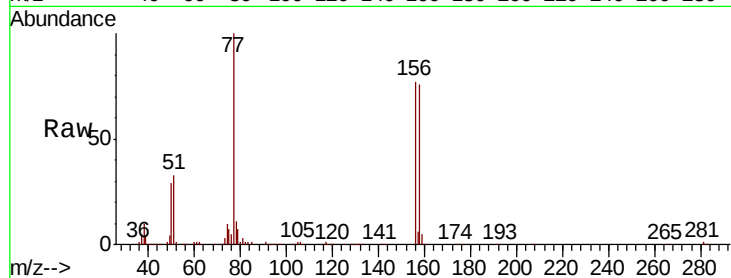
ClientSampleId :

VD1228SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 279084 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 129.4 | 61.3  | 183.9  |
| 158       | 97.7  | 48.9  | 146.6  |

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#78

n-propylbenzene

Concen: 20.326 ug/l

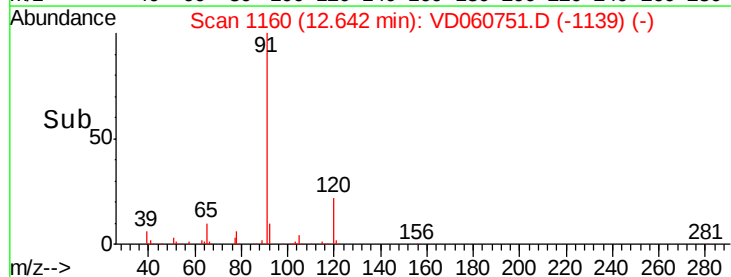
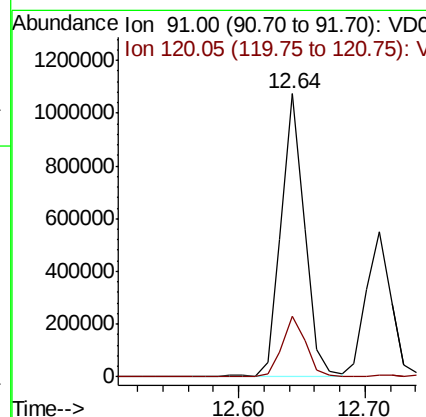
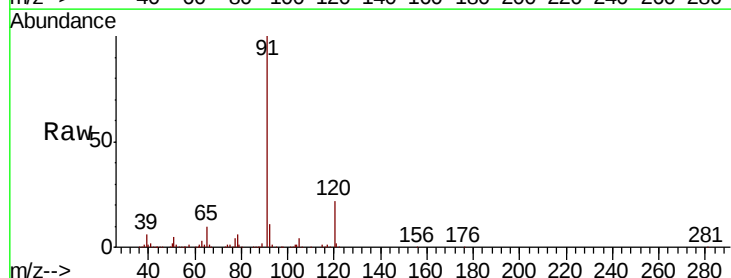
RT: 12.64 min Scan# 1160

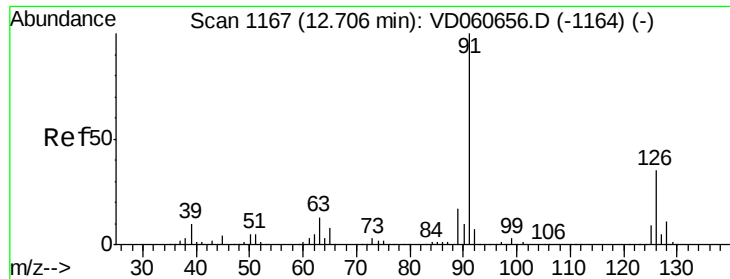
Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1388787 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 21.6  | 10.4  | 31.2    |





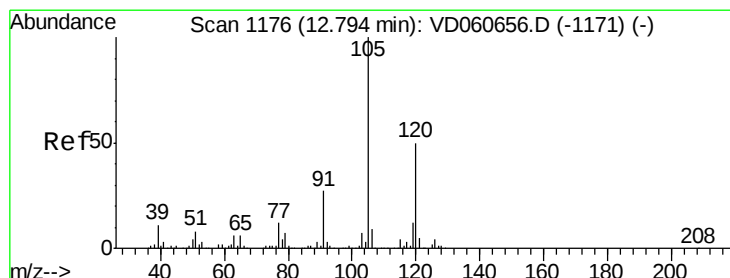
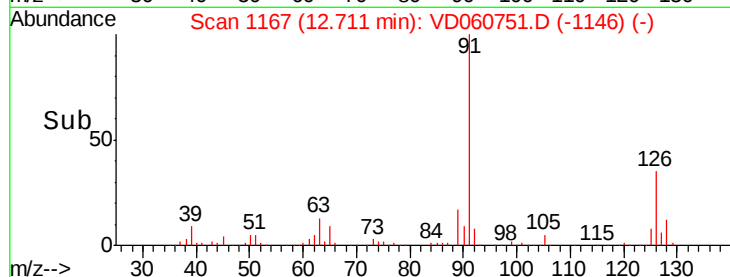
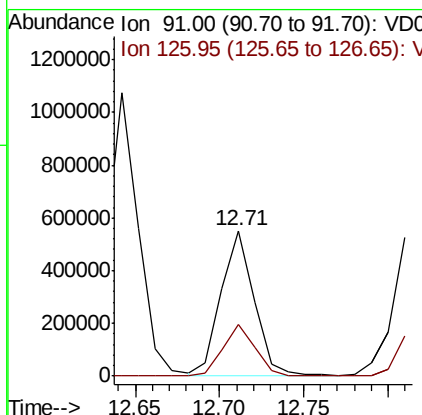
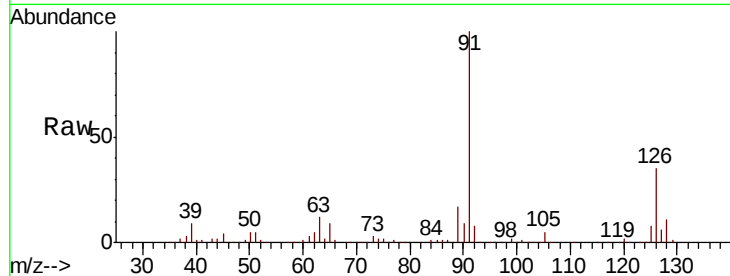
#79  
 2-Chlorotoluene  
 Concen: 20.544 ug/l  
 RT: 12.71 min Scan# 1167  
 Delta R.T. 0.01 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1228SBS01

Tot Ion: 91 Resp: 751832  
 Ion Ratio Lower Upper  
 91 100  
 126 35.1 17.2 51.5

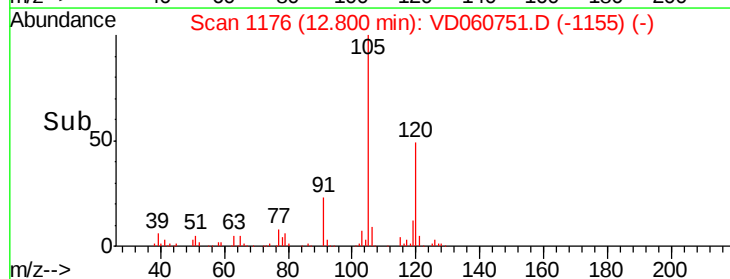
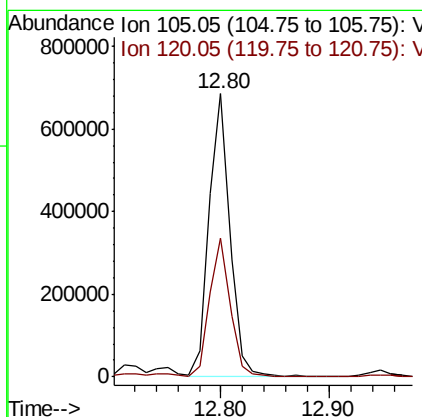
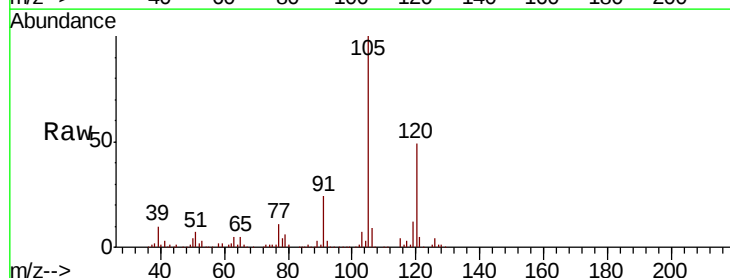
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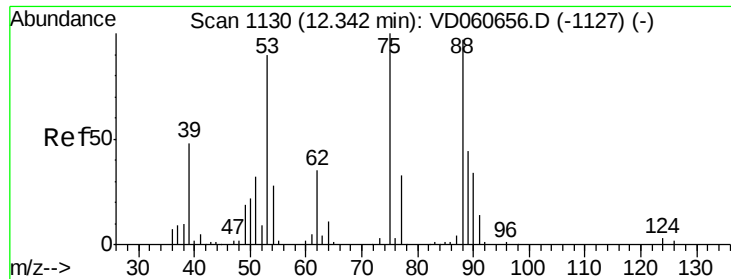
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 22.041 ug/l  
 RT: 12.80 min Scan# 1176  
 Delta R.T. 0.01 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

Tgt Ion: 105 Resp: 909628  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.039 ug/l

RT: 12.35 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

ClientSampleId :

VD1228SBS01

Tot Ion: 75 Resp: 42600

Ion Ratio Lower Upper

75 100

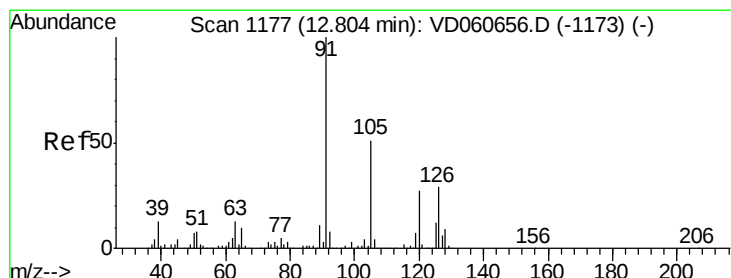
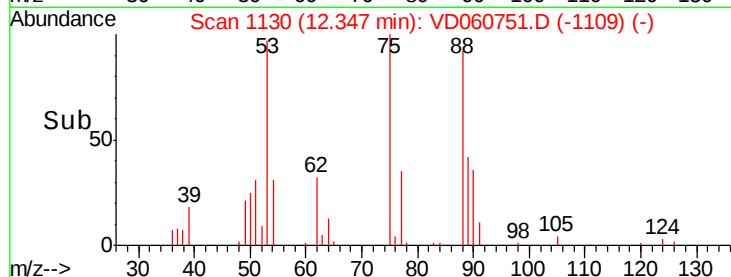
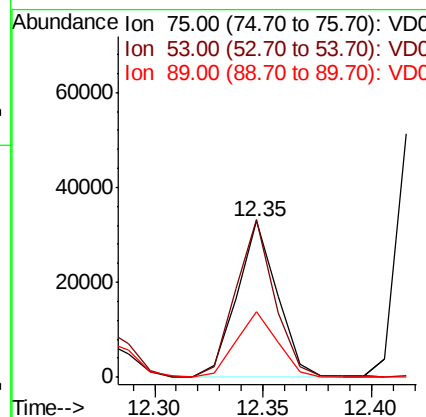
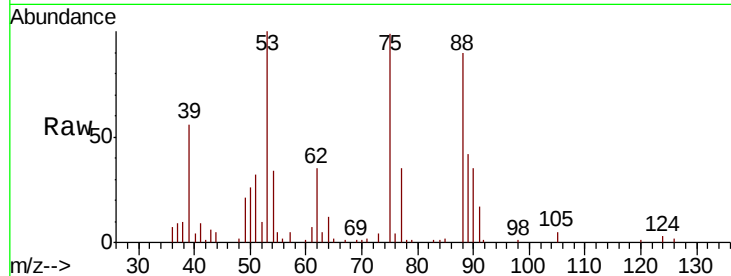
53 100.6 72.1 108.1

89 41.8 35.1 52.7

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#82

4-Chlorotoluene

Concen: 20.115 ug/l

RT: 12.81 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VD060751.D

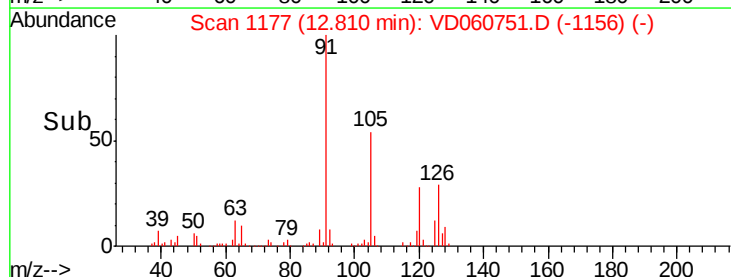
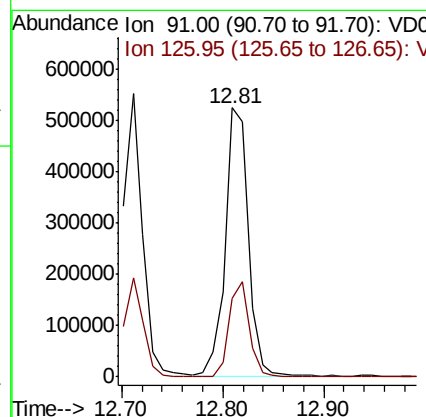
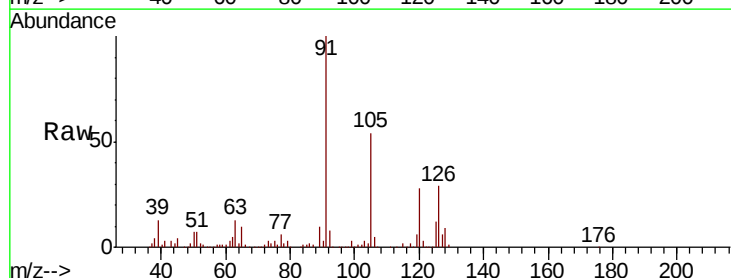
Acq: 28 Dec 2018 17:27

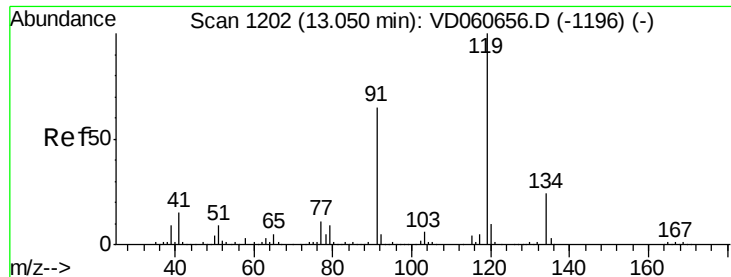
Tgt Ion: 91 Resp: 834375

Ion Ratio Lower Upper

91 100

126 29.2 14.6 43.8





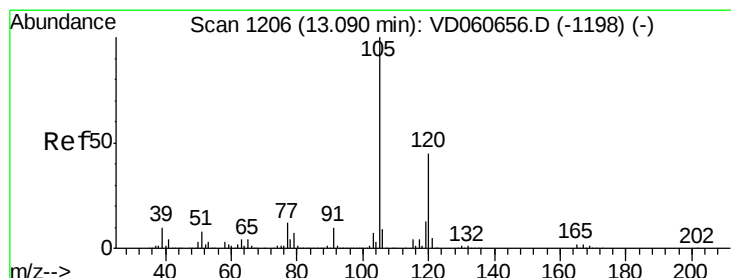
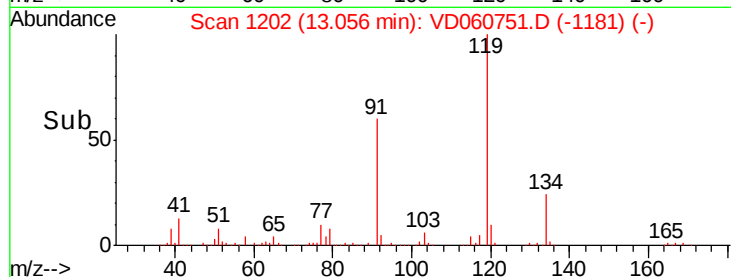
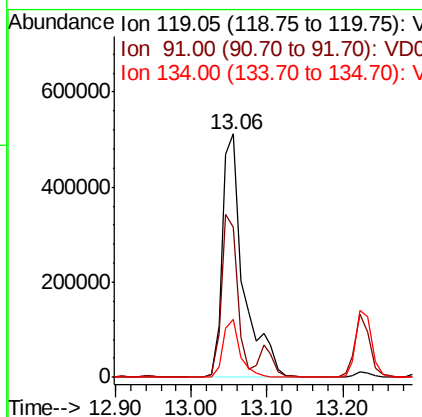
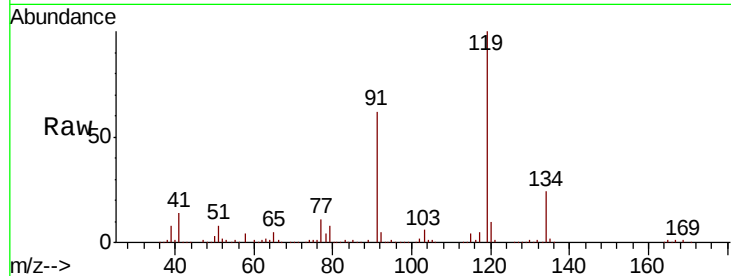
#83  
tert-Butylbenzene  
Concen: 21.348 ug/l  
RT: 13.06 min Scan# 1202  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 61.8  | 32.5  | 97.4  |
| 134     | 23.6  | 11.9  | 35.9  |

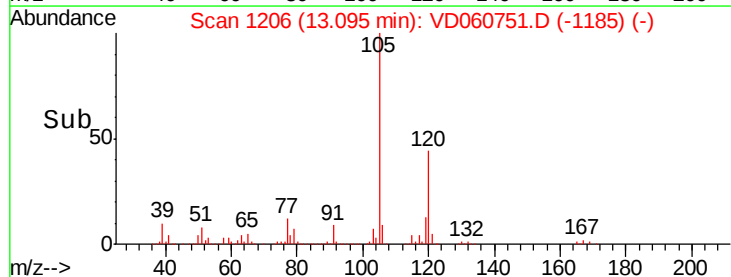
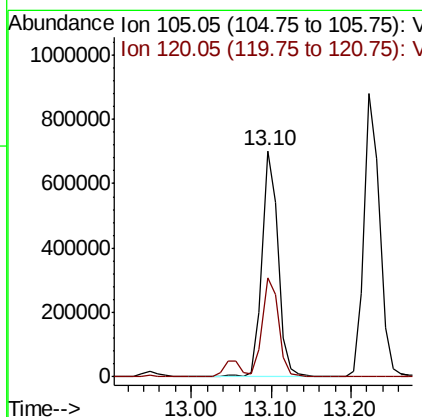
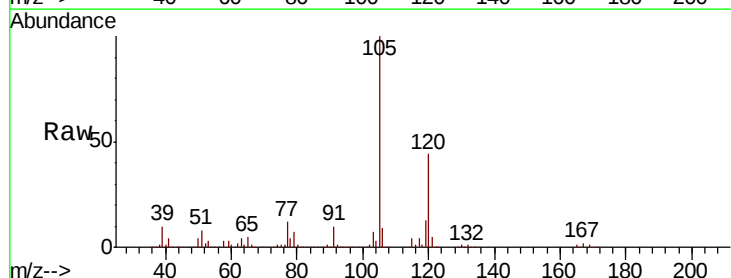
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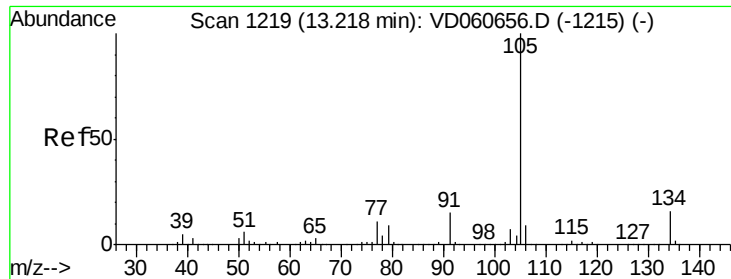
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#84  
1,2,4-Trimethylbenzene  
Concen: 22.443 ug/l  
RT: 13.10 min Scan# 1206  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.6  | 22.4  | 67.0  |





#85

sec-Butylbenzene

Concen: 20.831 ug/l

RT: 13.22 min Scan# 1219

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

Instrument :

MSVOA\_D

ClientSampleId :

VD1228SBSD01

Tot Ion:105 Resp: 1193183

Ion Ratio Lower Upper

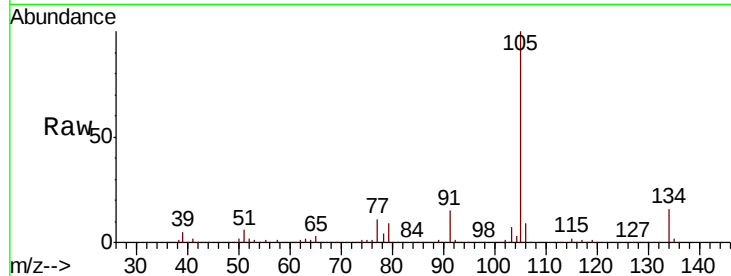
105 100

134 15.9 8.2 24.4

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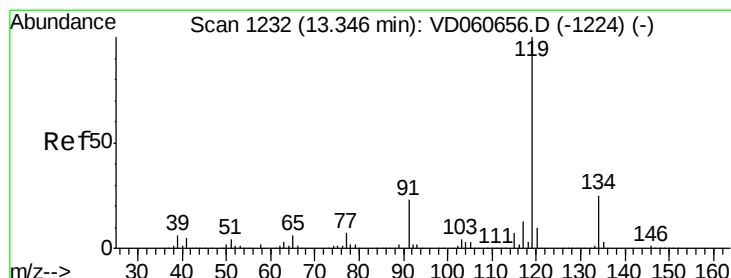
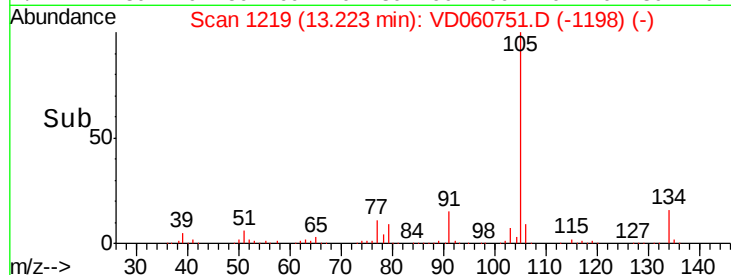
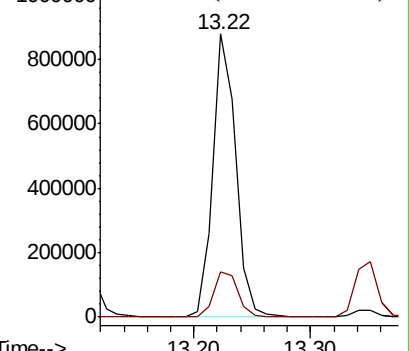
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1/2/2019 1:14:51 PM



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 21.360 ug/l

RT: 13.35 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD060751.D

Acq: 28 Dec 2018 17:27

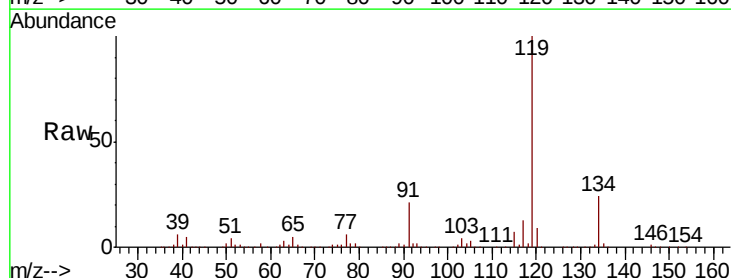
Tgt Ion:119 Resp: 987630

Ion Ratio Lower Upper

119 100

134 24.3 12.5 37.5

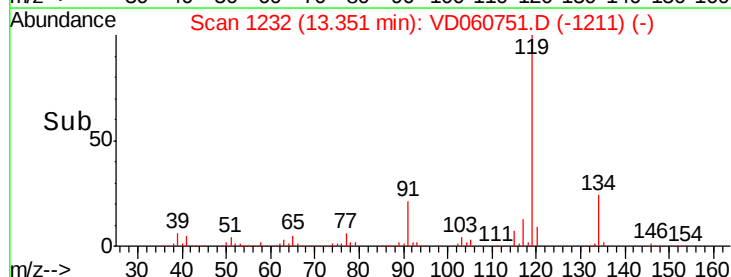
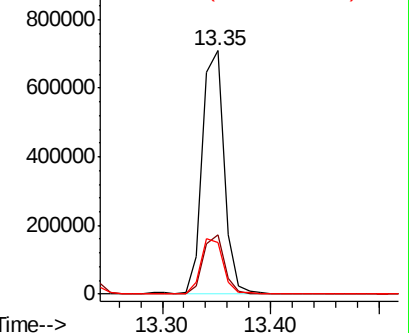
91 21.1 11.4 34.2

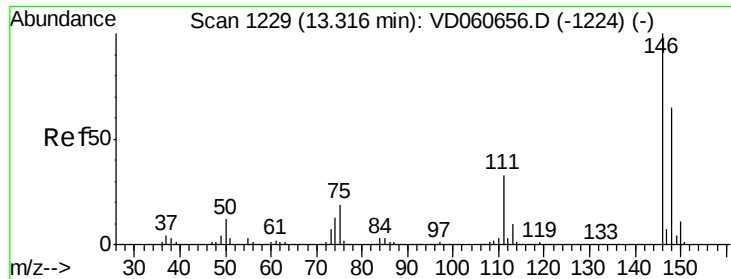


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V





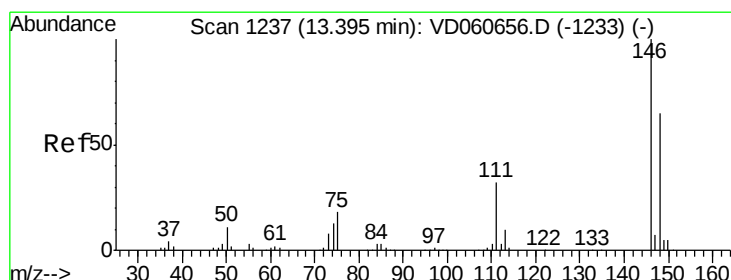
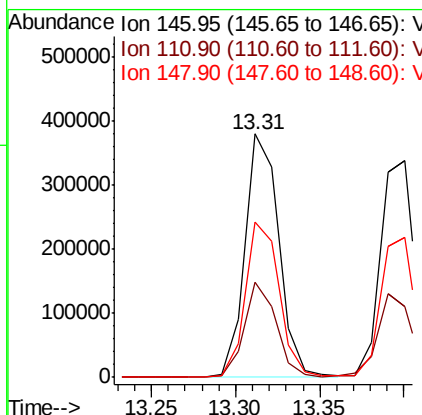
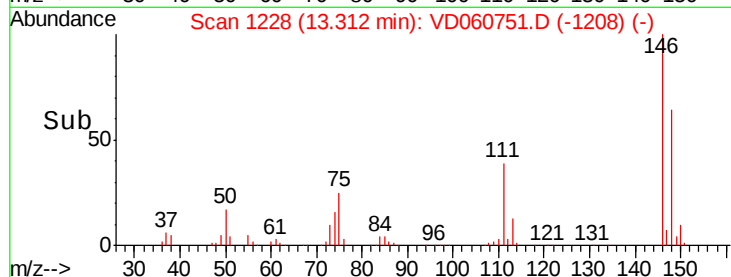
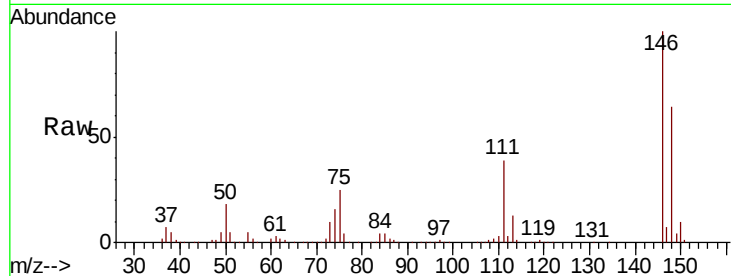
#87  
 1,3-Dichlorobenzene  
 Concen: 20.419 ug/l  
 RT: 13.31 min Scan# 1228  
 Delta R.T. -0.00 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1228SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.9  | 16.6  | 49.8  |
| 148     | 63.6  | 32.6  | 97.8  |

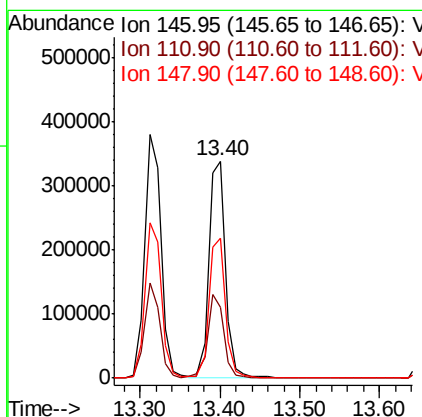
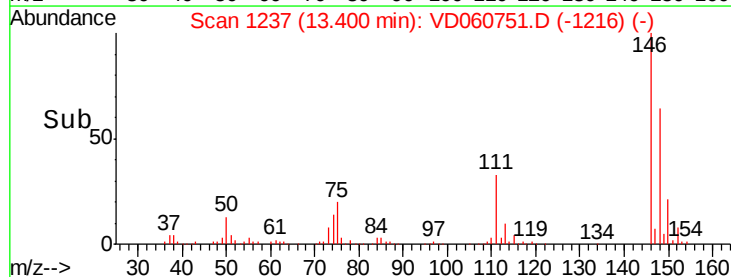
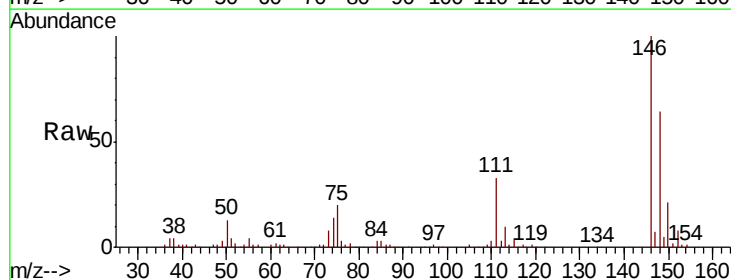
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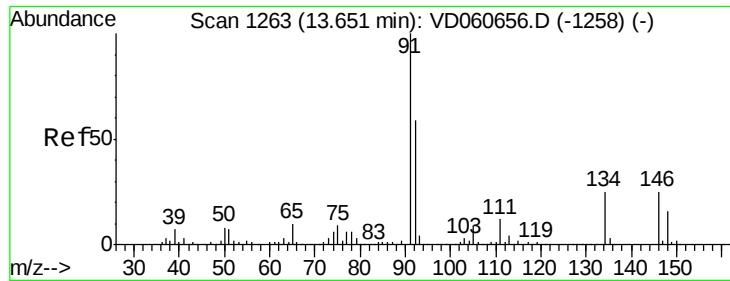
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#88  
 1,4-Dichlorobenzene  
 Concen: 19.328 ug/l  
 RT: 13.40 min Scan# 1237  
 Delta R.T. 0.01 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 32.7  | 16.2  | 48.5  |
| 148     | 64.3  | 32.7  | 98.1  |





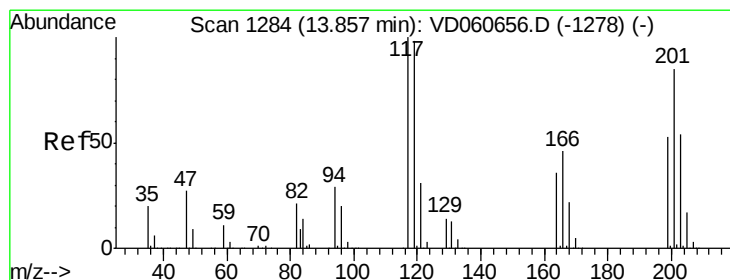
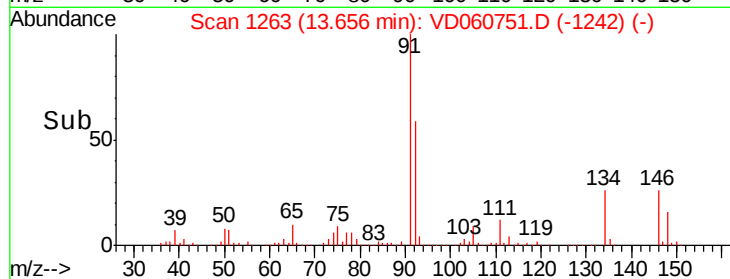
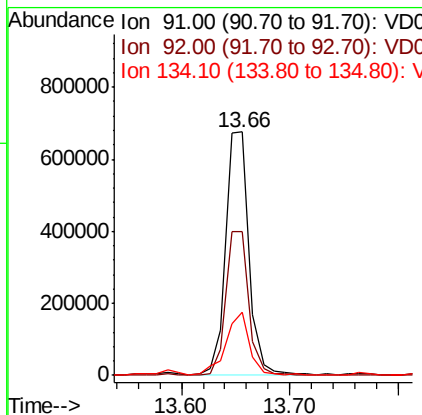
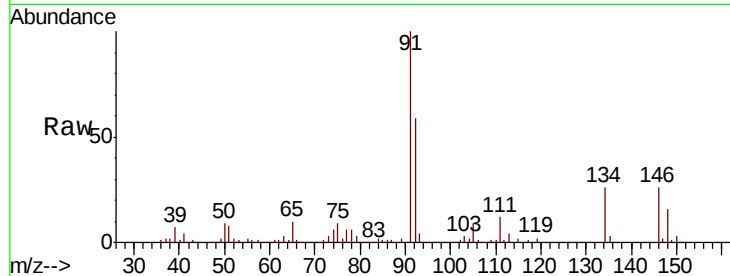
#89  
n-Butylbenzene  
Concen: 21.229 ug/l  
RT: 13.66 min Scan# 1263  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBSD01

Tot Ion: 91 Resp: 1003037  
Ion Ratio Lower Upper  
91 100  
92 59.0 29.7 89.1  
134 25.8 12.7 38.1

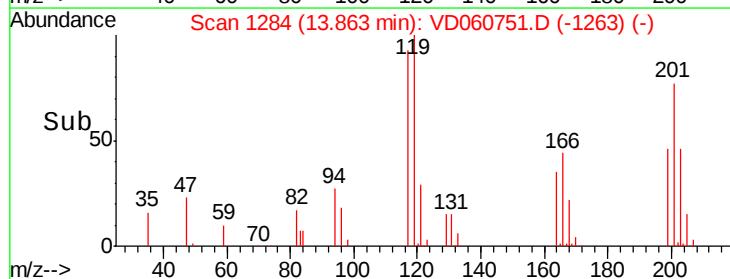
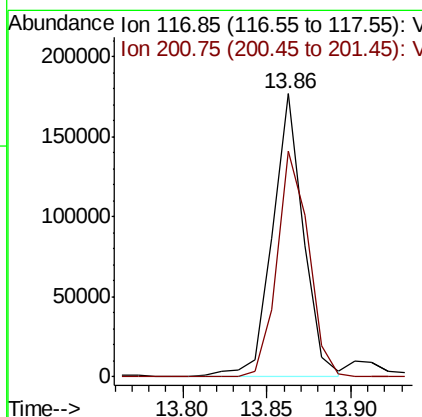
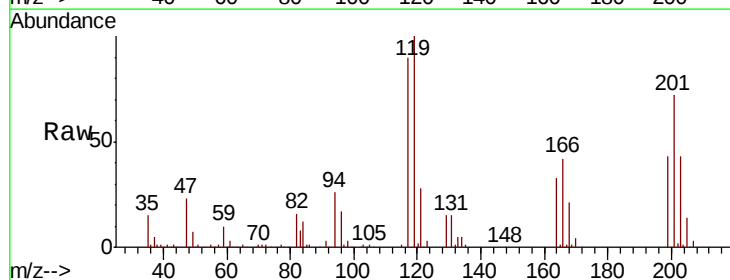
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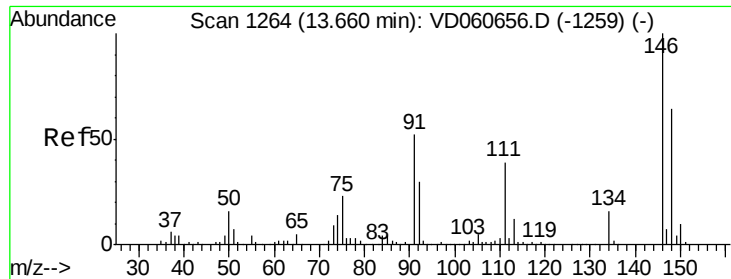
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#90  
Hexachloroethane  
Concen: 19.672 ug/l  
RT: 13.86 min Scan# 1284  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Tgt Ion: 117 Resp: 223444  
Ion Ratio Lower Upper  
117 100  
201 79.6 42.6 127.8





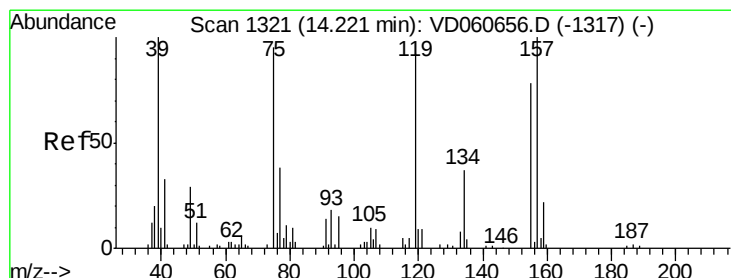
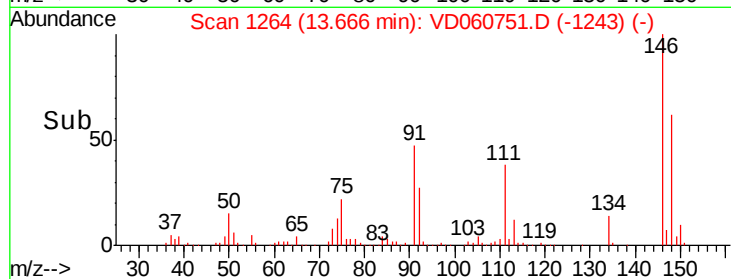
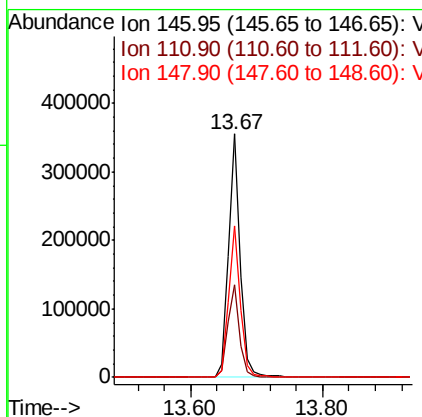
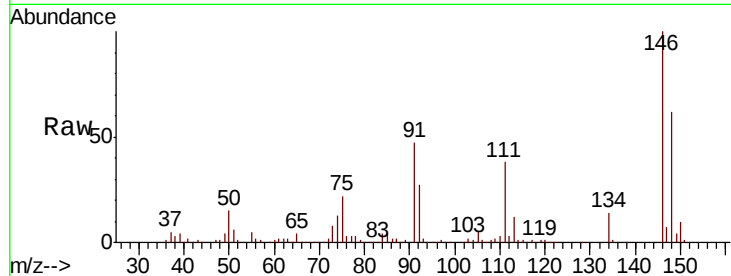
#91  
 1,2-Dichlorobenzene  
 Concen: 21.098 ug/l  
 RT: 13.67 min Scan# 1264  
 Delta R.T. 0.01 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1228SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 19.3  | 57.9  |
| 148     | 62.3  | 31.9  | 95.9  |

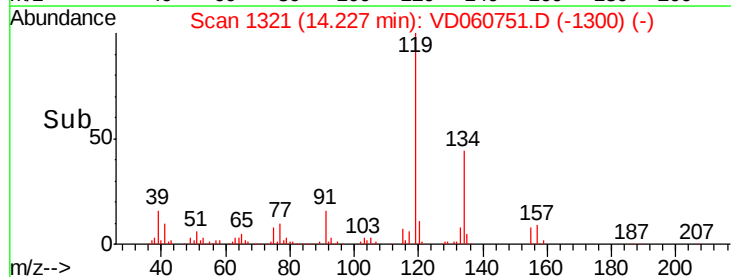
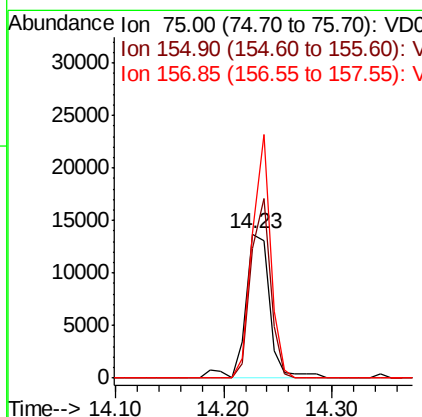
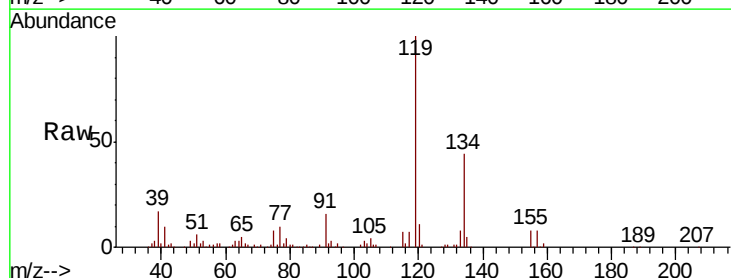
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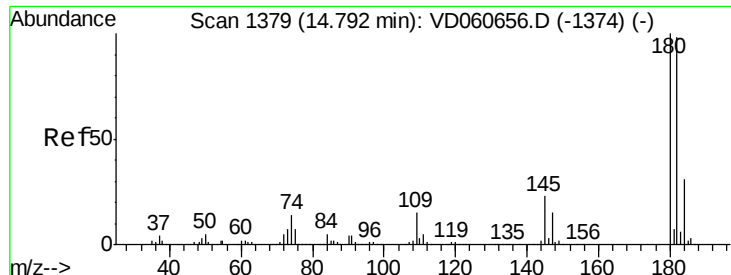
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.967 ug/l  
 RT: 14.23 min Scan# 1321  
 Delta R.T. 0.01 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 90.2  | 41.1  | 123.4 |
| 157     | 101.1 | 52.5  | 157.6 |





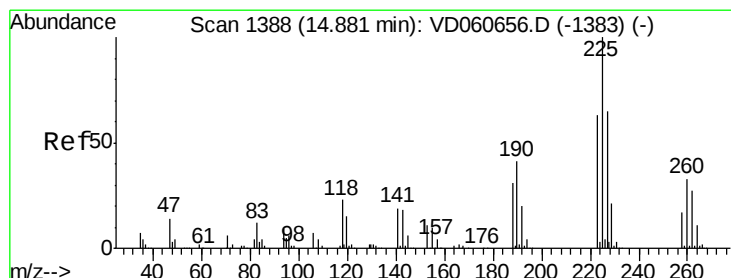
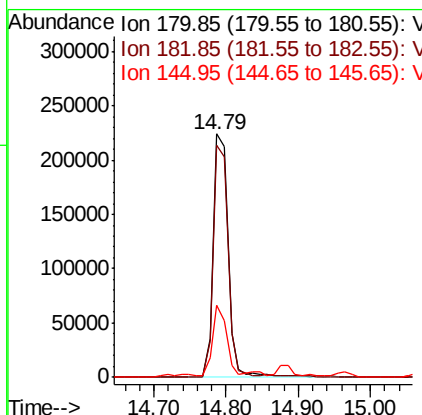
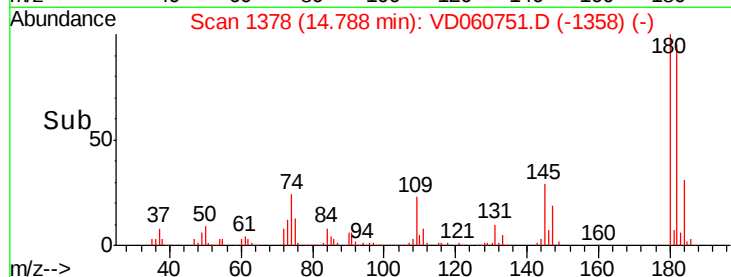
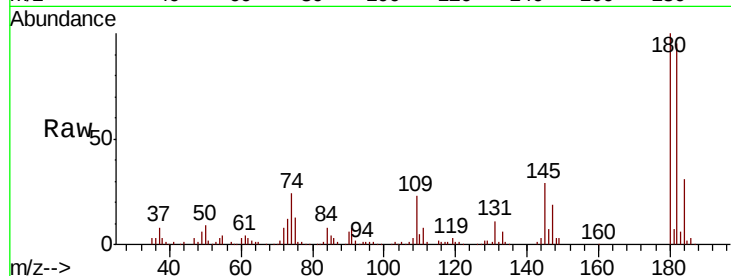
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.489 ug/l  
 RT: 14.79 min Scan# 1378  
 Delta R.T. -0.00 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1228SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 48.8  | 146.4 |
| 145     | 29.4  | 11.8  | 35.3  |

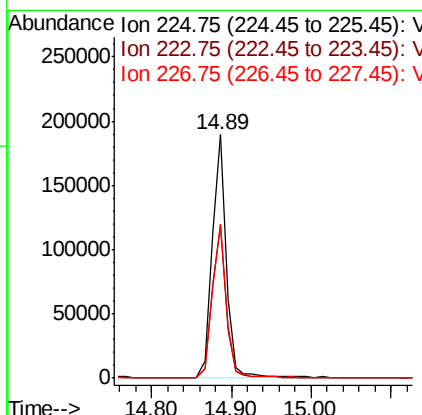
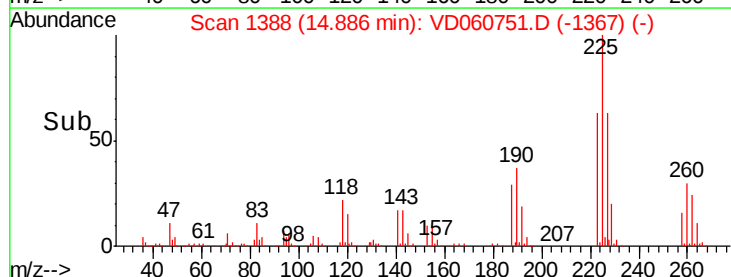
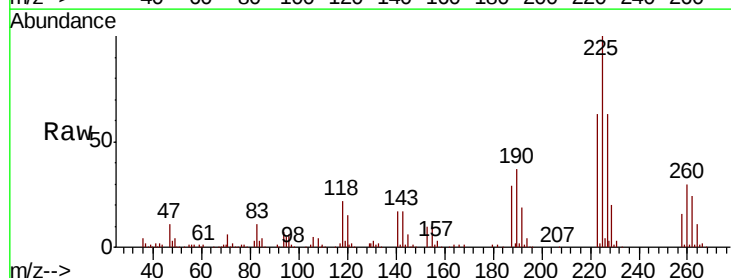
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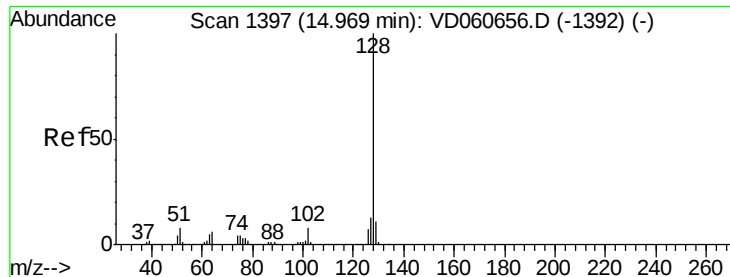
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#94  
 Hexachlorobutadiene  
 Concen: 19.517 ug/l  
 RT: 14.89 min Scan# 1388  
 Delta R.T. 0.01 min  
 Lab File: VD060751.D  
 Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.9  | 31.3  | 93.8  |
| 227     | 63.0  | 32.5  | 97.4  |





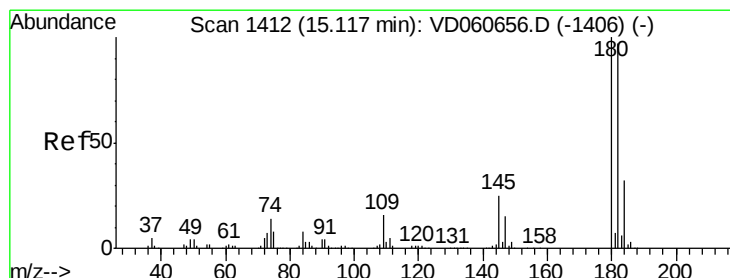
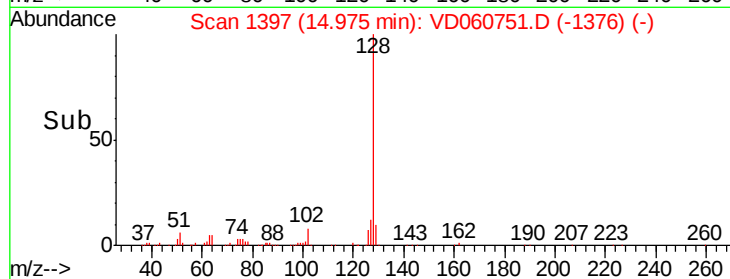
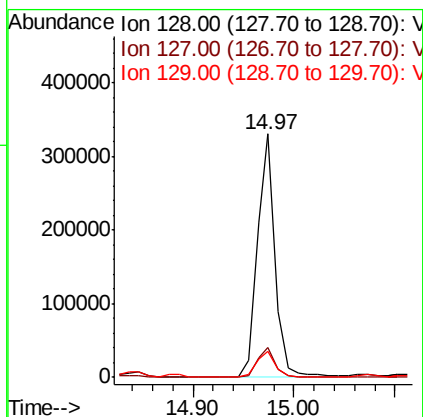
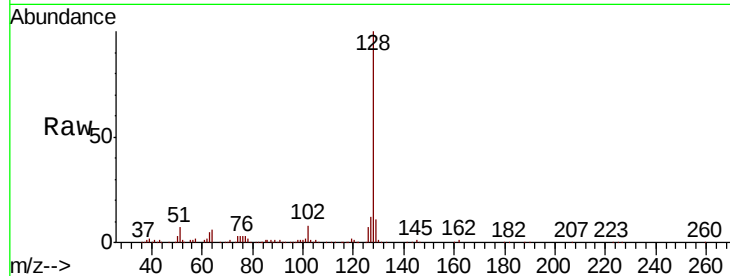
#95  
Naphthalene  
Concen: 20.702 ug/l  
RT: 14.97 min Scan# 1397  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1228SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.2  | 10.1  | 15.1  |
| 129     | 10.9  | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 19.545 ug/l  
RT: 15.12 min Scan# 1412  
Delta R.T. 0.01 min  
Lab File: VD060751.D  
Acq: 28 Dec 2018 17:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.3  | 48.6  | 145.9 |
| 145     | 25.7  | 12.6  | 37.8  |

